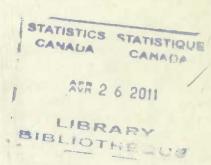
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ANNUAL





THE TOBACCO AND TOBACCO PRODUCTS INDUSTRIES 1959

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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the Foods, Beverages and Tobacco Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

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Note: In addition, several special statements are available. These include Monthly Meat Products, Monthly Stocks of Canned Foods, Monthly Production of Alfalfa Meal, Quarterly Bread and Bakery Products, 20 Seasonal Commodity Reports of Canned Fruits and Vegetables including Irish Potatoes.

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

Tobacco & Tobacco Products Industries

Value of factory shipments from the 24

establishements comprising Canada's

tobacco and tobacco products industries in 1959 increased 7.8% to an all-time
high of \$212,360,000 (excluding excise duties and taxes) from 1958's previous
peak of \$196,948,000, according to the Bureau's annual industry report. Number
of employees declined in the year to 8,356 from 8,476 in 1958, while salaries
and wages rose to \$32,988,000 from \$32,144,000, cost of materials and supplies
to \$111,617,000 from \$108,872,000 and value added by manufacture to \$100,985,000 from \$88,231,000.

Value of factory shipments in 1959, including excise duties and taxes, increased 11.1% to \$580,456,000 from \$522,529,000 in the preceding year. Year's shipments of cigarettes advanced to a record 34,273,048,000 (valued at \$493,-911,000) from the preceding year's previous high of 32,777,573,000 (\$439,367,-000). Shipments of smoking tobacco rose to 22,134,000 pounds (\$58,733,000) from 21,609,000 (\$55,771,000), while chewing tobacco fell to 1,038,000 pounds (\$2,-541,000) from 1,110,000 (\$2,744,000) and cigars to 313,472,000 (\$23,014,000) from 319,595,000 (\$22,518,000). (6)

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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1959 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1959 are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture. shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

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Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or

plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at \$50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to \$100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000 - \$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

The general request for the principal items of products on the short form for 1959 permitted a fairly complete compilation of the detailed quantities and values of commodity shipments. In the case of the detailed quantities and values of materials, fuel and electricity, however, and the monthly distribution of production workers, only the totals of data actually reported on the intermediate and long forms are contained in published reports and no attempt was made as in past years to estimate the generally small proportion of individual totals represented by detailed items omitted from the short forms.

The new approach has relieved an additional 12,000 establishments from filling out the regular long form. Establishments now receiving the short form number in excess of 20,000 and account for more than 54 per cent of the total number of establishments and a little more than 3 per cent of the total value of shipments.

¹ To arrive at the National Accounts concept of ''gross domestic product at factor cost'', it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for ''The primary industries and construction'' are published in D.B.S. publication 61 – 202, Survey of Production.

THE TOBACCO AND TOBACCO PRODUCTS INDUSTRIES

1959

The tobacco industries in Canada perform two distinct operations, and this report is separated into two sections accordingly. Section 1 covers the operations of all firms engaged in the manufacture

of smoking and chewing tobacco, snuff, cigars and cigarettes. Section 2 deals with the preliminary operations, which consist of the processing and packing of raw leaf tobacco.

SECTION 1. TOBACCO PRODUCTS

The value of shipments of the tobacco products industry in 1959 amounted to \$212,360,337 (excise duties and taxes excluded) which was \$15,412,621 greater than the 1958 value of \$196,947,716.

The increase in value of shipments was accompanied by an increase in the cost of materials consumed in manufacture from \$108,871,666 in 1958 to \$111,616,950 in 1959. The monthly payrolls listed an average 8,356 persons in 1959 compared with 8,476 in 1958. Salaries and wages which totalled \$32,144,308 in 1958 increased to \$32,988,000 in 1959. Establishments numbered 24, compared to 25 the year before, and were distributed provincially as follows: Prince Edward Island 2, Quebec 15, and Ontario 7.

The selling value of the products shipped by the industry in 1959, including excise duties and taxes, amounted to \$580,456,021. Shipments of cigarettes, the industry's main product, totalled 34,273,048 thousand valued at \$493,910,645. Next in importance was smoking tobacco (except plug type) with shipments amounting to 22,134,074 pounds worth \$58,732,972. Shipments of cigars totalled 313,472 thousand and were valued at \$23,014,368.

The tobacco industry contributes materially to the agricultural economy of Canada. Of the total cost of materials used, amounting to \$111,616,950 \$76,568,905 was spent for domestic rawleaf tobacco. All told, the tobacco industry consumed 96,786,674 pounds of raw leaf tobacco in 1958 of which 94,860,264 pounds were of domestic origin. For the production of cigars 1,253,090 pounds of imported and 3,959,250 pounds of domestic tobacco were used; for the production of cigarettes 622,744 pounds imported and 71,682,899 pounds of domestic tobacco were required, while for the production of smoking and chewing tobacco and snuff 50,576 pounds of imported and 19,218,115 pounds of domestic tobacco were used.

A compilation of statistics showing opening and closing inventory values, is shown in Table 11.

