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

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REPORT

on the

# DYEING CLEANING & LAUNDRY INDUSTRY

in CANADA 1925-1926

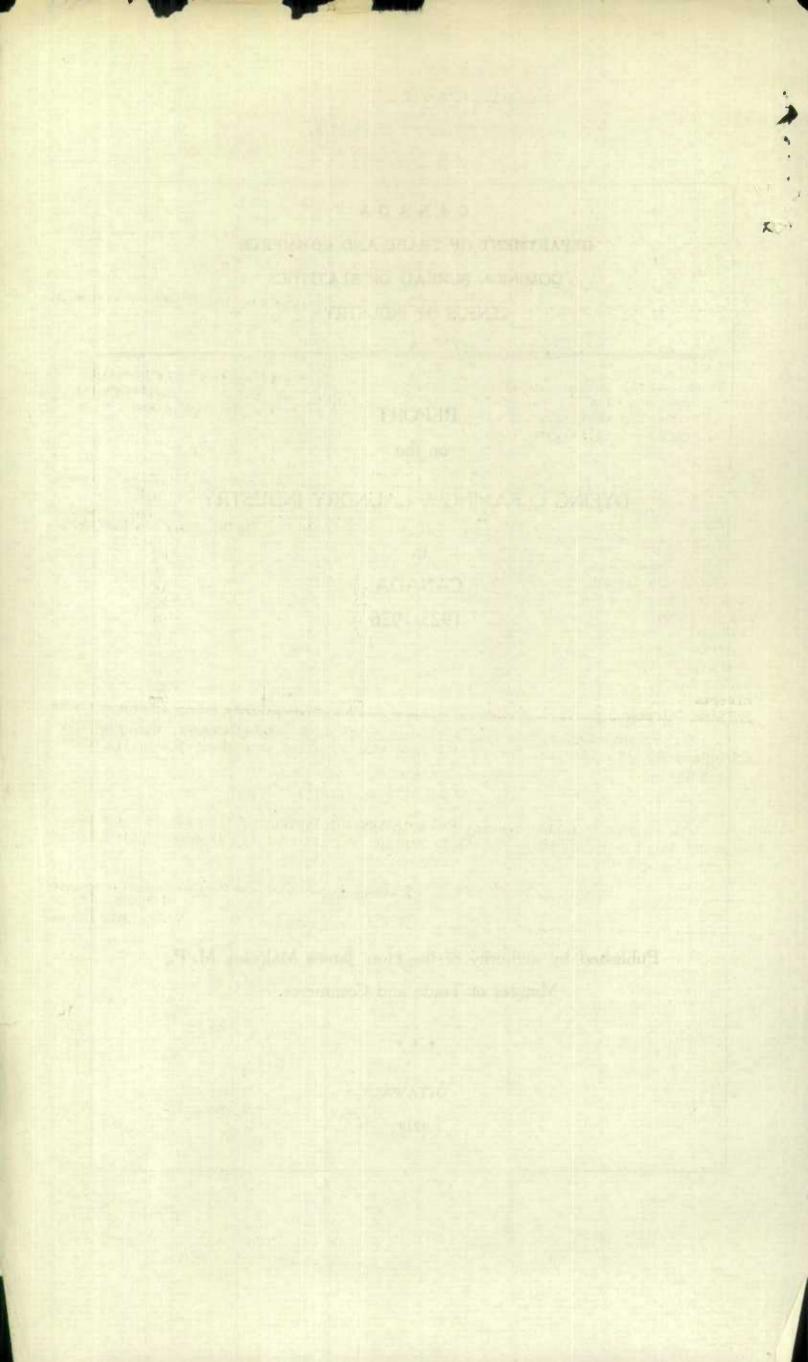
Published by authority of the Hon. James Malcolm, M. P., Minister of Trade and Commerce.

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OTTAWA

1928



DEPARTICENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS. CINSUS OF INDUSTRY OTTAWA - CANADA

Dominion Statistician: Chief, Census of Industry:

R.H. Coats, B.A., F.S.S. (Hon.), F. R. S. C. J. C. Macpherson

## DYEING, CLEANING AND LAUNDRY WORK

Ottawa, April, 1928. The initial report on the above named industry is herewith presented for the calendar years 1925 and 1926. The number of establishments reporting to the Bureau by provinces during each year are given in the statement following:-

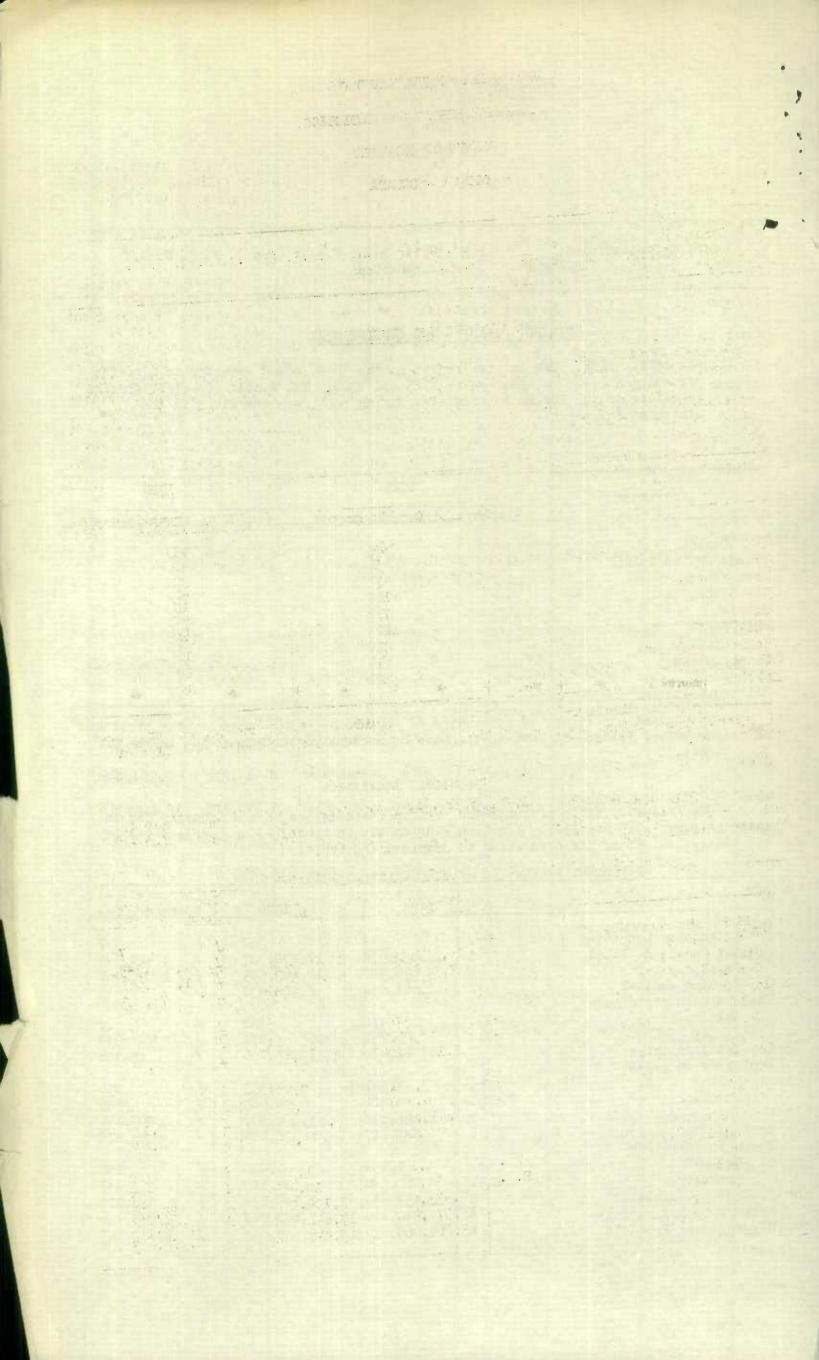
Provinces	1925	1926		
	Number of Establishments	Number of establishments		
Canada	343	350		
Prince Edward Island	1	1		
Nova Scotia	17	15		
New Brunswick	18	18		
Quebec	72	76		
Ontario	123	136		
Manitoba	20	16		
Saskatchewan	14	124		
Alberta	22	18		
British Columbia	56	56		

To prevent disclosure of statistics of individual establishments, the provinces of Prince Edward Island and Nova Scotia have been combined throughout the tables of this report.

#### Principal Statistics

The following table presents the principal statistics of the industry for the calendar years 1925 and 1926. A column showing the increase  $(\neq)$  or decrease (-) of the statistical items has been added to complete the table.

