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In the pages of Concepts and Definitions to be found at the end of this bulletin a concise outline has been presented on factors applicable to and comprised in the tabular matter compiled for this publication. The revised Standard Industrial Classification and the new concept of the establishment (reporting unit; see Concepts and Definitions) apply throughout this bulletin.

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.
- * revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

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	
1961														
Totals	268	7,650	16,121	25,207	4,447	252,874 ^r	409,731	153,668 ^r	60	197	12,233	49,134	162,999 ^r	
1962														
Totals	279	7,743	16,684	27,218	4,941	276,040 ^r	448,713	171,848 ^r	61	197	12,337	52,493	179,316 ^r	
1963														
Newfoundland	1	224	463	563	121	4,556	7,916	3,161	5	20	331	1,136	3,267	
Prince Edward Island	—													
Nova Scotia	10													
New Brunswick	10	354	735	759	134	8,370	12,742	4,216	—	—	437	1,091	4,379	
Quebec	89	2,413	5,153	7,956	1,092	90,822	152,368	59,817	26	108	4,136	17,446	64,499	
Ontario	100	3,634	7,665	14,397	3,134	132,361 ^r	228,002	92,313 ^r	13	27	5,981	28,507	93,611 ^r	
Manitoba	21	469	973	1,556	340	16,951	25,784	8,211	x	x	693	2,778	8,815	
Saskatchewan	1	144	310	649	163	7,110	10,986	3,578	x	x	193	942	3,578	
Alberta	9													
British Columbia	33	554	1,167	2,307	280	36,380	49,371	12,790	5	20	885	4,169	13,367	
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	274	7,792	16,465	28,186	5,263	296,351 ^r	487,169	184,085 ^r	54	189	12,656	56,069	191,517 ^r	
1964														
Newfoundland	1	210	448	554	126	5,295	8,411	3,007	5	20	324	1,189	3,112	
Prince Edward Island	—													
Nova Scotia	12													
New Brunswick	12	336	715	773	148	8,274	13,001	4,610	x	x	421	1,130	4,872	
Quebec	86	2,312	4,975	8,047	1,133	96,699	159,222	61,654	20	92	4,069	16,111	66,099	
Ontario	104	4,092	8,677	16,870	3,471	153,198	263,330	108,014	15	30	6,589	32,420	111,387	
Manitoba	19	470	1,002	1,628	349	18,778	28,295	9,109	4	17	699	2,949	10,440	
Saskatchewan	3	20	38	54	10	476	711	279	—	—	27	91	308	
Alberta	10	140	296	643	163	7,262	11,130	3,879	x	x	190	939	4,017	
British Columbia	34	603	1,234	2,480	281	40,206	54,868	14,366	x	x	939	4,365	14,953	
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	281	8,183	17,387	31,049	5,682	330,187	538,968	204,919	49	172	13,258	61,194	215,189	

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	14	1	3	4	1	31	64	30	11	15	2	6	30
\$ 10,000 to \$ 24,999	21	23	48	64	5	183	366	196	8	17	38	100	236
25,000 " 49,999	20	25	53	69	14	365	701	295	14	51	52	141	339
50,000 " 99,999	25	70	145	205	31	978	1,724	747	12	60	119	400	851
100,000 " 199,999	31	133	291	412	53	2,527	4,419	1,856	8	40	239	1,004	2,037
200,000 " 499,999	37	419	915	1,094	226	7,285	12,035	4,411	1	6	617	2,116	4,754
500,000 " 999,999	34	663	1,423	1,923	347	14,755	24,768	9,573	—	—	1,058	4,344	10,175
1,000,000 " 4,999,999	68	3,159	6,651	10,111	1,561	103,377	162,586	58,742	—	—	5,311	21,785	62,354
5,000,000 and over	24	3,299	6,937	14,305	3,026	167,051	280,506	108,235	—	—	4,602	22,025	110,924
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	618	4,147	(182)
Totals	274	7,792	16,465	28,186	5,263	296,551	487,169	184,085	54	189	12,656	56,069	191,517
1964													
Under \$10,000	17	1	4	5	3	37	72	32	10	13	3	9	33
\$ 10,000 to \$ 24,999	14	11	25	38	7	106	230	120	7	12	23	68	150
25,000 " 49,999	27	36	71	104	16	550	982	411	12	53	65	196	479
50,000 " 99,999	19	43	92	137	25	698	1,257	534	11	55	71	242	600
100,000 " 199,999	30	144	298	434	71	2,669	4,299	1,614	7	32	237	960	1,875
200,000 " 499,999	38	294	627	907	179	7,535	12,015	4,442	2	7	500	2,030	4,881
500,000 " 999,999	38	805	1,699	2,302	444	16,660	27,225	10,304	—	—	1,227	4,628	10,912
1,000,000 " 4,999,999	70	2,952	6,247	9,952	1,634	107,235	163,843	54,441	—	—	5,024	21,467	59,336
5,000,000 and over	28	3,897	8,324	17,169	3,303	194,698	329,044	133,021	—	—	5,381	26,609	137,080
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Totals	281	8,183	17,387	31,049	5,682	330,187	538,968	204,919	49	172	13,258	61,194	215,189

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	38	27	56	73	11	410	650	218	21	41	48	131	296
\$ 10,000 to \$ 24,999	25	38	82	107	17	674	1,127	435	16	70	79	229	499
25,000 " 49,999	30	103	220	311	42	1,715	2,866	1,052	16	72	161	561	1,200
50,000 " 99,999	34	211	455	622	107	8,369	10,820	2,412	1	6	359	1,411	2,577
100,000 " 199,999	32	434	940	1,186	254	11,118	16,244	4,786	—	—	648	2,370	5,115
200,000 " 499,999	39	992	2,125	2,686	405	24,784	38,033	12,931	—	—	1,575	6,081	14,996
500,000 " 999,999	29	1,189	2,513	3,636	646	35,039	54,852	19,111	—	—	1,815	7,478	20,069
1,000,000 " 4,999,999	41	3,209	6,776	12,483	2,598	147,114	231,142	81,033	—	—	5,225	23,779	82,751
5,000,000 and over	6	1,589	3,297	7,082	1,184	67,328	131,436	62,106	—	—	2,128	9,881	64,196
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	618	4,147	(182)
Totals	274	7,792	16,465	28,186	5,263	296,551	487,169	184,085	54	189	12,656	56,069	191,517
1964													
Under \$10,000	36	18	40	57	14	309	504	178	20	35	31	90	214
\$ 10,000 to \$ 24,999	31	48	97	146	37	1,100	1,632	549	14	63	97	308	683
25,000 " 49,999	27	113	238	328	43	2,137	3,159	981	12	59	168	560	1,091
50,000 " 99,999	30	160	348	520	61	7,908	10,123	2,179	3	15	289	1,260	2,451
100,000 " 199,999	36	482	1,011	1,367	269	12,591	18,100	5,278	—	—	727	2,677	5,809
200,000 " 499,999	49	1,264	2,682	3,795	730	40,050	57,251	16,802	—	—	1,969	8,065	18,763
500,000 " 999,999	26	1,057	2,222	3,353	553	34,925	54,452	18,658	—	—	1,730	7,448	20,364
1,000,000 " 4,999,999	39	3,193	6,758	12,953	2,624	150,243	235,934	83,475	—	—	5,062	23,645	86,325
5,000,000 and over	7	1,848	3,990	8,530	1,330	80,925	157,814	76,820	—	—	2,458	12,156	79,644
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Totals	281	8,183	17,387	31,049	5,682	330,187	538,968	204,919	49	172	13,258	61,194	215,189

