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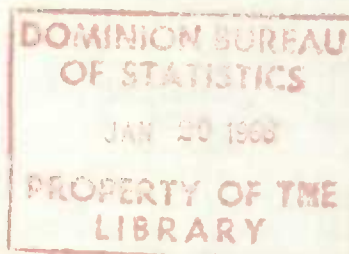
ANNUAL



CANVAS PRODUCTS INDUSTRY

1963

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PUBLICATIONS

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A — Annual

Q — Quarterly

M — Monthly

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CANVAS PRODUCTS 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 awnings, tents, sails, tarpaulins, canopies and bags made from canvas fabric".

As will be noted from most tables in this report, the manufacturing and the total activities in this industry in 1963 was greater than in 1962. Tables 6 and 7, respectively, show in detail the materials and supplies used in manufacturing and the shipments of goods of own manufacture.

Table 8 shows the shipments of selected commodities by all industries for the years 1962 and 1963. Since practically all tents in Canada are made by manufacturers classified to this industry, this commodity has not been included in Table 8, but only shown in Table 7. Instead, the all-industry shipments of "Sleeping bags, all types" and of "Life saving equipment", both important secondary products of this industry, have been presented in Table 8.

A list of the establishments classified to the 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	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	
1961													
Totals	131	1,247	2,594	3,025	170	9,391	17,791	8,172	90	334	1,666	4,806	8,460
1962													
Newfoundland	1	28	59	77	4	169	333	161	5	12	37	114	164
Prince Edward Island	—												
Nova Scotia	4												
New Brunswick	2												
Quebec	28	432	920	993	60	3,204	5,912	2,660	14	58	559	1,674	2,754
Ontario	68	604	1,252	1,515	84	5,345	9,266	3,938	45	160	800	2,324	4,137
Manitoba	10	62	117	129	10	459	867	399	6	14	84	240	412
Saskatchewan	3												
Alberta	7	57	119	143	6	495	933	440	3	34	80	223	462
British Columbia	11	143	303	402	18	950	1,967	1,009	7	29	203	658	1,082
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	134	1,326	2,769	3,259	183	10,623	19,279	8,608	80	306	1,763	5,233	9,013
1963													
Newfoundland	1	x	x	x	—	x	x	x	x	x	x	x	x
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	4	16	31	45	4	103	218	115	4	11	21	63	118
New Brunswick	2	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	30	424	921	1,045	61	3,150	6,030	2,768	16	68	553	1,726	2,835
Ontario	72	641	1,346	1,650	95	5,767	10,161	4,266	51	185	842	2,469	4,558
Manitoba	11	58	112	127	11	460	838	379	7	21	78	232	394
Saskatchewan	3	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	7	65	127	178	9	650	1,252	591	3	34	93	280	609
British Columbia	13	142	292	426	21	918	2,030	1,118	9	35	206	710	1,211
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	143	1,357	2,849	3,501	203	11,120	20,699	9,333	95	367	1,807	5,519	9,825

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 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	14	1	4	4	2	32	87	53	14	30	1	4	53
\$ 10,000 to \$ 24,999	23	28	51	54	7	169	394	205	26	66	31	63	209
25,000 " 49,999	30	94	193	229	16	428	1,019	569	26	119	117	301	573
50,000 " 99,999	26	159	330	417	28	786	1,858	1,064	10	49	219	638	1,107
100,000 " 199,999	21	228	479	617	32	1,266	2,887	1,611	4	41	321	1,036	1,766
200,000 " 499,999	12	233	488	583	32	1,789	3,350	1,569	—	—	324	1,013	1,669
500,000 " 999,999	5	200	435	463	39	2,568	3,755	1,148	—	—	251	690	1,200
1,000,000 " 4,999,999	3	383	789	891	28	3,585	5,928	2,389	—	—	499	1,486	2,438
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	134	1,326	2,769	3,259	183	10,623	19,279	8,608	80	306	1,763	5,233	9,013
1963													
Under \$10,000	18	5	7	6	1	40	104	64	17	32	6	8	65
\$ 10,000 to \$ 24,999	22	22	47	49	5	172	366	188	24	66	24	55	189
25,000 " 49,999	34	107	216	249	20	567	1,281	723	33	151	135	343	771
50,000 " 99,999	25	136	291	395	26	763	1,721	951	17	76	194	591	976
100,000 " 199,999	23	242	494	679	48	1,435	3,100	1,619	2	11	335	1,092	1,837
200,000 " 499,999	12	230	477	609	37	2,109	3,805	1,659	2	30	324	1,048	1,737
500,000 " 999,999	5	196	411	471	34	2,043	3,233	1,191	—	—	247	674	1,269
1,000,000 " 4,999,999	4	419	906	1,043	32	3,991	7,090	2,937	—	—	542	1,709	2,981
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	143	1,357	2,849	3,501	203	11,120	20,699	9,333	95	367	1,807	5,519	9,825