Principal	Statistics of	the Industry,	1925 and 1926			
		1925	1926	Increase (+) Decrease (-)		
Establishments reporting Capital invested, total Fixed capital Working capital Employees on salaries -	No. \$	343 15,857,978 13,196,927 2,661,051	350 17,278,327 14,693,889 2,584,438	++++-	7 1,420,349 1,496,962 76,613	
Male Female Total salaries	No. No. \$	370 252 1,142,410	382 271 1,225,766	<i>+</i> <i>+</i> <i>+</i>	12 19 83,356	
Employees on wages - Male Female Total wages Cost of fuel	No. No. \$	3,061 4,406 6,195,698 823,207	3,357 4,965 7,002,897 878,085	+++++	296 559 807,199 54,878	
Power installation Units Capacity Cost of Materials Gross value of products Net Value of Products	No. H.P. \$ \$	1,158 11,548 2,433,053 15,578,482 13,065,429	1,308 12,485 2,104,176 17,642,268 15,538,092	+++++++++++++++++++++++++++++++++++++++	150 937 328,877 2,063,786 2,472,663	



#### -2-DYEINGLOLEANING AND LAUNDRY WORK

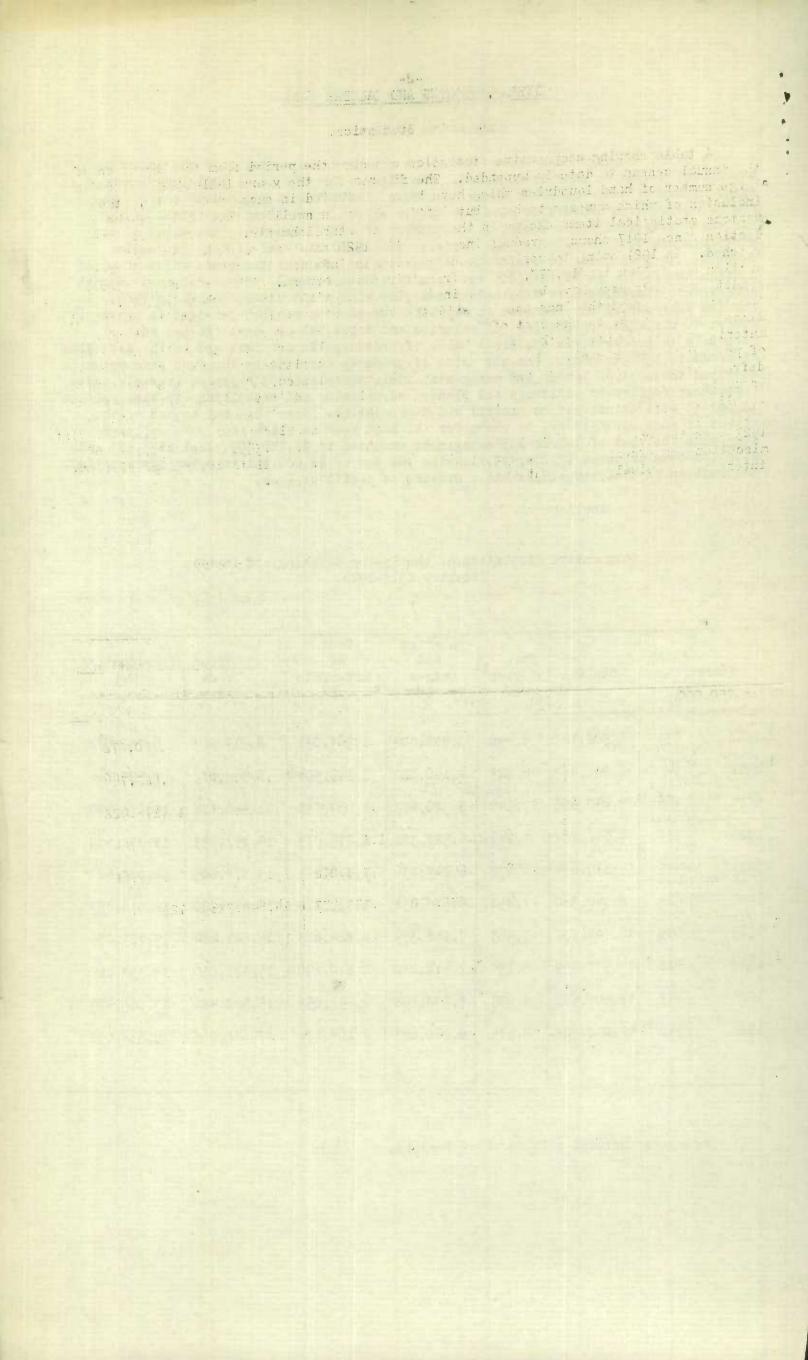
#### Comparative Statistics.

A table showing comparative statistics covering the period from the inception of the annual census to date is appended. The figures for the years 1921-1924 included a large number of hand laundries which have been eliminated in succeeding years, the inclusion of which appears to have but little effect in ewelling the totals of the · various statistical items except in the number of establishments. The value of production since 1917 shows a gradual increase till 1920 the year of high prices is reached. In 1921 owing to world-wide depression in industry the gross value of production had fallen to \$13,878,805 but from this date forward, with a return to normal conditions, increases have been maintained, the high point being reached in 1926. In the ten year period the increase in capital . investments was 165 per cent in employment, almost 40 per cent, in the cost of salaries and wages 141 per cent, in the cost of materials 34 per cent, in the gross value of products 112 per cent and in the net value of products 130 per cent. The net value of products constitutes the fund from which is defrayed the cost of labour and management, fuel, miscellaneous expenses (rentals, taxes, insurance, repairs to buildings and plants, advertising and travelling expenses, office supplies, etc.). interest on capital and depreciation. Some idea may be had of the extent of such expenditures as shown for the last year in which they were collected, viz: 1923 when the cost of labour and management amounted to \$7,156,359, fuel \$835,583 and miscellaneous expenses \$3,734,493, leaving the sum of \$2,000,621 to cover depreciation, interest on capital investment and a measure of profit or loss.

	Estab-		Em-	Salaries and	Cost of	Value	of Production
Years	lish- ments Nc.	Capital \$	ployees <sup>1</sup> No.	wages \$	materials \$	Gross \$	Net \$
1917	333	6,568,727	6,496	3,911,924	1,569,031	8,319,103	6,750,072
1918	341	6,801,443	6,523	4,140,720	1,440,506	8,969,272	7,528,766
1919	366	8,440,606	7,240	5,320,612	1,664,850	11,840,778	10,175,928
1920	379	9,601,764	7,246	6,527,321	1,835,375	14,167,933	12,332,558
1921	535	7,870,654	6,872	6,247,736	1,796,202	13,878,805	12,082,603
1922	620	8,740,368	7,490,	6,538,832	1,733,273	14,649,726	12,916,453
1923	605	10,798,737	7,969	7,156,359	1,824,628	15,551,684	13,727,056
1924	518	14,930,859	8,134	7,512,280	2,218,890	15,577,050	13,358,160
1925	343	15,857,978	8,089	7,338,108	2,433,053	15,578,482	13,065,429
1926	350	17,278,327	8,975	8,228,663	2,104,176	17,542,268	15,538,092

Comparative Statistics of the Dyeing, Cleaning and Laundry Industry, 1917-1926.

1/ Employees included outside piece-workers.



#### DYFING, CLEANING AND LAUNDRY WORK

#### Size of Establishments.

The tendency towards concentration in industrial enterprises is exemplified in a series of tables showing in a threefold way the size of establishments in the Laundry and Dyeing Industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed, all within certain groups or limitations, for the calendar years 1925 and 1926. The tables also serve to indicate the movement of capital, production and employment within the industry.

In 1925, the number of establishments reporting was 343 with a total capital investment of \$15,857,978, a total gross value of production of \$15,578,482 and a total employment of 8,038 inside employees. Of the total number of establishments 16 had a combined capital investment of \$6,088,458 or 39 per cent of the investment and an average investment of \$380,529 per plant; 11 establishments had a gross value of production amounting to \$3,227,445 or 21 per cent of the total production and an average production per plant of \$293,404. In employment 11 establishments had 1,719 persons on the payroll or 21 per cent of the total number employed and an average employment of 156 per plant.

In 1926, the total number of establishments reporting had risen to 350, the total capital investment to \$17,278,327, the gross value of production to \$17,642,268 and the total employment to 8,972. Of the total number of establishments 19 had a total invested capital of \$7,067,537 or 41 per cent of the total and an average investment per plant of \$371,976. Fifteen establishments had a combined output of \$4,689,236 or more than 26 per cent of the total and an average output of \$312,616 per establishment. In employment 15 establishments had a combined payroll of 2,324 individuals or 26 per cent of the total with an average employment of 155 per establishment.

(a) Capital invested, in establishments grouped according to value, 1925, and 1926.

