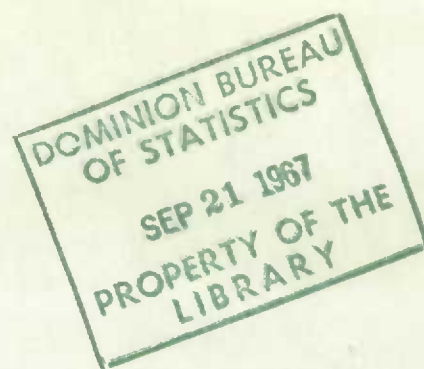


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TOBACCO PRODUCTS INDUSTRIES 1965

ANNUAL CENSUS OF MANUFACTURES

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TOBACCO PRODUCTS INDUSTRIES

1965

In the pages of Concepts and Definitions to be found at the end of this bulletin 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 Concepts and Definition) apply throughout this bulletin.

This report is divided into two sections, viz. — Section 1 covers the Tobacco Products Manufacturers; that is the establishments principally engaged in manufacturing cigarettes, cigars, etc.; while Section 2 covers Leaf Tobacco Processors; that is the establishment principally engaged in re-drying the leaf tobacco and preparing it for the use of manufacturers of tobacco products.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- preliminary figures.
- * revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

SECTION 1. TOBACCO PRODUCTS MANUFACTURERS
TABLE 1. Principal Statistics, 1961-65

Year and province	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1961													
Totals	21	6,470	13,694	26,325	710	122,463	229,904	107,625	8	39	8,741	38,503	108,878
1962													
Totals	22	6,618	13,500	27,231	827	128,230	242,069	112,734	7	31	9,081	41,240	113,680
1963													
Totals	21	6,664	12,911	28,642	899	129,074	245,333	116,221	7	17	8,847	41,238	117,622
1964													
Newfoundland .....	...	...	...	...	...	...	...	...	...	...	16	84	...
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	...	...	...	...	...	...	...	...	...	...	29	141	...
Quebec	14	5,479	10,580	24,477	592	99,495	187,180	89,324	x	x	6,950	333,436	91,793
Ontario	7	1,109	2,166	5,181	265	32,665	63,754	31,609	x	x	1,736	8,454	31,599
Manitoba .....	...	...	...	...	...	...	...	...	...	...	70	334	...
Saskatchewan .....	...	...	...	...	...	...	...	...	...	...	15	79	...
Alberta .....	...	...	...	...	...	...	...	...	...	...	59	295	...
British Columbia .....	...	...	...	...	...	...	...	...	...	...	81	437	...
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	21	6,588	12,747	29,659	857	132,160	250,934	120,933	4	6	8,956	43,260	123,392
1965													
Newfoundland .....	...	...	...	...	...	...	...	...	...	...	17	86	...
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	...	...	...	...	...	...	...	...	...	...	29	146	...
Quebec	13	5,246	10,434	25,038	659	99,073	198,982	98,487	x	x	6,596	34,001	99,567
Ontario	7	1,242	2,374	6,044	324	37,735	81,272	44,094	x	x	1,782	9,500	44,075
Manitoba .....	...	...	...	...	...	...	...	...	...	...	60	319	...
Saskatchewan .....	...	...	...	...	...	...	...	...	...	...	17	79	...
Alberta .....	...	...	...	...	...	...	...	...	...	...	41	258	...
British Columbia .....	...	...	...	...	...	...	...	...	...	...	73	448	...
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	20	6,488	12,808	31,083	983	136,808	280,255	142,581	4	7	8,615	44,837	143,642

TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Under \$10,000	4												
\$ 10,000 to \$ 24,999		11	23	33	4	50	134	83	4	6	14	49	83
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	5	306	631	814	36	3,139	5,674	2,506			401	1,257	2,502
500,000 " 999,999													
1,000,000 " 4,999,999													
5,000,000 and over	12	6,271	12,093	28,811	817	128,972	245,126	118,344			7,395	35,071	119,512
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
Totals	21	6,588	12,747	29,659	857	132,160	250,934	120,933	4	6	8,956	43,260	123,392
1965													
Under \$10,000	4												
\$ 10,000 to \$ 24,999		8	17	31	5	67	176	106	4	7	11	46	106
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	4	261	510	761	28	2,159	5,728	3,548			322	1,085	3,537
500,000 " 999,999													
1,000,000 " 4,999,999													
5,000,000 and over	12	6,219	12,280	30,291	951	134,582	274,351	138,927			7,066	36,199	138,774
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,294
Totals	20	6,488	12,808	31,083	983	136,808	280,255	142,581	4	7	8,615	41,817	143,642

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Under \$10,000	4												
\$ 10,000 to \$ 24,999		11	23	33	4	50	134	83	4	6	14	49	83
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	5	306	631	814	36	3,139	5,674	2,506			401	1,259	2,502
500,000 " 999,999													
1,000,000 " 4,999,999													
5,000,000 and over	9	703	1,310	2,232	74	12,891	22,979	10,842			1,044	3,617	12,108
Head offices, sales offices and auxiliary units	9	5,568	10,783	26,579	743	116,081	222,147	107,502			6,351	31,455	107,404
Totals	21	6,588	12,747	29,659	857	132,160	250,934	120,933	4	6	8,956	43,260	123,392
1965													
Under \$10,000	4												
\$ 10,000 to \$ 24,999		8	17	31	5	68	176	106	4	7	11	46	106
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	5	770	1,482	2,202	73	7,414	15,081	8,238			948	3,094	8,237
500,000 " 999,999													
1,000,000 " 4,999,999													
5,000,000 and over	11	5,710	11,309	28,849	906	129,327	264,998	134,237			6,440	34,191	134,084
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,294
Totals	20	6,488	12,808	31,083	983	136,808	280,255	142,581	4	7	8,615	44,837	143,642

