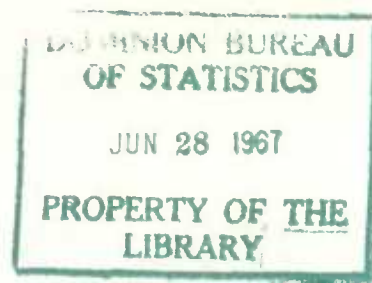


C3
CATALOGUE No.

34-221

ANNUAL



CARPET, MAT AND RUG INDUSTRY

1965

ANNUAL CENSUS
OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

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June 1967
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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 Publications Distribution, Dominion Bureau of Statistics, Ottawa or from the Queen's Printer, Hull, P.Q.

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Q — Quarterly

M — Monthly

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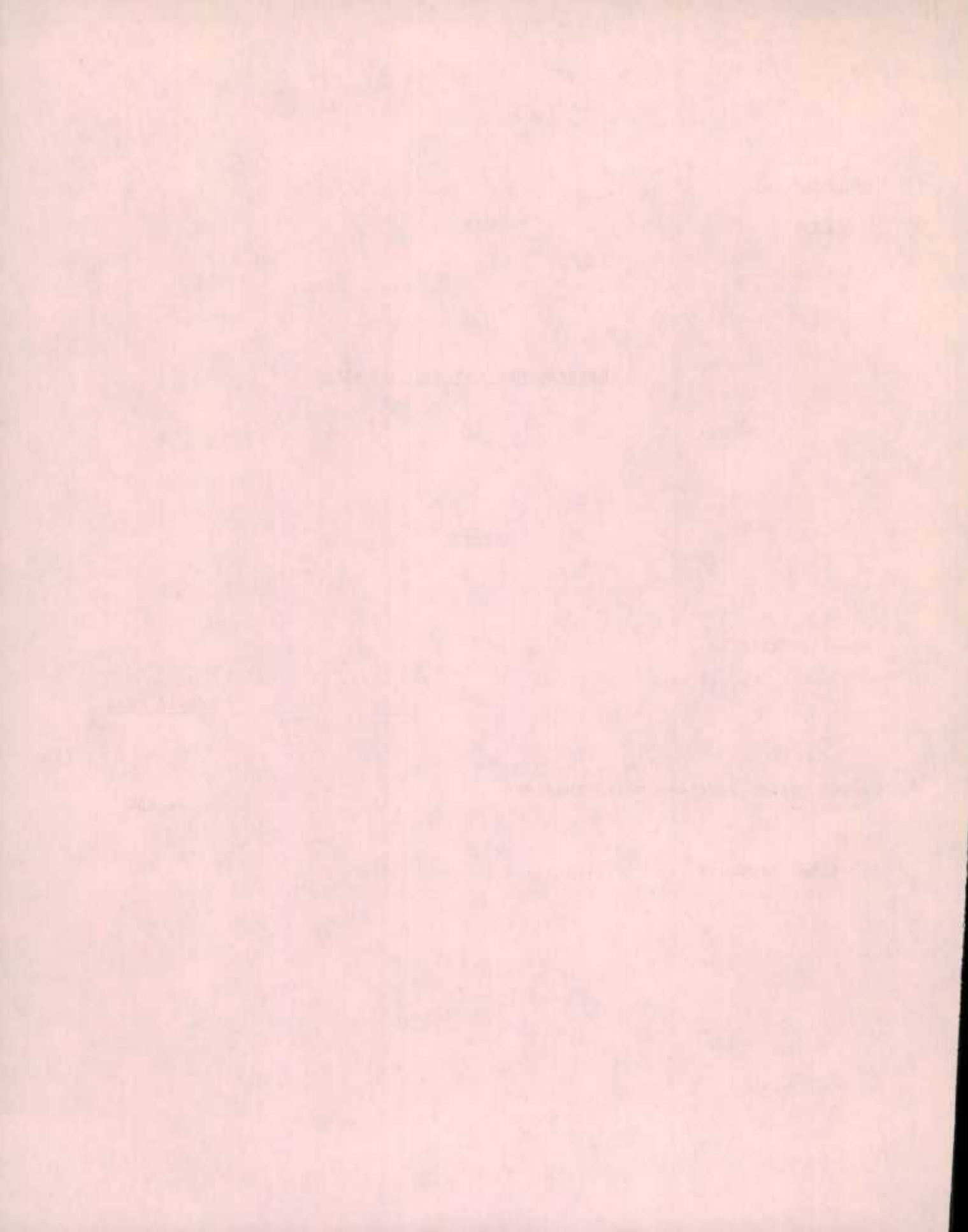
Carpet, Mat and Rug Industry

