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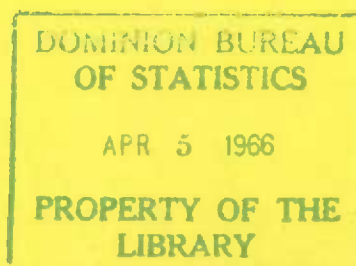
ANNUAL



MISCELLANEOUS MANUFACTURING INDUSTRIES

1963

ANNUAL CENSUS
OF MANUFACTURES



DOMINION BUREAU OF STATISTICS

Industry Division

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PUBLICATIONS

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

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

A — Annual

M — Monthly

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INTRODUCTION

Under the revised Standard Industrial Classification, originally implemented in the 1960 survey, this major industrial group comprises twenty-seven industries. The tables following this general preface present data covering this group as a whole.

Table 1 A through to Table 4, present the statistics of this group on the revised basis. In other words, each of these tables includes all establishments classified to the industries comprising this group, including the two special categories: (i) Dental Laboratories, originally surveyed as an industry in 1960; and (ii) the extension of coverage in Ophthalmic Goods Manufacturers to include the prescription branches of large companies, first surveyed in 1961. In addition, they reflect the change to the total activity approach, described in detail in the Explanatory Notes contained at the end of this report.

Sixteen of the twenty-seven industries in this group form the subject of ten separate reports as listed below:

Catalogue number	Title
47- 201	Broom, Brush and Mop Industry
47- 202	Button, Buckle and Fastener Industry
47- 203	Musical Instrument and Sound Recording Industry
47- 204	Sporting Goods and Toys and Games Industries (two industries)
47- 206	Scientific and Professional Equipment Manufacturers (five industries)
47- 207	Pen and Pencil and Typewriter Supplies Manufacturers (two industries)
47- 208	Plastics Fabricators
47- 209	Signs and Displays Industry
47- 210	Venetian Blind Manufacturers
47- 211	Jewellery and Silverware Manufacturers

The remaining eleven of the industries are treated separately in this report as follows:

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Artificial flowers and feathers manufacturers	11
Artificial ice manufacturers	12
Candle manufacturers	14
Fur dressing and dyeing industry	15
Hair goods manufacturers	17
Model and pattern manufacturers	18
Smokers' supplies manufacturers	19
Stamp and stencil manufacturers	21
Statuary, art goods, regalia and novelty manufacturers	22
Umbrella manufacturers	23
Other miscellaneous industries	25

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1 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	2,481	36,817	77,036	119,339	5,976	268,902	600,467	329,591	1,497	6,731	52,964	199,945	369,398
1962													
Newfoundland	8	66	145	192	12	273	750	472	6	28	84	264	478
Prince Edward Island	3												
Nova Scotia	37	156	334	464	70	620	1,862	1,174	23	83	197	649	1,295
New Brunswick	38	322	691	921	69	1,826	4,485	2,500	21	100	477	1,515	2,549
Quebec	734	11,601	25,297	35,499	1,699	78,756	176,014	98,120	435	1,929	15,945	57,116	101,969
Ontario	1,146	23,716	50,431	82,498	4,012	203,889	446,001	244,348	607	2,650	34,015	138,530	271,550
Manitoba	101	828	1,750	2,614	116	4,898	11,043	6,047	60	260	1,140	4,311	6,750
Saskatchewan	40	177	376	568	23	801	2,289	1,453	26	153	238	833	1,688
Alberta	144	538	1,146	1,912	110	2,826	8,010	5,156	94	451	847	3,269	7,226
British Columbia	280	1,147	2,392	4,473	256	6,233	17,007	10,763	191	861	1,700	7,069	15,938
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,531	38,551	82,562	129,141	6,367	300,122	667,462	370,033	1,463	6,515	54,643	213,554	409,444
1963													
Newfoundland	8	58	121	168	12	254	667	411	3	7	76	245	420
Prince Edward Island	4	10	21	18	2	20	90	65	3	17	13	33	65
Nova Scotia	38	164	339	508	79	853	1,988	1,068	20	79	215	734	1,325
New Brunswick	37	360	754	1,088	74	2,185	5,043	2,697	19	93	490	1,736	2,826
Quebec	739	11,843	25,832	37,350	1,887	85,705	189,434	103,192	416	1,918	16,240	61,178	107,937
Ontario	1,148	25,022	52,572	89,316	4,393	224,376	488,223	266,823	558	2,690	35,504	151,158	290,275
Manitoba	105	757	1,572	2,546	107	4,010	9,601	5,554	63	277	1,050	3,965	6,223
Saskatchewan	44	192	395	613	24	889	2,419	1,513	30	164	261	925	1,757
Alberta	149	586	1,226	2,073	128	3,531	8,749	5,238	93	479	878	3,373	7,360
British Columbia	285	1,254	2,570	4,963	239	6,458	17,121	10,429	184	894	1,805	7,928	15,542
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,557	40,246	85,401	138,644	6,943	328,280	723,334	396,989	1,389	6,618	56,532	231,272	433,730

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	481	86	184	226	74	766	2,838	1,998	451	1,238	120	302	2,036
\$ 10,000 to \$ 24,999	507	542	1,172	1,537	158	2,297	8,306	5,878	498	2,196	644	1,836	6,028
25,000 " 49,999	391	1,218	2,647	3,677	239	4,169	14,067	9,720	303	1,673	1,554	4,855	10,018
50,000 " 99,999	337	2,023	4,400	6,406	375	8,911	24,009	15,018	149	926	2,694	9,071	16,548
100,000 " 199,999	275	3,207	6,851	10,062	564	15,364	38,885	23,368	52	390	4,402	15,233	25,854
200,000 " 499,999	267	6,427	14,291	19,523	990	37,532	86,322	48,835	9	76	8,767	30,620	55,406
500,000 " 999,999	131	6,118	12,864	18,230	955	43,786	92,276	47,898	1	16	8,095	28,428	51,706
1,000,000 " 4,999,999	126	13,182	27,629	42,836	1,913	111,175	237,554	128,013	-	-	18,092	69,154	136,744
5,000,000 and over	16	5,748	12,525	26,644	1,100	76,122	163,203	89,303	-	-	9,313	49,249	103,683
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	962	4,806	1,421
Totals	2,531	38,551	82,562	129,141	6,367	300,122	667,462	370,033	1,463	6,515	54,643	213,554	409,444
1963													
Under \$10,000	415	60	123	152	40	698	2,510	1,760	389	1,077	78	199	1,784
\$ 10,000 to \$ 24,999	542	603	1,253	1,649	110	2,774	8,944	6,227	484	2,292	726	2,019	6,422
25,000 " 49,999	387	1,122	2,359	3,434	222	4,664	13,901	9,112	290	1,629	1,417	4,542	9,697
50,000 " 99,999	350	2,015	4,228	6,667	380	9,305	24,566	15,311	175	1,170	2,650	9,390	16,629
100,000 " 199,999	283	3,289	6,950	10,801	678	16,804	39,610	24,185	44	359	4,452	16,295	27,936
200,000 " 499,999	280	6,560	13,863	20,092	987	37,851	87,584	49,661	6	61	8,850	31,478	54,263
500,000 " 999,999	137	6,017	12,855	19,193	1,007	45,019	93,923	48,576	1	30	7,933	30,412	54,161
1,000,000 " 4,999,999	145	14,212	30,250	47,001	2,224	127,996	271,439	144,085	-	-	19,071	76,387	152,806
5,000,000 and over	18	6,368	13,521	29,655	1,297	83,169	180,855	98,072	-	-	10,409	56,365	109,497
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	946	4,185	536
Totals	2,557	40,246	85,401	138,644	6,943	328,280	723,334	396,989	1,389	6,618	56,532	231,272	433,736

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	676	225	482	602	133	1,959	5,598	3,527	631	1,904	295	794	3,617
\$ 10,000 to \$ 24,999	549	989	2,140	2,841	255	4,918	14,020	8,868	494	2,420	1,236	3,587	9,143
25,000 " 49,999	407	1,989	4,349	6,062	338	8,983	23,721	14,551	237	1,406	2,623	8,505	15,574
50,000 " 99,999	298	2,988	6,288	9,210	474	15,270	36,687	21,357	84	626	4,042	13,652	23,421
100,000 " 199,999	250	4,857	10,346	14,538	888	30,317	66,104	35,582	14	127	6,642	22,513	39,578
200,000 " 499,999	215	8,875	19,485	27,107	1,392	68,460	136,893	66,237	3	32	11,815	42,733	76,437
500,000 " 999,999	74	5,748	12,166	17,912	820	49,127	101,510	52,701	-	-	7,982	29,442	54,894
1,000,000 " 4,999,999	55	9,120	19,035	32,876	1,396	78,507	177,942	100,543	-	-	13,096	55,525	109,934
5,000,000 and over	7	3,760	8,271	17,991	672	42,582	104,987	64,666	-	-	5,950	31,998	75,426
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	962	4,806	1,421
Totals	2,531	38,551	82,562	129,141	6,367	300,122	667,462	370,033	1,463	6,515	54,643	213,554	409,444
1963													
Under \$10,000	635	234	486	592	68	2,389	5,861	3,440	590	1,902	280	731	3,557
\$ 10,000 to \$ 24,999	596	1,162	2,442	3,348	215	6,269	15,978	9,596	477	2,477	1,469	4,387	10,281
25,000 " 49,999	393	1,903	3,959	6,036	389	9,956	24,138	14,126	233	1,484	2,528	8,623	15,897
50,000 " 99,999	310	3,027	6,363	9,623	582	17,670	39,762	22,113	79	630	4,367	14,389	24,459
100,000 " 199,999	249	5,032	10,547	15,909	832	31,571	69,199	35,974	8	73	6,913	24,938	41,992
200,000 " 499,999	208	8,033	17,170	25,385	1,378	56,934	121,441	64,169	2	53	10,469	39,522	68,649
500,000 " 999,999	97	7,268	15,406	23,398	1,023	67,348	133,988	68,346	-	-	9,736	38,309	74,742
1,000,000 " 4,999,999	62	9,581	20,539	34,586	1,646	94,490	208,136	114,489	-	-	13,671	59,972	119,877
5,000,000 and over	7	4,006	8,489	19,766	788	41,653	104,831	64,735	-	-	6,453	36,217	73,629
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	946	4,185	536
Totals	2,557	40,246	85,401	138,644	6,943	328,280	723,334	396,989	1,389	6,618	56,532	231,272	433,736

