

CATALOGUE No.

32-225

ANNUAL



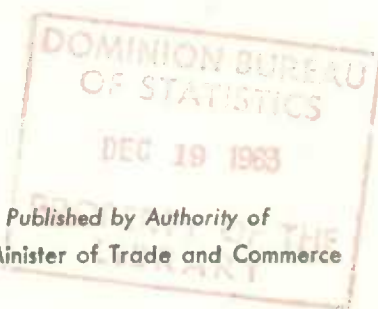
CANADA

# TOBACCO PRODUCTS INDUSTRIES

## 1961

The list of firms normally included in this report has been omitted from this issue, along with certain tables. See introductory text for details.

### ANNUAL CENSUS OF MANUFACTURES



**DOMINION BUREAU OF STATISTICS**  
Industry Division

December 1963  
6521-520

Price: 50 cents

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- † revised figures.

## EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1961 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. Implementation of the new definition of the establishment in the 1961 Census has resulted in certain changes and necessitated some adjustments to the statistics for previous years in order to maintain comparability of the data. (See following note on "Establishment".)

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 1961, 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

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

- Materials and supplies used,
- Goods purchased for resale as such,
- Fuel and power consumed,
- Number of employees and their pay,
- Inventories,
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing operations. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were principally engaged in manufacturing operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

Many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described earlier.

Prior to 1961, the main emphasis in the Census of Manufactures was on manufacturing activity whereas, beginning with 1961, each establishment reports on the total operations carried out within its accounting boundaries (except income from investments such as rent, interest and dividends). However, data on different activities (manufacturing, selling, construction by own labour force etc.) are requested separately. The 1961 statistics in this report are confined to manufacturing activity in order to maintain comparability with previous years. In the 1962 reports it is planned to show both 1961 and 1962 data on the "total activity" basis in addition to the data on manufacturing operations.

### 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 but will be shown separately in subsequent years.

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, handling, warehousing and delivery staff. 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 the calendar year whether or not some establishments reported other data on a financial year basis.

### 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 with salaries, but will be shown separately in subsequent years. 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 establishment including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the establishment, of materials, supplies and components 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 or 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 generally refer to shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishment 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 which are treated as separate establishments are included. Goods bought or received as transfers and resold without further processing are not included. Values are requested

on f.o.b. establishment 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 extends 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 value of manufacturing inventory. Figures consist of inventory at the plant and at warehouses or selling outlets which are treated as extensions of the plants for the purpose of reporting shipments.

### Value added by Manufacturing

Value added is compiled by deducting the cost of materials, fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process). Value added is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Establishments engaged solely in repair work are not included in manufacturing industries (except in the case of furniture, shipbuilding, boat building, aircraft and railroad rolling stock industries) but establishments principally engaged in assembling parts into complete units are included.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business costs which are not collected in the annual Census of Manufactures. Value added figures for the primary industries, manufacturing and construction are published in D.B.S. publication 61-202, Survey of Production.

### Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking only for certain principal items of shipments. For purposes of publication, missing data were estimated on the basis of appropriate ratios. For the 1959 and 1960 censuses the general limit for short forms was raised from \$50,000 to \$100,000 value of shipments and a new intermediate form was used. This form is a shortened version of the long form in that some 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 inter-

mediate forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

In the 1961 Census, in addition to the question on shipments of goods of own manufacture, questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity, and inventories, are generally estimated by using ratios based on the change in the value of shipments from year to year. This is to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportion of the estimated data is generally less than 5 per cent of the total in each category of principal statistics.



## TOBACCO PRODUCTS INDUSTRIES

### 1961

In the preceding pages of Explanatory Notes a concise outline has been presented on factors applicable to and comprised in the tabular matter compiled for this publication. The revised Standard Industrial Classification and the new concept of the **establishment** (reporting unit; see Explanatory Notes page 3) apply to 1961 and succeeding Annual Census of Manufactures reports. Implementation of both features has necessitated adjustments to the statistics. To maintain comparability of principal statistics for recent years a special insertion, with applied adjustments back to 1957 is shown in Table 1 of Section 1 and Table 13 of Section 2.

As a result of increased work loads and staff shortages it has been necessary to suspend publication of certain tables normally contained in this report. It is planned to resume publication of these tables in the 1962 reports. The tables affected are the following: List of firms—Imports—Exports—Capital and Repair Expenditures.