In 1954, value of factory shipments replaced value of production and opening and closing inventory valuations were collected for the first time. For 1954 and 1955 value of production was computed by using the value of shipments plus or minus the change in finished goods inventories. From 1956 the change in goods in process inventory was also taken into account. When value of production was thus determined, value added by manufacture was arrived at by subtracting cost of raw materials and of fuel and electricity. The following statistical table for the period 1953-59 inclusive illustrates this procedure.

Year	Value of factory shipments	Change in inventory	Value of production	Cost of materials	Cost of fuel and electricity	Value added by manufacture	
			thousands	of dollars			
1953 ²			147, 388	79, 262	423	67,703	
1954	152,033	- 252	151, 781	79,009	445	72, 327	
1955	162,383	+1,478	163, 861	84, 439	463	78,959	
1956	169,528	- 77	169, 451	89, 837	494	79, 120	
1957	182, 794	+ 105	182, 899	100, 294	568	82,037	
1958	196, 948	+ 724	197,672	108, 872	569	88, 231	
1959	212, 360	+ 804	213, 164	111.617	562	100, 985	

Historical series on "Value added by manufacture" included in Table 1.

Previous years were computed as in 1953.

^{..} Figures not available.

TABLE 1. Principal Statistics of the Tobacco Products Industry, Significant Years 1932-57, and by Provinces 1958 and 1959

Year and provinces	Establish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Value of factory shipments ¹
	num	ber			dollars		
1932	t 16	8, 236	7, 127, 070	152,457	18,787,261	18, 422, 063	37, 361, 781
1935	116	8,145	7, 221, 048	157,784	19,701,385	19, 244, 706	39, 103, 875
1939	80	8, 185	7,733,023	180,559	23,001,316	23,872,832	47,054,707
1942	78	10,502	10,757,712	245, 155	28,716,426	30, 428, 451	59, 390, 032
1944	69	10,587	13, 105, 796	274, 262	36,864,416	34, 303, 711	71,442,389
1948	62	8,959	17, 127, 448	322,921	53,617,566	53, 136, 323	107, 076, 810
1950	53	8,503	19,511,951	363, 508	62,681,958	59,383,685	122, 429, 151
1951	48	7,981	20, 961, 157	357, 933	62, 886, 259	53, 244, 619	116, 488, 811
1952	47	7, 587	22,036.719	391,374	73, 168, 064	64,864,521	138, 423, 959
1953	42	7,711	23, 376, 081	423,598	79, 261, 880	67,702,851	147, 388, 329
1954	39	7,418	24,000,407	444,874	79,009,327	72, 327, 224	152,033,653
1955	40	7,470	25, 118, 846	462,692	84, 438, 935	78, 959, 320	162,382,718
1956	3.5	7,828	26, 447, 523	494, 296	89, 837, 143	79, 120, 370	169,528,803
1957	33	8,372	29, 349, 732	567,793	100, 293, 925	82,037,358	182, 794, 564
1050							
1958	0.0	0.400	00 444 000	700 170	400 007 000	00 000 000	100 010 010
Canada	25	8, 476	32, 144, 308	569, 450	108, 871, 666	88, 230, 628	196, 947, 716
Quebec	16	7, 297	27,608,504	506, 141	95, 690, 662	75, 814, 683	171,610,647
Ontario	7	1, 179	4,535,804	63,309	13, 181, 004	12, 415, 945	25, 337, 069
Other provinces	2						
1959							
	24	0 250	22 000 000	sen nen	111 616 0*0	100 008 004	210 200 222
Canada	15	8,356	32, 988, 000	562, 269	111,616,950	100, 985, 081	212, 360, 337
Quebec	7	7, 171	28, 240, 805	489, 169	97, 163, 759	85, 514, 022	182, 802, 251
Ontario	2	1, 185	4,747,195	73, 100	14, 453, 191	15,471,059	29, 558, 886
Other provinces	3						

¹ See last Paragraph in previous page,

TABLE 1A. Principal Statistics of the Tobacco Products Industry grouped according to the Size of Establishments, 1958 and 1959

Size of establishment	Establish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value of shipments
Maria San San San Walana	number			doll	ars	
1958						
Factory shipments of:						
Under \$10,000	5	6	8,956	651	7,575	19, 476
\$ 10,000 to under \$ 25,000	1					
25,000 " " 50,000	1	43	87,649	4, 598	79, 590	187, 021
50,000 '' 100,000	2]				
100,000 '' 200,000	1					
200,000 " " 500,000	1	237	660,615	17,523	1,344,352	2,081,868
500,000 '' '' 1,000,000	2					
1,000,000 and over	12	8, 190	31,387,088	546, 678	107, 440, 149	194, 659, 351
Totals	25	8, 476	32, 144, 308	569, 450	108, 871, 666	196, 947, 716
1959						
Factory shipments of:						
Under \$10,000	4	8	10,555	346	5,888	17, 708
\$ 10,000 to under \$ 25,000	1	1				
25,000 " " 50,000	1 - 1	83	341,262	11,041	124,655	245, 446
50,000 " " 100,000	3	}				
100,000 '' '' 200,000	1					
200,000 " " 500,000	1	214	617,522	17, 849	1, 154, 921	1,991,381
500,000 '' '' 1,000,000	2	1				
1,000,000 and over	12	8, 051	32,018,661	533, 033	110, 331, 486	210, 105, 861
Totals	24	8, 356	32, 988, 000	562, 269	111,616,950	212, 360, 337

