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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

REPORT

on the

COCOA AND CHOCOLATE INDUSTRY

in

CANADA

1925

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Minister of Trade and Commerce

OTTAWA

1927

NOTE.- The statistics published in the present statement include only the statistics of such manufacturing establishments as make Cocoa and chocolate as their principal product. The statistics relating to specific products are therefore not to be regarded as comprehensive as products like, "chocolate", "confectionery, all kinds" "icings" "spices" etc., etc., are also found as secondary products of other industries such as "Biscuits and confectionery" "Coffee and spices" etc., etc.

DEPARTMENT OF TRADE AND COMMERCE

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CENSUS OF INDUSTRY

OTTAWA -- CANADA

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 Chief, Census of Industry: J. C. Macpherson.

THE COCOA AND CHOCOLATE INDUSTRY, 1925.

Ottawa, January, 1927.- A report on the Cocoa and Chocolate Industry in Canada for the calendar year 1925 is presented herewith. Reports were received from five operating plants located by provinces as follows:- 2 in Ontario, 2 in Quebec and 1 in Nova Scotia. As there were less than three firms reporting in any single province, the statistics are presented for the Dominion only.

PRINCIPAL STATISTICS COMPARED

Table 1 presents comparative statistics of the industry for the calendar years 1924 and 1925 with a column showing increase or decrease for each item.

Table 1.- Principal Statistics Compared, 1924 and 1925.

Principal Statistics	Unit	1924	1925	↑ Increase - Decrease
Establishments reporting	No.	5	5	-
Capital invested	\$	4,136,225	4,518,332	↑ 382,107
Employees on salaries:-				
Male	No.	120	106	- 14
Female	No.	20	20	-
Total salaries	\$	255,659	249,034	- 6,625
Employees on wages:-				
Male	No.	281	258	- 23
Female	No.	249	225	- 24
Total wages	\$	398,596	414,829	↑ 16,233
Cost of fuel	\$	36,074	34,962	- 1,112
Power installation:-				
Units	No.	156	116	- 40
Capacity	H.P.	2,805	2,750	- 55
Cost of materials used	\$	2,329,025	2,423,240	↑ 94,215
Gross value of products	\$	3,839,963	3,874,919	↑ 34,956
Net value of products	\$	1,510,938	1,451,679	- 59,259

THE COCOA AND CHOCOLATE INDUSTRY, 1925.

PRODUCTION STATISTICS

The quantity and selling value at the factory of the various products of the industry during the calendar years 1924 and 1925 is shown in table 2. The quantity of cocoa produced shows an increase of 376,722 lbs. in quantity and of \$10,831 in value, whilst chocolate, on the other hand, decreased in quantity produced by 744,152 lbs. and in value by \$615,090. Increases also appear in the quantity and value of cocoa butter and chocolate confectionery produced. Cocoa butter increased by 266,920 lbs. and in value by \$92,936, while the increase in the production of chocolate confectionery amounted to 1,422,992 lbs. and in value to \$549,430. Other products show a decrease in quantity of 26,695 lbs. and in value of \$3,151 and consisted chiefly of spices, icings, etc. The increase in total value of production over 1924 was \$34,956.

Table 2.- Production of Cocoa and Chocolate, 1924 and 1925

Products	Unit	1925		1924	
		Quantity	Selling value at factory	Quantity	Selling value at factory
Cocoa	lb.	2,328,329	\$ 594,029	1,951,607	\$ 583,198
Cocoa butter	lb.	993,497	278,379	726,577	185,443
Chocolate	lb.	7,478,720	1,438,319	8,222,872	2,053,409
Chocolate confectionery	lb.	5,066,694	1,554,865	3,643,702	1,005,435
Other products	lb.	20,000	9,327	46,695	12,478
Total value		-	3,874,919	-	3,839,963

CAPITAL INVESTMENT

The amount of capital invested in the cocoa and chocolate industry in 1925 is presented by classes in table 3. There was an increase over 1924 of \$382,107 or 9.24 per cent. Fixed capital including land, buildings, machinery and tools amounted to \$3,057,780 and working capital including materials and stocks on hand, etc. and cash, trading and operating accounts totalled \$1,460,552. It will be noted by reference to the table that increases appear in each of the items of capital when compared with 1924.

Table 3. - Capital Investment 1924 and 1925.

	Fixed Capital	Working Capital		Total Capital
		Materials and stocks on hand, etc.	Cash, trading and operating accts. etc.	
Capital invested in Canada 1925	\$ 3,057,780	\$ 1,011,803	\$ 448,749	\$ 4,518,332
Capital invested in Canada 1924	2,949,414	839,131	347,680	4,136,225

EMPLOYMENT STATISTICS

Statistics of employment are presented in a series of tables, as follows:-

Table 4.- Employees, salaries and wages by classes and sex, 1925.

Table 5.- Employees on wages by months and sex, 1925.

Table 6.- Operating time of plants and employees, 1925.

Table 4 deals with the number of persons at employment in the industry by classes of employment, sex and remuneration. There was a decrease in 1925 as compared with 1924 of 14 in the number of salaried employees and of \$6,605 in the amount paid for salaries. Wage earners also decreased in number by 47 of whom 23 were males and 24 females, but they show an increase of \$16,233 in the payment for wages. Salaries per employee show an approximate percentage of increase of 8.2 per cent and wages of 14.2 per cent over 1924.

Table 4.- Employees, Salaries and Wages, 1925.

Classes of employees	Male	Female	Total Salaries and wages
Salaried employees	106	20	249,034
Employees on wages, average number	258	225	414,829
Totals	364	245	663,863

EMPLOYMENT STATISTICS (continued)

Employment by months.— The number of wage-earners employed during each month of the year according to sex is given in table 5 for the calendar year 1925. The months of highest employment were October and November with totals of 555 and 551 respectively whilst those of lowest employment were June and July with monthly totals of 430 and 432 respectively. The monthly average for the year was 483 of whom 258 were males and 225 were females.

