

CATALOGUE No.

34-209

ANNUAL

CA 1 B 34  
C 209  
1964



# WOOL MILLS

1964

## ANNUAL CENSUS OF MANUFACTURES

*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Industry Division

November 1966  
6506-807

Price, 50 cents

## PUBLICATIONS

In addition to the report, on this industry, the DBS publishes annual statistics on a number of related industries and current statistics on the more important commodities. Copies of reports provided in the following list are available from the Information and Public Relations Division of the DBS, Ottawa or from the Queen's Printer, Hull, P.Q.

Catalogue number	Title	Periodicity	Price	
			Per copy	Per year
31-201	General Review of the Manufacturing Industries of Canada .....	A	\$2.00	
31-211	Products Shipped by Canadian Manufacturers .....	A	.75	
31-001	Inventories, Shipments and Orders in Manufacturing Industries .....	M	.30	\$3.00
65-004	Exports by Commodities .....	M	.75	7.50
65-007	Imports by Commodities .....	M	.75	7.50
34-202	Canvas Products Industry .....	A	.50	
34-203	Cordage and Twine Industry .....	A	.50	
34-204	Cotton and Jute Bag Industry .....	A	.50	
34-205	Cotton Yarn and Cloth Mills .....	A	.50	
34-206	Textile Dyeing and Finishing Plants .....	A	.50	
34-207	Narrow Fabric Mills .....	A	.50	
34-208	Synthetic Textile Mills .....	A	.50	
34-209	Wool Mills .....	A	.50	
34-210	Miscellaneous Textile Industries .....	A	.75	
34-212	Foundation Garment Industry .....	A	.50	
34-213	Fur Goods Industry .....	A	.50	
34-214	Hat and Cap Industry .....	A	.50	
34-215	Hosiery and Knitting Mills .....	A	.50	
34-216	Men's Clothing Industry .....	A	.50	
34-217	Women's and Children's Clothing Industries .....	A	.50	
34-218	Miscellaneous Clothing Industries .....	A	.50	
34-219	Fibre Preparing Mills .....	A	.50	
34-220	Thread Mills .....	A	.50	
34-221	Carpet, Mat and Rug Industry .....	A	.50	
34-001	Garment Shipments .....	Q	.25	1.00
34-002	Foundation Garment Shipments .....	Q	.25	1.00

A — Annual

Q — Quarterly

M — Monthly

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information and Public Relations Division, Ottawa or to the Queen's Printer, Hull, P.Q.

# WOOL MILLS

1964

## SECTION 1. WOOL MILLS, 1964

In terms of both the revised Standard Industrial Classification and New Establishment Concept, this industrial group, known as the Wool Mills, is defined as comprising those "Establishments primarily engaged in spinning and winding woollen yarn for sale as such and in weaving woollen and worsted fabrics such as suitings, coatings, dress goods and flannel; blankets and blanketings; and other woollen fabrics. Included in this industry are establishments primarily engaged in weaving paper makers' felts of all materials".

This section of the report, covering this industrial group as a whole, has been prepared, as in the past, in that it shows in detail the breakdown of both the materials used and the goods of own manufacture shipped. It also contains information covering certain other data, considered to be best presented at this group level, together with all special tables covering the all-industry shipment data, etc.

Tables 2 and 3, respectively, of this section of the report, show in detail the materials and supplies used in manufacturing and the shipments of goods of own manufacture by the Wool Mills group. Tables 5 to 7, inclusive, presents the 1963 and 1964 all-industry shipments of apparel wool woven fabrics; of blankets, etc.; and of paper-makers' felt, wool or containing wool, respectively. Table 8 shows the total yarn spun by the Wool Mills group only; whereas Table 8A shows the total yarn spun in 1964 by the principal primary textile industries.

The two following sections deal separately with the two industries that constitute this group.

### **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.

ˆ revised figures.

x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

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 .....	82	7,106	15,810	20,649	1,712	51,333	94,232	42,588	18	77	8,441	26,885	42,621
1962													
Totals .....	76	7,522	16,572	22,185	1,800	55,984	100,669	45,035	13	74	8,835	28,649	45,120
1963													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	2	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	7	x	x	x	x	x	x	x	x	x	x	x	x
Quebec .....	33	3,219	7,548	10,334	815	29,353	54,053	24,196	x	x	3,794	13,544	24,368
Ontario .....	30	4,166	8,674	12,283	937	34,159	58,925	24,395	x	x	4,780	15,554	24,493
Manitoba .....	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	2	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	76	7,704	16,894	23,509	1,844	65,473	116,666	50,350	21	121	8,962	30,332	50,622
1964													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	2	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	6	88	181	188	29	509	1,006	448	x	x	128	294	451
Quebec .....	35	3,431	8,168	11,695	899	33,701	59,868	26,655	x	x	3,978	15,024	26,871
Ontario .....	30	4,264	8,980	13,106	954	35,548	62,135	26,597	x	x	4,894	16,577	26,648
Manitoba .....	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	3	x	x	x	x	x	x	x	-	-	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	78	8,024	17,817	25,723	1,945	71,413	126,101	55,091	18	102	9,288	32,920	55,363



TABLE 2. Materials and Supplies - Manufacturing Activity, 1963 and 1964

Description	1963				1964			
	Quantity		Cost		Quantity		Cost	
	lbs.		\$'000		lbs.		\$'000	
<b>1. Materials used:</b>								
Fibres:								
Cotton, raw .....	869,620		316		226,467		66	
Rayon staple, fibre, tow and tops .....	3,127,584		1,208		3,485,646		1,328	
Nylon staple, fibre, tow and tops .....	1,900,306		1,990		1,907,272		2,112	
Acrylic staple fibre, tow and tops .....	1,181,198		1,167		2,617,141		2,443	
Polyester staple fibre, tow and tops .....	554,720		820		577,175		806	
Other man-made staple fibre, tow and tops .....	33,954		61		33,371		18	
	Greasy	Scoured or carbonized	Pulled or slipped	Cost	Greasy	Scoured or carbonized	Pulled or slipped	Cost
	clean pounds equivalents			\$'000	clean pounds equivalents			\$'000
Wool:								
Canadian grown:								
Finer than 60's .....	—	526,297	23,258	457	—	334,060	25,182	319
60's .....	46,152	—	—	36	11,356	550,000	—	395
58's .....	103,334	38,000	25,297	132	142,519	97,256	42,768	231
56's .....	208,644	90,841	14,925	251	43,710	177,296	165,498	366
Coarser than 56's .....	477,714	539,638	136,371	827	423,854	412,595	178,287	879
Imported:								
Finer than 60's .....	953,495	1,328,751	—	2,018	352,766	1,289,298	—	1,851
60's .....	242,192	1,251,823	—	1,211	—	449,240	—	462
58's .....	317,234	1,081,975	17,664	1,028	439,266	1,361,633	11,000	1,272
56's .....	37,373	133,961	17,041	182	8,640	93,952	22,586	135
Coarser than 56's .....	4,967,081	2,484,724	252,731	6,109	4,565,352	2,755,026	331,549	6,997
	Quantity		Cost		Quantity		Cost	
	lbs.		\$'000		lbs.		\$'000	
Noils, wool:								
Merino (60's quality and finer) .....	960,599		552		1,014,895		756	
Cross bred (coarser than 60's quality) .....	739,977		426		828,860		475	
Tops wool:								
Oil or Bradford:								
Merino (60's quality and finer) .....	7,740,472		11,848		7,369,416		11,850	
Cross bred (coarser than 60's quality) .....	4,730,186		5,120		4,590,224		5,660	
Dry or French .....	1,818,625		2,778		1,174,449		1,946	
Broken or cut .....	41,411		48		46,375		58	
Rags and clips, wool or part wool .....	2,983,548		1,122		3,237,213		1,164	
Waste wool or part wool .....	1,666,362		463		2,268,952		767	
Other waste (cotton and synthetic) .....	918,886		377		1,276,424		595	
Alpaca, vicuna, camel and other animal hair .....	520,622		808		372,787		599	
Other raw stocks .....	1,113,572		640		1,155,658		1,002	
Yarns:								
Filament yarns, all types .....	529,290		878		739,600		1,164	
Spun yarns:								
Cotton yarns .....	2,259,033		1,669		2,643,334		2,067	
Woolen system yarns, all types .....	565,932		1,295		618,787		1,388	
Other spun yarns:								
Wool and wool mixtures .....	2,580,157		5,991		3,258,233		7,126	
Other yarns .....	776,013		1,075		909,191		1,191	
Sewing thread .....	...		32		...		27	
Ribbon .....	...		172		...		192	
Soaps .....	505,115		180		811,517		221	
Oils .....	...		229		...		238	
Dyestuffs and chemicals .....	...		3,134		...		3,412	
All other materials and components used <sup>1</sup> .....	...		990		...		1,186	
<b>2. Containers and other packaging materials and supplies used .....</b>	...		875		...		1,083	
<b>3. Operating, maintenance and repair supplies used (excluding fuel) .....</b>	...		3,718		...		4,440	
<b>4. Amount paid out to others for work done on materials owned by establishments .....</b>	...		3,241		...		3,125	
<b>Totals .....</b>	...		65,473		...		71,413	

