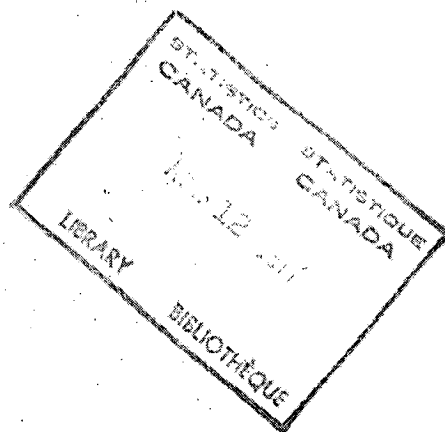


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ANNUAL



# NARROW FABRIC MILLS

1965

## ANNUAL CENSUS OF MANUFACTURES

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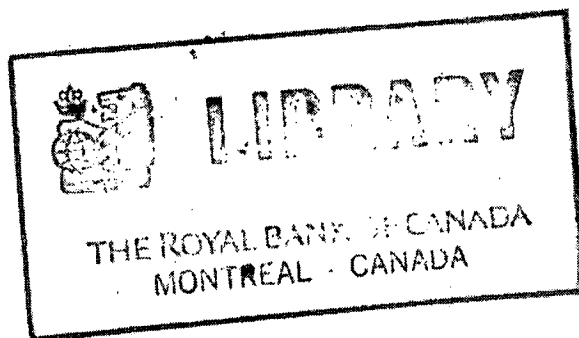
## NARROW FABRIC MILLS

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In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in manufacturing narrow fabrics, such as woven tapes, ribbons and bindings, elastic cord, lacing, elastic and non-elastic webbing".

Table 12 shows in detail the materials and supplies used in manufacturing, whereas Table 13 shows the shipments of goods of own manufacture in general detail only in order to present the shipments of certain selected narrow fabric products by all industries in Table 14.

A list of the establishments classified to this 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.
- ▴ preliminary figures.
- \* revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961 - 65

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals .....	47	1,858	4,336	5,075	290	10,929	23,539	12,389	18	83	2,360	6,992	12,454
1962													
Totals .....	49	2,009	4,389	5,794	296	13,158	27,728	14,616	19	102	2,458	7,670	14,852
1963													
Totals .....	45	2,085	4,716	6,369	283	14,594	28,236	13,801	20	253	2,360	7,876	14,151
1964													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec .....	33	1,815	4,148	5,814	269	13,777	27,019	13,110	x	x	2,073	7,289	13,359
Ontario .....	12	x	x	x	x	x	x	x	x	x	x	x	x
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	46	2,262	5,069	6,983	308	16,064	31,990	15,859	22	229	2,579	8,823	16,092
1965													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	1	x	x	x	x	x	x	x	-	-	x	x	x
Quebec .....	33	1,873	4,193	6,093	282	15,138	29,569	14,503	x	x	2,135	7,652	14,938
Ontario .....	13	x	x	x	x	x	x	x	x	x	x	x	x
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	47	2,328	5,137	7,392	331	17,343	34,545	17,207	21	223	2,616	9,285	17,625

