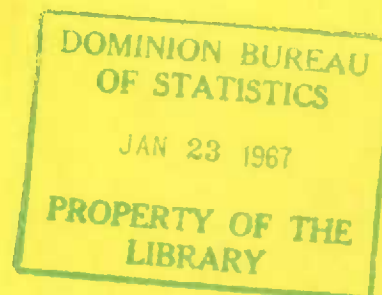


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ANNUAL



MISCELLANEOUS MANUFACTURING INDUSTRIES

1964

ANNUAL CENSUS
OF MANUFACTURES

DOMINION BUREAU OF STATISTICS

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Industry Division

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1964

ANNUAL CENSUS
OF MANUFACTURES

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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	
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47-209	Signs and Display Industry	A	.50	
47-210	Venetian Blind Manufacturers	A	.50	
47-211	Jewellery and Silverware Manufacturers	A	.50	

A — Annual

M — Monthly

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

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 through to Table 11, 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:

	Page
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 (rubber and metal) 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. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	2,483 ^f	36,827 ^f	77,054 ^f	119,353 ^f	5,977 ^f	268,915 ^f	600,523 ^f	329,475 ^f	1,497	6,731	52,978 ^f	199,974 ^f	369,256 ^f
1962													
Totals	2,532 ^f	38,560 ^f	82,070 ^f	129,156 ^f	6,368 ^f	300,831 ^f	667,483 ^f	369,306 ^f	1,463	6,515	54,580 ^f	213,606 ^f	408,944 ^f
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	36	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	61,176	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
1964													
Newfoundland	8	51	117	154	11	221	649	403	3	13	72	236	399
Prince Edward Island	4	10	19	19	2	20	83	63	3	16	13	32	63
Nova Scotia	40	180	379	532	71	792	2,014	1,151	19	77	237	782	1,403
New Brunswick	38	398	844	1,312	74	2,593	5,625	3,228	18	97	538	2,036	3,327
Quebec	753	12,128	26,648	40,134	1,998	91,754	204,294	111,170	389	1,871	16,243	64,651	115,996
Ontario	1,216	27,225	57,113	101,124	4,937	244,993	539,997	297,192	563	2,769	38,253	169,910	331,929
Manitoba	103	757	1,621	2,686	111	4,125	10,265	6,033	64	272	1,027	4,113	6,831
Saskatchewan	48	217	449	892	37	1,299	3,129	1,813	29	179	290	1,037	2,033
Alberta	158	656	1,358	2,360	133	4,103	10,024	5,865	95	513	948	3,720	7,831
British Columbia	296	1,378	2,813	5,504	287	7,143	19,911	12,643	187	921	1,958	8,935	17,967
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,664	43,000	91,361	154,515	7,661	357,043	795,993	439,560	1,370	6,727	59,579	255,453	487,578

TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
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	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
1964													
Under \$10,000	378	74	153	183	41	631	2,304	1,707	340	993	100	253	1,721
\$ 10,000 to \$ 24,999	554	552	1,144	1,599	124	2,651	9,166	6,483	494	2,409	670	1,989	6,714
25,000 " 49,999	437	1,226	2,585	3,797	234	5,251	15,701	10,369	317	1,848	1,534	4,992	11,001
50,000 " 99,999	364	2,009	4,288	6,917	402	9,474	25,979	16,174	170	1,090	2,623	9,705	17,087
100,000 " 199,999	301	3,199	6,778	10,911	605	17,713	42,700	24,907	43	327	4,265	16,190	27,975
200,000 " 499,999	303	6,803	14,356	22,282	1,097	40,819	96,386	55,370	6	61	8,817	34,234	60,601
500,000 " 999,999	150	6,713	14,258	22,160	1,183	49,837	104,870	54,987	—	—	8,781	34,447	61,543
1,000,000 " 4,999,999	157	15,562	33,380	53,522	2,567	140,562	297,059	158,292	—	—	20,837	86,990	169,645
5,000,000 and over	20	6,862	14,418	33,143	1,408	90,105	201,827	111,272	—	—	11,294	63,053	129,303
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	658	3,601	1,988
Totals	2,664	43,000	91,361	154,515	7,661	357,043	795,993	439,560	1,370	6,727	59,579	255,453	487,578

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1963													
Under \$10,000	635	234	486	592	88	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	4,067	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	41,983
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	68,696
500,000 " 999,999	97	7,268	15,406	23,398	1,023	67,348	133,988	68,346	—	—	9,736	38,309	74,792
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	119,897
5,000,000 and over	7	4,006	6,489	19,766	788	41,653	104,831	64,735	—	—	6,453	36,217	73,632
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
1964													
Under \$10,000	605	209	437	535	88	1,910	5,489	3,524	545	1,836	269	714	3,655
\$ 10,000 to \$ 24,999	609	1,091	2,266	3,271	211	5,787	15,850	10,047	489	2,608	1,351	4,242	10,756
25,000 " 49,999	433	1,987	4,251	6,393	382	10,610	26,350	15,442	245	1,614	2,601	9,005	16,304
50,000 " 99,999	335	3,077	6,486	10,302	628	18,210	42,088	23,706	81	532	4,079	15,120	26,495
100,000 " 199,999	261	4,668	9,842	15,838	786	31,401	68,556	36,728	9	116	6,154	24,398	42,989
200,000 " 499,999	237	9,044	19,239	29,355	1,509	63,830	137,821	73,730	1	22	11,881	46,245	80,357
500,000 " 999,999	106	7,921	16,842	27,132	1,326	72,691	147,524	75,053	—	—	10,289	42,742	81,606
1,000,000 " 4,999,999	70	10,731	22,923	39,685	1,807	106,614	232,900	128,975	—	—	15,142	67,847	137,037
5,000,000 and over	8	4,272	9,073	22,003	924	45,990	119,415	72,356	—	—	7,155	41,540	86,390
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	658	3,601	1,988
Totals	2,664	43,000	91,361	154,515	7,661	357,043	795,993	439,560	1,370	6,727	59,579	255,453	487,578

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
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
1964													
Under \$10,000	593	193	401	494	85	1,804	5,261	3,435	532	1,781	251	662	3,453
\$ 10,000 to \$ 24,999	591	1,003	2,082	2,974	188	5,380	15,019	9,591	489	2,592	1,209	3,712	9,799
25,000 " 49,999	434	1,874	4,016	6,024	354	9,643	24,778	14,880	253	1,657	2,425	8,398	15,439
50,000 " 99,999	329	2,899	6,108	9,442	581	16,639	38,885	22,042	81	529	3,790	13,567	22,993
100,000 " 199,999	262	4,382	9,220	14,434	706	28,546	63,545	34,638	14	146	5,686	21,640	36,816
200,000 " 499,999	255	8,907	18,971	29,106	1,539	63,172	137,022	73,667	1	22	11,681	45,479	79,352
500,000 " 999,999	117	8,181	17,397	27,887	1,378	76,187	153,107	76,889	—	—	10,668	44,085	83,585
1,000,000 " 4,999,999	73	10,865	23,256	40,445	1,813	104,719	226,273	123,844	—	—	15,120	66,853	135,847
5,000,000 and over	10	4,696	9,911	23,708	1,016	50,954	132,105	80,573	—	—	8,091	47,455	98,306
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	658	3,601	1,988
Totals	2,664	43,000	91,361	154,515	7,661	357,043	795,993	439,560	1,370	6,727	59,579	255,453	487,578