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	31	19	39	48	6	278	439	161	16	26	30	76	163
\$ 10,000 to \$ 24,999	26	36	76	103	17	633	1,078	420	17	65	76	213	481
25,000 " 49,999	29	93	198	284	41	1,509	2,584	964	18	78	141	465	1,037
50,000 " 99,999	37	215	470	610	106	5,864	8,391	2,465	3	19	365	1,421	2,630
100,000 " 199,999	31	387	823	1,077	229	12,998	17,594	4,309	—	—	563	2,118	4,493
200,000 " 499,999	36	844	1,825	2,284	380	20,597	32,062	11,043	—	—	1,328	5,088	11,656
500,000 " 999,999	33	1,290	2,749	3,908	639	36,432	56,667	19,666	—	—	1,981	8,084	22,177
1,000,000 " 4,999,999	43	3,319	6,989	12,790	2,662	150,913	236,917	82,950	—	—	5,426	24,575	84,866
5,000,000 and over	6	1,589	3,297	7,082	1,184	67,328 ^r	131,436	62,106 ^r	—	—	2,128	9,881	64,196 ^r
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	618	4,147	(182)
Totals	274	7,792	16,465	28,186	5,263	296,551 ^r	487,169	184,085 ^r	54	189	12,656	56,069	191,517 ^r
1964													
Under \$10,000	32	14	32	42	11	253	415	148	18	32	23	62	152
\$ 10,000 to \$ 24,999	28	36	73	112	25	819	1,266	465	13	55	74	218	489
25,000 " 49,999	30	112	235	328	53	2,192	3,199	968	14	58	166	546	1,076
50,000 " 99,999	30	156	335	482	74	4,087	6,143	2,012	4	28	275	1,150	2,183
100,000 " 199,999	36	424	889	1,240	262	15,320	20,506	4,917	—	—	642	2,449	5,324
200,000 " 499,999	49	1,211	2,546	3,539	673	38,346	54,466	15,862	—	—	1,847	7,340	17,014
500,000 " 999,999	28	1,068	2,301	3,478	586	33,494	52,960	18,552	—	—	1,785	7,919	20,713
1,000,000 " 4,999,999	41	3,314	6,985	13,298	2,669	154,749	242,198	85,173	—	—	5,261	24,368	88,750
5,000,000 and over	7	1,848	3,990	8,530	1,330	80,925	157,814	76,820	—	—	2,458	12,156	79,644
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Totals	281	8,183	17,387	31,049	5,682	330,187	538,968	204,919	49	172	13,258	61,194	215,189

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	66	68	142	195	31	1,412	2,346	910	40	117	108	315	1,006
5 - 14 employed	66	292	620	910	139	8,743	13,546	4,675	14	72	514	2,130	4,945
15 - 49 "	72	1,374	2,900	4,297	737	54,615	79,830	24,825	—	—	2,134	8,824	26,850
50 - 99 "	32	1,606	3,470	5,781	1,632	68,771	107,584	35,469	—	—	2,198	9,721	36,062
100-199 "	27	2,009	4,255	6,956	1,039	73,220	113,594	40,062	—	—	3,649	15,477	42,258
200-499 "	11	2,443	5,078	10,047	1,685	89,790 ^r	170,269	78,144 ^r	—	—	3,435	15,454	80,578 ^r
500 employed and over .....	...	...	...	...	...	...	...	...	...	...	618	4,147	(182)
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Totals	274	7,792	16,465	28,186	5,263	296,551 ^r	487,169	184,085 ^r	54	189	12,656	56,069	191,517 ^r
1964													
Under 5 employed	69	66	144	220	45	1,692	2,700	1,010	35	104	109	353	1,119
5 - 14 employed	69	329	691	1,076	207	10,007	15,586	5,554	14	69	576	2,408	6,079
15 - 49 "	70	1,335	2,802	4,316	713	56,923	82,785	24,979	—	—	2,068	9,074	26,468
50 - 99 "	34	1,634	3,490	6,057	1,779	75,274	109,096	32,526	—	—	2,324	10,348	34,108
100-199 "	26	2,002	4,313	7,305	1,064	64,388	110,254	44,566	—	—	3,471	15,332	47,920
200-499 "	13	2,817	5,948	12,076	1,874	121,904	218,548	96,284	—	—	3,983	18,894	99,651
500 employed and over .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Totals	281	8,183	17,387	31,049	5,682	330,187	538,968	204,919	49	172	13,258	61,194	215,189

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	30	36	81	98	16	695	1,125	422	29	98	58	184	506
Partnerships	13	21	47	61	13	555	871	302	25	91	27	78	323
Incorporated companies	231	7,735	16,337	28,027	5,234	295,301 ^f	485,173	183,361 ^f	...	...	11,953	51,659	190,871 ^f
Co-operatives													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	618	4,147	(182)
Totals	274	7,792	16,465	28,186	5,263	296,551 ^f	487,169	184,085 ^f	54	189	12,656	56,069	191,517 ^f
1964													
Individual ownerships	28	24	53	73	12	450	822	357	24	87	36	118	393
Partnerships	12	14	33	45	13	572	845	260	25	86	16	52	283
Incorporated companies	236	8,095	17,196	30,775	5,601	326,556	533,840	203,462	...	...	12,409	55,786	213,721
Co-operatives	5	50	105	156	56	2,610	3,460	840	...	...	70	253	947
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	727	4,985	(155)
Totals	281	8,183	17,387	31,049	5,682	330,187	538,968	204,919	49	172	13,258	61,194	215,189