## SECTION 1. TOBACCO PRODUCTS MANUFACTURERS

TABLE 1. Principal Statistics of the Tobacco Products Manufacturers, Significant Years 1932-59, and by Provinces, 1957-61

Year and provinces	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Value of factory shipments
Basis: Standard Industrial Classification in use prior to 1960							
	number				dollars		
1932 .....	116	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	64,664,521	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 .....	35	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
1958 .....	25	8,476	32,144,308	569,450	106,871,666	88,230,628	196,947,716
1959 .....	24	8,356	32,638,000	562,269	111,616,950	100,985,081	212,360,337
Basis: Revised Standard Industrial Classification and New Establishment Concept							
	number				dollars		
1957							
Canada .....	33	8,372	29,349,732	567,793	100,794,801	80,289,916	181,547,998
Quebec .....	23	7,664	27,109,628	528,135	92,328,036	72,638,926	165,429,003
Ontario .....	7	708	2,240,104	39,658	8,466,765	7,650,990	16,118,995
Prince Edward Island .....	3						
1958							
Canada .....	25	8,476	32,144,308	569,450	109,702,069	86,116,749	195,664,240
Quebec .....	16	7,297	27,608,504	506,141	95,690,662	74,531,207	170,327,171
Ontario .....	7	1,179	4,535,804	63,309	14,011,407	11,585,542	25,337,069
Prince Edward Island .....	2						
1959							
Canada .....	24	8,356	32,638,000	562,269	112,527,501	98,707,352	210,993,159
Quebec .....	15	7,171	28,240,805	489,169	97,163,759	84,146,844	181,435,073
Ontario .....	7	1,185	4,397,195	73,100	15,363,742	14,560,508	29,558,086
Prince Edward Island .....	2						
1960							
Canada .....	24	7,860	32,908,179	652,848	113,419,606	103,148,026	216,514,752
Quebec .....	16	6,686	28,361,119	497,597	97,654,844	84,882,044	182,239,156
Ontario .....	7	1,174	4,547,060	155,251	15,764,762	18,265,982	34,275,596
Prince Edward Island .....	1						
1961							
Canada .....	22	7,817	33,931,309	711,658	122,475,383	107,463,784	229,956,447
Quebec .....	15	6,606	28,854,770	526,359	101,924,386	84,602,122	186,813,260
Ontario .....	6	1,211	5,076,539	185,299	20,550,997	22,861,662	43,143,187
Prince Edward Island .....	1						

Note: Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.



TABLE 2. Shipments of Selected Items, Specified Years, 1929-61

Year	Cigars		Cigarettes		Tobacco, chewing	
	Quantity	Selling value at the plant <sup>1</sup>	Quantity	Selling value at the plant <sup>1</sup>	Quantity	Selling value at the plant <sup>1</sup>
	M	\$	M	\$	pounds	\$
1929	191,041	9,997,380	4,966,612	49,258,851	4,759,942	4,301,445
1933	112,030	4,731,335	4,310,305	34,878,274	3,062,849	2,765,653
1937	129,873	5,857,003	6,724,333	52,138,442	2,807,973	2,360,393
1939	135,825	5,411,054	7,163,433	57,277,062	2,577,890	2,184,537
1941	196,724	7,300,244	9,548,466	86,652,775	2,451,738	2,396,322
1943	200,370	9,665,753	13,591,320	155,930,531	2,927,050	3,660,488
1944	198,512	10,470,972	15,484,605	171,001,575	2,785,693	3,619,612
1945	207,861	11,715,058	17,684,707	207,612,532	2,803,753	3,640,867
1947	214,745	14,081,505	15,587,127	220,649,206	2,382,245	3,604,139
1948	210,335	14,453,386	16,071,779	240,838,123	2,044,952	3,183,708
1949	207,213	15,538,813	17,053,442	255,713,618	2,029,263	3,298,571
1950	198,987	14,467,354	17,311,062	266,821,398	1,762,551	3,010,763
1951	169,408	13,896,713	15,816,166	261,909,840	1,598,922	3,267,632
1952	201,517	15,487,025	18,037,368	290,947,786	1,445,139	3,231,906
1953	236,248	18,233,475	21,156,092	289,424,673	1,448,105	3,252,801
1954	240,520	17,925,856	22,425,791	303,682,204	1,307,367	3,259,552
1955	257,233	19,360,206	24,864,332	332,011,517	1,306,976	3,041,898
1956	260,900	19,723,097	27,343,996	366,114,213	1,042,444	2,624,060
1957	283,706	20,442,301	30,394,572	407,237,324	932,412 <sup>2</sup>	2,316,915 <sup>2</sup>
1958	319,595	22,518,284	32,777,573	439,366,706	1,109,709	2,743,546
1959	313,472	23,014,368	34,273,048	493,910,645	1,037,648	2,541,334
1960	328,688	22,661,734	34,698,794	509,689,068	"	"
1961	335,129	23,183,300	36,900,365	540,979,483	"	"