<sup>1</sup>No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$898,282 in 1963 and \$1,070,997 in 1964.

TABLE 3. Shipments of Goods of Own Manufacture, 1963 and 1964

Description		1963		1964	
		Quantity	Value	Quantity	Value
			\$'000		\$'000
1. Products:					
Woven fabrics (wool or containing wool): <sup>1</sup>					
Suitings, dressgoods, overcoatings and cloakings:					
All wool, woollen .....	sq. yds.	34,198,298	51,837	37,438,464	55,453
All wool, worsted .....	"				
Wool and rayon mixtures .....	"				
Wool and nylon mixtures .....	"				
Wool and polyester mixtures .....	"				
Other wool mixtures .....	"				
Upholstery and other furnishing and industrial fabrics containing wool .....	"	342,926	702	389,121	921
All other fabrics .....	"	1,460,249	2,350	1,251,816	2,350
Paper makers' felts wool or containing wool .....	"	...	...	...	...
Woven goods:					
Blankets, all types, including crib <sup>2</sup> (singles) .....	No.	829,351	3,712	932,838	4,145
Motor robes (auto rugs) .....	"	66,010	301	78,591	360
Yarn for sale: <sup>4</sup>					
Spun yarns:					
Woolen system:					
Hand knitting .....	lb.	367,838	658	456,005	951
Machine knitting (wool and wool blends) .....	"	1,461,008	1,960	1,779,896	1,993
Carpet weaving and tufting .....	"	3,785,717	4,133	4,078,585	4,142
All other spun yarns .....	"	2,727,257	7,410	3,020,268	7,479
Machine knitting:					
Wool .....	"	5,227,688	12,974	4,495,399	11,681
Acrylic .....	"	463,244	1,207	680,822	1,727
Nylon .....	"	100,109	240	94,861	237
Mixtures containing wool .....	"	1,640,115	3,888	1,817,980	4,023
All other machine knitting yarns .....	"	86,154	273	265,707	775
Weaving yarns and other yarns (except for knitting) .....	"	2,647,270	3,677	3,455,416	4,969
Wool waste .....	"	891,680	296	1,306,021	384
Inter company transfers .....	"	...	...	...	...
All other products .....		...	17,206	...	19,932
2. Amount received in payment for work done on materials and products owned by others .....		...	3,899	...	4,624
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....		...	(58)	...	(25)
Total adjusted value of shipments and work done .....		...	116,666	...	126,101

<sup>1</sup> For shipments of apparel wool woven fabrics in all industries, see Table 5.

<sup>2</sup> Included in "All other products".

<sup>3</sup> For shipments of blankets in all industries, see Table 6.

<sup>4</sup> For total yarns spun, whether for sale, for own use, or on commission, see Tables 8 and 8A.

TABLE 4. Industry Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
				book value \$'000		
Opening:						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	x	-	x	x	-	x
Nova Scotia .....	-	-	-	-	-	-
New Brunswick .....	110	29	119	258	-	258
Quebec .....	6,437	5,503	2,660	14,600	76	14,676
Ontario .....	6,700	4,748	4,881	16,329	212	16,541
Manitoba .....	x	x	x	x	-	x
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-
British Columbia .....	x	x	x	x	-	x
Yukon and Northwest Territories .....	-	-	-	-	-	-
Totals .....	13,573	10,705	7,860	32,138	287	32,425
Closing:						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	x	-	x	x	-	x
Nova Scotia .....	-	-	-	-	-	-
New Brunswick .....	120	32	97	249	-	249
Quebec .....	7,609	6,438	3,112	17,159	73	17,232
Ontario .....	6,133	5,019	5,573	16,725	249	16,974
Manitoba .....	x	x	x	x	-	x
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-
British Columbia .....	x	x	x	x	-	x
Yukon and Northwest Territories .....	-	-	-	-	-	-
Totals .....	14,162	11,902	9,012	35,076	323	35,399

TABLE 5. Shipments of Apparel Wool Woven Fabrics, in All Industries, 1963 and 1964

Description	1963		1964 <sup>D</sup>	
	Quantity	Value	Quantity	Value
	sq. yds.	\$'000	sq. yds.	\$'000
Suitings, dress goods, overcoatings and cloakings: <sup>1</sup>				
All wool, woollen .....	11,042,204	12,949	10,909,532	12,489
All wool, worsted .....	13,505,963	27,562	12,187,909	25,943
Wool and rayon mixtures .....	3,422,608	3,170	4,344,194	5,060
Wool and nylon mixtures .....	1,558,423	1,997	1,474,328	1,797
Wool and polyester mixtures .....	1,653,135	3,093	2,587,610	4,639
Other wool mixtures .....	4,649,500	5,253	6,870,417	6,926
<b>Totals</b> .....	<b>35,831,883</b>	<b>54,023</b>	<b>38,373,990</b>	<b>56,854</b>

<sup>1</sup> Apparel fabrics only; excludes industrial and upholstery fabrics and papermakers' felts.

TABLE 6. Shipments of Blankets, Baby Blankets and Auto Rugs, in All Industries, 1964<sup>D</sup>

Description	Wool		Other	
	Quantity	Value	Quantity	Value
	No.	\$'000	No.	\$'000
Blankets: <sup>1</sup>				
Fancy coloured and white satinbound including all coverlets and throws, etc. ....	142,432	1,077	1,505,354	4,332
White blankets, whipped ends .....	79,621	381	15,495	96
Grey blankets, whipped ends .....	62,841	165	"	"
Other coloured blankets, whipped ends .....	38,745	259	"	"
Wool and other				
	Quantity	Value	Quantity	Value
	No.	\$'000		\$'000
All other blankets including shells for electric blankets <sup>2</sup> .....		3,927,668		7,616
Baby blankets .....		1,664,430		1,637
Auto rugs .....		78,591		360
<b>Totals</b> .....		<b>7,515,177</b>		<b>15,923</b>

<sup>1</sup> Excluding flannelette (all cotton) sheets, all types.

<sup>2</sup> Included in "All other blankets".

<sup>3</sup> Beginning 1964, includes cotton blankets, previously included in "All other products", Table 3.

