

1963

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**BUTTON, BUCKLE AND FASTENER INDUSTRY  
1963**

**ANNUAL CENSUS  
OF MANUFACTURES**

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## BUTTON, BUCKLE AND FASTENER INDUSTRY

1963

In terms of the revised Standard Industrial Classification and the New Establishment Concept, this industry is defined as comprising those "Establishments primarily engaged in manufacturing buttons, buckles and fasteners".

Despite no increase in the number of establishments, the activity within this industry in 1963 was greater than in 1962 and this is reflected in most of the tables herein.

No detailed information is collected on manufacturing materials and supplies used by this industry so that Table 6 presents these data with a minimum of breakdown. The shipments by the industry proper of goods of own manufacture are shown in Table 6 wherein the detail has been somewhat abridged in order that the more important shipments of the main products of this industry by all industries may be presented in Table 8.

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

1983

### SYMBOLS

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

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

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

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000			\$'000	
<b>1961</b>													
<b>Totals</b> .....	<b>40</b>	<b>1,257</b>	<b>2,660</b>	<b>3,372</b>	<b>139</b>	<b>5,985</b>	<b>14,158</b>	<b>8,089</b>	<b>15</b>	<b>60</b>	<b>1,675</b>	<b>5,255</b>	<b>8,488</b>
<b>1962</b>													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec .....	25	738	1,667	1,829	75	3,668	8,429	4,830	x	x	929	2,736	4,936
Ontario .....	8	444	880	1,681	72	2,132	6,423	4,198	x	x	628	2,584	4,253
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b> .....	<b>33</b>	<b>1,182</b>	<b>2,547</b>	<b>3,511</b>	<b>146</b>	<b>5,800</b>	<b>14,852</b>	<b>9,028</b>	<b>12</b>	<b>51</b>	<b>1,557</b>	<b>5,319</b>	<b>9,188</b>
<b>1963</b>													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec .....	26	744	1,635	1,888	77	4,290	9,362	5,120	x	x	924	2,921	5,292
Ontario .....	7	468	968	1,829	75	2,368	7,096	4,663	x	x	657	2,786	4,718
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b> .....	<b>33</b>	<b>1,212</b>	<b>2,603</b>	<b>3,718</b>	<b>152</b>	<b>6,659</b>	<b>16,458</b>	<b>9,783</b>	<b>10</b>	<b>52</b>	<b>1,581</b>	<b>5,707</b>	<b>10,010</b>

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

Size group	Estab-lish-ments	Manufacturing activity						Total activity							
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages			
No.		'000			\$'000			\$'000		\$'000					
<b>1962</b>															
Under \$10,000	}														
\$ 10,000 to \$ 24,999		8	30	63	60	2	83	252	168	9	25	33	68	174	
25,000 " 49,999		}	8	52	110	122	8	284	698	407	3	26	65	164	417
50,000 " 99,999			11	326	681	751	40	1,876	4,020	2,147	-	-	424	1,170	2,216
100,000 " 199,999	3		131	276	389	18	764	1,840	1,054	-	-	170	565	1,095	
200,000 " 499,999	}	3	643	1,417	2,189	78	2,793	8,041	5,253	-	-	865	3,351	5,286	
500,000 " 999,999		-	-	-	-	-	-	-	-	-	-	-	-	-	
1,000,000 " 4,999,999		-	-	-	-	-	-	-	-	-	-	-	-	-	
5,000,000 and over															
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Totals</b>	<b>33</b>	<b>1,182</b>	<b>2,547</b>	<b>3,511</b>	<b>146</b>	<b>5,800</b>	<b>14,852</b>	<b>9,028</b>	<b>12</b>	<b>51</b>	<b>1,557</b>	<b>5,319</b>	<b>9,188</b>		
<b>1963</b>															
Under \$10,000	}														
\$ 10,000 to \$ 24,999		7	27	59	60	2	100	240	136	7	27	28	64	136	
25,000 " 49,999		}	6	33	68	89	8	194	430	230	1	8	42	129	234
50,000 " 99,999			4	36	67	72	1	286	526	256	2	18	42	105	313
100,000 " 199,999	8		274	624	725	36	1,257	3,105	1,868	-	-	340	1,100	1,922	
200,000 " 499,999	}	5	168	368	485	19	1,590	3,017	1,503	-	-	225	749	1,542	
500,000 " 999,999		3	674	1,416	2,286	86	3,233	9,140	5,790	-	-	904	3,559	5,862	
1,000,000 " 4,999,999		-	-	-	-	-	-	-	-	-	-	-	-	-	
5,000,000 and over															
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Totals</b>	<b>33</b>	<b>1,212</b>	<b>2,603</b>	<b>3,718</b>	<b>152</b>	<b>6,659</b>	<b>16,458</b>	<b>9,783</b>	<b>10</b>	<b>52</b>	<b>1,581</b>	<b>5,707</b>	<b>10,010</b>		