	Tobacco, smoking		Snuff	
	Quantity	Selling value at the plant <sup>1</sup>	Quantity	Selling value at the plant <sup>1</sup>
	pounds	\$	pounds	\$
1929	15,930,657 <sup>2</sup>	18,521,483 <sup>2</sup>	997,078	1,280,933
1933	19,920,925	20,834,043	756,079	1,013,641
1937	22,439,360	22,607,786	828,473	1,130,086
1939	24,709,819	24,498,111	836,955	1,149,262
1941	26,019,604	29,251,455	895,802	1,313,446
1943	24,808,718	35,536,053	941,740	1,796,435
1944	24,263,076	36,098,232	980,780	1,947,633
1945	26,234,568	39,122,699	978,389	1,951,149
1947	25,404,039	42,967,981	977,700	2,074,361
1948	26,337,329	46,606,959	992,359	2,109,405
1949	26,202,733	47,313,008	958,164	2,058,335
1950	26,794,763	50,863,770	947,592	2,038,976
1951	28,095,415	65,327,040	873,652	2,217,542
1952	31,635,023	77,789,494	869,863	2,299,246
1953	26,658,760	65,716,280	834,251	2,161,738
1954	25,124,638	62,603,868	852,954	2,211,267
1955	24,149,936	59,999,473	838,292	2,194,354
1956	21,588,083	53,655,153	825,446	2,135,685
1957	20,854,727	52,083,206 <sup>2</sup>	798,003	2,065,202
1958	21,608,808	55,771,402	"	"
1959	22,134,074	58,732,972	"	"
1960	22,089,389	59,308,034	"	"
1961	22,430,761	62,783,965	"	"

<sup>1</sup> Selling values given in this table include excise duties and sales tax.<sup>2</sup> Withheld in accordance with the confidential clauses of the Statistics Act.

TABLE 3. Factory Shipments, 1960 and 1961

Products shipped	Canada, 1960 <sup>1</sup>		Canada, 1961	
	Quantity	Selling value	Quantity	Selling value
		\$		\$
Chewing tobacco, plug	"	"	"	"
" " twist	"	"	"	"
Smoking tobacco, plug	ib.			
" " fine cut	"			
" " coarse cut	"			
" " leaf	"			
Snuff	M			
Cigars	"			
Cigarettes	"			
All other products	"			
Totals (including excise duties, taxes and outward transportation)	...	596,439,717	...	631,583,615
Less: (a) Excise duties and taxes	...	378,571,728	...	400,219,322
(b) Outward transportation charges which were not deducted from individual commodity items detailed above	...	...	...	1,407,846
Adjusted totals	...	217,887,989	...	229,956,447

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.<sup>2</sup> Confidential; included with "All other products".

TABLE 4. Materials Used, 1960 and 1961

Materials used	1960 <sup>1</sup>		1961	
	Quantity	Cost value	Quantity	Cost value
		\$		\$
Raw leaf tobacco, imported, (see also Table 5) .....	lb. 1,687,734	3,769,095	1,616,880	4,041,075
Raw leaf tobacco, domestic (see also Table 5) .....	" 93,417,896	77,777,465	99,731,423	82,783,092
All other tobacco (inc. scraps and cuttings) .....	" 9,301,812	142,952	5,903,574	392,228
Boxes, wooden and tin .....	No. 17,244,674	1,366,228	15,909,174	1,279,076
Boxes, plastic .....	... ..	260,848	... ..	221,863
Boxes, other .....	... ..	6,045,741	... ..	8,287,800
Cigarette papers .....	lb. 3,349,056	1,876,737	3,558,757	2,087,476
Lead, tin and aluminum foil .....	" 8,968,611	4,331,909	9,799,464	4,993,911
Cellophane .....	" 3,817,890	2,709,154	3,732,030	2,676,890
Other containers, wrappers, labels, bands, etc. ....	... ..	6,678,075	... ..	6,374,103
Filter tips and filter tip materials .....	... ..	5,046,056	... ..	5,615,687
All other materials <sup>2</sup> .....	... ..	1,151,686	... ..	1,301,909
Operating maintenance and repair supplies .....	... ..	2,263,660	... ..	2,394,264
Amount paid out to others for work done on material owned by this plant .....	... ..	—	... ..	25,809
<b>Total cost</b> .....	... ..	<b>113,419,606</b>	... ..	<b>122,475,383</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

<sup>2</sup> No detailed information on materials used was collected from small establishments. The estimated value of materials used by these establishments was \$200,292 in 1960 and \$262,760 in 1961. These amounts are included in "All other material".

