

CATALOGUE No.

47-204

ANNUAL

MAR 13 1966



SPORTING GOODS AND TOY INDUSTRY

1963

ANNUAL CENSUS
OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

March 1966
6521-631

Price: 50 cents

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SPORTING GOODS AND TOY INDUSTRY

1963

GENERAL INTRODUCTION

This industrial sub-group comprises the following two industries:

- (a) The Sporting Goods Industry and
- (b) The Toys and Games Industry.

There is some overlap in terms of the commodities made by the establishments classified to these two industries. The Standard Commodity Classification includes most of the products of the combined industries in one major group entitled "Recreation Equipment, Toys, Games, Sporting and Athletic Goods, n.e.s." and having six sub-groups as follows:

- A. Amusement, park and playground equipment
- B. Sporting equipment (except uniforms and footwear)

- C. Fishing and hunting equipment (except firearms and ammunition)
- D. Games (except amusement, park and playground games)
- E. Toys
- F. Children's vehicles

For the purposes of classifying establishments, sub-groups A, B, and C are regarded as comprising the commodities of the Sporting Goods Industry; whereas those of the Toys and Games Industry are found in sub-groups D, E, and F.

Since capital and repair expenditures are now available for this sub-group as a whole, such data are given in Table 1 below.

SECTION 1. SPORTING GOODS 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 sporting and athletic goods, such as bicycles, fishing tackle, golf and tennis equipment; baseball, football and boxing equipment, skates and equipment for other sports".

Since no detailed information is collected on manufacturing materials and supplies used by this industry,

Table 6 presents these data with a minimum of breakdown. The shipments of goods of own manufacture by the industry, given in Table 7, have been abridged in presentation. This has been done in order that the shipments of sporting good commodities by all industries might be shown in as much detail as possible in Table 8.

A list of the establishments classified to this industry in the 1963 survey will be found at the end of this section of the 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	107	2,750	5,746	9,440	443	19,641	44,053	25,152	46	178	4,042	15,057	31,732
1962													
Newfoundland	1												
Prince Edward Island	-												
Nova Scotia	-	840	1,866	2,135	107	3,505	8,145	4,623	13	47	1,104	3,400	4,633
New Brunswick	-												
Quebec	34												
Ontario	55	1,947	4,207 ^r	7,368	311	15,489	35,468	20,736	21	87	2,800 ^r	10,931	26,606
Manitoba	2												
Saskatchewan	1	17	15	21	1	38	110	70	1	1	79	513	70
Alberta	1												
British Columbia	18	43	117	161	15	343	851	490	6	21	115	426	592
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	112	2,847	6,205 ^r	9,684	433	19,376	44,575	25,919	41	156	4,098 ^r	15,270	31,901
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	1	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	1	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	34	943	2,098	2,583	126	4,227	10,178	6,131	14	54	1,171	3,710	6,051
Ontario	58	1,957	4,132	7,346	317	15,161	37,156	22,414	21	96	2,837	11,307	25,397
Manitoba	2	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	2	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	1	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	19	70	142	208	16	473	1,041	556	x	x	124	464	709
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	118	2,989	6,413	10,193	460	19,929	48,568	29,237	43	192	4,189	15,841	32,292

TABLE 1B. 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 man- ufacture	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												
1962													
Under \$10,000	19	8	14	19	3	27	97	66	13	24	12	23	68
\$ 10,000 to \$ 24,999	15	16	35	47	5	102	283	181	13	53	28	78	187
25,000 "	15	45	89	110	10	172	548	362	7	28	59	153	369
50,000 "	20	110	237	301	19	586	1,396	785	5	20	148	437	819
100,000 "	16	233	486	636	35	986	2,358	1,346	3	31	320	891	1,516
200,000 "	14	417	938 ^f	1,305	54	2,189	4,995	2,708	-	-	625	2,138	3,702
500,000 "	6	300	638	996	46	2,220	4,077	1,908	-	-	378	1,401	2,058
1,000,000 " 4,999,999	7	1,718	3,767	6,271	262	13,094	30,821	18,562	-	-	2,214 ^f	8,581	23,182
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	314	1,568	...
Totals	112	2,847	6,205^f	9,684	433	19,376	44,575	25,919	41	156	4,098^f	15,270	31,901
1963													
Under \$10,000	20	9	17	20	3	30	108	77	13	26	11	26	75
\$ 10,000 to \$ 24,999	16	28	58	73	3	118	300	200	11	45	39	100	218
25,000 "	18	52	109	140	11	280	699	426	7	40	74	205	443
50,000 "	16	91	193	255	17	455	1,144	678	6	25	122	382	678
100,000 "	20	254	518	737	42	1,337	2,818	1,530	6	54	313	988	1,712
200,000 "	10	292	604	772	40	1,365	3,233	1,846	-	-	392	1,119	1,792
500,000 "	8	360	768	1,149	50	2,332	4,989	2,715	-	-	457	1,737	3,237
1,000,000 " 4,999,999	10	1,903	4,145	7,047	296	14,012	35,277	21,765	-	-	2,447	9,867	24,137
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	334	1,417	...
Totals	118	2,989	6,413	10,193	460	19,929	48,568	29,237	43	192	4,189	15,841	32,292

TABLE 1C. 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 man- ufacture	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												
1962													
Under \$10,000	22	12	22	30	4	50	142	89	15	30	18	36	90
\$ 10,000 to \$ 24,999	22	33	68	87	10	233	600	359	12	50	54	150	372
25,000 "	20	106	227	282	15	449	1,145	677	9	42	135	388	710
50,000 "	19	216	450	590	30	1,165	2,584	1,378	5	34	282	838	1,457
100,000 "	10	229	490	640	38	1,233	2,643	1,420	-	-	344	983	1,641
200,000 "	12	533	1,181 ^f	1,784	74	3,153	6,640	3,435	-	-	737	2,725	4,447
500,000 "	7	1,718	3,767	6,271	262	13,094	30,821	18,562	-	-	2,214 ^f	8,581	23,182
1,000,000 " 4,999,999													
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	314	1,568	...
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	314	1,568	...
Totals	112	2,847	6,205^f	9,684	433	19,376	44,575	25,919	41	156	4,098^f	15,270	31,901
1963													
Under \$10,000	23	12	23	29	3	48	148	98	15	34	14	35	96
\$ 10,000 to \$ 24,999	23	50	104	129	8	258	600	359	15	69	70	188	397
25,000 "	23	124	265	350	25	709	1,525	805	7	34	174	552	984
50,000 "	18	192	385	552	33	968	2,249	1,331	6	54	235	724	1,331
100,000 "	9	205	431	570	24	1,056	2,217	1,170	-	-	293	861	1,220
200,000 "	12	503	1,059	1,516	71	2,879	6,552	3,709	-	-	622	2,197	4,127
500,000 "	5	534	1,183	1,884	64	3,277	6,826	3,833	-	-	630	2,397	3,947
1,000,000 " 4,999,999	5	1,369	2,962	5,163	232	10,735	28,451	17,932	-	-	1,817	7,470	20,190
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	334	1,417	...
Totals	118	2,989	6,413	10,193	460	19,929	48,568	29,237	43	192	4,189	15,841	32,292