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

Size group	Estab-lish-ments	Manufacturing activity						Total activity							
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages			
No.		'000			\$'000			\$'000		\$'000					
<b>1962</b>															
Under \$10,000	}														
\$ 10,000 to \$ 24,999		4	7	14	14	1	27	78	50	5	7	8	16	50	
25,000 " 49,999		}	8	55	122	124	8	238	520	276	6	37	57	131	281
50,000 " 99,999			4	20	37	44	2	102	352	248	1	8	33	85	260
100,000 " 199,999	6		148	288	317	16	1,084	1,975	894	-	-	204	497	913	
200,000 " 499,999	}	8	309	668	824	42	1,555	3,885	2,307	-	-	390	1,239	2,398	
500,000 " 999,999		3	643	1,417	2,189	78	2,793	8,041	5,253	-	-	865	3,351	5,286	
1,000,000 " 4,999,999		-	-	-	-	-	-	-	-	-	-	-	-	-	
5,000,000 and over															
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Totals</b>	<b>33</b>	<b>1,182</b>	<b>2,547</b>	<b>3,511</b>	<b>146</b>	<b>5,800</b>	<b>14,852</b>	<b>9,028</b>	<b>12</b>	<b>51</b>	<b>1,557</b>	<b>5,319</b>	<b>9,188</b>		
<b>1963</b>															
Under \$10,000	}														
\$ 10,000 to \$ 24,999		7	24	49	49	2	145	276	125	6	23	27	59	125	
25,000 " 49,999		}	6	36	78	100	8	148	393	240	2	12	43	134	244
50,000 " 99,999			4	36	67	72	1	286	526	256	2	18	42	105	313
100,000 " 199,999	5		119	264	299	14	1,268	1,984	733	-	-	161	502	735	
200,000 " 499,999	}	7	280	638	788	40	1,368	3,444	2,062	-	-	348	1,175	2,154	
500,000 " 999,999		4	717	1,506	2,410	87	3,443	9,833	6,366	-	-	960	3,732	6,438	
1,000,000 " 4,999,999		-	-	-	-	-	-	-	-	-	-	-	-	-	
5,000,000 and over															
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Totals</b>	<b>33</b>	<b>1,212</b>	<b>2,603</b>	<b>3,718</b>	<b>152</b>	<b>6,659</b>	<b>16,458</b>	<b>9,783</b>	<b>10</b>	<b>52</b>	<b>1,581</b>	<b>5,707</b>	<b>10,010</b>		

