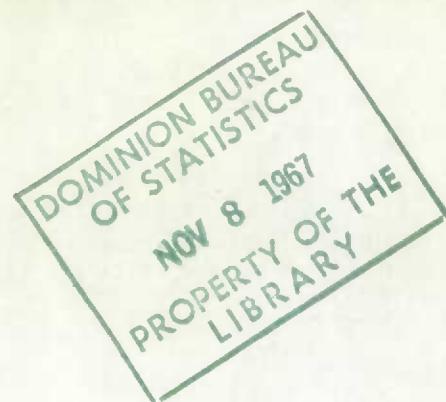


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COTTON YARN AND CLOTH MILLS

1965

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COTTON YARN AND CLOTH MILLS

1965

In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in spinning, twisting, winding or spooling cotton yarn and in weaving fabrics wholly or mainly of cotton such as duck, sheetings, prints, towellings, bedspread fabrics, table damask, drapery and upholstery fabrics".

As will be noted from most tables in this report, the manufacturing and total activities in this industry in 1965 was greater than in 1964. Particular attention is also drawn to Tables 14 and 15, which present all-industry data covering the shipments of broadwoven cotton fabrics, the major commodity produced by the industry. The total yarns spun by the industry are given in Table 16, whereas Table 17, presents information covering the same activity for the four major primary textile industrial groups on a combined basis.

A list of the establishments classified to the industry in the 1965 survey will be found at the end of this report.

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.
- p preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

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	39	14,407	30,513	42,346	4,441	136,227	236,215	95,731	4	11	17,388	55,543	96,418
1962													
Totals	37	14,835	31,010	45,918	4,599	155,681	260,252	104,163	—	—	17,972	59,893	104,660
1963													
Totals	37	14,573	31,093	47,067	4,438	162,209	280,942	112,958	—	—	17,640	61,490	113,224
1964													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	1	x	x	x	x	x	x	x	—	—	x	x	x
New Brunswick	1	x	x	x	x	x	x	x	—	—	x	x	x
Quebec	18	10,693	23,906	39,986	3,609	137,137	231,991	93,828	—	—	13,188	52,368	94,988
Ontario	14	x	x	x	x	x	x	x	—	—	x	x	x
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	34	15,082	33,090	53,284	4,632	174,589	298,785	120,867	—	—	18,134	68,449	122,214
1965													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	1	x	x	x	x	x	x	x	—	—	x	x	x
New Brunswick	1	x	x	x	x	x	x	x	—	—	x	x	x
Quebec	19	10,743	23,312	40,846	3,878	138,443	238,618	94,765	x	x	13,146	53,390	96,346
Ontario	14	x	x	x	x	x	x	x	—	—	x	x	x
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	35	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	18,114	70,329	124,317

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													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	14												
1,000,000 " 4,999,999													
5,000,000 and over	16	12,024	26,609	43,879	3,855	153,469	258,648	103,012			13,981	52,842	103,061
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	770	4,650	1,139
Totals	34	15,082	33,090	53,284	4,632	174,589	298,785	120,867			18,134	68,449	122,214
1965													
Under \$10,000	3												
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999									x	x	39	112	82
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	14												
1,000,000 " 4,999,999													
5,000,000 and over	18	12,438	26,949	46,324	4,224	156,442	269,276	106,797			14,339	55,529	106,702
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	791	4,972	1,554
Totals	35	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	18,114	70,329	124,317

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	3												
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	5												
1,000,000 " 4,999,999													
5,000,000 and over	18	7,870	16,971	26,999	2,312	74,293	127,317	49,679			8,878	31,790	49,892
Head offices, sales offices and auxiliary units	5	6,306	14,312	23,743	2,091	92,809	159,110	66,546			7,481	28,992	66,454
Totals	34	15,082	33,090	53,284	4,632	174,589	298,785	120,867			18,134	68,449	122,214
1965													
Under \$10,000	5												
\$ 10,000 to \$ 24,999													
25,000 " 49,999									x	x	125	473	758
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999													
500,000 " 999,999	5												
1,000,000 " 4,999,999													
5,000,000 and over	20	8,333	17,758	29,536	2,676	79,583	134,954	53,080			9,355	34,720	53,219
Head offices, sales offices and auxiliary units	5	6,097	13,407	23,123	2,076	89,857	159,068	65,158			7,184	28,040	65,050
Totals	35	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	18,114	70,329	124,317