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	668	218	465	577	130	1,917	5,501	3,466	625	1,880	284	755	3,500
\$ 10,000 to \$ 24,999	539	945	2,044	2,698	234	4,690	13,465	8,569	489	2,392	1,172	3,363	8,723
25,000 " 49,999	395	1,817	3,992	5,504	318	8,403	22,186	13,631	247	1,450	2,366	7,633	13,968
50,000 " 99,999	304	2,945	6,183	8,927	463	14,903	35,990	20,999	85	643	3,931	12,965	21,657
100,000 " 199,999	248	4,702	10,030	13,912	850	28,654	62,315	33,443	14	118	6,365	21,127	35,656
200,000 " 499,999	221	8,440	18,025	25,732	1,361	64,925	130,338	65,362	3	32	11,155	40,085	70,420
500,000 " 999,999	91	6,221	13,710	19,719	883	53,191	110,527	57,459	—	—	8,662	33,113	65,033
1,000,000 " 4,999,999	55	8,476	17,680	29,445	1,258	70,966	159,131	89,465	—	—	11,904	47,407	97,127
5,000,000 and over	10	4,787	10,434	22,627	871	52,454	128,008	77,639	—	—	7,842	42,300	91,939
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	962	4,806	1,421
Totals	2,531	38,551	82,562	129,141	6,367	300,122	667,462	370,033	1,463	6,515	54,643	213,554	409,444
1963													
Under \$10,000	625	247	521	631	89	2,435	5,827	3,378	580	1,859	309	878	3,379
\$ 10,000 to \$ 24,999	578	1,060	2,224	3,028	192	5,670	14,905	9,135	473	2,448	1,321	3,890	9,363
25,000 " 49,999	382	1,682	3,486	5,275	340	9,050	22,314	13,037	239	1,520	2,187	7,332	13,576
50,000 " 99,999	313	2,937	6,164	9,178	520	16,706	37,782	21,186	84	644	3,864	13,369	22,175
100,000 " 199,999	257	4,882	10,263	15,301	809	28,541	64,920	34,788	11	93	6,590	23,176	37,534
200,000 " 499,999	221	7,910	16,906	25,069	1,385	56,666	120,291	63,570	2	53	10,385	39,345	68,657
500,000 " 999,999	106	7,312	15,536	23,441	1,076	69,248	135,773	68,064	—	—	9,836	38,389	75,182
1,000,000 " 4,999,999	67	10,067	21,519	36,460	1,703	96,561	211,121	115,217	—	—	14,194	61,145	123,712
5,000,000 and over	8	4,149	8,784	20,259	829	43,404	110,402	68,614	—	—	6,900	39,563	79,616
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	946	4,185	535
Totals	2,557	40,246	85,401	138,644	6,943	328,280	723,334	396,989	1,389	6,618	56,532	231,272	433,730

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	1,220	1,029	2,251	3,114	344	7,163	21,283	13,862	1,095	4,412	1,295	3,999	14,152
5- 14 employed	622	3,609	7,866	11,731	712	20,123	51,095	30,706	332	1,783	4,835	16,996	32,508
15- 49 "	426	8,236	17,514	25,888	1,492	59,364	127,251	68,048	35	304	11,244	40,648	76,110
50- 99 "	157	7,835	17,164	23,398	1,104	63,987	133,144	69,265	1	16	10,636	38,170	74,529
100-199 "	67	6,736	14,148	20,988	929	55,194	108,309	53,984	—	—	9,047	32,864	57,401
200-499 "	32	6,725	14,207	24,494	1,137	50,788	122,762	72,507	—	—	9,699	40,456	80,307
500 employed and over	7	4,381	9,410	19,529	650	43,504	103,637	61,661	—	—	6,925	35,614	73,017
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	962	4,806	1,421
Totals	2,531	38,551	82,562	129,141	6,367	300,122	667,462	370,033	1,463	6,515	54,643	213,554	409,444
1963													
Under 5 employed	1,210	1,086	2,279	3,321	267	8,184	22,277	14,097	1,074	4,593	1,332	4,180	14,485
5- 14 employed	632	3,722	7,889	12,421	767	21,625	52,032	30,567	287	1,753	4,938	17,844	33,108
15- 49 "	449	8,891	18,775	28,928	1,638	67,275	144,278	77,908	27	242	12,153	46,491	86,021
50- 99 "	164	8,643	18,439	26,907	1,426	74,948	150,998	75,668	1	30	11,474	42,839	82,024
100-199 "	63	6,652	14,164	21,864	964	61,128	122,667	62,060	—	—	8,879	34,796	64,633
200-499 "	33	7,278	15,345	26,892	1,205	56,203	139,332	83,015	—	—	10,220	45,211	91,767
500 employed and over	6	3,974	8,510	18,311	677	38,917	91,749	53,673	—	—	6,590	35,727	61,157
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	946	4,185	535
Totals	2,557	40,246	85,401	138,644	6,943	328,280	723,334	396,989	1,389	6,618	56,532	231,272	433,730

TABLE 1F. 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	1,069	1,762	3,785	5,268	371	8,059	24,704	16,310	1,054	4,727	2,008	5,991	16,589
Partnerships	202	574	1,248	1,695	111	2,842	8,442	5,525	409	1,788	679	1,936	5,581
Incorporated companies	1,260	36,215	77,529	122,178	5,886	289,221	634,316	348,198	...	...	50,994	200,821	385,853
Cooperatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	962	4,806	1,421
Totals	2,531	38,551	82,562	129,141	6,367	300,122	667,462	370,033	1,463	6,515	54,643	213,534	409,444
1963													
Individual ownerships	1,023	1,710	3,555	5,313	312	9,019	25,292	16,146	1,006	4,829	1,939	6,030	16,530
Partnerships	197	542	1,149	1,661	93	2,910	8,192	5,352	383	1,789	615	1,847	5,461
Incorporated companies	1,337	37,994	80,697	131,670	6,538	316,352	689,850	375,490	...	...	53,032	219,210	411,204
Cooperatives .....	—	—	—	—	—	—	—	—	...	...	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	946	4,185	535
Totals	2,557	40,246	85,401	138,644	6,943	328,280	723,334	396,989	1,389	6,618	56,532	231,272	433,730

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	667,462	723,334	..	..	..	..
Inventories—Goods of own manufacture:						
Add closing—Goods in process	31,366	33,841	...	...	31,366	33,641
Finished goods	46,884	53,096	...	...	46,884	53,096
Less opening—Goods in process	28,893	29,829	...	...	28,893	29,829
Finished goods	40,296	48,230	...	...	40,296	48,230
2. Net inventory change	9,061	8,878	...	...	9,061	8,878
3. Gross output (1+2)	676,523	732,212	..	..	..	..
Input						
4. Purchases of goods not of own manufacture .....	...	...	..	..	..	..
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	16,449	18,473	16,449	18,473
Less closing .....	...	...	18,112	16,666	18,112	16,666
5. Cost of goods sold (not of own manufacture) .....	...	...	..	..	..	..
6. Materials, supplies, components and semi-processed goods	300,122	328,280	..	..	..	..
7. Fuel and electricity	6,367	6,943	...	...	6,367	6,943
8. Gross input (5+6+7)	306,489	335,223	..	..	..	..
Census value added (3-8)	370,033	396,989	39,410	36,741	409,444	433,730

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- istra- tive and office	Sales and distrib- ution	Total salaries and wages
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
1962															
Newfoundland	}														
Prince Edward Island		61	5	..	..	..	..	..	..	73	11	192	..	..	264
Nova Scotia		138	18	..	..	..	..	..	..	167	30	464	..	..	649
New Brunswick		237	85	..	..	..	..	..	..	342	135	921	..	..	1,515
Quebec		8,149	3,452	..	..	..	..	..	..	11,201	4,744	35,499	..	..	57,116
Ontario		14,501	9,215	..	..	..	..	..	..	21,164	12,851	82,498	..	..	138,530
Manitoba		608	220	..	..	..	..	..	..	823	317	2,614	..	..	4,311
Saskatchewan		154	23	..	..	..	..	..	..	194	44	568	..	..	833
Alberta		438	100	..	..	..	..	..	..	660	187	1,912	..	..	3,269
British Columbia		912	235	..	..	..	..	..	..	1,295	405	4,473	..	..	7,069
Yukon and Northwest Terri- tories		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals		25,198	13,353	..	..	..	..	..	..	35,919	18,724	129,141	..	..	213,554
1963															
Newfoundland		53	5	..	..	..	..	..	..	64	12	168	..	..	245
Prince Edward Island		9	1	..	..	..	..	..	..	11	2	18	..	..	33
Nova Scotia		151	13	..	..	..	..	..	..	184	31	508	..	..	734
New Brunswick		261	99	..	..	..	..	..	..	343	147	1,088	..	..	1,736
Quebec		8,271	3,572	..	..	..	..	..	..	11,425	4,815	37,350	..	..	61,176
Ontario		15,102	9,920	..	..	..	..	..	..	22,041	13,463	89,316	..	..	151,158
Manitoba		575	182	..	..	..	..	..	..	773	277	2,546	..	..	3,965
Saskatchewan		167	25	..	..	..	..	..	..	213	48	613	..	..	925
Alberta		483	103	..	..	..	..	..	..	690	188	2,073	..	..	3,372
British Columbia		1,018	236	..	..	..	..	..	..	1,397	408	4,963	..	..	7,928
Yukon and Northwest Terri- tories		—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals		26,090	14,156	..	..	..	..	..	..	37,141	19,391	138,644	..	..	231,272