1965

ERRATA

Page 11, Table 13

	<u>Reads</u>	<u>\$'000</u>	<u>Should read</u>
Carpet rolls, squares, mats, rugs and runners	77,580		76,430
All other products	2,311		3,461



CARPET, MAT AND RUG INDUSTRY

1965

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 manufacturing carpets and rugs of wool, cotton, or synthetic materials; jute and cocoa fibre mats and matting; and rag carpets and rugs".

As will be noted from most of the tables in this report relating to the industry proper, there was a sizeable increase in activity from 1964 to 1965. Since many establishments not classified to this industry continued to produce carpets, etc., in 1965, as in previous years, the 1965 shipments by the industry proper have been shown in Table 13 with minimum detail. On the other hand, Table 14 presents the shipments of these commodities by all industries for 1964 and 1965, this table shows not only a great increase in the total shipments, but also the continued domination of the "Carpets and rolls, including stair" group by the tufted category.

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

TABLE 1. Principal Statistics, 1961-65

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals.....	15	1,418	3,038	4,188	466	17,607	29,314	11,442	-	-	1,765	6,123	11,401
1962													
Totals.....	16	1,472	3,193	4,642	461	22,810	37,143	14,595	x	x	1,834	6,745	14,773
1963													
Totals.....	17	1,742	3,642	5,446	499	26,262	41,952	16,252	3	40	2,108	7,659	16,223
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	6	x	x	x	x	x	x	x	-	-	x	x	x
Ontario	12	1,341	2,796	4,792	408	23,365	37,312	15,191	4	36	1,683	6,876	15,311
Manitoba.....	3	x	x	x	x	x	x	x	-	-	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	21	1,927	4,263	6,586	554	34,193	53,049	20,407	4	36	2,351	9,207	20,534
1965													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	1	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	9	x	x	x	x	x	x	x	-	-	x	x	x
Ontario	13	1,378	2,831	4,990	463	25,865	43,298	17,523	3	1	1,748	7,403	17,874
Manitoba.....	2	x	x	x	x	x	x	x	-	-	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,822

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	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	4	23	52	59	1	112	207	96	2	2	28	81	99
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	7	160	365	486	25	1,972	3,025	1,234	—	—	199	720	1,373
500,000 " 999,999													
1,000,000 " 4,999,999	7	681	1,474	2,553	155	12,849	19,816	7,393	2	35	822	3,424	7,454
5,000,000 and over	3	1,063	2,372	3,488	374	19,260	30,001	11,684	—	—	1,302	4,982	11,608
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	21	1,927	4,263	6,586	554	34,193	53,049	20,407	4	36	2,351	9,207	20,534
1965													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	3	12	29	35	1	43	95	52	3	1	14	39	52
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	4	92	197	246	8	424	993	563	—	—	112	342	561
500,000 " 999,999													
1,000,000 " 4,999,999	3	89	192	278	18	1,673	2,318	695	—	—	127	485	1,056
5,000,000 and over	11	858	1,879	3,320	235	20,507	30,900	10,999	—	—	1,028	4,381	11,004
Head offices, sales offices and auxiliary units	4	1,670	3,488	5,914	530	25,015	45,576	21,154	—	—	2,054	8,274	21,149
...
Totals	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,842