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

Size group	Estab-lish-ments	Manufacturing activity							Total activity				Total value added
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.	'000								'000			'000	
<b>1962</b>													
Under \$10,000	4	7	14	14	1	27	78	50	5	7	8	16	50
\$ 10,000 to \$ 24,999	8	55	122	124	8	238	520	276	6	37	57	131	281
25,000 " 49,999	4	20	37	44	2	102	352	248	1	8	33	85	260
50,000 " 99,999	6	148	288	317	16	1,084	1,975	894	-	-	204	497	913
100,000 " 199,999	8	309	668	824	42	1,555	3,885	2,307	-	-	390	1,239	2,398
200,000 " 499,999	3	643	1,417	2,189	78	2,793	8,041	5,253	-	-	865	3,351	5,286
500,000 " 999,999	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 " 4,999,999	-	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals</b>	<b>33</b>	<b>1,182</b>	<b>2,547</b>	<b>3,511</b>	<b>146</b>	<b>5,800</b>	<b>14,852</b>	<b>9,028</b>	<b>12</b>	<b>51</b>	<b>1,557</b>	<b>5,319</b>	<b>9,188</b>
<b>1963</b>													
Under \$10,000	7	24	49	49	2	145	276	125	6	23	27	59	125
\$ 10,000 to \$ 24,999	6	36	78	100	8	148	393	240	2	12	43	134	244
25,000 " 49,999	3	17	33	34	-	195	364	175	2	18	20	51	192
50,000 " 99,999	5	113	246	283	13	968	1,566	619	-	-	141	430	656
100,000 " 199,999	8	305	690	842	42	1,760	4,025	2,256	-	-	390	1,301	2,355
200,000 " 499,999	4	717	1,506	2,410	87	3,443	9,833	6,366	-	-	960	3,732	6,438
500,000 " 999,999	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000,000 " 4,999,999	-	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals</b>	<b>33</b>	<b>1,212</b>	<b>2,603</b>	<b>3,718</b>	<b>152</b>	<b>6,659</b>	<b>16,458</b>	<b>9,783</b>	<b>10</b>	<b>52</b>	<b>1,581</b>	<b>5,707</b>	<b>10,010</b>

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

Size group	Estab-lish-ments	Manufacturing activity							Total activity				Total value added
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.	'000									'000			'000
<b>1962</b>													
Under 5 employed	4	4	9	8	-	65	154	88	4	4	4	8	100
5- 14 employed	12	78	165	173	10	301	796	486	8	47	94	224	491
15- 49	10	280	582	667	37	1,644	3,579	1,936	-	-	367	1,046	2,006
50- 99	4	177	374	474	21	996	2,282	1,265	-	-	227	690	1,305
100-199	3	643	1,417	2,189	78	2,793	8,041	5,253	-	-	865	3,351	5,286
200-499	-	-	-	-	-	-	-	-	-	-	-	-	-
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals</b>	<b>33</b>	<b>1,182</b>	<b>2,547</b>	<b>3,511</b>	<b>146</b>	<b>5,800</b>	<b>14,852</b>	<b>9,028</b>	<b>12</b>	<b>51</b>	<b>1,557</b>	<b>5,319</b>	<b>9,188</b>
<b>1963</b>													
Under 5 employed	4	5	12	13	-	73	175	97	3	9	6	16	113
5- 14 employed	12	72	148	171	10	415	859	445	7	43	84	228	448
15- 49	10	275	607	784	44	1,892	3,943	2,089	-	-	363	1,271	2,211
50- 99	4	186	420	465	11	1,046	2,341	1,363	-	-	224	632	1,376
100-199	-	-	-	-	-	-	-	-	-	-	-	-	-
200-499	3	674	1,416	2,286	86	3,233	9,140	5,790	-	-	904	3,559	5,862
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Totals</b>	<b>33</b>	<b>1,212</b>	<b>2,603</b>	<b>3,718</b>	<b>152</b>	<b>6,659</b>	<b>16,458</b>	<b>9,783</b>	<b>10</b>	<b>52</b>	<b>1,581</b>	<b>5,707</b>	<b>10,010</b>