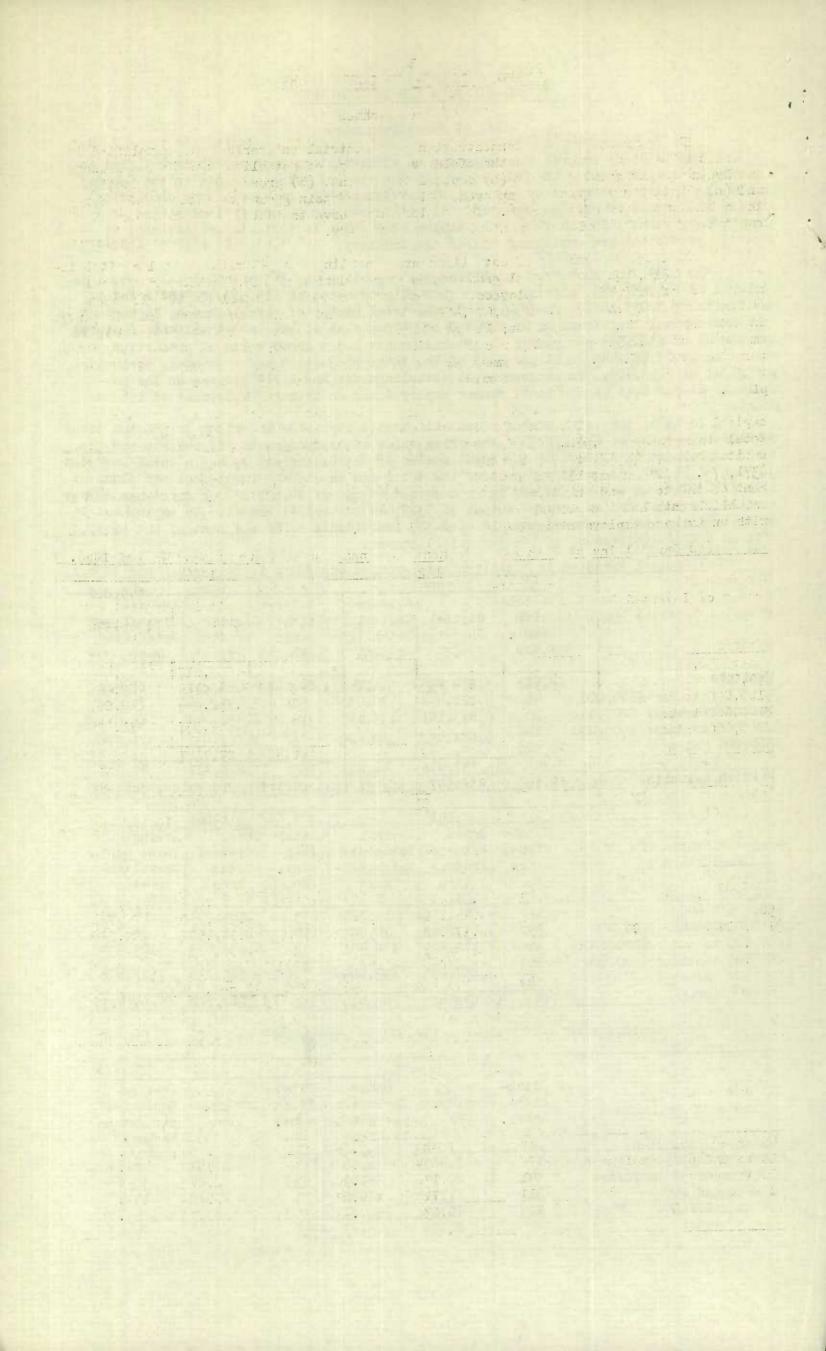
		1925			1926	
	Estab-		Average	Estab-		Average
Groups of Invested Capital	lish-	Capital	Capital per	lish-	Capital	Capital per
	ments	Invested	Establish-	ments	Invested	Establish-
	No.	\$	ment	No.	\$	ment
			\$			\$
Under \$50,000	261	3,874,895	14,746	262	4,058,217	15,489
\$50,000 to under \$100,000	46	3,221,444	70,031	50	3,699,929	
\$100,000 to under \$200,000	20	2,673,181	133,659	: 19	2,452,644	129,087
\$200,000 to under \$500,000 \$500,000 and over	14)	6,088,458	380,529	17)	7,067,537	371,976
				E1		lia de
TOTAL	343	15,857,978	46,233	350	17,278,327	49,367

(b) Gross value of production in establishments grouped according to value, 1925&1926.

		1925		1926			
	Estab-	Grass	Average	Estab.	- Gonss	Average	
Groups of Value of	lish-	Value of	Value per	lish-	Value of	Value per	
Production	ments	Produc-	Establish-	ments	Produc-	Establish-	
	No.	tion	ment	No.	tion	ment	
		\$	\$		\$	\$	
Under \$50,000	241	4,045,190	16,785	233	3,863,204	16,580	
\$50,000 to under \$100,000	59	4,133,018	70,051	70	4,951,150		
\$100,000 to under \$200,000	32	4,172,829	130,401	32	4,138,678	129,334	
\$200,000 to under \$500,000 \$500,000 and over	10)	3,227,445	293,404	13) 2)	4,689,236	312,616	
TOTAL	343	15,578,482	45,419	350	17,642,268	50,407	

(c) Imployees in establishments grouped by number 1925 and 1926

		192		1926			
				Estab-	Average Employees		
Groups of Employees	ments	No.	per Estab-		No.	per Estab-	
	No.		lishment	No.		lishment No.	
Under 20 employees	217	1,489	No.86	211	1,452	6.88	
20 to under 50 employees	84	2,694	22.07	85	2,624	30.87	
50 to under 100 "	31	2,136	68.90	39	2,572	65.95	
100 to under 500 "	111	1,719	156.27	15	2,324	154.93	
TOTAL	343	8,038	23.43	350	8,972	25.63	



## \_4\_ DYEING, CLEANING AND LAUNDRY WORK

#### Production Statistics

1

The statistics of production in the Laundry and Dyeing Industry for the calendar years 1925 and 1926 are shown by values only in Table 1. The increase in production over 1925 was \$2,063,786 and the provinces contributing thereto were in order, Ontario \$862,900, Quebec \$763,691, British Columbia \$240,771, Manitoba \$73,660, Saskatchewan \$62,977, Alberta 25,619, New Brunswick \$18,652, Nova Scotia \$15,729. The only province showing a decrease was Prince Edward Island amounting to \$213. The statistics for Prince Edward Island have been combined with those of Nova Scotia to prevent **disclosure** of individual information.

The statistics published in the present statement are not to be considered as comprehensive because such operations as dyeing, bleaching, etc., are also carried on in various textile industries as a principal process in the preparation of their finished products to adapt them for sale.

