

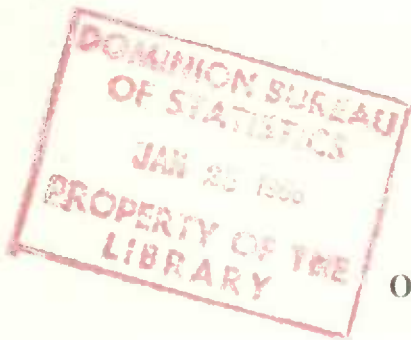
CATALOGUE No.

47-201

ANNUAL



BROOM, BRUSH AND MOP INDUSTRY
1963



ANNUAL CENSUS
OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

January 1966
6521-628

Price: 50 cents

PUBLICATIONS

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

Catalogue number	Title	Periodicity	Price	
			Per copy	Per year
31-201	General Review of the Manufacturing Industries of Canada	A	\$2.00	
31-211	Products Shipped by Canadian Manufacturers	A	.75	
31-001	Inventories, Shipments and Orders in Manufacturing Industries	M	.30	\$3.00
65-004	Imports by Commodities	M	.75	7.50
65-007	Exports by Commodities	M	.75	7.50
47-201	Broom, Brush and Mop Industry	A	.50	
47-202	Button, Buckle and Fastener Industry	A	.50	
47-203	Musical Instrument and Sound Recording Industry	A	.50	
47-204	Sporting Goods and Toy Industry	A	.50	
47-205	Miscellaneous Manufacturing Industries	A	.50	
47-206	Scientific and Professional Equipment Manufacturers	A	.50	
47-207	Pen and Pencil and Typewriter Supplies Manufacturers	A	.50	
47-208	Plastics Fabricators, n.e.s.	A	.50	
47-209	Signs and Display Industry	A	.50	
47-210	Venetian Blind Manufacturers	A	.50	
47-211	Jewellery and Silverware Manufacturers	A	.50	

A - Annual

M - Monthly

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

BROOM, BRUSH AND MOP INDUSTRY

1963

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 household, industrial and street-sweeping brooms; household, paint and tooth brushes; floor, dust and dish mops".

Despite a drop of 4 establishments in this industry from 1962 to 1963, there was a sizeable increase in manufacturing activity over the same period, as reflected in most of the tables in this report. The shipments of goods of own manufacture by the industry proper are presented in Table 7 and herein certain products have been deliberately concealed in order that the more important information covering the shipments of these commodities by all industries might be shown in Table 8.

A list of the establishments classified to this industry in the 1963 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 A. Principal Statistics classified by Province, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961													
Totals	96	1,624	3,389	4,148	199	10,200	22,576	12,809	59	231	2,454	9,259	15,585
1962													
Newfoundland	1	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	39	341	727	728	35	2,118	4,072	1,920	29	93	437	1,145	2,035
Ontario	36	806	1,695	2,231	124	7,484	16,399	9,198	16	38	1,375	6,289	11,164
Manitoba	6	133	246	323	9	750	1,346	635	x	x	146	429	633
Saskatchewan	2	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	2	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	6	39	74	117	5	175	483	320	5	18	56	198	354
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	93	1,563	3,263	4,081	216	11,958	25,534	13,752	55	171	2,382	9,221	15,874
1963													
Newfoundland	1	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	1	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	36	365	751	823	36	2,437	4,754	2,330	26	85	460	1,307	2,571
Ontario	34	875	1,838	2,503	134	7,865	18,277	10,805	13	36	1,460	6,947	13,147
Manitoba	6	129	241	318	8	793	1,453	630	4	16	140	433	631
Saskatchewan	3	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	2	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	6	39	79	120	5	195	552	347	4	17	57	200	385
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	89	1,674	3,448	4,545	225	12,969	28,682	15,934	50	160	2,475	10,162	18,576