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

	Raw leaf tobacco used in the manufacture of:							
	Cigars		Cigarettes		Tobacco and snuff		Total	
	Quantity	Cost value	Quantity	Cost value	Quantity	Cost value	Quantity	Cost value
	pounds	\$	pounds	\$	pounds	\$	pounds	\$
<b>1960<sup>1</sup></b>								
Imported raw leaf tobacco .....	1,327,957	3,426,937	308,675	310,130	51,102	32,028	1,667,734	3,769,095
Domestic raw leaf tobacco .....	3,609,239	3,248,046	69,638,084	60,274,842	20,170,573	14,254,577	93,417,896	77,777,465
<b>Total raw leaf tobacco (stemmed weight) .....</b>	<b>4,937,196</b>	<b>6,674,983</b>	<b>69,946,759</b>	<b>60,584,972</b>	<b>20,221,675</b>	<b>14,286,605</b>	<b>95,105,630</b>	<b>81,546,560</b>
<b>1961</b>								
Imported raw leaf tobacco .....	1,575,768	4,010,951	9,364	8,702	31,748	21,422	1,616,880	4,041,075
Domestic raw leaf tobacco .....	3,775,788	3,208,297	75,936,091	64,759,103	20,019,544	14,815,692	99,731,423	82,783,092
<b>Total raw leaf tobacco (stemmed weight) .....</b>	<b>5,351,556</b>	<b>7,219,248</b>	<b>75,945,455</b>	<b>64,767,805</b>	<b>20,051,292</b>	<b>14,837,114</b>	<b>101,348,303</b>	<b>86,824,167</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 6. Principal Statistics of the Tobacco Products Manufacturers grouped according to the Size of Establishments, 1960 and 1961

Shipment size	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value of shipments
	number			dollars		
<b>1960<sup>1</sup></b>						
Under \$100,000 .....	7	42	61,622	4,641	73,787	175,711
\$ 100,000 to \$ 999,999 .....	3	129	344,423	8,565	632,291	1,044,640
1,000,000 " \$4,999,999 .....	5	706	2,069,850	95,282	5,895,196	11,620,283
5,000,000 and over .....	9	6,983	30,412,284	544,360	106,818,332	205,047,355
<b>Totals</b> .....	<b>24</b>	<b>7,860</b>	<b>32,908,179</b>	<b>652,848</b>	<b>113,419,606</b>	<b>217,887,989</b>
<b>1961</b>						
Under \$100,000 .....	5	36	77,331	4,395	71,990	174,230
\$ 100,000 to \$ 999,999 .....	3	142	342,669	10,014	530,882	939,913
1,000,000 to 4,999,999 .....	4	597	1,617,390	35,914	4,208,583	8,831,431
5,000,000 and over .....	10	7,042	31,893,919	661,335	117,663,928	220,010,673
<b>Totals</b> .....	<b>22</b>	<b>7,817</b>	<b>33,931,309</b>	<b>711,658</b>	<b>122,475,383</b>	<b>229,956,447</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

**TABLE 7. Principal Statistics of the Tobacco Products Manufacturers grouped according to the Number of Employees, 1960 and 1961**

Employee groups	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number		dollars			
<b>1960<sup>1</sup></b>						
Under 15 employees .....	6	27	46,792	2,731	37,387	101,121
15 to 49 " .....	4	94	286,456	5,505	462,120	1,563,946
50 to 199 " .....	4	451	1,383,467	86,401	3,891,371	7,053,697
200 and over .....	10	7,288	31,191,464	558,211	109,028,728	209,169,225
<b>Totals .....</b>	<b>24</b>	<b>7,860</b>	<b>32,906,179</b>	<b>652,848</b>	<b>113,419,606</b>	<b>217,887,989</b>
<b>1961</b>						
Under 15 employees .....	4	21	43,235	2,475	35,310	99,060
15 to 49 " .....	4	104	300,190	7,560	606,235	1,623,678
50 to 199 " .....	3	334	803,066	24,638	1,824,563	3,618,657
200 and over .....	11	7,358	32,784,818	676,985	120,009,275	224,615,052
<b>Totals .....</b>	<b>22</b>	<b>7,817</b>	<b>33,931,309</b>	<b>711,658</b>	<b>122,475,383</b>	<b>229,956,447</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