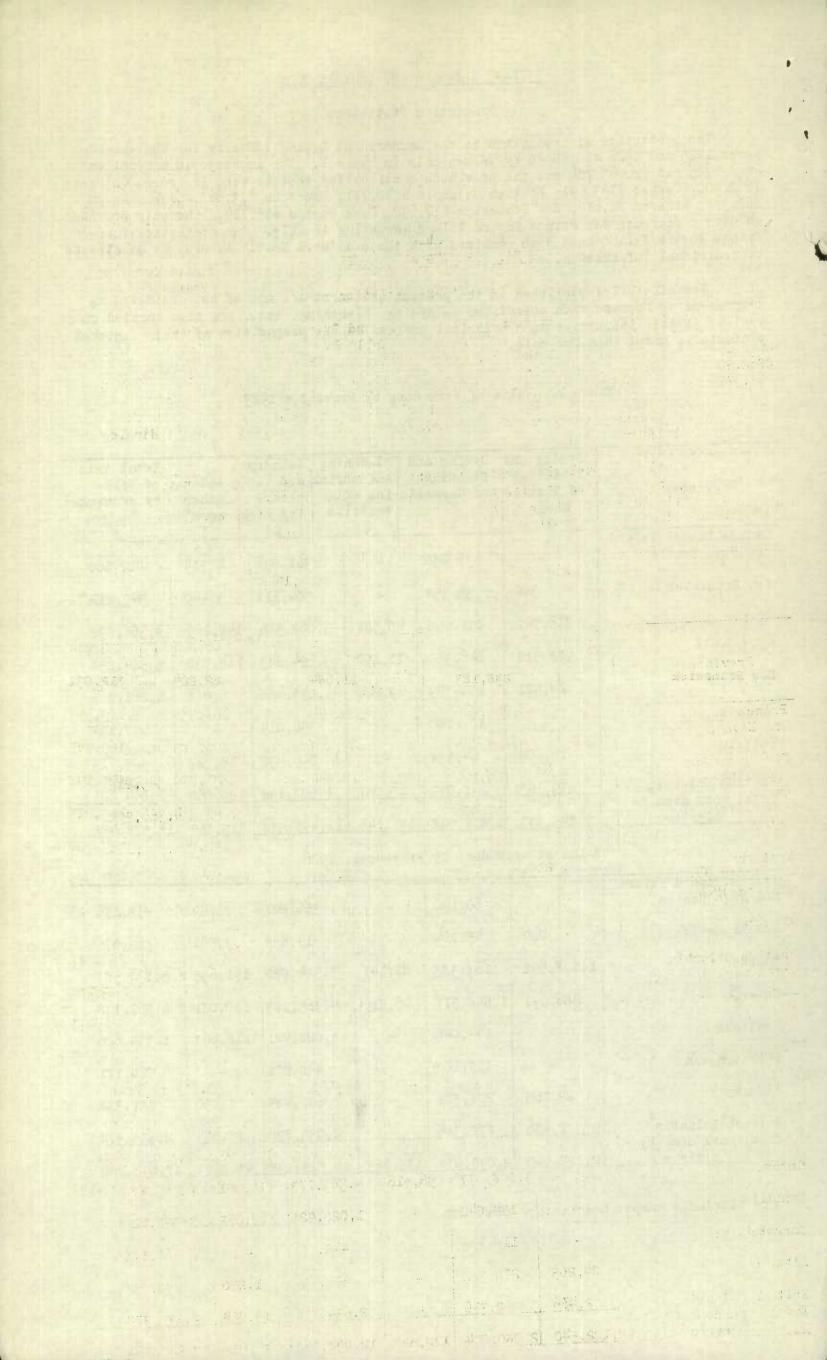
Provinces	Dyeing and finishing of Textile Goods \$	Dyeing and Cleaning of Garmen	and sh	:= clean-	All other	Total Value of Work by provinces \$
Prince Edward Island and Nova Scotia	-	36,250	-	361,896	4,514	402,660
New Brunswick	300	35,358	-	304,111	5,449	.345.218
Quebec	816,501	297,955	40,581	3,063,586	148,269	4,366.892
Ontario	978,918	846,355	71,292	3,694,843	112,830	5,704,238
Manitoba	14,921	188,349	9,220	1,043,458	6,018	1,261,966
Saskatchewan	-	101,180	-	396,014	-	497,194
Alberta	16,000	64,554	-	806,432	18,727	905,713
British Columbia Total work done by	19,193	238,097	10,051	1,807,198	20,062	2,094.601
		1,808,098		11,477,538		15,578,482

Table 1. Value of Work done by Provinces, 1925

Value of work done by Provinces, 1926

Prince Edward Island and Nova Scotia		60,190	-	356,227	1,759	418,176
New Brunswick	250	45,264		314,855	3,501	363,870
Quebec	1,108,598	163,383	82,147	3,584,820	191,635	5,130,583
Ontario	986,991	1,008,377	96,516	4,365,173	110,081	6,567,138
Manitoba	-	194,042		1,028,921	112,663	1,335,626
Saskatchewan	-	118,100	-	442,071	-	560,171
Alberta	24,265	208,382	ind.	697,435	1,250	931,332
British Columbia Total work done by	2,436	282,336		2,034,796	15,804	2,335,372
classes	2,122.540	2,080,074	178,663	12,824,298	436,693	17,642,268

1/ Includes carpet and feather cleaning.



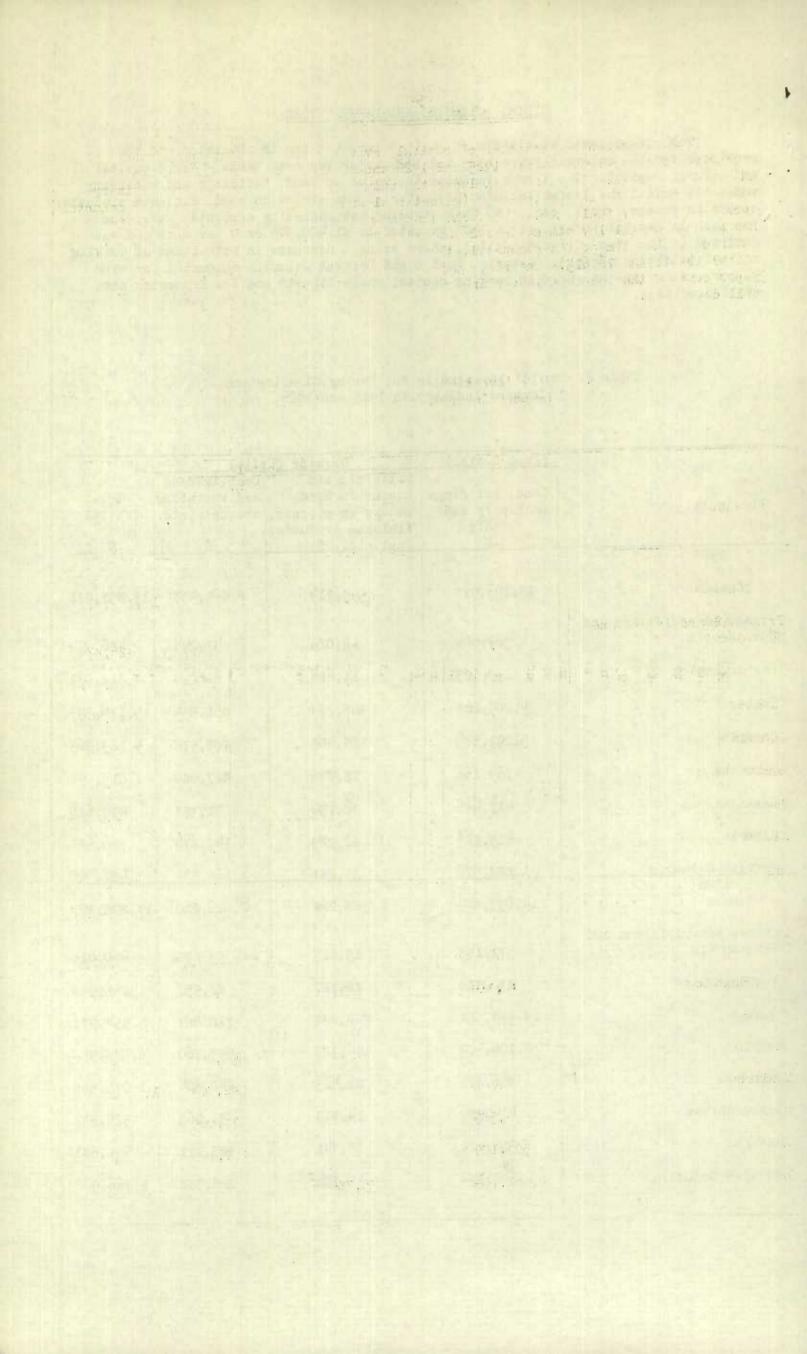
# DYEING, CLEANING AND LAUNDRY WORK

4

Table 2 presents statistics of capital invested for the Dominion and the provinces for the calendar years 1925 and 1926 under two main heads,- fixed capital • and working capital. The former includes the value of land, buildings and machinery and tools whilst the latter includes (a) material and stocks on hand, finished products, stocks in process, fuel, etc., (b) Cash, trading and operating accounts, etc. The 'increase in capital investment in 1926 amounted to \$1,420,349 or 9 per cent and was confined to the item of fixed capital, there being a decrease in both items of working capital totalling \$76,613. Ontario, Quebec and British Columbia accounted for over 98 per cent of the increase in working capital while Alberta and New Brunswick show small decreases.

	Fixed Capital	Working Ca		
			Cash, trading	
Devening	Land, buildings		and operating	
Provinces	machinery and	stocks in process,	accounts, etc.	Capital
	tools	finished products,		\$
1925	\$\$	fuel.etc. \$		
L)L)				
Canada	13,196,927	595,714	2,065,337	15,857,978
	-)	555114		-51-51151-
Prince Edward Island and				
Nova Scotia	367,604	12,026	47,244	426,874
New Brunswick	238,123	11,684	62,224	312,031
~ 1	1.000 0(0		((0 -))	E 3 70 507
Quebec	4,209,265	308,794	661,534	5,179,593
Ontario	5,291,884	169,404	708,575	6,169,863
Untario	2,291,004	109,404	100,010	0,109,009
Manitoba	769,166	18,846	227,080	1,015,092
	10),200			
Saskatchewan	417,486	20,756	41,373	479,615
Alberta	619,823	22,923	147,774	790,520
			- (	- 1 dl 200
British Columbia	1,283,576	31,281	169,533	1,484,390
1926 Canada	14,693,889	568,228	2,016,210	17,278,327
Uaria da	14,099,009	100,220	2,010,210	11,210,321
Prince Edward Island and				
Nova Scotia	371,158	15,015	53,838	440,011
New Brunswick	234.314	12,727	22,957	265,998
Quebec	4,599,352	244,832	710,287	5,554,471
	( 100 1170	101 707		6 444 050
Ontario	6,100,472	194,727	593,760	6,888,959
Manitoba	806,281	21,423	242,804	1,070,508
Mani toola	000,201	LI, IL)	212,001	1,010,000
Saskatchewan	474,389	14,379	37,065	525,833
			,,,,,,	
Alberta	509,129	29,341	127,111	665,581
British Columbia	1,602,794	35,784	228,388	1,866,966
				1

Table 2. Capital invested in the Dyeing, Cleaning and Laundry Industry in 1925 and 1926.