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.	'000			'000				'000		'000			
1962													
Under \$10,000	18	5	11	12	2	28	94	63	18	35	7	15	66
\$ 10,000 to \$ 24,999	13	16	32	33	3	80	207	127	12	32	18	37	133
25,000 "	17	37	81	83	8	209	548	329	15	55	48	105	341
50,000 "	11	63	149	148	11	432	819	378	7	34	87	234	412
100,000 "	9	179	364	409	20	636	1,317	687	2	9	217	589	834
200,000 "	12	290	584	681	26	1,729	3,615	1,875	1	6	377	1,062	1,973
500,000 "	5	298	650	666	27	1,717	3,362	1,580	—	—	370	1,054	1,646
1,000,000 " 4,999,999	8	675	1,392	2,050	120	7,127	15,571	8,713	—	—	1,258	6,125	10,471
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	93	1,563	2,382	4,081	216	11,958	25,534	13,752	55	171	2,382	9,221	15,874
1963													
Under \$10,000	11	—	—	—	—	29	61	34	12	23	—	—	35
\$ 10,000 to \$ 24,999	15	14	31	35	—	95	237	142	13	39	16	38	160
25,000 "	18	42	87	104	8	281	636	346	16	62	59	139	385
50,000 "	9	49	105	122	8	370	649	283	5	19	64	177	329
100,000 "	10	224	441	497	25	802	1,575	891	4	17	263	679	953
200,000 "	11	233	476	605	26	1,571	3,128	1,559	—	—	304	962	1,618
500,000 "	6	333	715	781	30	2,028	3,846	1,961	—	—	414	1,203	2,171
1,000,000 " 4,999,999	9	779	1,593	2,401	128	7,792	18,551	10,718	—	—	1,355	6,963	12,926
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	89	1,674	3,448	4,545	225	12,969	28,682	15,934	50	160	2,475	10,162	18,576

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.	'000			'000				'000		'000			
1962													
Under \$10,000	25	13	26	26	4	68	186	116	25	52	15	29	122
\$ 10,000 to \$ 24,999	25	48	104	108	10	375	818	430	23	83	63	140	455
25,000 "	10	79	184	193	13	388	797	400	4	21	103	280	424
50,000 "	8	202	399	433	17	786	1,360	554	2	9	231	543	557
100,000 "	9	163	320	381	20	1,226	2,411	1,178	1	6	231	699	1,370
200,000 "	10	500	1,048	1,199	48	3,556	6,865	3,315	—	—	624	1,953	3,421
500,000 "	6	558	1,182	1,741	105	5,558	13,097	7,759	—	—	1,115	5,577	9,525
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	93	1,563	3,263	4,081	216	11,958	25,534	13,752	55	171	2,382	9,221	15,874
1963													
Under \$10,000	23	10	21	24	1	197	313	117	25	61	12	28	140
\$ 10,000 to \$ 24,999	19	43	92	112	6	297	631	321	13	51	52	137	347
25,000 "	13	99	199	256	15	427	876	448	8	31	131	355	502
50,000 "	8	191	388	401	16	629	1,425	628	4	17	213	492	636
100,000 "	9	182	370	465	21	1,556	2,806	1,249	—	—	251	809	1,403
200,000 "	8	325	628	798	30	2,076	4,297	2,402	—	—	409	1,325	2,542
500,000 "	6	415	922	1,204	47	3,812	7,873	4,186	—	—	588	2,241	4,395
1,000,000 " 4,999,999	3	409	828	1,285	87	3,774	10,461	6,583	—	—	819	4,775	8,710
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	89	1,674	3,448	4,545	225	12,969	28,682	15,934	50	160	2,475	10,162	18,576