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	487,169	538,968	36,245	41,724	523,414	580,692
Inventories—Goods of own manufacture:						
Add closing—Goods in process	2,229	2,541	...	...	2,229	2,541
Finished goods	28,653	29,587	...	...	28,653	29,587
Deduct opening—Goods in process	1,732	2,617	...	...	1,732	2,617
Finished goods	30,420	27,691	...	...	30,420	27,691
2. Net inventory change	(1,270)	1,820	...	...	(1,270)	1,820
3. Gross output (1 + 2)	485,899	540,788	36,245	41,724	522,144	582,512
Input						
4. Purchases of goods not of own manufacture .....	...	...	26,549	30,521	26,549	30,521
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	3,053	3,269	3,053	3,269
Deduct closing .....	...	...	2,954	3,833	2,954	3,833
5. Cost of goods sold (not of own manufacture) .....	...	...	26,648	29,957	26,648	29,957
6. Materials, supplies, etc.	296,551 ^f	330,187	2,164	1,496	298,715 ^f	331,683
7. Fuel and electricity	5,263	5,682	...	...	5,263	5,682
8. Gross input (5 + 6 + 7)	301,814 ^f	335,869	28,812	31,453	330,626 ^f	367,322
Value added (3 - 8)	184,085 ^f	204,919	7,432	10,271	191,517 ^f	215,189

TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages					
	Production and related workers				Administrative and office		Sales and distribution		Total		Production and related workers		Administrative and office	Sales and distribution	Total	
	Manufacturing		Other													
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufacturing	Other				
number										\$'000						
1963																
Newfoundland	}															
Prince Edward Island		118	106	—	—	39	24	40	4	197	134	563	—	331	242	1,136
Nova Scotia																
New Brunswick		150	204	—	—	23	31	29	—	202	235	759	—	209	123	1,091
Quebec		1,317	1,096	18	7	552	358	758	30	2,645	1,491	7,956	96	5,446	3,948	17,446
Ontario		2,515	1,119	75	25	880	554	764	49	4,234	1,747	14,397	425	8,813	4,872	28,507
Manitoba		254	215	—	—	69	55	97	3	420	273	1,556	—	662	560	2,778
Saskatchewan	}															
Alberta		109	35	—	—	34	13	2	—	145	48	649	—	283	10	942
British Columbia		301	253	2	—	103	85	138	3	544	341	2,307	6	1,011	844	4,169
Yukon and Northwest Territories		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals		4,764	3,028	95	32	1,700	1,120	1,828	89	8,387	4,269	28,186	528	16,755	10,599	56,069
1964																
Newfoundland	}															
Prince Edward Island		104	106	—	—	42	22	45	5	191	133	554	—	363	272	1,189
Nova Scotia																
New Brunswick		130	206	—	—	22	33	30	—	182	239	773	—	211	145	1,130
Quebec		1,351	961	24	9	512	366	808	38	2,695	1,374	8,047	158	5,448	4,457	18,111
Ontario		2,827	1,265	86	34	926	578	825	48	4,664	1,925	16,870	492	9,713	5,345	32,420
Manitoba		244	226	—	—	57	59	108	5	409	290	1,628	—	681	641	2,949
Saskatchewan		8	12	—	—	4	3	—	—	12	15	54	—	37	—	91
Alberta		110	30	—	—	35	13	2	—	147	43	643	—	289	7	939
British Columbia		328	275	—	—	97	87	148	4	573	366	2,480	—	1,001	883	4,365
Yukon and Northwest Territories		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals		5,102	3,081	110	43	1,695	1,161	1,966	100	8,873	4,385	31,049	650	17,744	11,750	61,194

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	4,413 ^f	2,923 ^f	4,844	2,911
February	4,453 ^f	2,881 ^f	4,903	2,997
March	4,550 ^f	2,925 ^f	4,970	3,014
April	4,546 ^f	3,018 ^f	4,964	2,053
May	4,606 ^f	3,041 ^f	5,058	3,054
June	4,663 ^f	2,960 ^f	5,029	3,020
July	4,736 ^f	3,006 ^f	5,109	3,038
August	4,775 ^f	2,936 ^f	5,072	3,124
September	4,809 ^f	3,014 ^f	4,975	3,134
October	4,753 ^f	2,955 ^f	4,984	3,023
November	4,724 ^f	3,034 ^f	5,056	3,085
December	4,686 ^f	2,892 ^f	4,946	2,827
Averages	4,643	2,967	4,995	3,025
Establishments reporting annual averages (small establishments only)	121	61	107	56
Average for all establishments	4,764	3,028	5,102	3,081

TABLE 10. Inventories,¹ 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	1,130	6	178	1,314	19	1,333
Prince Edward Island						
Nova Scotia						
New Brunswick						
Quebec	2,237	13	445	2,695	23	2,717
Ontario	13,283	863	7,399	21,545	1,591	23,136
Manitoba	24,034	1,437	15,118	40,589	1,247	41,837
Saskatchewan	3,959	123	2,391	6,472	141	6,613
Alberta	42	8	63	112	28	140
British Columbia	2,163	-	618	2,782	26	2,808
Yukon and Northwest Territories	5,435	167	1,715	7,317	194	7,512
Totals	52,283	2,617	27,927	82,827	3,269	86,096
Closing:						
Newfoundland	1,070	12	189	1,271	35	1,306
Prince Edward Island						
Nova Scotia						
New Brunswick						
Quebec	2,250	17	471	2,739	25	2,764
Ontario	14,312	774	7,752	22,838	1,680	24,518
Manitoba	24,649	1,552	16,245	42,446	1,579	44,025
Saskatchewan	4,023	123	2,332	6,477	221	6,699
Alberta	13	27	97	138	26	164
British Columbia	2,812	1	792	3,606	73	3,679
Yukon and Northwest Territories	6,475	34	1,833	8,342	193	8,535
Totals	55,604	2,541	29,712	87,857	3,833	91,690

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	10,567	137	3,689
(b) Imported	"	14,794	180	4,578
Sub-bituminous coal (from Alberta mines only)	"	27	--	12
Anthracite coal	"	99	2	98
Lignite coal	"	--	--	--
Coke	"	343	8	358
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	1,584,601	595	1,530,289
Fuel oil including kerosene or coal oil	"	15,200,513	1,344	14,992,381
Wood	cord	340	5	--
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	138,466	33	242,805
(b) Other manufactured gas	M cu. ft.	--	--	--
(c) Natural gas	"	2,749,930	1,230	3,346,973
Other fuel .....		...	--	...
Electricity purchased	kwh.	156,891,013	1,464	171,943,810
Steam purchased .....		...	189	...
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....		...	74	...
3. All establishments:				
Total fuel and electricity used .....		...	5,263	...

¹ The difference between figures in Table 10 and those in Table 7 arises from firms reporting output of products on the basis of production rather than of shipments. Consequently, inventories of finished products for such respondents are not taken into account for purposes of compiling value added in Table 7. See also "Concepts and Definitions" for explanation of other variances.