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	5	10	22	27	2	19	53	33	6	9	11	34	32
\$ 10,000 to \$ 24,999	8	31	67	76	2	146	315	156	7	29	37	88	156
25,000 " 49,999	3	19	39	49	3	105	242	121	2	22	23	61	121
50,000 " 99,999	5	58	126	146	7	426	814	385	—	—	72	213	418
100,000 " 199,999	10	241	524	647	29	1,448	3,219	1,746	4	32	289	985	1,740
200,000 " 499,999	9	485	1,040	1,293	79	2,636	5,963	3,289	3	136	570	1,824	3,650
500,000 " 999,999	6	1,418	3,251	4,748	185	11,285	21,383	10,129	—	—	1,577	5,599	10,075
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	46	2,262	5,069	6,983	308	16,064	31,990	15,859	22	229	2,579	8,825	16,092
1965													
Under \$10,000	4	5	9	11	1	9	36	27	6	10	5	12	27
\$ 10,000 to \$ 24,999	7	29	66	76	5	97	268	160	5	24	32	84	160
25,000 " 49,999	3	15	33	38	3	85	217	128	5	33	16	40	128
50,000 " 99,999	8	76	164	198	9	646	1,211	552	—	—	96	303	559
100,000 " 199,999	10	252	543	696	34	1,490	3,281	1,807	2	12	297	1,041	1,798
200,000 " 499,999	9	519	1,083	1,416	76	3,193	7,063	3,612	3	144	601	1,938	4,202
500,000 " 999,999	6	1,432	3,237	4,915	203	11,823	22,469	10,720	—	—	1,599	5,867	10,751
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	47	2,328	5,137	7,352	331	17,343	34,545	17,207	21	223	2,646	9,285	17,625

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	5	6	12	14	—	29	77	27	6	9	9	22	27
\$ 10,000 to \$ 24,999	6	29	64	73	3	105	205	106	3	15	33	85	106
25,000 " 49,999	5	25	52	64	4	135	328	177	6	36	29	77	177
50,000 " 99,999	5	53	115	131	8	555	939	378	2	12	63	198	411
100,000 " 199,999	8	162	361	386	33	1,532	2,626	1,095	2	20	200	622	1,098
200,000 " 499,999	10	492	1,051	1,259	69	2,321	5,798	3,419	3	136	579	1,857	3,675
500,000 " 999,999	3	336	760	1,117	54	2,156	4,523	2,170	—	—	410	1,419	2,162
1,000,000 " 4,999,999	4	1,159	2,654	3,940	137	9,231	17,493	8,486	—	—	1,256	4,546	8,447
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	46	2,262	5,069	6,983	308	16,064	31,990	15,859	22	229	2,579	8,825	16,092
1965													
Under \$10,000	3	2	2	3	1	5	19	13	5	5	2	3	13
\$ 10,000 to \$ 24,999	5	15	32	37	1	76	169	89	4	18	17	40	89
25,000 " 49,999	9	49	106	129	9	412	771	343	9	57	54	150	342
50,000 " 99,999	5	49	109	129	7	444	811	354	—	—	61	201	361
100,000 " 199,999	7	131	304	353	22	1,166	2,177	1,035	—	—	165	577	1,031
200,000 " 499,999	11	580	1,203	1,487	80	3,309	7,485	4,124	3	144	667	2,094	4,491
500,000 " 999,999	7	1,502	3,380	5,214	210	11,931	23,114	11,249	—	—	1,680	6,220	11,298
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	47	2,328	5,137	7,352	331	17,343	34,545	17,207	21	223	2,646	9,285	17,625

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	3	6	12	14	---	29	77	27	6	8	9	22	27
\$ 10,000 to \$ 24,999	6	29	64	73	3	105	205	106	3	15	33	85	105
25,000 " 49,999	5	25	52	64	4	135	328	177	6	36	29	77	177
50,000 " 99,999	5	53	115	131	8	555	939	378	2	12	63	186	411
100,000 " 199,999	8	162	361	386	33	1,532	2,626	1,095	2	20	200	622	1,088
200,000 " 499,999	9	426	929	1,091	64	2,027	5,069	2,965	3	136	495	1,562	2,996
500,000 " 999,999	4	402	881	1,285	59	2,451	5,252	2,624	—	—	494	1,714	2,839
1,000,000 " 4,999,999	3	1,159	2,654	3,240	137	8,231	17,493	8,486	—	—	1,256	4,546	8,447
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	46	2,262	5,069	6,983	308	16,064	31,990	15,859	22	229	2,579	8,825	16,092
1965													
Under \$10,000	3	3	2	3	1	5	19	13	5	5	2	3	13
\$ 10,000 to \$ 24,999	5	15	32	37	1	76	169	89	4	18	17	40	89
25,000 " 49,999	9	49	108	129	9	412	771	343	9	57	54	150	342
50,000 " 99,999	5	49	109	129	7	444	811	354	—	—	61	201	361
100,000 " 199,999	7	131	304	353	22	1,166	2,177	1,035	—	—	185	577	1,031
200,000 " 499,999	9	433	887	1,075	55	2,666	5,898	3,137	3	144	496	1,536	3,262
500,000 " 999,999	4	327	716	1,118	41	1,890	4,135	2,307	—	—	392	1,466	2,651
1,000,000 " 4,999,999	5	1,322	2,980	4,508	103	10,684	20,575	9,908	—	—	1,469	5,313	9,875
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	47	2,328	5,137	7,352	331	17,343	34,545	17,207	21	223	2,646	9,285	17,625