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1962 and 1963

Size group	Estab-lish-ments	Manufacturing activity							Total activity				Total value added
		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		Total employees		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000			\$'000	
1962													
Under \$10,000	25	13	26	26	4	68	186	116	25	52	15	29	121
\$ 10,000 to \$ 24,999	23	43	93	99	8	320	717	385	19	62	57	130	403
25,000 "	11	76	174	178	13	422	828	397	8	42	99	255	419
50,000 "	9	210	419	457	17	807	1,429	602	2	9	241	577	615
100,000 "	7	128	264	305	13	844	1,706	857	1	6	167	461	852
200,000 "	12	535	1,104	1,275	55	3,938	7,569	3,636	-	-	688	2,191	3,940
500,000 "	6	558	1,182	1,741	105	5,558	13,097	7,759	-	-	1,115	5,578	9,525
1,000,000 " 4,999,999													
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	93	1,563	3,263	4,081	216	11,958	25,534	13,752	55	171	2,382	9,221	15,874
1963													
Under \$10,000	21	8	17	19	--	172	274	105	22	49	10	22	108
\$ 10,000 to \$ 24,999	19	38	81	102	6	266	570	290	14	53	46	124	323
25,000 "	13	91	181	229	13	407	820	408	10	41	119	304	443
50,000 "	10	206	421	442	19	905	1,581	711	4	17	233	561	751
100,000 "	7	128	267	306	14	925	1,791	868	-	-	168	500	873
200,000 "	10	379	731	958	38	2,707	5,312	2,783	-	-	492	1,634	3,073
500,000 "	6	415	922	1,204	47	3,812	7,873	4,186	-	-	588	2,241	4,295
1,000,000 " 4,999,999	2	409	828	1,284	87	3,774	10,461	6,583	-	-	819	4,775	8,710
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	89	1,674	3,448	4,545	225	12,969	28,682	15,934	50	160	2,475	10,162	18,576

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963

Size group	Estab-lish-ments	Manufacturing activity							Total activity				Total value added
		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		Total employees		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000					\$'000			\$'000
1962													
Under 5 employed	43	42	91	94	9	311	759	437	38	101	50	111	448
5 - 14 employed	16	80	189	190	15	450	987	523	12	42	109	296	567
15 - 49 "	22	481	949	1,137	55	3,464	6,363	2,885	5	28	628	1,862	3,135
50 - 99 "	7	338	751	890	31	2,828	5,985	3,168	-	-	489	1,707	3,257
100-199 "	5	622	1,283	1,770	106	4,904	11,441	6,739	-	-	1,106	5,244	8,467
200-499 "													
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	93	1,563	3,263	4,081	216	11,958	25,534	13,752	55	171	2,382	9,221	15,874
1963													
Under 5 employed	40	39	83	103	5	404	808	404	39	119	44	115	450
5 - 14 employed	13	66	139	158	12	371	775	401	7	24	95	240	459
15 - 49 "	22	466	942	1,179	55	2,999	5,748	2,878	4	17	594	1,840	3,121
50 - 99 "	10	520	1,049	1,335	58	4,374	9,768	5,428	-	-	718	2,569	5,594
100-199 "	4	583	1,233	1,770	95	4,820	11,584	6,823	-	-	1,024	5,399	8,952
200-499 "													
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	89	1,674	3,448	4,545	225	12,969	28,682	15,934	50	160	2,475	10,162	18,576

TABLE 1 F. Principal Statistics classified by Type of Organization, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1962													
Individual ownerships	36	92	187	226	14	477	1,077	590	35	105	103	257	601
Partnerships	12	26	54	51	5	185	360	172	20	66	36	65	189
Incorporated companies	45	1,445	3,021	3,805	197	11,297	24,097	12,990	...	...	2,243	8,899	15,084
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	93	1,563	3,263	4,081	216	11,958	25,534	13,752	55	171	2,382	9,221	15,874
1963													
Individual ownerships	38	107	226	261	12	561	1,280	733	35	109	128	309	791
Partnerships	9	26	55	63	4	214	377	163	15	51	29	74	186
Incorporated companies	42	1,541	3,166	4,220	209	12,193	27,025	15,038	-	-	2,318	9,778	17,599
Cooperatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	89	1,674	3,448	4,545	225	12,969	28,682	15,934	50	160	2,475	10,162	18,576