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	24	56	68	6	95	201	100	-	-	32	86	110
25,000 " 49,999		-	-	-	-	-	-	-	-	-	-	-	-
50,000 " 99,999		-	-	-	-	-	-	-	-	-	-	-	-
100,000 " 199,999		3	81	181	228	34	2,322	3,237	912	-	101	369	933
200,000 " 499,999	5	801	1,570	2,246	189	5,070	8,920	3,630	-	-	872	2,561	3,686
500,000 " 999,999	18	7,870	16,971	26,999	2,312	74,293	127,317	49,679	-	-	8,878	31,790	49,892
1,000,000 " 4,999,999	5	6,306	14,312	23,743	2,091	92,809	159,110	66,546	-	-	7,481	28,992	66,454
5,000,000 and over .....	...	...	...	...	...	...	...	...	...	...	770	4,650	1,139
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	34	15,082	33,090	53,284	4,632	174,589	298,785	120,867	-	-	18,134	68,449	122,214
1965													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 10,000 to \$ 24,999	3	31	59	87	10	135	203	82	x	x	39	112	82
25,000 " 49,999		-	-	-	-	-	-	-	-	-	-	-	-
50,000 " 99,999		-	-	-	-	-	-	-	-	-	-	-	-
100,000 " 199,999		-	-	-	-	-	-	-	-	-	-	-	-
200,000 " 499,999	7	666	1,400	2,037	166	7,189	11,435	4,316	-	-	745	2,486	4,410
500,000 " 999,999	20	8,333	17,758	29,538	2,676	79,583	134,954	53,080	-	-	9,355	34,720	53,219
1,000,000 " 4,999,999	5	6,097	13,407	23,123	2,078	89,857	159,068	65,158	-	-	7,184	28,040	85,052
5,000,000 and over .....	...	...	...	...	...	...	...	...	...	...	791	4,972	1,554
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	35	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	18,114	70,329	124,317

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	3	7	14	15	2	763	1,026	224	-	-	12	30	257
5- 14 employed		-	-	-	-	-	-	-	-	-	-	-	-
15- 49 "		3	98	223	280	38	1,654	2,412	788	-	121	425	785
50- 99 "		5	659	1,316	1,848	152	5,117	9,324	3,992	-	708	2,085	4,048
100-199 "	8	2,302	4,883	7,216	640	23,614	38,388	13,873	-	-	2,542	8,405	13,874
200-499 "	15	12,016	26,654	43,924	3,800	143,440	247,636	101,991	-	-	13,981	52,853	102,110
500 employed and over .....	...	...	...	...	...	...	...	...	...	...	770	4,650	1,139
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	34	15,082	33,090	53,284	4,632	174,589	298,785	120,867	-	-	18,134	68,449	122,214
1965													
Under 5 employed	-	-	-	-	-	-	-	-	-	-	-	-	-
5- 14 employed	6	167	366	516	63	3,260	4,404	1,248	x	x	204	730	1,320
15- 49 "		-	-	-	-	-	-	-	-	-	-	-	-
50- 99 "		5	669	1,390	2,035	160	5,288	9,599	4,231	-	719	2,294	4,251
100-199 "		10	3,074	6,704	10,526	1,076	30,610	52,702	21,850	-	3,400	12,181	21,902
200-499 "	14	11,217	24,165	41,705	3,629	137,606	238,954	95,306	-	-	13,000	50,152	95,291
500 employed and over .....	...	...	...	...	...	...	...	...	...	...	791	4,972	1,554
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	35	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	18,114	70,329	124,317