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

Type of organization	Establishments	Manufacturing activity							Total activity					
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Total employees		Total value added	
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages		
No.		'000			\$'000				\$'000		\$'000			
<b>1962</b>														
Individual ownerships .....	}	10	51	105	108	3	221	521	298	12	51	53	113	296
Partnerships .....		23	1,131	2,442	3,403	143	5,579	14,331	8,730	...	...	1,504	5,206	8,893
Incorporated companies .....	-	-	-	-	-	-	-	-	...	...	-	-	-	
Cooperatives .....	...	...	...	...	...	...	...	...	...	...	...	...	...	
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Totals .....</b>	<b>33</b>	<b>1,182</b>	<b>2,547</b>	<b>3,511</b>	<b>146</b>	<b>5,800</b>	<b>14,852</b>	<b>9,028</b>	<b>12</b>	<b>51</b>	<b>1,557</b>	<b>5,319</b>	<b>9,188</b>	
<b>1963</b>														
Individual ownerships .....	}	9	42	88	100	3	247	533	281	10	52	46	120	281
Partnerships .....		24	1,170	2,515	3,618	149	6,412	15,924	9,502	...	...	1,535	5,587	9,729
Incorporated companies .....	-	-	-	-	-	-	-	-	...	...	-	-	-	
Cooperatives .....	...	...	...	...	...	...	...	...	...	...	...	...	...	
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Totals .....</b>	<b>33</b>	<b>1,212</b>	<b>2,603</b>	<b>3,718</b>	<b>152</b>	<b>6,659</b>	<b>16,458</b>	<b>9,783</b>	<b>10</b>	<b>52</b>	<b>1,581</b>	<b>5,707</b>	<b>10,010</b>	

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

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
	\$'000					
<b>Output</b>						
1. Shipments and other revenue .....	14,852	16,458	794	908	15,646	17,366
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	968	1,043	...	...	968	1,043
Finished goods .....	1,391	1,724	...	...	1,391	1,724
Less opening - Goods in process .....	892	964	...	...	892	964
Finished goods .....	1,346	1,668	...	...	1,346	1,668
2. Net inventory change .....	121	135	...	...	121	135
3. Gross output (1 + 2) .....	14,974	16,594	794	908	15,768	17,501
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	563	674	563	674
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	147	134	147	134
Less closing .....	...	...	153	198	153	198
5. Cost of goods sold (not of own manufacture) .....	...	...	557	610	557	610
6. Materials, supplies, components and semi-processed goods	5,800	6,659	76	71	5,876	6,730
7. Fuel and electricity .....	146	152	...	...	146	152
8. Gross input (5 + 6 + 7) .....	5,946	6,811	633	681	6,579	7,492
<b>Census value added (3 - 8) .....</b>	<b>9,028</b>	<b>9,783</b>	<b>160</b>	<b>227</b>	<b>9,188</b>	<b>10,010</b>



TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Admin- istrative and office	Sales and distri- bution	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1962															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec .....	303	435	16	2	57	41	65	10	441	488	1,829	16	569	321	2,736
Ontario .....	243	201	-	-	73	48	35	28	351	277	1,681	-	591	312	2,584
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	546	636	16	2	130	89	100	38	792	765	3,511	16	1,159	633	5,319
1963															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec .....	300	444	6	2	64	44	55	9	425	499	1,888	5	670	358	2,921
Ontario .....	252	216	-	-	82	46	32	29	366	291	1,829	-	634	323	2,786
Manitoba .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon and Northwest Terri- tories .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	552	660	6	2	146	90	87	38	791	790	3,718	5	1,303	681	5,707

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

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January .....	538	630	567	674
February .....	539	626	561	646
March .....	540	627	560	647
April .....	530	622	553	641
May .....	535	626	552	652
June .....	542	626	562	673
July .....	509	653	547	670
August .....	577	607	545	672
September .....	564	666	551	666
October .....	557	662	539	668
November .....	554	671	546	659
December .....	553	633	533	651
Average for establishments reporting monthly detail (collected only for large establishments) ..	546	636	552	660
Average for small establishments (only annual averages collected) .....	...	...	...	...
Average for all establishments .....	546	636	552	660