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964

Description		Quantity	Cost
			\$'000
I. Materials used:			
Acids:			
Citric	lb.	2,488,961	772
Other acids	"	5,381,369	539
Alcohol (including duty)	pf. gal.	143,111	325
Ammonium compounds	lb.	3,915,565	139
Baking powder (sodium bicarbonate)	"	3,050,790	132
Baking powder materials	"	1,414,652	159
Benzoate of soda	"	335,377	81
Caustic soda (100%)	"	5,303,073	176
Chlorine	"	878,150	58
Cream of tartar, crude	"	190,615	55
Filtering agents (chemicals, minerals, etc.) .....		...	186
Glycerine	lb.	58,547	17
Lecithin	"	500,166	81
Mono-sodium glutamate	"	1,224,536	773
Propylene glycol	"	578,516	118
Salt (sodium chloride)	"	23,951,172	353
Soda ash	"	1,107,464	26
Stabilizers (food)	"	503,575	182
Other chemical ingredients, for foods .....		...	1,003
Colours, essences, spices, etc.:			
Caramel	gal.	36,525	64
Colouring for foods	lb.	211,332	444
Concentrated flavours (fruit, vanilla, etc.) .....		...	1,142
Essential oils .....		...	878
Extracts, essences, etc. for flavouring .....		...	422
Gelatine	lb.	1,903,573	1,281
Gums aromatic (acacia, karaya, tragacanth, etc.)	"	144,890	100
Herbs, mosses, seaweed, roots, etc.	"	315,770	188
Mustard used in manufacturing	"	780,043	71
Mustard seed	"	1,839,029	166
Pectin	"	134,518	254
Spices used in manufacturing	"	2,826,096	1,397
Spice materials (seed, bark, etc. for grinding and mixing)	"	4,382,404	1,846
Vanilla beans	"	56,068	304
Vanillin	"	42,992	122
Vinegar, used in manufacturing	gal.	595,454	211
Vitamins .....		...	330
Yeast	lb.	300,910	110
Other flavour ingredients .....		...	176
Other materials:			
Chocolate	lb.	484,605	152
Cocoa, used in manufacturing	"	5,782,339	1,280
Coffee beans, green	"	162,514,772	75,260
Dairy materials:			
Butter	"	121,992	65
Butter oil .....		...	...
Cream	lb.	108,474	26
Cream powder	"	26,396	24
Milk whole, liquid	"	67,317,556	2,292
Milk whole, condensed, evaporated or powder	"	1,099,180	212
Milk skim, liquid	"	10,546,174	113
Milk skim, condensed, evaporated or powder	"	8,262,723	1,175
Eggs:			
In shell	doz.	11,378,832	3,567
Liquid not frozen	lb.	...	...
Frozen	"	1,053,957	489
Powdered (dried yolks, albumen, etc.)	"	605,221	720
Extracts of meats		131,503	283
Flour:			
Corn	"	4,519,000	291
Rice	"	1,103,736	116
Wheat	"	126,383,584	5,808
Other flours	"	22,090,237	1,407
Fruits:			
Dried (raisins, dates, etc.) for use in manufacturing	"	4,574,324	750
Dried (raisins, dates, etc.) for cleaning and packaging	"	1,741,269	303
Fresh all kinds	"	1,297,203	214
Fruit and peel in brine	"	2,617,591	570
Preserved and canned, all kinds	"	2,662,523	541

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964 - Concluded

Description	Quantity	Cost
		\$'000
1. Materials used - Concluded		
Fruit drink powders	lb. 185,755	218
Fruit juice, all kinds	" 134,513	25
Fruit juice concentrates, all kinds	" 2,116,657	796
Grains, all kinds	bu. 33,255,862	49,042
Lard	lb. 2,978,880	447
Shortening	" 14,424,400	2,613
Margarine	" 536	--
Malt:		
Malt, barley	bu. 113,154	234
Malt, other than barley	" 940	2
Malt, received for further processing	" 4,206,890	6,849
Malt sprouts	" 1,556	1
Malt extract and syrup	lb. 109,537	18
Other malt materials	" ..	13
Nuts:		
Cocoanuts	lb. 1,180,808	274
Peanuts, green	" 35,792,469	4,840
Peanuts, roasted	" 1,019,490	158
Other nuts	" 1,931,509	1,100
Oil crude, Canadian	" 29,680,521	3,708
Oil crude, imported	" 9,575,247	1,503
Oils refined:		
Animal	" 11,001,512	1,590
Marine	" 20,069,481	2,796
Mineral	" 830,507	213
Vegetable:		
Cocoanut	" 4,782,428	831
Corn	" 8,231,961	1,532
Cottonseed	" 13,891,608	2,259
Olive	" 24,500	2
Peanut	" 4,506,402	776
Rapeseed	" 1,745,250	269
Soybean	" 52,937,966	7,587
Other vegetable oils	" 9,932,985	1,603
Oils refined, mixed	" 36,930,240	5,687
Poultry and poultry meat	" 1,849,254	486
Sugar and sweetening agents:		
Dextrose	" 7,664,048	912
Glucose	" 10,994,771	924
Honey	" 23,721,285	3,585
Maple sugar	" ..	--
Molasses	lb. 51,315,427	1,195
Sugar, beet or cane	" 102,839,362	12,245
Sugar butter	" 4,878,000	878
Sugar; liquids (invert, sucrose, maltose, etc.)	" 13,785,940	1,580
Syrup:		
Corn	" 1,153,354	116
Maple	" 4,192,478	1,153
Other sweet syrups	" ..	--
Other sweetening agents	lb. 665,077	200
Starch:		
Corn	lb. 9,605,254	945
Potato	" 33,164,061	1,210
Wheat	" 941,400	80
Other starches	" 584,174	97
Tea loose, for blending and packaging, etc.	" 43,630,182	26,575
Vegetable:		
Olives in bulk	" 663,928	233
Potatoes	" 321,333,720	5,842
Soybeans	" 3,416,050	174
Other fresh vegetables	" 2,753,374	101
Vegetables dehydrated	" 2,116,935	934
Vegetable pickles, relishes, etc.	" 723,539	124
All other materials and components used ¹	" ..	8,330
2. Containers and other packaging materials and supplies used	" ..	48,925
3. Operating, maintenance and repair supplies used (excluding fuel)	" ..	5,079
4. Amount paid out to others for work done on materials owned by establishments	" ..	939
Totals	" ..	330,187

¹ No detailed information on materials used was collected from small establishments, the estimated cost for which is included here. This estimated cost was \$2,852,355 in 1964.