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	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	5	34	79	103	3	366	490	134	2	2	43	140	135
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	6	264	581	909	54	6,876	9,205	2,655	—	—	328	1,403	2,680
500,000 " 999,999													
1,000,000 " 4,999,999	6	1,564	3,459	5,394	486	25,249	41,141	17,128	—	—	1,893	7,389	17,080
5,000,000 and over .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	21	1,927	4,263	6,586	554	34,193	53,049	20,407	4	36	2,351	9,207	20,534
1965													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	3	12	29	35	1	43	95	52	3	1	14	39	52
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	7	227	524	749	51	5,701	7,137	1,997	—	—	284	1,096	2,330
500,000 " 999,999													
1,000,000 " 4,999,999	4	189	405	782	43	7,740	10,558	2,872	—	—	241	1,096	2,806
5,000,000 and over	8	2,243	4,725	8,101	695	33,825	61,492	28,286	—	—	2,730	11,113	28,219
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,842

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	5	34	79	103	3	366	490	134	2	2	43	140	135
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999	3	57	125	145	10	1,427	1,853	414	2	35	71	202	409
200,000 " 499,999	7	272	599	943	56	7,151	9,565	2,731			344	1,476	2,910
500,000 " 999,999													
1,000,000 " 4,999,999	6	1,564	3,459	5,394	486	25,249	41,141	17,128			1,893	7,389	17,080
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	21	1,927	4,263	6,586	554	34,193	53,049	20,407	4	36	2,351	9,207	20,534
1965													
Under \$10,000	3	12	29	35	1	43	95	52	3	1	14	39	52
\$ 10,000 to \$ 24,999													
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999	3	50	102	126	2	353	600	256			66	177	254
200,000 " 499,999	6	217	498	700	49	5,122	6,333	1,767			254	927	1,742
500,000 " 999,999	5	199	431	831	45	8,319	11,362	3,102			271	1,265	3,484
1,000,000 " 4,999,999	8	2,243	4,725	8,101	695	33,825	61,492	28,286			2,730	11,113	28,289
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,822