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 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	28	20	39	39	5	155	306	135	32	71	21	50	139
\$ 10,000 to \$ 24,999	40	110	219	262	20	592	1,320	700	31	130	140	348	703
25,000 " 49,999	20	113	240	326	20	563	1,315	736	13	64	147	450	741
50,000 " 99,999	25	275	580	680	38	1,662	3,342	1,677	4	41	381	1,127	1,868
100,000 " 199,999	14	261	541	670	49	1,830	3,838	1,982	—	—	378	1,216	2,107
200,000 " 499,999	7	547	1,149	1,282	50	5,821	9,158	3,378	—	—	696	2,042	3,454
500,000 " 999,999		—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	134	1,326	2,769	3,259	183	10,623	19,279	8,608	80	306	1,763	5,233	9,013
1963													
Under \$10,000	37	22	42	45	7	216	436	213	40	91	24	50	217
\$ 10,000 to \$ 24,999	28	71	145	175	13	459	962	488	24	112	88	237	527
25,000 " 49,999	32	163	339	442	30	904	1,955	1,064	24	109	228	665	1,170
50,000 " 99,999	24	239	497	649	41	1,416	3,122	1,676	5	25	331	1,052	1,801
100,000 " 199,999	12	217	443	577	40	1,923	3,528	1,559	2	30	294	958	1,657
200,000 " 499,999	7	288	633	698	45	2,991	4,795	1,819	—	—	370	1,033	1,889
500,000 " 999,999	3	357	751	916	28	3,210	5,901	2,516	—	—	472	1,523	2,565
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over		—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	143	1,357	2,849	3,501	203	11,120	20,699	9,333	95	367	1,807	5,519	9,825

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				
		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	28	20	39	39	5	154	306	135	32	71	21	50	139
\$ 10,000 to \$ 24,999	41	116	229	277	20	640	1,392	725	31	130	147	366	728
25,000 " 49,999	18	108	237	302	20	505	1,179	664	13	64	138	401	665
50,000 " 99,999	22	230	494	573	27	1,427	2,832	1,404	4	41	313	928	1,471
100,000 " 199,999	19	356	729	881	65	2,713	5,244	2,502	—	—	509	1,608	2,751
200,000 " 499,999	3	113	252	296	16	1,599	2,398	788	—	—	136	393	821
500,000 " 999,999	3	383	789	891	28	3,585	5,928	2,389	—	—	499	1,486	2,438
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	134	1,326	2,769	3,259	183	10,623	19,279	8,608	80	306	1,763	5,233	9,013
1963													
Under \$10,000	37	22	42	46	6	203	424	213	39	88	25	53	214
\$ 10,000 to \$ 24,999	26	65	133	159	12	448	907	448	22	93	81	219	473
25,000 " 49,999	31	145	300	384	26	833	1,793	977	24	119	190	537	1,004
50,000 " 99,999	24	236	488	625	41	1,300	2,938	1,604	8	37	331	1,019	1,664
100,000 " 199,999	15	244	503	674	45	2,135	3,940	1,757	2	30	338	1,136	2,016
200,000 " 499,999	7	288	633	698	45	2,991	4,795	1,819	—	—	370	1,033	1,889
500,000 " 999,999	3	357	751	916	28	3,210	5,901	2,516	—	—	472	1,523	2,565
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	143	1,357	2,849	3,501	203	11,120	20,699	9,333	95	367	1,807	5,519	9,825

