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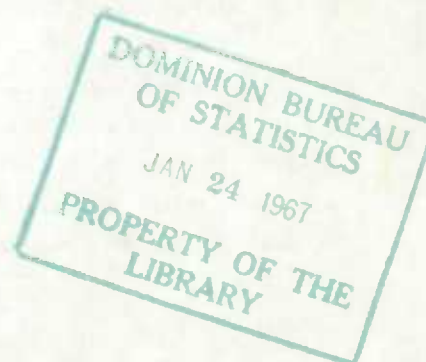
ANNUAL



CONFECTIONERY MANUFACTURERS

1964

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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 the 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. Implementation of both features has necessitated adjustments to the statistics.

SYMBOLS

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

.. figures not available.

... figures not appropriate or not applicable.

- nil or zero.

- amount too small to be expressed.

p preliminary figures.

r revised figures.

x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000			\$'000	
1961													
Totals	194	7,736	16,110	21,615	1,533	71,245	140,353	68,183	112	337	10,232	32,602	69,343
1962													
Totals	190	7,891	16,378	22,608	1,638	75,561	145,918	69,515	108	308	10,349	34,139	70,621
1963													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	7	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	4	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	55	2,005	3,965	5,875	497	24,992	46,413	21,404	29	106	2,612	9,012	21,841
Ontario	74	4,520	9,480	14,360	1,011	53,834	98,577	45,626	38	91	5,947	21,697	46,253
Manitoba	9	247	499	603	30	2,275	3,738	1,427	3	8	330	883	1,432
Saskatchewan	1	x	x	x	x	x	x	x	x	x	x	x	x
Alberta	5	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	26	195	403	632	60	2,329	3,880	1,495	9	17	306	985	1,651
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	181	7,630	16,123	23,336	1,713	87,639	161,863	74,703	93	258	10,267	35,444	75,944
1964													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	8	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	4	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	57	2,089	4,263	6,197	514	26,554	48,584	21,550	30	135	2,702	9,443	22,031
Ontario	68	4,419	9,125	14,764	1,066	55,850	106,475	49,582	33	92	5,907	22,525	50,827
Manitoba	8	246	498	636	34	2,390	3,755	1,360	x	x	345	944	1,363
Saskatchewan	2	-	-	-	x	x	x	x	x	x	x	x	x
Alberta	5	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	24	194	401	626	63	2,442	4,230	1,735	6	26	305	1,008	1,910
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	176	7,785	16,011	24,098	1,797	92,294	172,440	78,687	87	299	10,322	36,807	80,702

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	22	2	8	9	—	49	101	52	22	25	2	9	52
\$ 10,000 to \$ 24,999	43	43	93	116	3	344	741	394	35	96	52	145	401
25,000 " 49,999	22	42	87	111	17	369	737	351	24	73	55	147	365
50,000 " 99,999	13	65	130	177	21	488	953	445	5	19	79	226	453
100,000 " 199,999	17	160	318	410	44	1,418	2,437	955	6	39	226	624	1,173
200,000 " 499,999	18	473	967	1,079	121	3,099	6,290	3,042	1	6	711	1,796	3,310
500,000 " 999,999	16	484	1,042	1,380	108	6,857	10,892	3,977	—	—	608	2,053	4,090
1,000,000 " 4,999,999	20	2,597	5,332	7,093	490	25,293	43,793	19,054	—	—	3,076	9,793	19,555
5,000,000 and over	10	3,964	8,147	12,960	908	49,723	95,919	46,435	—	—	5,247	19,861	46,546
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	211	790	...
Totals	181	7,830	16,123	23,336	1,713	87,639	161,863	74,703	93	258	10,267	35,444	75,944
1964													
Under \$10,000	22	5	15	19	4	51	113	58	17	22	7	22	58
\$ 10,000 to \$ 24,999	29	22	54	71	11	232	504	261	24	74	27	88	290
25,000 " 49,999	26	45	100	126	21	393	834	419	32	109	56	156	435
50,000 " 99,999	15	71	144	191	25	674	1,155	457	5	23	92	287	512
100,000 " 199,999	16	120	246	333	37	1,314	2,255	903	7	54	153	505	1,097
200,000 " 499,999	22	544	1,134	1,346	128	3,596	7,224	3,525	1	7	829	2,180	4,008
500,000 " 999,999	16	447	943	1,308	122	6,308	10,997	4,583	1	9	567	1,981	4,683
1,000,000 " 4,999,999	18	2,036	4,268	6,022	465	20,684	37,242	16,068	—	—	2,447	8,255	16,826
5,000,000 and over	12	4,495	9,108	14,681	983	59,041	112,117	52,413	—	—	5,911	22,509	52,792
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	233	826	...
Totals	176	7,785	16,011	24,098	1,797	92,294	172,440	78,687	87	299	10,322	36,807	80,702