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	22	12	22	30	4	50	142	89	15	30	18	36	90
\$ 10,000 to \$ 24,999	20	28	57	71	9	159	477	311	12	50	47	126	319
25,000 " 49,999	21	104	221	276	15	499	1,193	677	9	42	134	385	686
50,000 " 99,999	19	214	443	583	29	1,116	2,521	1,363	5	24	275	811	1,393
100,000 " 199,999	11	238	513	670	39	1,306	2,781	1,484	-	-	359	1,038	1,783
200,000 " 499,999	10	480	1,064	1,510	66	2,923	5,724	2,871	-	-	589	2,052	3,169
500,000 " 999,999	4	269	593	1,006	34	1,407	3,569	2,051	-	-	422	1,696	2,761
1,000,000 " 4,999,999	5	1,502	3,290	5,539	237	11,916	28,167	17,075	-	-	1,940 ^f	7,558	21,699
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	314	1,568	...
Totals	112	2,847	6,205^f	9,684	433	19,376	44,575	25,919	41	156	4,098^f	15,270	31,901
1963													
Under \$10,000	23	12	23	29	3	48	148	98	15	34	14	35	96
\$ 10,000 to \$ 24,999	22	47	98	121	8	245	567	339	13	51	67	181	359
25,000 " 49,999	21	91	192	250	17	483	1,196	709	6	50	123	363	725
50,000 " 99,999	19	202	406	562	35	992	2,320	1,380	7	56	247	761	1,382
100,000 " 199,999	12	253	529	740	36	1,346	2,887	1,540	-	-	362	1,131	1,647
200,000 " 499,999	10	437	923	1,296	62	2,480	5,544	3,091	-	-	517	1,771	3,344
500,000 " 999,999	5	429	969	1,548	59	2,768	5,577	3,171	-	-	537	2,125	3,449
1,000,000 " 4,999,999	6	1,518	3,272	5,627	241	11,567	30,328	18,908	-	-	1,988	8,057	21,291
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	334	1,417	...
Totals	118	2,989	6,413	10,193	460	19,929	48,568	29,237	43	192	4,189	15,841	32,292

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	45	40	84	111	14	331	868	530	26	77	70	192	544
5 - 14 employed	27	159	343	443	28	760	1,899	1,101	13	55	199	592	1,145
15 - 49 "	22	411	845	1,135	59	2,541	5,147	2,595	2	23	584	1,750	2,889
50 - 99 "	11	519	1,166 ^f	1,724	70	2,651	5,840	3,131	-	-	717	2,586	4,140
100 - 199 "	3	376	789	1,167	33	2,003	4,443	2,600	-	-	454	1,575	2,830
200 - 499 "	4	1,342	2,978	5,104	230	11,091	26,377	15,962	-	-	1,760 ^f	7,006	20,352
500 employed and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	314	1,568	...
Totals	112	2,847	6,205^f	9,684	433	19,376	44,575	25,919	41	156	4,098^f	15,270	31,901
1963													
Under 5 employed	42	38	79	97	9	316	764	461	24	67	59	157	474
5 - 14 employed	38	221	466	670	44	1,198	2,810	1,645	17	105	285	925	1,784
15 - 49 "	19	381	762	1,085	55	2,269	4,969	2,778	2	20	505	1,604	2,763
50 - 99 "	12	630	1,371	2,049	87	3,761	6,361	4,889	-	-	789	2,960	5,663
100 - 199 "	3	372	828	1,266	38	2,098	4,740	2,623	-	-	454	1,703	2,740
200 - 499 "	4	1,347	2,906	5,026	228	10,289	26,924	16,841	-	-	1,763	7,075	18,869
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	334	1,417	...
Totals	118	2,989	6,413	10,193	460	19,929	48,568	29,237	43	192	4,189	15,841	32,292

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

Type of organization	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1962													
Individual ownerships	27	62	137	161	13	224	610	383	25	62	66	166	384
Partnerships	9	37	75	100	3	124	359	232	16	74	37	100	242
Incorporated companies	76	2,748	5,993 ^r	9,424	417	19,029	43,606	25,304	...	...	3,681 ^r	13,436	31,274
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	314	1,568	...
Totals	112	2,847	6,205^r	9,684	433	19,376	44,575	25,919	41	156	4,098^r	15,270	31,901
1963													
Individual ownerships	27	73	155	233	14	328	797	454	27	102	77	243	455
Partnerships	9	44	88	121	4	190	445	295	16	90	45	122	314
Incorporated companies	82	2,872	6,169	9,839	442	19,411	47,325	28,488	...	...	3,733	14,058	31,523
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	334	1,417	...
Totals	118	2,989	6,413	10,193	460	19,929	48,568	29,237	43	192	4,189	15,841	32,292

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	44,575	48,568	17,392	12,964	61,967	61,532
Inventories - Goods of own manufacture:						
Add closing - Goods in process	2,351	2,045	...	...	2,351	2,045
Finished goods	5,600	6,339	...	...	5,600	6,339
Less opening - Goods in process	2,070	2,034	...	...	2,070	2,034
Finished goods	4,728	5,292	...	...	4,728	5,292
2. Net inventory change	1,153	1,058	...	...	1,153	1,058
3. Gross output (1 + 2)	45,728	49,626	17,392	12,964	63,120	62,590
Input						
4. Purchases of goods not of own manufacture .....	...	...	11,209	8,742	11,209	8,742
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	4,468	4,212	4,468	4,212
Less closing .....	...	...	4,531	3,363	4,531	3,363
5. Cost of goods sold (not of own manufacture) .....	...	...	11,146	9,591	11,146	9,591
6. Materials, supplies, components and semi-processed goods	19,376	19,929	264	316	19,640	20,245
7. Fuel and electricity	433	460	...	...	433	460
8. Gross input (5 + 6 + 7)	19,809	20,389	11,410	9,907	31,219	30,296
Census value added (3 - 8)	25,919	29,237	5,982	3,055	31,901	32,292