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
February
March
April
May
June
July
August
September
October
November
December
Average for establishments reporting monthly detail (collected only for large establishments)
Average for small establishments (only annual averages collected)
Average for all establishments	25,198	13,353	26,090	14,156

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventory
	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	49	8	11	68	18	86
Prince Edward Island	2	—	7	9	—	9
Nova Scotia	296	8	39	343	20	363
New Brunswick	488	400	613	1,501	2	1,503
Quebec	17,458	7,489	12,884	37,831	2,549	40,180
Ontario	42,846	21,312	33,367	97,525	15,224	112,749
Manitoba	907	124	346	1,377	144	1,521
Saskatchewan	165	17	78	260	119	379
Alberta	694	66	238	998	178	1,176
British Columbia	1,222	405	646	2,273	419	2,692
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	64,127	29,829	48,230	142,186	18,473	160,639
Closing:						
Newfoundland	49	17	11	77	23	100
Prince Edward Island	2	—	3	5	—	5
Nova Scotia	287	9	50	346	14	360
New Brunswick	567	388	538	1,493	2	1,495
Quebec	18,290	8,135	13,587	40,012	2,466	42,478
Ontario	45,422	24,530	37,519	107,471	13,273	120,744
Manitoba	991	199	340	1,530	144	1,674
Saskatchewan	167	17	85	269	107	376
Alberta	854	168	284	1,306	205	1,511
British Columbia	1,300	377	678	2,355	433	2,766
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	67,927	33,841	53,096	154,864	16,666	171,530

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	..	..	..
(b) Imported .....	"	..	..	..
Sub-bituminous coal (from Alberta mines only) .....	"	..	..	..
Anthracite coal .....	"	..	..	..
Lignite coal .....	"	..	..	..
Coke .....	"	..	..	..
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	..	..	..
Fuel oil including kerosene or coal oil .....	"	..	..	..
Wood	cord	..	..	..
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	..	..	..
(b) Other manufactured gas	M cu.ft.	..	..	..
(c) Natural gas .....	"	..	..	..
Other fuel .....	..	..	..	..
Electricity purchased	kwh.	..	..	..
Steam purchased .....	..	..	..	..
2. Estimate for small establishments:				
Fuel and electricity .....	..	..	..	..
3. All establishments:				
Total fuel and electricity used .....	...	6,367	...	6,943

ARTIFICIAL FLOWERS AND FEATHERS MANUFACTURERS, 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 feathers, plumes and artificial flowers".

As reflected in Table 1 A there was an increase in manufacturing activity from 1962 to 1963.

The 1963 shipments of goods of own manufacture by the industry are given in Table 2, whereas the 1962 and 1963 shipments of the main products of this industry by all industries are listed in Table 3.

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

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	32	317	568	632	21	974	2,628	1,704	18	77	455	1,020	1,963
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	17	141	289	314	12	487	1,389	888	8	39	220	504	962
Ontario	15	86	162	192	7	250	884	616	9	22	131	289	631
Manitoba	1												
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	33	227	451	506	19	738	2,273	1,504	17	61	351	794	1,593
1963													
Newfoundland	1	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	17	140	276	335	10	667	1,672	992	8	43	218	530	1,073
Ontario	15	x	x	x	x	x	x	x	x	x	x	x	x
Manitoba	1	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	34	227	445	546	18	1,009	2,665	1,628	20	78	321	801	1,738

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Artificial flowers:		
Silk, velvet and cotton	396	392
Crepe paper and other	1	1
Feathers, all kinds	1	1
Feather trimmings	72	51
Wreaths, decorative and memorial	403	425
All other products	1,354	1,741
2. Amount received in payment for work done on materials and products owned by others	56	56
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(8)	—
Total adjusted value of shipments and work done	2,273	2,665

* included in "All other products".

TABLE 3. 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	Value	
	1962	1963
	\$'000	
Artificial flowers, crepe paper and other	868 [*]	905
Feathers, all kinds	213	228

ARTIFICIAL ICE MANUFACTURERS, 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 artificial ice".

Despite a decrease of two in the number of establishments in this industry from 1962 to 1963, the general level of activity was somewhat higher in the latter year. Table 2 shows the 1963 shipments of goods of own manufacture in minimum detail, whereas Table 3 gives the shipments of artificial ice by all industries for both the years 1962 and 1963. These latter shipments in-

clude the shipments of those establishments transferred out of the Census of Manufactures survey in 1961 on the new establishment basis, but which were sent special 1963 commodity schedules in order to obtain the shipments of artificial ice in this year. On the other hand, it should be noted that these shipment figures do not include ice manufactured in self-service ice-manufacturing machines, now commonly found in many hotels, motels, etc., in Canada.

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

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	
1961													
Totals	30	159	381	502	235	192	1,726	1,292	7	23	253	848	1,778
1962													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	4	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	2	20	44	60	64	20	338	258	—	—	36	118	267
Quebec	4	24	58	65	28	18	240	194	x	x	34	91	211
Ontario	14	91	216	282	127	138	919	654	x	x	117	411	720
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	2	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia	3	32	72	105	34	28	275	212	—	—	58	179	270
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	29	167	391	512	254	283	1,772	1,319	6	22	245	799	1,469
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	4	17	34	41	47	10	171	114	—	—	24	68	135
New Brunswick	1	x	x	x	x	x	x	x	—	—	x	x	x
Quebec	3	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	14	94	223	350	124	175	1,290	992	x	x	144	590	1,059
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	2	x	x	x	x	x	x	x	—	—	x	x	x
British Columbia	3	22	49	80	22	9	152	118	—	—	28	99	156
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	27	165	381	571	249	236	2,094	1,606	5	22	262	952	1,803

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Artificial ice	1	2,094
All other products	1,772	—
2. Amount received in payment for work done on materials and products owned by others	1	—
Total adjusted value of shipments and work done	1,772	2,094

¹ Included in "All other products".

TABLE 3. 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
	ton	\$'000	ton	\$'000
Artificial ice	340,228	2,397	410,215	2,896

CANDLE MANUFACTURES, 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 candles".

There was an increase both in the number of establishments and the level of activity in this industry

from 1962 to 1963. Table 2 gives the 1963 shipments of goods of own manufacture by the industry.

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

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	With-drawals	Number	Salaries and wages	
	No.		\$'000			\$'000				\$'000		\$'000	
1961													
Totals	16	178	431	498	45	1,247	3,089	1,841	8	30	288	1,089	2,048
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	11	171	426	496	48	1,274	3,134	1,814	x	x	296	1,011	1,361
Ontario	1	12	28	32	2	56	129	71	x	x	14	39	75
Manitoba	1												
Saskatchewan	1												
Alberta	1												
British Columbia	1												
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	16	183	454	528	50	1,330	3,263	1,884	8	27	310	1,110	2,036
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	12	173	420	528	57	1,428	3,304	1,857	x	x	292	1,141	2,033
Ontario	2	14	30	34	2	111	171	96	x	x	16	44	96
Manitoba	1												
Saskatchewan	1												
Alberta	-												
British Columbia	1												
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	17	187	450	562	59	1,539	3,475	1,953	8	36	308	1,185	2,129

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Candles and cierges:				
Household, coloured, fancy, etc.:				
Household candles, paraffin wax	lb. 861,714	149	793,536	164
Coloured and fancy, including wax novelties	doz. 671,479	590	639,745	662
Church, chapel, synagogues, etc.:				
Bees wax candles and cierges	lb. 472,990	551	470,758	582
Composition candles and cierges	" 249,494	130	183,464	131
7-day lights, bees wax and vegetable oils	doz. 19,775	316	18,629	310
7-day lights, composition other	" 161,054	795	149,807	811
Votive lights, all kinds	" 1,616,656	530	1,727,948	742
Incense	1	1	1	1
Incensed charcoal	1	1	1	1
All other products .....	...	223	...	95
2. Amount received in payment for work done on materials and products owned by others .....	...	—	...	—
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(21)	...	(21)
Total adjusted of shipments and work done .....	...	3,263	...	3,475

¹ Confidential; included in "All other products".

FUR DRESSING AND DYEING 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 scraping, currying, tanning, bleaching and dyeing pelts on a custom basis".

There was a decrease both in the number of establishments and the level of activity in this industry from 1962 to 1963. Table 2 shows the manufacturing

revenue of this industry for 1963 which was, as in the past, largely derived from the custom treating of fur skins or pelts. The fur skins treated by the industry in both 1962 and 1963 are given by number in Table 3.