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TABLE 2. Comparative Summary of Products, Specified Years, 1929-59

	Ciga	rs	Cig	arettes	Tobac	co. chewing
Year		lling value the plant ^t	Quantity	Selling value at the plant	Quantity	Selling value at the plant ¹
	М	\$	M	\$	pounds	\$
29 33 37 77	191.041 112,030 129,873 135,825	9,997,380 4,731,335 5,857,003 5,411,054	4, 966, 612 4, 310, 305 6, 724, 333 7, 163, 433	49, 258, 851 34, 878, 274 52, 138, 442 57, 277, 062	4, 759, 942 3, 062, 849 2, 807, 973 2, 577, 890	4, 301, 445 2, 765, 653 2, 360, 393
1	196, 724	7, 300, 244	9, 548, 466	86, 652, 775	2, 451, 738	2, 184, 537 2, 396, 322
13	207, 861	9,665,753 10,470,972 11,715,058	13, 591, 320 15, 484, 605 17, 684, 707	155,930,531 171,001,575 207,612,532	2,927,050 2,785,693 2,803,753	3,660,488 3,619,612 3,640,867
17		14, 081, 505 14, 453, 386	15, 687, 127	220, 649, 206 240, 838, 123	2, 382, 245 2, 044, 952	3, 604, 139 3, 183, 708
9	198, 987	15, 538, 813 14, 467, 354	17, 053, 442 17, 311, 062	255, 713, 618 266, 821, 398	2,029,263 1,762,551	3, 298, 571 3, 010, 763
2	201, 517	13, 896, 713 15, 487, 025 18, 233, 475	15, 816, 166 18, 037, 368 21, 156, 092	261,909,840 290,947,786 289,424,673	1,598,922 1,445,139 1,448,105	3, 267, 632 3, 231, 906 3, 252, 801
5	257, 233	17, 925, 856 19, 360, 206 19, 723, 097	22, 425, 791 24, 864, 332 27, 343, 996	303,682,204 332,011,517 366,114,213	1,307,367 1,306,976 1,042,444	3, 259, 552 3, 041, 898 2, 624, 060
	283, 706 319, 595	20, 442, 301 22, 518, 284 23, 014, 368	30, 394, 572 32, 777, 573 34, 273, 048	407, 237, 324 439, 366, 706 493, 910, 645	1,050,534 1,109,709 1,037,648	2, 609, 858 2, 743, 546 2, 541, 334
		bacco, smok		150, 010, 010	Snuff	2,041,005
	Quantity		elling value t the plant	Quantit		Selling value at the plant ¹
	pounds	151	18 Sale 78 E	pounds	5	\$
9 3	24, 044. 19, 920,	925	20, 307, 223 20, 834, 043	99	97, 078 56, 079	1, 280, 933 1, 013, 641
9	22, 439, 24, 709, 26, 019,	819	22, 607, 786 24, 498, 111 29, 251, 455	83	28, 473 36, 955 95, 802	1, 130, 086 1, 149, 262 1, 313, 446
1	24, 808, 24, 263,	076	35, 536, 053 36, 098, 232		41.740 80,780	1, 796, 435 1, 947, 633
3	26, 234, 25, 404, 26, 337,	039	39, 122, 699 42, 967, 981 46, 606, 959	91	78, 389 77, 700 92, 359	1, 961, 149 2, 074, 361 2, 109, 405
	26, 202, 26, 794,	733	47, 313, 008 50, 863, 770	95	58, 164 17, 592	2, 058, 335 2, 038, 976
	28, 095, 31, 635,	415 023	65, 327, 040 77, 789, 494	87	73,652 69,863	2, 217, 542 2, 299, 246
	26, 658, 25, 124,		65, 716, 280 62, 603, 868		34, 251 52, 954	2, 161, 738 2, 211, 267
	24, 149, 21, 588,	936	59,999,473 53,655,153	83	38, 292 25, 446	2, 194, 354
***************************************	20, 736,		-51, 790, 263		98,003	2, 065, 202

¹ Selling values given in this table include excise duties and sales tax.
² Confidential,

TABLE 3. Factory Shipments 1958 and 1959

Products	Canada	1, 1958	Canada, 1959		
rioducts	Quantity	Selling value	Quantity	Selling value	
		\$		\$	
Chewing tobacco, plug	1	ì	1	1	
twist	100, 585	250, 985	1	1	
Smoking tobacco, plug	1	1	1	1	
" " fine cut	18, 661, 220	48, 323, 928	19, 525, 035	52,011,810	
" coarse cut	2, 720, 884	6, 958, 398	2, 401, 559	6, 286, 960	
1 leaf	41,695	29,634	39,686	23, 811	
Snuff	1	1	1	1	
Cigars M	319, 595	22, 518, 284	313, 472	23,014,368	
Cigarettes	32, 777, 573	439, 366, 706	34, 273, 048	493, 910, 645	
Alt other products		40,432		32, 148	
Total value of shipments (including excise duties and taxes)	-	522, 529, 282	-	580, 456, 021	
Exercise duties and taxes	_	325, 581, 566	-	368, 095, 684	
Value of shipments (less duties and taxes)	_	196, 947, 716		212, 360, 337	