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				
		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 5 employed	52	59	120	142	13	435	1,042	584	54	162	68	165	586
5- 14 employed	49	284	597	772	49	1,609	3,649	2,007	22	103	383	1,187	2,077
15- 49 " "	28	513	1,081	1,287	69	4,024	7,303	3,268	4	41	698	2,097	3,533
50- 99 " "	5	470	972	1,058	51	4,554	7,284	2,749	—	—	814	1,784	2,816
100-199 " "													
200-499 " "	3	357	751	916	27	3,210	5,901	2,516	—	—	472	1,523	2,565
500 employed and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	134	1,326	2,769	3,259	183	10,623	19,279	8,608	80	306	1,763	5,233	9,013
1963													
Under 5 employed	60	68	135	162	14	612	1,268	645	61	192	79	198	677
5- 14 employed	49	284	596	772	53	1,668	3,643	1,969	30	134	382	1,146	2,029
15- 49 " "	26	419	864	1,097	70	3,288	6,243	2,881	4	41	581	1,830	3,202
50- 99 " "	5	229	504	554	39	2,342	3,645	1,322	—	—	293	822	1,353
100-199 " "	3	357	751	916	27	3,210	5,901	2,516	—	—	472	1,523	2,565
200-499 " "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	143	1,357	2,849	3,501	203	11,120	20,699	9,333	95	367	1,807	5,519	9,825

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	50	137	277	320	23	659	1,445	764	47	170	159	370	774
Partnerships	17	39	80	100	8	236	629	382	33	136	45	116	380
Incorporated companies	67	1,150	2,413	2,839	152	9,728	17,204	7,462	...	...	1,559	4,746	7,858
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	134	1,326	2,769	3,259	183	10,623	19,279	8,608	80	306	1,763	5,233	9,013
1963													
Individual ownerships	52	141	290	338	21	772	1,599	841	49	172	158	385	878
Partnerships	23	67	135	172	13	423	1,075	659	46	195	76	198	678
Incorporated companies	68	1,149	2,425	2,991	169	9,924	18,025	7,833	...	...	1,573	4,936	8,269
Cooperatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	143	1,357	2,849	3,501	203	11,120	20,699	9,333	95	367	1,807	5,519	9,825

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	19,279	20,699	1,800	1,982	21,079	22,681
Inventories—Goods of own manufacture:						
Add closing—Goods in process	482	551	...	...	482	551
Finished goods	1,440	1,653	...	...	1,440	1,653
Less opening—Goods in process	414	472	...	...	414	472
Finished goods	1,374	1,775	...	...	1,374	1,775
2. Net inventory change	134	(43)	...	...	134	(43)
3. Gross output (1 + 2)	19,413	20,656	1,800	1,982	21,213	22,638
Input						
4. Purchases of goods not of own manufacture .....	...	...	1,385	1,428	1,385	1,428
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	228	291	228	291
Less closing .....	...	...	302	321	302	321
5. Cost of goods sold (not of own manufacture) .....	...	...	1,311	1,398	1,311	1,398
6. Materials, supplies, components and semi-processed goods	10,623	11,120	83	92	10,706	11,212
7. Fuel and electricity	183	203	...	...	183	203
8. Gross input (5 + 6 + 7)	10,806	11,323	1,394	1,490	12,200	12,813
Census value added (3 - 8)	8,608	9,333	406	492	9,013	9,825

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		Admin- istrative and office	Sales and distrib- ution	Total salaries and wages	
	Manufacturing		Other								Manufac- turing	Other				
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						
	number										\$'000					
1962																
Newfoundland	}															
Prince Edward Island																
Nova Scotia		19	9	-	-	4	5	-	-	23	14	78	-	36	-	114
New Brunswick																
Quebec		216	216	-	-	57	29	41	-	314	245	993	-	455	227	1,674
Ontario		286	318	1	-	77	67	48	3	412	388	1,515	1	602	206	2,324
Manitoba	}															
Saskatchewan		21	41	-	-	11	10	1	-	33	51	129	-	106	6	240
Alberta		23	34	-	-	12	8	3	-	38	42	143	-	64	15	223
British Columbia		46	97	2	-	20	16	22	-	90	113	402	10	152	94	658
Yukon and Northwest Terri- tories		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals		611	715	3	-	181	135	115	3	910	853	3,259	11	1,415	548	5,233
1963																
Newfoundland		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia		8	8	-	-	3	2	-	-	11	10	45	-	18	-	63
New Brunswick		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Quebec		213	211	-	-	59	30	40	-	312	241	1,045	-	452	229	1,726
Ontario		307	334	-	-	79	63	54	5	440	402	1,650	-	591	228	2,469
Manitoba		17	41	-	-	10	7	1	2	28	50	127	-	94	10	232
Saskatchewan		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Alberta		26	39	-	-	13	8	7	-	46	47	178	-	76	26	280
British Columbia		44	96	-	-	18	16	30	-	92	114	426	-	157	127	710
Yukon and Northwest Terri- tories		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals		625	732	-	-	183	128	132	7	940	867	3,501	-	1,398	620	5,519