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

TABLE 1A. 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	15	877	1,857	3,178	120	1,266	6,834	5,449	x	x	997	3,830	5,429
1962													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	9	603	1,219	2,119	93	1,209	4,798	3,498	—	—	675	2,529	3,489
Ontario	5	312	611	1,080	31	377	2,346	1,926	x	x	360	1,420	1,919
Manitoba	2												
Saskatchewan	—												
Alberta	2												
British Columbia	1	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	19	915	1,829	3,199	124	1,586	7,143	5,425	x	x	1,035	3,948	5,408

TABLE 1A. Principal Statistics classified by Province, 1962 and 1963 - Concluded

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	
1963	No.		'000							'000		'000	
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	9	579	1, 172	2, 204	97	1, 088	4, 599	3, 419	x	x	630	2, 527	3, 413
Ontario	5	320	637	1, 164	33	442	2, 414	1, 976	x	x	366	1, 490	1, 969
Manitoba	1												
Saskatchewan	—												
Alberta	2												
British Columbia	1	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	18	899	1, 809	3, 368	130	1, 530	7, 013	5, 395	x	x	996	4, 017	5, 382

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	Value	
	1962	1963
	\$'000	
1. Work done for others (custom work)	7, 161	7, 038
2. Shipments of goods of own manufacture		
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(18)	(13)
Total adjusted value of shipments and work done	7, 143	7, 025

TABLE 3. Number of Fur Skins Treated, 1962 and 1963

Kind	1962	1963
Bear	1, 428	718
Beaver	145, 452	169, 604
Cat, house and other	7, 295	1
Ermine, (weasel)	6, 918	24, 127
Fisher or pekan	557	202
Fitch	1	1
Fox, white	8, 470	68, 731
Fox, other than white	132, 364	80, 483
Goat and kid	1	1
Kolinsky	241, 591	271, 192
Lamb, Persian	842, 247	686, 022
Lamb, other	1	38, 382
Lynx	5, 780	7, 144
Marten	16, 456	16, 656
Mink	815, 844	1, 073, 709
Mink, Jap and China Weasel	439, 450	594, 836
Muskrat	2, 131, 644	1, 077, 147
Nutria	844	32, 458
Ocelot	3, 529	1, 682
Opposum	12, 227	15, 849
Otter	27, 801	26, 691
Rabbit	208, 395	271, 104
Raccoon	323, 211	585, 846
Seal, hair	14, 329	14, 357
Sheep, shearling and mouton	546, 470	496, 960
Sheep, other	1	1
Skunk	1	1
Squirrel	260, 565	129, 001
Wolf	5, 174	11, 363
Other kinds	31, 706	44, 283
Totals	6, 229, 747	5, 738, 549

¹ Included in "Other kinds".

HAIR GOODS MANUFACTURERS, 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 hair, bristles and hair goods".

There was an increase of one in the number of establishments in this industry from 1962 to 1963 and a general overall increase in activity in the latter year.

Table 2 gives the 1963 shipments of goods of own manufacture. In this table, the shipments of "Wigs, toupees and switches" have been concealed in order that the more important all-industry shipment data covering this commodity for both the years 1962 and 1963 may be shown in Table 3.

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

TABLE 1A. 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	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	11	51	99	109	4	269	485	214	11	43	56	127	219
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	3	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	5	20	37	50	1	25	141	117	5	23	21	52	117
Manitoba	1	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	2	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	11	49	98	113	4	246	494	258	10	40	54	129	258
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	3	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	6	29	58	77	1	49	242	198	5	35	29	77	206
Manitoba	1	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	2	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	12	56	120	144	3	257	614	366	10	56	60	161	377

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Animal hair, cleaned and dressed	82,093	266	86,950	294
Wigs, toupees and switches .....	...	1	...	1
All other products .....	...	196	...	296
2. Amount received in payment for work done on materials and products owned by others .....	...	32	...	24
Total adjusted value of shipments and work done .....	...	494	...	614

¹ Included in "All other products".

TABLE 3. 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	Value	
	1962	1963
	\$'000	
Wigs, toupees and switches	412 ¹	568

MODEL AND PATTERN MANUFACTURERS, 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 models and patterns of all materials".

This industry shows not only an increase of seven establishments from 1962 to 1963, but also a markedly

higher level of activity, as shown in Table 1 A. Table 2 gives the 1963 shipments of goods of own manufacture by this industry.

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

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	85	589	1,263	2,368	78	1,809	7,654	5,921	60	270	778	3,338	5,964
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	20	121	262	454	18	257	1,150	880	15	105	141	547	874
Ontario	59	482	1,087	2,107	62	1,820	7,371	5,529	37	164	623	2,998	5,532
Manitoba	1	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	19	39	92	3	31	257	221	8	51	25	111	171
Alberta	1	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	7	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	88	622	1,388	2,653	84	2,107	8,778	6,631	60	320	789	3,657	6,632

TABLE 1A. Principal Statistics classified by Province, 1962 and 1963 - Concluded

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
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	25	119	253	486	21	278	1,280	988	15	95	146	617	983
Ontario	62	541	1,210	2,560	77	2,124	8,849	6,865	35	186	689	3,507	6,906
Manitoba	1	24	49	119	3	38	307	266	6	38	30	148	264
Saskatchewan	-												
Alberta	1												
British Columbia	6	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	95	684	1,511	3,164	101	2,440	10,436	8,120	56	319	865	4,272	8,153

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

	Value	
	1962	1963
	\$'000	
1. Products:		
Models and patterns:		
Metal	986	1,211
Wood	1,733	2,155
Paper and other	3,132	3,442
Moulds	2,514	3,132
Dies	123	91
All other products	197	308
2. Amount received in payment for work done on materials and products owned by others	96	101
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(4)	(4)
Total adjusted value of shipments and work done	8,778	10,436

SMOKERS' SUPPLIES MANUFACTURERS, 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 tobacco pipes and cigarette lighters".

Although there was no increase in the number of establishments in this industry from 1962 to 1963, the general level of activity was most markedly increased. Table 2 gives the 1963 shipments of goods of own

manufacture by this industry in minimum detail. This has been done in order that the more important data covering the 1962 and 1963 shipments, by all industries, of the principal products of this industry may be shown in Table 3.

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

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	10	89	182	266	16	1,105	2,322	1,188	8	44	142	536	1,559
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	4	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	6	103	219	340	19	1,495	3,178	1,858	-	-	157	694	2,196
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	1	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	11	113	248	366	20	1,515	3,259	1,919	5	18	170	722	2,255
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	4	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	6	110	252	415	23	1,795	3,626	1,894	-	-	171	792	2,263
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	1	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	11	127	279	440	24	1,883	3,714	1,941	5	18	183	816	2,255

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Pipes	3,259	3,696
Cigarette and cigar lighters		
Other smokers' accessories		
All other products		
2. Amount received in payment for work done on materials and products owned by others	12	18
Total adjusted value of shipments and work done	3,259	3,714

TABLE 3. 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
Pipes	doz.	7,935	175	9,575
Cigarette and cigar lighters, including automotive	No.	743,888	1,488	943,079
Lighter fluid .....	...	...	332	...

STAMP AND STENCIL (RUBBER AND METAL) MANUFACTURERS, 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 rubber and metal stamps and stencils".

Despite the drop of four in the number of establishments in this industry from 1962 to 1963, there was a

sizeable increase in the general level of activity as shown in Table 1A. Table 2 gives the 1963 shipments of goods of own manufacture by the industry.

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

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	
1961	No.		'000			\$'000				\$'000		\$'000	
Totals	70	606	1,267	2,146	104	1,852	6,536	4,602	33	136	864	3,413	4,882
1962													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	1	x	x	x	x	x	x	x	—	—	x	x	x
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	16	143	289	458	24	530	1,737	1,186	9	36	195	693	1,237
Ontario	36	363	779	1,420	55	1,166	4,234	3,017	16	66	514	2,256	3,167
Manitoba	4	8	18	28	—	12	104	91	x	x	14	60	100
Saskatchewan	2	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	4	15	31	47	2	58	199	139	x	x	21	69	140
British Columbia	9	39	83	159	7	105	523	412	4	17	66	276	469
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	72	579	1,225	2,144	88	1,884	6,871	4,906	32	134	824	3,397	5,181
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	2	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	17	149	324	521	24	657	2,129	1,474	9	37	208	879	1,479
Ontario	32	371	780	1,465	54	1,328	4,352	2,977	12	64	523	2,271	3,196
Manitoba	4	11	22	43	—	24	114	90	x	x	15	63	102
Saskatchewan	2	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	5	15	32	54	4	95	238	139	x	x	22	89	138
British Columbia	6	39	84	166	7	93	496	397	2	18	69	283	464
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	68	594	1,259	2,287	88	2,226	7,416	5,133	27	143	848	3,635	5,459

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Stamps, daters and other marking devices:		
Rubber	1,952	2,186
Other (steel, brass, etc.)	277	288
Dies:		
Rubber	1,094	1,226
Other	116	35
Stencils, all kinds	188	200
Seals, all kinds	389	325
Signs, all kinds	215	264
Plates, metal (license, name, etc.)	1,279	1,445
Metal stampings	217	270
All other products	1,090	1,136
2. Amount received in payment for work done on materials and products owned by others	82	85
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(27)	(45)
Total adjusted value of shipments and work done	6,871	7,416

STATUARY, ART GOODS, REGALIA AND NOVELTY MANUFACTURERS, 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 statuary, art goods and novelties (except those of stone or concrete)".

As presented in Table 1 A, there was a decrease in both the number of establishments and in the general

level of activity from 1962 to 1963 in this industry. The 1963 shipments of goods of own manufacture by the industry are presented in Table 2, whereas Table 3 gives the 1962 and 1963 shipments of "Artificial Christmas trees" by all industries.