1 Confidential.

TABLE 4. Materials Used, 1958 and 1959

		195	8	1959		
Materials used		Quantity	Cost value	Quantity	Cost value	
			\$		\$	
Raw leaf tobacco, imported	lb.	2,643,218	4, 479, 956	1,926,410	3,741,452	
Raw leaf tobacco, domestic	24	93,389,559	73, 959, 119	94,860,264	76,562,905	
All other tobacco (inc. scraps and cuttings)	44	1,576,206	115,784	1,320,702	82,572	
Boxes, wooden and tin	Vo.	17,531,387	1,407,132	17,635,791	1,472,327	
Boxes, plastic	64	10, 944, 047	385,525	9,947,670	300, 449	
Boxes, other		-	6,412,879	-	7,134,021	
Cigarette papers	lb.	3,373,796	1,894,234	3,508,200	1,870,762	
Lead, tin and aluminum foil	6.4	8, 174, 303	3, 897, 948	8,359,632	4,249,446	
	6.4	3,855,313	2,804,050	3,906,705	2,843,850	
Other containers, wrappers, labels, bands, etc.		_	6, 205, 226	_	6,020,202	
Filter tips and filter tip materials			4,063,954	-	4,102,027	
All other materials and supplies ¹		_	955,692	-	1,173,699	
Operating maintenance and repair supplies		_	2, 283, 667	_	2,057,238	
Amount paid out to others for work done on material owned by this plant			6,500	_		
Total cost		-	108, 871, 666	_	111, 616, 950	

¹ Includes molasses, honey, sugar, salt, glycerine, licorice, gum tragacanth, perfumes, essences, etc.

TABLE 5. Distribution of Raw Leaf Tobacco Reported in Table 4

			Day Inc	of tabassa upo	d in the manu	fn atura of			
		Raw leaf tobacco used in the manufacture of:							
	Cigars		Cigarettes		Tobacco	and snuff	T()	tal .	
	Quantity	Cost value	Quantity	Cost value	Quantity	Cost value	Quantity	Cost value	
	pounds	\$	pounds	\$	pounds	\$	pounds	\$	
1958									
Imported raw leaf tobacco	1, 285, 468	3,148,077	1,286,592	1,275,278	71, 158	56,601	2,643,218	4,479,956	
Domestic raw leaf tobacco	4,276,531	3,434,074	68, 433, 962	56, 819, 128	20,679,066	13,705,917	93,389,559	73, 959, 119	
Total raw leaf tobacco (stemmed weight)	5,561,999	6, 582, 151	69, 720, 554	58, 094, 406	20, 750, 224	13, 762, 518	96, 032, 777	78, 439, 075	
1959									
Imported raw leaf tobacco	1,253,090	3,077,488	622,744	632,691	50, 576	31,273	1,926,410	3,741,452	
Domestic raw leaf tobacco	3,959,250	3, 183, 851	71,682,899	60,031,824	19, 218, 115	13,353,230	94, 860, 264	76,568,905	
Total raw leaf tobacco (stemmed weight)	5, 212, 340	6, 261, 339	72, 305, 643	60, 664, 515	19, 268, 691	13, 384, 503	96, 786, 674	80, 310, 357	

TABLE 6. Imports of Tobacco and Tobacco Products, 1958 and 1959

	1958		1959	
Articles imported	Quantity	Value	Quantity	Value
	pounds	\$	pounds	\$
Tobacco, unmanufactured	2,816,049	3,850,350	2, 274, 814	3, 294, 137
Cigars	92,925	349, 387	90,681	356,858
Cigarettes	565,761	1,055,371	487,978	915,417
Snuff		-	-	_
Tobacco, cut	512, 169	737, 566	594,467	842,904
All other manufactures of tobacco, n.o.p.	44,211	50,732	56,726	73,604
Total imports of tobacco	4,031,115	6, 043, 406	3, 504, 666	5, 482, 920

TABLE 7. Exports of Tobacco and Tobacco Products, 1958 and 1959

Articles exported	195	8	195	9
Attacles exported	Quantity	Value	Quantity	Value
		S		\$
Tobacco, unranufactured	29, 470, 903	18, 554, 504	40, 540, 977	25, 140, 390
Cigars "	1, 886	7, 222	1,994	7, 775
Cigarettes	77. 748	313, 594	103, 456	419, 869
Tobacco, plug and twist		- 4	_	_
Tobacco, stems and cuttings	130,662	16,380	168, 836	21, 178
Iobacco, manufactured, n.o.p.	1,719	2, 361	4. 199	5, 196
Total exports of tobacco		18, 894, 061		25, 594, 408