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
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	26,692	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
1964													
Under 5 employed	1,274	1,244	2,622	3,976	338	9,369	26,034	16,651	1,092	4,969	1,544	5,146	17,177
5- 14 employed	652	3,941	8,443	13,490	784	25,039	59,867	34,621	255	1,553	5,238	19,562	36,198
15- 49 "	455	9,230	19,507	31,067	1,707	71,075	154,107	82,602	23	204	12,261	48,622	90,341
50- 99 "	165	8,750	18,641	28,563	1,376	72,754	151,819	79,356	—	—	11,403	45,361	85,267
100-199 "	80	8,345	17,670	28,223	1,514	76,504	159,158	83,358	—	—	11,263	46,065	88,986
200-499 "	30	6,602	14,271	26,055	1,078	57,742	133,227	76,443	—	—	9,196	42,025	84,563
500 employed and over	8	4,888	10,208	23,142	885	44,559	111,780	66,530	—	—	8,016	45,079	83,059
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	658	3,601	1,988
Totals	2,664	43,000	91,361	154,515	7,661	357,043	795,993	439,560	1,370	6,727	59,579	255,453	487,578

TABLE 6. Principal Statistics classified by Type of Organization, 1963 and 1964

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
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
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
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
1964													
Individual ownerships	1,010	1,553	3,302	4,958	309	8,103	24,032	15,730	990	4,881	1,720	5,520	16,163
Partnerships	205	557	1,178	1,773	94	3,136	9,067	5,850	380	1,846	611	1,948	6,013
Incorporated companies	1,449	40,890	86,881	147,784	7,258	345,803	762,893	417,981	...	...	56,590	244,384	463,415
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	658	3,601	1,988
Totals	2,664	43,000	91,361	154,515	7,661	357,043	795,993	439,560	1,370	6,727	59,579	255,453	487,578

TABLE 7. Calculation of Output, Input and Value Added, 1963 and 1964

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
\$'000						
Output						
1. Shipments and other revenue	723,334	785,993	..	135,161	..	931,154
Inventories - Goods of own manufacture:						
Add closing - Goods in process	33,841	35,579	...	...	33,841	35,579
Finished goods	53,096	56,808	...	...	53,096	56,808
Deduct opening - Goods in process	29,829	34,642	...	...	29,829	34,642
Finished goods	48,230	49,473	...	...	48,230	49,473
2. Net inventory change	8,878	8,272	...	...	8,878	8,272
3. Gross output (1 + 2)	732,212	804,265	..	135,161	..	939,426
Input						
4. Purchases of goods not of own manufacture .....	...	...	..	..	..	..
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	18,473	17,626	18,473	17,626
Deduct closing .....	...	...	16,666	21,042	16,666	21,042
5. Cost of goods sold (not of own manufacture) .....	...	...	..	..	..	..
6. Materials, supplies, etc.	328,280	357,043	..	..	..	..
7. Fuel and electricity	6,943	7,661	...	...	6,943	7,661
8. Gross input (5 + 6 + 7)	335,223	364,704	..	..	..	..
Value added (3 - 8)	396,989	439,560	36,741	48,018	433,730	487,578

TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Admini- strative and office	Sales and distri- bution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
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
1964															
Newfoundland	44	7	..	..	..	..	..	..	57	15	154	..	..	..	236
Prince Edward Island	9	1	..	..	..	..	..	..	11	2	19	..	..	..	32
Nova Scotia	153	27	..	..	..	..	..	..	195	42	532	..	..	..	782
New Brunswick	287	111	..	..	..	..	..	..	377	161	1,312	..	..	..	2,038
Quebec	8,422	3,706	..	..	..	..	..	..	11,431	4,812	40,134	..	..	..	64,651
Ontario	16,415	10,810	..	..	..	..	..	..	23,797	14,456	101,124	..	..	..	169,910
Manitoba	583	174	..	..	..	..	..	..	768	259	2,686	..	..	..	4,113
Saskatchewan	198	19	..	..	..	..	..	..	244	46	692	..	..	..	1,037
Alberta	535	121	..	..	..	..	..	..	732	216	2,360	..	..	..	3,720
British Columbia	1,111	267	..	..	..	..	..	..	1,507	451	5,504	..	..	..	8,935
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	27,757	15,243	..	..	..	..	..	..	39,119	20,460	154,515	..	..	..	255,453

TABLE 9. Production and Related Workers, - Manufacturing Activity, 1963 and 1964

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January
February
March
April
May
June
July
August
September
October
November
December
Averages
Establishments reporting annual averages (small establishments only)
Average for all establishments	26,090	14,156	27,757	15,243

TABLE 10. Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	49	17	12	78	23	101
Prince Edward Island	3	—	1	4	—	4
Nova Scotia	258	9	24	291	8	299
New Brunswick	571	381	538	1,490	2	1,492
Quebec	18,939	7,827	12,007	38,773	2,772	41,545
Ontario	46,294	25,620	35,680	107,594	13,882	121,476
Manitoba	1,026	198	318	1,542	145	1,687
Saskatchewan	221	17	77	315	129	444
Alberta	883	169	270	1,322	185	1,507
British Columbia	1,306	404	545	2,255	480	2,735
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	69,551	34,642	49,473	153,666	17,626	171,292
Closing:						
Newfoundland	56	15	—	71	28	99
Prince Edward Island	4	—	3	7	—	7
Nova Scotia	284	10	23	317	17	334
New Brunswick	616	530	659	1,805	3	1,808
Quebec	19,322	7,609	12,854	39,785	2,875	42,660
Ontario	50,624	26,565	41,859	119,048	17,093	136,141
Manitoba	1,024	201	319	1,544	143	1,687
Saskatchewan	235	11	102	348	138	486
Alberta	1,017	175	339	1,531	205	1,736
British Columbia	1,523	462	649	2,634	539	3,173
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	74,704	35,579	56,808	167,091	21,042	188,133

TABLE 11. Purchased Fuel and Electricity Used in Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting 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. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	..	...	..
3. All establishments:				
Total fuel and electricity used .....	...	6,943	...	7,661

ARTIFICIAL FLOWERS AND FEATHERS MANUFACTURERS, 1964

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".

The 1964 shipments of goods of own manufacture by the industry are given in Table 2, whereas the 1963

and 1964 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 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals.....	32	317	568	632	21	974	2,628	1,704	18	77	455	1,020	1,963
1962													
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
1964													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	14	112	226	316	17	674	1,365	690	5	23	146	484	884
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	30	197	388	514	23	991	2,272	1,290	17	68	240	720	1,519

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
	\$'000	
1. Products:		
Artificial flowers:		
Silk, velvet and cotton.....	392	167
Plastic processed, lacquered or waxed in pottery, vases, etc.	439	512
Crepe paper and metallic and other	1	1
Feathers, all kinds	1	1
Feather trimmings	51	1
Floral displays and arrangements: artificial .....	..	224
Wreaths, decorative and memorial	425	443
Christmas decorations	245	128
All other products	1,057 ¹	762
2. Amount received in payment for work done on materials and products owned by others	56	36
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	2,665	2,272

¹ Included in "All other products".

TABLE 3. Shipments of Selected Goods of Own Manufacture - All Industries, 1963 and 1964
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	Value	
	1963	1964
	\$'000	
Artificial flowers, crepe paper and other	905	812
Feathers, all kinds	228	x

ARTIFICIAL ICE MANUFACTURERS, 1964

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".