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	34	15,082 ^r	33,090	53,284	4,632	174,589	298,785	120,867	—	—	17,364	63,799	121,075
Partnerships													
Incorporated companies													
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	770	4,650	1,139
Totals	34	15,082	33,090	53,284	4,632	174,589	298,785	120,867	—	—	18,134	68,449	122,214
1965													
Individual ownerships	35	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	17,323	65,357	122,763
Partnerships													
Incorporated companies													
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	791	4,972	1,554
Totals	34	15,127	32,624	54,782	4,928	176,764	305,660	122,635	x	x	18,114	70,329	124,317

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	298,785	305,660	11,402	12,919	310,187	318,579
Inventories—Goods of own manufacture:						
Add closing—Goods in process	13,553	15,525	...	...	13,553	15,525
Finished goods	31,698	28,367	...	...	31,698	28,367
Deduct opening—Goods in process	13,613	13,552	...	...	13,613	13,552
Finished goods	30,335	31,672	...	...	30,335	31,672
2. Net inventory change	1,303	(1,332)	...	...	1,303	(1,332)
3. Gross output (1 + 2)	300,088	304,328	11,402	12,919	311,490	317,247
Input						
4. Purchases of goods not of own manufacture .....	...	...	10,171	10,900	10,171	10,900
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	1,549	2,272	1,549	2,272
Deduct closing .....	...	...	2,246	2,611	2,246	2,611
5. Cost of goods sold (not of own manufacture) .....	...	...	9,474	10,561	9,474	10,561
6. Materials, supplies, etc.	174,589	176,764	582	676	175,171	177,440
7. Fuel and electricity	4,632	4,928	...	...	4,632	4,928
8. Gross input (5 + 6 + 7)	179,221	181,692	10,056	11,237	189,277	192,929
Value added (3 - 8)	120,867	122,635	1,346	1,682	122,214	124,317

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								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						Manufacturing	Other
	number										\$'000				
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	8,051	2,642	211	20	1,489	611	103	41	9,854	3,314	39,986	706	11,071	606	52,368
Ontario	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	10,437	4,645	221	26	1,788	773	166	78	12,612	5,522	53,284	760	13,147	1,258	68,449
1965															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	-	-	x	x	x	-	x	-	x
New Brunswick	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	8,129	2,614	132	17	1,497	612	103	42	9,861	3,285	40,846	502	11,388	655	53,390
Ontario	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	10,401	4,726	146	18	1,801	786	160	76	12,508	5,606	54,782	551	13,732	1,264	70,329

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	10,296	4,558	10,567	4,658
February	10,403	4,583	10,533	4,633
March	10,398	4,579	10,394	4,669
April	10,333	4,571	10,462	4,658
May	10,377	4,647	10,366	4,657
June	10,440	4,632	10,421	4,616
July	10,457	4,498	10,287	4,607
August	10,521	4,732	10,374	4,704
September	10,476	4,788	10,307	4,822
October	10,492	4,707	10,310	4,818
November	10,554	4,713	10,391	4,916
December	10,476	4,745	10,401	4,935
Averages	10,437	4,645	10,401	4,726
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments	10,437	4,645	10,401	4,726

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	x	x	x	x	x	x
New Brunswick	x	x	x	x	x	x
Quebec	12,264	10,850	26,154	49,268	2,220	51,487
Ontario	x	x	x	x	x	x
Manitoba	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	16,986	13,552	31,672	62,211	2,272	64,483
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	x	x	x	x	x	x
New Brunswick	x	x	x	x	x	x
Quebec	17,832	12,568	22,903	53,303	2,469	55,772
Ontario	x	x	x	x	x	x
Manitoba	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	22,686	15,525	28,367	66,578	2,611	69,189

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	11,849	6,804	80
(b) Imported	"	14,275	13,124	146
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	—	—	—
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	imp. gal.	21,019	19,269	8
Fuel oil including kerosene or coal oil	"	20,994,737	22,048,039	1,595
Wood	cord	5	17	--
Gas:				
(a) Liquefied petroleum gases	imp. gal.	386,563	381,620	55
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	17,225	19,509	19
Other fuel .....	...	—	...	—
Electricity purchased	kwh.	399,773,534	440,265,429	2,980
Steam purchased .....	...	34	...	44
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	6	...	2
3. All establishments:				
Total fuel and electricity used .....	...	4,632	...	4,928