TABLE 8. Employees and their Earnings, by Provinces, 1958 and 1959

		Supervisor office emp		Production we (monthly ave				Total salaries	
	Male	Female	Total salaries	Male	Female	Total wages	Male	F'emale	and wages
	nu	mber	\$	nui	nher	\$	nu	mber	\$
1958									
Canada	713	474	6, 583, 904	2, 703	4, 586	25, 560, 404	3, 416	5, 060	32, 144, 308
Quebec	571	403	5, 403, 734	2, 333	3,990	22, 204, 770	2,904	4, 393	27, 608, 504
Ontario] 142	71	1, 180, 170	370	596	3, 355, 634	512	667	4, 535, 804
1959									
Canada	795	477	7, 108, 351	2, 695	4, 389	25, 879, 649	3, 490	4, 866	32, 988, 000
Qualities	634	430	5, 738, 718	2, 321	3,786	22, 502, 087	2, 955	4, 216	28, 240, 805
Prince Edward Island	161	47	1, 369, 633	374	603	3, 377, 562	535	650	4, 747, 195

TABLE 9. Production Workers by Months and Sex, 1959

	Establishments reporting monthly detail		
	Male	Female	
nuary	2, 610	4, 347	
ebruary	2, 605	4, 440	
arch	2, 626	4, 456	
pril	2, 628	4, 387	
ay	2,637	4, 474	
ine	2,674	4, 405	
ily	2, 614	4, 277	
ugust	2, 584	4, 239	
ptember	2, 691	4, 396	
ctober	2, 712	4, 406	
ovember	2, 707	4, 326	
ecember	2, 686	4, 178	
Average for establishments reporting monthly detail	2, 648	4, 360	
Average estimated for small establishments ²	47	29	
Average for all establishments	2, 695	4.389	

¹ The number of production workers, by months, was collected only for establishments generally reporting value of shipments of \$500,000 and over.

² For establishments generally reporting value of shipments of less than \$500,000, no data on number of workers were collected. Average was estimated by using change in value of shipments to arrive at value of payroll which was then used in conjunction with estimated average earnings to arrive at number of workers.

TABLE 10. Consumption of Fuel and Electricity, 1959

Kind	Quantity	Cost at plant
		\$
stablishments reporting commodity detail:		
Bituminous coal (a) From Canadian mines ton	245 1,814	4, 461 22, 125
Gasoline (including gasoline used in cars and trucks)	22,032	8,834
Fuel oil including kerosene or coal oil	2, 284, 867	186,604
Gas (a) Liquefied petroleum gases (b) Other manufactured gas (c) Natural gas M cu, ft,	_ 1,396	1, 177
Electricity purchased kwh.	29, 942, 254	306, 819
Steam purchased	16, 816, 164	25,044
stimate for establishments for which no data were collected:2		
Cost of fuel and electricity		7, 205
all establishments:		
Total cost of fuel and electricity		562, 269

TABLE 11. Inventories, 1959

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory value ¹
		dol	lars	
Opening inventory:				
Quebec	28, 462, 115	1,926,090	2, 516, 487	32, 904, 693
Ontario	10,844,763	182, 919	510, 214	11, 537, 896
Other provinces	5, 300	2,600	945	8,845
Canada	39, 312, 178	2, 111, 609	3, 027, 646	44, 451, 433
Closing inventory:				
Quebec	36, 544, 600	2, 325, 654	2, 481, 622	41, 351, 876
Ontario	4,004,891	258, 531	874, 366	5, 137, 788
Other provinces	3,500	2, 500	545	6, 545
Canada	40, 552, 991	2, 586, 685	3, 356, 533	46, 496, 209

TABLE 12. Capital and Repair Expenditures in the Tobacco Products Industry, 1948-59

(Figures prepared in the Business Finance Division)

	Capital expenditures			Repair expenditures			Capital and repair expenditures		
	Construc- tion	Machinery and equipment	Sub- total	Construc- tion	Machinery and equipment	Sub- total	Construc- tion	Machinery and equipment	Total
				thou	sands of dolla	ars		,	
1948	244	589	833	108	139	247	352	728	1,080
1949	266	1, 471	1,737	375	1, 271	1,646	641	2,742	3, 383
1950	331	1,073	1, 404	322	1, 223	1,545	653	2, 296	2, 949
1951	199	1, 321	1,520	356	1, 190	1,546	555	2.511	3,066
1952	177	1, 482	1,659	407	1,216	1,623	584	2, 698	3, 282
953	332	1,742	2,074	474	1,392	1,866	806	3, 134	3,940
1954	457	2,026	2, 483	588	1,512	2, 100	1,045	3,538	4, 583
1955	1,502	2, 571	4,073	761	1,490	2, 251	2, 263	4,061	6,324
	2,977	4.086	7,063	776	1,851	2,627	3, 753	5, 937	9,690
1957	1,027	6, 912	7,939	1,058	2, 459	3, 517	2,085	9, 371	11,456
1958	3, 292	6,957	10, 249	806	2, 503	3, 309	4,098	9,460	13, 558
1959 ^p	3, 122	3, 496	6,618	455	1,202	1,657	3,577	4,698	8, 27

P Preliminary figures.

 $^{^{\}rm L}$ Establishments generally reporting value of shipments of \$500,000 and over. $^{\rm 2}$ Establishments generally reporting value of shipments of less than \$500,000,

¹ Book value of all manufacturing inventories held at plants or plant warehouses.
² The "Opening inventory" for 1959 differs from the "Closing inventory" published in 1958 because of the receipt of revised data and the removal of figures for firms which did not operate during 1959.