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

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	86	538	1, 121	1, 356	61	1, 919	5, 234	3, 315	76	263	731	2, 023	3, 545
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	41	213	485	519	26	806	2, 149	1, 370	38	138	262	697	1, 460
Ontario	34	289	637	804	33	1, 373	3, 389	1, 999	24	77	358	1, 185	2, 089
Manitoba	6	37	94	106	4	114	390	275	5	13	50	164	278
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	3	-	-	-	1	3	14	11	3	7	-	-	11
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	84	539	1, 216	1, 429	63	2, 295	5, 942	3, 656	70	235	670	2, 046	3, 838
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	36	159	333	429	20	714	1, 683	976	37	136	197	578	1, 084
Ontario	33	300	671	852	33	1, 274	3, 331	2, 013	18	51	368	1, 234	2, 040
Manitoba	5	x	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	4	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	78	502	1, 097	1, 384	59	2, 122	5, 417	3, 258	62	202	620	1, 954	3, 403

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Statuary and art goods:		
Statues and statuettes	669	515
Religious articles (rosaries, medals etc.)	186	223
Ornaments, all kinds (except cake)	267	394
Art goods, other	345	79
Novelties:		
Leather	1	1
Metal	1	1
Paper	1	1
Plaster	167	159
Plastic	699	1,069
Other	406	587
Cake ornaments and decorations	121	125
Christmas decorations	611	572
Christmas trees, artificial	1	1
Crests, emblems, badges, regalia, all kinds	439	339
Display forms (mannequins etc.)	427	352
Gold and silver stamping	124	107
All other products	1,436	882
2. Amount received in payment for work done on materials and products owned by others	45	47
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(20)	(12)
Total adjusted value of shipments and work done	5,942	5,417

¹ Included in "Novelties, other".

² Included in "All other products".

TABLE 3. 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	Value	
	1962	1963
	\$'000	
Artificial Christmas trees	422	532

UMBRELLA MANUFACTURERS, 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 umbrellas and canes".

There was an increase in both the number of establishments in this industry from 1962 to 1963, and

in the level of activity as shown in Table 1A. The 1963 shipments of goods of own manufacture by this industry are shown in Table 2.

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

TABLE 1 A. Principal Statistic classified by Provinces, 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	8	103	202	221	9	659	1,308	604	x	x	169	427	679
1962													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	4	68	151	171	7	449	873	479	-	-	98	287	542
Ontario	1	x	x	x	x	x	x	x	-	-	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	3	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	8	98	211	232	11	685	1,351	720	x	x	140	420	783
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	5	56	107	131	4	427	962	507	x	x	74	207	499
Ontario	1	x	x	x	x	x	x	x	-	-	x	x	x
Manitoba	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia	3	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	9	92	188	204	8	709	1,537	793	x	x	119	363	784

TABLE 2. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
	doz.	\$'000	doz.	\$'000
1. Products:				
Umbrellas	37,250	1,195	42,531	1,419
All other products .....	...	146	...	112
2. Amount received in payment for work done on materials and products owned by others .....	...	10	...	9
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(-)	...	(-)
Total adjusted value of shipments and work done .....	...	1,351	...	1,537

OTHER MISCELLANEOUS INDUSTRIES, 1963

In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry, which is a residual one, is defined generally as comprising those "Establishments which cannot be assigned to the revised Standard Industrial Classification". These firms manufacture either a product, or products, not covered by a distinct classification, or a product, or products, that would be assignable to existing classifications were it not for their mixed nature. It should also be noted that, when the revised Standard Industrial Classification was implemented for the 1960 survey, two special groups of firms were transferred into this industry as follows: (a) establishments producing mainly gaskets of more than one material; and, (b) firms chiefly making folding doors out of more

than one material. These transfers were aimed at bringing together in this industry most of the firms making specialized end products of many varied materials.

Despite the same number of establishments from 1962 to 1963, there was a marked increase in the level of activity as shown in Table 1A. In view of the residual nature of this industry, the table showing the breakdown of shipments of goods of own manufacture is not presented because to do so would, in most cases, reveal individual company information. Instead, the 1962 and 1963 shipments by all industries of the two commodities, mentioned in the first paragraph of this preface, have been shown in Table 2.

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	46	1,555	3,288	4,494	208	8,529	22,023	13,536	11	46	2,120	7,671	14,349
1962													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	14	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	34	841	1,769	2,396	118	6,443	13,576	6,989	12	41	1,242	4,463	7,815
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	1	x	x	x	x	x	x	x	—	—	x	x	x
British Columbia	1	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	50	1,725	3,758	5,138	222	9,945	25,123	15,232	18	54	2,389	8,589	16,571
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	1	x	x	x	x	x	x	x	—	—	x	x	x
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	16	1,005	2,252	3,199	128	4,322	13,632	9,444	x	x	1,302	4,986	10,006
Ontario	31	882	1,827	2,676	130	7,577	14,949	7,657	10	36	1,288	4,945	8,775
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	1	x	x	x	x	x	x	x	—	—	x	x	x
British Columbia	1	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	50	1,898	4,101	5,898	259	11,932	28,673	17,152	14	50	2,605	9,970	18,832

TABLE 2. 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
Washers and gaskets, all kinds (excluding metal) .....	...	6,999	...	8,319
Folding doors, all types	161,880	2,321	1	1

¹ Confidential.

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
Artificial Flowers and Feathers Manufacturers	
Newfoundland:	
Garland's Florist	Carbonear
Quebec:	
American Artificial Flower Co. Ltd.	1485 Bleury St., Montreal
Black, G.G. & Co. Ltd.	4900 Louis Veuillot St., Montreal
Bernard Petras Ltd.	2181 St. Catherine St. E., Montreal
Decorative Art Flowers Inc.	856 St. James St. W., Montreal
Dominion Flower & Feather Mfg. Co. Reg'd.	395 Dowd St., Montreal
Empire Novelties & Flowers Co. Inc.	263 Nazareth St., Montreal
Excell Feather Dyers	9774-57th Ave., Rivière-des-Prairies
French Feather & Flower Co. Ltd.	3437 Park Ave., Montreal
Hollander, K.P. Reg'd.	3790 Marlowe Ave., Montreal
Leone, J. & P. Ltd.	5144 St. Hubert St., Montreal
Lillian Novelties Mfg. Co. Ltd.	1025 Bleury St., Montreal
Nantel, R.	8975 Forbin Janson, Montreal
Parisian Artificial Flowers Co.	2625 Albert St., Montreal
Plumes de Paris Ltee	950 St. Urbain St., Montreal
St. Michel Novelties Reg'd.	7957-20th Ave., Ville St. Michel
Salon Nadine Engr.	1018 Sherbrooke St. W., Montreal
Vetcraft Shops	109 Grey Nuns St., Montreal
Ontario:	
Ada Ingleson	197 Raleigh Ave., Scarborough
Barnes Artificial Wreaths	263 Essex St., Sarnia
Brown, Percy	71 Sanford Ave. N., Hamilton
Canadian Follage Co. Ltd.	18th St. & 3rd Ave., Owen Sound
Clark, George Feather Co.	54 Westbrook Ave., Toronto
Continental Art Flower Co.	23 Duke St., Toronto
Creative Floral Crafts Ltd.	241 Dovercourt Rd., Toronto
Decorative Flower Co.	505 Eastern Ave., Toronto
European Artificial Flower Co.	459 Adelaide St. W., Toronto
National Floral Mfg. Co.	Waterford
Naylon, David Associates Ltd.	252 King St. E., Toronto
Nicol, Wallace Displays Ltd.	55 Victoria Ave., Galt
Regal Artflowers	3426 Bathurst St., Toronto
Shurbloom Bulb Co. of Canada	1897 Jane St., (Weston) Toronto 15
Vetcraft Shops	Sunnybrook Hospital, Toronto
Manitoba:	
Van Kirk Decorating Co.	365 Broadway, Winnipeg 1
Artificial Ice Manufacturers	
Nova Scotia:	
Crowe's Ice Limited	162 Vimy Rd., Bible Hill, Truro
Digby County Ice Co. Ltd.	142 Prince William St., Digby
MacConnell Ice Co. Ltd.	686 Main St., Yarmouth
Nova Scotia Ice Co. Ltd.	125 Barrington St., Halifax
New Brunswick:	
Moncton Ice Co. Ltd.	165 Albert St., Moncton
Quebec:	
Glace Brunelle Ice Engr.	4236 Notre Dame, Trois Rivières, O.
Glace Frontenac Ltée	45 Renaud Ave., Quebec
Thibault, J.A. Ltée	2760 Reading St., Montreal
Ontario:	
Abso Pure Ice Ltd.	15 Bristol St., Hamilton
Boyle, F.O. & Sons Ltd.	3 Fourth St., Welland
Cataract Ice Company	389 Park St., Niagara Falls
Delisle Ice & Coal Co.	1590 Crawford Ave., Windsor
Empire State Ice Co. Ltd. (plant at New Toronto)	8th & Toronto Sts., New Toronto
Empire State Ice Co. Ltd. (plant at Windsor)	Michigan Central R.R. Yds., Sandwich W.
F.O. Boyle & Sons Ltd.	3 Fourth St., Welland
Gordon's Ice Mfg.	8 Augustus Rd., Cornwall
Lake Simcoe Ice & Enterprises Ltd.	10 Shorncliffe Rd., Islington
Ottawa Ice Co. Ltd., The	387 Nicholas St., Ottawa 2
Ottawa Valley Ice & Cold Storage	381 James St., Pembroke
Purity Ice Co. Ltd.	28 Markham St., Toronto 3
Sarnia Ice Co. Ltd.	350 N. Front St., Sarnia
Standard Ice & Coal Co.	41 Ravine Rd., St. Catharines
Teal Bros.	10 Cambridge St., Crystal Beach
Alberta:	
The Alberta Ice Co. Ltd.	Riverside Dr. & 6A St. N.E., Calgary
Glacier Ice Co. Ltd.	410-40th Ave. N.E., Calgary
British Columbia:	
Inland Ice & Cold Storage Co. Ltd.	Revelstoke
Inland Ice & Cold Storage Co. Ltd.	Vernon
Southern Ice Ltd.	Indian Reserve, Penticton