There was an increase of one in the number of establishments in this industry from 1963 to 1964, and the general level of activity was somewhat higher in the latter year. Table 2 shows the 1964 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 1963 and 1964. These latter shipments include the shipments of those esta-

blishments transferred out of the Census of Manufactures survey in 1961 on the new establishment basis, but which were sent special 1964 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 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

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		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	30	159	381	502	235	192	1,726	1,292	7	23	253	848	1,778
1962													
Totals	29	167	391	512	254	203	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
1964													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	4	16	33	39	46	13	175	117	—	—	24	67	122
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	13	97	223	392	129	203	1,312	980	x	x	155	649	1,084
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	1	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	2	x	x	x	x	x	x	x	—	—	x	x	x
British Columbia	4	25	57	92	26	19	172	127	—	—	32	114	164
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	28	188	426	675	280	286	2,451	1,888	5	23	298	1,098	2,082

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
\$'000		
1. Products:		
Artificial ice	2,094	2,448
All other products	—	3
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	—	—
Total adjusted value of shipments and work done	2,094	2,451

TABLE 3. Shipments of Selected Goods of Own Manufacture—All Industries, 1963 and 1964
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

	1963		1964	
	Quantity	Value	Quantity	Value
	tons	\$'000	tons	\$'000
Artificial ice	410,215	2,898	432,402	3,025

CANDLE MANUFACTURES, 1964

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 a small increase in the level of activity in this industry from 1963 to 1964. Table 2 gives the

1964 shipments of goods of own manufacture by the industry.

A list of the establishments classified to the industry in the 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961 - 64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	16	178	431	498	45	1,247	3,089	1,841	8	30	288	1,089	2,048
1962													
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
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	12	174	427	540	54	1,344	3,271	1,881	x	x	301	1,171	2,138
Ontario	2	15	33	41	2	119	215	104	x	x	21	56	105
Manitoba	1												
Saskatchewan	1												
Alberta	-												
British Columbia	1												
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	17	189	460	581	56	1,463	3,486	1,985	8	38	321	1,227	2,243

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value \$'000	Quantity	Value \$'000
1. Products:				
Candles and clerges:				
Household, coloured, fancy, etc.:				
Household candles, paraffin wax	lb. 793,536	164	811,122	180
Coloured and fancy, including wax novelties	doz. 639,745	662	694,191	718
Church, chapel, synagogue, etc.:				
Bees wax candles and clerges	lb. 470,758	582	507,611	586
Composition candles and clerges	" 183,464	131	192,821	128
7-day lights, bees wax and vegetable oils	doz. 18,629	310	29,566	349
7-day lights, composition other	" 149,807	811	138,651	771
Votive lights, all kinds	" 1,727,948	742	1,288,910	663
Incense	1	1	1	1
Incensed charcoal	1	1	1	1
All other products .....	...	95	...	113
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)	...	(22)
Total adjusted value of shipments and work done .....	...	3,475	...	3,486

¹ Included in "All other products".

FUR DRESSING AND DYEING INDUSTRY, 1964

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 1963 to 1964. Table 2 shows the manufacturing

revenue of this industry for 1964 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 1963 and 1964 are given by number in Table 3.

A list of the establishments classified to the industry in the 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

Year and province	Estab-lishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
1961	No.		'000			\$'000				\$'000		\$'000	
Totals	15	877	1,857	3,178	120	1,266	6,834	5,449	x	x	997	3,830	5,429
1962													
Totals	19	915	1,829	3,199	124	1,586	7,143	5,425	x	x	1,035	3,948	5,408
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	9	579	1,172	2,204	97	1,066	4,599	3,419	x	x	630	2,527	3,413
Ontario	5												
Manitoba	1												
Saskatchewan	-	320	637	1,164	33	442	2,414	1,976	x	x	366	1,490	1,969
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 1. Principal Statistics, 1961-64 - 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		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
1964	No.		'000			\$'000				\$'000		\$'000	
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	8	429	869	1,900	73	638	3,648	2,950	x	x	476	2,150	2,942
Ontario	4	333	675	1,255	34	450	2,911	2,417	x	x	393	1,874	2,411
Manitoba	1												
Saskatchewan	2												
Alberta	1	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia	—	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	16	762	1,544	3,155	107	1,088	6,559	5,366	x	x	869	3,825	5,352

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
	\$'000	
1. Work done for others (custom work)	7,026	6,575
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	(13)	(16)
Total adjusted value of shipments and work done	7,013	6,559

TABLE 3. Number of Fur Skins Treated, 1963 and 1964

Kind	1963	1964
Bear	718	969
Beaver	169,604	147,640
Cat, house and other	1	1
Chinchilla	153	263
Cow and calf	14,649	7,768
Deer	435	649
Ermine, (weasel)	24,127	11,282
Fisher or pekan	202	720
Fitch	1	1
Fox, white	68,731	1
Fox, other than white	80,483	125,125
Goat and kid	1	1
Kolinsky	271,192	157,983
Lamb, Persian	686,022	1
Lamb, other	38,382	1
Lynx	7,144	14,673
Marten	16,656	24,870
Mink, North American and European	1,073,709	1,105,581
Mink, Jap and China Weasel	594,836	333,725
Muskrat	1,077,147	899,162
Nutria	32,458	1
Ocelot	1,682	1
Opussum	15,849	101,251
Otter	26,691	1
Rabbit	271,104	1
Raccoon	585,846	441,626
Seal, hair	14,357	16,314
Sheep, shearling and mouton	496,960	220,652
Sheep, other	1	1
Skunk	1	1
Squirrel	129,001	82,540
Wolf	11,363	1
Other kinds	29,048 ¹	1,138,765
Totals	5,738,549	4,831,560

¹ Included in "Other kinds".

HAIR GOODS MANUFACTURERS, 1964

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 a decrease of one in the number of establishments in this industry from 1963 to 1964.

Table 2 gives the 1964 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 1963 and 1964 may be shown in Table 3.

A list of the establishments classified to the industry in the 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals.....	11	51	99	109	4	269	485	214	11	43	56	127	219
1962													
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
1964													
Newfoundland.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia.....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec.....	3	x	x	x	x	x	x	x	x	x	x	x	x
Ontario.....	5	21	42	59	1	41	201	161	5	20	23	74	155
Manitoba.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta.....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia.....	3	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	11	51	107	130	4	290	649	361	8	37	59	168	359

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Animal hair, cleaned and dressed	86,950	294	78,450	309
Wigs, toupees and switches .....	...	1	...	1
All other products .....	...	296	...	332
2. Amount received in payment for work done on materials and products owned by others .....	...	24	...	20
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	—	...	(12)
Total adjusted value of shipments and work done .....	...	614	...	649

¹Included in "All other products".

TABLE 3. Shipments of Selected Goods of Own Manufacture — All Industries, 1963 and 1964

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

Description	Value	
	1963	1964
	\$'000	
Wigs, toupees and switches	568	852

MODEL AND PATTERN MANUFACTURERS, 1964

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 an increase of eight establishments from 1963 to 1964, and a higher level of activity,

as shown in Table 1. Table 2 gives the 1964 shipments of goods of own manufacture by this industry.

A list of the establishments classified to the industry in the 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
1961	No.		'000			'000				'000		'000	
Totals	85	589	1,263	2,368	78	1,809	7,654	5,921	60	270	778	3,338	5,964
1962													
Totals	88	622	1,388	2,653	84	2,107	8,778	6,631	60	320	789	3,657	6,626
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 1. Principal Statistics, 1961-64 - 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		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
1964	No.		'000			\$'000				\$'000		\$'000	
Newfoundland.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	29	162	357	694	26	466	1,795	1,318	15	90	194	880	1,316
Ontario	65	619	1,397	3,052	78	2,579	10,662	8,050	38	197	775	4,094	8,039
Manitoba	1	31	66	170	4	63	423	356	8	54	36	186	355
Saskatchewan.....	—												
Alberta	1												
British Columbia	7	—	—	—	—	—	—	—	—	—	—	—	—
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	103	812	1,820	3,916	107	3,108	12,880	9,725	61	341	1,005	5,161	9,710

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
	\$'000	
1. Products:		
Models and patterns:		
Metal	1,211	1,594
Wood	2,155	3,003
Paper and other	3,442	3,914
Moulds.....	3,132	3,716
Dies.....	91	182
All other products	308	376
2. Amount received in payment for work done on materials and products owned by others	101	107
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)	(12)
Total adjusted value of shipments and work done	10,436	12,880

SMOKERS' SUPPLIES MANUFACTURERS, 1964

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".