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

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
t. Materials used:				
Fibres:				
Cotton raw	lb. 203,278,501	58,000	204,939,534	59,254
Cotton waste	" 11,512,054	2,276	10,773,978	1,920
Wool, raw, wool-tops, waste, etc.	" 1,000,014	1,567	1,307,991	1,777
Rayon staple fibre	" 2,015,812	537	2,772,638	789
All other fibres	" 3,188,936	1,284	3,515,697	1,632
Yarns, Canadian, not made by plant reporting:				
All cotton:				
Grey	" 23,519,661	13,327	23,324,803	13,554
Bleached	" —	—	—	—
Mercerised	lb. 56,962	65	47,683	53
Coloured	" 108,410	91	85,097	73
Wool blends	" 28,440	50	66,820	104
Man-made filament yarns	" 32,675,514	26,995	33,650,338	28,068
Man-made fibre spun yarns	" 324,750	158	39,953	39
Other yarns	" 192,290	295	15,107	19
Yarns, imported:				
All cotton:				
Grey	"	3,227,948	2,729,930	1,991
Other	"			
Man-made filament yarns	"			
Man-made fibre spun yarns	"	2,639		
Fabrics, Canadian, not made by plant reporting:				
All cotton, grey	" 59,292,724	35,415	63,969,098	38,190
sq. yd. 196,930,943				
Other .....	...	1,894	...	1,736
Fabrics imported:				
All cotton, grey	lb. 12,354,863	8,565	6,830,786	5,480
sq. yd. 40,777,321				
Other .....	...	312	...	61
Thread:				
Cotton	lb. 9,315	30	11,368	33
Other	" 6,980	9	65,650	170
Starch and sizing materials	" 14,089,273	1,788	14,931,981	1,865
Chemicals, dye stuffs and oils .....	...	7,574	...	7,427
Spools, tubes and cones of paper .....	...	629	...	1,044
All other materials and components used ¹ .....	...	446	...	532
2. Containers and other packaging materials and supplies used .....	...	2,384	...	2,298
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	6,651	...	7,176
4. Amount paid out to others for work done on materials owned by establishments .....	...	1,608	...	1,479
Totals .....	...	174,589	...	176,764

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$69,621 in 1964 and \$78,679 in 1965.

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

Description	1964		1965	
	Quantity	Value \$'000	Quantity	Value \$'000
1. Products:				
Broadwoven fabrics:				
All cotton ¹	lb. 182,651,840	156,904	597,692,786	163,724
sq. yd. 568,885,429				
All other fabrics	" 5,083,775	4,971		
Totals	" 573,969,204	161,875	597,692,786	163,724
Woven goods:				
Tire fabrics:				
Rayon	lb. 13,100,060	9,267	12,484,353	8,060
Nylon	" 19,363,407	21,838	20,638,919	22,861
Other .....	...	2	...	2
Quilts, bedspreads, etc., all cotton	doz. 29,435	1,432	30,233	1,527
Pillowslips and sheets .....	...	2	...	2
Towels:				
Terry	doz. 1,875,982	9,209	1,748,981	9,359
Plain .....	...	2	...	2
Huck .....	...	2	...	2
Terry bath mats	doz. 9,877	131	9,888	145
Terry face cloths	" 1,728,831	1,970	1,545,328	1,879
Other terry woven goods .....	...	2	...	2
Blankets (including crib) .....	...	2	...	2
Towelling ² .....	...	2	...	2
Other woven goods .....	...	28,645	...	30,834
Total woven goods .....	...	72,492	...	74,665
Yarns spun for sale:				
All cotton, natural or grey	lb. 59,047,004	39,882	61,796,712	41,692
All cotton, bleached, mercerized or coloured	" 6,322,729	6,760	6,485,033	6,907
Blends of cotton with other fibres	4	4	4	4
All other yarns	" 7,437,067	8,562	8,302,041	10,654
Wrapping twine	" 966,706	673	814,937	566
Other twines, lines, rope and cordage .....	...	2	...	2
Cotton waste sold	lb. 29,203,108	2,482	27,129,638	2,318
All other products .....	...	5,542	...	5,396
2. Amount received in payment for work done on materials and products owned by others	...	625	...	749
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	...	(106)	...	(1,011)
Total adjusted value of shipments and work done .....	...	298,785	...	305,660