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Under \$10,000													
\$ 10,000 to \$ 24,999	4	11	23	33	4	50	134	83	4	6	14	49	83
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	-
50,000 " 99,999	-	-	-	-	-	-	-	-	-	-	-	-	-
100,000 " 199,999	3	166	361	421	29	1,817	2,651	823	-	-	218	688	824
200,000 " 499,999	-	-	-	-	-	-	-	-	-	-	-	-	-
500,000 " 999,999	4	699	1,316	2,035	63	9,244	17,110	8,503	-	-	971	3,140	8,470
1,000,000 " 4,999,999	10	5,712	11,047	27,170	762	121,049	231,039	111,524	-	-	6,607	32,501	112,720
5,000,000 and over .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
Totals	21	6,588	12,747	29,659	857	132,160	250,934	120,933	4	6	8,956	43,260	123,392
1965													
Under \$10,000													
\$ 10,000 to \$ 24,999	4	8	17	31	5	68	176	106	4	7	11	46	106
25,000 " 49,999	-	-	-	-	-	-	-	-	-	-	-	-	-
50,000 " 99,999	-	-	-	-	-	-	-	-	-	-	-	-	-
100,000 " 199,999	-	-	-	-	-	-	-	-	-	-	-	-	-
200,000 " 499,999	-	-	-	-	-	-	-	-	-	-	-	-	-
500,000 " 999,999	5	770	1,482	2,202	73	7,414	15,081	8,238	-	-	948	3,094	8,227
1,000,000 " 4,999,999	11	5,710	11,309	28,849	906	129,327	264,998	134,237	-	-	6,440	34,191	134,084
5,000,000 and over .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
Totals	20	6,488	12,808	31,083	983	136,808	280,255	142,581	4	7	8,615	44,837	143,642

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Under 5 employed	4	11	23	33	4	50	134	83	4	6	14	49	83
5-14 employed	3	111	239	352	15	1,147	2,356	1,192	-	-	132	483	1,201
15-49 "	3	275	537	778	44	5,439	9,022	3,721	-	-	455	1,480	3,705
50-99 "	6	1,759	3,379	8,269	344	45,463	90,888	45,789	-	-	2,230	10,796	47,087
100-199 "	5	4,432	8,570	20,226	451	80,061	148,533	70,148	-	-	4,979	23,570	70,022
200-499 " .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
500 employed and over .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
Totals	21	6,588	12,747	29,659	857	132,160	250,934	120,933	4	6	8,956	43,260	123,392
1965													
Under 5 employed	4	8	17	31	5	68	176	106	4	7	11	46	106
5-14 employed	5	410	779	1,482	59	6,757	15,815	8,996	-	-	487	1,877	8,981
15-49 "	5	1,511	2,938	7,381	277	37,334	81,790	44,192	-	-	1,668	8,420	44,149
50-99 "	6	4,559	9,074	22,188	644	92,650	182,474	89,287	-	-	5,233	26,988	89,181
100-199 " .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
200-499 " .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
500 employed and over .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
Totals	20	6,488	12,808	31,083	983	136,808	280,255	142,581	4	7	8,615	44,837	143,642

TABLE 6. Principal Statistics classified by Type of Organization, 1964 and 1965

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Individual ownerships	3	2	6	12	2	21	64	45	4	6	3	14	45
Partnerships													
Incorporated companies	18	6,586	12,741	29,647	855	132,139	250,869	120,889	...	...	7,807	36,364	122,053
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,146	6,883	1,294
Totals	21	6,588	12,747	29,659	857	132,160	250,934	120,933	4	6	8,936	43,260	123,392
1965													
Individual ownerships	3	5	11	17	3	37	98	60	4	7	6	19	60
Partnerships													
Incorporated companies	17	6,483	12,797	31,065	981	136,771	280,157	142,521	...	...	7,393	37,312	142,357
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	1,216	7,507	1,226
Totals	20	6,488	12,808	31,083	983	136,808	280,255	142,581	4	7	8,615	44,837	143,642

TABLE 7. Calculation of Output, Input and Value Added, 1964 and 1965

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1964	1965	1964	1965	1964	1965
\$'000						
Output						
1. Shipments and other revenue	250,934	280,255	10,217	4,185	261,151	284,440
Inventories—Goods of own manufacture:						
Add closing—Goods in process	1,469	2,126	...	...	1,469	2,126
Finished goods	8,730	6,900	...	...	8,730	6,900
Deduct opening—Goods in process	1,696	1,469	...	...	1,696	1,469
Finished goods	5,486	7,437	...	...	5,486	7,437
2. Net inventory change	3,017	120	...	...	3,017	120
3. Gross output (1 + 2)	253,951	280,375	10,217	4,185	264,168	284,580
Input						
4. Purchases of goods not of own manufacture .....	...	...	6,846	2,001	6,846	2,001
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	616	639	616	639
Deduct closing .....	...	...	718	572	718	572
5. Cost of goods sold (not of own manufacture) .....	...	...	6,744	2,068	6,744	2,068
6. Materials, supplies, etc.	132,160	136,808	1,014	1,056	133,174	137,864
7. Fuel and electricity	857	983	...	...	857	983
8. Gross input (5 + 6 + 7)	133,017	137,791	7,758	3,124	140,775	140,915
Value added (3 - 8)	120,933	142,581	2,459	1,061	123,392	143,642

TABLE 8. Employment and Payroll, 1964 and 1965

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Admin- istrative and office	Sales and distri- bution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
1964															
Newfoundland .....	...	...	...	...	...	...	13	3	13	3	...	...	...	84	84
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	...	...	...	...	...	...	23	6	23	6	...	...	...	141	141
Quebec	2,301	3,178	93	46	507	342	395	88	3,296	3,654	24,477	688	5,826	2,445	33,436
Ontario	520	589	69	5	126	63	320	44	1,035	701	5,181	276	1,171	1,826	8,454
Manitoba .....	...	...	...	...	...	...	55	15	55	15	...	...	...	334	334
Saskatchewan .....	...	...	...	...	...	...	15	—	15	—	...	...	...	79	79
Alberta .....	...	...	...	...	...	...	51	8	51	8	...	...	...	295	295
British Columbia .....	...	...	...	...	...	...	71	10	71	10	...	...	...	437	437
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,821	3,767	162	51	633	405	943	174	4,559	4,397	29,659	963	6,998	5,640	43,260
1965															
Newfoundland .....	...	...	...	...	...	...	13	4	13	4	...	...	...	86	86
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	...	...	...	...	...	...	23	6	23	6	...	...	...	146	146
Quebec	2,254	2,992	28	30	520	331	378	63	3,180	3,416	25,038	317	6,132	2,513	34,001
Ontario	656	586	8	—	137	83	267	45	1,068	714	6,044	44	1,507	1,905	9,500
Manitoba .....	...	...	...	...	...	...	47	13	47	13	...	...	...	319	319
Saskatchewan .....	...	...	...	...	...	...	16	1	16	1	...	...	...	79	79
Alberta .....	...	...	...	...	...	...	36	5	36	5	...	...	...	258	258
British Columbia .....	...	...	...	...	...	...	63	10	63	10	...	...	...	448	448
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,910	3,578	36	30	657	414	843	147	4,446	4,169	31,083	361	7,639	5,754	44,837