The level of activity of this industry was somewhat decreased from 1963 to 1964, although there was no decrease in the number of establishments. Table 2

gives the 1964 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 1963 and 1964 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 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

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		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
1961	No.		'000			\$'000				\$'000		\$'000	
Totals.....	10	89	182	266	16	1,105	2,322	1,188	8	44	142	556	1,556
1962													
Totals.....	11	115	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	2,208
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
1964													
Newfoundland.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia.....	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec.....	5	x	x	x	x	x	x	x	x	x	x	x	x
Ontario.....	5	91	193	337	15	1,544	3,136	1,644	—	—	151	722	1,748
Manitoba.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta.....	—	—	—	—	—	—	—	—	—	—	—	—	—
British Columbia.....	1	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals.....	11	104	222	363	16	1,581	3,257	1,728	7	21	164	748	1,831

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
1. Products:	\$'000	
Pipes.....	3,096	3,216
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.....	18	40
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.....	3,714	3,257

TABLE 3. Shipments of Selected Goods of Own Manufacture — All Industries, 1963 and 1964
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	1963		1964	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
Pipes..... doz.	9,575	234	14,395	335
Cigarette and cigar lighters, including automotive..... No.	943,079	1,712	1,033,480	1,843
Lighter fluid.....	...	319	...	250

STAMP AND STENCIL (RUBBER AND METAL) MANUFACTURERS, 1964

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".

From 1963 to 1964, there was a general increase in the level of activity of this industry as shown in

Table 1. Table 2 gives the 1964 shipments of goods of own manufacture by the industry.

A list of the establishments classified to the industry in the 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
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													
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	206	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	x	x	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
1964													
Newfoundland.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia.....	2	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec.....	18	158	363	565	24	768	2,273	1,475	9	34	216	926	1,478
Ontario.....	32	379	815	1,529	60	1,315	4,563	3,165	10	57	545	2,448	3,407
Manitoba.....	3	7	14	21	--	9	80	71	x	x	10	34	71
Saskatchewan.....	2	x	x	x	x	x	x	x	—	—	x	x	x
Alberta.....	5	16	31	53	4	96	237	138	x	x	21	79	137
British Columbia.....	6	40	84	155	6	121	502	375	x	x	71	288	459
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals.....	68	610	1,330	2,361	94	2,347	7,749	5,282	24	129	876	3,828	5,633

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
1. Products:	\$'000	
Stamps, daters and other marking devices:		
Rubber.....	2,186	2,350
Other (steel, brass, etc.).....	288	279
Dies:		
Rubber.....	1,226	1,301
Other.....	35	16
Stencils, all kinds.....	200	186
Seals, all kinds.....	325	256
Signs, all kinds.....	264	231
Plates, metal (license, name, etc.).....	1,445	1,567
Metal stampings.....	270	267
All other products.....	1,136	1,260
2. Amount received in payment for work done on materials and products owned by others.....	85	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.....	(45)	(49)
Total adjusted value of shipments and work done.....	7,416	7,749

STATUARY, ART GOODS, REGALIA AND NOVELTY MANUFACTURERS, 1964

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)".

Despite the decrease of two in the number of establishments in this industry from 1963 to 1964

there was an increase in the general level of activity. The 1964 shipments of goods of own manufacture by the industry are presented in Table 2, whereas Table 3 gives the 1963 and 1964 shipments of "Artificial Christmas trees" by all industries.

A list of the establishments classified to the industry in the 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals.....	86	538	1,121	1,356	61	1,919	5,234	3,315	76	263	731	2,023	3,545
1962													
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
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick.....	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec.....	31	148	303	401	16	733	1,722	975	30	109	178	511	1,008
Ontario.....	35	302	649	878	32	1,421	3,599	2,150	16	43	371	1,278	2,162
Manitoba.....	4	38	81	87	3	125	366	260	3	11	49	119	266
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	1	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia.....	5	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	76	495	1,047	1,390	53	2,306	5,798	3,462	54	173	608	1,941	3,512

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	Value	
	1963	1964
	\$'000	
1. Products:		
Statuary and art Goods:		
Statues and statuettes	515	312
Religious articles (rosaries, medals, etc.)	223	1
Ornaments, all kinds (except cake)	394	258
Art goods, other	79	464
Novelties:		
Leather	2	2
Metal	2	-
Paper	2	2
Plaster	159	261
Plastic	1,069	1,107
Wooden	90	145
Other	477 ^r	846
Buttons, identification, advertising, etc.	2	251
Cake ornaments and decorations	125	2
Christmas decorations	572	534
Christmas trees, artificial	2	2
Crests, emblems, badges, regalia, all kinds	339	558
Display forms (mannequins etc.)	352	3
Gold and silver stamping	107	135
All other products	882	885
2. Amount received in payment for work done on materials and products owned by other	47	46
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(12)	(4)
Total adjusted value of shipments and work done	5,417	5,798

¹ Included in "Art goods, other".

² Included in "Novelties, other".

³ Included in "All other products".

TABLE 3. Shipments of Selected Goods of Own Manufacture - All Industries, 1963 and 1964

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

Description	Value	
	1963	1964
	\$'000	
Artificial Christmas trees	532	701

UMBRELLA MANUFACTURERS, 1964

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".

Although there was a decrease of one in the number of establishments in this industry from 1963 to

1964, the level of activity was somewhat higher as shown in Table 1. The 1964 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 1964 survey will be found at the end of this report.

TABLE 1. Principal Statistics, 1961 - 64

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		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	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													
Totals	8	98	211	232	11	683	1,351	720	x	x	140	430	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
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	4	55	105	129	3	512	913	383	x	x	83	277	374
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	95	192	227	6	833	1,639	784	x	x	132	487	774

TABLE 2. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value	Quantity	Value
	doz.	\$'000	doz.	\$'000
1. Products:				
Umbrellas	42,531	1,419	51,405	1,634
All other products .....	...	112	...	-
2. Amount received in payment for work done on materials and products owned by others .....	...	9	...	12
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(3)	...	(7)
Total adjusted value of shipments and work done .....	...	1,537	...	1,639

OTHER MISCELLANEOUS INDUSTRIES, 1964

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.

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 1963 and 1964 shipments by all industries of the two commodities, mentioned in the first paragraph of this preface, have been shown in Table 2.

TABLE 1. Principal Statistics, 1961 - 64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
1961	No.		\$'000			\$'000				\$'000		\$'000	
Totals	48 ^r	1,565 ^r	3,306 ^r	4,508 ^r	210 ^r	8,543 ^r	22,079 ^r	13,577 ^r	11	46	2,134 ^r	7,699 ^r	14,390 ^r
1962													
Totals	51 ^r	1,734 ^r	3,776 ^r	5,152 ^r	223 ^r	9,958 ^r	25,176 ^r	15,271 ^r	18	54	2,401 ^r	8,617 ^r	16,610 ^r
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
1964													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	1	x	x	x	x	x	x	x	—	—	x	x	x
Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	—	—
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	18	1,135	2,545	3,633	143	5,004	14,871	10,159	x	x	1,428	5,515	10,974
Ontario	32	1,037	2,216	3,351	157	8,050	16,978	8,861	9	34	1,456	5,916	10,810
Manitoba	—	—	—	—	—	—	—	—	—	—	—	—	—
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	1	x	x	x	x	x	x	x	—	—	x	x	x
British Columbia	2	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	54	2,184	4,783	7,009	301	13,092	31,952	19,087	12	43	2,901	11,476	21,851