#### DYEING, CLEANING AND LAUNDRY JORK

#### Employment Statistics.

Statistics of Employment are presented in the following series of tables for the calendar years 1925 and 1926.

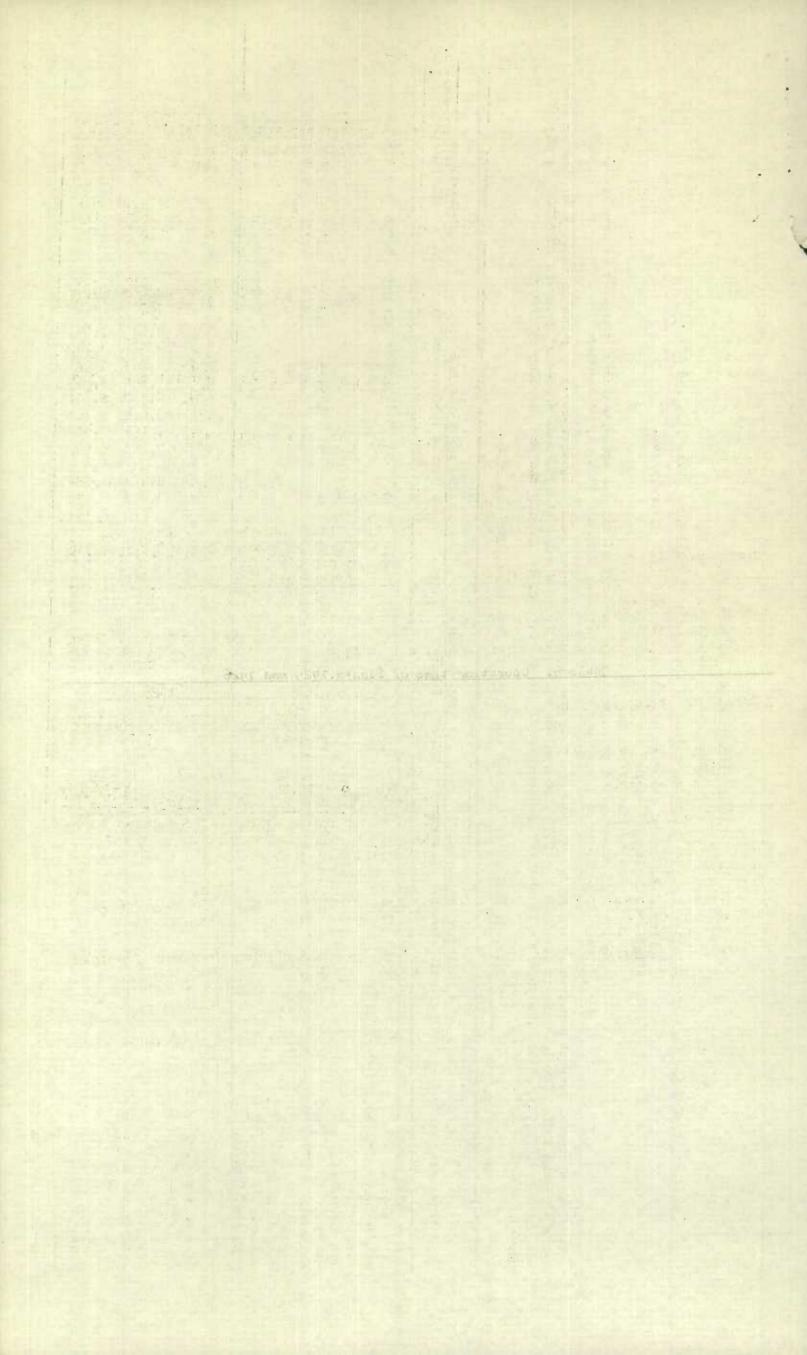
Table 3. Employees, salaries and wages, 1925 and 1926 by provinces. Table 4. Employment by months, 1925 and 1926. Table 5. Norking time of plants, 1925 and 1926. Table 6.(a) Hours worked by wage-earners in month of highest employment, 1925 and 1926 by provinces. Table 6.(b) Hours of labour per day and per week 1925 and 1926, by provinces.

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5.4

The number of persons employed according to sex together with the amounts paid for salaries, wages, etc., is shown in table 3 for the calendar years 1925 and 1926. The increase in employment in 1926 numbered 886 of whom 308 were males and 578 were females. Salaries increased by  $\varphi 83,356$  and wages by  $\varphi 827,513$ , whilst the payments to outside piece-workers decreased by  $\varphi 20,314$  leaving the net increase at  $\varphi 890,555$ .

	Sala	Salaried Employees		√age-earners			Outside piece-workers			Total Employees		
Provinces	Male	Female .	Salaries	Male	Female	Jages	imale	Female	Payments to		Female	Salaries, wages, etc
	No.	No.	12	No.	No.		No.	No.	<u> </u>	Nc.	ivo.	<u>ş</u>
1925												
Ganada	370	252	1,142,410	3,023	4,393	6,172,412	38:	13	23,286	3,431	4,658	7,338,108
Prince Edward Island and					Sector Res							
Nova Scotia	9	5.	32,246	81	133	141,340	-		-	90	138	
New Brunswick	9	9	23,668	75	93	110,209	-	-	-	84	102	133,877
vue bec	109	45	329,718	960	1,167	1,657,293	36	9	18,815	1,105	1,221	
Ontario	135	110	432,678	1,117	1,608	2, 218, 855	1	3	~ .	1,253	1,721	
Lanitoba	31	26	97,330	202	326	523,034	1	-	165	. 234	352	
Saskatchevan	14	5	31,064	81	123	190,188	-	-		95	128	
Alberta	25	14	76,511	135	263	349,300		1	1,106	160	278	
British Columbia	38	38 .	119,185	372	680	982,193	-	-	-	410	718	1,101,378
1926	-											
Canada	382	271	1,225,766	3,356	4,963	6,99,925	1	2	2,972	3,739	5,236	
Brince Edward Island and Hova Scot	ia 10	6	35,908	76	144	143,258	-	-	-	86	150	179,166
New Brunswick	9	6	22,375	77	92	119,902	-	- 1	-	86	98	
Quebec	103	60	368,226	1,053	1,336	1,900,087	-	- 1		1,156		
Ontario	160	123	493,793	1,284	1,804	2,618,279		1	250	1,444	1,928	
Manitoba	24	, 21	76,259	215	358	523,688	-	-	-	239	379	
Saskatchevan	16	13	44,869	86	140	211,036		-	-	102	153	
Alberta	23	17	73, 302	169	293	398,254	-	1	1,134	192	311	472,690
British Columbia	37	25	111,034	396	796	1,085,421	1	-	1,588	434	821	1,198,043

Table 3. Employees, Salaries and Jages by Provinces, 1925 and 1926.



# DYEING, CLEANING AND LAUNDRY WORK

#### Employment Statistics - Con.

Table 4 shows the number at employment in the Dominion classified by sex for each month of the calendar years 1925 and 1926. The maximum of employment was reached in the month of September during both years and the **minimum in** the month of January. The average monthly employment which is based on the actual operating time of each individual plant, rose from 7,416 employees in 1925 to 8,319 in 1926 or approximately 12.2 per cent.