TABLE 2. Industry Output, Input and Value Added, 1962 and 1963

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
\$'000						
Output						
1. Shipments and other revenue	25,534	28,682	4,951	5,769	30,485	34,451
Inventories - Goods of own manufacture:						
Add closing - Goods in process	786	828	...	-	786	828
Finished goods	2,838	3,491	...	-	2,838	3,491
Less opening - Goods in process	810	758	...	-	810	758
Finished goods	2,422	3,116	...	-	2,422	3,116
2. Net inventory change	392	445	...	-	392	445
3. Gross output (1+2)	25,926	29,127	4,951	5,769	30,877	34,896
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,741	2,974	2,741	2,974
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	737	774	737	774
Less closing .....	...	...	775	790	775	790
5. Cost of goods sold (not of own manufacture) .....	...	...	2,703	2,958	2,703	2,958
6. Materials, supplies, components and semi-processed goods	11,958	12,969	126	169	12,084	13,138
7. Fuel and electricity	216	225	...	...	216	225
8. Gross input (5+6+7)	12,174	13,194	2,829	3,127	15,003	16,321
Census value added (3-8)	13,752	15,934	2,122	2,642	15,874	18,576

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis-trative and office		Sales and distribution		Total employees		Production and related workers		Adminis-trative and office	Sales and distribution	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1962															
Newfoundland	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	223	118	1	2	42	28	23	-	289	148	728	1	340	75	1,145
Ontario	495	311	-	2	129	123	290	25	914	461	2,231	2	1,302	2,755	6,289
Manitoba	102	31	-	-	8	4	1	-	111	35	323	-	104	3	429
Saskatchewan	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	28	11	-	-	6	7	4	-	38	18	117	-	63	18	198
Yukon and Northwest Terri-tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,011	552	1	4	222	198	362	32	1,596	786	4,081	3	2,069	3,068	9,221
1963															
Newfoundland	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	232	133	2	-	38	30	25	-	297	163	823	4	397	83	1,307
Ontario	512	363	-	-	137	129	286	33	935	525	2,503	-	1,445	3,000	6,947
Manitoba	97	32	-	-	6	4	1	-	104	36	318	-	112	3	433
Saskatchewan	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	29	10	-	-	6	7	5	-	40	17	120	-	61	19	200
Yukon and Northwest Terri-tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,041	633	2	-	211	198	348	42	1,602	873	4,545	4	2,272	3,340	10,162

TABLE 3A. Production and Related Workers, - Manufacturing Activity, by Months, 1962 and 1963

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	894	520	917	537
February	897	519	919	543
March	898	511	925	565
April	888	510	936	581
May	916	526	949	590
June	926	516	951	594
July	910	529	946	590
August	920	544	959	613
September	917	551	951	625
October	930	559	955	630
November	929	555	954	635
December	923	539	931	628
Average for establishments reporting monthly detail (collected only for large establishments) ..	917	533	942	593
Average for small establishments (only annual averages collected)	94	19	99	40
Average for all establishments	1,011	552	1,041	633

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-
New Brunswick	x	x	x	x	x	x
Quebec	324	35	273	632	124	756
Ontario	2,465	314	1,975	4,755	623	5,378
Manitoba	230	24	169	423	2	425
Saskatchewan	x	x	x	x	x	x
Alberta	x	x	x	x	x	x
British Columbia	76	9	31	116	22	138
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	3,413	758	3,116	7,287	774	8,061
Closing:						
Newfoundland	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-
New Brunswick	x	x	x	x	x	x
Quebec	349	34	323	706	137	844
Ontario	2,641	405	2,412	5,458	628	6,086
Manitoba	281	21	150	451	2	454
Saskatchewan	x	x	x	x	x	x
Alberta	x	x	x	x	x	x
British Columbia	46	9	26	81	21	102
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	3,681	828	3,491	8,000	790	8,790

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	1,284	1,590	19
(b) Imported	"	729	620	9
Sub-bituminous coal (from Alberta mines only)	"	95	-	-
Anthracite coal	"	4	-	-
Lignite coal	"	-	-	-
Coke	"	-	71	1
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	40,912	38,647	16
Fuel oil including kerosene or coal oil	"	114,449	150,610	23
Wood	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	1,221	1,240	1
(b) Other manufactured gas	M cu.ft.	-	-	-
(c) Natural gas	"	35,347	36,959	32
Other fuel		-	...	5
Electricity purchased	kwh.	5,870,383	6,319,242	95
Steam purchased .....		...	...	2
2. Estimate for small establishments:				
Fuel and electricity .....		...	...	21
3. All establishments:				
Total fuel and electricity used .....		...	...	225