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	7	10	21	27	1	50	140	84	9	25	11	29	84
5 - 14 employed	14	86	189	232	10	720	1,371	621	8	47	107	322	653
15 - 49 " 24,999	11	265	592	696	39	1,856	3,901	2,060	2	20	329	1,131	2,049
50 - 99 " 49,999	8	483	1,017	1,292	73	2,154	5,194	2,964	3	130	555	1,744	3,231
100-199 " 99,999	6	1,418	3,251	4,746	185	11,295	21,383	10,129	—	—	1,577	5,599	10,075
200-499 " 499,999													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	46	2,262	5,069	6,983	308	16,064	31,990	15,859	22	229	2,579	8,825	16,092
1965													
Under 5 employed	7	12	22	26	2	66	153	84	9	23	13	28	84
5 - 14 employed	14	85	191	250	15	850	1,595	722	9	57	100	336	728
15 - 49 " 49,999	12	276	629	745	40	1,963	4,276	2,278	—	—	343	1,206	2,352
50 - 99 " 99,999	8	523	1,058	1,416	71	2,641	6,053	3,403	3	144	591	1,849	3,710
100-199 " 499,999	6	1,432	3,237	4,915	203	16,823	22,469	10,720	—	—	1,599	5,867	10,751
200-499 " 999,999													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	47	2,328	5,137	7,352	331	17,343	34,545	17,207	21	223	2,646	9,285	17,625

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 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	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Individual ownerships .....	8	26	55	67	3	125	320	163	8	49	28	70	183
Partnerships .....	7	60	167	191	7	706	1,398	683	14	180	88	237	689
Incorporated companies .....	31	2,156	4,848	6,725	298	15,233	30,271	14,992	...	...	2,463	8,518	15,220
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals .....	46	2,262	5,069	6,983	308	16,064	31,990	15,859	22	229	2,579	8,825	16,092
1965													
Individual ownerships .....	9	30	65	76	4	132	365	227	9	56	32	80	227
Partnerships .....	6	68	130	153	7	614	1,128	503	12	187	76	197	507
Incorporated companies .....	32	2,230	4,942	7,123	320	16,597	33,052	16,478	...	...	2,538	9,008	16,891
Co-operatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals .....	47	2,328	5,137	7,352	331	17,343	34,545	17,207	21	223	2,646	9,285	17,625

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 .....	31,990	34,545	1,268	1,690	33,258	36,235
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	1,300	1,547	...	...	1,300	1,547
Finished goods .....	2,726	2,798	...	...	2,726	2,798
Deduct opening—Goods in process .....	1,237	1,321	...	...	1,237	1,321
Finished goods .....	2,547	2,689	...	...	2,547	2,689
2. Net inventory change .....	242	335	...	...	242	335
3. Gross output (1 + 2) .....	32,232	34,880	1,268	1,690	33,500	36,570
Input						
4. Purchases of goods not of own manufacture .....	...	...	1,071	1,078	1,071	1,078
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	47	205	47	205
Deduct closing .....	...	...	205	115	205	115
5. Cost of goods sold (net of own manufacture) .....	...	...	913	1,168	913	1,168
6. Materials, supplies, etc. ....	16,064	17,343	120	104	16,184	17,447
7. Fuel and electricity .....	308	331	...	...	308	331
8. Gross input (5 + 6 + 7) .....	16,372	17,674	1,033	1,272	17,405	18,946
Value added (3 - 8) .....	15,859	17,207	235	418	16,092	17,625