TABLE 13. Shipments of Goods of Own Manufacture, 1963 and 1964

Description	1963		1964	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Almond paste	1	1	1	1
Baking powder	1	1	1	1
Cream of tartar, refined	lb. 173,715	140	153,950	144
Coffee, roasted	1	1	1	1
Coffee, instant	lb. 20,861,879	38,695	17,965,920	44,306
Confectionery, all kinds	1	1	1	1
Corn starch, edible, laundry, etc.	1	1	1	1
Corn syrup	1	1	1	1
Sauces for meats, etc.	1	1	1	1
Eggs, frozen	lb. 8,244,057	3,220	4,462,062	1,720
Egg powder, plain and sugared	833,835	1,178	725,775	939
Egg substitute	1	1	1	1
Flavours, extracts, concentrates, etc. (for bakers', confectioners' and household use)	gal. 288,345	4,071	370,493	5,043
Flavours, extracts, concentrates, emulsions, etc. (to be used in manufacturing soft drinks) ..	98,810	941	102,508	969
Food colours	1	788	1	337
Food drink powders	lb. 11,635,930	5,453	22,885,855	11,768
Glucose	1	1	1	1
Maraschino cherries	lb. 1,299,186	867	1,091,192	662
Other fountain fruits	235,427	96	1	1
Icings, icing and candy mixes	3,073,853	849	3,555,117	896
Jams and jellies	8,388,048	2,081	6,241,439	1,850
Marmalades	1	1	1	1
Malt (barley, etc.)	1	1	1	1
Malt extract and syrup	1	1	1	1
Malt flour	1	1	1	1
Margarine and margarine substitutes	lb. 125,796,472	27,225	123,067,804	28,326
Mince meat	445,002	102	439,515	140
Mustard, prepared	1,133,926	1,742	1,457,425	2,098
Olives, bottled, etc.	1	1	1	1
Pie filling, apple	lb. 491,951	84	1,181,239	243
Pie filling, other (peach, cherry, etc.) ..	4,202,744	1,130	2,756,374	793
Powders (pie filling, pudding, etc.)	20,125,499	8,451	20,316,293	9,364
Powders, custard	1	1	1	1
Powders, jelly	lb. 19,245,358	8,225	21,301,847	9,815
Powders, all other	1,717,483	1,018	1	4,405
Peanuts, roasted, salted, etc.	3,755,563	1,319	6,084,502	2,394
Other nuts, roasted, salted, etc.	1,024,544	801	1,639,267	1,347
Peanut butter	24,441,883	8,296	25,981,790	8,855
Potato chips, frills, etc. (factory made) ..	1	1	1	1
Potato starch and flour	1	1	1	1
Prepared cake mixes	lb. 29,007,159	7,358	26,390,711	7,421
Other prepared mixes (doughnut, pastry, etc.) ..	56,560,318	9,312	62,018,062	9,205
Rice, cleaned and polished	1	1	1	1
Salad and mayonnaise dressing	1	1	1	1
Seasoning, dry	lb. 1	1	1	1
Meat curing salts, and compounds	1	1	1	1
Popcorn and popcorn confectionery	1,582,935	875	2,539,242	1,411
Flour preparation for sausage fillings, etc.	11,608,802	1,493	1	1
Syrups, table	17,444,412	3,189	7,438,875	1,707
Syrups, fountain, fruit, and ice cream toppings ..	gal. 1,047,746	2,784	1	4,023
Spices, ground, mixed, etc.	6,209,025	6,002	7,693,735	6,984
Sugar butter	1	1	1	1
Tea, blended, packed, etc.	1	1	1	1
Yeast, fresh and dried	1	1	1	1
Yeast food and bread improver	1	1	1	1
Raisins, currants and dates, cleaned, packaged, etc.	lb. 4,369,008	1,034	5,660,866	1,389
All other products .....	...	338,350	...	375,875
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 .....	...	614	...	247
Net adjustment for establishments receiving progress payments .....	...	—	...	—
Total adjusted value of shipments and work done .....	...	487,169	...	538,968

* Confidential, included in "All other products".

TABLE 14. 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 ^P		1964 ^P	
		Quantity	Value	Quantity	Value
			\$'000		\$'000
Bread improver and yeast food	lb.	8,778,904	960	13,245,491	1,568
Coffee, roasted	"	92,848,642	60,753	95,240,654	44,766
Coffee, instant	"	20,861,879	38,695	17,965,920	44,306
Egg powder	"	833,835	1,178	726,565	940
Flavours, extracts etc. (for bakers, confectioners and household use) .....	...	...	9,542	...	11,177
Flavours, extracts, concentrates, etc. (for use in manufacturing soft drinks)	gal.	1,829,945	13,243	1,764,674	13,862
Margarine	lb.	178,342,309	36,934	177,769,750	39,612
Mincemeat	"	5,415,541	1,141	5,756,260	1,234
Mustard, prepared	gal.	1,317,047	2,616	1,943,167	2,959
Powders, pie filling, pudding and desserts	lb.	25,569,186	10,753	24,682,386	10,814
Powders, jelly	"	20,088,457	8,665	22,060,068	9,910
Peanut butter	"	37,290,597	12,435	44,117,395	14,708
Potato chips, factory made	"	49,128,534	36,037	61,268,928	39,454
Prepared cake mixes	"	66,017,159	11,909	57,518,711	12,522
Other prepared mixes (pastry, doughnut, cookie, etc.)	"	75,589,804 ^r	18,086 ^r	80,345,147	11,994
Salad dressing and mayonnaise	"	47,551,993	16,112	48,256,230	16,387
Sandwich spread	"	4,241,073	1,791	4,462,222	1,894
Spices, ground, mixed, etc.	"	6,780,467	6,693	8,583,688	7,738
Syrups, table	"	13,297,873 ^r	2,515 ^r	11,641,790	2,596
Tea, blended, packed, etc.	"	43,425,256	51,885	45,466,661	53,484

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
Newfoundland:	
Newfoundland Margarine Co. Ltd. The	250 Le Marchant Rd., St. John's
Nova Scotia:	
Nick Cornish	North Main St., Trenton
Glendale Foods Ltd.	Sheffield Hills
Gravel, A.I. & Co.	14 High St., Yarmouth
Hostell Foods Products	New Minas
Java Blend Coffee. The	100A Hollis St., Halifax
McKenzie's Sales Ltd. (Salad Div.)	68 Victoria St., Middleton
Morse, J.E. & Co. Ltd.	1879 Hollis St., Halifax
Mother's Own Products Ltd.	Pickford & Blach Wharf, Halifax
Schwartz & Sons, W.H. Ltd.	2240 Barrington St., Halifax
Standard Brands Ltd.	Brooklyn
Toorie Kitchens Ltd.	Monastory
Tracy, E.S. Mfg. Co.	5677 Woodill, Halifax
New Brunswick:	
G.E. Barbour Co. Ltd.	293 Union St., Saint John
G.E. Barbour Co. Ltd.	16 North Wharf, Saint John
Brooke Bond (1959) Canada Ltd.	49 Mill St., Saint John
Grand Falls Chemical Co. Ltd.	Grand Falls
Hatfield Industries Ltd.	Hartland
Le Blanc, Gerald C.	Buctouche
Loyalist Food Products Ltd.	Renforth
Maritime Product Co. Ltd.	St. Antoine
McCain Food Limited	Grand Falls
Plrie Potato Co. Ltd.	Grand Falls
Valley Co-operative Ltd.	Grand Falls
H.W. Wilson Co. Ltd.	28-30 Water St., Saint John
Quebec:	
J.E. Bergeron & Fils Ltée	7 St-Jean-Baptiste, Bromptonville
Bernard, Léo Ltd.	2472-93rd St., Shawinigan
Bleau, J. Clovis Enrg.	1729-18ieme Rue, Quebec
Bolduc, A.M. & Fils	St. Victor de Beause
Bovril (Canada) Ltd.	Pointe Claire
H.C. Brill (Canada) Ltd.	10140 Place de l'Hotel de Ville, Montreal 39
Brodie & Harvie, Ltd.	6600 Hutchison St., Outremont