TABLE 6. Materials and Supplies - Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Broom, corn	lb. 3,301,932	875	3,315,598	941
Fibre, all kind	" 860,234	462	982,595	504
Bristles:				
Animal	" 358,273	1,805	294,922	1,630
Other (including nylon)	" 291,177	579	361,359	680
Yarns:				
Cotton	" 2,214,320	1,133	2,369,034	1,213
Other	" 71,063	111	71,853	148
Fabrics:				
Cotton	yd. 17,615	4	10,905	4
Other	" ...	43	" ...	50
Wire	lb. 1,082,411	212	906,255	245
Lumber and wooden blocks	" ...	416	" ...	589
Handles, all kind	" ...	576	" ...	857
Mops parts, metal	" ...	202	" ...	348
Cellulose sponge	" ...	100	" ...	133
Metals and metallic products	" ...	9	" ...	9
Paints, lacquers and varnishes	gal. 17,501	71	17,520	69
Plastic moulding powder	lb. 1,228,832	384	1,402,054	432
All other materials and components used ¹	" ...	3,549	" ...	3,728
2. Containers and other packaging materials and supplies used	" ...	1,101	" ...	1,072
3. Operating, maintenance and repair supplies used (excluding fuel)	" ...	305	" ...	290
4. Amount paid out to others for work done on materials owned by establishments	" ...	22	" ...	27
Totals	" ...	11,959	" ...	12,969

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$622,661 in 1962 and \$966,613 in 1963.

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity dozen	Value \$'000	Quantity dozen	Value \$'000
1. Products:				
Brooms:				
Corn	214,951	2,720	209,977	2,927
Fibre	31,563	623	32,219	636
Hair	6,742	249	5,691	242
Plastic	5,923	102	10,861	173
Toy	3,001	10	2,966	11
Other brooms	14,650	259	" ...	263
Whisks	30,547	120	31,546	129
Brushes:				
Clothes	29,138	146	36,499	221
Cosmetic	927	5	" ...	" ...
Floor polisher	10,688	57	8,480	56
Hair	95,688	698	114,121	753
Nail	38,075	62	43,483	67
Paint (excluding artists)	" ...	" ...	" ...	" ...
Shaving	18,414	146	18,922	148
Shoe	49,535	172	63,441	239
Snow, auto	" ...	" ...	" ...	" ...
Toilet bowl	31,307	162	35,222	165
Tooth (including denture)	" ...	" ...	" ...	" ...
Other household use	" ...	" ...	" ...	" ...
Other industrial use (including chimney)	141,462	1,673	182,384	1,811
All other brushes	" ...	1,090	" ...	1,190
Mops:				
Floor, wet	242,247	1,855	247,547	1,922
Floor, dry	" ...	" ...	" ...	" ...
Floor, cellulose sponge, including refills	56,059	719	82,505	1,094
Dish	60,336	83	53,020	91
Other mops (including toy)	" ...	" ...	" ...	" ...
Other products:				
Handles of all kinds	" ...	466	" ...	548
Paint rollers complete	" ...	" ...	" ...	" ...
Paint roller kits, replacement rollers and parts	" ...	" ...	" ...	" ...
All other products	" ...	14,348	" ...	16,222
2. Amount received in payment for work done on materials and products owned by others	" ...	27	" ...	60
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from the individual commodity items described above	" ...	(259)	" ...	(283)
Total adjusted value of shipments and work done	" ...	25,534	" ...	28,682

¹ Included in "All other brushes";
² Included in "All other products".

TABLE 8. Shipments of Selected Goods of Own Manufacture - All Industries, 1962 and 1963
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	1962		1963	
	Quantity	Value	Quantity	Value
	dozen	\$'000	dozen	\$'000
Brushes:				
Tooth (including denture)	719,563	1,087	784,877	1,214
Paint	581,549	4,746	670,549	5,182
Other household use	291,293	1,134	315,087	1,187
Mops:				
Dry	84,541	1,328	94,180	1,505
Other products:				
Paint rollers complete, paint roller kits, replacement rollers and parts .....	...	1,043	...	1,310
Total shipments .....	...	9,575	...	10,398