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	456	615	463	669
February	478	650	479	692
March	503	668	501	740
April	546	726	551	756
May	585	759	584	786
June	589	781	607	780
July	558	748	554	723
August	501	626	532	626
September	497	593	500	576
October	493	636	511	587
November	484	655	507	596
December	473	615	533	627
Average for establishments reporting monthly detail (collected only for large establishments) ..	513	673	529	684
Average for small establishments (only annual averages collected)	98	42	96	48
Average for all establishments	611	715	625	732

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	16	1	4	21	—	21
New Brunswick	x	x	x	x	x	x
Quebec	681	167	492	1,339	57	1,396
Ontario	1,373	192	918	2,484	125	2,609
Manitoba	194	30	62	286	22	308
Saskatchewan	x	x	x	x	x	x
Alberta	179	4	42	225	10	235
British Columbia	439	77	238	753	78	831
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	2,882	472	1,775	5,129	291	5,420
Closing:						
Newfoundland	x	x	x	x	x	x
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	21	4	6	30	—	30
New Brunswick	x	x	x	x	x	x
Quebec	672	205	402	1,279	53	1,333
Ontario	1,512	238	839	2,589	160	2,749
Manitoba	198	27	78	303	18	321
Saskatchewan	x	x	x	x	x	x
Alberta	190	3	41	235	14	249
British Columbia	405	73	267	745	75	820
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	2,998	551	1,653	5,202	321	5,523

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	554	545	6
(b) Imported	"	262	28	1
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	61	79	2
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	110,696	137,685	59
Fuel oil including kerosene or coal oil	"	226,262	272,911	42
Wood	cord	—	—	—
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	24	—	—
(b) Other manufactured gas	M cu.ft.	—	—	—
(c) Natural gas	"	12,889	18,485	11
Other fuel .....	...	...	...	...
Electricity purchased	kwh.	2,562,587	2,751,445	56
Steam purchased .....	...	...	...	...
2. Estimate for small establishments:				
Fuel and electricity .....	...	28	...	27
3. All establishments:				
Total fuel and electricity used .....	...	183	...	203

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

Description	1962		1963	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Awning fabric:				
(a) Plain	sq. yd. 145,190	145	187,863	193
(b) Woven	" 76,678	86	103,963	97
(c) Painted	" 155,198	172	145,875	165
Canvas and duck	" 5,881,017	3,901	8,768,945	4,204
Denim	" 59,688	17	43,966	24
Drill	" 1,820,385	696	1,177,982	546
Coated fabrics	" 339,716	485	638,297	811
Other fabrics (including nylon and other synthetics)	" ...	1,506	" ...	1,497
Thread	lb. 51,710	170	85,412	241
Cordage, rope and twine	" 410,704	170	631,391	263
Hardware	" ...	311	" ...	352
Waterproofing	" ...	361	" ...	248
All other materials and components used ¹	" ...	2,362	" ...	2,187
2. Containers and other packaging materials and supplies used	" ...	121	" ...	97
3. Operating, maintenance and repair supplies used (excluding fuel)	" ...	75	" ...	94
4. Amount paid out to others for work done on materials owned by establishments	" ...	44	" ...	99
Totals	" ...	10,623	" ...	11,120

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$650,797 in 1962 and \$862,018 in 1963.

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

Description	1962		1963	
	Quantity	Value \$'000	Quantity	Value \$'000
1. Products:				
Awnings:				
Domestic:				
(a) Canvas	yd. 710,996	1,226	444,153	1,134
(b) Synthetic materials	" 101,690	109	98,081	140
Commercial:				
(a) Canvas	" 187,390	540	154,154	516
(b) Synthetic materials	" 20,344	31	12,609	47
Sails:				
(a) Canvas	sq. yd. 13,780	50	21,289	100
(b) Synthetic - Sail silk	" ...	167	" ...	171
Tents:				
Domestic camping:				
(a) Regular tourist	No. 55,044	1,372	29,161	926
(b) Cabin or cottage style	" 21,129	1,067	31,033	1,881
(c) Standard wall	" 4,163	188	3,798	191
(d) Other domestic	" 13,970	601	31,776	1,024
Commercial and industrial	" ...	79	" ...	215
Verandah curtains	" ...	29	" ...	19
Flags, bunting and pennants	" ...	322	" ...	423
Bags, all kinds	" ...	612	" ...	904
Furniture pads	doz. 2,856	105	2,999	107