¹ In 1965 a total of 212,586,692 square yards of grey cotton went to other mills for further processing.

² Included in "Other woven goods".

³ See footnote 3, Table 15.

⁴ Included in "All other yarns".

⁵ Included in "All other products".

TABLE 14. Shipments of Selected Goods of Own manufacture— All Industries, 1964 and 1965
(includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	1964		1965	
	Quantity	Value	Quantity	Value
	M sq. yd.	\$'000	M sq. yd.	\$'000
Shipments of broadwoven cotton fabrics:				
Grey	322,276	68,184	347,940	71,534
Piece dyed	91,996	38,780	244,820	87,173
Bleached	46,303	13,844		
Printed and painted	108,643	36,198		
Yarn and stock dyed				
Gross shipments ¹	569,217	157,007	592,759	158,707

¹ In 1964, 196,931 M. square yards of grey fabric and in 1965, 219,655 M. square yards of grey fabric went to other mills for further processing.

TABLE 15. Breakdown, by Construction, of Broadwoven Cotton Fabric Shipments, by All Industries, 1965

Item	M square yards
Breakdown by construction of broadwoven cotton fabric: ¹	
Corduroy	2
Bedsheeting	2
Pillow cotton	
Towelling ²	2
Fine yarn fabrics (chiefly combed)	2
Broadcloth, carded	2
Print cloth types	2
Quince ducks	2
All other ducks and allied fabrics	12,079
Coarse goods and industrial sheetings	43,230
Drills and twills	317,795
Denim	
Flannels and flannelettes (napped)	
Cottonade, pants covers	
Yarn dyed ticking	
Other yarn dyed	
Drapery and slipcover fabrics	
Upholstery fabrics	
Tobacco and cheese cloth	373,104
Other carded yarn fabrics	
Net shipment ⁴	373,104

¹ Includes grey, bleached, printed and painted, piece dyed and stock dyed fabrics less duplicating figures of 219,655 M. square yards. See Table 14.

² Included in all other total 317,795 M. square yards.

³ In addition to the towelling reported under "Broadwoven fabrics", shipments of other towelling were reported under "Other woven goods". Total shipments of towelling were 9,265,000 yards.

⁴ Of this total 18,813 M. square yards were produced from imported cotton fabrics.

TABLE 16. Total Yarns Spun, 1965

Description	M pounds		
	Under 20's	20's to 39's	40's and finer
Total yarns spun:			
All cotton	111,764	78,536	
All other	4,645	2,239	
Totals	116,409	73,089	7,685

Note: Includes yarn spun for sale as given in Table 13 and yarn spun for use in the establishment reporting, or as custom work.

TABLE 17. Total Yarns Spun, in All Industries,¹ 1965

Description	Quantity
	'000 lb.
Total yarns spun:	
Wholly of cotton.....	196,338
Cotton blends.....	
Wholly of wool.....	13,342
Wool mixtures.....	29,058
Wholly of one man-made fibre.....	34,719
Man-made fibre blends.....	
All other yarns (including mohair mixtures, alpaca, etc.).....	8,344
Total.....	281,801

¹ Includes total yarn spun by the Cotton Yarn and Cloth Mills, the Wool Mills, the Synthetic Textile Mills, and the Hosiery and Knitting Mills industries.