TABLE 9. Production and Related Workers, — Manufacturing Activity, 1964 and 1965

Month	1964		1965	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January	2,849	3,680	2,891	3,496
February	2,771	3,489	2,872	3,566
March	2,755	3,525	2,827	3,545
April	2,810	3,636	2,918	3,551
May	2,866	3,780	2,921	3,611
June	2,948	3,964	3,047	3,770
July	2,849	3,816	2,752	3,368
August	2,843	3,982	2,980	3,703
September	2,653	3,944	2,943	3,637
October	2,640	3,882	2,895	3,610
November	2,858	3,769	2,933	3,569
December	2,868	3,740	2,940	3,510
Averages	2,821	3,767	2,910	3,578
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments	2,821	3,767	2,910	3,578

TABLE 10. Inventories,¹ 1965

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
	book value \$'000					
Opening:						
Newfoundland .....	...	...	...	...	...	...
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick .....	...	...	...	...	...	...
Quebec	24,048	1,381	12,707	38,136	639	38,775
Ontario	18,959	88	1,731	20,778	—	20,778
Manitoba .....	...	...	...	...	...	...
Saskatchewan .....	...	...	...	...	...	...
Alberta .....	...	...	...	...	...	...
British Columbia .....	...	...	...	...	...	...
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	43,006	1,469	14,438	58,913	639	59,553
Closing:						
Newfoundland .....	...	...	...	...	...	...
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick .....	...	...	...	...	...	...
Quebec	30,513	1,946	11,703	44,162	572	44,734
Ontario	18,557	180	2,521	21,258	—	21,258
Manitoba .....	...	...	...	...	...	...
Saskatchewan .....	...	...	...	...	...	...
Alberta .....	...	...	...	...	...	...
British Columbia .....	...	...	...	...	...	...
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	49,069	2,126	14,225	65,420	572	65,992

TABLE 11. Purchased Fuel and Electricity Used, 1964 and 1965

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	—	—	—
(b) Imported	"	—	—	—
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	—	—	—
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	137,316	63,800	25
Fuel oil including kerosene or coal oil	"	1,981,814	2,271,280	226
Wood	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	136,175	225,060	101
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	83,506	134,496	63
Other fuel .....	...	—	...	—
Electricity purchased	kwh.	49,245,795	56,439,824	532
Steam purchased .....	...	29	...	31
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	14	...	5
3. All establishments:				
Total fuel and electricity used .....	...	857	...	983

¹ The difference between figures in Table 10 and those in Table 7 arises from firms reporting output of products on the basis of production rather than of shipments. Consequently, inventories of finished products for such respondents are not taken into account for purposes of compiling value added in Table 7. See also "Concepts and Definitions" for explanation of other variances.

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964 and 1965

Description		1964		1965	
		Quantity	Cost	Quantity	Cost
			\$'000		\$'000
1. Materials used:					
Raw leaf tobacco, imported	lb.	2,905,085	6,002	2,730,662	6,583
Raw leaf tobacco domestic	"	101,235,467	82,274	106,772,920	84,950
All other tobacco (including scraps and cuttings)	"	10,307,375	1,862	14,810,590	1,638
Boxes, wooden and tin	No.	13,174,883	1,090	13,486,678	1,131
Boxes, plastic	"	959,020	151	1,026,384	151
Boxes, other	"	...	8,814	...	10,016
Cigarette papers	lb.	4,259,308	2,415	4,488,338	2,541
Lead, tin and aluminum foil	"	11,235,812	6,101	11,654,036	6,358
Cellophane	"	4,429,272	3,144	4,476,760	3,142
Other containers, wrappers, labels, bands, etc.	...	...	8,436	...	8,486
Filter tips and filter tip materials	...	...	6,966	...	7,333
All other materials and components used ¹	...	...	1,412	...	918
2. Containers and other packaging materials and supplies used	...	...	2	...	2
3. Operating, maintenance and repair supplies used (excluding fuel)	...	...	3,183	...	3,257
4. Amount paid out to others for work done on materials owned by establishments	...	...	311	...	304
Totals	...	...	132,160	...	136,808

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$403,020 in 1964.

² Included with "Other containers, wrappers, labels, bands, etc.".

TABLE 12 A. Distribution of Raw Leaf Tobacco Reported in Table 12, 1964 and 1965

	Raw leaf tobacco used in the manufacture of							
	Cigars		Cigarettes		Tobacco and snuff		Total	
	Quantity lb.	Value \$'000	Quantity lb.	Value \$'000	Quantity lb.	Value \$'000	Quantity lb.	Value \$'000
1964								
Imported raw leaf tobacco	1,788,384	4,936	904,800	877	211,901	190	2,905,085	6,002
Domestic raw leaf tobacco	4,741,036	4,554	80,964,098	65,828	15,530,333	11,892	101,235,467	82,274
Total raw leaf tobacco (stemmed weight)	6,529,420	9,490	81,868,898	66,705	15,742,234	12,082	104,140,552	88,276
1965								
Imported raw leaf tobacco	1,445,215	5,281	1,214,830	1,236	70,617	66	2,730,662	6,583
Domestic raw leaf tobacco	5,313,981	4,322	86,458,251	69,463	15,000,688	11,165	106,772,920	84,950
Total raw leaf tobacco (stemmed weight)	6,759,196	9,603	87,673,081	70,699	15,071,305	11,231	109,503,582	91,533

TABLE 13. Shipments of Goods of Own Manufacture, 1964 and 1965

Description		1964		1965	
		Quantity	Value	Quantity	Value
			\$'000		\$'000
1. Products:					
Chewing tobacco:					
Plug	lb.	—	—	—	—
Twist	"	—	—	—	—
Smoking tobacco:					
Plug	lb.	1	1	1	1
Fine cut	"	16,507,003	46,624	15,940,448	44,963
Coarse cut	"	2,171,848	6,083	1,863,998	5,232
Leaf	"	1	1	1	1
Snuff	"	1	1	1	1
Cigars	M	476,949 ¹	31,272	500,723	31,541
Cigarettes	"	40,784,107	602,841	43,621,061	657,698
All other products	...	...	5,006	...	6,262
2. Amount received in payment for work done on materials and products owned by others	...	...	—	...	—
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	...	...	440,894	...	(465,442)
Net adjustment for establishments receiving progress payments	...	...	—	...	—
Total adjusted value of shipments and work done	...	...	250,834	...	280,255

¹ Confidential; included in "All other products".