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 distribu- tion	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
number										\$'000					
1962															
Newfoundland															
Prince Edward Island															
Nova Scotia	848	192	3	6	56	27	159	13	866	238	2,135	9	380	877	
New Brunswick															
Quebec															
Ontario	1,429	518	36	87 ^f	301	214	210	25	1,976	824 ^f	7,368	181	2,436	947	
Manitoba															
Saskatchewan	4	3	-	-	5	1	55	11	64	15	21	-	21	470	
Alberta															
British Columbia	25	28	-	-	16	12	30	4	71	44	161	-	99	166	
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals	2,106	741	39	73^f	378	254	454	53	2,977	1,121^f	9,684	190	2,936	2,460	
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nova Scotia	x	-	-	-	x	-	-	-	x	x	x	-	x	-	
New Brunswick	x	-	-	-	x	-	-	-	x	x	x	-	x	-	
Quebec	747	196	-	-	57	34	127	10	931	240	2,583	-	426	701	
Ontario	1,391	566	1	69	295	220	262	33	1,949	888	7,346	78	2,603	1,280	
Manitoba	x	-	-	-	-	-	x	x	x	x	x	-	-	x	
Saskatchewan	x	x	-	-	x	-	-	-	x	x	x	-	x	-	
Alberta	x	x	-	-	x	x	-	-	x	x	x	-	x	-	
British Columbia	47	23	1	-	15	10	25	3	88	36	208	1	107	148	
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals	2,200	789	2	69	374	266	437	52	3,013	1,176	10,193	79	3,164	2,405	

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	1,751	638	2,061	710
February	1,794	676	2,051	722
March	1,803	683	2,022	738
April	1,847	697	2,048	795
May	1,979	694	2,135	766
June	2,045	686	2,124	721
July	1,945	657	1,874	711
August	2,066	663	2,101	688
September	2,105	688	2,019	707
October	2,104	727	2,046	758
November	2,147	724	2,085	780
December	2,033	692	2,047	752
Average for establishments reporting monthly detail (collected only for large establishments) ..	1,969	685	2,053	736
Average for small establishments (only annual averages collected)	137	56	147	53
Average for all establishments	2,106	741	2,200	789

TABLE 4. Industry Inventories, 1963

Province	Manufacturing			Total manufacturing	Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture		Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	x	-	-	x	-	x
New Brunswick	x	x	x	x	-	x
Quebec	838	347	534	1,719	31	1,750
Ontario	4,405	1,637	4,652	10,695	4,082	14,777
Manitoba	-	-	x	x	-	x
Saskatchewan	x	x	x	x	-	x
Alberta	-	-	x	x	-	x
British Columbia	64	41	67	173	99	272
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	5,322	2,034	5,292	12,648	4,212	16,860
Closing:						
Newfoundland	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	x	-	-	x	-	x
New Brunswick	x	x	x	x	-	x
Quebec	906	448	737	2,092	15	2,107
Ontario	4,361	1,542	5,483	11,386	3,243	14,629
Manitoba	-	-	x	x	-	x
Saskatchewan	x	x	x	x	-	x
Alberta	-	-	x	x	-	x
British Columbia	62	42	70	174	104	278
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	5,344	2,045	6,339	13,728	3,363	17,090

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

Description	1962		1963	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton 321	5	240	4
(b) Imported	" 5,262	68	4,924	63
Sub-bituminous coal (from Alberta mines only)	" -	-	30	1
Anthracite coal	" 42	1	63	2
Lignite coal	" -	-	-	-
Coke	" -	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 71,017	29	97,856	36
Fuel oil including kerosene or coal oil	" 390,413	46	408,573	50
Wood	cord 519	3	723	4
Gas:				
(a) Liquefied petroleum gases	Imp. gal. 167,638	19	141,008	20
(b) Other manufactured gas	M cu.ft. -	-	-	-
(c) Natural gas	" 13,351	13	17,878	18
Other fuel .....	...	-	...	2
Electricity purchased	kwh. 13,645,085	220	13,225,162	235
Steam purchased .....	...	2	...	2
2. Estimate for small establishments:				
Fuel and electricity .....	...	28	...	26
3. All establishments:				
Total fuel and electricity used .....	...	433	...	460

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

Description	Cost	
	1962	1963
	\$'000	
1. All materials and components used ¹	17,988	18,555
2. Containers and other packaging materials and supplies used	461	490
3. Operating, maintenance and repair supplies used (excluding fuel)	758	706
4. Amount paid out to others for work done on materials owned by establishments	169	179
Totals	19,376	19,929

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$776,603 in 1962 and \$858,684 in 1963.

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

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Archery tackle	246	288
Baseball equipment and supplies, all kinds	1,534	1,695
Bicycles, and bicycle parts	1	1
Billiard, bowling and football equipment and supplies, all kinds	1	1
Golf equipment and supplies, all kinds	4,923	5,931
Hockey equipment and supplies, all kinds	4,830	5,609
Skiing equipment and supplies, all kinds	348	529
Badminton, tennis and squash equipment and supplies, all kinds	254	264
Fishing rods	2,586	2,786
Fishing lures		
Fishing tackle, other		
Gymnasium equipment	733	977
Playground equipment, (swings, slides, etc.), commercial	1	1
Playground equipment, (swings, slides, etc.), home	1	-
Track and field equipment, n.e.s.	1	1
Miscellaneous equipment (lacrosse, basketball, croquet and volley ball)	302	379
All other sporting goods (including ice skates and roller skates)	26,113	27,836
All other products	2,852	2,488
2. Amount received in payment for work done on materials and products owned by others	84	141
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(231)	(354)
Total adjusted value of shipments and work done	44,575	48,568

¹ Confidential: included in "All other sporting goods".

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 \$'000	Quantity	Value \$'000
Archery tackle .....	...	246	...	288
Baseballs	doz. } 58,906	767	61,499	827
Softballs	"	1,898	...	2,033
Balls, other (basket, golf, footballs, soccer, tennis, etc.).....	No. } 195,368	155	185,326	146
Bats (baseball and softball)	"	1	1	1
Bicycles, and bicycle parts .....	...	1	...	1
Billiard and bowling equipment and supplies .....	...	1	...	1
Fishing rods	No. } 364,880	1,174	422,626	1,226
Fishing lures	" } 3,416,507	893	4,056,458	953
Fishing reels	" } 9,232	26	24,018	67
Fishing tackle, other .....	...	964	...	1,246
Fishing nets, sporting	No. } 41,009	95	45,208	103
Gloves and mitts:				
Baseball	" } 95,141	477	112,003	572
Hockey	pair } 139,424	791	156,770	886
Boxing, etc., n.e.s.	" } 214,820	376	182,359	347
Golf clubs, complete	No. } 516,054	3,223	608,017	3,838
Golf equipment, other .....	...	549	...	683
Gymnasium equipment and supplies .....	...	1,230	...	1,279
Hockey pucks .....	...	1	...	1
Hockey sticks	doz. } 373,199	2,712	356,037	2,895
Playground equipment (swings, slides, etc.), commercial .....	...	1,481	...	1,503
Playground equipment (swings, slides, etc.), home .....	...	1	...	1
Track and field equipment, n.e.s. ....	...	1	...	1
Racquets and frames, tennis	No. } 40,109	243	33,545	209
Racquets and frames, badminton and squash .....	"	...	...	...
Skates, ice	pair } 2,848,965	4,228	3,572,973	5,131
Skates, roller	" } 58,000	143	...	1
Skis (snow and water)	" } 58,578	517	36,889	432
Ski poles and fittings, snow .....	...	1	...	157
Sporting goods, all other .....	...	22,796	...	25,822
Total value of shipments² .....	...	44,984	...	50,643

¹ Confidential: Included in "Sporting goods, all other".