List of Establishments classified to This Industry, 1963

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

Name	Location
Newfoundland:	
Canadian National Institute for the Blind	George St., St. John's
New Brunswick:	
T.S. Simms & Company Limited	Lebanster
Quebec:	
American Broom Company	330 rue de l'Église, St-Basile-de-Portneuf
Atomic Mop & Broom Co.	5615 de Lorimier Ave., Montreal 35
Balais-Bonaventure	3146, rue Ste-Catherine est, Montréal
Balais Bourassa, Enr.	264, rue Principale, St-Stanislas
Balais Remon, Enr.	394, Route Nationale, St-Augustin
Bonnaventure Broom Reg'd.	3146 St-Catherine Est, Montreal 4
Canadian Cotton & Wool Waste Co, Ltd.	415 des Récollets St., Montreal
Canis, Paul	7399, Ave. de Lorimier, Montréal
City Brush Mfg. Co.	86 Bernard Ave. W., Montreal
Crown Brush Co. Ltd.	6230 Chambord St., Montreal 8
De Ladurantaye, A. & Fils	7861 de Gaspé, Montreal
Dominion Brush Manufacturing Co. Ltd.	501 Cowie Street, Granby
Graff Brushes Ltd.	642 de Courcelle St., Montreal 30
Granby Industrial Brush Reg'd.	430 St-Denis, Granby
Imperial Mops and Brooms Ltd.	9850 St-Urbain St., Montreal 12
La Cie de Balais de Montmagny, Limitée	Boul. St-Nicholas, Montmagny
La Cie de Balais St-Félix, Ltée	St-Félix-de-Kingsey
La Cie Manufacturière de Balais, Enr.	554, 1ère Avenue, Beauceville-Est
L'Association Canadienne Française des Aveugles, Inc.	900 est, rue Beaubien, Montréal 10
Le Balai Laviolette, Enr.	250 rue St-Léon, St-Tite
Les Brosses Provinciales, Enr.	Sainte-Clair-de-Dorchester
Legault, Valmore	Route Rurale no 4, Granby
Mann Brush Mfg. Co. Ltd.	4443 St-Dominique St., Montreal
Modern Mop and Broom	2131 St-Catherine St., East, Montréal 1
Montreal Association for the Blind Inc.	6980 Sherbrooke St. West, Montréal
Montreal Broom Manufacturing Co.	5639 Monk Blvd., Montreal 20
Montreal Mop Mfg. Co.	75 Napoleon St., Montreal 18
Moppes St-Jean, Enr.	455, ave. des Bouleaux est, Québec
National Broom & Mop Mfg. Co.	12533 Desy St., Montreal
Peerless Brush Manufacturing Co.	2375 Ekers Ave., Montreal 26
Royal Mop Co.	1347 Notre-Dame St. E., Montreal 24
Self-Serv Pak (1963) Ltd.	Chemin Chambly, St-Hubert
Smith, Harold E. Limited	2551 Chateauguay St., Montreal 22
Superior Brush Manufacturing Co.	8660-8th Avenue, Ville St-Michel
United Broom Sales Co.	3468 Park Ave., Montreal 18
Viking Brush Co.	4550 Berri St., Montreal
Ontario:	
Bissell Ltd.	2934 Montrose Rd., Niagara Falls
Boeckh Company Limited, The	24 Noble Street, Toronto 3
Brandon, Harry G.	550 Maple Ave., Burlington
Brushcraft Limited	Avenue K, Ottawa
Canadian National Institute for the Blind, The	1929 Bayview Ave., Toronto 47
Canest Brushes Ltd.	190 Adelaide St. South, London
Card Brush Limited	Main Street, Newburgh
Challies Dental Products	Laurier Drive, Morrisburg
Dixon, W E., Mfg. Limited	107 McGill St., Toronto 2