Mable 4. Employees by months and by sex, 1925	h and	1926.
---	-------	-------

	1925		_		1926		
Months	Male	Female	Total	Months	Male	Female	Total
January	2,821	4,198	7,019	January	3,126	4,5451	7,671
February	2,885	4,156	7,041	February	3,174	4,568	7.742
March	2,958	14,237	7,195	March	3,274	4,709	7,983
April	3,045	4,348	7,393	April	3,355	4,858	8,213
May	3,052	4,408	7,460	May	3,341	4,950	8,291
June	3,042	4,464	7,506	June	3,354	5,015	8,369
July	3,065	4,515	7,580	July	3,361	5,125	8,486
August	3,028	4,476	7,504	August	3,370		8,557
September	3,108	4,594	7,702	September	3,468		8,675
October	3,121	4,462	7,583	October	3,464		8,582
November	3,088	4,440	7,528	November	3,386	5,0471	8,433
December	3,059	4,424	7,483	December	3,352	5,012	8,364
Total yearly emp	loyment36,272	52,722	88,994	Total yearly employ-			
				ment	40,025	159,341	99,366
Avorage monthly	employ-			Average monthly	-		
	ment 3,023	4,393	7,416	employment	3,356	4,963	8,319

The operating time of plants is shown in table 5 for the calendar years 1925 and 1926 for the Dominion under three heads; full time, part time and idle. Comparing the averages for the two years the variation between working and idle time was .52 days per plant representing a decline of that extent in 1926.

Table 5. Operating time of Plants, 1925 and 1926	f Plants, 1925 and 1926
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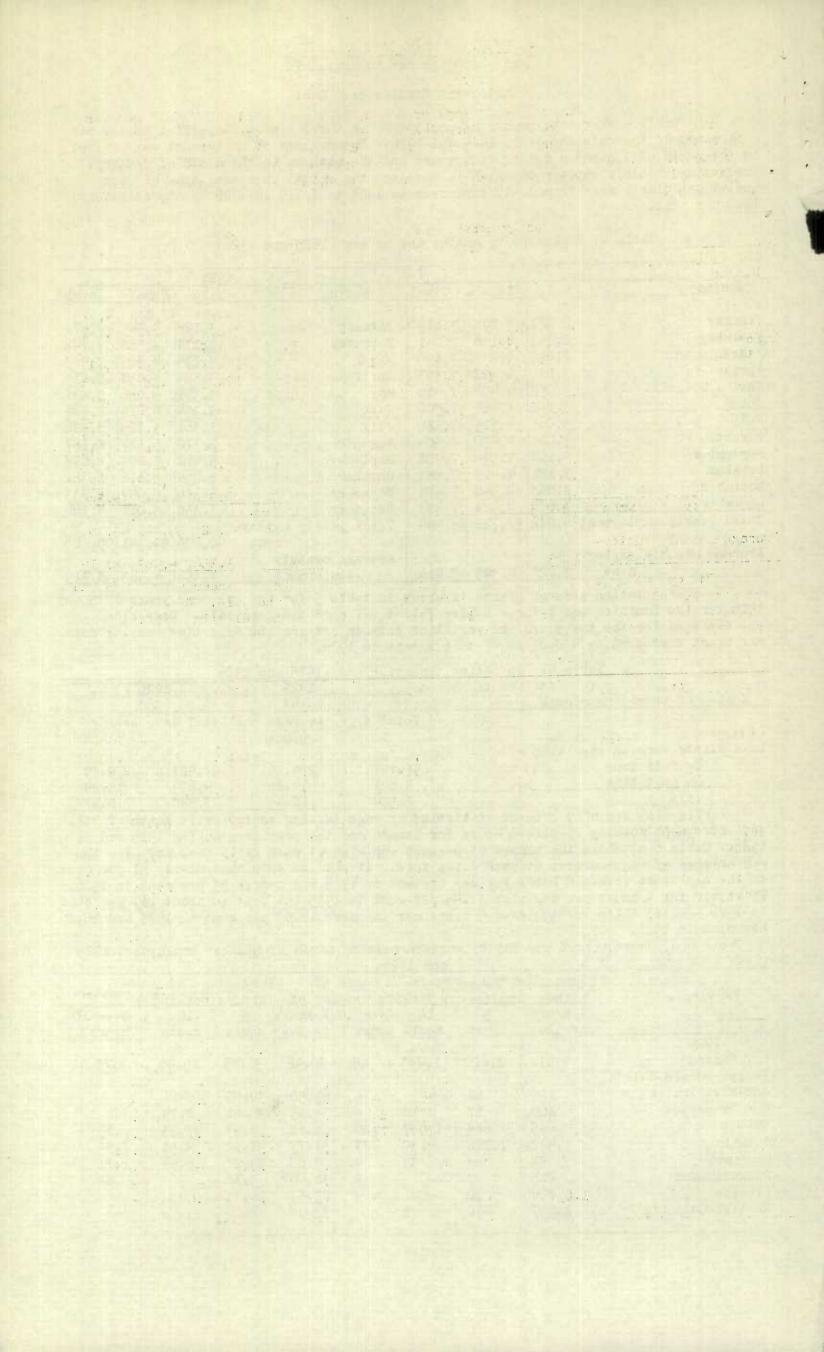
		1925	1926	2
Number of pperating plants		343	350	)
	Total days	Average per	Total days	Average per
	•	plant		plant
Days plants were in operation -		:		
On full time	95.797	279.29	97,927	279.79
On part time	4,891	14.26	4,633	13.24
Idle	3,584	10.45	3,840	10.97

Tables 6(a) and 6(b) present statistics of wage-earning employees, in month of highest employment working specified hours for Canada and the provinces during 1925 and 1926. Table 6(a) shows the number of persons employed at eash daily rate and also the percentages of wage-earners at such daily rate. It will be seen that nearly 51 per cent of the employees worked 8 hours per day or less in 1925 and nearly 53 per cent in 1926. Those working 9 hours per day were 32.45 per cent in 1925 but fell to about .31 per cent in 1926, whilst these working over 9 hours per day were 16.63 per cent in 1925 and 16.20 per cent in 1926.

Table 6(a) Hours worked per day by wage-earners in month of highest employment, 1925

and	19	26	

			Collect 1 /s					
	Number of						age of wa	
Provinces	hishest e	moloyme	nt worki	ng per (	lay of-	earners	working	parti
	8 hours	9 :		Over 10			10	Over 10
	or less	hours	hours	hours	or less	hours	hours	hours
1925				1.5				
Canada	4,111 .	2,620	1,243	99	50.92	32.45	15.40	1.23
Prince Edward Island								
and Nova Scotia	155	68	-	-	69.50	30.50		
New Brunswick	100	67	16	-	54.65	36.61	8.74	-
Quebec	645	684	1,057	20	26.81	28.43	43.93	.83
Ontario	1,492	1,186	130	73	51.79	41.17	4.51	2.53
Manitoba	51	468	39	4	9.08	83.27	6.94	.71
Saskatchewan	215	7		2	96.00	3.12	-	.88
Alberta	356	70		-	83.57	16.43	-	
British Columbia	1.097	70	1	-	93.92	. 6.00	.08	-
						1		