TABLE 14. Shipments of Selected Items, Specified Years, 1929-65

	Cigars		Cigarettes		Tobacco, chewing	
	Quantity	Value ¹	Quantity	Value ¹	Quantity	Value ¹
	M	\$'000	M	\$'000	M	\$'000
1929	191,041	9,997	4,966,612	49,259	4,759,942	4,301
1933	112,030	4,731	4,310,305	34,878	3,062,849	2,766
1937	129,873	5,857	6,724,333	52,138	2,807,973	2,360
1939	135,825	5,411	7,163,433	57,277	2,577,890	2,185
1941	196,724	7,300	9,548,466	86,653	2,451,738	2,396
1944	198,512	10,471	15,484,605	171,002	2,785,693	3,620
1945	207,861	11,715	17,684,707	207,613	2,803,753	3,641
1947	214,745	14,082	15,587,127	220,649	2,382,245	3,604
1948	210,335	14,453	16,071,779	240,838	2,044,952	3,184
1949	207,213	15,539	17,053,442	255,714	2,029,263	3,299
1950	198,987	14,467	17,311,062	266,821	1,762,551	3,010
1951	169,408	13,897	15,816,166	261,910	1,598,922	3,268
1952	201,517	15,487	18,037,368	290,948	1,445,139	3,232
1953	236,248	18,233	21,156,092	289,425	1,448,105	3,253
1954	240,520	17,926	22,425,791	303,682	1,307,367	3,260
1955	257,233	19,360	24,864,332	332,012	1,306,976	3,042
1956	260,900	19,723	27,343,996	366,114	1,042,444	2,624
1957	283,706	20,442	20,394,572	407,237	932,412 ^f	2,317
1958	319,595	22,518	32,777,573	439,367	1,109,709	2,744
1959	313,472	23,014	34,273,048	493,911	1,037,648	2,541
1960	328,688	22,662	34,698,794	509,689	x	x
1961	335,129	23,183	36,900,365	540,979	x	x
1962	354,038	24,287	39,160,318	574,649	x	x
1963	393,004	26,068	40,101,563	588,604	x	x
1964	476,949	31,272	40,784,107	602,841	-	-
1965	500,723	31,541	43,621,061	657,698	-	-
	Tobacco, smoking		Snuff			
	Quantity	Value ¹	Quantity	Value ¹		
	pounds	\$'000	pounds	\$'000		
1929	15,930,657 ^f	18,521 ^f	997,078		1,281	
1933	19,920,925	20,834	756,079		1,014	
1937	22,439,360	22,608	828,473		1,130	
1939	24,709,819	24,498	836,955		1,149	
1941	26,019,604	29,251	895,802		1,313	
1944	24,263,076	36,098	980,780		1,948	
1945	26,234,568	39,123	978,389		1,961	
1947	25,404,039	42,968	977,700		2,074	
1948	26,337,329	46,607	992,359		2,109	
1949	26,202,733	47,313	958,164		2,058	
1950	26,794,763	50,864	947,592		2,039	
1951	28,095,415	65,327	873,652		2,218	
1952	31,635,023	77,789	869,863		2,299	
1953	26,658,760	65,716	834,251		2,162	
1954	25,124,638	62,604	852,954		2,211	
1955	24,149,936	59,999	838,292		2,194	
1956	21,588,083	53,655	825,446		2,136	
1957	20,854,727 ^f	52,083 ^f	798,003		2,065	
1958	21,608,808	55,771	x		x	
1959	22,134,074	58,733	x		x	
1960	22,089,389	59,308	x		x	
1961	22,430,781	62,784	x		x	
1962	x	x	x		x	
1963	x	x	x		x	
1964	x	x	x		x	
1965	x	x	x		x	

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

List of Establishments classified to this Industry, 1965

(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

Name	Location
Quebec:	
Allied Cigar Corporation	2355 Jeanne d'Arc Ave., Montreal
Benson & Hedges (Canada) Ltd.	161 Lagauchetière St. W., Montreal
Canadian Tobacofina Ltd.	5555 Royalmount Ave., Town of Mount Royal
Capuano & Pasquale Company Ltd.	1002 Rosemont Blvd., Montreal
Forest, J.O. et Cie, Enr.	St-Roch-de-l'Achigan
General Cigar Co. Limited	2275 Holt St., Montreal
Houde, B. & Grothé Limited	1035 Vincent Massey Street, Quebec
Imperial Tobacco Co. of Canada Ltd.	3710 St. Antoine St., Montreal
Imperial Tobacco Co. of Canada Ltd.	160 Cowie Street, Granby
MacDonald Tobacco Inc.	2455 Ontario St. E., Montreal
National Tobacco Company, Limited	3810 St. Antoine St., Montreal
Rothmans of Pall Mall Canada Ltd.	180 Crown St., Quebec
Simon Cigar Co. Ltd.	700 Hodge St., St. Laurent
Ontario:	
Benson & Hedges (Canada) Ltd.	174 Kennedy Rd., Brampton
Imperial Tobacco Co. (Ontario) Ltd.	107 Woodlawn Ave., Guelph
Lopez, J.A.	392 King St. E., Toronto
Miller, K.A. & Son Cigar Co.	443 King St. W., Toronto
Ontario Tobacco Company Limited and King Edward Cigar Co. of Canada	76 Stafford Street, Toronto
Rothmans of Pall Mall Canada Ltd.	75 Dufflaw Rd., Toronto
Tuckett Tobacco Company Ltd., The	145 Queen St. N., Hamilton