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Quebec - Concluded	
Brooke Bond Canada Ltd.	4305 Côte de Liesse Rd., Montreal 9
Brossard Frères	6517 Jeanne-Mance, Montreal
W.J. Bush & Co., (Canada) Ltd.	312 St. Patrick, Ville Lasalle
Canada Maltng Co. Ltd.	Riverside, Montreal
Canada Starch Co. Ltd.	Lennoxville
Chanteclere Food Products	356 Labelle, St. Jérôme
Chenoy, H. & Co. Ltd.	10229 Armand Lavergne St., Montreal
Chan Wah Noodle Mfg. Co. Reg'd.	1077 Clark St., Montreal
Compagnie Caron Inc.	41 Blvd. des Alliés, Quebec
Concentres Frontenac Enrg.	1985 ave. du Sanctuaire, Giffard
Cog-Hardi	664 - 8ième Ave., St. Antoine des Laurentides
Arthur Depot	1458, rue Frontenac, Montreal
Désy, J.A. Ltd.	1459, ave. Delorimier, Montréal
Duchess Potato Chips, Ltd.	5425 Chapleau St., Montréal
Dulac Potato Chips, Inc.	9, rue St. Cyrille, Ste. Marie de Beauce
Empire De-Hydrated Products (Canada) Ltd.	2160 Ward St., Montréal
Felton Chemical Co. Inc.	5110 Courtrai St., Montreal
Food Products Ltd.	5555 St. Patrick St., Montreal 20
Gauthier, O. Ltée	8595 St. Dominique, Montreal
Alphonse Gauvin, Inc.	300, ave. St. Sacrement, Quebec
General Foods, Limited	790-90th Ave., La Salle & 3510 Albert St., Montreal
Gingras, E. Inc.	141 Laurier Ave. W., Montreal
V. Girard & Cie	4336, rue Parthenais, Montreal
Grapette (Canada) Ltd.	12139 A Letellier St., Montreal
The Great Atlantic & Pacific Tea Co., Ltd.	580 Rose de Lima St., Montreal
Grenache (1963) Incorporée	9500 Parkway, Ville d'Anjou
Italian Canned Food Products Reg'd.	4644 Notre Dame St. W., Montreal
Jonas, Henri & Company	139 St. Paul St. W., Montreal
Kearney Brothers Ltd.	147 St. Peter St., Montreal
Keith Food Products	224 Taché blvd., Hull
Laboratoire Aubry-Paris, Enrg.	6280 Côte des Neiges Rd., Montreal
Lallemant Inc.	1650 Prefontaine st., Montreal
Lallemant Inc.	Laprairie
La Meilleure Cie.	686 Leduc St., St. Laurent
La Parmentier Limitée	498 des Sables, Quebec
Laurentide Potato Chips Ltd.	2601 Wurtele St., Montreal
Les Produits Alimentaires Lapérade Inc.	Ste-Anne-de-la-Pérade
Les Produits Blanchet Inc.	Rock Forest
Thomas J. Lipton Limited	6900 Notre Dame St. E., Montreal
London House Products, Ltd.	90 St. Paul St. W., Montreal
Magog Potato Chips, Ltée	610, ave. Thomas, Magog
Manna Limitée	270, rue Queen, Montreal 3
Maple Leaf Potato Chips Inc.	5500 St. Hubert St., Montreal
Martican Coffee & Products Ltd.	950-7th Avenue, Lachine
McLean's Food Products Ltd.	1725 Basin Street, Montreal
Moka Coffee Ltd.	9740 Jeanne-Mance, Montreal
Montreal French Fried	2323 Descarrières, Montreal
Morissette, Aldéric	1075, ave. Larivière, Rouyn
Mount Royal Rice Mills Ltd.	5120 St. Patrick St., Montreal
National House Coffee Ltd.	1040 Bleury St., Montreal
Norda Limited	36 St. Paul St. E., Montreal
Nulomoline Limited	3176 Notre-Dame St. E., Montreal
Ocean Mills, Limited	4579 Christopher Columbus St., Montreal
Orlin's Extract Co. Ltd.	1024 Laurier Ave. W., Montreal
Packwell Ltd.	400 Bufo St., St. Lambert
J. Wilfrid Pagé	64, rue Champlain, Quebec 2
J.R. Paris & Fils Ltée	2525 est, rue Rachel, Montreal 34
La Peptonine et F. Coursol Enrg.	10580 L'Archevêque, Montreal N.
Poulet Doré	Lac Garre
Proctor & Gamble Co. Of Canada, The	Pointe Claire
Ready-to-Cook Products Ltd.	20 Bates Rd., Montreal
Reckitt & Colman (Mfg.) Ltd.	2275- 52nd Ave., Lachine
John Ritchie Ltd.	404 St. Henry St., Montreal
Rose & Laflamme, Ltd.	400 St. Paul St. W., Montreal
Royal Chips, Reg'd.	Port Daniel W.
Sacharen Bross, Inc.	20 Henry IV St., Montreal
Salada Foods Limited	5430 Cote de Liesse Rd., Town of Mount Royal
H.W. Schwartz & Sons Ltd.	50 Montcalm N. Candiac
Sirop de Table Bernard	296 Main, Buckingham
Sirop de Table Maurice	1075 Ave. Larivière, Rouyn
Sportman's Confliserie Inc.	Mont Carmel
Standard Brands Limited	31 Airlie Terrace, Ville LaSalle
Sterling Teas & Coffees, Ltd.	9795 Waverly St., Montreal
Steinberg's Ltd.	5400 Hochelaga St. E., Montreal 5
Stuart Bros. Co. Ltd.	3470 St. Antoine St., Montreal
Sunshine Biscuits (Canada) Ltd.	1225 Metropolitan Blvd., Lachine
Sunshine Biscuits (Canada) Ltd.	St. Romuald
Sutton Maple Products Ltd.	Sutton
Ti-Coq Instantané Enrg.	119- Bruno-Nantel, St. Jérôme
Warwick Potato Chips Inc.	C.P. 338, Rivière du Moulin Warwick
Western Extract Co.	5115 Durocher Ave., Montreal
Wong Wing Food Products Co.	1080 St. Urban, Montreal
Ontario:	
G.C. Bear Ltd.	2597 Howard Ave., Windsor
Becharas Coffee Co. Ltd.	945 Pape Ave., Toronto
Bell Bacon Rind Ltd.	Paris R.R. No. 1
Billy Bee Honey Products Ltd.	68 Tycos Dr., Toronto
The Brantford Coffee & Spice Co.	370 Dalhousie St., Brantford
Campbell, Robert, & Sons Ltd.	2 Denison Rd., Weston