TABLE 18. Machinery, Equipment and Spinning Hours, 1965

	Number	
Cards in place.....	3,262	
Combers.....	101	
Spindles in place:		
Spinning (frame).....	820,314	
Twisting and doubling.....	106,634	
Braiders.....	20	
	Automatic	Non-automatic
	number	
Looms in place:		
From 28 to 32 inches wide.....	157	—
" 33 " 36 " ".....	14	—
" 37 " 41 " ".....	3,499	1
" 42 " 46 " ".....	3,102	—
" 47 " 68 " ".....	4,105	1
" 69 " 90 " ".....	1,488	40
More than 90 " ".....	358	10
Total looms in place.....	12,723	52
Narrow fabric looms.....	231	4
Jacquard machines in place on above looms.....	257	—
Dobbies in place on above looms.....	760	—
	Number	
Possible spinning spindle hours for the year, estimated on a normal single shift basis:		
Frame.....	1,642,447,705	
Actual spinning hours during the year:		
Frame.....	4,409,252,854	

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
Nova Scotia:	
Cosmos Imperial Mills Limited.....	Water Street, Yarmouth
New Brunswick:	
Hamilton Cotton Co. Ltd., The.....	Marysville
Quebec:	
Au Terroir Enr.....	2495 St. Joseph Street, St-Hyacinthe
Dominion Textile Co. Ltd. (Cotton Mills).....	250 Main St. E., Magog
Dominion Textile Co. Ltd. (Print Works).....	250 Main St. E., Magog
Dominion Textile Co. Ltd.	Montmorency Village
Dominion Textile Co. Ltd. (Merchants Branch).....	3970 St. Ambroise Street, Montreal
Dominion Textile Co. Ltd. (Mount Royal Branch).....	5524 St. Patrick Street, Montreal
Dominion Textile Co. Ltd. (St. Anns Branch).....	2618 Notre-Dame Street E., Montreal
Dominion Textile Co. Ltd. (Sherbrooke Branch).....	1098 Pacific St., Sherbrooke
Dominion Textile Co. Ltd.	575 des Ecoles St. Drummondville
Esmond Mills Ltd., The.....	225 St. Charles Street S., Grandby
Fireside Fabrics (Canada) Ltd.....	St-Jean
Goodyear Tire & Rubber Co. of Canada Ltd., The.....	1005 Delorme St., St-Hyacinthe
Halifax Corduroy Ltd.	1380 Choquette St., St-Hyacinthe
Montreal Cottons Limited, The.....	Dufferin Road, Valleyfield
Richelieu Fabrics Ltd.	St-Jean
Rubycro Mills Ltd.....	3340 Notre-Dame Street E., Montreal
Wabasso Cotton Co. Ltd.....	6th Ave., Grand'Mère
Wabasso Cotton Company Ltd.	Station Ave., Shawinigan
Wabasso Cotton Company Ltd. (Macdonald Mills).....	768 St. Maurice St., Trois-Rivières
Ontario:	
Burrow's Textile Co. Ltd.....	47 Neeve St., Guelph
Caldwell Linen Mills Limited.....	Iroquois
Dobbie Industries Ltd. (Towel, Sped & Upholstery Div.).....	160 Water St. N., Galt
Dominion Fabrics Ltd.....	Forest St., Dunnville
Dominion Fabrics Limited.....	142 Empire St., Welland
Flrestone Textiles Ltd.....	273 Ingersoll Ave., Woodstock
Glendale Spinning Mills Ltd.....	200 Glendale Ave., Hamilton
Hamilton Cotton Co. Ltd., The.....	Main St., Dundas
Hamilton Cotton Co. Ltd., The.....	304 Mary Street N., Hamilton
Hamilton Cotton Co. Ltd., The.....	282 Monarch Ave., Ajax
Lady Galt Towels Ltd.....	Burford
Wabasso Co. Ltd. (Empire Cotton Division).....	Hagar St., Welland
Waterloo Textiles Ltd.....	215 Queen St. W., Hespeler
Yates, P.B. Machine Co. Ltd. (Trent Cotton Div.).....	Trenton

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 revenues.

(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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