TABLE 7. Shipments of Papermakers' Felts, in All Industries, 1963 and 1964

Description	1963		1964 <sup>D</sup>	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
Papermakers' felt, wool or containing wool .....	3,743,051	15,393	4,232,053	18,507



**TABLE 8. Total Yarn Spun in 1964, by the Industry, whether Produced for Own Use, for Sale or on Commission**

Description	Quantity
	'000 lbs.
Yarn spun:	
Woolen system:	
Wool and wool mixtures	12,428
Wholly of man-made fibre	2,723
Other	1,769
Worsted and other systems:	
Wool (90% wool content and over)	13,041
Wool mixtures	5,407
Wholly of man made fibre	1,999
All other	1,338
<b>Total</b>	<b>38,705</b>

**TABLE 8A. Total Yarn Spun, whether Produced for Own Use, for Sale or on Commission, in All Industries,<sup>1</sup> 1964**

Description	Quantity
	'000 lbs.
Yarn spun:	
Wholly of cotton	190,545
Cotton blends	1,870
Wool	13,041
Wool mixtures	28,808
Wholly of one man-made fibre	32,030
Man-made fibre blends	16,050
All other	
<b>Total</b>	<b>282,344</b>

<sup>1</sup> Includes Cotton Yarn and Cloth Mills, Wool Mills, Synthetic Textile Mills, and Hosiery and Knitting Mills industries.

**TABLE 9. Supplementary Breakdown of Wool Woven Apparel Fabrics, in All Industries, 1963 and 1964**

Description	1963				1964			
	Suiting	Dress goods	Cloaking	Overcoating	Suiting	Dress goods	Cloaking	Overcoating
	square yards							
All wool, woollen	1,171,474	5,252,634	3,654,278	963,618	1,159,423	6,353,607	3,379,185	17,317
All wool, worsted	11,343,905	1,351,196	787,830	23,032	10,714,389	1,427,324	46,196	—
Wool and rayon mixtures	981,789	1,316,479	710,827	413,514	1,425,137	1,233,008	1,602,988	63,061
Wool and nylon mixtures	187,682	766,344	604,397	—	173,307	756,273	544,748	—
Wool and polyester mixtures	1,637,567	15,568	—	—	2,568,919	18,691	—	—
Other wool mixtures	673,052	514,070	651,657	2,810,721	486,463	89,814	1,666,404	4,627,736
<b>Totals</b>	<b>15,995,469</b>	<b>9,216,291</b>	<b>6,408,989</b>	<b>4,211,085</b>	<b>16,527,638</b>	<b>9,878,717</b>	<b>7,239,521</b>	<b>4,728,114</b>

**TABLE 10. Shipments of Wool Cloth, Worsted Cloth and Wool Blankets in All Industries, 1956-64**

Year	Woollen cloth all wool		Woollen cloth worsted		Wool blankets	
	sq. yds.	\$'000	sq. yds.	\$'000	sq. yds.	\$'000
1956	14,166,626	21,069	7,285,966	15,220	1,796,872	3,513
1957	12,051,663	18,257	7,055,975	15,652	1,792,979	3,149
1958	9,068,471	13,711	6,565,912	13,004	1,144,283	2,189
1959	11,907,454	15,232	9,537,153	17,663	1,086,215 <sup>†</sup>	2,213
1960	10,637,656	13,447	9,128,666	18,009	689,485	1,698
					No.	
1961 <sup>1</sup>	8,341,295	11,536	10,897,303	19,467	243,425	1,675
1962	10,331,785	11,941	11,569,623	22,708	229,126	1,659
1963	11,042,204	12,949	13,505,963	27,562	506,676	2,546
1964 <sup>p</sup>	10,909,532	12,489	12,187,909	25,943	313,639	1,881

<sup>1</sup> Beginning in 1961, blanket shipments were reported by number only and not by square yardage.

TABLE 11. Mechanical Equipment in Wool Mills, 1964

Description	number	
	Wool yarn	Wool cloth
Sets of cards:		
Rag pickers .....	2	18
Garnets .....	—	5
Shoddy .....	—	7
Worsted .....	—	6
Woollen tape condenser .....	15	163
Woollen-ring doffer .....	7	15
Cotton .....	—	—
Width of cards:		
40 inches and under .....	2	15
41 " to 49 inches .....	9	29
50 " " 59 " .....	—	1
60 " .....	11	141
Over 60 inches .....	2	28
Spindles:		
Mule spinning:		
Woollen .....	864	10,909
Worsted — Oil .....	—	—
Other .....	—	—
Cotton .....	—	—
Ring spinning:		
Woollen .....	3,276	26,975
Worsted — Oil .....	17,606	25,876
Other .....	11,104	10,200
Cotton .....	—	—
Cap spinning:		
Woollen .....	—	—
Worsted — Oil .....	9,280	—
Other .....	—	5,720
Cotton .....	—	—
Flyer spinning:		
Woollen .....	—	24
Worsted — Oil .....	4,848	1,000
Other .....	—	108
Cotton .....	—	—
Number of frames:		
Woollen .....	21	811
Worsted — Oil .....	139	125
Other .....	37	75
Cotton .....	—	—
Doubling and twisting spindles .....	14,856	18,749
Looms:		
Flat, manual, 4x4:		
Up to 50 inches reed space .....	—	—
51 inches to 70 inches reed space .....	—	—
71 " " 83 " " " " .....	—	71
84 " " 95 " " " " .....	—	72
96 " and over reed space .....	—	—
Flat, manual, other:		
Up to 50 inches reed space .....	—	—
51 inches to 70 inches reed space .....	—	3
71 " " 83 " " " " .....	—	4
84 " " 95 " " " " .....	—	3
96 " and over reed space .....	—	48
Flat, automatic, 4x1:		
Up to 50 inches reed space .....	—	—
51 inches to 70 inches reed space .....	—	—
71 " " 83 " " " " .....	—	586
84 " " 95 " " " " .....	—	414
96 " and over reed space .....	—	74
Flat, automatic, other:		
Up to 50 inches reed space .....	—	—
51 inches to 70 inches reed space .....	—	100
71 " " 83 " " " " .....	—	137
84 " " 95 " " " " .....	—	115
96 " and over reed space .....	—	12
Flat, hand:		
Up to 50 inches reed space .....	—	—
51 inches to 70 inches reed space .....	—	—
71 " " 83 " " " " .....	—	—
84 " " 95 " " " " .....	—	8
96 " and over reed space .....	—	71
Wool combs — Noble .....	3	12
Wool combs — Other .....	—	—
Scouring machines .....	3	13
Raw stock carbonizing machines .....	—	1

## **SECTION 2. WOOL YARN MILLS, 1964**

In terms of both the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in spinning and winding woollen yarn for sale as such".

In this section of the report, the approach outlined in the preface to the main section has been maintained in that the materials used by the industry and the shipments of goods of own manufacture have been shown in minimum detail only in order to present the more important group information in Section 1.

A list of the establishments classified to this industry in the 1964 survey will be found at the end of this section of the report.