SECTION 2. LEAF TOBACCO PROCESSORS
TABLE 1. Principal Statistics, 1961 - 65

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	16	1,384	2,819	3,745	324	84,122	105,027	19,405	-	-	1,651	5,350	19,515
1962													
Totals	17	1,795	3,475	4,731	462	84,064	104,448	13,099	-	-	2,036	6,346	13,074
1963													
Totals	17	1,919	3,869	5,246	505	91,921	110,648	17,638	-	-	2,164	6,800	17,959
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	7	191	419	664	71	4,410	6,292	2,113	-	-	230	825	2,124
Ontario	11	1,440	2,873	3,965	381	82,306	91,585	12,816	-	-	1,681	5,548	13,659
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	18	1,631	3,292	4,629	452	86,716	97,877	14,929	-	-	1,911	6,374	15,774
1965													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	7	234	477	725	80	4,933	7,645	2,491	-	-	273	917	2,500
Ontario	11	1,158	2,364	3,521	372	77,272	91,872	13,304	-	-	1,365	5,052	13,852
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	18	1,392	2,841	4,246	452	82,204	99,517	15,795	-	-	1,638	5,968	16,352

TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000							'000			'000
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	5	70	134	163	20	921	862	267	-	-	90	242	289
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	3	93	229	247	18	1,590	1,846	466	-	-	101	288	518
1,000,000 " 4,999,999	4	442	1,888	1,265	119	7,377	11,762	3,894	-	-	504	1,701	4,092
5,000,000 and over	6	1,026	2,041	2,953	294	76,829	83,407	10,303	-	-	1,216	4,142	10,875
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,631	3,292	4,629	452	86,716	97,877	14,929	-	-	1,911	6,374	15,774
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	7	92	194	202	25	1,353	1,745	406	-	-	114	300	446
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 " 4,999,999	5	443	893	1,347	141	7,714	11,906	3,903	-	-	516	1,822	4,062
5,000,000 and over	6	857	1,754	2,697	285	73,137	85,865	11,486	-	-	1,008	3,846	11,844
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,392	2,841	4,246	452	82,204	99,517	15,795	-	-	1,638	5,968	16,352

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000							'000			'000
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	4	43	82	102	15	652	567	136	-	-	62	170	157
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	4	395	839	1,005	63	10,716	15,796	2,461	-	-	445	1,409	2,510
1,000,000 " 4,999,999	7	1,137	2,255	3,379	355	73,753	79,877	11,999	-	-	1,342	4,629	12,774
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,631	3,292	4,629	452	86,716	97,877	14,929	-	-	1,911	6,374	15,774
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	5	29	58	79	15	905	1,083	184	-	-	45	148	213
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	5	279	602	778	64	5,330	6,928	1,249	-	-	307	945	1,417
1,000,000 " 4,999,999	8	1,084	2,181	3,389	373	75,969	91,507	14,362	-	-	1,286	4,875	14,722
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,392	2,841	4,246	452	82,204	99,517	15,795	-	-	1,638	5,968	16,352

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	3	27	52	70	12	417	285	92	-	-	39	124	101
25,000 " 49,999									-	-			
50,000 " 99,999									-	-			
100,000 " 199,999	4	72	146	175	21	1,830	1,919	377	-	-	85	212	389
200,000 " 499,999									-	-			
500,000 " 999,999	4	395	839	1,005	63	10,716	15,796	2,461	-	-	445	1,409	2,510
1,000,000 " 4,999,999									-	-			
5,000,000 and over	7	1,137	2,255	3,379	355	73,753	79,877	11,999	-	-	1,342	4,629	12,774
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,631	3,292	4,629	452	86,716	97,877	14,929	-	-	1,911	6,374	15,774
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	3	17	36	45	10	604	665	99	-	-	27	71	99
25,000 " 49,999									-	-			
50,000 " 99,999									-	-			
100,000 " 199,999	4	75	159	157	16	750	1,081	306	-	-	87	229	347
200,000 " 499,999									-	-			
500,000 " 999,999	3	216	466	654	54	4,882	6,265	1,027	-	-	238	794	1,184
1,000,000 " 4,999,999									-	-			
5,000,000 and over	8	1,084	2,181	3,389	373	75,969	91,507	14,362	-	-	1,286	4,875	14,722
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,392	2,841	4,246	452	82,204	99,517	15,795	-	-	1,638	5,968	16,352

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1964 and 1965

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	-
5- 14 employed	10	277	632	899	82	5,446	7,396	2,499	-	-	325	1,135	2,572
15- 49 "									-	-			
50- 99 "									-	-			
100-199 "	5	748	1,473	2,135	226	48,914	58,970	7,420	-	-	881	3,100	7,682
200-499 "	3	606	1,187	1,595	143	32,357	31,512	5,010	-	-	705	2,139	5,520
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,631	3,292	4,629	452	86,716	97,877	14,929	-	-	1,911	6,374	15,774
1965													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	-
5- 14 employed	7	92	194	202	25	1,745	406	1,353	-	-	114	300	445
15- 49 "									-	-			
50- 99 "									-	-			
100-199 "	3	159	316	574	61	1,353	1,745	406	-	-	184	721	2,215
200-499 "									-	-			
500 employed and over	8	1,141	2,331	3,469	365	76,581	91,057	13,174	-	-	1,340	4,942	13,690
Head offices, sales offices and auxiliary units	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,392	2,841	4,246	452	82,204	99,517	15,795	-	-	1,638	5,968	16,352

TABLE 6. Principal Statistics classified by Type of Organization, 1964 and 1965

Type of organization	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies	18	1,631	3,292	4,629	452	86,716	97,877	14,929	...	...	1,911	6,374	15,774
Co-operatives													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,631	3,292	4,629	452	86,716	97,877	14,929	-	-	1,911	6,374	15,774
1965													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Incorporated companies	18	1,392	2,841	4,246	452	82,204	99,517	15,795	...	...	1,638	5,968	16,352
Co-operatives													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	1,392	2,841	4,246	452	82,204	99,517	15,795	-	-	1,638	5,968	16,352