List of Establishment classified to This Industry, 1963 - Concluded

Name	Location
Ontario - Concluded:	
Dorsch, J.	45 Princess St., Waterloo
Drockett Co. of Canada Ltd., The	411 Albert St., Stratford
Felton, S.A., and Son Company (Canadian Division)	29 Harriet Street, Hamilton
Fort William Broom Mfg. Company	710 McTavish St., Fort William
Fuller Brush Company Limited	1115 Guelph Line, Burlington
Gibson Broom Company Ltd.	170 Christie Street, Toronto 4
Gumbacher M., of Canada Ltd.	64 Princess Street, Toronto 2
Hamel, Irvin W. and Son	18 Noecker Street, Waterloo
Harriston Broom Co.	Margaret St., Harriston
Lees & Lees	Brock St., Norwich
Maltap Mfg. Limited	140 Victoria Street, Barrie
Meakins & Sons Limited	125 Wellington St. N., Hamilton
Pyroll-Master Mfg. Co. Ltd.	87 Colville Rd., Toronto 15
Queen City Broom Co.	Rear 163 Manning Ave., Toronto 3
Richardson, J.W.	407 Bay St. N., Hamilton
Rubberset Company (Canada) Limited	Second St., Gravenhurst
Steffen Broom & Brush Mfg.	Flora St., Teeswater
Stevens-Hepner Company Limited	Port Elgin
Superior Brush & Broom Company	312 King St. East, Hamilton
Tarbox Brothers Limited	30 Morrow Avenue, Toronto 3
Tek Hughes Brushes Ltd.	974 Lakeshore Road E., Port Credit
Webb Manufacturing & Sales	Victoria Harbour
West, Taylor, Bickle & Co. Ltd.	Main St. W., Norwich
Wilson Broom Company, The	16 James Street, Ridgeway
Windsor Broom Co.	E.C. Row Ave. R.R. No. 2, Oldcastle
Manitoba:	
Atlas Brush Limited	576 McDermot Avenue, Winnipeg
Canadian National Institute for the Blind	1031 Portage Avenue, Winnipeg 10
Johnson, Wilmar	488 Balmoral St., Winnipeg 2
Ring Easy Mop Co.	205 Aikins St., Winnipeg 4
Standard Broom Mfg. Company	744 Wall Street, Winnipeg 10
Winnipeg Modern Brush Company	422 Notre Dame, Winnipeg 2
Saskatchewan:	
Broom-Craft Company Limited	2520 Dewdney Ave., Regina
Canadian Brush Mfg.	319 Avenue H. South, Saskatoon
Mid-Western Broom Co.	519 Avenue L. South, Saskatoon
Alberta:	
Calgary Brush	735-10th Avenue S.W., Calgary
Klean Sweep Brush Mfrs.	Rear 1912-37th St. S.W., Calgary
British Columbia:	
B.C. Lokmop	4843 Sophia St., Vancouver
Brodie Brush Co. Limited	891 Cambie Street, Vancouver 3
Crown Broom Works Co.	7170 Antrim Ave., Burnaby 1
Empire Brush Works	356 West Broadway, Vancouver 10
Hamilton Products Co.	628 Georgia Street, Vancouver 4
Pacific Coast Brush Co. (1952) Ltd.	752 East Hastings St., Vancouver 4

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 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

The results of the Census are presented in some 140 publications. In addition to these annual industry publications there are annual summary reports for Canada and the provinces and special reports giving principal statistics by detailed geographic areas, by type of ownership and size of establishment. A special annual report covering the shipments of all manufactured commodities arranged in alphabetical order is also published.

Since 1960 the following major changes have been implemented in the Census of Manufactures: (a) a revised Standard Industrial Classification (b) a new establishment definition and (c) an extension of the establishment definition to cover the non-manufacturing activities of manufacturing establishments. The statistics presented in the various 1963 reports reflect the complete implementation of these changes and enable comparisons to be made with the years 1961 and 1962. For a complete description of the procedures followed in establishing the revised series, reference should be made to the Explanatory Notes included in the 1960, 1961 and 1962 industry publications. The statistical framework within which the Census of Manufactures is now carried out is based on the following concepts and definitions which have been developed as part of a general programme to achieve a fully integrated system of economic statistics.

Establishment

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

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

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

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

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

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

Head Offices and Auxiliary Units

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

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

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

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the

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

Employees

(a) Production and related workers - Manufacturing activity

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. 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. 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.). 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 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 materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).