TABLE 1. Principal Statistics, 1961-64

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 .....	26	1,691	3,514	4,529	358	14,165	24,030	9,422	8	42	2,003	5,906	9,453
1962													
Totals .....	23	1,760	3,671	4,819	351	15,070	25,345	10,262	7	48	2,061	6,246	10,317
1963													
Newfoundland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island .....	2	53	113	106	11	233	415	208	x	x	55	129	208
Nova Scotia .....	—												
New Brunswick .....	2												
Quebec .....	8	171	401	552	36	2,225	3,442	1,236	x	x	190	635	1,298
Ontario .....	12	1,663	3,438	4,694	323	17,033	26,838	9,572	x	x	1,941	6,084	9,621
Manitoba .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	24	1,887	3,952	5,353	370	19,491	30,695	11,016	15	95	2,186	6,848	11,126
1964													
Newfoundland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island .....	2	52	114	113	11	230	433	190	x	x	54	127	190
Nova Scotia .....	—												
New Brunswick .....	1												
Quebec .....	8	194	448	642	45	2,643	3,976	1,428	x	x	210	728	1,486
Ontario .....	13	1,644	3,305	4,652	320	16,825	26,425	9,636	x	x	1,938	6,173	9,694
Manitoba .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	24	1,890	3,867	5,407	375	19,698	30,835	11,254	15	94	2,202	7,028	11,370



TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1963 and 1964

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	
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	5	13	29	29	5	65	138	60	4	12	16	35	68
25,000 " 49,999	4	49	101	106	15	161	339	173	5	33	57	133	234
50,000 " 99,999	4	137	266	278	22	675	1,144	483	—	—	150	347	482
100,000 " 199,999	3	146	342	480	21	1,250	2,125	849	6	51	154	541	847
200,000 " 499,999	8	1,542	3,214	4,460	307	17,340	26,949	9,451	—	—	1,809	5,792	9,496
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	24	1,887	3,952	5,353	370	19,491	30,695	11,016	15	95	2,186	6,848	11,126
1964													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	6	43	94	106	14	119	340	212	6	29	46	113	234
25,000 " 49,999	7	186	366	405	37	1,302	1,893	693	3	15	204	498	729
50,000 " 99,999	3	140	331	496	22	1,416	2,255	868	6	51	148	553	866
100,000 " 199,999	5	377	802	1,224	99	7,881	10,767	2,825	—	—	454	1,631	2,785
200,000 " 499,999	3	1,144	2,274	3,175	203	8,980	15,580	6,657	—	—	1,350	4,233	6,756
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	24	1,890	3,867	5,407	375	19,698	30,835	11,254	15	94	2,202	7,028	11,370

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1963 and 1964

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	
1963													
Under \$10,000	5	13	29	29	5	65	138	60	4	12	16	35	68
\$ 10,000 to \$ 24,999	5	73	149	147	19	299	539	269	5	33	83	196	329
25,000 " 49,999	4	133	264	290	23	1,224	1,785	537	—	—	145	340	535
50,000 " 99,999	4	234	510	744	30	3,355	4,922	1,459	6	51	285	963	1,436
100,000 " 199,999	3	351	750	1,120	95	5,375	7,711	2,129	—	—	384	1,338	2,117
200,000 " 499,999	3	1,083	2,250	3,023	199	9,172	15,601	6,563	—	—	1,273	3,975	6,640
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	24	1,887	3,952	5,353	370	19,491	30,695	11,016	15	95	2,186	6,848	11,126
1964													
Under \$10,000	7	67	140	160	24	456	706	243	5	22	77	195	303
\$ 10,000 to \$ 24,999	3	57	121	121	10	226	438	199	4	22	59	135	199
25,000 " 49,999	5	292	618	906	44	4,300	5,908	1,706	6	51	316	1,044	1,704
50,000 " 99,999	3	271	584	877	80	4,385	6,520	2,035	—	—	336	1,221	1,996
100,000 " 199,999	3	1,144	2,274	3,175	203	8,980	15,580	6,657	—	—	1,350	4,233	6,756
200,000 " 499,999	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	24	1,890	3,867	5,407	375	19,698	30,835	11,254	15	94	2,202	7,028	11,370

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1963 and 1964

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	
<b>1963</b>													
Under \$10,000 .....	5	13	29	29	5	65	138	60	4	12	16	35	68
\$ 10,000 to \$ 24,999 .....	5	73	149	147	18	299	539	269	5	33	83	196	330
25,000 " 49,999 .....	4	133	264	290	23	1,224	1,785	537	—	—	145	340	535
50,000 " 99,999 .....	4	234	510	744	30	3,355	4,922	1,459	6	51	285	963	1,436
100,000 " 199,999 .....	3	351	750	1,120	95	5,375	7,711	2,129	—	—	384	1,338	2,117
200,000 " 499,999 .....	3	1,083	2,250	3,023	199	9,172	15,601	6,563	—	—	1,273	3,975	6,640
500,000 " 999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>24</b>	<b>1,887</b>	<b>3,952</b>	<b>5,353</b>	<b>370</b>	<b>19,491</b>	<b>30,695</b>	<b>11,016</b>	<b>15</b>	<b>95</b>	<b>2,186</b>	<b>6,848</b>	<b>11,126</b>
<b>1964</b>													
Under \$10,000 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999 .....	5	43	94	109	12	337	505	163	5	22	48	125	164
25,000 " 49,999 .....	5	81	166	171	22	346	639	279	4	22	88	205	338
50,000 " 99,999 .....	3	59	130	168	14	1,349	1,683	414	—	—	64	199	412
100,000 " 199,999 .....	5	292	618	906	44	4,300	5,908	1,706	6	51	316	1,044	1,704
200,000 " 499,999 .....	3	271	584	877	79	4,385	6,520	2,035	—	—	336	1,221	1,996
500,000 " 999,999 .....	3	1,144	2,274	3,175	203	8,980	15,580	6,657	—	—	1,350	4,233	6,756
1,000,000 " 4,999,999 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>24</b>	<b>1,890</b>	<b>3,867</b>	<b>5,407</b>	<b>375</b>	<b>19,698</b>	<b>30,835</b>	<b>11,254</b>	<b>15</b>	<b>94</b>	<b>2,202</b>	<b>7,028</b>	<b>11,370</b>

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1963 and 1964

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	
<b>1963</b>													
Under 5 employed .....	3	4	8	9	2	37	84	32	2	7	6	14	34
5 - 14 employed .....	4	25	51	52	9	72	170	84	4	21	30	64	137
15 - 49 " .....	8	206	430	520	39	3,220	4,529	1,343	3	17	227	641	1,354
50 - 99 " .....	4	257	545	748	32	2,989	4,457	1,386	6	51	309	956	1,364
100-199 " .....	5	1,395	2,917	4,024	287	13,173	21,455	8,172	—	—	1,614	5,174	8,238
200-499 " .....													
500 employed and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>24</b>	<b>1,887</b>	<b>3,952</b>	<b>5,353</b>	<b>370</b>	<b>19,491</b>	<b>30,695</b>	<b>11,016</b>	<b>15</b>	<b>95</b>	<b>2,186</b>	<b>6,848</b>	<b>11,126</b>
<b>1964</b>													
Under 5 employed .....	6	43	94	106	14	119	340	212	6	29	46	113	233
5 - 14 employed .....	9	217	451	570	46	3,804	5,048	1,347	3	15	238	690	1,381
15 - 49 " .....	4	255	546	794	34	3,671	5,143	1,613	6	51	309	1,041	1,579
50 - 99 " .....	5	1,375	2,777	3,937	282	12,104	20,304	8,082	—	—	1,609	5,184	8,176
100-199 " .....													
200-499 " .....	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals .....</b>	<b>24</b>	<b>1,890</b>	<b>3,867</b>	<b>5,407</b>	<b>375</b>	<b>19,698</b>	<b>30,835</b>	<b>11,254</b>	<b>15</b>	<b>94</b>	<b>2,202</b>	<b>7,028</b>	<b>11,370</b>

TABLE 6. Principal Statistics classified by Type of Organization, 1963 and 1964

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	
1963													
Individual ownerships .....	4	11	25	25	5	52	111	51	4	12	13	29	59
Partnerships .....	3	111	278	380	19	130	697	561	11	83	115	409	561
Incorporated companies .....	17	1,765	3,649	4,948	346	19,309	29,887	10,404	...	...	2,068	6,411	10,506
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals .....	24	1,887	3,952	5,353	370	19,491	30,885	11,016	15	95	2,186	8,848	11,126
1964													
Individual ownerships .....	4	25	55	62	5	49	184	132	4	19	27	66	133
Partnerships .....	3	109	279	408	20	127	721	602	11	75	113	438	602
Incorporated companies .....	17	1,756	3,533	4,937	350	19,521	29,930	10,520	...	...	2,062	6,525	10,635
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals .....	24	1,890	3,867	5,407	375	19,698	30,835	11,254	15	94	2,282	7,028	11,370