The following list gives the name, location and main products of the firms reporting the manufacture of tobacco, cigars and characters in Canada in 1959.

Index to Main Products: (1) Tobacco; (2) Cigars; (3) Cigarettes; (4) Snuff.

Name of firm	Address	Main products
The Commence of the Commence o		
rince Edward Island:		
Hickey & Nicholson Tobacco Co. Ltd.	118 - 120 Prince St., Charlottetown	(1)
Island Tobacco Company	70 King St., Charlottetown	(1)
nuebec:		
Allied Cigar Corporation	2373 ave Jeanne d'Arc, Montreal	(2)
Benson & Hedges (Canada) Ltd.	161 Lagauchetière St. W., Montréal	(1) (2) (3)
Canadian Tobacofina Ltd.	5555 Royalmount Ave., Town of Mount Royal	(1)(3)
Capuano & Pasquale Company Ltd.	1002 De Fleurimont St., Montreal	(1) (2)
La Cie de Tabac Trans Canada	2359 Demontigny St. E., Montreal	(1) (3)
J.O. Forest et Cie, Enrg.	St-Roch de L'Achigan	(1)
General Cigar Co. Limited	2275 Holt St., Montreal	(2)
Hottin & Cie Limitée	95, rue Ste-Angélique Nord, Joliette	(2)
B. Houde & Grothé, Limited	1035 Vincent Massey Street, Quebec	(3)
Imperial Tobacco Co. of Canada Ltd.	3810 St. Antoine St., Montreal	(3)
imperial Tobacco Co. of Canada Ltd,	160 Cowie Street, Granby	(1)
MacDonald Tobacco Inc.	P.O. Box 490, Place D'Armes, Montreal	(1)(3)
National Tobacco Company, Limited	3810 St. Antoine St., Montreal	(4)
Rock City Tobacco Co. (1936), Limited	355, rue, Gignac, Québec	(1)(3)
H. Simon & Sons Limited	151 Rockland Rd., Town of Mount Royal	(2)
ntario:		
Imperial Tobacco Co., (Ontario) Ltd.	115 Woodlawn Road, Guelph	(3)
Joseph A. Lopez	184 Adelaide St. W., Toronto	(2)
Ontario Tobacco Company Limited, (also operates Wedgewood Cigar Co.)	76 Stafford Street, Toronto	(1) (2)
Rothmans of Pail Mail Canada Ltd.	75 Dufflaw Rd., Toronto	(3)
Rea Hermanos	7 Gilead Place, Toronto	
The Tuckett Tobacco Company Ltd.	145 Queen St. N., Hamilton	(3)
and a company of the management of the comment of t	Wheatly, R.R. #3	(0)

SECTION 2. TOBACCO PROCESSING AND PACKING

This section of the tobacco industry deals with the primary operations of processing the green raw leaf into a state suitable to undergo the final stage of conversion into the finished article in the form of smoking and chewing tobacco, cigars and cigarettes. During the year 1959 reports were received from 16 establishments, 6 of which were located in the province of Quebec and 10 in Ontario. Principal statistics for this section of the industry, are shown in Table 1.

The amount of raw leaf tobacco processed during the year 1959 was 177,145,084 pounds with a selling value of \$112,203,324 compared with 160,225,608 pounds processed in 1958 with a selling value of \$108,190,920. The principal variety of processed raw leaf was "bright flue-cured" of which 161,657,612 pounds were prepared with a valuation of \$104,481,428. The quantity and selling value of all tobacco processed is shown by kinds, for Canada and the provinces in Table 2.

The materials used in this section of the tobacco industry are given by provinces in Table 3. The raw leaf tobacco used in 1959 to produce the 177,145,084 pounds of processed leaf was 208,769,079 pounds. The expenditure incurred in providing the necessary containers and other packaging material and supplies amounted to \$1,706,176

Contrary to the general change to the "gross value of shipments" concept throughout manufacturing industries in 1954, this industry remained on a "value of production" basis. This policy was adopted because, being dependent upon agricultural output, processed year-end inventories of leaf tobacco change extensively from year to year. Thus "Value added by manufacture" in this segment is determined simply by subtracting the total of the cost of raw materials and of fuel and electricity from the "gross value of production". The following statistical summary for the period 1953 to 1959 illustrates this procedure:

Year	Value of factory shipments	Change in inventory	Value of production	Cost of materials	Cost of fuel and electricity	Value added by manufacture ¹
	THE STATE OF THE S		thousands	of dollars		
1953		-	66.757	59, 229	216	7,312
1954		_	73, 307 88, 551	65, 951 78, 589	244 268	7,112 9,694
1956		_	69.714 66,939	60,274	261 277	9, 179
1958		_	108, 191	60, 416 97, 172	332	6, 246 10, 687
1959	• •	_	112, 203	101, 154	340	10, 709

¹ Historical series on "Value added by manufacture" included in Table 1.

.. Figures not available.