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		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
	number										\$'000				
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Quebec	1,091	724	-	-	127	93	36	2	1,254	819	5,814	-	1,151	325	7,289
Ontario	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,200	1,062	-	-	158	112	45	2	1,403	1,176	6,983	-	1,484	358	8,823
1965															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	x	x	-	-	x	x	-	-	x	x	x	-	x	-	x
Quebec	1,121	752	-	-	129	94	38	1	1,288	847	6,093	-	1,208	351	7,652
Ontario	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,244	1,084	-	-	162	114	41	1	1,447	1,199	7,352	-	1,564	369	9,283

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	1,189	1,008	1,263	1,074
February	1,196	1,037	1,257	1,079
March	1,199	1,046	1,274	1,095
April	1,191	1,032	1,273	1,095
May	1,177	1,032	1,236	1,084
June	1,180	1,061	1,217	1,113
July	1,174	1,052	1,222	1,064
August	1,204	1,114	1,245	1,079
September	1,221	1,090	1,258	1,075
October	1,214	1,096	1,264	1,099
November	1,223	1,092	1,232	1,078
December	1,225	1,092	1,183	1,058
Averages	1,200	1,062	1,244	1,084
Establishments reporting annual averages (small establishments only)	...	...	...	...
Average for all establishments	1,200	1,062	1,244	1,084

TABLE 10. Inventories, 1965

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—
New Brunswick .....	x	x	x	x	—	x
Quebec .....	2,106	1,088	2,301	5,495	205	5,699
Ontario .....	x	x	x	x	—	x
Manitoba .....	—	—	—	—	—	—
Saskatchewan .....	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—
British Columbia .....	—	—	—	—	—	—
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	2,400	1,321	2,689	6,410	205	6,614
Closing:						
Newfoundland .....	—	—	—	—	—	—
Prince Edward Island .....	—	—	—	—	—	—
Nova Scotia .....	—	—	—	—	—	—
New Brunswick .....	x	x	x	x	—	x
Quebec .....	2,213	1,301	2,442	5,956	115	6,071
Ontario .....	x	x	x	x	—	x
Manitoba .....	—	—	—	—	—	—
Saskatchewan .....	—	—	—	—	—	—
Alberta .....	—	—	—	—	—	—
British Columbia .....	—	—	—	—	—	—
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	2,572	1,547	2,798	6,917	115	7,032

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

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines .....	ton	—	—	—
(b) Imported .....	2,740	39	2,792	39
Sub-bituminous coal (from Alberta mines only) .....	—	—	—	—
Anthracite coal .....	110	2	110	2
Lignite coal .....	—	—	—	—
Coke .....	—	—	—	—
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	22,222	25,807	11
Fuel oil including kerosene or coal oil .....	1,023,801	104	1,093,806	106
Wood .....	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	11,835	9,618	4
(b) Other manufactured gas .....	M cu. ft.	—	—	—
(c) Natural gas .....	—	6,276	6,087	7
Other fuel .....	—	—	—	—
Electricity purchased .....	kwh.	7,683,778	8,621,796	149
Steam purchased .....	—	—	—	—
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	—	10	—	13
3. All establishments:				
Total fuel and electricity used .....	—	308	—	331