		9		
DYEING,	CLEANING	AND	LAUNDRY	WORK

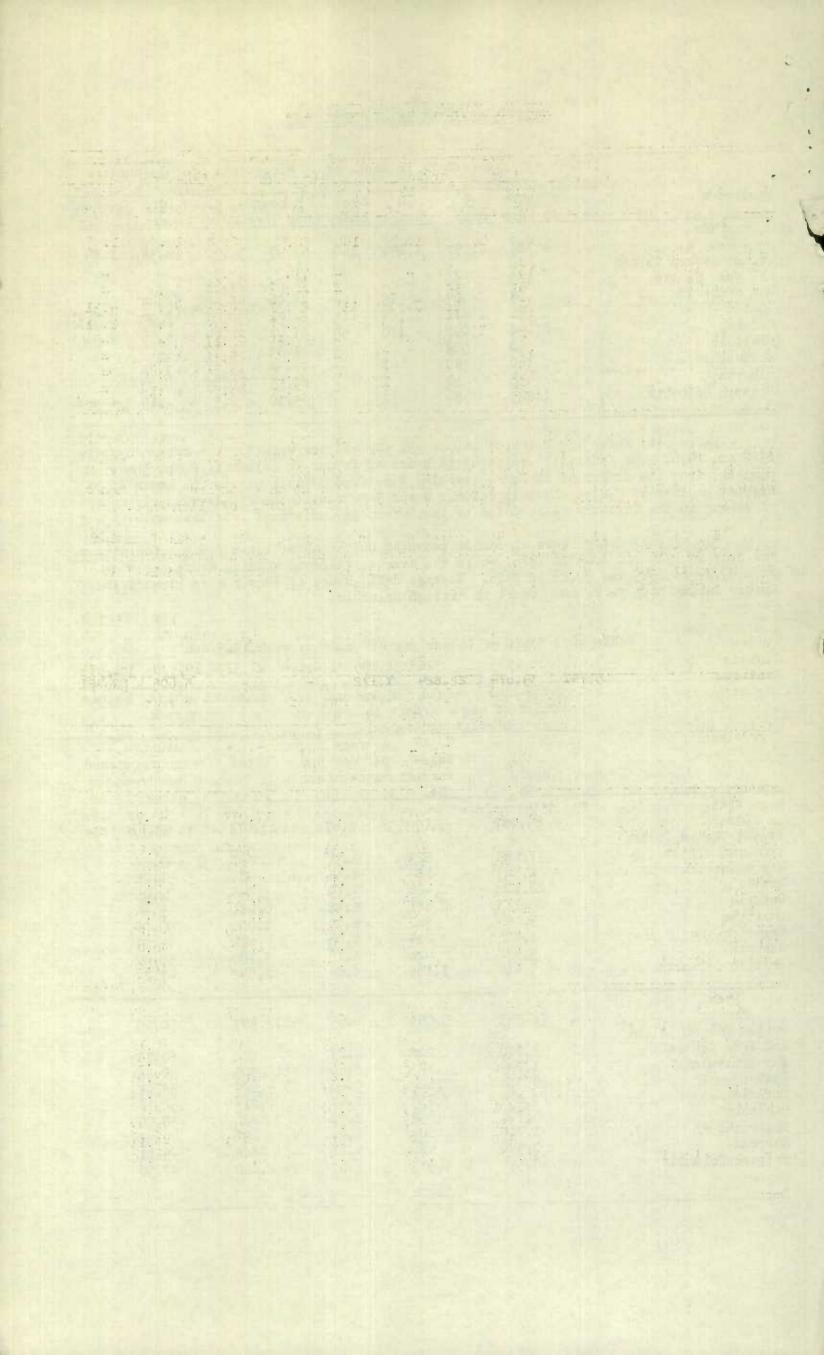
	Number of wage-earners in month of Percentage of Wage-earners									
•	highest employ	ment wo	rking no	r day o	f-	work	ting -			
Provinces	8 hours	9	10	Over 1	0 8 nours	9	10	Over 10		
	or less	hours	hours	hours	or less	hours	hours	hours		
1926										
Sana a	4,789	2,797	1,299	163	52.90	30.90	14.35	1.85		
Prince Edward Island										
and Nova Scotia	162	66	-	-	71.05	28.95		-		
New Brunswick	63	65	15	-	44.06	45.45	10.49			
Quebec	596	811	1,104	113	22.71	30.91	42.07	4.31		
Ontario	2,098	1,090	170	55	61.47	31.94	4.98	1.61		
Man i toba	50	589	-	-	7.83	92.17	-	-		
Saskatchewan	160	40	7	-	77.30	19.32	3.38			
Alberta	435	50	1	-	89.51	10.29	.20	-		
British Columbia	1,225	86	2	-	93.30	6.55	.15	- '		
				1						

Table 6(b) shows the hours of labour per day and per week for the calendar years 1925 and 1926. The statistics relating to hours of labour in column 1, 2 and 3 are compiled from the number of employees working specified daily hours in the month of highest employment whilst those in columns 4 and 5 represent the standard weekly hours of labour in the industry as reported to the Bureau by individual establishments.

The average daily hours of labour computed on the above basis for the Dominion was 8.67 in 1925 and 8.65 in 1926, while the average standard working hours per week were 49.79 in 1925 and 50.25 in 1926. Average daily hours of labour were highest in Quebec during both years and lowest in British Columbia.

Table 6(b) Hours of Labour per day and per week, 1925 and 1926.

	Total hours worked per day and Standard working hours number of wage-earners in month of per weck highest employment								
Provinces	Total hours No.	Total Wage- earners No.	Total	Average hours worked per week					
1925 Canada Prince Edward Island and Nova Scotia New Brunswick Quebec Ontario Man itoba Saskatchewan Alberta British Columbia	69,987 1,852 1,563 22,106 24,713 5,054 1,805 3,478 9,416	8,073 223 183 2,406 2,881 562 224 426 1,168	8.67 8.31 8.54 9.19 8.58 8.99 8.06 8.16 8.09	887 923 3,748 6,081 1,000 690 1,100 2,648	49.79 49.28 51.28 52.05 49.44 50.00 49.29 50.00 47.29				
1926 Canada Prince Edward Island and Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchevan Alberta British Columbia	78,323 1,890 1,239 24,350 28,899 5,701 1,710 3,940 10,594	9,053 228 143 2,624 3,413 639 207 486 1,313	8.65 8.29 8.66 9.28 8.47 8.92 8.26 8.11 8.07	17,587 802 905 4,029 6,815 800 692 884 2,660	50.25 50.12 50.28 53.01 50.11 50.00 49.43 49.11 47.50				



#### -9-DYEING, CLEANING AND LAUNDRY WORK

#### Fuel Consumption

i.

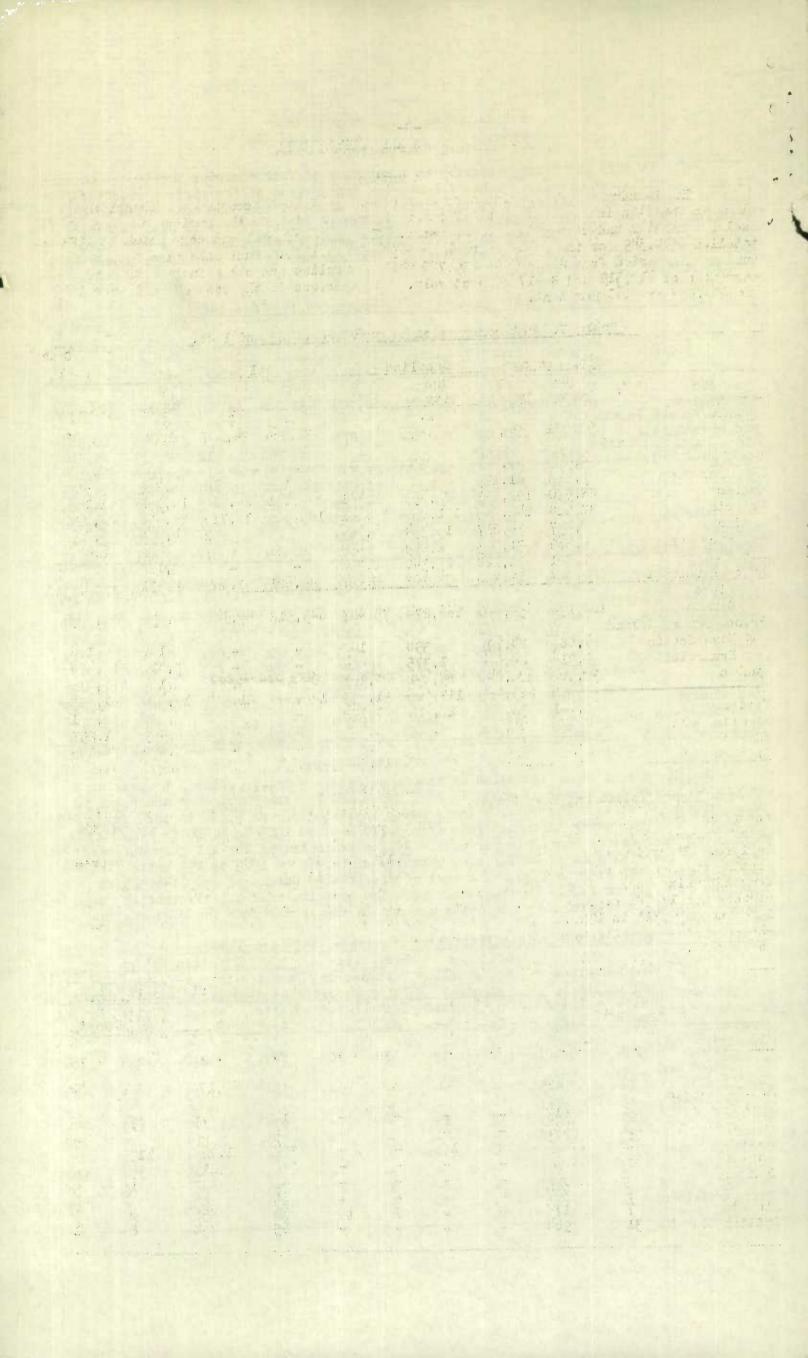
The laundry and dyeing industry as a consumer of fuel occupies the twentieth place in Canadian industries. Table 7 shows the consumption of the various classes of fuel by guantity and cost value at the works. The value of coal and coke which in 1925 totalled \$599,549 for the Dominion rose to \$658,470 in 1926. Fuel oils also increased during this period from \$44,807 to \$59,700 whilst gasoline and other fuels both show decreases of \$10,519 and 8,417 respectively. The increase in the cost of fuel over 1925 tas \$54,878 or 6.67 per cent.