TABLE 1. Principal Statistics of the Tobacco Processing and Packing Industry, 1932-59

Year and province	Establish- ments	Total Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Value of production
	num	ber			dollars		
1932	18 22	1.439	916, 273 851, 955	44,533 47,655	6,752,694 4,154,898	1,903,218 1,362,278	8,700,445 5,564,831
1935	21 16	1.489	942, 202 1, 155, 503	43, 104 50, 567	6, 807, 056 10, 795, 356	1, 385, 603 2, 078, 748	8, 235, 763 12, 924, 671
1939	19	2,636	2,028,407	65, 967	18, 234, 819	4, 237, 893	22,538,679
	20	2,461	2,095,820	66, 540	15, 388, 397	4, 414, 751	19,869,688
1941	18	2,170	1,739,823	58,580	11,617,955	2,844,204	14,520,739
1942	18	2,485	2,321,236	76,619	19,885,077	3,674,922	23,636,618
1943	15	1,670	1,896,534	74, 642	21,023,560	3, 228, 516	24, 326, 718
1944	13	1,193	1,435,061	75, 895	23,244,910	4, 209, 358	27, 530, 163
1946	14	1,545	1,893,967	91, 087	35, 336, 958	5,004,653	40, 432, 698
	17	1,317	1,699,198	101, 125	33, 799, 632	3,933,492	37, 834, 249
1947	16	1,509	2, 202, 718	143,494	48, 335, 803	6,035,192	54,514,489
	17	1,500	2, 423, 115	152,287	42, 233, 705	4,530,640	46,916,632
	15	1,657	2, 867, 997	160,725	54, 037, 536	4,887,886	59,086,147
1950	15 15 14	1,819	3, 116, 967 3, 477, 061	180, 982 195, 782	59, 928, 221 56, 703, 794	5, 792, 169	65, 901, 372 62, 688, 282
1952	14	1, 690	3, 368, 353	208, 216	71, 369, 606	5. 912, 589	77, 490, 411
1953		1, 783	3, 389, 562	215, 627	59, 229, 168	7. 312, 367	66, 757, 162
1954	14	2.051	3, 868, 532	243,862	65, 951, 442	7, 112, 019	73, 307, 323
	16	2.059	4, 328, 045	268,505	78, 588, 950	9, 693, 612	88, 551, 067
1956	16	1,785	3,861,332	261, 287	60, 274, 356	9, 178, 426	69,714.069
1957	16	1,533	3,973,089	276, 821	60, 416, 497	6, 246, 474	66,939,792
1958							
Canada	15	1,843	4, 999, 294	331,932	97, 171, 868	10, 687, 120	108, 190, 920
Quebec Ontario	5	321	811, 922	50, 693	2,527,296	1,512,456	4,090,448
	10	1,522	4, 187, 372	281, 239	94,644.572	9,174,664	104,100,475
1959							
Canada	16	1, 931	5, 090, 218	340, 462	101, 153, 728	10, 709, 134	112, 203, 324
Quebec Ontario	6	210	587, 100	47, 193	2, 238, 434	728, 238	3,013,863
	10	1,721	4, 503, 118	293, 269	98, 915, 294	9, 980, 896	109,189,459

Note: Profits and losses cannot be estimated from the figures published in this report as no data are collected for overhead expenses, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

FABLE 2. Production by Types and Provinces, 1958 and 1959

Kinds of processed leaf	195	58	1959		
initial of processed fem	Quantity	Selling value	Quantity	Selling value	
	pounds	\$	pounds	\$	
Bright, flue-cured	147, 274, 056	100, 816, 356	161,657,612	104,481,428	
Oark, air-cured and fire-cured	12,951,552	7,374,564	15,487,472	7,721,890	
Pipe varieties					
Total tobacco processed	160,225,608	108, 190, 920	177, 145, 084	112, 203, 32	

TABLE 3. Materials Used, by Types and Provinces, 1958 and 1959

Kind of raw leaf grown and purchased	195	8	1959		
for processing	Quantity (green weight)	Cost value	Quantity (green weight)	Cost value	
	pounds	\$	pounds	\$	
Bright, flue-cured	173, 359, 406	90, 295, 015	189, 783, 268	93, 266, 185	
Burley	8,054,813	2,733,563	11,384,593	4,036,967	
Dark, air-cured and fire-cured					
Cigar leaf	8,118,754	2,203,354	6,939,675	1,874,803	
Pipe varieties					
Containers and packaging material	_	1, 224, 484	_	1,285,125	
Operating, maintenance and repair supplies		353,483	_	421,051	
Amount paid out to others for work done on materials owned by this plant		182,325		57, 907	
Totals	_	97, 171, 868	_	101, 153, 728	

^{..} Figures not available.

TABLE 4. Employees and their Earnings, by Provinces, 1958 and 1959

Year and provinces		Supervisory and office employees			Production workers (monthly averages)			Total employees and total earnings		
real and provinces	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	Salaries and wages	
	nun	ber	\$	nun	nber	\$	nun	nber	\$	
1958										
Canada	206	31	1, 294, 170	882	724	3,705,124	1,088	755	4,999,294	
Quehec	21	5	103,029	150	145	708,893	171	150	811,922	
Oniario	185	26	1,191,141	732	579	2,996,231	917	605	4,187,372	
1959										
Canada	200	30	1,295,242	1,071	630	3,794,976	1,271	660	5,090,218	
Quebec	25	4	115,267	154	27	471,833	179	31	587,100	
Ontario	175	26	1,179,975	917	603	3,323,143	1,092	629	4,503,118	