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

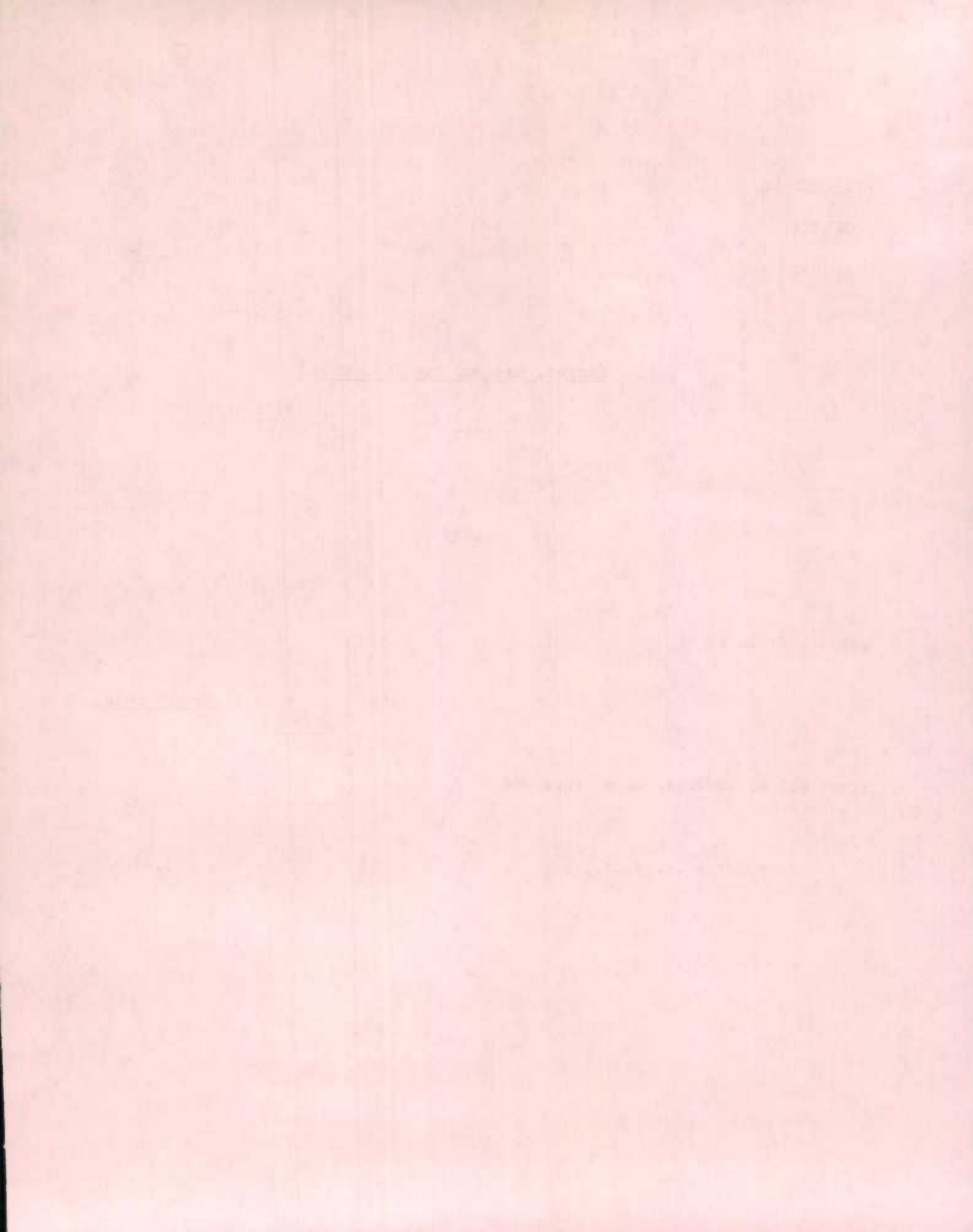
Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1964													
Under 5 employed	4	23	52	59	1	112	207	96	2	2	28	81	99
5 - 14 employed													
15 - 49 "													
50 - 99 "													
100 - 199 "	7	134	306	383	27	2,742	3,719	1,147	2	35	170	594	1,292
200 - 499 "	4	206	446	750	41	6,089	7,982	2,036			260	1,143	2,062
500 employed and over	6	1,564	3,459	5,394	486	25,249	41,141	17,128			1,893	7,389	17,080
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	21	1,927	4,263	6,586	554	34,193	53,049	20,407	4	36	2,351	9,207	20,534
1965													
Under 5 employed	3	12	29	35	1	43	95	52	3	1	14	39	52
5 - 14 employed													
15 - 49 "													
50 - 99 "													
100 - 199 "	10	275	620	907	58	7,618	9,615	2,623			346	1,321	2,983
200 - 499 "	4	191	411	750	38	6,176	8,680	2,502			243	1,047	2,498
500 employed and over	3	396	876	1,457	124	6,395	11,627	5,553			460	1,901	5,562
Head offices, sales offices and auxiliary units	5	1,847	3,848	6,644	571	27,430	49,865	22,734			2,270	9,212	22,727
Totals	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,822

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

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Individual ownerships	3	25	50	57	7	1,185	1,354	164	4	36	31	77	160
Partnerships													
Incorporated companies	18	1,902	4,213	6,529	548	33,007	51,695	20,243	...	...	2,320	9,130	20,374
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	21	1,927	4,263	6,586	554	34,193	53,049	20,407	4	36	2,351	9,207	20,534
1965													
Individual ownerships	-	-	-	-	-	-	-	-	-	-	-	-	-
Partnerships	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,822
Incorporated companies													
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	25	2,721	5,786	9,793	792	47,661	79,882	33,464	3	1	3,335	13,520	33,822

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	53,049	79,882	636	1,084	53,685	80,966
Inventories—Goods of own manufacture:						
Add closing—Goods in process	2,862	4,867	...	...	2,862	4,867
Finished goods	6,788	8,466	...	...	6,788	8,466
Deduct opening—Goods in process	2,613	3,969	...	...	2,613	3,969
Finished goods	4,931	7,328	...	...	4,931	7,328
2. Net inventory change	2,106	2,036	...	...	2,106	2,036
3. Gross output (1 + 2)	55,155	81,918	636	1,084	55,791	83,002
Input						
4. Purchases of goods not of own manufacture .....	...	...	512	505	512	505
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	41	176	41	176
Deduct closing .....	...	...	176	118	176	118
5. Cost of goods sold (not of own manufacture) .....	...	...	377	563	377	563
6. Materials, supplies, etc.	34,193	47,661	133	164	34,326	47,825
7. Fuel and electricity	554	792	...	...	554	792
8. Gross input (5 + 6 + 7)	34,747	48,453	510	727	35,257	49,180
Value added (3 - 8)	20,407	33,464	126	357	20,534	33,822



CATALOGUE No.