Table 7. Fuel consumption by provinces, 1925 and 1926.										
							All othe	r Total Cost		
	Coal and	coke	Gasolin	e	Fuel oi	1	fuel	of fuel		
	Guan-	Cost	Quan-	Cost	Quan-	Cost .	Value			
	tity	value	tity	Value	tity		only	\$\$		
1925	Ton	\$	Gal.	\$	Gal.	\$	\$			
Canada	95,572	599,549	296,055	86,002	431,964	44,807	92,849	823,207		
Prince Edward Islan										
and Nova Scotia	4,649	27,998	900	277	-	-	648	28,923		
New Brunswick	3,915	21,175	- 1	-	150	12	4,329	25,516		
Quebec	28,950	197,733	86,653		244,151		14,152	261,104		
Ontario	37,024	242,445	131,666	38,681	142,929	16,719		324,275		
Manitoba	5,237	34,217	15,334	4,726	25	2	4,559	43,504		
Saskatchewan	5,569	31,553	2,459	858	88	7	20	32,438		
Alberta	7,801	31,128	25,340	8,302	-	-	2,180	41,610		
British Columbia	2,427	13,300	33,703	8,857	44,621	3,149	40,531	65,837		
1926										
Cenada	104,134	658,470	266,274	75,483	649,512	59,700	84,432	878,085		
Prince Edward Islan										
and Nova Scotia	4,087	24,795	390	142	-	-	187	25,124		
New Brunswick	4,916	24,094		484	-	-	3,916	28,494		
Quebec	32,908	222,048	85,832		403,182	33,961	8,187	287.319		
Ontario	44,680	289,335	113,926	31,655	178,804	21,513		361,973		
Manitoba	5.741	39,674	22,829			-	5,605	52,451		
Saskatchewan	4,680	27,559			-	-	2,409			
Alberta	5,756	19,985	3,885	1,254	-	1	8,890	30,129		
British Columbia	1,366	10,980	34,682	10,368	67,526	4,226	35,768	1 61,342		

#### Power Installation

The classes of power installed in the industry are shown in Table 8 by provinces according to (a) the number of units in each class and (b) the horsepower according to manufacturer's rating. The total primary power installation was 5,626 in 1925 and 5,885 in 1926. Electric power purchased rose from 5,170 h.p. in 1925 to 5,986 in 1926 representing an increase of nearly 16 per cent. Boiler installation for all purposes rose from 289 units with a rated boiler h.p. capacity of 14,378 in 1925 to 297 units with a capacity of 17,381 h.p. in 1926. The cost of electricity punchased was \$146,325 in 1925 and \$139,311 in 1926. In the former year the cost included all electricity purchased whether for light, heat and power whereas in the latter year the cost was for power only.

	Table	8. Power	Installa	tion by	Provi	nces, 1	925 and	1926.		
			0il, §	gas	Hydrau	lic		Electric		
	Steam	engines	and ga	asoline	Turbin	nes or	Operate	d by pur-	loerated generate	d by the
erovinces	and tu	rbines	engi	ines	Water	wheels	chased	power	establis	hment
	Units	Rated	Units	Rated	Units	Rated.	Units	Rated	Units	Rated
	No.	H.P.	No.	E.P.	No.	H.P.	No.	H,P.	No.	H.F.
1925	1.4									
Canada.	134	5,601	2	15	1	10	307	5,170	214	752
P.E.Island and	1									
Nova Scotia	12	413	-	-		-	14	73	13	88
New Brunswick	15	:447	-		-		5	55	-	-
Quedec	21	1,209	2	15			304	1,768	119	258
Ontario	35	1,638	-	-	-	-	319	2,119	35	200
Manitoba	6	395	-	-	-	-	48	403	1	5
Saskatchewan	7	357	-	-	-	-	16	46	34	100
Alberta.	7	178	-	-	1	10	36	252	6	20
British Columb	ia 31	964	-			-	65	454	6	81



-10-

## DYEING, CLEANING AND LAUNDRY WORK

									and the local division of the local division
				Eydrau	lic		Electri	c motors	
Steam e	ngines	Oil,gas	and	turbin	es or	Operated.	by our-	Operate	d by
and tur	bines	gasoli	ne	Water	wheels	chased p	ower	por er g	enerated.
-		engin	es			~			
Units	Rated	Units	Rated	Units	Rated	Units	Reted	Units	Rated
No.	E.2.	No.	H.P.	No.	H.P.	No.	H.9.	No.	н
133	5.815	2	60	1	10	970 .	5.986	202	614
						710	20224	LVL	· 20 ·
12	396	-	-	-	-	15	65	13	46
16	500	1	10	-	-	3	20	-	-
21	1,249	1	50	-		390	2.102	118	248
72	1,714	-		1	10	~~			200
4	210	-	-	-	-			ĩ	5
8	627	-	-		- 1			34	100
5	125	-	-	-	-			1	15
			-			77			-
						11	.10		
	57:1 tur Units No. 133 12 16 21 72 4 8	Chits     Hated       Mo.     H.J.       133     5,815       12     396       16     500       21     1,249       72     1,714       4     210       8     627       5     125	Grid turbines     gasoling       Units     Hated     Units       No.     H.J.     No.       133     5,815     2       12     396     -       16     500     1       21     1,249     1       72     1,714     -       4     210     -       8     627     -       5     128     -	cond turbines     gasoline engines       Units     Hated     Units     Rated       Mo.     H.P.     No.     H.P.       133     5,815     2     60       12     396     -     -       16     500     1     10       21     1,249     1     50       72     1,714     -     -       8     627     -     -       5     125     -     -	Steam engines     Oil,gas and turbin     turbin       cod turbines     gasoline     Water       engines     Water     Water       Units     Rated     Units     Rated     Units       No.     H.P.     No.     H.P.     Mo.       133     5,815     2     60     1       12     396     -     -     -       16     500     1     10     -       21     1,249     1     50     -       72     1,714     -     1     -       4     210     -     -     -       5     125     -     -     -	rid turbinesgasoline enginesWater wheels enginesUnitsRatedUnitsRatedUnitsRatedNo.H.P.No.H.P.Mo.H.P.133 $5, 815$ 2 $60$ 11012 $396$ 16 $500$ 110-21 $1, 249$ 1 $50$ -72 $1, 714$ -1104 $210$ 8 $627$ 5 $128$	Steam engines   Oil,gas and gasoline   turbines or Units   Operated or gasoline     Units   Rated   Units   Rated   Units   Rated   Units     No.   H.P.   No.   H.P.   No.   H.P.   No.     133   5,815   2   60   1   10   970     12   396   -   -   -   15     16   500   1   10   -   390     72   1,249   1   50   -   -   390     72   1,714   -   1   10   375   4   210   -   -   46     8   627   -   -   -   17   5   125   -   -   47	Steam engines orid turbinesOil,gas and gasoline enginesturbines or Water wheels chased powerOperated by pur- our chased powerUnitsEated UnitsUnits RatedEated Units H.P.No.H.P.1335,8152601109705,98612396156516500110320211,2491503902,102721,714-1103752,52542104640886271740512847356	Steam engines   Oil,gas and gasoline   turbines or Units   Operated by our-Operate   Operate     Units   Hated   Units   Rated   Units   Rated   Units   Rated   Units   Rated   Units   Rated   Units   No.   H.P.   No.   H.P.   No.   H.P.   No.     133   5,815   2   60   1   10   970   5,986   202     12   396   -   -   -   15   65   13     16   500   1   10   -   -   390   2.102   118     72   1,714   -   1   10   375   2,525   35     14   210   -   -   -   -   17   40   34     5   128   -   -   -   -   17   40   34

#### Cost of Materials

The cost of materials used in each section of the industry with totals for the combined industries is shown in Table 9, for the calendar years 1925 and 1926. The cost of materials which in 1925 was given in a single total amounted to \$2,433,153 whereas in 1926 when materials were required to be itemized the cost was stated at \$2,104,176. This discrepancy in the cost of materials can only be explained by the inclusion in 1925 of certain items more properly chargeable under the head of miscellaneous expenses and to a decrease in the cost of some of the items of materials used.

Table 9. Cost of Materials by Provinces 1925 and 1926.

Provinces	Laundry materials	Dyeing and finishing materials \$	Total cost of materials \$
Canada Prince Edward Island and Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia	1,459,478 56,931 39,760 378,033 457,956 156,305 63,282 127,627 179,584	973,575 6,222 11,778 364,255 430,989 36,341 18,524 32,510 72,956	2,433.053 63,153 51.538 742,288 888,945 192,646 <b>91</b> ,806 160,137 252,540
1926 Canada Prince Edward Island and Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta Eritish Columbia	1,105,911 28,314 29,292 322,537 332,676 91,278 52,510 100,868 148,436	998,265 7,636 7,331 420,657 461,744 30,363 18,192 16,343 35,999	2,104,176 35,950 36,623 743,194 794,420 121,641 70,702 117,211 184,435