TABLE 7. Calculation of Output, Input and Value Added, 1963 and 1964

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
	\$'000					
Output						
1. Shipments and other revenue .....	30,695	30,835	385	393	31,080	31,228
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	1,538	1,461	...	...	1,538	1,461
Finished goods .....	2,754	3,185	...	...	2,754	3,185
Deduct opening—Goods in process .....	1,283	1,538	...	...	1,283	1,538
Finished goods .....	2,828	2,615	...	...	2,828	2,615
2. Net inventory change .....	181	493	...	...	181 <sup>f</sup>	493
3. Gross output (1 + 2) .....	30,876	31,328	385	393	31,261	31,721
Input						
4. Purchases of goods not of own manufacture .....	...	...	215	234	215	234
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	92	94	92	94
Deduct closing .....	...	...	94	110	94	110
5. Cost of goods sold (not of own manufacture) .....	...	...	213	218	213	218
6. Materials, supplies, etc. ....	19,491	19,698	61	59	19,552	19,757
7. Fuel and electricity .....	370	375	...	...	370	375
8. Gross input (5 + 6 + 7) .....	19,861	20,073	274	277	20,135	20,350
Value added (3 - 8) .....	11,016	11,254	111	116	11,126	11,370



TABLE 8. Employment and Payroll, 1963 and 1964

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 distri- bution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
1963															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	x	x	-	-	x	-	-	-	x	x	x	-	x	-	x
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	x	x	-	-	x	-	-	-	x	x	x	-	x	-	x
Quebec .....	26	45	-	-	17	2	-	-	143	47	552	-	83	-	635
Ontario .....	525	1,138	-	-	111	116	42	9	678	1,263	4,694	-	1,094	295	6,084
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	671	1,216	-	-	130	118	42	9	843	1,343	5,353	-	1,200	295	6,848
1964															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	}	27	25	-	-	2	-	-	-	29	25	113	-	14	-
Nova Scotia .....															
New Brunswick .....															
Quebec .....	142	52	-	-	15	1	-	-	157	53	642	-	86	-	728
Ontario .....	532	1,112	-	-	117	123	41	13	690	1,248	4,652	-	1,175	346	6,173
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	701	1,189	-	-	134	124	41	13	876	1,326	5,407	-	1,275	346	7,028

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1963 and 1964

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January .....	661	1,137	719	1,278
February .....	675	1,174	720	1,290
March .....	680	1,180	692	1,259
April .....	694	1,158	695	1,215
May .....	684	1,221	706	1,214
June .....	652	1,186	735	1,264
July .....	662	1,190	727	1,248
August .....	661	1,251	708	1,224
September .....	670	1,281	688	1,132
October .....	669	1,294	672	1,085
November .....	681	1,266	672	1,034
December .....	675	1,244	662	1,033
Averages .....	671	1,216	701	1,189
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments .....	671	1,216	701	1,189



TABLE 10. Inventories, 1964

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 .....	82	—	82	163	—	163
Nova Scotia .....						
New Brunswick .....						
Quebec .....						
Quebec .....	458	68	183	687	—	887
Ontario .....	2,927	1,472	2,371	6,770	94	6,864
Manitoba .....	—	—	—	—	—	—
Saskatchewan .....	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—
British Columbia .....	—	—	—	—	—	—
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	3,467	1,538	2,615	7,620	94	7,714
Closing:						
Newfoundland .....	—	—	—	—	—	—
Prince Edward Island .....	79	—	79	158	—	158
Nova Scotia .....						
New Brunswick .....						
Quebec .....						
Quebec .....	453	82	286	822	—	822
Ontario .....	2,218	1,379	2,820	6,417	110	6,526
Manitoba .....	—	—	—	—	—	—
Saskatchewan .....	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—
British Columbia .....	—	—	—	—	—	—
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	2,751	1,461	3,185	7,397	110	7,507

TABLE 11. Purchased Fuel and Electricity Used in Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines .....	ton	—	—	—
(b) Imported .....	"	9,498	128	9,240
Sub-bituminous coal (from Alberta mines only) .....	"	—	—	—
Anthracite coal .....	"	—	—	—
Lignite coal .....	"	—	—	—
Coke .....	"	—	—	—
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	16,268	6	17,927
Fuel oil including kerosene or coal oil .....	"	197,038 <sup>r</sup>	19	225,038
Wood .....	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	—	—	—
(b) Other manufactured gas .....	M cu. ft.	—	—	—
(c) Natural gas .....	"	155	—	—
Other fuel .....	...	—	—	—
Electricity purchased .....	kwh.	15,042,650	134	14,968,513
Steam purchased .....	...	60	...	66
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	22	...	26
3. All establishments:				
<b>Total fuel and electricity used</b> .....	...	<b>370</b>	...	<b>375</b>

TABLE 12. Materials and Supplies — Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Fibres:				
Cotton, raw .....	689,620	267	1,467	--
Man-made staple fibre, tow and tops .....	1,848,859	1,839	2,398,075	2,335
Wool:				
Canadian grown (clean) .....	251,478	184	149,534	127
Imported (clean) .....	3,936,754	3,652	4,074,807	4,082
Tops, wool .....	7,580,370	9,282	6,270,698	8,330
Other raw stocks (rags and clips, waste, etc.) .....	407,550	602	640,869	791
Yarns:				
Filament yarns, all types .....	52,158	148	86,767	225
Spun yarns, all types .....	461,519	1,046	573,719	1,151
All other materials and components used <sup>a</sup> .....	...	1,072	...	1,004
2. Containers and other packaging materials and supplies used .....	...	481	...	551
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	527	...	580
4. Amount paid out to others for work done on materials owned by establishments .....	...	389	...	520
Totals .....	...	19,491	...	19,698

<sup>a</sup>No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$351,590 in 1963 and \$382,649 in 1964.

TABLE 13. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Yarns sold, all types .....	12,738,296	28,221	12,900,780	28,469
All other products .....	...	1,295	...	984
2. Amount received in payment for work done on materials and products owned by others .....	...	1,201	...	1,402
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(22)	...	(21)
Total adjusted value of shipments and work done .....	...	30,695	...	30,835

List of Establishments classified to This Industry, 1964

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

Name	Location
<b>Prince Edward Island:</b>	
Condon, Wm. & Sons .....	65 Queen St., Charlottetown
MacAusland, F. & Sons .....	Bloomfield
<b>New Brunswick:</b>	
Briggs & Little's Woollen Mill Ltd. ....	York Mills
<b>Quebec:</b>	
Duval Spinning Mills Reg'd. ....	St-Victor, Cte de Beauce
Filature Lemieux .....	St-Ephrem
Les Textiles du Grand Moulin Inc. ....	R.R. 2, St-Pascal
Marak Textile Mill & Products .....	2035 Desjardins St., Montreal
Senyor Spinners of Canada Ltd. ....	St. Placide
Service de Filature de Laine Ltée .....	93, rue Duguay, Cap-de-la-Madeleine
Toronto Carpet Mfg. Company Limited .....	230 Taché St., Joliette
Tre-Mont Worsted Mills Ltd. ....	5524 St. Patrick St., Montreal
<b>Ontario:</b>	
Alton Woollen Mills .....	Alton
Bancroft Woollen Mills .....	Brancroft
Brinton Carpets Ltd. ....	Cambridge St., Lindsay
Holdroyd Yarns Ltd. ....	97 Pelham Ave., Toronto
Lavoie, J. Textiles .....	Acton
Mohawk Mills Limited .....	Dom. Rd. at Kenilworth N., Hamilton
Newlands Harding — Hand Knitting Div. ....	12 King St., Galt
Newlands — Harding Yarns Ltd. ....	Guelph
Parkspin Ltd. ....	49 Metcalfe St., St. Thomas
Patons & Baldwins (Canada) Ltd. ....	1001 Roselawn Ave., Toronto 19
Penmans Limited .....	80 Alice St., Waterford
Spinrite Yarns & Dyers Ltd. ....	320 Livingstone Ave., Listowel
York Knitting Mills Limited (York Yarns Division) .....	104 Crawford St., Toronto

### SECTION 3. WOOL CLOTH MILLS, 1964

In terms of both the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in weaving woollen and worsted fabrics such as suitings, coatings, dress goods and flannel; blankets and blanketings; and other woollen fabrics. Included in this industry are establishments primarily engaged in weaving papermakers' felts of all materials".