² These shipments do not include ammunition, sporting rifles and other firearms, tents and other canvas products, sleeping bags, and pleasure boats and accessories, generally regarded by the trade as being "Sporting Goods" but not classified as such in the Standard Commodity Classification.

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
Nova Scotia:	
Rocket Bowling Pin Canada Ltd.	Middleton
New Brunswick:	
Eastern Assembly Co. Ltd.	P.O. Box 134, Moncton
Quebec:	
Aqua Lake Mfg. Reg'd.	104, rue Henault, L'Épiphanie
Atelier Sportif Enr.	St-Anselme
Bel-Lo Swimming Pools Inc.	194, Notre Dame, Lavaltrie
Big Chief Manufacturing Reg'd.	Village Huron
Canada Cycles & Motor Co., Ltd., Cho-Wood Division	427 St. James St., St. Johns
Daignault, Rolland Cie Ltée	2567 rue Rouen, Montreal 24
Delta Sport Industries Ltée	Thetford Mines
Des Cormiers, Louis	Becancoeur
Eagle Leather Works Co.	4264 Ontario St. E., Montreal
Faber & Cie	Loretteville
General Recreation Equipment Ltd.	1 Corbeil St., Pont Viau, Montreal, 9
Guillemette, N. Enrg.	rue Principale, St-Elie-de-Caxton
Gymnastic Associates, Ltd.	5357 de Costelle, Montreal North
Jolicoeur, Gaston	4275 Blvd. Henri Bourassa, Charlesbourg
Kingswood Inc.	Pont-Rouge
La Cie Torpedo De Megantic Ltée	16 rue Lévis, Lac Mégantic
Les Produits Aqua Products	8571, Chateaubriand, Montreal 11
Mallhot & Frères Inc.	35 rue Campagna, Victoriaville
Major Rod Mfg. Co., Ltd.	723 Notre Dame St. W., Montreal 3
Michaud, André Inc.	1545 rue Caron, Sherbrooke
Montreal Skis Inc.	333 Port Royal West, Montreal 12
Nadeau & Fils Ltée	Ste-Agathe, Lotbinière
Parent & Fils	59, rue Parent, Loretteville
Picard & Frère Enrg.	Village des Hurons
Precision Wood Craft	4 Gibault St., St. Chrysostome
St. Lawrence Mfg. Co., Inc.	3030 Ste-Anne Blvd., Giffard
Sea Gliders Inc.	2910, rue Champlain, Fabreville
Sherbrooke Wood Products Inc.	985 Galt St. E., Sherbrooke
Sparkling Products Co., Ltd.	333-9th Ave. S., Sherbrooke
Superstrong Wood Products Inc.	7485, Marie Victorin, Brossard
Sher-Wood Hockey Sticks Corp., Ltd., The	2795, Roy Street, Sherbrooke
Trio Sport Co. Ltd.	3435 Metropolitan Blvd. East, Montreal 38
Verdun Steel & Woodwork Reg'd.	296 Gordon Ave., Verdun
Victoria Precision Works Co. Ltd.	2901 Royen St., Montreal 24