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Candle Manufacturers	
Quebec:	
Baillargeon, Eloi Ltée	4524 Iberville, Montréal
Baillargeon, F. Ltée	Rue Principale, St. Constant
Chandellerie Marie Inc.	Notre Dame
Chandellerie Rimouski Enrg., La	107 Tessier, Rimouski
Cire Saguenay Enrg.	263 Lafontaine Ave., Chicoutimi
Dupuis, Gaetan	469 rue Loranger, St. Jérôme
La Chandellerie Rimouski Enr.	107 rue Tessier, Rimouski
Lasnier, J.L. Enrg.	2 rue St. Antoine Longueuil
Lasnier, J.B. Pere Enrg.	50 rue St. Georges, Lévis
Mailloux, J.E. Ltée.	B.P. Talon, St. Luc
Rivest, S. Enrg.	6369 Beaulieu Montreal 20
Sunshine Candle Mfg. Co.	366 Laurier Ave. E., Montreal
Will and Boumer Candle Co. Ltd.	34 Montée Du Moulin, Laval-des-Rapides
Ontario:	
Candella Company	97 Duke St., Toronto
Fern Brand Waxes Ltd.	176 Toryork Rd., Weston
Manitoba:	
Eternalite Candle Co.	Highway 4, Middlechurch
Saskatchewan:	
St. Mark Shop, The	Box 24, Lumsden
British Columbia:	
Western Beeswax Candle Co. Ltd.	Box 877, Creston
Fur Dressing and Dyeing Industry	
Quebec	
Champion Fur Dressing & Dyeing Reg'd	1015 William St., Montreal
Feather Blending Co.	4821 Rouen Ave., Montreal 4
Globe Fur Blending Co., Ltd.	3770 Henri-Julien St., Montreal 18
Goodman and George (Canada) Ltd.	856 St. Remi St., Montreal 30
Hollander, A. & Son Ltd.	995 Wellington St., Montreal 3
Maranda & Labreque Ltés	180 Avenue Renaud, Québec
Marty Fur Dresser and Dyer Inc.	8540 - 9th Ave., Ville St-Michel
Way Lambskin Processors Ltd.	150 St. Etienne St., L'Assomption
S.K. Fur Dressing & Dyeing Ltd.	2115 St. Lawrence Blvd., Montreal 18
Ontario:	
Atlas Fur Tanning & Dyeing Ltd.	R.R. 1, Cookstown
Gama Tanning Ltd.	104 Water St. N., Galt
Reliable Fur Dressers and Dyers, (1960) Ltd.	400 Richmond St. W., Toronto 2B
Shiner Fur Dyeing Ltd.	570 King St. W., Toronto
Universal Fur Dressers and Dyers, Ltd.	121 Prescott Ave., Toronto 9
Manitoba:	
Cohn, D. Trans-Canada Ltd.	Poplar Ave. & Levis St., Winnipeg
Alberta:	
Briggs Furriers & Tannery Ltd.	655 Briggs Ave., Calgary
Polar Fur Dressing	12755 - 64th St. Edmonton
British Columbia:	
B.C. Fur Dressers & Dyers Ltd.	3877 Commercial Drive, Vancouver 12
Hair Goods Manufacturers	
Quebec:	
Eisenberg, B. Inc.	4361 St. Dominique, Montreal
Herlick, S. Co.	4065 St. Dominique, Montreal
Wagner Bros.	4241 Frontenac St., Montreal
Ontario:	
Artistic Hair Creations	188 Dupont St., Toronto
Harpley, D.M.	27 Sammon Ave., Toronto
Jan Hair Studio	327 Bloor St. E., Toronto
Murphy, Jean	154 Nelson St., Kingston
Summit Wigs of Canada Ltd.	551 A Yonge St., Toronto
White's Hair Goods	10 Teranley St., Toronto
Manitoba:	
New York Hair Store	784 Croydon Ave., Winnipeg
British Columbia:	
Hanson Co. Ltd.	825 Granville St., Vancouver
Mitchell Hairgoods	712 Robson St., Vancouver

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Model and Pattern Manufacturers	
Quebec:	
Allied Marker (Canada) Ltd.	5432 Iberville St., Montreal
Argos Engraving Ltd.	870 Devonshire Rd., Greenfield Park
Beliveau Woodwork Reg'd.	Rock Forest
Belleville Woodwork Inc.	2049, Ave. des Erables, Plessisville
Bergeron, Adélard	142, rue Carillon Québec
Canadian Shoe Pattern Co.	9525 LaSalle Blvd., Ville LaSalle
Chadelaine, Phil, Enr.	1435, rue St-Alexandre, Montreal
Chateauguay Pattern & Foundry Co. Ltd.	Ste-Philomène
Crepin Shoe Patterns	279, rue de l'Etoile, Laval-des-Rapides
Descombes, N. Fils	221, rue de Jumonville, Québec
Eastern Pattern & Model Makers Reg'd.	2385 Jeanne D'Arc, St., Montreal
Electromould Engineering Reg'd.	540 Beaudry St., Montreal
General Pattern & Woodworking Co. Ltd.	5701 Côte St. Paul Rd., Montreal
International Pattern Works Reg'd.	4481 Franchère St., Montreal
Joliette Pattern Works Reg'd.	185 Dugas St., Joliette
Laflamme, A. Ltée.	472, rue St-Henri, Montreal
LaSalle Plastic Moulds Inc.	3162-37th St., St. Michel
M.G. Pattern Works Co. Inc.	4585 de La Roche St., Montreal
MacShrier Reg'd.	1449 St. Alexander St., Montreal
Marci Pattern Shop Inc.	10223, boul. St-Laurent, Montréal
Modern Woodcraft	516 - 1st Ave., Rawdon
National Shoe Patterns Ltd.	35 Meunier St., Laval-des-Rapides
Plastic Service Dies Ltd.	2200 St. James St. W., Montreal
Standard Pattern Works Reg'd.	267 Berard St., Montreal 30
Western Pattern Works Inc.	217 Young St., Montreal 3
Ontario:	
Accurate Mould Co. Ltd.	76 McCulloch Ave., Rexdale
Adroit Moulds	9 Golden Gate Court, Scarborough
Akromold (Goderich) Ltd.	Cambridge St., Goderich
Anderson, A.G. Ltd.	3040 Osler St., London
Argus Mould & Tool Co. Ltd.	1 A Thora Ave., Scarborough
Atlas Pattern Works Ltd.	1196 Westcott Rd., Windsor
Border Patterns Ltd.	2547 Doty Place, Windsor
Brown Pattern Works	29 Stafford St., Toronto
Butterick Co. Inc. The	528 Evans Ave., Toronto
Canada Pattern & Plastics Mfg. Ltd.	14 Verral Ave., Toronto 8
Center Tool & Mold Co. Ltd.	2466 Central Ave., Windsor
Composite Form	108 Wellington St. W., Toronto
Crossley Patterns	300 West St. S., Orillia
Custom Pattern Works	1237 A Bloor St. W., Toronto
Dominion Pattern Works	176 Princess St., Hamilton
Dominion Simplicity Patterns Ltd.	120 Mack Ave., Scarborough
Dot Pattern & Model Works Ltd.	67 Lloyd St., Hamilton
Dundas Pattern Co.	Head St., Dundas
Expert Pattern Works	125 Wendell Ave., Weston
Fidelity Models & Displays Ltd.	1460 Don Mills Rd., Don Mills
Frontier Pattern Works Ltd.	2545 Doty Place, Windsor
Golden Mile Pattern Works	57 Crockford Blvd., Scarborough
Gudgeon Bros. Ltd.	Sub. 18 Industrial Rd., London
Harvie Thompson & Steven Waring Ltd.	28 Duke St., Toronto 2
Hy-Du-Plast Tool & Die Co. Ltd.	100 Crockford Blvd., Scarborough
Industrial Pattern Works	4074 Industrial Drive, Sandwich West
Industrial Pattern & Model Co.	450 Cumberland Ave., Hamilton
J. & J. Tool and Mold Ltd.	1195 Westcott Rd., Windsor
Jones Pattern Co. Ltd.	10 Queen Elizabeth Blvd., Toronto
Jones Pattern Co. Ltd. (plant at Kitchener)	391 King St. E., Kitchener
Locke's Pattern & Woodworking Shop	2276 Frederica St., Niagara Falls
Lofthouse Pattern Co. Ltd.	Kingston Rd. W., Oshawa
McAlpine Pattern Works	84 Ontario St., Toronto 2
Master Patterns Ltd.	1196 Westcott Rd., Windsor
Modern Pattern Works Ltd.	25 Civic Rd., Scarborough
Moffat, M.G. Associates Ltd.	69 Curlew Dr., Don Mills
Monarch Pattern Works	284 Wychwood Ave., Toronto
Morris Patterns Ltd.	42 Alice St., Brantford
New Standard Pattern Works	56 Esplanade St. E., Toronto 1
Oshawa Pattern & Model Ltd.	Oshawa
Parkway Mfg. Ltd.	241 Ottawa St. S., Kitchener
Pattern Engineering Co.	1646-8 Keele St., Toronto 8
Pattern Matchplate Co. Ltd.	31 Milford Ave., Toronto 15
Peel Tools & Moulds Ltd.	129 Falcon St., London
Potts Pattern Works Ltd.	145 Oakdale Rd., Downsview
Precision Pattern Works	486 Grays Rd., Hamilton
Price, John	Ingersoll
Quality Pattern	9 Woodycrest Dr., Guelph
Quality Pattern Co.	80 Asher St., Welland
Scott, O. R.	9 Woodycrest Dr., Guelph
Smith, Donald J. Wood and Metal Patterns	Brantford
Smiths Falls Pattern Works	Lombard St., Smiths Falls
Star Tools Ltd.	15 Mobile Dr., Toronto 16
St. Denis E.R. & Sons Ltd.	3900 Walker Rd., Windsor
Steel Dies & Moulds Ltd.	43 Raleigh Ave., Scarborough
Stellar Pattern & Machine Works	167 Simcoe St., Hamilton
Stephens Pattern Works Ltd.	7 Colborne St., Galt
Toronto Pattern Works Ltd.	4 Gilead Place, Toronto 2
Tri-Craft Co.	151 Lucan St., Waterloo
Tycos Tool & Die Co. Ltd.	115 Tycos Dr., Toronto 18
Wilcox Pattern Works	88 Lynvalley Cres. Scarborough
Wills, J.A. Pattern Work	411 Niagara St., St. Catharines