TABLE 7. Calculation of Output, Input and Value Added, 1964 and 1965

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1964	1965	1964	1965	1964	1965
	\$'000					
Output						
1. Shipments and other revenue	97,877	99,517	1,550	3,949	99,427	103,466
Inventories—Goods of own manufacture:						
Add closing—Goods in process	2,508	3,487	...	...	2,506	3,487
Finished goods	87,518	85,463	...	...	87,518	85,463
Deduct opening—Goods in process	779	2,506	...	...	779	2,506
Finished goods	85,025	87,511	...	...	85,025	87,511
2. Net inventory change	4,220	(1,067)	...	...	4,220	(1,067)
3. Gross output (1 + 2)	102,097	98,450	1,550	3,949	103,647	102,399
Input						
4. Purchases of goods not of own manufacture .....	...	...	543	3,320	543	3,320
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	71	77	71	77
Deduct closing .....	...	...	77	93	77	93
5. Cost of goods sold (not of own manufacture) .....	...	...	537	3,304	537	3,304
6. Materials, supplies, etc.	86,716	82,204	188	88	86,884	82,292
7. Fuel and electricity	452	452	...	...	452	452
8. Gross input (5 + 6 + 7)	87,168	82,656	705	3,392	87,873	86,048
Value added (3 - 8)	14,929	15,795	845	557	15,774	16,352

TABLE 8. Employment and Payroll, 1964 and 1965

Year and Province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Admin- istra- tive and office	Sales and distrib- ution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	165	26	1	-	26	6	6	-	198	32	664	3	150	8	825
Ontario	914	526	25	13	171	32	-	-	1,110	571	3,965	67	1,516	-	5,548
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,079	552	26	13	197	38	6	-	1,308	603	4,629	70	1,667	8	6,374
1965															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	201	33	1	-	26	7	5	-	233	40	725	3	181	8	917
Ontario	737	421	-	5	174	28	-	-	911	454	3,521	14	1,517	-	5,052
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	938	454	1	5	200	35	5	-	1,144	494	4,246	18	1,697	8	5,968

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1964 and 1965

Month	1964		1965	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January	2,024	1,408	1,912	1,191
February	1,818	1,139	1,880	1,168
March	1,516	723	849	476
April	1,380	867	588	210
May	901	490	526	123
June	381	25	411	53
July	399	13	402	49
August	372	18	414	59
September	453	24	483	59
October	443	36	458	33
November	1,625	1,063	1,548	1,002
December	1,624	842	1,772	1,021
Averages	1,079	552	938	454
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments	1,079	552	938	454

TABLE 10. Inventories, 1965

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	2,786	144	949	3,879	1	3,881
Ontario	830	2,361	86,562	89,754	76	89,830
Manitoba	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	3,617	2,506	87,511	93,633	77	93,711
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—
Quebec	3,844	289	661	4,795	—	4,795
Ontario	444	3,198	84,801	88,444	93	88,536
Manitoba	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	4,288	3,487	85,463	93,238	93	93,331

TABLE 11. Purchased Fuel and Electricity Used, 1964 and 1965

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton 178	3	129	2
(b) Imported	" 4,174	59	3,215	45
Sub-bituminous coal (from Alberta mines only)	" -	-	-	-
Anthracite coal	" 453	8	162	3
Lignite coal	" -	-	-	-
Coke	" -	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 71,225	28	68,641	27
Fuel oil including kerosene or coal oil	" 1,753,721	149	1,624,462	144
Wood	cord 15	--	14	--
Gas:				
(a) Liquefied petroleum gases	Imp. gal. 30,056	7	34,434	8
(b) Other manufactured gas	M cu. ft. -	-	-	-
(c) Natural gas	" 8,604	7	8,892	7
Other fuel -	-	...	-
Electricity purchased	kwh. 14,237,692	191	17,441,411	216
Steam purchased -	-	...	-
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity -	-	...	-
3. All establishments:				
Total fuel and electricity used .....	... -	452	...	452

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964 and 1965

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
	lb. (green weight)	\$'000	lb. (green weight)	\$'000
1. Materials used:				
Bright, flue-cured	160,638,369	76,702	128,623,802	73,426
Burley	8,856,791	3,525	5,347,674	2,113
Dark, air-cured and fire-cured	1,256,645	410	1,340,354	469
Cigar leaf	8,591,352	3,553	9,006,967	4,250
Pipe varieties	149,484	30	264,730	68
All other tobacco	-	-	-	-
Tobacco for custom work:				
Bright, flue-cured	37,948,393	...	32,354,670	...
Burley	-	...	-	...
Pipe varieties	84,145	...	-	...
All other materials and components used .....	...	426	...	188
2. Containers and other packaging materials and supplies used .....	...	1,444	...	990
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	581	...	685
4. Amount paid out to others for work done on materials owned by establishments .....	...	45	...	17
Totals .....	...	86,716	...	82,204

TABLE 13. Shipments of Goods of Own Manufacture, 1964 and 1965

Description	1964		1965	
	Quantity	Value	Quantity	Value
	lb. (redried weight)	\$'000	lb. (redried weight)	\$'000
1. Products:				
Bright, flue-cured	129,800,256	85,564	127,243,521	87,027
Burley	17,295,584	10,137	5,131,145	2,761
Dark, air-cured and fire-cured			1,278,898	528
Cigar leaf			10,000,798	7,333
Pipe varieties				
All other tobacco				
Tobacco processed for others:				
Bright, flue-cured	28,724,394	...	29,006,749	...
Burley	-	...	-	...
Pipe varieties	75,730	...	-	...
All other products .....	...	281	...	-
2. Amount received in payment for work done on materials and products owned by others .....	...	1,998	...	1,984
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(104)	...	(117)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	97,877	...	99,517

List of Establishments classified to this Industry, 1965

(Does not include establishments classified to other industries, which as secondary activity, manufacture products typical of this industry)

Name	Location
Quebec:	
-Benson & Hedges (Canada) limited	605 Main St., Farnham
-Imperial Tobacco Co. of Canada Limited	289 Dugas St., Joliette
-Jones, F.H., Tobacco Sales Co. Ltd.	295 Hélène Boulé St., Joliette
-Prévost, O. Limitée	St-Charles-de-Bellechasse
-Simon Cigar Co. of Quebec Ltd.	Ste-Thérèse-de-Blainville
-Société Co-Opérative Agricole de la Vallée d'Yamaska, La	St-Césaire
-Société Co-Opérative Agricole de Tabac du District de Joliette, La	St-Jacques-de-Montcalm
Ontario:	
-British Leaf Tobacco Co. of Canada Limited	235 Patterson Ave., Chatham
-Canadian Leaf Tobacco Co. Limited	Dover & St. Clair Sts., Chatham
-Canadian Leaf Tobacco Co. Limited	Middleton Township
-Canadian Leaf Tobacco Co. Limited	Tillsonburg
-Consolidated Leaf Tobacco Co. Limited	Kingsville
-Delta Leaf Tobacco Co. Ltd.	Kingsville
-Dibrell Brothers Inc.	Oak St., Leamington
-Hedge Tobacco Co. of Canada Limited	Kingsville
-Imperial Leaf Tobacco Co. of Canada Limited	Aylmer and Delhi
-Simcoe Leaf Tobacco Company Limited	2nd Ave., Simcoe

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 55 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

The reporting unit for the Census is designated as the **establishment** (see definition of "Establishment" in following section) and a return is requested from every establishment classified to a manufacturing industry. Although respondents are required to submit reports covering the calendar year, financial year reports other than the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. When an establishment is operated for only part of a year a report is required covering the period of operation.