List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
Ontario:	
Allcock, Laight & Westwood Ltd.	206 Parkhurst Blvd., Leaside, Toronto 17
Archery Craft	2588 St. Clair Ave. W., Toronto 9
B & S Marine	136 East St. Goderich, Huron Co.
Baker Sporting Goods Ltd.	No. 53 Hwy. Burford Rd., Brantford
Bentley's Sporting Goods, Limited	755 First Ave., Niagara Falls
Best Tackle Mfg. Co. of Canada Ltd.	Lasalle
Blanchard, J.G. Limited	6 Bartlett Ave., Toronto 4
Bonneau, Rollie "Air Kites"	Brighton
Breslau Wood Specialties Limited	Main St., Breslau
Brunswick of Canada, Ltd.	1156 Dundas Highway East, Cooksville
Campbell Mfg. Co., Ltd.	45 Sheppard Ave. E., Willowdale
Canada Cycle & Motor Co., Ltd.	2015 Lawrence Ave. W., Weston
Canada Fishing Tackle & Sports Limited	Ottawa Street, Havelock
Canada Skate Mfg. Co., Ltd., The	236 Victoria St., N. Kitchener
Canadian Gymnasium & Slenderizing Equip., Co., Ltd.	21 Alexander Blvd., Toronto 12
Canadian Metalcraft Products	87 A Awde St., Toronto 4
Chisholm Lacrosse Mfg. Co.	Cornwall Island, Cornwall
Comet Tackle Company Ltd.	60 Front St. W., Toronto 1
Cooper-Weeks Limited	260 Laughton Ave., Toronto 9
Cummings, E.D. (Canada) Ltd.	Main St., Rockwood
Domnion Fishing Tackle Ltd.	Oro Station
Domnion Skate Company Ltd.	3436 Mavis Road, Cooksville
Double Diamond Bowling Supply Ltd.	47 Orfus Road, Toronto 19
Dufferin Patterns & Wood Specialties	98 Advance Rd., Toronto
Dunne, W.H. Skate Company, Ltd.	243 Mac Donnell Ave., Toronto 3
Dunsdon, Les, Limited	18 Hamilton Ave., Brantford
Emmons Industries	47 Westlake Crescent, Toronto 13
Fleet Sporting Goods	Rossmore, Prince Edward Co.
Great Lakes Sporting Goods Ltd.	856 Walker Road, Windsor
Gross Products	Dunedin St., Orillia
Helin Tackle Co., Limited	Front Street, La Salle
Hespeler St. Marys Wood Specialties Ltd.	63 Sheffield St., Hespeler
Hex Baits (1957) Ltd.	R.R. #3 Brockville
Lannom & Wellinger Limited	100 Victoria St., Barrie
Lauman Golf Supply Ltd.	785 Belmont Ave. W., Kitchener
Lindquist Bros. Bait Co. Ltd.	1650 Shawnee Road, Tecumseh
Lucky Strike Bait Works Limited	505 Sherbrooke St., Peterborough
Mc Robert Mfg. Co.	175 Munro St., Toronto 8
MacKinnon, Merton J.	191 Maple St., Eastview
Madsen Mfg. Co., Ltd.	No 7 Highway, Unionville
Mihal, John Cabinet Maker	72 Richardson St., Brantford
Northern Tackle Co. Ltd.	Rockwood
Paris Playground Equipment Ltd.	Paris
Pardix Research Co. Ltd.	3373 Centre Rd., Cooksville
Sarimaa, A.W. Tackle Company	163 Willowdale Ave., Willowdale
Savage Brothers	48 Albert St., Beamsville
Schindler Co. of Canada Limited, The	1 Audrey St., Mimico
Slazengers Canada Ltd.	89 Northline Road, Toronto 16
Spalding, A.G. & Bros. of Canada Ltd.	11 Spalding Drive, Brantford
Shakespeare Co. (Canada) Ltd.	314 Rexdale Blvd., Rexdale
Stag Lubricant Co., Ltd.	Box 73, Rockwood
Three Star Hockey Stick Co.	Breslau
Tillmark Archery	226 Main St., N., Newmarket
Tugg and Mason Limited	396 King St. W., Toronto 2 B
Wally Enterprises Limited	Arnold St., Wallaceburg
Wellinger & Dunn Leather Goods Limited	350 Sorauren Ave., Toronto 3
Werlich Industries Ltd.	131 Bishop St., Preston
Wyllie Webb Co. Ltd.	65 Jefferson Ave., Toronto 3
Manitoba:	
Richard Bait Manufacturing Ltd.	574½ Minto St., Winnipeg 10
Roziense, Andre	125 Handyside Ave., Winnipeg 8
Saskatchewan:	
Douglas, Bill Company Limited	628 Avenue O South, Saskatoon
Prairie Land Products Ltd.	144-105th St. East, Saskatoon
Alberta:	
Thompson-Pallister Bait Co. Ltd.	5019-51st Street, Lacombe
British Columbia:	
Caldwell Industries Company Ltd.	124 Mountain Highway, North Vancouver
Dagg, Walter B. Agencies	2945 West 10th Ave., Vancouver
Davis, Rhys, A.	2070 Lands End Rd., Sidney
Dooley, L.R. Mfg. Co.	R.R. 1 Kelowna
Fifer Fishing Rod Mfg.	5842 Byrant St., Burnaby 1
Gibbs Tool & Stamping Works Ltd.	290 West Third Ave., Vancouver 10
J. & D. Industries (1963) Ltd.	10888-125th St., North Surrey
Jenson, Luhr & Sons Ltd.	8144 Cambie St., Vancouver
Lex Enterprises Ltd.	2686 West Broadway, Vancouver
Maxwell, R.J. Ltd.	1178 Hamilton St., Vancouver
Northwest Tackle Mfg. Ltd.	645 Victoria St., Kamloops
Nygio Products Ltd.	Hope
Pretz & Son	574 Johnson St., Victoria
Pioneer Envelopes Ltd. (Guldcraft Div.)	560 Cambie St., Vancouver
Richardson Cabinet Makers	7765-6th St., Burnaby
Rob-Make Mfg. Ltd.	5488 Imperial St., South Burnaby
Scott Plastics Ltd.	21 Erie St., Victoria
Silver Horde Fishing Supplies Ltd.	Cowichan Station
Williams Archery Co. Ltd.	Ladysmith

SECTION 2. TOYS AND GAMES 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 toys of all kinds such as tricycles, dolls, wagons, sleighs, and games".

No detailed information is collected on manufacturing materials and supplies used by this industry so that Table 6 presents these data with a minimum of breakdown. Many establishments, not classified to this industry, manufacture toys and games as secondary products. For this reason the shipments of goods of own manufacture in Table 7 have been shown in abridged form in order that the shipments of toys and games by all industries might be presented in Table 8 with as much detail as possible.

A list of the establishments classified to this industry in the 1963 survey will be found at the end of this section of the report.

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	73	2,424	4,868	5,496	264	14,775	29,614	14,443	31	128	3,037	8,115	14,993
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	3	4	10	10	1	12	39	24	x	x	4	10	24
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	14	604	1,259	1,424	69	3,593	7,100	3,522	3	9	737	2,162	3,593
Ontario	52	2,128	4,518	4,846	232	14,696	26,700	12,569	15	47	2,667	7,004	13,011
Manitoba	2	11	24	28	1	43	126	93	x	x	19	33	92
Saskatchewan	-												
Alberta	1												
British Columbia	4												
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	76	2,747	5,811	6,309	303	18,343	33,965	16,207	24	66	3,427	9,208	16,720
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	3	4	8	9	-	10	31	24	x	x	4	9	25
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	15	625	1,351	1,445	70	4,375	7,532	2,873	5	15	750	2,239	3,082
Ontario	54	2,134	4,595	5,144	216	16,246	30,158	14,139	15	53	2,559	7,566	14,527
Manitoba	3	9	18	23	1	88	201	127	x	x	15	37	127
Saskatchewan	-												
Alberta	-												
British Columbia	4												
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	79	2,772	5,973	6,622	286	20,718	37,921	17,163	26	77	3,328	9,850	17,760

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	12	10	19	23	1	22	57	23	7	11	14	26	22
\$ 10,000 to \$ 24,999	10	18	40	41	2	55	166	106	8	18	18	41	109
25,000 " 49,999	6	17	43	44	2	86	216	134	3	12	26	54	134
50,000 " 99,999	9	57	130	131	5	289	655	372	4	14	73	197	371
100,000 " 199,999	8	122	271	279	14	616	1,147	587	2	11	144	388	584
200,000 " 499,999	9	234	535	513	22	1,647	2,823	1,146	-	-	271	692	1,138
500,000 " 999,999	11	525	1,172	1,280	71	4,923	8,014	3,241	-	-	623	1,860	3,284
1,000,000 " 4,999,999	11	1,764	3,602	3,997	186	10,706	20,888	10,598	-	-	2,258	5,950	11,078
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	76	2,747	5,811	6,309	303	18,343	33,965	16,207	24	66	3,427	9,208	16,720
1963													
Under \$10,000	10	3	7	7	-	16	49	18	8	12	4	8	18
\$ 10,000 to \$ 24,999	7	10	20	24	-	47	106	63	4	9	12	31	68
25,000 " 49,999	9	25	53	62	1	155	315	151	8	29	30	73	157
50,000 " 99,999	7	23	50	54	3	225	493	251	2	5	32	88	261
100,000 " 199,999	12	136	293	337	20	778	1,687	896	4	22	161	451	893
200,000 " 499,999	11	238	514	545	26	1,903	3,247	1,455	-	-	276	729	1,443
500,000 " 999,999	9	443	961	1,104	57	3,599	6,188	2,458	-	-	501	1,523	2,426
1,000,000 " 4,999,999	14	1,894	4,074	4,489	179	13,997	25,837	11,850	-	-	2,312	6,947	12,494
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	79	2,772	5,973	6,622	286	20,718	37,921	17,163	26	77	3,328	9,850	17,760