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Model and Pattern Manufacturers - Concluded	
Manitoba:	
Winnipeg Pattern & Model Works	287 Laura St., Winnipeg 2
Alberta:	
Pattern-Model-Furniture	11011-84th St., Edmonton
British Columbia:	
Adanac Pattern Shop Ltd.	841 Royal Ave., New Westminster
Fullerton Pattern Shop	1000 Parker St., Vancouver 6
Hutchinson Pattern Shop	638 A Pembroke St., Victoria
Lindsay Models & Metalcrafts Ltd.	1627 Garden Ave., N. Vancouver
Maple Leaf Pattern Works Ltd.	20 Jackson Ave., Vancouver
West Coast Pattern Shop	222 Woodland Dr., Vancouver
Smokers' Supplies Manufacturers	
Quebec:	
Bélanger & Frère Enr.	234½, rue Anna, Québec
Cesari, Frank	7825 Outremont Ave., Montreal 15
Paradis & Paradis Enr.	116, rue Dosquet, Ste-Foy
Superior Production	92, rue St. Louis, Terrebonne
Ontario:	
Brigham Pipes Ltd.	121 King St. W., Toronto
Canada Lighter & Plastics Ltd.	95-99 Sheppard Ave. W., Willowdale
Canadian Chenille Co. Ltd.	310 Spadina Ave., Toronto 2B
Cuno Lighter Co. Ltd.	938 Walker Rd., Windsor
Ronson Products of Canada Ltd.	110 Ronson Drive, Rexdale
Zippo Mfg. Co. of Canada Ltd.	2158 Allen Ave., Niagara Falls
British Columbia:	
Canadian Pipe Pipes Ltd.	10435 Trans-Canada Highway, Whalley
Stamp and Stencil (Rubber and Metal) Manufacturers	
Nova Scotia:	
Island Marking Systems	115 Prince St., Sydney
London Rubber Stamp Co. Ltd.	38 Argyle St., Halifax
Quebec:	
A. Accelerate Engravers	400 St. James St. W., Montreal
Armstrong, W.D. & Co. Ltd.	651 Notre Dame St. W., Montreal
Art Rubber Stamps Mfg. Co.	1187 Bleury St., Montreal
Aube, Lucien	746, rue Racine, Québec
Derome, A. & Cie Enr.	455, rue St-Sulpice Montreal
Dismas Society	4800 Decarie Blvd., Montreal
Dominion Marking Devices Ltd.	1015 Bleury St., Montreal
Estampe Larex Enr.	9725, rue Tolhurst, Montréal
General Engraving Inc.	2 Larochelle Ave., Lévis
Larin Engraving Ltd.	7015, rue Drolet, Montreal
London Stamp & Stencil Co. Ltd.	4375 Iberville St., Montreal 34
Markrite of Canada Inc.	648 Wellington St., Montreal
Montreal Marking Devices Ltd.	644 Lagauchetière St. W., Montreal
Montreal Rubber Stamps Reg'd	5961 Des Ecoles, St. Montreal 36
Montreal Stencil Works Ltd.	687 St. Paul St. W., Montreal
Stamp & Stencils, Reg'd	8815 Lajeunesse St., Montreal
Walker & Campbell	620 Lagauchetière St. W., Montreal
Ontario:	
Art Stamp & Seal Co.	120 Church St., Toronto
Barnard Stamp & Stencil Ltd.	8 George St., Hamilton
Barthaw, WM. L.	23 Scott St., Toronto
Bernard Cairns Ltd.	134 Richmond St. W., Toronto
Canada Stamp & Stencil Co. Ltd.	74 Dundas E., Toronto 2
Cornet Engraving Co.	480 Guelph Line, Burlington
Delta Engravers	2612 St. Clair Ave. W., Toronto
Dominion Name Plates Ltd.	24 McGee St., Toronto 8
Embree Industries Ltd.	151 Birge St., Hamilton
Essex Stamp Co. Ltd.	136 Ferry St., Windsor
Etched Name Plates Ltd.	2206 Gerard St. E., Toronto 13
Hamilton Match Plate Co.	265 Lottridge St. Hamilton
Harp, John, Mfg. Ltd.	14 Jeavons Ave., Scarborough
London Stamp & Stencil (Ontario) Ltd.	496 Gilbert Ave., Toronto
Mark, C.W. Co. Ltd.	86 Richmond St. E., Toronto
Mark, P.R. & Son Ltd.	91 Yonge St., Toronto
Metro Rubber Stamp Mfg.	600 Bay St., Toronto
Ontario Stamp & Printing Co.	362 Bathurst St., Toronto
Ottawa Rubber Stamp & Engraving Ltd.	43 Besserer St., Ottawa
Patterson & Heward	319 King St. W., Toronto
Pritchard Andrews Co. of Ottawa Ltd., The	264 Sparks St., Ottawa

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Stamp and Stencil (Rubber and Metal) Manufacturers - Concluded	
Ontario - Concluded:	
Stanley Manufacturing Co. Ltd., The	230 Bartley Drive, Toronto
Sterling Marking Products Ltd.	74 Carling St. W., London
Superior Craftsmen Rubber Plates Ltd.	18 Haymarket St., Hamilton
Super-Service Rubber Plate Co. Ltd.	66 Fraser St., Port Colborne
Supreme Rubber Stamp Co.	1112 Queen St. W., Toronto 4
Thistle Rubber Type Works	Sombra
Toronto-Name Plate & Mfg. Co. Ltd.	35 Six Points Rd., Toronto 18
Toronto Stamp & Stencil Works Ltd.	137 Church St., Toronto 2
Trans Canada Stamp & Marking Devices Ltd.	1034 Pape Ave., Toronto 6
Warwick Marking Products Ltd.	482 Belmont Ave. W., Kitchener
Wright Rubber Stamp Co.	130 Pearl St., Toronto 4
Manitoba:	
Bromelow, George & Son	322 Donald St., Winnipeg
Canadian Rubber Stamp Ltd.	324 Smith St., Winnipeg
Maple Leaf Stamp & Stencil Ltd.	470 Main St., Winnipeg
Manitoba Stencil & Stamp Works Ltd.	494½ Main St., Winnipeg
Saskatchewan:	
O.K. Marking Devices Ltd.	Davin Bld., Hamilton St., Regina
Rose Marking Devices Ltd.	150B - 2nd Ave N., Saskatchewan
Alberta:	
Acme Stamp & Dist. Ltd.	139A - 16th Ave. N.E. Calgary
Alberta Stamp & Marking Co.	10466 - 82nd Ave., Edmonton
Calgary Stamp & Stencil Ltd.	522 - 6th Ave., S.W. Calgary
Edmonton Rubber Stamp Co. Ltd., The	10127 - 102nd St. S., Edmonton
Joel's Rubber Stamp Co.	6958B Jasper Ave., Edmonton
British Columbia:	
British Columbia Stamp Works Ltd.	581 Richards St., Vancouver
Bromilow, W.	837 Hamilton St., Vancouver
Hewlth, George H. Co. Ltd.	944 Richards St., Vancouver
Smith Marking Devices Ltd.	15 East Broadway, Vancouver 10
Superior Stamp & Stencil Co. Ltd.	1618 East Hastings St., Vancouver 6
Western Stamp Works	346 West Broadway, Vancouver 10
Statuary, Art Goods, Regalia and Novelty Manufacturers	
Quebec:	
Audet, Rosaire Enr.	45, rue Lessard, Loretteville
Artisanat Renel Enr.	8711 - 8ième Ave., Ville St-Michel
Badge & Specialty Co. Ltd.	389 St. Paul St. W., Montreal 1
Bargone, Richie Jr.	642, rue St-Joseph, Lauzon
Barsetti & Manucci Inc.	381, 2ième rue, Québec
Basilières, Gérard Inc.	305 ouest, rue Port Royal Montreal
Berard Decor	1860 Plessis, St. Montreal 24
Canadian Handicraft & Fur Mfg.	351, Place Royale, Montréal
Cheron, Raymond	2260, boul. Perrot, Isle Perrot-Sud
Chez Théodore Enr.	574, rue Père Grénier, Québec
Création René Ltée	4518 Papineau St., Montreal
De Passillé - Sylvestre	Ste-Adèle-en-Haut
Dini, E. et Cie	115 St. Zotique St. W., Montreal
Edwin C. Ford Reg'd.	1191 Union Ave., Montreal
Fabrico Ltée	2407 Notre Dame East, Montreal 24
For-Ever Industries Ltd.	10105 St. Vital, Montreal N.
Gagnon, Denis	Lac-au-Saumon
Gagnon, Jos. Et Fils Inc.	St-Jean-Port-Joli
Guardo Statuary Reg'd	963 Rachel St. E., Montreal
Hungarian Art Studio	1071 St. Lawrence Blvd., Montreal
Industries Seminario Reg'd.	329 Assomption St., Sherbrooke
Kerner, D.M.	2015 Mountain St., Montreal
Le Staff Canadian Enr.	8852, boul. St-Laurent, Montreal
Les Ateliers Larochele Enr.	560-107ième rue, Shawinigan-Sud
Luxor Novelty Co.	83 Rachel St., Montreal
Ménard, Jules	Vallée Jonction
Modern Display Fixtures Inc.	2025 Desjardins Ave., Montreal
Moncel, J.P.	37 Notre Dame St. W., Montreal
Petrucchi, Paul Enr.	5972 - 2ième Ave. Rosemont Montreal 36
Petrucchi & Carli	1180, rue Wolfe, Montreal
Prevost, A.D. Inc.	165, 8ième Ave., Québec
Studio D'art Grand Mère Enr.	460, De LaSalle, Grand-Mère E.
Tinselcraft Co. of Canada Ltd.	410, boul. Laurier, St-Hilaire
Unique Novelties of Canada Reg'd.	2ième Ave. St. Martin
Vacl Manufacturing Co. Ltd.	8340 Dyonnet, Montreal 5
Wilco Industries Ltd.	690 Notre Dame St. W., Montreal 3
Ontario:	
Ambrose Kent & Sons Ltd.	410 Oakwood Ave., Toronto 16
Allied Roll Leaf Markers Ltd.	5734 Yonge St., Willowdale
Baker, C.F. & Son Ltd.	474 Bathurst St., Toronto
Balmer, Chas. F. & Co. Ltd.	69 Pape Ave., Toronto
Beaver Deck Supplies	R.R.#2, Pickering
Bellastra Products Ltd.	115 Scarsdale Rd., Don Mills
Canadian Art Statuary	1455 Dundas St. W., Toronto 3