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-
Quebec .....	764	336	966	2,066	72	2,138
Ontario .....	574	628	701	1,903	62	1,965
Manitoba .....	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals .....</b>	<b>1,338</b>	<b>964</b>	<b>1,667</b>	<b>3,969</b>	<b>134</b>	<b>4,103</b>
Closing:						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	-	-	-	-	-	-
Nova Scotia .....	-	-	-	-	-	-
New Brunswick .....	-	-	-	-	-	-
Quebec .....	844	383	1,045	2,272	125	2,397
Ontario .....	597	660	680	1,937	73	2,010
Manitoba .....	-	-	-	-	-	-
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-
British Columbia .....	-	-	-	-	-	-
Yukon and Northwest Territories .....	-	-	-	-	-	-
<b>Totals .....</b>	<b>1,441</b>	<b>1,043</b>	<b>1,725</b>	<b>4,209</b>	<b>198</b>	<b>4,407</b>

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

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines .....	ton	125	2	-
(b) Imported .....	"	177	3	2
Sub-bituminous coal (from Alberta mines only) .....	"	-	-	-
Anthracite coal .....	"	-	-	-
Lignite coal .....	"	-	-	-
Coke .....	"	-	-	-
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	37,332	15	31,259
Fuel oil including kerosene or coal oil .....	"	136,592	19	128,489
Wood .....	cord	-	-	50
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	-	-	-
(b) Other manufactured gas .....	M cu.ft.	-	-	-
(c) Natural gas .....	"	14,324	14	19,583
Other fuel .....	...	...	...	...
Electricity purchased .....	kwh.	5,562,150	83	5,950,841
Steam purchased .....	...	...	...	...
2. Estimate for small establishments:				
Fuel and electricity .....	...	10	...	11
3. All establishments:				
<b>Total fuel and electricity used .....</b>	...	...	<b>146</b>	...
				<b>152</b>

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

Description	Cost	
	1962	1963
	\$'000	
1. Materials and components used <sup>1</sup> .....	5,056	5,935
2. Containers and other packaging materials and supplies used .....	215	154
3. Operating, Maintenance and repair supplies used (excluding fuel).....	455	511
4. Amount paid out to others for work done on materials owned by establishments .....	74	59
<b>Totals</b> .....	<b>5,800</b>	<b>6,659</b>

<sup>1</sup> No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$364,647 in 1962 and \$552,559 in 1963.

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

Description	1962		1963	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
<b>1. Products:</b>				
Buttons, all kinds .....	gross 3,851,911	3,268	4,269,870	3,370
Buckles, all kinds .....	...	209	...	213
Fasteners, zipper.....	ft. 123,080,545	8,298	143,596,116	11,144
Fasteners, other (including zipper sliders; hooks and eyes; and hook and eyetape)	...	2,695	...	<sup>1</sup>
Brooches, clips pins and other ornaments .....	...	<sup>1</sup>	...	<sup>1</sup>
All other products.....	...	382	...	1,730
2. Amount received in payment for work done on materials and products owned by others	...	<sup>1</sup>	...	<sup>1</sup>
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above.....	...	(-)	...	(-)
<b>Total adjusted value of shipments and work done</b> .....	...	<b>14,852</b>	...	<b>16,458</b>

<sup>1</sup> Included in "All other products"

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

Description	1962		1963	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
<b>Buttons:</b>				
Covered.....	...	<sup>1</sup>	...	<sup>1</sup>
Metal.....	...	<sup>1</sup>	...	<sup>1</sup>
Plastic (celluloid, casein, lucite, etc.).....	gross 3,699,730	2,890	4,091,196	3,059
Other.....	...	785 <sup>f</sup>	...	673
Buckles, all kinds .....	...	263 <sup>f</sup>	...	226
Fasteners, zipper.....	ft. 123,080,545	8,298	143,596,116	11,144
Fasteners, other than zipper.....	...	3,034 <sup>f</sup>	...	1,479
Parts for parts.....	...	221 <sup>f</sup>	...	278
<b>Total shipments</b> .....	...	<b>15,491<sup>f</sup></b>	...	<b>16,859</b>

<sup>1</sup> Included in "Buttons, other"