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	17	15	30	34	3	45	123	63	11	21	19	37	63
\$ 10,000 to \$ 24,999	10	29	70	70	3	109	274	156	7	20	32	78	159
25,000 " 49,999	10	57	127	127	5	368	723	406	3	9	79	200	403
50,000 " 99,999	9	142	312	323	14	801	1,449	670	3	17	166	440	688
100,000 " 199,999	9	268	631	602	29	1,911	3,227	1,272	-	-	311	817	1,256
200,000 " 499,999	12	644	1,400	1,479	71	6,556	10,190	3,838	-	-	769	2,255	4,158
500,000 " 999,999	6	713	1,546	1,794	81	4,731	9,246	4,757	-	-	1,017	2,717	4,998
1,000,000 " 4,999,999	3	879	1,695	1,880	97	3,822	8,734	5,044	-	-	1,034	2,664	5,017
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	76	2,747	5,811	6,309	303	18,343	33,965	16,207	24	66	3,427	9,208	16,720
1963													
Under \$10,000	13	8	17	19	-	40	98	58	11	20	8	19	62
\$ 10,000 to \$ 24,999	14	33	72	82	2	245	469	184	9	30	39	101	191
25,000 " 49,999	6	18	36	38	2	307	510	223	2	5	29	66	220
50,000 " 99,999	12	133	289	310	16	864	1,675	842	3	16	156	416	840
100,000 " 199,999	12	258	519	595	35	2,297	3,994	1,660	1	6	307	869	1,632
200,000 " 499,999	11	611	1,305	1,651	81	5,713	9,453	3,397	-	-	726	2,405	3,720
500,000 " 999,999	8	748	1,611	1,717	64	6,826	12,652	5,993	-	-	903	2,526	6,002
1,000,000 " 4,999,999	3	963	2,124	2,210	87	4,426	9,072	4,805	-	-	1,160	3,449	5,094
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	79	2,772	5,973	6,622	286	20,718	37,921	17,163	26	77	3,328	9,850	17,760

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	17	15	30	34	3	45	123	63	11	21	19	37	63
\$ 10,000 to \$ 24,999	10	29	70	70	3	109	274	156	7	20	32	78	159
25,000 "	10	57	127	127	5	368	723	406	3	9	79	200	403
50,000 "	9	142	312	323	14	801	1,449	670	3	17	166	440	668
100,000 "	9	268	631	602	29	1,911	3,227	1,272	-	-	311	817	1,256
200,000 "	11	525	1,153	1,265	63	5,623	8,887	3,453	-	-	625	1,866	3,500
500,000 "	5	523	1,133	1,107	53	3,741	6,907	3,329	-	-	627	1,671	3,575
1,000,000 "	5	1,188	2,355	2,781	133	5,746	12,376	6,857	-	-	1,568	4,100	7,097
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	76	2,747	5,811	6,309	303	18,343	33,965	16,207	24	66	3,427	9,208	16,720
1963													
Under \$10,000	13	10	23	24	--	70	108	40	10	18	10	25	47
\$ 10,000 to \$ 24,999	14	31	65	77	2	215	458	202	10	32	37	96	206
25,000 "	6	18	36	38	2	307	510	223	2	5	29	66	220
50,000 "	12	133	289	310	16	864	1,675	842	3	16	156	416	840
100,000 "	12	258	519	595	35	2,297	3,994	1,660	1	6	307	869	1,632
200,000 "	10	441	990	1,111	52	4,548	7,647	3,038	-	-	519	1,609	3,144
500,000 "	9	918	1,926	2,256	92	7,991	14,458	6,351	-	-	1,110	3,322	6,578
1,000,000 "	3	963	2,124	2,210	87	4,426	9,072	4,805	-	-	1,160	3,449	5,094
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	79	2,772	5,973	6,622	286	20,718	37,921	17,163	26	77	3,328	9,850	17,760

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	26	32	69	74	4	156	408	230	16	37	39	87	232
5- 14 employed	14	95	223	225	13	637	1,243	647	6	18	126	337	646
15- 49 "	15	303	688	692	27	2,683	4,546	1,974	2	11	371	1,023	2,062
50- 99 "	13	716	1,544	1,608	80	6,675	11,327	4,896	-	-	834	2,290	4,820
100-199 "	4	485	1,080	1,047	50	3,198	5,863	2,782	-	-	575	1,550	3,035
200-499 "	4	1,118	2,208	2,662	129	4,994	10,579	5,678	-	-	1,482	3,921	5,926
500 employed and over	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	76	2,747	5,811	6,309	303	18,343	33,965	16,207	24	66	3,427	9,208	16,720
1963													
Under 5 employed	26	19	40	48	4	605	991	454	18	44	26	71	456
5- 14 employed	15	88	193	218	9	513	1,142	573	6	23	112	318	578
15- 49 "	20	408	826	926	50	5,009	8,587	3,456	2	10	507	1,465	2,549
50- 99 "	10	632	1,365	1,480	64	5,203	9,553	4,457	-	-	717	2,008	4,418
100-199 "	5	618	1,393	1,493	50	4,747	8,649	4,076	-	-	769	2,371	4,294
200-499 "	3	1,007	2,157	2,456	110	4,630	9,000	4,146	-	-	1,197	3,618	4,466
500 employed and over	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	79	2,772	5,973	6,622	286	20,718	37,921	17,163	26	77	3,328	9,850	17,760

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

Type of organization	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1962													
Individual ownerships	16	28	71	73	4	117	306	185	16	39	31	84	188
Partnerships	4	25	56	54	1	112	262	146	8	27	25	54	146
Incorporated companies	56	2,694	5,684	6,181	299	18,114	33,398	15,877	...	...	3,371	9,070	16,387
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	76	2,747	5,811	6,309	303	18,343	33,965	16,207	24	66	3,427	9,208	16,720
1963													
Individual ownerships	16	24	52	68	4	154	412	242	16	42	27	76	246
Partnerships	5	25	56	56	1	146	310	180	10	35	25	56	179
Incorporated companies	56	2,723	5,865	6,497	281	20,419	37,199	16,741	...	...	3,276	9,718	17,335
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	79	2,772	5,973	6,622	286	20,718	37,921	17,163	26	77	3,328	9,850	17,760