**TABLE 8. Principal Statistics of the Tobacco Products Manufacturers grouped by Type of Ownership, 1960 and 1961**

Type of ownership	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	number		dollars			
<b>1960<sup>1</sup></b>						
Individual ownership .....	5	7,860	32,908,179	652,848	113,419,606	217,887,989
Partnership .....	1					
Incorporated companies .....	18					
<b>Totals .....</b>	<b>24</b>	<b>7,860</b>	<b>32,908,179</b>	<b>652,848</b>	<b>113,419,606</b>	<b>217,887,989</b>
<b>1961</b>						
Individual ownership .....	5	7,817	33,931,309	711,658	122,475,383	229,956,447
Partnership .....	1					
Incorporated companies .....	18					
<b>Totals .....</b>	<b>22</b>	<b>7,817</b>	<b>33,931,309</b>	<b>711,658</b>	<b>122,475,383</b>	<b>229,956,447</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

**TABLE 9. Inventories, 1961**

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory value <sup>1</sup>
	dollars			
<b>Opening inventory:<sup>2</sup></b>				
Quebec .....	35,480,925	2,579,299	3,147,681	41,207,905
Ontario .....	4,883,382	377,599	672,332	5,933,313
Other provinces .....				
<b>Canada .....</b>	<b>40,364,307</b>	<b>2,956,898</b>	<b>3,820,013</b>	<b>47,141,218</b>
<b>Closing inventory:</b>				
Quebec .....	22,148,598	1,063,422	3,628,282	26,840,302
Ontario .....	5,344,611	78,142	1,065,844	6,488,597
Other provinces .....				
<b>Canada .....</b>	<b>27,493,209</b>	<b>1,141,564</b>	<b>4,694,126</b>	<b>33,328,899</b>

<sup>1</sup> Book value of all manufacturing inventories held at plant or plant warehouses.

<sup>2</sup> The opening inventory for 1961 differs from the closing inventory for 1960 because of the receipt of revised data, the inclusion of new establishments, the removal of figures for establishments which did not operate during 1961, changes in classification, and the implementation of the New Establishment Concept.



TABLE 10. Employees and their Earnings, by Provinces, 1960 and 1961

	Supervisory and office employees			Production workers (monthly average)			Total employees		Total salaries and wages
	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	
	number		\$	number		\$	number		\$
1960 <sup>1</sup>									
Canada .....	825	499	7,458,503	2,687	3,849	25,449,676	3,512	4,348	32,908,179
Quebec .....	656	445	6,466,296	2,273	3,312	21,894,823	2,929	3,757	28,361,119
Ontario .....	169	54	992,207	414	537	3,554,853	583	591	4,547,060
Prince Edward Island .....									
1961									
Canada .....	799	527	7,592,645	2,717	3,774	26,338,664	3,516	4,301	33,931,309
Quebec .....	631	451	6,355,813	2,278	3,246	22,498,957	2,909	3,697	28,854,770
Ontario .....	168	76	1,236,832	439	528	3,839,707	607	604	5,076,539
Prince Edward Island .....									

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 11. Production Workers by Months and Sex, 1961<sup>1</sup>

	Male	Female	Total
	number		
January .....	2,675	3,690	6,365
February .....	2,670	3,687	6,357
March .....	2,688	3,674	6,362
April .....	2,691	3,651	6,342
May .....	2,701	3,728	6,429
June .....	2,766	3,931	6,697
July .....	2,756	3,964	6,720
August .....	2,737	3,771	6,508
September .....	2,730	3,829	6,559
October .....	2,718	3,779	6,497
November .....	2,725	3,780	6,505
December .....	2,739	3,792	6,531
Monthly averages .....	2,717	3,774	6,491

<sup>1</sup> The monthly detail of production workers was not collected from small establishments. Annual averages reported by these establishments were included in each months' total.

TABLE 12. Consumption of Fuel and Electricity, 1961

Kind	Quantity	Cost at plant
		\$
1. Establishments reporting commodity detail: <sup>1</sup>		
Bituminous coal (a) From Canadian mines .....	ton	—
(b) Imported .....	1,045	12,605
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	32,858
Fuel oil including kerosene or coal oil .....	"	2,749,768
Gas (a) Liquefied petroleum gases .....	"	10,982
(b) Other manufactured gas .....	"	—
(c) Natural gas .....	M cu. ft.	51,486
Electricity purchased .....	kwh.	39,548,436
Steam purchased .....	pound	18,549,486
2. Estimate for establishments for which no data were collected: <sup>2</sup>		
Cost of fuel and electricity .....	...	10,000
3. All establishments:		
Total cost of fuel and electricity .....		711,000

<sup>1</sup> Large establishments.