In this section of the report, the approach outlined in the preface to the main section has been maintained in that the materials used by the industry and the shipments of goods of own manufacture have been shown in minimum detail only in order to present the more important group information in Section 1.

A list of the establishments classified to this industry in the 1964 survey will be found at the end of this section of the report.



TABLE 1. Principal Statistics, 1961-64

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 .....	56 <sup>f</sup>	5,415 <sup>f</sup>	12,293 <sup>f</sup>	16,120 <sup>f</sup>	1,354 <sup>f</sup>	37,168 <sup>f</sup>	70,202 <sup>f</sup>	33,166 <sup>f</sup>	10	35	6,438 <sup>f</sup>	20,979 <sup>f</sup>	33,169 <sup>f</sup>
1962													
Totals .....	53	5,762	12,901	17,365	1,449	40,914	75,324	34,773	6	26	6,774 <sup>f</sup>	22,403	34,803
1963													
Newfoundland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia.....	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	5	x	x	x	x	x	x	x	x	x	x	x	x
Quebec .....	25	3,048	7,147	9,782	779	27,128	50,611	22,961	x	x	3,604	12,908	23,068
Ontario .....	18	2,503	5,236	7,589	614	17,125	32,087	14,823	—	—	2,839	9,471	14,873
Manitoba .....	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia .....	2	x	x	x	x	x	x	x	—	—	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	52	5,817	12,842	18,156	1,475	45,982	85,970	39,334	6	25	6,776 <sup>f</sup>	23,484	39,496
1964													
Newfoundland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick .....	5	x	x	x	x	x	x	x	x	x	x	x	x
Quebec .....	27	3,237	7,720	11,053	854	31,058	55,891	25,227	x	x	3,768	14,296	25,386
Ontario .....	17	2,620	5,675	8,454	634	18,723	35,710	16,961	—	—	2,956	10,404	16,951
Manitoba.....	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia .....	3	x	x	x	x	x	x	x	—	—	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	54	6,134	13,950	20,316	1,570	51,715	95,267	43,837	3	7	7,086	25,892	43,993



TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1963 and 1964

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	
<b>1963</b>													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	4	13	26	17	—	26	76	53	3	8	16	21	53
25,000 " 49,999	3	13	24	26	6	74	198	104	1	2	31	62	104
50,000 " 99,999	7	96	198	238	27	295	906	630	2	15	150 <sup>f</sup>	401	714
100,000 " 199,999	7	198	458	515	89	866	2,339	1,155	—	—	223	661	1,159
200,000 " 499,999	8	452	1,091	1,187	130	2,561	5,420	2,918	—	—	527	1,564	2,939
500,000 " 999,999	19	3,315	7,105	10,312	866	24,332	46,686	22,397	—	—	3,851	13,415	22,427
1,000,000 " 4,999,999	4	1,730	4,041	5,861	377	17,829	30,344	12,078	—	—	1,931	7,083	12,110
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	47	276	(9)
<b>Totals</b>	<b>52</b>	<b>5,817</b>	<b>12,942</b>	<b>18,156</b>	<b>1,475</b>	<b>45,982</b>	<b>85,970</b>	<b>39,334</b>	<b>6</b>	<b>25</b>	<b>6,776<sup>f</sup></b>	<b>23,484</b>	<b>39,496</b>
<b>1964</b>													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	4	7	14	14	—	26	78	52	3	7	8	16	52
25,000 " 49,999	4	23	47	53	7	106	213	101	—	—	35	99	109
50,000 " 99,999	6	75	177	223	24	362	862	476	—	—	119	353	507
100,000 " 199,999	8	168	406	472	61	1,563	2,687	1,143	—	—	203	643	1,144
200,000 " 499,999	8	465	1,110	1,235	118	2,782	5,480	2,696	—	—	533	1,628	2,820
500,000 " 999,999	18	3,163	6,870	10,100	791	23,165	42,680	18,997	—	—	3,573	12,360	18,944
1,000,000 " 4,999,999	6	2,233	5,327	8,219	568	23,710	43,267	20,372	—	—	2,562	10,459	20,430
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	53	335	(12)
<b>Totals</b>	<b>54</b>	<b>6,134</b>	<b>13,950</b>	<b>20,316</b>	<b>1,570</b>	<b>51,715</b>	<b>95,267</b>	<b>43,837</b>	<b>3</b>	<b>7</b>	<b>7,086</b>	<b>25,892</b>	<b>43,993</b>

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1963 and 1964

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	
<b>1963</b>													
Under \$10,000	3	10	20	11	—	38	58	20	2	3	15	12	20
\$ 10,000 to \$ 24,999	3	3	6	6	2	41	119	72	2	7	18	33	72
25,000 " 49,999	9	126	268	314	40	608	1,345	669	2	15	177 <sup>f</sup>	456	754
50,000 " 99,999	4	112	262	253	15	581	1,221	548	—	—	130	319	544
100,000 " 199,999	12	812	1,851	2,282	196	5,670	9,826	3,902	—	—	930	2,810	3,941
200,000 " 499,999	8	1,010	2,069	2,866	263	7,525	13,470	6,194	—	—	1,128	3,490	8,223
500,000 " 999,999	13	3,744	8,465	12,424	958	31,520	59,930	27,928	—	—	4,333	15,988	27,952
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	47	278	(9)
<b>Totals</b>	<b>52</b>	<b>5,817</b>	<b>12,942</b>	<b>18,156</b>	<b>1,475</b>	<b>45,982</b>	<b>85,970</b>	<b>39,334</b>	<b>6</b>	<b>25</b>	<b>6,776<sup>f</sup></b>	<b>23,484</b>	<b>39,496</b>
<b>1964</b>													
Under \$10,000	6	15	32	35	3	75	176	89	3	7	20	48	98
\$ 10,000 to \$ 24,999	3	31	58	68	18	140	257	113	—	—	43	120	140
25,000 " 49,999	7	59	134	182	18	1,025	1,519	549	—	—	108	313	551
50,000 " 99,999	4	101	252	290	34	396	947	502	—	—	115	343	502
100,000 " 199,999	11	619	1,485	1,616	177	4,731	8,284	3,535	—	—	720	2,182	3,659
200,000 " 499,999	10	1,583	3,344	4,601	278	11,092	19,072	7,980	—	—	1,726	5,437	7,968
500,000 " 999,999	13	3,726	8,645	13,523	1,047	34,254	65,011	31,068	—	—	4,301	17,115	31,090
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	53	335	(12)
<b>Totals</b>	<b>54</b>	<b>6,134</b>	<b>13,950</b>	<b>20,316</b>	<b>1,570</b>	<b>51,715</b>	<b>95,267</b>	<b>43,837</b>	<b>3</b>	<b>7</b>	<b>7,086</b>	<b>25,892</b>	<b>43,993</b>