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

Description	1962		1963	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products - Concluded:				
Covers:				
Radiator doz.	24	2	149	4
Boat:				
(a) Canvas sq. yd.	124,480	414	150,885	481
(b) Synthetic .....	...	92	...	62
Tarpaulin:				
(a) Canvas .....	...	3,257	...	3,304
(b) Synthetic .....	...	394	...	335
All other .....	...	394	...	335
Horse blankets and covers No.	3,305	16	2,770	15
Aprons doz.	2,996	30	3,879	39
Sleeping bags No.	160,489	1,561	144,206	1,423
Camp beds "	56,385	301	62,083	266
Mattresses, athletic "	4,923	142	4,560	148
Hammocks "	1,500	14	...	1
Camp furniture .....	...	60	...	55
Cushions and pillows No.	6,630	18	21,094	51
Life jackets and vests .....	...	1	...	1
Life buoys and rings No.	3,952	18	...	1
Window blinds .....	...	121 ^r	...	143
Venetian blinds .....	...	68	...	43
Sporting goods and equipment .....	...	1,281	...	1,446
Clothing, all kinds .....	...	569	...	584
Amount received for rental .....	...	100	...	117
Amount received for storage .....	...	1,159	...	1,200
Amount received for custom work and repairs .....	...	2,467 ^r	...	3,105
All other products .....	...	2,467 ^r	...	3,105
2. Amount received in payment for work done on materials and products owned by others	...	773	...	356
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	...	(74)	...	(74)
Total adjusted value of shipments and work done	...	19,279	...	20,699

^r Included with 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
	No.	\$'000	No.	\$'000
Sleeping bags, all kinds	341,277	2,626	389,832	2,686
Life preserving equipment:				
Jackets and vests	237,350	835	265,678	377
Life buoys, belts, cushions, etc. ....	...	55	...	17