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	33,965	37,921	3,263	4,315	37,228	42,236
Inventories—Goods of own manufacture:						
Add closing—Goods in process	767	691	...	...	767	691
Finished goods	3,154	3,599	...	...	3,154	3,599
Less opening—Goods in process	840	648	...	...	840	648
Finished goods	2,192	3,396	...	...	2,192	3,396
2. Net inventory change	889	246	...	...	889	246
3. Gross output (1 + 2)	34,854	38,167	3,263	4,315	38,117	42,482
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,830	3,511	2,830	3,511
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	491	769	491	769
Less closing .....	...	...	768	791	768	791
5. Cost of goods sold (not of own manufacture) .....	...	...	2,553	3,489	2,553	3,489
6. Materials, supplies, components and semi-processed goods	18,343	20,718	197	228	18,540	20,946
7. Fuel and electricity	303	286	...	...	303	286
8. Gross input (5 + 6 + 7)	18,646	21,004	2,750	3,717	21,396	24,721
Census value added (3 - 8)	16,207	17,163	513	597	16,720	17,760

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Administrative and office		Sales and distribution		Total employees		Production and related workers		Administrative 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	4	-	-	-	-	-	-	-	4	-	10	-	-	-	10
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	292	312	-	-	69	32	29	3	390	347	1,424	-	564	174	2,162
Ontario	804	1,324	-	155	159	144	63	18	1,026	1,641	4,846	74	1,649	434	7,004
Manitoba															
Saskatchewan	6	5	-	5	2	1	-	-	8	11	28	2	2	-	33
Alberta															
British Columbia															
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,106	1,641	-	160	230	177	92	21	1,428	1,999	6,309	76	2,215	608	9,208
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	4	-	-	-	-	-	-	-	4	-	9	-	-	-	9
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	289	336	5	-	60	28	28	4	382	368	1,445	28	563	202	2,239
Ontario	776	1,358	4	25	186	151	44	15	1,010	1,549	5,144	65	1,931	425	7,566
Manitoba															
Saskatchewan	5	4	-	-	2	4	-	-	7	8	23	-	14	-	37
Alberta															
British Columbia															
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,074	1,698	9	25	248	183	72	19	1,403	1,925	6,622	94	2,508	627	9,850

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

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	731	979	800	1,070
February	774	1,034	818	1,133
March	836	1,167	860	1,233
April	897	1,242	885	1,286
May	932	1,273	940	1,428
June	1,019	1,343	969	1,458
July	968	1,472	1,063	1,645
August	1,145	1,798	1,136	2,041
September	1,198	2,113	1,229	2,342
October	1,413	2,501	1,225	2,402
November	1,457	2,312	1,092	2,195
December	895	1,214	850	1,275
Average for establishments reporting monthly detail (collected only for large establishments) ..	1,022	1,540	992	1,627
Average for small establishments (only annual averages collected)	84	101	82	71
Average for all establishments	1,106	1,641	1,074	1,698

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	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	10	10	—	10
New Brunswick	—	—	—	—	—	—
Quebec	676	350	1,016	2,042	142	2,183
Ontario	2,925	294	2,340	5,559	627	6,186
Manitoba	19	3	31	53	—	53
Saskatchewan						
Alberta						
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	3,620	648	3,396	7,664	769	8,433
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	14	14	—	14
New Brunswick	—	—	—	—	—	—
Quebec	818	295	858	1,970	227	2,198
Ontario	3,414	388	2,688	6,490	563	7,054
Manitoba	18	8	39	65	—	65
Saskatchewan						
Alberta						
British Columbia	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	4,250	691	3,599	8,539	791	9,330

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

Description	1962		1963		
	Quantity	Cost \$'000	Quantity	Cost \$'000	
1. Large establishments which reported commodity detail:					
Bituminous coal:					
(a) From Canadian mines	ton	223	4	331	5
(b) Imported	"	—	—	—	—
Sub-bituminous coal (from Alberta mines only)	"	—	—	—	—
Anthracite coal	"	65	1	—	—
Lignite coal	"	—	—	—	—
Coke	"	—	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	52,043	21	50,222	20
Fuel oil including kerosene or coal oil	"	341,131	55	292,550	40
Wood	cord	—	—	45	—
Gas:					
(a) Liquefied petroleum gases	Imp. gal.	120	—	849	—
(b) Other manufactured gas	M cu.ft.	—	—	—	—
(c) Natural gas	"	72,661	53	48,554	52
Other fuel .....	...	—	—	—	—
Electricity purchased	kwh.	9,336,227	140	10,918,203	150
Steam purchased .....	...	—	5	—	—
2. Estimate for small establishments:					
Fuel and electricity .....	...	—	24	—	30
3. All establishments:					
Total fuel and electricity used .....	...	—	303	...	286

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

Description	Cost	
	1962	1963
	\$'000	
1. All materials and components used ¹	15,385	17,604
2. Containers and other packaging materials and supplies used	1,957	1,941
3. Operating, maintenance and repair supplies used (excluding fuel)	606	524
4. Amount paid out to others for work done on materials owned by establishments	395	649
Totals	18,343	20,718

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$877,993 in 1962 and \$740,764 in 1963.

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

Description	1962		1963	
	Quantity	Value	Quantity	Value
	doz.	\$'000	doz.	\$'000
1. Products:				
Dolls	1	160,353	5,217
Dolls' furnishings	1	...	1
Metal toys	1	...	1,344
Plastic toys (including inflatable type)	9,297	...	13,215
Wooden toys	591	...	539
Stuffed animals, etc.	175,435	3,181	182,726	3,621
Toy vehicles	1	...	376
Other toys	17,687	...	10,751
Games and puzzles	2,821	...	2,327
All other products	682	...	872
2. Amount received in payment for work done on materials and products owned by others	42	...	82
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(334)	...	(421)
Total adjusted value of shipments and work done	33,965	...	37,921

¹ Confidential, included with "Other toys".

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	
		\$'000		\$'000	
Balloons	gross	364,200	647	389,274	689
Dolls' carriages (including prams and strollers)	No.	214,996	1,423	270,278	1,581
Dolls' furniture .....	...	...	128	...	207
Dolls	doz.	161,708	4,689	166,961	5,261
Dolls' clothes, shoes, etc. ....	...	...	1	...	1
Play balls, rubber and plastic (including bladders for footballs, etc.)	doz.	330,670	798	...	...
Pools, wading	No.	219,201	935	...	953
Sleighs, children's	"	134,716	354	150,187	397
Toboggans	"	247,112	1,112	236,500	1,084
Tricycles, all types	"	173,062	1,592	162,675	1,506
Other children's vehicles .....	...	...	487	...	651
Games and puzzles .....	...	...	4,705	...	4,138
Metal toys .....	...	...	2,421	...	1,364
Plastic toys .....	...	...	11,239	...	16,070
Rubber toys and novelties .....	...	...	1	...	1
Stuffed animals	doz.	175,435	3,181	182,726	3,621
Wooden toys .....	...	...	981	...	638
Miscellaneous toys (including toy vehicles) .....	...	...	8,974	...	8,574
Total value of shipments² .....	...	43,666	...	46,734	

¹ Confidential, included in "Miscellaneous toys".