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1963 and 1964

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	
1963													
Under \$10,000	3	10	20	11	—	38	58	20	2	3	15	12	20
\$ 10,000 to \$ 24,999	3	3	6	6	2	41	119	72	2	7	16	33	72
25,000 "	8	104	229	287	31	586	1,236	586	2	15	139 <sup>f</sup>	403	594
50,000 "	5	134	302	280	24	603	1,330	632	—	—	168	372	704
100,000 "	12	812	1,851	2,282	196	5,670	9,826	3,902	—	—	930	2,910	3,941
200,000 "	8	1,010	2,069	2,866	263	7,525	13,470	6,194	—	—	1,128	3,490	6,223
500,000 "	13	3,744	8,465	12,424	958	31,520	59,930	27,928	—	—	4,333	15,988	27,952
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	47	276	(9)
Totals	52	5,817	12,942	18,156	1,475	45,982	85,970	39,334	6	25	6,776 <sup>f</sup>	23,484	39,496
1964													
Under \$10,000	5	9	18	17	1	45	116	70	3	7	12	24	70
\$ 10,000 to \$ 24,999	3	21	43	50	7	86	174	82	—	—	31	91	90
25,000 "	8	75	163	219	27	1,109	1,662	599	—	—	128	366	628
50,000 "	4	101	252	290	34	396	947	502	—	—	115	343	502
100,000 "	11	619	1,485	1,616	177	4,731	8,284	3,535	—	—	720	2,182	3,659
200,000 "	10	1,583	3,344	4,601	278	11,092	19,072	7,980	—	—	1,726	5,437	7,966
500,000 "	13	3,726	8,645	13,523	1,047	34,254	65,011	31,068	—	—	4,301	17,115	31,090
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	53	335	(12)
Totals	54	6,134	13,950	20,316	1,570	51,715	95,267	43,837	3	7	7,086	25,892	43,993

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1963 and 1964

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	
1963													
Under 5 employed	3	6	12	11	—	23	66	44	3	8	9	15	44
5 - 14 employed	8	35	81	108	7	321	631	280	1	2	54	157	280
15 - 49 "	11	207	441	503	54	930	3,078	2,098	—	—	287 <sup>f</sup>	791 <sup>f</sup>	2,171
50 - 99 "	10	557	1,322	1,508	205	4,266	7,719	3,258	2	15	647 <sup>f</sup>	2,015 <sup>f</sup>	3,289
100-199 "	11	1,468	3,190	4,515	360	10,120	20,669	10,279	—	—	1,650	5,701	10,401
200-499 "	11	3,546	7,897	11,511	649	30,323	53,808	23,375	—	—	4,082	14,528	23,321
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	47	276	(9)
Totals	52	5,817	12,942	18,156	1,475	45,982	85,970	39,334	6	25	6,776 <sup>f</sup>	23,484	39,496
1964													
Under 5 employed	5	9	18	17	1	46	116	70	3	7	12	24	70
5 - 14 employed	6	63	143	191	13	971	1,313	473	—	—	82	275	478
15 - 49 "	10	229	548	642	83	1,494	3,124	1,554	—	—	306	948	1,893
50 - 99 "	10	643	1,515	1,722	193	5,183	9,376	4,065	—	—	748	2,329	4,099
100-199 "	10	1,532	3,388	4,991	377	11,530	23,611	12,291	—	—	1,712	6,173	12,377
200-499 "	11	3,656	8,339	12,753	904	32,492	57,726	25,363	—	—	4,173	15,808	25,288
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	53	335	(12)
Totals	54	6,134	13,950	20,316	1,570	51,715	95,267	43,837	3	7	7,086	25,892	43,993

TABLE 6. Principal Statistics classified by Type of Organization, 1963 and 1964

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	
1963													
Individual ownerships .....	5	8	16	16	4	99	236	129	6	25	31 <sup>r</sup>	54	133
Partnerships .....													
Incorporated companies .....	47	5,809	12,942	18,140	1,471	45,883	85,734	39,205	...	...	6,698	23,154	39,372
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	47	276	(9)
Totals .....	52	5,817	12,942	18,156	1,475	45,982	85,970	39,334	6	25	6,776 <sup>r</sup>	23,484	39,496
1964													
Individual ownerships .....	4	7	14	14	1	42	102	61	3	7	9	18	61
Partnerships .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Incorporated companies .....	50	6,127	13,936	20,302	1,569	51,673	95,184	43,776	...	...	7,024	25,539	43,945
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	53	335	(12)
Totals .....	54	6,134	13,950	20,316	1,570	51,715	95,267	43,837	3	7	7,086	25,892	43,993

TABLE 7. Calculation of Output, Input and Value Added, 1963 and 1964

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
	\$'000					
Output						
1. Shipments and other revenue .....	85,970	95,267	2,015	2,036	87,985	97,303
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	9,242	10,441	...	...	9,242	10,441
Finished goods .....	5,462	5,827	...	...	5,462	5,827
Deduct opening—Goods in process .....	8,457	9,167	...	...	8,457	9,167
Finished goods .....	5,426	5,245	...	...	5,426	5,245
2. Net inventory change .....	821	1,856	...	...	821	1,856
3. Gross output (1 + 2) .....	86,791	97,123	2,015	2,036	88,806	99,159
Input						
4. Purchases of goods not of own manufacture .....	...	...	1,806	1,594	1,806	1,594
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	178	193	178	193
Deduct closing .....	...	...	193	213	193	213
5. Cost of goods sold (not of own manufacture) .....	...	...	1,591	1,574	1,591	1,574
6. Materials, supplies, etc. ....	45,982	51,715	262	305	46,244	52,020
7. Fuel and electricity .....	1,475	1,570	...	...	1,475	1,570
8. Gross input (5 + 6 + 7) .....	47,457	53,285	1,853	1,879	49,310	55,164
Value added (3 - 8) .....	39,334	43,837	162	157	39,496	43,993



TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distribution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
	number										\$'000				
1963															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec .....	2,207	841	-	38	311	140	62	5	2,580	1,024	9,782	70	2,555	501	12,908
Ontario .....	1,514	989	-	13	160	93	47	23	1,721	1,118	7,589	12	1,418	452	9,471
Manitoba .....	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	3,823	1,994	1 <sup>r</sup>	74 <sup>r</sup>	492	248	115	29	4,431 <sup>r</sup>	2,345 <sup>r</sup>	18,156	120	4,188	1,020	23,484
1964															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec .....	2,298	939	-	33	299	125	69	5	2,666	1,102	11,053	55	2,638	549	14,296
Ontario .....	1,577	1,043	-	-	181	101	36	18	1,794	1,162	8,454	-	1,516	434	10,404
Manitoba .....	x	x	x	x	-	x	-	x	x	x	x	x	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Yukon and Northwest Territories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	3,982	2,152	1	58	514	241	114	24	4,611	2,475	20,316	82	4,426	1,068	25,892

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1963 and 1964

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January .....	3,577	1,896	3,764	2,084
February .....	3,590	1,877	3,766	2,083
March .....	3,647	1,875	3,852	2,097
April .....	3,720	1,925	3,933	2,119
May .....	3,860	1,980	4,064	2,180
June .....	3,978	2,044	4,104	2,173
July .....	3,964	2,011	4,121	2,129
August .....	3,941	2,069	4,087	2,184
September .....	3,897	2,091	4,048	2,199
October .....	3,924	2,061	4,053	2,180
November .....	3,822	2,060	3,992	2,199
December .....	3,792	2,043	4,008	2,158
Averages .....	3,823	1,994	3,982	2,152
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments .....	3,823	1,994	3,982	2,152