TABLE 2. Shipments of Selected Goods of Own Manufacture - All Industries, 1963 and 1964
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	1963		1964	
	Quantity	Value	Quantity	Value
	No.	\$'000	No.	\$'000
Washers and gaskets, all kinds (excluding metal)	...	8,319	...	7,047
Folding doors, all types	—	x	—	x

List of Establishments classified to This Industry, 1964

(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	
Quebec:	
Black, G.G. & Co. Ltd.	4900 Louls Veillot St., Montreal
Bernard-Perras Ltd.	99 Chabanel St. W., 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.	1800 Parthenais St., Montreal
Excel Feather Dyers	9774-57th Ave., Montreal
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 St., Montreal
Parisian Artificial Flowers Co.	2625 Albert St., Montreal
St. Michel Novelties Inc.	9870, Parc Georges, 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 Foliage Co. Ltd.	18th St. & 3rd Ave. E., Owen Sound
Clark, George Feather Co.	54 Westbrook Ave., Toronto
Continental Art Flower Co.	28 Duke St., Toronto
Creative Floral Krafts Ltd.	241 Dovercourt Rd., Toronto
Decorative Flower Co.	505 Eastern Ave., Toronto
European Artificial Flower Co.	506 Adelaide St. W., Toronto
National Floral Mfg. Co.	Waterford
Naylor, David Associates Ltd.	252 King St. E., Toronto
Nicol, Wallace Displays Ltd.	55 Victoria Ave., Galt
Regal Artflowers	3426 Bathurst St., Toronto 15
Shurbloom Bulb Co. of Canada	49 Beral Rd.,
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., 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 Enr.	4236 rue Notre-Dame, Trois-Rivières
Glace Frontenac Ltée	45 Renaud Ave., Quebec
Thibault, J.A. Ltée	2760 Reading St., Montreal
Ontario:	
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.
Gordon's Ice Mfg.	8 Augustus St., Cornwall
K.D.S. Commercial Enterprises	15 Bristol St., Hamilton
Lake Simcoe Ice & Enterprises Ltd.	10 Shorncliffe Rd., Islington
Ottawa Ice Co. Ltd., The	387 Nicholas St., Ottawa
Ottawa Valley Ice & Gritzman Furs	381 James St., Pembroke
Purity Ice Co.	28 Markham St., Toronto 3
Sarnia Ice Co. Ltd.	350 N. Front St., Sarnia
Standard Ice & Fuel Co.	41 Ravine Rd., St. Catharines
Teal Bros.	10 Cambridge Rd., Crystal Beach
Saskatchewan:	
Crystal Distributors Ltd.	1404-10th Ave., Regina
Alberta:	
Alberta Ice Co. Ltd., The	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
Royal Ice & Cold Storage Ltd.	1251 Charles St., Vancouver
Southern Ice Ltd.	Indian Reserve, Penticton

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Candle Manufacturers	
Quebec:	
Baillargeon, Éloi Ltée	4524 Iberville St., Montréal
Baillargeon, F. Ltée	Rue Principale, St-Constant
Chandellerie Marie Inc.	Notre-Dame-des-Laurentides
Chandellerie Rimouski Enr., La	107 rue Tessier, Rimouski
Cire Saguenay Enr.	263 Lafontaine Ave., Chicoutimi
Dupuis, Gaétan	469, rue Loranger, St-Jérôme
Lasnier, J.L. Enr.	2, rue St-Antoine, Longueuil
Lasnier, J.B. (Père) Enr.	50, rue St-Georges, Lévis
Mailloux, J.E. Ltée	St-Luc
Rivest, S. Enr.	6369 Beaulieu St., Montréal
Sunshine Candle	366 Laurier Ave. E., Montréal
Will and Boumer Candle Co. Ltd.	34 Montée Du Moulin, Laval-des-Rapides
Ontario:	
Candella Company	401 Adelaide St. E., Toronto
Fern Brand Waxes Ltd.	176 Toryork Rd., Weston
Manitoba:	
Eternalite Candle Co.	Highway 4, Middlechurch
Saskatchewan:	
St. Mark Shop, The	Lumsden
British Columbia:	
Western Beeswax Candle Co. Ltd.	Erickson
Fur Dressing and Dyeing Industry	
Quebec:	
Champion Fur Dressing & Dyeing Reg'd.	1015 William St., Montréal
Feather Blending Co. (Canada) Ltd.	4821 Rouen Ave., Montréal
Globe Fur Blending Co. Ltd.	3770 Henri-Julien St., Montréal 18
Goodman and George (Canada) Ltd.	856 St-Remi St., Montréal
Hollander, A. & Son Ltd.	995 Wellington St., Montréal
Haranda & Labreque Ltée	180, Avenue Renaud, Québec
Henry Fur Dresser and Dyer Inc.	8540 - 9th Ave., Ville St-Michel
S.K. Fur Dressing & Dyeing Ltd.	2115 St. Lawrence Blvd., Montréal 18
Ontario:	
Atlas Fur Tanning & Dyeing Ltd.	Cookstown
Garma Tanning Ltd.	104 Water St. N., Galt
Reliable Fur Dressers and Dyers (1960) Ltd.	400 Richmond 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
Hair Goods Manufacturers	
Quebec:	
Eisenberg, B. Inc.	4361 St-Dominique, St., Montréal
Herlich, S. Co.	4065 St-Dominique, Montréal
Wagner Bros.	4241 Frontenac St., Montréal
Ontario:	
Artistic Hair Creations	176 Davenport Rd., Toronto
Harpley, D.M.	27 Sammon Ave., Toronto
Imperial Wigs	154 Nelson St., Kingston
Jan Wig Studio	327 Bloor St. E., Toronto
White's Hair Goods	10 Terauly St., Toronto
British Columbia:	
Continental Hairgoods Ltd.	1131 Richard St., Vancouver
Hanson Hair Goods	825 Granville St., Vancouver
Mitchell Hairgoods	712 Robson St., Vancouver