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:	
United Sail Works	Bldg. 943, Fort Pepperrell, St. John's
Nova Scotia:	
Crocker, John J.	Fairview
Maritime Canvas Converters Ltd.	2372 June St., Halifax
Stevens, R.B. & Sons	Second Peninsula
United Sail Makers	Lunenburg
New Brunswick:	
Holder, George E. and Son	100 Water St., Saint John
Mowry, G.W.	217 Newman St., Saint John
Quebec:	
Alleghany's (Igloo) Inc.	17 Frontenac St., St. Jean
Alieyn, J. Limited	225 St-Paul St., Quebec
A-One Canvas Products	5227 Wellington St., Verdun
Auvents Tentes National Enr.	6980, rue Henri-Julien, Montréal
Canadian Awning Company Limited	1070 Ray Lawson, Ville d'Anjou
Canning, W.E. Mfg. Co. Ltd.	280 Sauve St. W., Montreal
Canvas Converters Limited	4270 St. James St. W., Montreal
Canvas Equipment Limited	239 St-Sacrement St., Montreal
Capital Awning Co.	39½ St-Jean-Baptiste St., Hull
Cie d'auvents Alouette Awnings Co.	3801 Notre-Dame St. E., Montreal
Cie d'Auvents des Marchands Ltée	24 St-Paul St. E., Montreal
E.T. Tent & Awning Company	1440 King St. W., Sherbrooke
Finnie Manufacturing Co. Ltd.	14001 Notre-Dame St. E., Point-aux-Trembles
General Canvas Goods Mfgs. Co. Ltd.	580 St-Clément, Montreal
Holden Mfg. Co. Ltd., The	43 & 87 Montcalm St., Hull
La Cie d'Auvents de Québec Ltée	275, rue du Pont, Québec
La Flamme Tarpaulins Enr.	R.R. # 1, Black Lake, Megantic
Lakeside Sail & Canvas Work's Reg'd.	358 St-Paul St. W., Montreal
Lalonde, R.	64, rue Lalonde, Beloeil
Lacours, Wilfrid Enr.	414 Christophe-Colomb Ave., Quebec
Les Auvents Acme & Cie	1455 Parc Lafontaine, Montreal
Les Auvents Maskoutains Enr.	100 Mercier St., St. Joseph
Les Auvents St-Laurent Enr.	308, rue St-Sauveur, Québec
Lussier, Roch	6394 St. Lawrence Blvd. Montreal
Montreal Tent & Tarpaulin Company Ltd.	181 Youville Square, Montreal
Quebec Shipriggers & Sail Makers Reg'd.	17 Sauli-au-Matlot, Québec
Ross-Smith Company Limited	4285 Frontenac St., Montreal
Smith-Anderson Company Limited	211 Common St., Montreal
Tremblay, Edgar	284 Racine Est., Chicoutimi
Victorien Deschamps	108, rue Christophe-Colomb-est, Québec
Ontario:	
Accurate Tent & Awning Co.	58 Dingwall Ave., Toronto
Alexander Awnings	58 Secord Drive, St. Catharines
American Tent & Awning Company Limited	877 Yonge St., Toronto
Amy Tarpaulin & Awning Company	34 Guelph St., Bridgeport
Anglo Traders Limited	788 King St. W., Toronto
Arctic Canvas Ltd.	1356 Regina St., North Bay
Bartle Tent & Awning Co. Ltd.	34 Bayfield St., Barrie
Bartlett, Wm. & Son Ltd.	616 St. Clarens Ave., Toronto
Beacon Awning Mfrs.	2043 Stanley Ave., Niagara Falls
Black, Thomas & Sons Canada Ltd	222 Strathcona Ave., Ottawa
Blank, W. & Son	106 Alice St., Brantford
Blue Star Tent & Awning Co.	606 Winnipeg Ave., Port Arthur
Brusey, Percy W. & Sons Ltd.	497 Hughson St. N., Hamilton
Canadian Canopy Co. Ltd.	86 Advance Rd., Toronto
Canadian Canvas Co.	489 Queen St. E., Toronto
Canvas Specialty Company	225 Macpherson Ave., Toronto
Catchpole, L.A. Canvas Works	30 Erie St., St. Thomas
Catchpole Awning & Storm Window Supply Co.	42 Fairview Ave., St. Thomas
Chinook Sleeping Bags Ltd.	1225 Bank St., Ottawa
Dominion Poly Products	16 Ingram Dr., Toronto
Downey, H.J. & Son	301 Pine Ave., Oakville
Drumbo Tent & Awning Co. Ltd.	Drumbo
Eaton, T. Company Limited	2233 Sheppard Ave., Downsview
Fell-Fab Products	2343 Barton St. E., Hamilton
Fergus Awning Co.	171 St. Andrew St. E., Fergus
Flight Line Quality Products Ltd.	46 Saskatoon St., Campbellford
Galt Tent & Awning Co.	R.R. # 3, Galt
Gosling, John B & Son	211 Coxwell Ave., Toronto
Guelph Tent & Awning Company	38 Yorkshire St. S., Guelph
Hausberger Harness and Tent Company Ltd.	920 Memorial Ave., Port Arthur
Heddens Supply Company (Chatham) Ltd.	240 William St. S., Chatham
Harmonia Canvas & Specialty Co. Ltd.	166 Mississauga St. E., Orillia
Imperial Canvas Goods & Luggage Mfg. Ltd.	206 Spadina Ave., Toronto
Jaquith Tent & Awning	25 Childers St., London
Kueble, C.	11 Water St., Belleville
Kennedy Specialty Mfrs.	Main St., Erin