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	52	25	61	76	3	325	608	280	48	96	31	96	286
\$ 10,000 to \$ 24,999	35	64	130	166	18	449	979	513	35	103	76	202	528
25,000 " 49,999	21	132	263	339	39	1,218	1,991	737	7	48	171	482	882
50,000 " 99,999	11	169	339	418	36	1,478	2,334	808	3	12	218	551	802
100,000 " 199,999	17	378	800	939	92	3,955	6,705	2,642	—	—	535	1,639	2,887
200,000 " 499,999	19	648	1,341	1,811	248	10,324	14,941	5,497	—	—	938	2,988	6,082
500,000 " 999,999	9	1,122	2,320	2,887	189	9,309	16,174	6,774	—	—	1,280	3,712	6,963
1,000,000 " 4,999,999	12	2,733	5,516	7,651	445	27,769	53,694	25,189	—	—	3,360	11,071	25,080
5,000,000 and over	5	2,559	5,353	9,048	642	32,814	64,438	32,264	—	—	3,447	13,913	32,435
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	211	790	...
Totals	181	7,830	16,123	23,336	1,713	87,639	161,863	74,703	93	258	10,267	35,444	75,944
1964													
Under \$10,000	43	20	50	64	15	305	531	213	35	73	33	110	280
\$ 10,000 to \$ 24,999	35	54	123	161	26	472	1,025	526	40	138	63	189	549
25,000 " 49,999	19	102	206	275	32	989	1,650	630	6	46	122	354	640
50,000 " 99,999	13	117	239	308	33	1,497	2,401	868	5	33	106	516	978
100,000 " 199,999	22	505	1,066	1,275	121	4,906	8,429	3,398	—	—	680	2,057	4,219
200,000 " 499,999	17	561	1,168	1,675	248	8,828	14,200	5,105	1	9	861	2,863	5,497
500,000 " 999,999	9	1,128	2,440	3,196	215	8,821	15,903	6,647	—	—	1,302	4,033	6,858
1,000,000 " 4,999,999	13	2,578	5,204	7,705	471	30,530	58,425	27,875	—	—	3,221	11,277	28,018
5,000,000 and over	5	2,720	5,515	9,440	636	35,945	69,878	33,425	—	—	3,641	14,581	33,664
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	233	826	...
Totals	176	7,785	16,011	24,098	1,797	92,294	172,440	78,687	87	299	10,322	36,807	80,702