34-221

ANNUAL

Carpet, Mat and Rug Industry

1965

ERRATA

Page 11, Table 13

	<u>Reads</u>	<u>\$'000</u>	<u>Should read</u>
Carpet rolls, squares, mats, rugs and runners	77,580		76,430
All other products	2,311		3,461

TABLE 8. Employment and Payroll, 1964 and 1965

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Admin- istra- tive and office	Sales and distri- bution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Ontario	943	398	-	-	199	85	46	12	1,188	495	4,792	-	1,758	326	6,876
Manitoba	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,317	610	-	-	233	123	56	12	1,606	745	6,586	-	2,219	403	9,207
1965															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Ontario	950	428	-	-	220	89	45	16	1,215	533	4,990	-	2,015	398	7,403
Manitoba	x	x	-	-	x	x	x	-	x	x	x	-	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,950	771	-	-	369	163	63	19	2,382	953	9,793	-	3,188	540	13,520

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	1,270	623	1,932	767
February	1,259	605	1,896	765
March	1,292	607	1,932	753
April	1,295	603	1,933	770
May	1,318	612	1,931	764
June	1,329	636	1,930	754
July	1,328	606	1,910	744
August	1,340	601	1,929	743
September	1,340	600	1,934	762
October	1,329	624	1,978	809
November	1,333	600	2,042	819
December	1,344	613	2,055	786
Averages	1,317	610	1,950	771
Establishments reporting annual averages (small establishments only)				
Average for all establishments	1,317	610	1,950	771

TABLE 10. Inventories, 1965

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	x	x	x	x	—	x
New Brunswick	—	—	—	—	x	—
Quebec	x	x	x	x	x	x
Ontario	3,650	2,682	5,502	11,834	129	11,964
Manitoba	x	x	x	x	—	x
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	6,226	3,969	7,328	17,524	176	17,699
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	x	x	x	x	x	x
New Brunswick	—	—	—	—	—	—
Quebec	x	x	x	x	x	x
Ontario	4,323	3,013	5,724	13,059	93	13,152
Manitoba	x	x	x	x	—	x
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	7,279	4,867	8,466	20,612	118	20,730

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	—	944	15
(b) Imported	"	5,599	4,270	55
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	—	—	—
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	42,376	48,128	21
Fuel oil including kerosene or coal oil	"	1,329,017	2,304,382	214
Wood	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	9,393	31,255	13
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	134,385	131,218	122
Other fuel .....	...	—	...	—
Electricity purchased	kwh.	15,822,281	27,711,822	316
Steam purchased .....	...	36	...	36
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	4	...	1
3. All establishments:				
Total fuel and electricity used .....	...	554	...	792

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

Description	1964		1965	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Yarns:				
Cotton	lb. 2,960,733	1,832	3,295,285	2,056
Nylon	" 2,601,869	3,824	4,506,082	6,259
Rayon	" 4,107,888	2,679	3,976,424	2,585
Wool	" 3,286,898	3,894	3,062,077	3,689
Jute	" 3,611,334	1,085	4,363,490	1,455
Wool and rayon	" 538,442	504	464,272	457
Wool and nylon	" 675,230	802	465,772	568
Other man-made fibres and blends	" 2,607,645	2,843	3,463,359	3,533
Other	" 13,619	10	125,834	55
Fibres:				
Wool, raw	" 2,352,760	2,511	1,672,353	1,559
Man-made fibre	" 3,867,096	3,172	14,476,396	6,398
Other	" -	-	1,932	2
Backing fabric, cotton	sq. yd. 5,702,475	1,340	6,368,995	1,496
Backing fabric, jute	" 22,863,506	3,931	33,426,836	5,803
Sewing thread	" ...	34	" ...	43
Cords, trimmings, etc.	" ...	35	" ...	46
Oils	" ...	25	" ...	30
Dyes	" ...	318	" ...	824
Chemicals	" ...	510	" ...	1,302
All other materials and components used ¹	" ...	3,578	" ...	7,945
2. Containers and other packaging materials and supplies used	" ...	458	" ...	617
3. Operating, maintenance and repair supplies used (excluding fuel)	" ...	774	" ...	910
4. Amount paid out to others for work done on materials owned by establishments	" ...	35	" ...	29
Totals	" ...	34,193	" ...	47,661