There are four different questionnaires used in the Census of Manufactures; (a) short form (b) long form (c) head office questionnaire and (d) commodity questionnaire. The short and long forms are used to obtain principal statistics and commodities shipped from establishments classified to manufacturing industries and differ only in the amount of detail requested. The short form is a single-sheet questionnaire sent to small manufacturers generally reporting shipments of less than \$100,000; this cut-off, however, varies somewhat between industries. The head office questionnaire is generally used for company head offices and/or auxiliary units separately located from the manufacturing establishment(s), (see following notes on Head offices and auxiliary units). The Commodity questionnaire is used to survey certain establishments which are coded (on the basis of their principal activity) to industries other than manufacturing in the Standard Industrial Classification system, but which undertake some manufacturing as a subsidiary activity. This single-sheet questionnaire is designed to collect information on the quantity and value of goods of own manufacture shipped by such establishments in order to achieve full coverage of domestically manufactured commodities (see the following note under Shipments).

The results of the Census are presented in some 135 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covering the shipments of all manufactured commodities arranged in alphabetical order is also published.

Since 1960 the following major changes have been implemented in the Census of Manufactures; (a) a revised Standard Industrial Classification (b) a new establishment definition and (c) an extension of the establishment definition to cover the non-manufacturing activities of manufacturing establishments. The statistics presented in the reports reflect the complete implementation of these changes and enable comparisons to be made back to and including 1961. For a complete description of the procedures followed in establishing the revised series, reference should be made to the Explanatory Notes included in the 1960, 1961 and 1962 Industry publications. The statistical framework within which the Census of Manufactures is now carried out is based on the following concepts and definitions which have been developed as part of a general programme to achieve a fully integrated system of economic statistics.

Establishment

A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. The majority of such establishments are firms but many firms have more than one establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements embodied in the following definition of the "establishment":

"The smallest unit which is a separate operating entity capable of reporting the following principal statistics:

- Materials and supplies used
- Goods purchased for resale as such
- Fuel and power consumed
- Number of employees and salaries and wages
- Man-hours worked and paid
- Inventories
- Shipments or sales."

Each establishment is required to report on all the activities carried out within its accounting boundaries (except income from investments such as rent, interest and dividends) and data on the different activities (manufacturing, trading in goods not of own manufacture, construction by own labour

force, revenue from services, etc.) are requested to be reported separately. It should be noted that the statistics for separate activities are not completely consistent since some respondents cannot distinguish, in their records, materials, shipments and inventories relating solely to their own manufacturing activities. For example, inventory of goods purchased for re-sale may not be distinguishable from inventory of own manufactured goods. Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level and for studies or statistical measures requiring accurate coordinated data, the "total" statistics should be used.

The number of establishments represents the number of operating units that are principally engaged in the activities of the manufacturing industries to which they have been classified. These units do not necessarily represent the total number engaged in the production of a commodity mainly produced in a certain industry. Some commodities are produced as secondary products in other manufacturing and non-manufacturing industries. It should be noted that head offices and auxiliary units which are surveyed separately are not included in the establishment count, (see following notes on head offices and auxiliary units).

Head Offices and Auxiliary Units

All head offices and auxiliary units of companies classified to the manufacturing industries such as sales offices, administrative offices, warehouses, laboratories, etc. are now surveyed as part of the Census of Manufactures.

These head offices and auxiliary units are either included in an establishment report or are surveyed by means of the head office questionnaire. The former is the most common case where a single establishment firm has its executive personnel, sales office, etc. located at the site of the manufacturing plant (establishment). The special head office questionnaire is generally used where a firm, regardless of the number of establishments, has separately located offices or auxiliary units. Such offices or units do not constitute establishments within the Census of Manufactures as they do not normally generate operational revenues, but give rise only to costs of operations (mainly salaries and wages) which are automatically included in the value of shipments or sales. Although not considered as establishments, and hence, not included in the "establishment" count for an industry, the operational costs are reflected in either the "Industry" statistics (3 or 4 digit level) or the "Major group" statistics (2 digit level) according to the following rules:

(a) In the case of single establishment firms, statistics for separately located offices and units are classified to the same industry (3 or 4 digit) as the establishment;

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the firm, when all establishments are in the same industry (3 or 4 digit). When establishments of

such firms are coded (1) to different industries within a major group, (2) to industries in different major groups or (3) to industries in different divisions of the Standard Industrial Classification, then the statistics are included in the major group totals (2 digit level) in which the major part of the company's operations are classified. Although this may result in some distortion of major group statistics in the case of (2) and (3) the statistics at the industry (3 or 4 digit) level in all cases will be left free of these company-wide data.

Employees

(a) Production and related workers - Manufacturing activities

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. For those establishments reporting on the "long" form, production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. In the case of those establishments reporting on the "short" form, respondents are requested to report average annual figures. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). Data on man-hours are not collected from establishments reporting on the short form. Man-hours for these establishments are estimated on the basis of ratios derived from the 1958 census. During this census all establishments reported on the long form. In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

(b) Production and related workers - Non-manufacturing activities

Such employees include those on manufacturing establishments' payrolls engaged in activities such as construction undertaken for the use of these establishments, some outside piece-workers employed in certain industries, logging employees who are reported as part of a sawmilling establishment and any other production workers who are not engaged in manufacturing-type operations.

(c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers, etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the line supervisor or working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical, etc. It should be noted that prior to 1961 this category also included working owners and partners. Also included in this category are employees located at head offices or auxiliary units separately located from the establishment; these are generally included in the figures for the province in which they are located according to the rules outlined under "Head offices and auxiliary units" above.