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				Value added
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of ship-ments of goods of own manu-facture	Value added	Working owners and partners		Employees		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			'000			'000		'000		
1963													
Under \$10,000	50	22	55	67	3	313	578	262	47	90	27	83	262
\$ 10,000 to \$ 24,999	36	64	130	167	18	448	980	514	33	102	76	205	525
25,000 " 49,999	17	89	172	227	28	771	1,350	551	8	41	111	290	570
50,000 " 99,999	16	215	435	539	49	1,937	3,004	1,009	5	25	282	753	1,140
100,000 " 199,999	14	317	667	808	61	2,957	5,144	2,115	—	—	398	1,216	2,215
200,000 " 499,999	21	695	1,448	1,904	270	10,240	15,114	5,727	—	—	1,056	3,297	6,118
500,000 " 999,999	10	1,136	2,347	2,926	198	10,391	17,562	7,071	—	—	1,299	3,826	7,599
1,000,000 " 4,999,999	12	2,733	5,516	7,651	445	27,769	53,694	25,189	—	—	3,360	11,071	25,080
5,000,000 and over	5	2,559	5,353	9,048	642	32,814	64,438	32,264	—	—	3,447	13,913	32,435
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	211	790	...
Totals	181	7,830	16,123	23,336	1,713	87,639	161,863	74,703	93	238	10,267	35,444	75,944
1964													
Under \$10,000	39	15	37	48	10	194	388	185	32	66	19	57	185
\$ 10,000 to \$ 24,999	37	55	126	164	27	486	1,042	528	40	138	65	195	581
25,000 " 49,999	20	105	213	285	33	1,000	1,680	648	9	52	125	364	669
50,000 " 99,999	12	93	191	248	31	1,368	2,152	751	5	33	138	437	813
100,000 " 199,999	19	428	896	1,069	81	3,156	5,957	2,742	—	—	539	1,581	2,919
200,000 " 499,999	20	614	1,293	1,804	274	9,468	15,243	5,413	1	9	871	3,059	5,919
500,000 " 999,999	11	1,177	2,535	3,336	236	10,147	17,676	7,120	—	—	1,470	4,430	7,953
1,000,000 " 4,999,999	13	2,578	5,204	7,705	471	30,530	58,425	27,875	—	—	3,221	11,277	28,018
5,000,000 and over	5	2,720	5,515	9,440	636	35,945	69,878	33,425	—	—	3,641	14,581	33,664
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	233	826	...
Totals	176	7,785	16,011	24,098	1,797	92,294	172,440	78,687	87	299	10,322	36,807	80,702

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

Size group	Estab-lish-ments	Manufacturing activity							Total activity				Value added
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of ship-ments of goods of own manu-facture	Value added	Working owners and partners		Employees		
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			'000			'000		'000		
1963													
Under 5 employed	84	75	163	207	19	724	1,505	761	76	180	89	252	779
5- 14 employed	31	196	397	510	54	1,914	3,256	1,292	17	79	245	690	1,387
15- 49 "	32	742	1,557	2,012	191	10,550	17,178	6,410	—	—	988	3,218	7,071
50- 99 "	10	572	1,185	1,470	127	6,573	10,670	4,045	—	—	707	2,022	4,157
100-199 "	11	1,132	2,240	3,554	336	16,522	31,166	15,068	—	—	1,566	5,681	15,083
200-499 "	8	2,103	4,307	5,861	309	18,054	34,458	16,443	—	—	2,538	8,106	16,545
500 employed and over	5	3,010	6,274	9,722	677	33,303	63,610	30,685	—	—	3,923	14,686	30,923
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	211	790	...
Totals	181	7,830	16,123	23,336	1,713	87,639	161,863	74,703	93	258	10,267	35,444	75,944
1964													
Under 5 employed	76	65	156	202	38	764	1,606	805	66	183	80	277	838
5- 14 employed	33	195	397	527	57	2,039	3,634	1,491	20	107	243	720	1,596
15- 49 "	33	738	1,547	2,039	203	10,539	17,535	6,850	—	—	979	3,336	7,749
50- 99 "	11	619	1,321	1,817	168	9,815	16,090	6,003	1	9	791	2,576	6,105
100-199 "	9	935	1,915	3,121	311	12,909	26,887	13,949	—	—	1,334	4,946	14,151
200-499 "	9	2,096	4,321	6,335	353	19,179	38,194	18,521	—	—	2,578	8,860	18,919
500 employed and over	5	3,137	6,355	10,056	666	37,049	68,494	31,069	—	—	4,064	15,266	31,344
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	233	826	...
Totals	176	7,785	16,011	24,098	1,797	92,294	172,440	78,687	87	299	10,322	36,807	80,702