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Ontario - Continued	
Canada Malting Co. Ltd.	Port Arthur
Canada Malting Co. Ltd.	5 Bathurst St., Toronto
Canada Packers Co. Peanut Butter Div.	60 Paton Rd., Toronto
Canada Starch Co. Ltd.	R.R. 1, Ayr
Canadian Bakers Ltd.	358-360 Frankcom St., Ajax
Chocolate Products Ltd. & The Stubby Co.	335 Judson St., Toronto 18
Club Coffee Co. Ltd.	129 Rainside Road, Don Mills
Columbia Coffee & Tea Mfg. Co.	220 Pellat Ave., Weston
Confederated Foods of Canada, Limited	Delta
W. Cronfelt & Son Ltd.	Derby Rd., Crystal Beach
W.B. Cross Co.	360 Dufferin St., Toronto
D.C.A. Food Industries Ltd.	127 Dufferin St., Trenton
Dalton's (1834) Ltd.	227 Front St. E., Toronto
Daly Grange Teas, Ltd.	64 Dundas St., London
Dare Foods Ltd.	35 Torbarrie Rd., Downsview
Michael David & Co. (Canada) Ltd.	51 Advance Rd., Toronto
Delft Gelatine Canada Ltd.	43 Carrying Place Rd., Trenton
Diversified Research & Sales Ltd.	151 Belfield Rd., Rexdale
Dominion Malting (Ontario) Ltd.	369 Lake Shore Blvd., Toronto
Drew Chemical Ltd.	398 Boyley St., Ajax
G.S. Dunn & Company	80 Park St. N., Hamilton
First Spice Mfg. Corp. of Canada Ltd.	98 Tycoos Dr., Toronto
Foodcraft Laboratories Ltd.	260 Richmond St. E., Toronto
Food King Products of Canada Co.	R.R. No. 2, Trenton
General Foods, Ltd.	520 William St., Cobourg
General Mills (Cereals) Ltd.	1500 Martin Grove Rd., Rexdale, Toronto
Gibbons Foods Ltd.	49 Advance Rd., Toronto 9
Glenwood Products Limited	72 Duchess St., Toronto
Glidden Co. Ltd., The	261 E. Shepherd St., Windsor
Gold Medal Products Ltd.	21 Front St. E., Toronto
Gorman, Eckert & Co. Ltd.	316 Rectory St., London
Grant Products Ltd.	Barber Greene Rd., Don Mills
Griffith Laboratories Ltd., The	1019 Elliot W., Windsor
The Griffith Laboratories, Ltd.	757 Pharmacy, Scarboro
S. Gumpert Co. of Canada, Ltd.	31 Brock Ave., Toronto 3
W.T. Hawkins Ltd.	105 Pinnacle St., Belleville
R.R. Hayhoe & Co. Ltd.	1381 Castlefield Ave., Toronto
Hostess Food Products Ltd.	R.R. 2, Preston
Jack D. Enterprises Ltd.	14 Dickens St., Toronto
Jenkins' Foods	25 Macauley St. W., Hamilton
Kelly, M.R. Co. Ltd.	11 Cedar Ave., Hamilton
King, Chun of Canada Ltd.	1019 Elliot W., Windsor
Kingsmill Foods Ltd.	14 Dickens St., Toronto North York
Kingsway Chocolate Co. Ltd.	51 Advance Rd., Toronto 18
Kraft Foods Ltd.	62 Bartor Rd., N. York
Krim-Ko corp. of Canada Ltd.	1403 The Queensway, Toronto 14
Lever Potato Chips Co. Ltd.	Grote St., St. Catharines
D. Lipson & Son Ltd.	579 College St., Toronto 4
Thomas J. Lipton, Ltd.	2200 Yonge St., Toronto
Loma Linda Foods (Canada)	1156 King St. E., Oshawa
R.W. Lowe Co. Ltd.	1 Overend St., Toronto 2B
Joe Lowe Corporation	50 Torlake Crescent, Toronto
J. Lyons & Co. (Canada) Ltd.	1 Dorchester St., Toronto
MacDowell Bros.	5 Jessie St., Brockville
MacPeeters Creamery Ltd.	52 Jarvis St., Toronto
Mead Johnson of Canada Ltd.	133 Bleecker Ave. S., Belleville
Mina Food Products Ltd.	407 Dundas St. W., Toronto
Mojabo Coffee Co. Ltd.	500 Front St. W., Toronto
Monarch Fine Foods Ltd.	195 Belfield Rd., Rexdale
Mother Parker's Tea & Coffee Ltd.	1275 Castelfield Ave., Toronto
Nabob Foods (Kelly Douglas & Co.)	359 Station St., Ajax
Nestle (Canada) Ltd.	Main St., Chesterville
Nutriproducts Ltd.	173 Brock St. N., Whitby
The Ogilvie Flour Mills Co. Ltd.	Front St., Fort William
Ontario Honey Producers Co-op Ltd.	5 Defries St., Toronto
Ottens Mfg. Co.	3 Jarvis St., Toronto 2
Ovaltine Food Products, Wander Co. of Canada	Park & Lansdowne Sts., Peterborough
Pearl Produce Ltd.	367 Spadina Ave., Toronto
Pillsbury Canada Ltd.	King St., Midland
Pizzolati & Chittaro Mfg. Co. Ltd.	1838 Davenport Rd., Toronto
Potatocraft Limited	96 Rivalda Rd., Weston
Raymond's Nut Shops Ltd.	3065 King St. E., Kitchener
Rees, George E. Ltd.	263 Adelaide St. W., Toronto
Rich Products of Canada Ltd.	Queen Elizabeth Way, Fort Erie
Rock & Rye Sales	88 Craiglee Dr., Scarborough
Royal Beverage & Food Products Co.	58 Junction, Toronto 9
St. Lawrence Starch Co. Ltd.	141 Lakeshore Rd. E., Port Credit
Salada Foods Ltd.	24 Matilda St., Toronto
Sandra Instant Coffee Co. Ltd.	2530 Stanfield Rd., Dixie
Seeley & Co. (Canada) Ltd.	39 Densley Ave., Toronto
Short, J.R. Canadian Mills Ltd.	70 Wicksteed Ave., Leaside
Smith, J. Hungerford Co. Ltd.	110 Vulcan St., Rexdale
Stafford Foods Ltd.	37 Hanna Ave., Toronto
Standard Brands Ltd.	510 Waterloo Ave., Guelph
Standard Brands Ltd.	Ingersoll
Stange-Pemberton Ltd.	99 Advance Rd., Toronto 18
Sterling Coffee Co. Ltd., The	191 Golin St., Toronto
Stuart's Branded Coffed Ltd.	1941 Mattawa Ave., Cooksville
Sunshine Biscuits (Canada) Ltd.	195 Rexdale Ave., Rexdale
Sunshine Biscuits (Canada) Ltd.	3255 Wyandotte St. E., Windsor
Sunway Fruit Products Inc.	670 Caledonia Rd., Toronto
The W. & G. Teer Co.	4 Newsham St., Toronto