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

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used:				
Yarns:				
Rayon (continuous filament) .....	lb. 3,046,471	2,414	3,472,503	2,681
Spun rayon (including spun rayon mixtures) .....	" 449,698	399	248,511	255
Nylon .....	" 1,844,645	4,157	2,214,081	4,752
Cotton .....	" 4,181,021	3,711	4,239,578	3,857
Mohair .....	" 3,069	12	—	—
Worsted and woollen .....	" 15,716	45	50,000	100
Rubber .....	" 730,525	1,245	714,143	1,269
Fiberglass .....	" 213,498	139	271,074	183
Woven fabrics:				
Cotton .....	yd. 570,826	269	1,334,841	533
Rayon .....	" ..	192	...	189
Chemicals .....	" ..	124	...	40
Dyes .....	" ..	249	...	287
Boxes and labels .....	" ..	235	...	289
All other materials and components <sup>1</sup> .....	" ..	1,941	...	1,928
2. Containers and other packaging materials and supplies used .....	" ..	249	...	274
3. Operating, maintenance and repair supplies used (excluding fuel) .....	" ..	535	...	544
4. Amount paid out to others for work done on materials owned by establishments .....	" ..	149	...	163
Totals .....	" ..	16,064	...	17,343

<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 \$692,788 in 1964 and \$759,243 in 1965.

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

Description	Value	
	1964	1965
	\$'000	
1. Products:		
Braided items:		
Non-elastic:		
Shoelaces, cotton .....	1,367	1,658
Elastic:		
Braids, cotton .....	320	375
Braids, other .....	1,520	—
Woven items:		
Labels, woven and printed .....	1,425	1,449
All other products .....	28,552	30,771
2. Amount received in payment for work done on materials and products owned by others .....	325	293
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	(—)	(—)
Total adjusted value of shipments and work done .....	31,990	34,045

<sup>1</sup> 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	Value	
	1964	1965 <sup>D</sup>
	\$'000	
<b>Braided Items:</b>		
Non-elastic:		
Shoelaces, all types.....	1,691	1,969
Braids, cotton.....	641	791
Braids, man-made fibre.....	527	1,134
Braids, other.....	248	
Elastic:		
Braids:		
Cotton.....	320	375
Other.....	1,520	1,415
<b>Woven items:</b>		
Non-elastic:		
Labels, woven and printed.....	1,425	1,848
Tapes and webbing:		
Cotton.....	3,122	2,976
Other.....	1,205	1,147
Elastic:		
Tapes and webbing:		
Cotton.....	4,745	4,976
Man-made fibre and mixtures with other fibres.....		
Ribbons:		
Woven.....	2,035	2,417
Slit and non-woven.....	689	1,030
<b>Slit fabrics (excluding slit ribbons):</b>		
Tapes, bindings, bias bindings and all slit fabrics:		
Cotton.....	1,863	3,032
Other.....	1,315	1,686
<b>Cords, other than braided.....</b>	233	277
<b>Trimmings (including tassels, fringes, etc.).....</b>	568	1,342