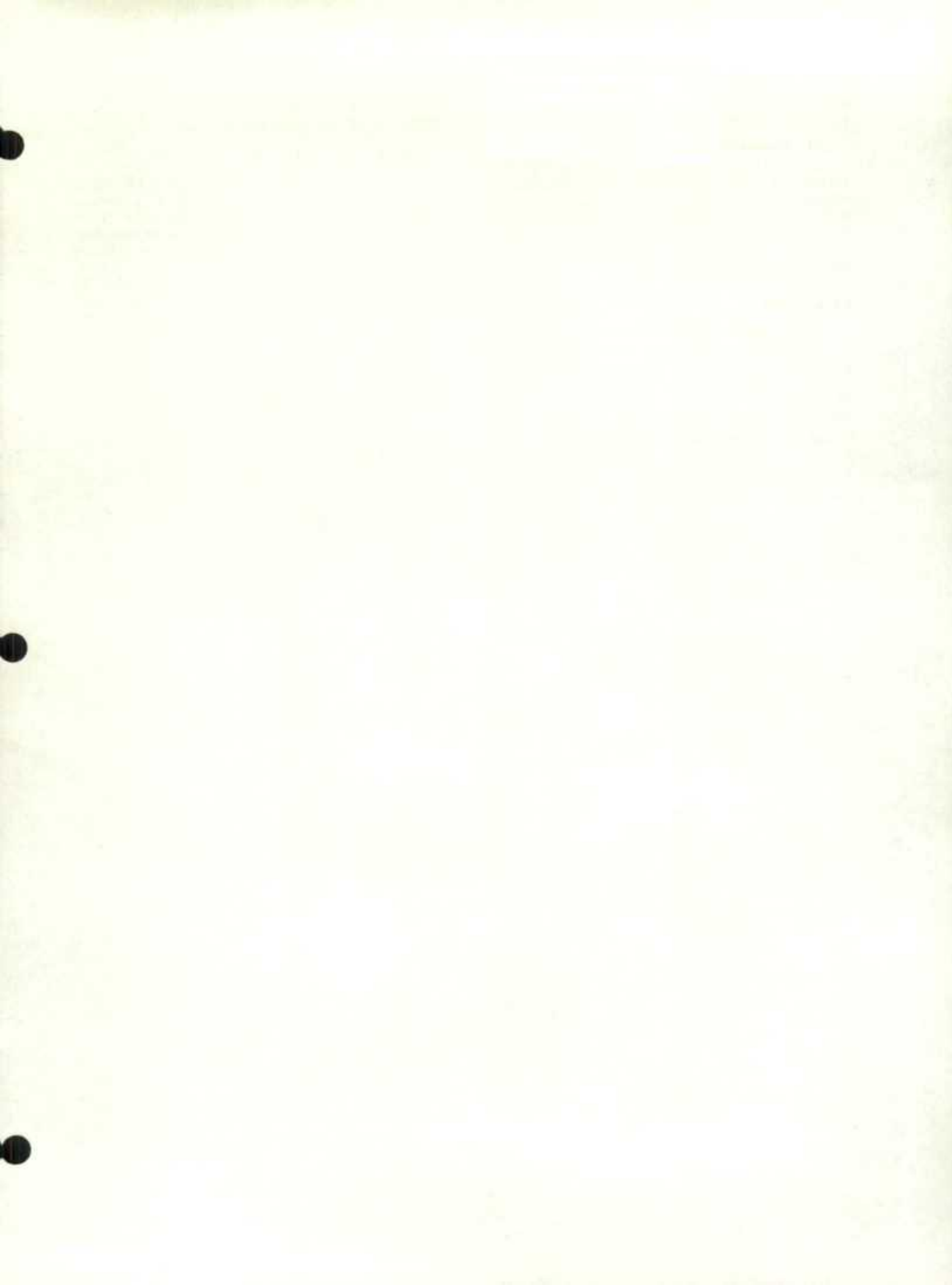
(b) By non-manufacturing activities

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

purchased for re-sale) and the cost of other 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 production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, "Survey of Production".



STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010671678