CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

REPORT
on the
COCOA AND CHOCOLATE INDUSTRY
in
CANADA
1926

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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.

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OTTAWA - CANADA

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THE COCOA AND CHOCOLATE INDUSTRY, 1926

Ottawa, January, 1928.- A report on the Cocoa and Chocolate Industry in Canada for the calendar year 1926 is presented herewith. Reports were received from four operating plants and located by provinces as follows:- 2 in Ontario, and 2 in Quebec. 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 1925 and 1926 with a column showing increase or decrease for each item.

Table 1. - Principal Statistics Compared, 1925 and 1926.

Principal Statistics	Unit	1925	1926	+ Increase - Decrease
Establishments reporting	No.	5	4	- 1
Capital invested	$	4,518,332	3,866,497	- 651,835
Employees on salaries:-				
Male	No.	106	106	- -
Female	No.	20	22	+ 2
Total salaries	$	249,034	250,079	+ 1,045
Employees on wages:-				
Male	No.	258	246	- 12
Female	No.	225	209	- 16
Total wages	$	414,829	395,658	- 19,171
Cost of fuel and electricity	$	71,974	67,654	- 4,320
Power installation:-				
Units	No.	116	162	+ 46
Capacity	H.P.	2,750	2,597	- 153
Cost of materials used	$	2,423,240	2,364,882	- 58,358
Gross value of products	$	3,874,919	3,906,087	+ 31,168
Net value of products	$	1,451,679	1,541,205	+ 89,526

THE COCOA AND CHOCOLATE INDUSTRY, 1926.

PRODUCTION STATISTICS

The quantity and selling value at the factory of the various products of the industry during the calendar years 1925 and 1926 is shown in table 2. The quantity of cocoa produced shows a decrease of 126,914 lbs. in quantity but an increase of $40,064 in value, whilst chocolate, on the other hand, increased in quantity produced by 1,375,005 lbs. and in value by $407,211. Cocoa butter decreased in quantity by 71,173 lbs. but increased in value by $15,931, while the decrease in the production of chocolate confectionery amounted to 1,374,823 lbs. and the value by $422,711. The increase in total value of production over 1925 was $31,168.

Table 2. - Production of Cocoa and Chocolate, 1925 and 1926.

Products	Unit	1925 Quantity	1925 Selling value at factory	1926 Quantity	1926 Selling value at factory
			$		$
Cocoa	lb.	2,328,329	594,029	2,201,415	634,093
Cocoa butter	lb.	993,497	278,379	922,324	294,310
Chocolate	lb.	7,478,720	1,438,319	8,853,725	1,845,530
Chocolate confectionery	lb.	5,066,694	1,554,865	3,691,871	1,132,154
Other products	lb.	20,000	9,327		
Total value		-	3,874,919	-	3,906,087

CAPITAL INVESTMENT

The amount of capital invested in the cocoa and chocolate industry in 1926 is presented by classes in table 3. There was a decrease compared with 1925 of $651,835 or 14.4 per cent accounted for by the decrease in the number of operating plants. Fixed capital including land, buildings, machinery and tools amounted to $2,119,241 and working capital including materials and stocks on hand, etc. and cash, trading and operating accounts totalled $1,747,256. Fixed capital decreased by $938,539, while working capital on the other hand increased by $286,704 or a net decrease as stated above of $651,835.

Table 3. - Capital Investment 1925 and 1926.

	Fixed Capital	Working Capital: Materials and stocks on hand, etc.	Working Capital: Cash, trading and operating accts. etc.	Total Capital
	$	$	$	$
Capital invested in Canada, 1925	3,057,780	1,011,803	448,749	4,518,332
Capital invested in Canada, 1926	2,119,241	604,174	1,143,082	3,866,497

EMPLOYMENT STATISTICS

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

Table 4.- Employees, salaries and wages by classes and sex, 1926.
Table 5.- Employees on wages by months and sex, 1926.
Table 6.- Operating time of plants and employees, 1926.

Table 4 deals with the number of persons at employment in the industry by classes of employment, sex and remuneration. There was an increase in 1926 as compared with 1925 of 2 in the number of salaried employees and of $1,045 in the amount paid for salaries. Wage earners decreased in number by 28, of whom 12 were males and 16 females, with a corresponding decrease of $19,171 in the payment for wages. Salaries per employee show an approximate percentage of decrease of 1.15 per cent and wages an increase of 1.4 per cent over 1925.

Table 4.- Employees, Salaries and Wages, 1926.

Classes of Employees	Male	Female	Total Salaries and wages
Salaried employees	106	22	250,079
Employees on wages, average number	246	209	395,658
Totals	352	231	645,737

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 1926. The months of highest employment were October and November with totals of 521 for each month, whilst that of lowest employment was June with a monthly total of 423. The monthly average for the year was 455 of whom 246 were males and 209 were females.

Table 5.- Employment by months, 1926.