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$154,606 in 1964 and \$42,528 in 1965

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

Description	Value	
	1964	1965
	\$'000	
1. Carpet rolls, squares, mats, rugs and runners	49,622	77,580
All other products	3,426	2,311
2. Amount received in payment for work done on materials and products owned by others	-	2
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	-	(9)
Total adjusted value of shipments and work done	53,049	79,882

TABLE 14. Shipments of Selected Goods of Own Manufacture - All Industries, 1964 and 1965

(Includes shipments from other industries' which manufacture, as a secondary activity, the commodities listed)

Description	1964		1965	
	Quantity	Value	Quantity	Value
	sq. yd.	\$'000	sq. yd.	\$'000
Carpets in rolls, including stair:				
Axminster	} 1,814,334	12,484	1,709,215	13,000
Wilton				
Tapestry or velvet				
Tufted				
Other	-	-	2	39,998
Squares, mats and runners:				
All types	951,966	3,308	1,297,530	3,328
Automobile and other transportation carpets	} ...	9,274	1,622,523	7,979
Other carpets, mats and rugs				
Total shipments .....	...	67,484	...	76,766

¹ The manufacturing establishments, not classified to this industry but included in the above shipment totals for 1965 are as follows:

Quebec: Granby Elastic and Textiles Ltd., Granby
 Ontario: Cobourg Matting & Carpet Co. Ltd., Cobourg
 Dobbie Industries Ltd., The, Galt
 Dominion Rubber Co. Ltd., Kitchener

² Confidential: included in "Other carpets, mats and rugs". Reported for the first time in 1965.

List of Establishments classified to this Industry, 1965

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

Name	Location
Nova Scotia:	
Crossley Karastan Carpets Ltd.	435 Willow St., Truro
Quebec:	
Blackwood Morton & Sons (Canada) Ltd.	Labelle Blvd., Ste-Thérèse-de-Blainville
Chemcell (1963) Ltd. (Canadian Celanese Co. Div.)	Sorel
Collins & Aikman Ltd. (St-Jean Div.)	St-Jean
Consolidated Carpet Mfg. Ltd.	9501 Parkway Blvd., Ville d'Anjou
Delaware Mills Ltd.	130 McGill St., Montreal
Mon-Tex Mills Ltd.	699 St. Maurice St., Montreal
Ozite Corporation of Canada Ltd.	131 Collin St., St-Jean
Peerless Rug Co. Ltd.	Rue du Moulin, Actonvale
Peeters Textile Mills Ltd., The	Frontenac St., Granby
Ontario:	
Brinton Carpets Ltd.	Braidwood Ave., Peterborough and Lindsay
Caravelle Carpets Ltd.	Montreal Rd., Cornwall
Empire Rug Mills Ltd.	Frank St., St. Catharines
Harding Carpets Ltd.	Morrell St., Brantford
Harding Carpets Ltd.	83 Neeve St., Guelph
J. & S. Mats	172 Toryork St., Windsor
Kraus Carpet Mills Ltd.	152 Birch Ave., Kitchener
Niagara Rug Co. Ltd.	580 Victoria Ave., Niagara Falls
Templeton Sur-Lok Ltd.	7 Meridian Rd., Rexdale
Toronto Carpet Mfg. Co. Ltd.	1179 King St. W., Toronto
Universal Carpet Mills Ltd.	2424 Finch Ave., Weston
Welland Domestics Co.	593 King St., Welland
Manitoba:	
Capital Carpet Co.	701 Wellington Ave., Winnipeg
Rainbow Rug Co. Ltd.	149 Portage Ave. E., Winnipeg

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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