TABLE 10. Inventories, 1964

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 .....	x	x	x	x	—	x
Quebec .....	5,979	5,436	2,496	13,913	76	13,989
Ontario .....	3,773	3,276	2,510	9,559	118	9,677
Manitoba .....	x	—	x	x	—	x
Saskatchewan .....	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—
British Columbia .....	x	x	x	x	—	x
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	10,106	9,167	5,245	24,518	193	24,711
Closing:						
Newfoundland .....	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—
New Brunswick .....	x	x	x	x	—	x
Quebec .....	7,156	6,356	2,825	16,337	73	16,410
Ontario .....	3,914	3,641	2,753	10,308	140	10,447
Manitoba .....	x	—	x	x	—	x
Saskatchewan .....	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—
British Columbia .....	x	x	x	x	—	x
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	11,411	10,441	5,827	27,679	213	27,891

TABLE 11. Purchased Fuel and Electricity Used in Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines .....	ton	1,561	250	4
(b) Imported .....	"	24,558	22,055	288
Sub-bituminous coal (from Alberta mines only) .....	"	—	—	—
Anthracite coal .....	"	178	910	14
Lignite coal .....	"	—	—	—
Coke .....	"	—	—	—
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	76,683	95,004	39
Fuel oil including kerosene or coal oil .....	"	4,019,432	4,989,684	445
Wood .....	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	61,173	32,515	13
(b) Other manufactured gas .....	M cu. ft.	—	—	—
(c) Natural gas .....	"	36,140	37,171	36
Other fuel .....	...	...	...	...
Electricity purchased .....	kwh.	75,653,217	86,183,592	683
Steam purchased .....	...	10	...	5
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	35	...	44
3. All establishments:				
Total fuel and electricity used .....	...	1,475	...	1,570

TABLE 12. Materials and Supplies - Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Fibres:				
Cotton, raw.....	180,000	49	225,000	65
Man-made fibre, tow and tops .....	4,948,903	3,406	6,222,530	4,373
Wool:				
Canadian grown (clean) .....	1,978,993	1,519	2,454,847	2,063
Imported (clean).....	8,147,291	6,895	7,492,901	6,635
Noils .....	1,700,576	978	1,843,755	1,230
Tops, wool.....	6,750,324	10,512	6,909,766	11,183
Other raw stocks (rags and clips, waste, etc.).....	6,811,640	2,808	7,870,165	3,338
Yarns:				
Filament yarns, all types.....	477,132	729	652,833	939
Spun yarns, all types.....	...	8,983	...	10,620
All other materials and components used <sup>1</sup> .....	...	3,665	...	4,272
2. Containers and other packaging materials and supplies used .....	...	394	...	531
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	3,191	...	3,860
4. Amount paid out to others for work done on materials owned by establishments .....	...	2,852	...	2,605
<b>Totals .....</b>	<b>...</b>	<b>45,982</b>	<b>...</b>	<b>51,715</b>

<sup>1</sup>No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$546,692 in 1963 and \$688,348 in 1964.

TABLE 13. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$' 000	lbs.	\$' 000
1. Products:				
Woven fabrics, all types .....	...	69,518	...	76,376
Woven goods.....	...	3,964	...	4,406
Yarns sold, all types .....	5,768,104	8,200	7,249,139	9,513
All other products .....	...	1,607	...	1,754
2. Amount received in payment for work done on materials and products owned by others .....	...	2,698	...	3,222
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above.....	...	(36)	...	(5)
<b>Total adjusted value of shipments and work done .....</b>	<b>...</b>	<b>85,970</b>	<b>...</b>	<b>95,267</b>

**List of Establishments classified to This Industry, 1964**

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

Name	Location
<b>New Brunswick:</b>	
Copp Woollen Mills Ltd. .... Cottage Craft..... Humphrey & Son Ltd., J.A. .... Loom Crofters, The ..... St. Andrews Woollens.....	Port Elgin St. Andrews 6 Martin St., Moncton Gagetown Douglas St., St. Andrews
<b>Quebec:</b>	
Albany Felt Co. of Canada Ltd. .... Chassé & Fils Ltée., Charles ..... Cleyn & Tinker Ltd..... Cookshire Woollen Mills Ltd. .... Dominion Ayers Limited ..... Duval & Raymond Inc. .... Eastern Woollen & Worsted Mills Ltd..... Filature Plessis Ltée ..... General Knitting Corporation ..... Huntingdon Woollen Mills Ltd. .... Karen Bulow Ltd. .... La Filature de l'Isle-Verte Ltée ..... Le Moulin Blanc Inc. .... Les Lainages Victor Ltée..... Levasseur, Conrad ..... Little Shop Inc. .... Lockport - Warwick Felts Ltd. .... Montreal Woollens Ltd. .... Montrose Worsted Mills Inc. .... Paton Manufacturing Co. Ltd. .... Pik Mills Ltd. .... Scapa Dryers (Canada) Ltd. .... Sheard & Co. Ltd., George ..... St. George Woollen Mills Ltd. .... Textile Ste-Anne Ltée ..... Textile Weavers Limited ..... Warwick Woollen Mills Co. Ltd. ....	Westmount, Cowansville Ste-Marie-de-Beauce Huntingdon Rue Principale, Cookshire Lachute, Argenteuil Co. 11, rue St-Jacques, Princeville 301-12th Ave., Richelieu Plessisville 7080 St. Alexandra St., Montreal Huntingdon 2182 St. Catherine St. W., Montreal Isle-Verte La Guadeloupe St-Victor-de-Beauce Rue de l'Eglise, St-Eleuthère Pointe-au-Pic 1 Lee Blvd., Warwick 313 Broadway, Montreal East 201 St. Antoine St. N., Granby 19 Belvedere St. N., Sherbrooke 275 St-Sacrement Ave., Quebec Joliette 84 Merrill St., Coaticook 20th St., Ville St-Georges-de-Beauce Rue de l'Hôtel-de-Ville, Rigaud 900-7th Ave., Grand-Mère 200 St. Louis St., Warwick
<b>Ontario:</b>	
Artex Woollens Ltd. .... Barrymore Cloth Co. Ltd. .... Brook Woollen Co. of Simcoe Ltd., The ..... Campbellford Cloth Co. Ltd. .... Canada Hair Cloth Co. Ltd. .... Clearview Textiles Ltd. .... Collie Woollen Mills Ltd. .... Dominion Woollens & Worsteds (1959) Ltd. .... Downs, Coulter & Co. (Canada) Ltd..... Fromm Bros. Ltd. .... Globe Mills Ltd. .... Held Brothers (Canada) Ltd. .... Kenwood Mills, Division Huyck Canada Ltd. .... Porritt & Spencer (Canada) Ltd. .... Tayside Textiles Ltd. .... Textiles of Renfrew Limited ..... Zephyr Textiles Ltd. (Rosamond Division) .....	25 Sheffield St., Hespeler 1179 King St. W., Toronto 76 Victoria St., Simcoe Campbellford 198 St. Paul St., St. Catharines 685 Hespeler Road, Galt Appleton 215 Queen St. W., Hespeler 107 Wragge St., Trenton 291 Elgin St. N., Galt Sykes St., Meaford Cataragui St., Kingston William St., Arnprior 240 Lottridge St., Hamilton Perth 200 Stewart St., Renfrew Mary St., Almonte
<b>Manitoba:</b>	
Brandon Woollen Mills Co. Ltd. .... Custom Woollen Mills.....	6th & Assiniboine Ave., Brandon Sifton
<b>British Columbia:</b>	
Lockport Pacific Limited ..... Spider Looms Limited ..... West Coast Woollen Mills Limited .....	200 Donaghy Avenue, North Vancouver 5560 Lincoln St., Vancouver 440/520 Clark Drive, Vancouver



# 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 56 (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 140 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 various 1963 reports reflect the complete implementation of these changes and enable comparisons to be made with the years 1961 and 1962. 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".

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010755716