<sup>2</sup> Small establishments.



## SECTION 2. LEAF TOBACCO PROCESSING

TABLE 13. Principal Statistics of Leaf Tobacco Processing, Significant Years, 1932 -59  
and by Provinces, 1957-61

Year and province	Establish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Value of production
Basis: Standard Industrial Classification in use prior to 1960							
	number				dollars		
1932 .....	18	1,439	916,273	44,533	6,752,694	1,903,218	8,700,445
1934 .....	22	1,358	851,955	47,655	4,154,898	1,362,278	5,564,831
1935 .....	21	1,489	942,202	43,104	6,807,056	1,385,603	8,235,763
1936 .....	16	1,722	1,155,503	50,567	10,795,356	2,078,748	12,924,671
1939 .....	19	2,636	2,028,407	65,967	18,234,819	4,237,893	22,538,679
1940 .....	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
1945 .....	14	1,545	1,893,967	91,087	35,336,958	5,004,653	40,432,698
1946 .....	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
1948 .....	17	1,500	2,423,115	152,267	42,233,705	4,530,640	46,916,632
1949 .....	15	1,657	2,867,997	160,725	54,037,536	4,887,886	59,086,147
1950 .....	15	1,819	3,116,967	180,982	59,928,221	5,792,169	65,901,372
1951 .....	14	1,845	3,477,061	195,782	56,703,794	5,788,706	62,688,282
1952 .....	14	1,690	3,368,353	208,216	71,369,606	5,912,589	77,490,411
1953 .....	13	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
1955 .....	16	2,059	4,328,045	268,505	78,588,950	9,693,612	86,551,067
1956 .....	16	1,785	3,861,332	261,287	60,274,356	9,178,426	69,714,069
1957 .....	18	1,533	3,973,089	276,821	60,416,497	6,246,474	66,939,792
1958 .....	15	1,843	4,999,294	331,932	97,171,868	10,687,120	108,190,920
1959 .....	16	1,931	5,090,218	340,462	101,153,728	10,709,134	112,203,324
Basis: Revised Standard Industrial Classification and New Establishment Concept							
	number				dollars		
1957							
Canada .....	15	1,533	3,973,089	276,821	60,711,945	6,619,363	67,608,129
Quebec .....	6	354	800,940	56,538	2,078,627	1,064,170	3,199,335
Ontario .....	9	1,179	3,172,149	220,283	58,633,318	5,555,193	64,408,794
1958							
Canada .....	14	1,843	4,999,294	331,932	97,803,759	11,323,624	109,459,315
Quebec .....	5	321	811,922	50,693	2,235,646	1,401,689	3,688,028
Ontario .....	9	1,522	4,187,372	281,239	95,568,113	9,921,935	105,771,287
1959							
Canada .....	15	1,931	5,090,218	340,462	101,880,628	11,458,220	113,659,310
Quebec .....	6	210	587,100	47,193	1,980,119	690,049	2,717,361
Ontario .....	9	1,721	4,503,118	293,269	99,880,509	10,768,171	110,941,949
1960							
Canada .....	15	1,871	5,446,304	322,419	104,719,177	12,813,235	117,854,831
Quebec .....	6	193	562,859	57,330	3,264,353	947,198	4,268,881
Ontario .....	9	1,678	4,883,445	265,089	101,454,824	11,866,037	113,585,950
1961							
Canada .....	16	1,625	5,222,569	323,544	82,821,722	21,176,148	105,026,789
Quebec .....	6	222	672,621	57,868	2,977,024	4,290,817	6,645,931
Ontario .....	10	1,403	4,549,948	265,676	79,844,698	16,885,331	98,380,858

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.