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	60	69	156	200	16	710	1,332	606	58	148	74	222	616
Partnerships	18	42	82	105	14	426	791	351	35	111	47	125	361
Incorporated companies	103	7,719	15,885	23,032	1,683	86,503	159,740	73,747	...	...	9,935	34,308	74,967
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	211	790	...
Totals	181	7,830	16,123	23,336	1,713	87,639	161,863	74,703	93	258	10,267	35,444	75,944
1964													
Individual ownerships	56	70	159	214	32	760	1,437	646	54	160	75	237	665
Partnerships	17	113	269	298	26	839	1,655	789	33	139	131	370	614
Incorporated companies	103	7,602	15,583	23,587	1,739	90,894	169,348	77,252	...	...	9,883	35,374	79,223
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	233	826	...
Totals	176	7,785	16,011	24,098	1,797	92,294	172,440	78,687	87	299	10,322	36,807	80,702

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	161,863	172,440	8,091	10,349	169,954	182,789
Inventories - Goods of own manufacture:						
Add closing - Goods in process	3,163	3,683	...	...	3,163	3,683
Finished goods	10,258	10,176	...	...	10,258	10,176
Deduct opening - Goods in process	2,703	3,178	...	...	2,703	3,178
Finished goods	8,526	10,344	...	...	8,526	10,344
2. Net inventory change	2,192	337	...	...	2,192	337
3. Gross output (1 + 2)	164,055	172,777	8,091	10,349	172,146	183,126
Input						
4. Purchases of goods not of own manufacture .....	...	...	6,272	7,892	6,272	7,892
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	1,072	1,192	1,072	1,192
Deduct closing .....	...	...	1,172	1,448	1,172	1,448
5. Cost of goods sold (not of own manufacture) .....	...	...	6,172	7,636	6,172	7,636
6. Materials, supplies, etc.	87,639	92,294	677	698	88,316	92,992
7. Fuel and electricity	1,713	1,797	...	...	1,713	1,797
8. Gross input (5 + 6 + 7)	89,352	94,091	6,849	8,334	96,201	102,425
Value added (3 - 8)	74,703	78,687	1,241	2,015	75,944	80,702

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	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Quebec	953	1,052	5	-	228	142	187	47	1,371	1,241	5,875	17	2,059	1,061	9,012
Ontario	1,995	2,525	-	4	358	344	580	143	2,931	3,016	14,360	11	3,879	3,447	21,697
Manitoba	74	173	-	-	11	11	50	11	135	195	603	-	94	166	883
Saskatchewan	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Alberta	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
British Columbia	72	123	-	-	28	19	19	45	119	187	632	-	193	160	985
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	3,371	4,459	5	4	709	568	899	252	4,984	5,283	23,336	28	6,860	5,221	35,444
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Quebec	996	1,093	3	-	222	144	201	43	1,422	1,280	6,197	9	2,116	1,120	9,443
Ontario	2,002	2,417	-	3	349	374	581	181	2,932	2,975	14,764	9	4,075	3,677	22,525
Manitoba	77	169	-	-	12	15	66	6	155	190	636	-	116	191	944
Saskatchewan	-	-	-	-	x	-	-	-	x	-	-	-	x	-	x
Alberta	x	x	-	-	-	x	x	x	x	x	x	-	x	x	x
British Columbia	58	136	-	-	25	20	21	45	104	201	628	-	202	178	1,008
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	3,393	4,392	3	3	686	601	960	284	5,042	5,280	24,098	18	7,099	5,591	36,807

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	3,206	4,249	3,187	4,249
February	3,189	4,341	3,167	4,029
March	3,189	4,033	3,062	3,597
April	3,082	3,744	3,012	3,561
May	3,062	3,565	3,017	3,501
June	3,180	3,712	3,158	3,652
July	2,747	3,369	3,145	3,683
August	3,447	4,578	3,439	4,698
September	3,597	5,148	3,847	5,157
October	3,510	5,258	3,613	5,140
November	3,410	5,087	3,495	5,048
December	3,164	4,241	3,292	4,238
Averages	3,232	4,277	3,273	4,207
Establishments reporting annual averages (small establishments only)	139	182	120	185
Average for all establishments	3,371	4,459	3,393	4,392