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
Ontario - Concluded:	
Tempo Fruit Products	75 Yorkminster, Toronto
Tenco Ltd.	144 Mills Rd., Ajax
Thomas Foods, Ltd.	2551 Wharton Glen Rd., Summerville
Tudor Products	308 MacKenzie, Atikokan
United Maple Products Ltd.	Main St., Delta
Ware Foods Ltd.	129 Mulberry St., Hamilton
Young-Winfield, Ltd.	89 Cannon St. W., Hamilton
Manitoba:	
Borden Co. Ltd, The	Salter & Jarvis Sts., Winnipeg
Brooke Bond Canada Ltd.	334 McDermot Ave., Winnipeg
Canada Maiting Co. Ltd.	1051 Coulter Ave., Winnipeg
Cressy, John R., Ltd.	Alton
Dominion Maiting Co. Ltd.	Transcona
Empire Spire Mills Ltd.	75 Martha St., Winnipeg
Escott, W.H. Co. Ltd.	129 McDermot Ave. E., Winnipeg
Food Materials Ltd.	533 Henry Ave., Winnipeg
E. Justin Hipwell Ltd.	405 1st Street, Neepawa
Irish Potato Chips Ltd.	Winkler
C. & J. Jones Limited	130 Portage Ave. E., Winnipeg 1
Joe Lowe Corporation	Salter & Jarvis Streets, Winnipeg
H.L. MacKinnon Co. Ltd.	81 Water St., Winnipeg
Manitoba Co-op. Honey Producers Ltd.	625 Roseberry St., Winnipeg
Mid West Produce Co., Ltd.	314 Logan Ave., Winnipeg
Northland Wild Rice Ltd.	660 Washington Ave., East Kildonan
Old Dutch Foods Ltd.	1700 Sargent Ave., Winnipeg
Tasty Sunflower Seeds	349 Alfred Ave., Winnipeg
J.W. Wade	Lac Du Bonnet
Saskatchewan:	
Gold-N-Crest Foods Ltd.	1575 Elliott St., Regina
Saskatchewan Honey Producers Co-op Marketing Ass. Ltd.	99th Ave., Tisdale
Sid's Sunflower Seeds Ltd.	1323 Lorne St., Regina
Alberta:	
Alberta Honey Producers Co-op Ltd.	10971-102 St., Edmonton
Canada Extract & Mfg. Co.	536 Fifth St., S.E. Medicine Hat
Canada Maiting Co. Ltd.	3420-15th St. S.E., Calgary
Pine Blend Coffee & Tea Ltd.	11306-107th. Ave., Edmonton
General Egg Products Ltd.	10517-107th. St., Edmonton
Murphy Laboratories (Western) Ltd.	245 Forge Rd. S.E., Calgary
Nalley's Ltd.	Brooks
Spudnuts of Canada Ltd.	216-35th St. N.E., Calgary
Standard Brands Ltd.	2201-15th St. E., Calgary
Vauxhall Starch Co. Ltd.	Box 382, Vauxhall
British Columbia:	
Brooke Bond Canada Ltd.	1043 W. Hastings St., Vancouver
The Canada Rice Mills Ltd.	1320 Montleth Road, Richmond
Canadian Soya Industries Ltd.	2131 Dundas St., Vancouver
Dickson Importing Co. Ltd.	157 W. Cordova St., Vancouver 3
Gold Medal Mfg. Ltd.	1130-34 Homer St., Vancouver
Grathan, F.C. Ltd.	420 East Pender St., Vancouver
Hodgson Bee Supplies Ltd.	7925-13th Ave., New Westminster
Hol'n One Donut Co. of B.C. Ltd.	5989 Fraser St., Vancouver 15
Interprovincial Co-operatives Ltd.	6595 Bonsor Ave. South Burnaby
Jimmy's Food Products	4295 Main St., Vancouver
Johnson's J.B. Coffee Co. Ltd.	4531 Main St., Vancouver 10
Kelly Douglas & Co. Ltd. (Nabob Foods Division)	Sussex Ave & Interurban, Burnaby
Kelly Douglas & Co. Ltd. (Nabob Foods Division)	3131 Lake City Way, Burnaby 3
Kersey's Foods Ltd.	2905 Douglas St., Victoria
Kraft Foods Ltd.	3003 Grandview Highway, Vancouver
Krispee Food Ltd.	210 Commercial Dr., Vancouver
Krusteaz of Canada Ltd.	2029 West 4th Ave., Vancouver
Langis Laboratories Ltd.	1356 E. Pender, Vancouver
Lyons, J. & Co. (Canada) Ltd.	954 Terminal Ave., Vancouver
Macdonald Consolidated Ltd., Coffee Dept.	901 Mainland St., Vancouver 3
McColls Fine Foods Ltd.	1485 Howe St., Vancouver 1
W.H. Malkin Ltd. (Manufacturing Div.)	57 Water St., Vancouver
Mission Cannery Ltd.	Broadway St., Mission City
Morell Pure Foods	1295 Frances St., Vancouver 6
Murphy Laboratories (Interior) Ltd.	525 Main St., Penticton
Nalley's Ltd.	1330 E. 66th. Ave., Vancouver
National Spice Ltd.	52 Powell St., Vancouver
A. Prem-Das	121 Keefer St., Vancouver
Raise-N-Bake Products Ltd.	South Fraser Way, Clearbrook
Roseland Mfg. Co.	Water St., Vancouver
Slocan Soya Co.	Slocan City
Thomas A. Steeves Ltd.	Annacis Island, New Westminster
Summerland Sweets Ltd.	R.R. 1, West Summerland
Super Potato Chips Ltd.	510 Main St., Penticton
Westminster Foods Ltd.	7851 Enterprise St. North Burnaby

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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