TABLE 14. Factory Shipments, 1960 and 1961

	1960 <sup>1</sup>		1961	
	Quantity	Selling value	Quantity	Selling value
	pounds	\$	pounds	\$
Bright, flue-cured .....	147,224,601	106,513,755	128,785,525	94,044,593
Burley .....	8,784,119	4,523,446	?	?
Dark, air-cured and fire-cured .....	?	?	?	?
Cigar leaf .....	7,066,464	3,901,387	6,719,046	5,826,253
Pipe varieties .....	?	?	?	?
All other tobacco .....	850,272	437,083	5,540,329	3,529,079
Tobacco processed for others:				
Bright, flue-cured .....	27,411,036	...	22,100,958	...
Burley .....	201,184	...	—	...
Pipe varieties .....	157,130	...	91,100	...
Amount received in payment for work done on materials owned by others ..	...	2,479,160	...	1,632,166
<b>Totals .....</b>	<b>191,694,806</b>	<b>117,854,831</b>	<b>163,236,958</b>	<b>105,032,091</b>
Less, outward transportation charges which were not deducted from individual commodity items detailed above .....	...	...	...	5,302
<b>Adjusted totals .....</b>	<b>...</b>	<b>...</b>	<b>163,236,958</b>	<b>105,026,789</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.<sup>2</sup> Confidential; included with "All other tobacco".

TABLE 15. Materials Used, by Types, 1960 and 1961

	1960 <sup>1</sup>		1961	
	Quantity (green weight)	Cost value	Quantity (green weight)	Cost value
	pounds	\$	pounds	\$
Bright, flue-cured .....	168,504,197	94,470,266	143,854,884	77,320,288
Burley .....	10,614,265	3,897,018	47,514	13,415
Dark, air-cured and fire-cured .....	594,701	206,151	620,295	225,762
Cigar leaf .....	8,558,956	3,007,499	8,259,140	2,701,472
Pipe varieties .....	311,457	105,197	278,496	86,043
All other tobacco .....	—	—	202,483	9,665
Tobacco for custom work:				
Bright, flue-cured .....	34,038,005	...	32,769,204	...
Burley .....	237,835	...	—	...
Pipe varieties .....	174,590	...	109,386	...
All other materials .....	...	—	...	1,251
Containers and packaging material .....	...	1,149,198	...	1,128,879
Operating, maintenance and repair supplies .....	...	336,125	...	381,398
Amount paid out to others for work done on materials owned by this plant .....	...	1,547,723	...	953,549
<b>Totals .....</b>	<b>223,034,006</b>	<b>104,719,177</b>	<b>186,141,402</b>	<b>82,821,722</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 16. Principal Statistics of Products Manufacturers grouped according to Size of Shipments, 1960 and 1961

Shipment size	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of fuel and electricity	Cost at factory of materials used	Selling value of shipments
	number		dollars			
<b>1960<sup>1</sup></b>						
Under \$1,000,000 .....	6	78	206,848	28,043	1,483,947	1,859,603
\$1,000,000 to \$4,999,999 .....	5	703	1,725,600	109,848	8,484,786	12,059,040
5,000,000 and over .....	5	1,090	3,513,856	184,528	94,750,444	103,936,188
<b>Totals .....</b>	<b>16</b>	<b>1,871</b>	<b>5,446,304</b>	<b>322,419</b>	<b>104,719,177</b>	<b>117,854,831</b>
<b>1961</b>						
Under \$1,000,000 .....	6	328	787,192	57,080	889,786	1,998,109
\$1,000,000 to \$4,999,999 .....	4	264	869,154	60,302	5,061,437	8,610,529
5,000,000 and over .....	6	1,033	3,566,223	206,162	76,870,499	94,418,151
<b>Totals .....</b>	<b>16</b>	<b>1,625</b>	<b>5,222,569</b>	<b>323,544</b>	<b>82,821,722</b>	<b>105,026,789</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

OV 24 1975

TABLE 17. Principal Statistics of Tobacco Products Manufacturers grouped according to the Number of Employees, 1960 and 1961

Number of employees	Estab-lish-ments	Em-employees	Salaries and wages	Cost of fuel and electricity	Cost at factory of materials used	Selling value of factory shipments
	number		dollars			
<b>1960<sup>1</sup></b>						
Under 50 employees .....	6	78	206,848	28,043	1,483,947	1,859,803
50 to 99 " .....	3	234	687,328	48,898	4,598,385	5,780,504
100 and over .....	7	1,559	4,552,128	245,480	98,636,845	110,214,724
<b>Totals .....</b>	<b>16</b>	<b>1,871</b>	<b>5,446,304</b>	<b>322,419</b>	<b>104,719,177</b>	<b>117,854,831</b>
<b>1961</b>						
Under 50 employees .....	6	132	332,503	37,357	1,623,550	2,320,516
50 to 99 " .....	3	240	763,481	55,644	4,223,670	7,596,782
100 and over .....	7	1,253	4,126,585	230,543	76,974,502	95,109,491
<b>Totals .....</b>	<b>16</b>	<b>1,625</b>	<b>5,222,569</b>	<b>323,544</b>	<b>82,821,722</b>	<b>105,026,789</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 18. Principal Statistics of Tobacco Products Manufacturers grouped according to Type of Ownership, 1960 and 1961