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Model and Pattern Manufacturers	
Quebec:	
Allied Marker (Canada) Ltd.	5550 Fullum 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.	2491 Demontigny St. E., Montreal
Chapdelaine, Phil, Enr.	1435, rue St-Alexandre, Montréal
Châteauguay Pattern & Foundry Co. Ltd.	Ste-Philomène
Crepin Shoe Patterns	279, rue de l'Etoile, Laval-des-Rapides
Eastern Pattern & Model Makers Reg'd.	2385 Jeanne D'Arc St., Montreal
Electromould Engineering Reg'd.	540 Beaudry St., Montreal
Fidelity Models	4265 St. Catherine St. W., Montreal
Home Plastics Inc.	2955, rue Cartier, St-Hyacinthe
General Pattern & Woodworking Co. Ltd.	5701 Côte St-Paul Rd., Montreal
International Pattern Works	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., Ville St. Michel
M.G. Pattern Works Co. Inc.	4585 de Laroche St., Montreal
MacShrier Reg'd.	1449 St. Alexander St., Montreal
Marcel Pattern Shop Inc.	10223, boul St-Laurent, Montréal
Modern Woodcraft	516 - 1st Ave., Rawdon
Moules & Matrices de Précision Inc.	2060, rue Lavoisier, Ste-Foy
National Shoe Patterns Ltd.	4201, rue Ontario-est, Montreal
Plastic Services & Dies Inc.	2200 St. James St. W., Montreal
Sabourin, Camille	3555 boul. Métropolitain, ville St-Michel
Standard Pattern Works Reg'd.	267 Bérard St., Montreal
Thibault, Irène	St-Damien
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.	Gambridge St., Goderich
Anderson, A.G. Ltd.	3040 Osler St., London
Argus Mould & Tool Co. Ltd.	1 A Thora Ave., Scarborough
Atlas Pattern Works Ltd.	2714 Meighen 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
Center Tool & Mold Co. Ltd.	2466 Central Ave., Windsor
Composite Form	108 Wellington St. W., Toronto
Crossley Patterns Ltd.	50 James St., Orillia
Custom Pattern Works	16 Elrose Ave., Weston
Davan Scale Models	39 McMurich St., Toronto
Dominion Pattern Works	176 Princess St., Hamilton
Dominion Simplicity Patterns Ltd.	120 Mack Ave., Scarborough
Dot Pattern & Model Works Ltd., The	67 Lloyd St., Hamilton
Double M. Die Company	145 Columbia St. W., Waterloo
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.	1 Niagara St., Toronto 2B
Hego Mould Co.	104 Kenhar Dr., Weston
Hy-Du-Plast Tool & Pattern Co. Ltd.	100 Crockford Blvd., Scarborough
Industrial Matchplate Co.	450 Cumberland Ave., Hamilton
Industrial Model Ltd.	4074 Industrial Drive, Windsor
Industrial Pattern & Model Co.	450 Cumberland Ave., Hamilton
Industrial Prototypes	18 Six Point Rd., Toronto
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 Pattern Ltd.	1196 Westcott Rd., Windsor
Modern Pattern Works Ltd.	25 Civic Rd., Scarborough
Morris Patterns Ltd.	42 Alice St., Brantford
New Standard Pattern Works	56 Esplanade St. E., Toronto 1
Oshawa Pattern & Model Ltd.	Whitby
Parkway Mfg. Ltd.	241 Ottawa St. S., Kitchener
Pattern Engineering Co.	1646-8 Keele St., Toronto 15
Pattern Matchplate Co. Ltd.	31 Millford Ave., Toronto
Peel Tools & Moulds Ltd.	129 Falcon St., London
Potts Pattern Works Ltd.	145 Oakdale Rd., Downsview
Precision Pattern Works Ltd.	486 Grays Rd., Hamilton
Price, John Pattern Maker	Ingersoll
Quality Patterns	9 Woodycrest Dr., Guelph
Quality Pattern Works	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
St. Denis, E.R. & Sons Ltd.	3900 Walker Rd., Windsor
Steel Dies & Moulds Ltd.	43 Raleigh Ave., Scarborough

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Model and Pattern Manufacturers - Concluded	
Ontario - Concluded:	
Stellar Pattern & Machine Works	167 Simcoe St., E., Hamilton
Stephens Pattern Works Ltd.	7 Colborne St., Galt
Toronto Pattern Works Ltd.	4 Gilead Place, Toronto
Tri-Craft Engravers	151 Lucan St., Waterloo
Tycos Tool & Die Co. Ltd.	115 Tycos Dr., Toronto 19
Wilcox Pattern Works	88 Lynvalley Cres., Scarborough
Wills, J.A. Pattern Work	411 Niagara St., St. Catharines
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
Industrial Pattern Works	1099 West 6th Ave., Vancouver
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.	916, rue Dosquet, Ste-Foy
Sunday Coh Pipe of Canada	22 Lake St., Huntington
Superior Production	92, rue St-Louis, Terrebonne
Ontario:	
Brigham Pipes Ltd.	121 King St. W., Toronto
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 Briar Pipes Ltd.	10435 King Geo. Highway, Whalley
Stamp and Stencil (Rubber and Metal) Manufacturers	
Nova Scotia:	
Island Marking Systems	Esplanade St., Sydney
London Rubber Stamp Co. Ltd.	38 Argyle St., Halifax
Quebec:	
A. Accelerate Engraver	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
Hayes Stamp & Stencil Reg'd.	8815 Lajeunesse St., Montreal
Larin Engraving Ltd.	7015, rue Drolet, Montreal
Le Graveur Roger	906, rue Demontigny-est, Montréal
London Stamp & Stencil Co. Ltd.	4375 Iberville St., Montreal 34
Markrite of Canada Inc.	7385 Harley Ave., Montreal
Montreal Marking Devices Ltd.	644 Lagauchetière St. W., Montreal
Montreal Rubber Stamps Reg'd.	3555, boul. Métropolitain-est, Montreal
Montreal Stencil Works Ltd.	687 St. Paul St. W., 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 St. E., Toronto 2
Cornet Engraving Co.	377 Brant St., Burlington
Delta Engravers Ltd.	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 Perry St., Windsor
Riched Metal Plate Ltd.	2206 Gerard St. E., Toronto

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Stamp and Stencil (Rubber and Metal) Manufacturers - Concluded	
Ontario - Concluded:	
Hamilton Match Plate Co.	265 Lottridge St., Hamilton
Hrab, John Mfg. Ltd.	14 Jeavons Ave., Scarborough
London Stamp & Stencil (Ontario) Ltd.	496 Gilbert Ave., Toronto
Mack, C.W. Co. Ltd.	86 Richmond St. E., Toronto
Mack, P.R. & Son Ltd.	21 Adelaide St. W., Toronto
Metro Rubber Stamp Mfg.	600 Bay St., Toronto
Ontario Stamp & Printing Co.	362 Bathurst St., Toronto
Ottawa Rubber Stamp & Engraving Ltd.	44 Byward Market Sq., Ottawa
Patterson & Heward	319 King St. W., Toronto
Pritchard Andrews Co. Ltd., The	264 Sparks St., Ottawa
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.	1452 Bloor St. W., Toronto
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
Trans Canada Stamp & Marking Devices Ltd.	1034 Pape Ave., Toronto
Warwick Marking Products Ltd.	482 Belmont Ave. W., Kitchener
Wright Rubber Stamp Co.	130 Pearl St., Toronto 4
Manitoba:	
Bromilow, George & Son	322 Donald 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.	Hamilton St., Regina
Rose Marking Devices Ltd.	172-1st Ave. N., Saskatoon
Alberta:	
Acme Stamp & Dist. Ltd.	139A - 16th Ave. N.E., Calgary
Alberta Stamp & Marking Co.	10466 - 82nd Ave., Edmonton
Calgary Stamp & Stencil (1963) Ltd.	522 - 6th Ave. S.W., Calgary
Edmonton Rubber Stamp Co. Ltd., The	10127 - 102nd St. S., Edmonton
Joel's Rubber Stamp Co. - Div. of Joel's Locksmith Ltd.	9658B Jasper Ave., Edmonton
British Columbia:	
British Columbia Stamp Works Ltd.	581 Richards St., Vancouver
Craftsman Stamp Works	9047 Hudson St., Vancouver
Hewith, George H. Co. Ltd., The	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 - 8ème ave., Ville St-Michel
Badge & Specialty Co. Ltd.	389 St. Paul St. W., Montreal 1
Bargone, Richie Jr.	642, rue St-Joseph, Lauzon
Barsetti, A & Manucci Inc.	381 - 2ème rue, Québec
Basilières, Gérard Inc.	305 ouest, rue Port-Royal, Montreal
Berard Decor	1860 Plessis St., Montreal
Canadian Handicraft & Fur Mfg. Ltd.	175 Windsor St., Montréal
Cathedral Studio Ltd.	5733 Monk Blvd., Montreal
Cheron, Raymond	2260, boul. Perrot, Isle Perrot-Sud
Chez Théodore Enr.	574, rue Père Grenier, Québec
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	10145 London St., Montreal N.
For-Ever Industries Ltd.	10105 St-Vital, Montreal N.
Gagnon, Jos. & Fils Inc.	St-Jean-Port-Joli
Guardo, J. Statuary Reg'd.	963 Rachel St. E., Montreal
Hungarian Art Studio	1071 St. Lawrence Blvd., Montreal
Industries Seminario Industries Reg'd.	329 Assomption St., Sherbrooke
Kerner, D.M.	2015 Mountain St., Montreal
Labranche, Adrien	336, Du-Pont St., Québec
Luxor Novelty Co.	83 Rachel St., Montreal
Moncel, J.P.	37 Notre Dame St. W., Montreal
Perrier, Louis	41, rue Charlevoix, St-Hilaire
Petrucel, Paul Enr.	5972 - 2ème Ave. Rosemont, Montreal
Petrucel & Carli	1180, rue Wolfe, Montreal
Prévost, Adélar Inc.	165 - 8ème Ave., Québec
Unique Art Inc.	St-Martin
Vacl, F.M. Mfg. Co. Ltd.	2125 de La Salle St., Montreal
Willco Industries Ltd.	690 Notre Dame St. W., Montreal