(d) Sales and distribution workers

This category includes office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truckdrivers and their helpers, etc. It may also include some sales employees who are reported as part of a manufacturing establishment but are not working at the establishment's location. These are generally broken down by province in cases where more than 15 employees are involved in any one province. The figures exclude persons working on a commission basis who are not considered regular employees of the establishment.

(e) Total Employees

This total comprises the foregoing categories including employees located at separately located head offices and auxiliary units. The numbers of employees included under categories (b), (c) and (d) are reported in the form of annual averages and represent as closely as possible full time employment; adjustments are made when reported figures indicate the existence of part time or seasonal employment. In all the above categories, figures on employment refer to the calendar year whether or not other establishment statistics can only be reported on a fiscal year other than the calendar year.

Working Owners or Partners

These are not now included in the statistics of employees and salaries and wages. There is some duplication in numbers when a person owns more than one establishment and is reported as a working owner on each Census return. Withdrawals of working owners are defined as amounts withdrawn by owners or partners for normal living expenses excluding withdrawals for payment of income tax.

Salaries and Wages

Salaries and wages refer to gross earnings of employees **before** deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages,

bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars, trucks, locomotives, etc.), not to purchases unless the quantities are substantially the same. **Any fuel and electricity produced by establishments for internal consumption are not included in the total cost.** Values represent laid down cost at the establishment including freight, duty, etc. Although fuel and electricity used is considered part of manufacturing activity it should be noted that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

Materials and Supplies

(a) Manufacturing activities

Figures represent quantities and laid down cost values, at the establishment, of materials, supplies and purchased components owned and used during the year in manufacturing activities and related processes. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts charged by other establishments for work done on materials owned by the reporting establishment. Cost of repairs or maintenance done by outside contractors and cost of returnable containers are not included.

(b) Non-manufacturing activities

1. Purchases for re-sale as such

Figures represent cost of materials or products purchased from others by the reporting establishment (or received as transfers from other establishments of the reporting company) for re-sale as such in the same condition as purchased. Included are any finished products received on consignment from other countries.

2. Other materials and supplies used

Figures represent the cost of materials and supplies, if any, used in new construction and in the production of machinery and equipment (for the use of the reporting establishment) by the establishment's own employees. Included are materials used for any capital repairs and alterations carried out by the establishment's employees. Amounts paid to outside contractors for construction and repair work are not included nor is the cost of

purchased machinery and equipment. Also included is the cost of office supplies not chargeable to fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

The figures represent revenue from all production, sales, services and related activities of reporting establishments with shipments valued in Canadian dollars at the point at which the establishment relinquishes control. The unsold portion at year end of consignment shipments in Canada is treated as inventory and not as shipments but all shipments to foreign countries for which the form B13 "Customs Canada Export Entry" has been completed, are treated as shipments.

In those industries where work on principal products extends over a relatively long period, (Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair Industry) the value of production rather than the value of shipments is recorded. There are certain establishments in other industries which also operate on a basis of progress payments. For these establishments, shipments are also adjusted to work put in place on the basis of the net change in progress payments over the year.

(b) Shipments of goods of own manufacture

These figures represent 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 establishments for work done. Included are revenue from repair and custom work, amounts received in payment for work done on materials owned by other establishments and the cost (book value) of any goods shipped on a rental basis.

All products and by-products of own manufacture shipped from the establishment are covered, including transfer shipments to sales outlets, distributing warehouses or to other manufacturing plants of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of returned goods, discounts, returns, allowances, sales tax and excise taxes and duties, returnable containers and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity

are collected by means of the Commodity questionnaire referred to earlier. Such shipments together with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

These figures represent the net selling value at establishment (net of discounts, returns, allowances, sales taxes and excise duties and taxes and transportation charges by common or contract carriers) of all products or materials (including products transferred from other establishments of the reporting firm) sold as such in the same condition as purchased or received as transfers. For those industries which ship such goods on a rental basis, the value of shipments represents the book value of these goods. All sales of consignment goods from other countries are included.

(d) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs, alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishment's own employees and for which depreciation accounts are maintained. Included also are any revenues from the sale of electricity and from any operations performed by the establishment's own employees, such as revenue from goods produced or purchased for rental (the book value of such goods are included as part of shipments of goods of own manufacture or shipments of goods not of own manufacture), servicing revenues, commissions on sales (when not included in value of sales), revenue for company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishment's own products, sale of used materials (excluding sale of used fixed assets) research and development work, etc. As mentioned previously the figures do not include non-operating revenue such as rent, dividends, interest, etc.

Inventories

(a) Manufacturing activities

Values represent the book values of manufacturing inventory owned in Canada. Inventories held for which progress payments have been received are not included. Where progress payment accounts are maintained, the change in these accounts is treated as a net adjustment to shipments. Figures consist of inventory owned at the plant and at warehouses or selling outlets which are treated as extensions of establishments for the purpose of reporting shipments. Inventory owned in transit in Canada or on consignment in Canada is included. Goods shipped abroad and held in inventory are included in shipments. Opening inventories may differ from the closing inventories of the previous year because of changes in classification, the

receipt of revised data, the inclusion of new establishments and the removal of establishments which did not operate during the survey year.

(b) Non-manufacturing activities

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by the reporting establishments and held at plants and at any warehouses or selling outlets which are treated as extensions of establishments. Other characteristics are the same as in (a) above.

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of manufacturing materials, supplies, etc. and fuel and electricity consumed from the (value of shipments of goods of own manufacture adjusted for changes in the value of inventories of finished goods and goods in process).

(b) By non-manufacturing activities

The figures are compiled by deducting the cost of goods purchased for re-sale (adjusted for changes in the value of inventories of goods pur-

chased for re-sale) and the cost of non-manufacturing materials and supplies used from the value of shipments of goods not of own manufacture, plus other revenue.

(c) By Total activities

The figures consist of value added by manufacturing activities plus value added by non-manufacturing activities. This total value added figure may, in some cases, be less than value added by manufacturing activities as a result of expenditures associated with non-manufacturing exceeding revenues from such activities or because of a decrease in inventory of goods not of own manufacture exceeding the mark-up on the sale of such goods. "Value added" is sometimes referred to as net output or net production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, "Survey of Production".

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