² These shipments do not include Christmas decorations, displays and Christmas tree holders; artificial Christmas trees; school bags; briefs, stationery and portfolio cases and bags; playing cards; home playground equipment and Christmas tree lighting sets and bulbs. All of these commodities are generally regarded by the trade as being "Toys and Games", but are not classified as such in the Standard Commodity Classification. The total shipments of these products by all Canadian manufacturers, with the exception of Christmas tree lighting sets and bulbs for which no separate data are available, were valued at \$8,722,000 in 1962 and, on a preliminary basis, at \$9,346,000 in 1963.

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
Nova Scotia:	
Hardwood Specialties Ltd.	St. Anthony St., Annapolis Royal
Maba Toys Ltd.	Cliff Street, Yarmouth
Kerr, Merlin Woodworkers	Meaghers Grout, Cte Halifax
Quebec:	
Carzol Plastics Corporation	8490 Jeanne Mance, Montreal
Central Toy Mfg. Co.	500 Sauvé St., Montreal
Coriveau O. V. Fils Ltée	Bld. St-Nicholas, Montmagny
D.M.A. Industries Inc.	10,419 Ethier St., Montreal North
Eagle Toys Limited	4701 Rivard St., Montreal
Future Scientist Kits Inc.	384 Craig St. W., Montreal
Gradek Woodwork Co. Ltd.	Grande Presnière, St-Eustache
Kiddies Wall Plaque Co.	720 Marion St., Montreal
Mighty Star Ltd.	1027 Jeanne Mance, Montreal
Morin Woodcraft Reg'd.	St-Pie-de-Bagot
Overbrook Novelties Inc.	251 Laramée Blvd., Hull
Richard Toys Reg'd.	146 Chemin Chambly, Longueuil
St. Ferdinand Furniture Ltd.	St-Ferdinand
Scotte H.A. Mfg. Co.	Rawdon
Super Toys Ltd.	6005 Côte de Liesse Rd., St-Laurent
Ontario:	
Amsco (Canada) Ltd.	24 Front St. E., Toronto
Allen Wood Products Ltd.	Feneion Falls
Allied Toys & Enterprises Ltd.	604 King St. W., Toronto 2B
Bishop, W.F. & Son Ltd.	Unionville, York Co.
Brown's Manufacturing Co.	15A Sinclair Street, Toronto 18
Caper Toy Co. Ltd.	9 Davies Ave., Toronto 4
Cohn, T. Canada Ltd.	125 Tycos Drive, Toronto 10
Coopex Plastics Co. Ltd.	183 Duke St., Toronto 2
Daisy Manufacturing Co. of Canada Ltd.	185 King St., Preston
Dee & Cee Toy Co. Ltd.	760 Lawrence Ave. W., Toronto 19
De Lux Reading Canada Ltd.	18 Rathern Rd., Toronto
Dunston, Les Limited	18 Hamilton Ave., Brantford
Eldon Industries of Canada Limited	1315 Lawrence Avenue, Don Mills
Elliott, W.A. Co.	324 King St. W., Toronto 2B
Enterprise Toy Products Ltd.	121-123 Ossington Ave., Toronto 3
Ganz Bros., Toys Ltd.	39 Orfus Road, Toronto 19
Gibbert, A.C. of Canada Ltd.	2422 Fairview Ave., Burlington
Gregg Model Aircraft Supply Co.	1 23 Niagara St., Toronto 2B
Harvey, Bernard	On Highway 124, McKeller Township
Henry, M.A. Limited	James St., Dundas
Ingram, Adam Mfg. Co.	1241 McDougall, Windsor
Kelton Corporation Limited	276 Davenport Road, Toronto
Kenner Products (Canada) Limited	24 Front St. W., Toronto 2
Lido (Canada) Reg'd.	125 Tycos Drive, Toronto 10
Majestic Toy, Ltd.	183 Dovercourt Road, Toronto 3
Mantel Manufacturing Co.	58 Duke Street, Toronto 2
Margon Corporation	68 Broadview Avenue, Toronto 8
Marx, Louis Co. of Canada Limited	21 Dundas Square, Toronto 2
Mercury Tool & Stamping Ltd.	5 Racine Road, Rexdale
Miller Toys Limited	Tilbury
Miller Leather Products Ltd.	100 Richmond St. E., Toronto 1
Munro Games Limited	2422 Fairview Ave., Burlington
Nicky's Toy Mfg. Co.	21 Apex Road, Toronto 19
Oak Leaf Toy Co., The	76 Queen St. E., St. Catharines
Ogilvie, Esther	48 Sherbourne St., Toronto 6
Palmer-Pann Corp. (Canadian Division)	945 Prince Road, Windsor
Parker Bros. Games Ltd.	122 Cartwright Ave., Toronto 19
"Pax" Manufacturing Co. Ltd.	1121 Queen St. E., Toronto 8
Pre-School Mfg. Ltd.	29 Colborne St., Chatham
Preston Manufacturing Limited	Hespeler
Princess Toy Mfg. Co.	183 Bathurst St., Toronto 2B
Pullan, Earle Co. Ltd.	469 King St. West, Toronto 2B
Regal Toy Limited	35 Tutland Road, Toronto 18
Reliable Toy Co. Ltd.	258 Carlaw Ave., Toronto 8
Renee's Toy Manufacturing	380 Adelaide St. W., Toronto 2B
Riddell Sign Service	1026 Colborne St. E., Brantford
Standard Crafts (Preston) Ltd.	Hespeler
Star Doll Mfg. Co. Ltd.	48 Abell St., Toronto 3
Sylva Products	70 Dundas St., Brantford
Transogram (Canada) Ltd.	24 Front St. E., Toronto
Unique Toy Co. Ltd.	50 Lombard St. Toronto 9
Voilans Industries Limited	Andrew St. S., Orillia
Winston Plastics Ltd.	375 Danforth Rd., Scarborough
Wis Ton Mfg. Co. Ltd.	156 Sussex News, Toronto 4
Manitoba:	
Mar-Velle Toy & Doll Co.	360 Princess St., Winnipeg
Rosa Mfg. Co. Ltd.	164 Princess St., Winnipeg
Winnipeg Toy Co.	613 Alverstone St., Winnipeg 10
British Columbia:	
Blair Toy & Novelty Works, The	85 Burnside Rd. W., Victoria
McFee Manufacturing	12145-66th Ave., North Surrey
Palmer, R.L. Mfg. Ltd.	RR1 Westsyde, Kamloops
Ryco Sales Ltd.	Room 405-402 West Pender, St., Vancouver 3

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".

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