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Statuary, Art Goods, Regalia and Novelty Manufacturers - Concluded	
Ontario:	
Amada Productions	609 King St. W., Toronto
Ambrose Kent & Sons Ltd.	410 Oakwood Ave., Toronto 10
Allied Roll Leaf Markers Ltd.	5734 Yonge St., Willowdale
Astralite Limited	37 Front St. E., Toronto
Baker, C.F. & Son Ltd.	474 Bathurst St., Toronto
Balmer, Chas. F. & Co. Ltd.	69 Pape Ave., Toronto Pickering
Beaver Dek Supplies	R.R. No. 2, (Scarborough-Pickering Town Line)
Bellastra Products Ltd.	115 Scarsdale Rd., Don Mills
Canadian Art Statuary	1455 Dundas St. W., Toronto
Clerica Industries	260, boul. St-Joseph, Orléans
Coronet Party Favour Co.	21 Apex Rd., Toronto
Croft, Fern	Orillia
Danesi Art Co.	12 Ossington Ave., Toronto 3
Dominion Regalia Ltd.	84 Elm St., Toronto 2
Fantasy Copperware of Canada Ltd.	1315 Queen St. E., Toronto
Home Leather Kraft Co. Ltd.	180 Pearl St., Toronto
Howard Bros. Co. Ltd.	355 King St. W., Toronto 2B
Illingworth Art Creations	461 Dundas St. N., Oakville
Kenmore Snow Products Ltd.	112 Duke St. Toronto
Kook, J. Mfg. Co.	18 Lennox St., Toronto
Lima Novelties	50 Lombard St., Toronto
Manicraft Displays Ltd.	431 Dundas St. E., Toronto 2
Marblelike Products Ltd.	196 Arthur St. N., Guelph
Modern Statuary & Novelty Co.	58 Stewart St., Toronto
Morgese, Soriano Co., Ltd.	495 King St. W., Toronto 2B
Nakamura, Geo. H. and Clearmount	1 Crystal Arts sq., Toronto
Plitz, G. Co. Ltd.	995 Sandy Beach Rd., Pickering
P.M. Display Forms	666 King St. W., Toronto
Ribbon Craft	23 Scott St., Toronto 1
Shear Display & Design Ltd.	250 Acton Ave., Downsview
Sinclair Bros.	Louisa St., Tweed
Steingard Picture Co.	7 Florence St., Barrie
Stewart Novelty Co.	21 Emery St. W., London
Toronto Gold & Silver Stamping Co.	41 Victoria St. Lane, Toronto
Trevelyan Mfg. Co.	282 Davenport Rd., Toronto 5
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 Ltd.	595 Jackson Ave., Winnipeg
Alberta:	
Dolphin Mfg. Co.	20 Muir Dr., St. Albert
British Columbia:	
Burrows Displays	3438 Commercial Dr., Vancouver 12
David Stuart Co.	29791 Silverdale Rd., Mission City
Rogers, F.E.	R.R. #3, Ladner
Western Ornaments	4835 College Highroad, Vancouver 8
Witco Products Ltd.	45790 Ford St., Sardis
Umbrella Manufacturers	
Quebec:	
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 Mfg. Co. Ltd.	259 E. Cordova St., Vancouver
Vancouver Umbrella Ltd.	812 West Pender St., Vancouver
Other Miscellaneous Industries	
Prince Edward Island:	
Hickey & Nicholson Tobacco Co. Ltd.	118 Prince St., Charlottetown
Quebec:	
Atlantis Aquarium & Engineering Supply	1596, rue St-Hubert, Montréal
Canadian Precision Stampings Ltd.	450 Port Royal W., Montreal
Gaylord Products of Canada Ltd.	2035 rue Ste-Anne, St-Hyacinthe
Impenco Ltd.	77 Vitre St. W. Montreal
Kay-Cee Products Ltd.	433 St-Martin St., Montreal
Lash, E. Co.	9500 St. Lawrence Blvd., Montreal
Produits Yamaska Inc.	St-Ours
Mevco Products Co.	740 St-Maurice St., Montreal 3
Milloy, M. & Sons Ltd.	5578 Hadley St., Montreal 20

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
Other Miscellaneous Industries - Concluded	
Quebec - Concluded:	
Neptune Machine Shop	7519A Boyer St., Montreal
New Castle Products (Canada) Ltd.	199 Upper Edison Ave., St. Lambert
Pick, Fred L.	50 Rolland Ave., Ville St-Pierre
Ribbon Fabrics Inc.	7901 Henri Bourassa Blvd. E., Montreal
Robb, Jos. & Co. Ltd.	5575 Côte St.-Paul Rd., Montreal
Solo Products Limited	1820 Gilford St., Montreal
Torrington Co. Ltd., The	110 River St., Bedford
Tye-Sil Corp. Ltd.	7389-17th Ave., Ville St-Michel
Variety Findings (Universal Associates Ltd.)	8750-8th Ave., Ville St-Michel
Ontario:	
Acro Gasket Industries Ltd.	19 Shaft Rd., Rexdale
Anderson Smith, J. Co. Ltd.	King & Beaver Sts., Newcastle
Andrew Wilson Displays	4 Clinton Place, Toronto
Arrow Case Mfg. Co. Ltd.	11 Dublin St., Toronto 4
Canadian Gasket Co. Ltd.	505 Central Ave., Port Erie
Chicago Rawhide Products Canada Ltd.	Park Rd. & Henry St., Brantford
Crane Packing Co. Ltd.	617 Parkdale Ave., N., Hamilton
Delong Scovill Ltd.	Wellington St. N., St., Marys
Del Products	8 Church St., Huntsville
Detroit Gasket & Mfg. (Canada) Ltd.	366 Centre St., Petrolia
Dominion Gasket & Mfg. Co. Ltd.	2 Scarlett Rd., Toronto 9
Garfinkel, Louis & Co. Ltd.	298 Murray St., Brantford
Garlock of Canada Ltd.	105 Tycos Drive, Toronto
Gunther, E & A Co. Ltd.	66 Jutland Rd., Etobicoke
Humane Pest-Aids	257 Broadview Ave., Toronto 8
JB & D Co. Ltd.	* 7 Highway, Unionville
Lynn Sales Co.	253 Merton St., Toronto
Martin Electric Ltd.	Progress Ave., Scarborough
Nelson Industries	85 Nantucket Blvd., Scarborough
Ontario Fireplace Co.	12 Lepage Court, Downsview
Onyx & Marble Ltd.	319 Howland Ave., Toronto
Paramount Gasket Co. Ltd.	137 Wendell Ave., Weston
Rand Specialties	Richmond Hill
Roby Industries of Canada Ltd.	31 Jutland Rd., Toronto 18
Signriter Co.	117½ Harthly St., Brockville
Small Fibre Stamping Ltd.	31 Upton Rd., Scarborough
Spendid Novelty Co. Ltd.	915 Dupont St., Toronto
Stagecraft Ltd.	10 Austln 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.	7915-104th St., Edmonton
British Columbia:	
Black Tusk Tobacco Co. Ltd.	171 W. 1st St., North Vancouver
Parry Dial & Nameplate	6562 Doman St., Vancouver 16

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 56 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

The results of the Census are presented in some 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 activities

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. For those establishments reporting on the "long" form, production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. In the case of those establishments reporting on the "short" form, respondents are requested to report average annual figures. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). Data on man-hours are not collected from establishments reporting on the short form. Man-hours for these establishments are estimated on the basis of ratios derived from the 1958 census. During this census all establishments reported on the long form. In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

(b) Production and related workers — Non-manufacturing activities

Such employees include those on manufacturing establishments' payrolls engaged in activities such as construction undertaken for the use of these establishments, some outside piece-workers employed in certain industries, logging employees who are reported as part of a sawmilling establishment and any other production workers who are not engaged in manufacturing-type operations.