**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
<b>New Brunswick:</b>	
St. Stephen Textiles Ltd. ....	268 Water St., St. Stephen
<b>Quebec:</b>	
Apex Elastic Mills Reg'd. ....	9228 St. Lawrence Blvd., Montreal
Atlen Mills Inc. ....	1435 St. Alexander St., Montreal
Beacon Ribbon Mills Ltd. ....	Valleyfield
Beaver Mfg. Co. ....	Drummondville
Belding-Corticeil Ltd. ....	Coaticook
Belding-Corticeil Ltd. ....	1790 Canal St., Montreal
Braided Products Ltd. ....	500 Sauvé St. West, Montreal
Burlington Industries (Canada) Ltd. ....	Dorchester St., Granby
Calho Mills Ltd. ....	146 Bates Rd., Montreal
Canadian Cord & Tassel Co. ....	7905 Provencher St., St-Léonard
Caristrap Corporation ....	1760 Fortin Blvd., Chomedey
Cash's Canada Labels Ltd. ....	2120 Cabot St., Montreal 20
Conso of Canada Ltd. ....	428 Guy St., Montreal
Crown Binding Reg'd. ....	9615 Papineau St., Montreal
Dominion Binding Ltd. ....	426 St. Helen St., Montreal
Dominion Cord & Tassel (1956) Ltd. ....	7905 Provencher St., St-Léonard
Donahue Corporation of Canada Ltd. ....	1800 Moreau St., St-Hyacinthe
Footwear Findings of Canada Ltd. ....	Cowansville
Gibbons Zipper Textiles Ltd. ....	St-Joseph de St-Hyacinthe
Granby Elastic & Textiles Ltd. ....	100 Denison St., Granby
Herco Label Reg'd. ....	2112 St-Hubert St., Montreal 24
Jace Tapes Inc. ....	2975 Cartier St., St-Hyacinthe
Kenrod Mfg. Co. ....	5149 Marquette St., Montreal
Lesnoff, Samuel & Co. Ltd. ....	6535 Waverley St., Montreal
M & A Sales Reg'd. ....	5320 Mount Royal, Montreal
Naipac Co., The ....	2260 Aird Ave., Montreal
Narrow Fabrics Ltd. ....	2190 Préfontaine St., Montreal
National Tape Co. ....	369 Lebrun Ave., Montreal
Novelty Trimming & Embroidery Co. Ltd. ....	1435 Bleury St., Montreal
Roll Fabric Binding Inc. ....	7070 St-Urbain St., Montreal 10
Shabean Binding Reg'd. ....	60 Jean Talon St. W., Montreal
Tex-Craft Tape Inc. ....	740 St-Maurice St., Montreal
Textile Bindings Inc. ....	3981 St. Lawrence Blvd., Montreal
Treeford Ltd. ....	2055 Peel St., Montreal
<b>Ontario:</b>	
Braids & Laces Ltd. ....	33 Sherbourne St., Toronto 2
Buckley Trimming Mfg. Co. ....	37-41 Britain St., Toronto 2
Canadian Cord and Tassel Co. ....	200 Adelaide St. W., Toronto
Colonial Weaving Co. Ltd. ....	Rink & Rubidge Sts., Peterborough
Cornforth, P.J. Co., The ....	73 Bathurst St., Toronto
Cowls, H.V. Co. Ltd. ....	43 Sheppard Ave. E., Willowdale
Hamilton Cotton Co. Ltd. (Narrow Fabric Weaving), The ....	304 Mary St. N., Hamilton
Hancock, George Textiles Ltd. ....	76 Spruce St., Galt
Peterboro Elastic Co. ....	Rink & Rubidge Sts., Peterborough
Peters Braid Mfg. Co. ....	263 Adelaide St. W., Toronto
Shannon, Wm. Co. Ltd. ....	600 King St. W., Toronto
Textile Mfg. Co. Ltd. ....	1364 Dufferin St., Toronto
Waistband and Bias Products ....	613 King St. W., Toronto

# CONCEPTS AND DEFINITIONS

## Census of Manufactures

### General

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

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

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

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

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

### Establishment

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

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

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

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

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

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

#### Head Offices and Auxiliary Units

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

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

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

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

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

#### Employees

##### (a) Production and related workers — Manufacturing activities

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

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

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

### **(c) Administrative and office employees**

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

### **(d) Sales and distribution workers**

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

### **(e) Total Employees**

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

### **Working Owners or Partners**

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

### **Salaries and Wages**

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

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

### **Fuel and Electricity**

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

### **Materials and Supplies**

#### **(a) Manufacturing activities**

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

#### **(b) Non-manufacturing activities**

##### **1. Purchases for re-sale as such**

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

##### **2. Other materials and supplies used**

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

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

## Shipments

### (a) General

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

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

### (b) Shipments of goods of own manufacture

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

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

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

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

### (c) Shipments of goods not of own manufacture

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

### (d) Other revenue

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

## Inventories

### (a) Manufacturing activities

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



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

**(b) Non-manufacturing activities**

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

**Value Added**

**(a) By manufacturing activities**

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

**(b) By non-manufacturing activities**

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

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

**(c) By Total activities**

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

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