Table 5.— Employment by months, 1925.

Months	Wage-earners		Months	Wage-earners	
	Male	Female		Male	Female
January	242	210	July	236	196
February	260	253	August	251	195
March	267	227	September	266	233
April	257	202	October	288	267
May	250	204	November	281	270
June	234	196	December	259	245
Total number employed by months				3,091	2,698
Average monthly employment during year				258	225

Operating time.— The operating time of plants and employees is shown in table 6. Plant operations are shown by full time, part time and idle. Operating time of employees is shown by the number of hours worked per day or shift and per week.

Table 6.— Operating time of Plants and Employees, 1925.

Number of plants reporting	5	
	Totals	Averages
Days in operation -		
On full time	1,024	204.80
On part time	196	39.20
Idle	300	60.00
Hours worked per employee -		
Per day or shift	5,036	8.86
Per week	260	32.00

MATERIALS USED.

The quantity and cost value delivered at the factory, including freight and duty, of the materials used in the industry during 1925 are shown in table 7. The total cost in 1925 amounted to \$2,423,240, an increase of \$94,215 over the preceding year. The increase in 1925 was partly due to the higher cost of certain materials such as cocoa beans, vanilla beans, etc.

Table 7.— Materials Used, 1925.

Kinds of materials	Unit	Quantity	Cost value at works
Cocoa beans	pound	8,439,423	\$ 896,634
Cocoa butter	"	2,177,388	515,694
Vanilla beans	"	1,292	8,687
Sugar	"	5,606,951	344,505
Milk powder and condensed milk	"	704,678	132,732
Glucose	"	183,402	8,703
Nuts, all kinds	"	306,838	93,634
Flour	"	13,403	695
Spice materials, all kinds	"	84,321	8,659
Essences, essential oils, etc. (value only)	-	-	24,256
All other materials (value only)	-	-	22,065
Containers, labels, etc. (value only)	-	-	366,976
Total cost of materials and containers	-	-	2,423,240

FUEL CONSUMPTION

The consumption of fuel of various kinds during 1925 is presented in table 8 by quantity and cost value at the factory or works. The total cost of fuel fell from \$36,074 in 1924 to \$34,962 in 1925. Coal of all kinds cost \$31,976 and gas \$2,986.

THE COCOA AND CHOCOLATE INDUSTRY, 1925.

FUEL CONSUMPTION (continued)

Table 8.- Fuel consumption, 1925.

Classes of fuel	Unit	Quantity	Cost value at the works \$
Bituminous coal	ton	3,418	24,236
Anthracite coal	"	1,200	7,740
Gas, artificial	m.c.ft.	2,820	2,986
Total cost of fuel	-	-	34,962

POWER INSTALLATION

Power installation is shown for the industry by classes in table 9. Primary power consisted of 5 steam engines having a rated horse power of 225, a decrease of one engine and 25 horse power as compared with 1924. Electric motors also fell from 150 units of 2,540 horse power in 1924 to 111 units of 2,525 horse power in 1925. The cost of electricity purchased was \$37,012 in 1925.

Table 9.- Power installed by classes, 1925.

Classes of power	Number of Units	Horse power according to manufacturers' rating
Steam engines and turbines	5	225
Electric motors operated by purchased power	111	2,525
Total power used in manufactures	116	2,750

IMPORTS AND EXPORTS

Imports.- The quantity and value of the raw, partly and fully manufactured articles relating to this industry imported for consumption in Canada are shown in table 9 for the calendar year 1925, by countries.

Exports.- There are no exports of cocoa or chocolate in any form reported in the trade returns for the Dominion.

Table 9.- Imports of Cocoa and Chocolate and Preparations, 1925.

Articles by countries	Quantity	Value \$
Cocoa beans, not roasted, crushed or ground	Total	142,007
United Kingdom	Cwt.	51,303
United States	"	33,946
Ceylon	"	3,026
Br. West Africa	"	27,166
Jamaica	"	1,151
Trinidad and Tobago	"	15,484
Other Br. West Indies	"	7,803
Other countries	"	2,128
Cocoa nibs and shells -	Total	848
United States	Lb.	848
Cocoa butter -	Total	5,048,239
United Kingdom	Lb.	246,076
United States	"	2,418,547
Germany	"	141,083
Netherlands	"	2,242,383
Cocoa paste or liquor, chocolate paste or liquor, not sweetened, in blocks or cakes -	Total	75,854
United States	Lb.	72,442
Other Countries	"	3,412
Cocoa and chocolate paste or liquor, sweetened in blocks or cakes, not less than two pounds in weight -	Total	100,860
Switzerland	Lb.	6,322
United States	"	87,560
Other countries	"	6,978
Cocoa or chocolate, preparations of, in powdered form -	Total	1,799,079
United Kingdom	Lb.	204,740
United States	"	1,472,205
Netherlands	"	90,721
Other countries	"	31,413
Cocoa or chocolate, preparations of, n.o.p.	Total	68,423
United Kingdom	Lb.	587
United States	"	67,302
Other countries	"	534
Total cocoa and chocolate	-	3,055,847

COCOA AND CHOCOLATE MANUFACTURERS IN CANADA, 1925.

NOVA SCOTIA

John P. Mott and Company

Dartmouth

QUEBEC

Walter Baker and Co. Ltd.

Montreal

J. S. Fry & Sons (Canada) Ltd.

Montreal

ONTARIO

The Cowan Co. Ltd.

Toronto

Dominion Chocolate Co. Ltd.

Toronto

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