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Statuary, Art Goods, Regalia and Novelty, Manufacturers - Concluded	
Ontario - Concluded:	
Charles Novelty Co., The	1 Gibson Ave., Grimsby
Clatworthy & Son Ltd.	399 Adelaide St. W., Toronto 2B
Danesi Art Co. Ltd.	12 Ossington Ave., Toronto 3
Dominion Regalia Ltd.	84 Elm St., Toronto 2
Estate of G. Plitz, The	Pickering
Fantasy Copperware of Canada Ltd.	150 St. Patrick St., Toronto 2B
Home Leather Kraft Co. Ltd.	180 Pearl St., Toronto
Howard Bros. Co. Ltd.	355 King St. W. Toronto 2B
Kenmore Snow Products Ltd.	112 Duke St. Toronto
Kingsway Gift Trading	Unionville
Kook, J.	18 Lennox St., Toronto
Lima Novelty	50 Lombard St., Toronto
Manicraft Displays Ltd.	931 Dundas St. E., Toronto 2
Marblelike Products Ltd.	196 Arthur St. N., Guelph
Modern Statuary & Novelty Co.	58 Stewart St., Toronto 2B
Morgese, Soriano Co. Ltd.	495 King St. W., Toronto 2B
Paper Mache Display	589 King St. W., Toronto
Ribbon Craft	23 Scott St., Toronto 1
Shear Display & Design Ltd.	250 Acton Ave., Downsview
Sinclair Bros. Novelty	Louisa St., Tweed
Steingard Picture Co.	7 Florence St., Barrie
Stewart Novelty Co.	21 Emery St. W., London
Tinsel Mfg. Ltd.	115 Scarsdale Rd., Don Mills
Toronto Gold & Silver Stamping Co.	41 Victoria St. Lane, Toronto
Trevelyan Mfg. Co.	282 Davenport Rd., Toronto 5
Vac Form	208 Colborne St., Port Stanley
Manitoba:	
Bush, Leon D. of Canada	1560 St. Jame St., Winnipeg
Devonware Ltd.	111 Lombard Ave., Winnipeg 2
Favor Industries	109 Pioneer Ave., Winnipeg 1
McAllister Regalia Co.	595 Jackson Ave., Winnipeg
Woolven Displays	210-344 Cumberland Ave., Winnipeg
British Columbia	
Burrows Displays	3438 Commercial Dr., Vancouver 12
David Stuart Co.	29791 Silverdale Rd., Mission City
Western Ornaments	4835 College Highway, Vancouver 8
Wilson Products Ltd.	45790 Ford St., Sardis
Umbrella Manufacturers	
Quebec:	
Brophey, W.A. Co. Ltd., The	255 De Castelnau St., Montreal
Igra Umbrella Co. Ltd.	395 Beaumont Ave., W., Montreal
Mount Royal Umbrella Mfg. Ltd.	736 Notre Dame St. W., Montreal 1
Telesco Brophey Ltd.	8765 Park Ave., Montreal 11
Tip Top Umbrella Mfg. Co.	3981 St. Lawrence Blvd., Montreal
Ontario:	
Atlas Umbrella Mfg. Ltd.	205 Richmond St. W., Toronto
British Columbia:	
B.C. Umbrella Mfg. Co.	72 West Cordova St., Vancouver 4
National Umbrella Co. Ltd.	259 E. Cordova St., Vancouver 4
Vancouver Umbrella Ltd.	812 West Pender St., Vancouver 1
Other Miscellaneous Industries	
Prince Edward Island:	
Hickey & Nicholson Tobacco Co. Ltd.	118 Prince St., Charlottetown
Quebec:	
Aquarium Enr. & Supply	1596, rue St-Hubert, Montreal
Canadian Precision Stampings Reg'd.	450 Port Royal W., Montreal 12
Gaylord Products of Canada Ltd.	2035 St. Anne St., St. Hyacinthe
Impenco. Ltd.	77 Vitre St. W., Montreal 1
Kay-Cee, Products Ltd.	433 St. Martin, St., Montreal
Produits Yamaska Inc.	St-Ours
Mevco Products	740 St. Maurice St., Montreal 3
Milloy, M. & Sons Ltd.	5578 Hadley St., Montreal 20
Argonne Machine Shop Stamping & Tooling	7519A Boyer St., Montreal
New Castle Products (Canada) Ltd.	199 Upper Edison Ave., St. Lambert
Pick, Fred L.	50 Rolland Ave., Ville St-Pierre
Robinson Fabrics Inc.	7901 Henri Bourassa Blvd. E., Montreal
Robb, Jos. & Co. Ltd.	5575 Côte St. Paul Rd., Montreal
Sole Products Limited	1820 Gifford St., Montreal 34
Terrington Co. Ltd., The	110 River St., Bedford
Universal Associates Ltd.	8750-8th Ave., Ville St-Michel

List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
Other Miscellaneous Industries - Concluded	
Ontario:	
Acro Gasket Industries Ltd.	19 Shaft Rd., Rexdale
Anderson Smith, J. Co. Ltd.	King & Beaver Sts. Newcastle
Andrew Wilson Plastics & Displays	4 Clinton Place, Toronto 4
Arrow Case Mfg. Co. Ltd.	11 Dublin St., Toronto 4
Canadian Gasket Co. Ltd.	505 Central Ave., Fort Erie
Chicago Rawhide Products Canada Ltd.	Park Rd. & Henry St., Brantford
Crane Packing Co. Ltd.	617 Parkdale Ave., N., Hamilton
De Long Hook & Eye Co. of Can. Ltd.	Wellington St. N., St. Marys
Dei Products	6 Church St., Bracebridge
Detroit Gasket & Mfg. (Canada) Ltd.	366 Centre St., Petrolia
Dominion Gasket & Mfg. Co. Ltd.	2 Scarlett Rd., Toronto 9
E & A Gunther Co. Ltd.	298 Murray St., Brantford
Garfinkel, Louis & Co. Ltd.	105 Tycos Drive, Toronto
Garlock of Canada Ltd.	66 Jutland Rd., Toronto 18
Humane Pet-Aids	257 Broadview Ave., Toronto 8
JB & D Co. Ltd.	# 7 Highway, Unionville
Lynn Sales Co.	253 Merton St., Toronto 4
Martin Electric Ltd.	112 Merton St., Toronto 12
Ontario Fireplace Co.	12 Lepage Court, Toronto
Onyx & Marble Ltd.	319 Howland Ave., Toronto
Paramount Gasket Co. Ltd.	137 Wendell Ave., Weston
Reff Bros.	97 Milvan Dr., Weston
Roby Industries of Canada Ltd.	31 Jutland Rd., Toronto 18
Signriter Co., The	117½ Harthy St., Brockville
Small Fibre Stampings Ltd.	31 Upton Rd., Scarborough
Splendid Novelty Co. Ltd.	915 Dupont St., Toronto
Stagecraft Ltd.	10 Austin Crescent, Toronto 4
Tuffy of Canada Ltd.	520 William St., Cobourg
Victor Manufacturing & Gasket Co. of Canada Ltd., The	Victor Drive & Chester St., St. Thomas
Wasson & Fried Co.	22 Dufferin St., Fort Erie
Weber Costello of Canada Ltd.	57 Ingram Dr., Toronto 15
Alberta:	
Prudham Building Specialties Ltd.	7515-104 St. Edmonton
British Columbia:	
Parry Dial & Nameplate	6562 Denison St., Vancouver 18

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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