List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
Ontario - Concluded:	
Koening, Adolf	606 Lancaster St., Bridgeport
Lambton Awning & Canvas Specialty Co.	1303 Plank Rd., Sarnia
Lawrence Manufacturing Company	12 York St., Ottawa
Leckie, John Limited	Upjohn & Dyas Rds., Don Mills
Lester Awning	851 Barnardo Ave., Peterborough
London Textiles	161 1/2 Maple St., London
Long Branch Tent & Awning Co.	436 Homer Ave., Toronto
Master Canvas Craft Co.	260 Albion Rd., Weston
Newark, John	273 Hiram St., Bracebridge
Ontario Tent & Awning Company	48 Huxley Ave. N., Hamilton
Ottawa Awning & Canvas Ltd.	25 Hamilton Ave., Ottawa
Owen Sound Canvas Co.	80 - 9th St. E., Owen Sound
Payne, William	205 Central Ave., London
Peterborough Canvas Co.	King St., Peterborough
Pike, D. Company Limited, The	125 King St. E., Toronto
Pirie Bros.	63 Rosedale Ave., St. Catharines
Quality Trim Shop	22 Adelaide St. S., Chatham
Rainbow Mfg. Company	St. Jacobs
Raymond Brothers Ltd.	182 York St., London
Roberts, Wm & Son Ltd.	828 Dupont St., Toronto
Roehuck, J.B. Limited	23 King St., Midland
Scythes & Co. Ltd.	128 Sterling Rd., Toronto
Smith, Charlie Salls Ltd.	31 Britain St., Toronto
Soo Tent and Awning Co.	232 Bruce St., Sault St. Marie
Soper, Robert Limited	124 King St. W., Hamilton
Sturdy Products Mfg. Co.	116 Wellington St., Kingston
Taylor, Tom Company Ltd.	81 Front St. E., Toronto
Toronto Tarpaulins & Awning Co.	305 Bering Ave., Toronto
Trevor Owen Limited	13 Hamilton St., Toronto
Turner, J.J. Co. Limited	280 George St. N., Peterborough
Universal Tent & Awning Co.	348 Pape Ave., Toronto
Western Tarpaulin & Textiles Ltd.	925 Weston Rd., Toronto
Westhead, G.H.	102 Lombard St., Toronto
Windsor Awning & Tent Co.	3041 Tecumseh Rd. E., Windsor
Woods Bag & Canvas Co. Ltd. (Canvas Division)	401 Logan Ave., Toronto
Wyse Enterprises	Cor. 2 E. Market, London
Manitoba:	
Allied Canvas Products	24 Highway W., Neepawa
Canadian Tent & Awning Co., The	551 Selkirk Ave., Winnipeg
Circle Canvas Co. Ltd.	178 Henry Ave., Winnipeg
Falcon Tent Equipment Co.	289 Selkirk Ave., Winnipeg
Manitoba Tent & Awning Company	357 Dufferin Ave., Winnipeg
Midwest Tent & Awning	80 Martha St., Winnipeg
Murray Tent & Awning Company Ltd.	653 Sargent Ave., Winnipeg
Neepawa Canvas Works Ltd.	1st Ave., Neepawa
Norwood Tent & Awning Co. Ltd.	164 Marion St., Norwood
Pickles Tents & Awnings Ltd.	667 Ellice Ave., Winnipeg
Robinson's Tents & Awnings	918 Richmond Ave., Brandon
Saskatchewan:	
Denham Awning Makers Ltd.	309 - 33rd St. W., Saskatoon
Regina Tent, Awning & Upholstering Co., The	1643 Broad St., Regina
Western Tent & Bedding Company	111 Avenue "B" N., Saskatoon
Alberta:	
Alberta Tent & Awning Co. Ltd.	713 - 14th St. N.W., Calgary
Calgary Tent & Awning Ltd.	3624 Manchester Rd., Calgary
Ducan Canvas Co. Ltd.	2351 - 2nd Ave. N., Lethbridge
Edmonton Tent & Awning Company	10044 - 102nd St., Edmonton
Northwest Tent & Awning Company Ltd.	10228 - 98th St., Edmonton
Uram's Sporting Goods Mfg. Co.	10653 - 116 St., Edmonton
Western Tent & Awning Company Ltd.	133 - 10th Ave. S.E., Calgary
British Columbia:	
Arrow Tent & Awning Co.	Ft. Argyle St. S., Vancouver
Baylis Tent & Awning Ltd.	3245 Main St., Vancouver
False Creek Industries (1961) Ltd.	910 Beach Ave., Vancouver
General Fabrics Ltd.	315 Robinson St., Penticton
Interior Tent & Awning	1168 Battle St., Kamloops
Jeune Bros. of Victoria Ltd.	570 Johnson St., Victoria
Jones Tent & Awning Limited	2034 West 11th Ave., Vancouver
M. & M. Boat Covers	2020 Yew St., Vancouver
Northfield Canvas	2205 Bowen Rd., Nanaimo
Vancouver Window Shade Co.	337 Gore Ave., Vancouver
Victoria Tent & Awning Co.	831 Fisgard St., Victoria
West Coast Textile Fabricator	758 Powell St., Vancouver
Westminster Canvas Ltd.	529 Front St., New Westminster

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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