Type of ownership	Estab-lish-ments	Em-employees	Salaries and wages	Cost of fuel and electricity	Cost at factory of materials used	Selling value of shipments
	number		dollars			
<b>1960<sup>1</sup></b>						
Individual ownership .....	1	1,871	5,446,304	322,419	104,719,177	117,854,831
Incorporated companies .....	12					
Co-operatives .....	3					
<b>Totals .....</b>	<b>16</b>	<b>1,871</b>	<b>5,446,304</b>	<b>322,419</b>	<b>104,719,177</b>	<b>117,854,831</b>
<b>1961</b>						
Incorporated companies .....	13	1,496	4,938,300	299,409	81,260,516	102,918,190
Co-operatives .....	3	129	284,269	24,135	1,561,206	2,108,599
<b>Totals .....</b>	<b>16</b>	<b>1,625</b>	<b>5,222,569</b>	<b>323,544</b>	<b>82,821,722</b>	<b>105,026,789</b>

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 19. Inventories, 1961

Province	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory value <sup>1</sup>
	dollars			
<b>Opening inventory:<sup>2</sup></b>				
Quebec .....	222,095	238,115	3,585,583	4,045,793
Ontario .....	2,183,182	4,688,683	93,105,706	99,977,571
<b>Canada .....</b>	<b>2,405,277</b>	<b>4,926,798</b>	<b>96,691,289</b>	<b>104,023,364</b>
<b>Closing inventory:</b>				
Quebec .....	143,764	196,853	4,306,623	4,647,240
Ontario .....	1,444,243	2,688,772	93,720,464	97,853,479
<b>Canada .....</b>	<b>1,588,007</b>	<b>2,885,625</b>	<b>98,027,087</b>	<b>102,500,719</b>

<sup>1</sup> Book value of all manufacturing inventories held at plant and plant warehouses.<sup>2</sup> The opening inventory for 1961 differs from the closing inventory for 1960 because of the receipt of revised data, the inclusion of the new establishments, the removal of figures for establishments which did not operate during 1961, change in classification, and the implementation of the New Establishment Concept.





1010732238

TOBACCO PRODUCTS MANUFACTURERS

TABLE 20. Employees and their Earnings, by Provinces, 1960 and 1961

Year and provinces	Supervisory and office employees			Production workers (monthly averages)			Total employees and total earnings		
	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	Salaries and wages
	number		\$	number		\$	number		\$
<b>1960<sup>1</sup></b>									
Canada .....	215	33	1,481,878	1,016	607	3,964,426	1,231	640	5,446,304
Quebec .....	30	6	138,314	145	12	424,545	175	18	562,859
Ontario .....	185	27	1,343,564	871	595	3,539,881	1,056	622	4,883,445
<b>1961</b>									
Canada .....	208	30	1,477,879	1,035	352	3,744,690	1,243	382	5,222,569
Quebec .....	29	7	149,920	169	17	522,701	198	24	672,621
Ontario .....	179	23	1,327,959	866	335	3,221,989	1,045	358	4,549,948

<sup>1</sup> Based on the revised 1960 Standard Industrial Classification without revisions for the New Establishment Concept.

TABLE 21. Production Workers, by Months, 1961

Months	Male	Female	Total
	number		
January .....	3,060	1,506	4,566
February .....	2,589	1,140	3,729
March .....	1,274	444	1,718
April .....	435	145	580
May .....	372	22	394
June .....	351	21	372
July .....	328	16	344
August .....	338	19	357
September .....	403	21	424
October .....	379	24	403
November .....	817	121	938
December .....	2,079	741	2,820
Monthly averages .....	1,035	352	1,387

TABLE 22. Consumption of Fuel and Electricity, 1961

Kinds of fuel	Quantity	Cost value at factory
		\$
Bituminous coal:		
(a) From Canadian mines .....	ton 182	3,135
(b) Imported .....	" 5,400	71,757
Anthracite coal .....	" 1,207	17,261
Coke .....	" 4	120
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 43,296	16,642
Fuel oil .....	" 1,079,420	97,514
Wood .....	cord 12	144
Liquefied petroleum gases (propane, etc.) .....	Imp. gal. 17,768	4,579
Natural gas .....	M cu. ft. 169	250
Electricity purchased (including service charges) .....	kwh. 8,515,053	111,940
<b>Totals .....</b>		<b>323,544</b>