TABLE 5. Production Workers, by Months, 1958 and 1959

		1958			1860	-
Months	Male	Female	Total	Male	Penale	Total
			numb	per		
January	1,366	1,425	2,791	2,105	1,512	3, 617
February	1, 968	1, 708	3,676	2, 235	1,419	3, 654
March	1,818	1,691	3,509	1, 790	1,365	3, 155
April	1, 374	1, 225	2,599	1,516	712	2, 228
May	324	184	508	632	348	980
June	316	179	495	436	93	529
July	312	184	496	291	15	306
August	317	184	501	330	15	345
September	378	168	546	404	16	420
October	375	126	501	391	17	408
November	417	262	679	770	742	1,512
December	1, 636	1, 341	2,977	1,827	1, 302	3, 129
Monthly average	882	724	1,606	1,071	630	1, 701

TABLE 6. Consumption of Fuel and Electricity, 1958 and 1959

				1959		
Kinds of fuel	Quantity	Cost value at factory	Quantity	Cost value at factory		
			\$		\$	
Bituminous coal:						
(a) From Canadian mines	ton	-	-	170	2,500	
(b) Imported		7,081	95, 454	7, 231	96, 13B	
Anthracite coal		-	-	112	2, 106	
Coke	41		-	4	122	
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	46,697	19,035	50,098	21,711	
Fuel oil	14	702, 303	79, 850	1,062,087	112, 886	
Wood	cord	-	-	15	300	
Liquefied petroleum gases (propane, etc.)	Imp. gal.	250	55	410	90	
Natural gas	M cu. ft.	299	308	172	180	
Electricity purchased (including service charges)	kwh.	6,590,304	86,537	8, 871, 704	104, 434	
Totals		-	281, 239	-	340, 462	

TABLE 7. Inventories, 1959

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory value ¹
		dol	lars	
Opening inventory:2				
Quebec	1, 241, 884	21,609	1, 078, 955	2, 342, 448
Ontario	26, 431, 389	969, 524	23, 608, 239	51, 009, 152
Сапаda	27, 673, 273	991, 133	24, 687, 194	53, 351, 600
Closing inventory:				
Quebec	1, 224, 026	653, 535	151, 207	2, 028, 768
Ontario	29, 365, 987	2, 181, 558	33, 055, 718	64, 603, 263
('anada	30, 590, 013	2, 835, 093	33, 206, 925	66, 632, 031

Book value of all manufacturing inventories held at plants and plant warehouses.
The "Opening inventory" for 1959 differs from the "Closing inventory" published for 1958 because of the receipt of revised data.

TABLE 8, Capital and Repair Expenditures in the Tobacco Processing Industry, 1948-59

(Figures prepared in the Business Finance Division)

Year		Capital expenditures		Repair expenditures			Capital and repair expenditures			
		Construc-	Machinery and equipment	Sub- total	Construc- tion	Machinery and equipment	Sub- total	Construc- tion	Machinery and equipment	Total
					thou	sands of dolls	ars			
1948		696	1,634	2, 330	428	1,155	1,583	1,124	2, 789	3,913
1949	0112504100400010444400000000000000000000			233			127			360
1950	***************************************			1, 190			117	735	572	1,307
1951	***************************************			654			147	332	469	801
1952	***************************************			669			199	386	482	868
1953	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0.4	1, 114			220	767	567	I, 334
1954	190,0107061009049070910001961009909000000000000000000000	102	493	595	102	147	249	204	640	844
1955	4419446888800000000000000000000000000000000			253			302	159	396	555
1956	100,40000000000000000000000000000000000	550	620	1,170	151	255	406	701	875	1,576
1957		897	300	1, 197	120	196	316	1,017	496	1,513
1958	***************************************	736	576	1, 312	250	272	522	986	848	i,834
19591	40 3924539074495355500550440454554444444444444444444			577	4.0		306	194	689	883

List of Firms engaged in Processing and Packing Tobacco in 1958

Name of firm	Address		
nuebec:			
Benson & Hedges (Canada) Limited	605 Main St., Farnham		
Imperial Tobacco Co. of Canada, Limited	. 289 Dugas St., Joliette		
F. H. Jones	295 Helen Boulé St., Joliette		
O. Prevost Ltée	. 308 St. Louis St., Joliette		
La Société Co-opérative Agricole de la Vallée d'Yamaska	St. Césaire		
La Société Co-opérative Agricole de Tabac du District de Joliette	. St-Jacques de Montcalm		
mtario:			
	290 Dattagen Ave. Chatham		
British Leaf Tobacco Co. of Canada Limited			
Consolidated Leaf Tobacco Co. Limited			
Hodge Tobacco Co, of Canada, Limited			
Imperial Leaf Tobacco Co. of Canada, Limited			
Imperial Leaf Tobacco Co. of Canada, Limited			
Imperial Leaf Tobacco Co. of Canada, Limited			
Leamington Tobacco Sales Corporation, Limited			
Norfolk Leaf Tobacco Company, Limited			
The Ontario Flue-cured Tobacco Growers Co-operative Limited	. Kingsville		

Preliminary.
.. Figures not available.

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