(c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers, etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the line supervisor or working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical, etc. It should be noted that prior to 1961 this category also included working owners and partners. Also included in this category are employees located at head offices or auxiliary units separately located from the establishment; these are generally included in the figures for the province in which they are located according to the rules outlined under "Head offices and auxiliary units" above.

(d) Sales and distribution workers

This category includes office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truckdrivers and their helpers, etc. It may also include some sales employees who are reported as part of a manufacturing establishment but are not working at the establishment's location. These are generally broken down by province in cases where more than 15 employees are involved in any one province. The figures exclude persons working on a commission basis who are not considered regular employees of the establishment.

(e) Total Employees

This total comprises the foregoing categories including employees located at separately located head offices and auxiliary units. The numbers of employees included under categories (b), (c) and (d) are reported in the form of annual averages and represent as closely as possible full time employment; adjustments are made when reported figures indicate the existence of part time or seasonal employment. In all the above categories, figures on employment refer to the calendar year whether or not other establishment statistics can only be reported on a fiscal year other than the calendar year.

Working Owners or Partners

These are not now included in the statistics of employees and salaries and wages. There is some duplication in numbers when a person owns more than one establishment and is reported as a working owner on each Census return. Withdrawals of working owners are defined as amounts withdrawn by owners or partners for normal living expenses excluding withdrawals for payment of income tax.

Salaries and Wages

Salaries and wages refer to gross earnings of employees before deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages,

bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

Figures for fuel refer to amounts actually used (including fuel used in cars, trucks, locomotives, etc.), not to purchases unless the quantities are substantially the same. **Any fuel and electricity produced by establishments for internal consumption are not included in the total cost.** Values represent laid down cost at the establishment including freight, duty, etc. Although fuel and electricity used is considered part of manufacturing activity it should be noted that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

Materials and Supplies

(a) Manufacturing activities

Figures represent quantities and laid down cost values, at the establishment, of materials, supplies and purchased components owned and used during the year in manufacturing activities and related processes. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts charged by other establishments for work done on materials owned by the reporting establishment. Cost of repairs or maintenance done by outside contractors and cost of returnable containers are not included.

(b) Non-manufacturing activities

1. Purchases for re-sale as such

Figures represent cost of materials or products purchased from others by the reporting establishment (or received as transfers from other establishments of the reporting company) for re-sale as such in the same condition as purchased. Included are any finished products received on consignment from other countries.

2. Other materials and supplies used

Figures represent the cost of materials and supplies, if any, used in new construction and in the production of machinery and equipment (for the use of the reporting establishment) by the establishment's own employees. Included are materials used for any capital repairs and alterations carried out by the establishment's employees. Amounts paid to outside contractors for construction and repair work are not included nor is the cost of

purchased machinery and equipment. Also included is the cost of office supplies not chargeable to fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

The figures represent revenue from all production, sales, services and related activities of reporting establishments with shipments valued in Canadian dollars at the point at which the establishment relinquishes control. The unsold portion at year end of consignment shipments in Canada is treated as inventory and not as shipments but all shipments to foreign countries for which the form B13 "Customs Canada Export Entry" has been completed, are treated as shipments.

In those industries where work on principal products extends over a relatively long period, (Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair Industry) the value of production rather than the value of shipments is recorded. There are certain establishments in other industries which also operate on a basis of progress payments. For these establishments, shipments are also adjusted to work put in place on the basis of the net change in progress payments over the year.

(b) Shipments of goods of own manufacture

These figures represent shipments of goods made from own materials either in the reporting establishments or by other manufacturers on the basis of a charge to the reporting establishments for work done. Included are revenue from repair and custom work, amounts received in payment for work done on materials owned by other establishments and the cost (book value) of any goods shipped on a rental basis.

All products and by-products of own manufacture shipped from the establishment are covered, including transfer shipments to sales outlets, distributing warehouses or to other manufacturing plants of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of returned goods, discounts, returns, allowances, sales tax and excise taxes and duties, returnable containers and charges for outward transportation by common or contract carriers. Transportation or delivery expense incurred by the reporting establishment's own carriers are included.

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity

are collected by means of the Commodity questionnaire referred to earlier. Such shipments together with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

These figures represent the net selling value at establishment (net of discounts, returns, allowances, sales taxes and excise duties and taxes and transportation charges by common or contract carriers) of all products or materials (including products transferred from other establishments of the reporting firm) sold as such in the same condition as purchased or received as transfers. For those industries which ship such goods on a rental basis, the value of shipments represents the book value of these goods. All sales of consignment goods from other countries are included.

(d) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs, alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishment's own employees and for which depreciation accounts are maintained. Included also are any revenues from the sale of electricity and from any operations performed by the establishment's own employees, such as revenue from goods produced or purchased for rental (the book value of such goods are included as part of shipments of goods of own manufacture or shipments of goods not of own manufacture), servicing revenues, commissions on sales (when not included in value of sales), revenue for company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishment's own products, sale of used materials (excluding sale of used fixed assets) research and development work, etc. As mentioned previously the figures do not include non-operating revenue such as rent, dividends, interest, etc.

Inventories

(a) Manufacturing activities

Values represent the book values of manufacturing inventory owned in Canada. Inventories held for which progress payments have been received are not included. Where progress payment accounts are maintained, the change in these accounts is treated as a net adjustment to shipments. Figures consist of inventory owned at the plant and at warehouses or selling outlets which are treated as extensions of establishments for the purpose of reporting shipments. Inventory owned in transit in Canada or on consignment in Canada is included. Goods shipped abroad and held in inventory are included in shipments. Opening inventories may differ from the closing inventories of the previous year because of changes in classification, the

receipt of revised data, the inclusion of new establishments and the removal of establishments which did not operate during the survey year.

(b) Non-manufacturing activities

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by the reporting establishments and held at plants and at any warehouses or selling outlets which are treated as extensions of establishments. Other characteristics are the same as in (a) above.

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of manufacturing materials, supplies, etc. and fuel and electricity consumed from the (value of shipments of goods of own manufacture adjusted for changes in the value of inventories of finished goods and goods in process).

(b) By non-manufacturing activities

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

chased for re-sale) and the cost of non-manufacturing materials and supplies used from the value of shipments of goods not of own manufacture, plus other revenue.

(c) By Total activities

The figures consist of value added by manufacturing activities plus value added by non-manufacturing activities. This total value added figure may, in some cases, be less than value added by manufacturing activities as a result of expenditures associated with non-manufacturing exceeding revenues from such activities or because of a decrease in inventory of goods not of own manufacture exceeding the mark-up on the sale of such goods. "Value added" is sometimes referred to as net output or net production. However, to arrive at the National Accounts concept of net production, or Gross Domestic Product at "Factor cost" it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected as part of the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, "Survey of Production".

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