Months	Wage-earners		Months	Wage-earners	
	Male	Female		Male	Female
January	249	182	July	233	223
February	249	193	August	231	223
March	242	174	September	253	242
April	237	179	October	266	255
May	236	196	November	269	252
June	230	193	December	252	198
Total number employed by months				2947	2510
Average monthly employment during year				246	209

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, 1926.

	4	
	Totals	Averages
Number of plants reporting		
Days in operation -		
On full time	1,063	265.75
On part time	88	22.00
Idle	65	16.25
Hours worked per employee -		
Per day or shift	4,702	8.80
Per week	193	48.25

MATERIALS USED

The quantity and cost value delivered at the factory, including freight and duty, of the materials used in the industry during 1926 are shown in table 7. The total cost in 1926 amounted to $2,364,882, a decrease of $58,358 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, 1926.

Kinds of materials	Unit	Quantity	Cost value at works
			$
Cocoa beans	pound	8,630,714	1,005,730
Cocoa butter	"	1,898,346	485,509
Vanilla beans	"	751	3,053
Sugar	"	5,702,620	330,471
Milk powder	"	602,442	106,339
Glucose	"	239,758	9,197
Nuts, all kinds	"	216,564	53,788
Flour	"	337	16
Spice materials, all kinds	"	81,583	6,614
Essences, essential oils, etc.	gal.	2,153	20,325
All other materials (value only)	-	-	23,351
Containers, labels, etc. (value only)	-	-	320,489
Total cost of materials and containers	-	-	2,364,882

FUEL CONSUMPTION

The consumption of fuel of various kinds during 1926 is presented in table 8 by quantity and cost value at the factory or works. The total cost of fuel fell from $34,962 in 1925 to $32,801 in 1926. Coal of all kinds cost $29,729 and gas $3,072.

THE COCOA AND CHOCOLATE INDUSTRY, 1926
FUEL CONSUMPTION (continued)

Table 8.- Fuel consumption, 1926.

Classes of fuel	Unit	Quantity	Cost value at the works $
Bituminous coal	ton	4,965	29,729
Anthracite coal	"	-	-
Gas, antificial	m.c.ft.	3,128	3,072
Total cost of fuel	-	-	32,801

POWER INSTALLATION

Power installation is shown for the industry by classes in table 9. Primary power consisted of 4 steam engines having a rated horse power of 110, a decrease of one engine and 115 horse power as compared with 1925. Electric motors increased from 111 units of 2,525 horse power in 1925 to 158 units of 2,487 horse power in 1926. The cost of electricity purchased was $34,853 in 1926.

Table 9.- Power installed by classes, 1926.

Classes of power	Number of Units	Horse power according to manufacturers' rating
Steam engines and turbines	4	110
Electric motors operated by purchased power	158	2,487
Total power used in manufactures	162	2,597

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 10 for the calendar year 1926, by countries.

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

Table 10.- Imports of Cocoa and Chocolate and Preparations, 1926.

Articles by countries		Quantity	Value
Cocoa beans, not roasted, crushed or ground	Total	153,155	1,726,317
United Kingdom	Cwt.	36,925	419,923
United States	"	32,001	417,827
Ceylon	"	4,862	60,701
Br. West Africa	"	54,966	536,142
Jamaica	"	6,189	58,758
Trinidad and Tobago	"	13,080	170,271
Other Br. West Indies	"	3,362	36,264
Other countries	"	1,570	26,431
Cocoa butter -	Total	5,344,173	1,420,095
United Kingdom	Lb.	165,653	55,565
United States	"	915,922	277,592
Germany	"	10,634	2,898
Netherlands	"	4,251,909	1,084,023
Other countries	"	55	17
Cocoa paste or liquor, chocolate paste or liquor, not sweetened, in blocks or cakes -	Total	42,916	9,415
United Kingdom	Lb.	2,146	204
United States	"	37,650	8,430
Other Countries	"	3,120	781
Cocoa and chocolate paste or liquor, sweetened in blocks or cakes, not less than two pounds in weight -	Total	89,805	26,333
United Kingdom	Lb.	784	251
Switzerland	"	24,100	8,663
United States	"	55,697	14,816
Other countries	"	9,224	2,603
Cocoa or chocolate, preparations of, in powdered form -	Total	1,305,540	114,480
United Kingdom	Lb.	213,129	36,361
United States	"	933,121	55,770
Netherlands	"	137,894	20,322
Other countries	"	21,396	2,027
Cocoa or chocolate, preparations of, n.o.p.	Total	157,010	31,967
United Kingdom	Lb.	40,766	14,861
United States	"	107,191	14,351
Other countries	"	9,053	2,755
Total cocoa and chocolate		-	3,328,607

THE COCOA AND CHOCOLATE INDUSTRY, 1926.

COCOA AND CHOCOLATE MANUFACTURERS IN CANADA, 1926.

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