**List of Establishments classified to This Industry, 1963**

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

Name	Location
<b>Quebec:</b>	
Acme Slide Fastener Co. Ltd. ....	1740 St. Antoine St., Montreal 3
Atlantic Buckle Co. ....	1435 St. Alexander St., Montreal
Berkeley Novelty Co. ....	1435 St. Alexander St., Montreal 2
Buttons and Ornaments Ltd. ....	151 Lagauchetière St. W., Montreal 1
Canadian Buttons Limited ....	1850 St. Antoine St., Montreal
Canadian Spangle Mfg. Co. Ltd. ....	2095 St. Lawrence Blvd., Montreal 18
Century Products Co. ....	204 de Vienne St., Montreal 18
Clix Fastener Corporation ....	425 River St., Montreal 19
Excel Fasteners Ltd. ....	1475 Larocque St., St.Hyacinthe
J. & P. Coats (Canada) Ltd., (Slide fastener division) ....	421 Ple IX, Montreal
The Export Corporation (of Canada) Ltd. ....	809 William St., Montreal
Gibsons Zipper Textiles Inc. ....	1475, rue Larocque, St-Hyacinthe
Jet Fastener Corp. ....	363 Lemoyne St., Montreal 1
Karavas Mfg. Co. ....	2118 Bleury St., Montreal 2
Komo Fasteners Ltd. ....	57 Victoria St., Valleyfield
Louis B. Lavallée ....	263, ave. des Sources Dorval
Lightning Fastener Co. Ltd. ....	Victoria St., Bedford
Lion Fastener Co. Ltd. ....	4530 Clark St., Montreal 14
Moranda Inc. ....	366 Mayor St., Montreal 2
Newey Brothers (Canada) Limited ....	384 Cabana St., Granby
William Prym Co. of Canada Ltd. ....	809 William St., Montreal 3
Queen Fasteners ....	1485 Bleury St., Montreal
Shur-Lok Zipper Co. of Canada ....	1485 Bleury St., Montreal
Star Fasteners of Canada Ltd. ....	7930 Provencher Blvd., St.Leonard
Strong Hook & Eye Co. Ltd. ....	7928 Provencher Blvd., St.Leonard
Universal Industries (Hyman Friedman) ....	1435 Bleury St., Room 802, Montreal
<b>Ontario</b>	
Albert Button Co. ....	471 Richmond St. W., Toronto 2B
American Trimming Co. Ltd. ....	460 Richmond St. W., Toronto 2B
Button Sales Limited ....	133 Niagara St. Toronto 2B
Dominion Button Manufacturers Ltd. ....	57 Water St. North, Kitchener
Kitchener Button Industries Ltd. ....	70 Victoria St. N., Kitchener
Lightning Fastener Co. Ltd. ....	50 Niagara St., St. Catharines

# CONCEPTS AND DEFINITIONS

## Census of Manufactures

### General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

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

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

### Establishment

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

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

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

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

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

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

#### **Head Offices and Auxiliary Units**

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

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

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

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

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

#### **Employees**

##### **(a) Production and related workers – Manufacturing activity**

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

##### **(b) Production and related workers – Non-manufacturing activities**

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

##### **(c) Administrative and office employees**

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers,

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

#### (d) Sales and distribution workers

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

#### (e) Total Employees

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

#### Working Owners or Partners

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

#### Salaries and Wages

Salaries and wages refer to gross earnings of employees before deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages, bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any

other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

#### Fuel and Electricity

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

#### Materials and Supplies

##### (a) Manufacturing activities

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

##### (b) Non-manufacturing activities

###### 1. Purchases for re-sale as such

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

###### 2. Other materials and supplies used

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

fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

## Shipments

### (a) General

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

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

### (b) Shipments of goods of own manufacture

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

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

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity are collected by means of the Commodity questionnaire referred to earlier. Such shipments together

with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

### (c) Shipments of goods not of own manufacture

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

### (d) Other revenue

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

## Inventories

### (a) Manufacturing activities

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



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

**(b) Non-manufacturing activities**

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

**Value Added**

**(a) By manufacturing activities**

Figures are compiled by deducting the cost of materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).

**(b) By non-manufacturing activities**

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

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

**(c) By Total activities**

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



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