TABLE 10. Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	x	x	x	x	x	x
New Brunswick	x	x	x	x	x	x
Quebec	6,365	1,077	3,279	10,722	524	11,246
Ontario	10,497	1,666	6,105	18,267	619	18,886
Manitoba	241	80	121	423	7	429
Saskatchewan	x	-	-	x	-	x
Alberta	x	-	-	x	-	x
British Columbia	495	8	157	660	5	666
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	18,442	3,178	10,344	31,963	1,192	33,156
Closing:						
Newfoundland	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	x	x	x	x	x	x
New Brunswick	x	x	x	x	x	x
Quebec	5,769	1,387	3,003	10,159	509	10,668
Ontario	10,134	1,874	5,919	17,927	898	18,825
Manitoba	290	50	160	501	7	508
Saskatchewan	x	-	-	x	-	x
Alberta	x	-	-	x	-	x
British Columbia	571	17	157	745	2	747
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	17,513	3,683	10,176	31,372	1,448	32,820

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	791	633	10
(b) Imported	"	8,510	8,259	97
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	-	-	-
Lignite coal	"	832	440	3
Coke	"	127	161	3
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	405,937	448,045	169
Fuel oil including kerosene or coal oil	"	5,218,353	4,195,231	341
Wood	cord	26	60	1
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	26,539	31,551	9
(b) Other manufactured gas	M cu. ft.	-	-	-
(c) Natural gas	"	270,075	305,113	202
Other fuel .....		...	...	-
Electricity purchased	kwh.	81,808,392	86,316,791	853
Steam purchased .....		...	...	-
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....		...	...	109
3. All establishments:				
Total fuel and electricity used .....		...	...	1,797

TABLE 12. Materials and Supplies - Manufacturing Activity, 1963 and 1964

Description	1963		1964	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Butter	lb. 1,535,040	809	2,483,248	1,371
Cacao beans	" 36,108,018	9,128	36,679,663	9,823
Cacao cake	" 543,948	46	1,394,508	79
Chicle and chicle substitute	" 3,046,688	1,462	3,184,360	1,605
Chocolate, sweetened, dark and light	" 6,201,489	2,179	5,371,147	1,796
Cocoa powder, unsweetened	" 1,194,965	253	746,053	230
Cocoa and chocolate preparations, n.o.p.	" 5,507,920	1,197	5,268,616	1,058
Cocoa butter	" 13,066,496	7,665	11,955,096	7,198
Cocoa butter substitute	" 1,755,752	353	1,475,991	299
Coconut shredded	" 2,026,202	412	2,526,454	516
Cooking oils:				
(a) Vegetable	" 2,197,954	429	2,598,910	555
(b) Other	" 794,457	183	625,169	154
Corn for popping	" 1,732,852	127	1,614,093	127
Cream	lb. b.f. 249,462	202	167,217	178
Eggs, in shell	doz. 13,890	5	17,300	6
Eggs, frozen or liquid	lb. 24,703	7	40,060	8
Egg powder, (dried yolks, albumen, etc.)	" 113,819	147	102,943	154
Extracts, essences, etc. ....	...	1,493	...	1,679
Flour:				
(a) Hard wheat (bread flour)	cwt. 47,069	238	36,340	180
(b) Soft wheat (cake flour)	" 15,387	77	16,535	84
Fruits:				
(a) Fresh or dried	lb. 1,737,715	482	1,739,492	505
(b) Jams, jellies and marmalades	" 172,676	49	165,739	52
(c) Preserved and canned, other	" 1,300,089	375	607,646	347
Gelatin	" 230,448	175	221,969	140
Glucose	" 48,915,499	3,693	50,895,102	4,086
Lecithin	" 90,282	15	49,321	7
Milk, condensed	" 20,620,167	2,844	21,615,886	3,200
Milk, fresh and skim .....	...	437	...	421
Milk, powdered	lb. 4,924,817	1,031	6,405,884	1,327
Molasses	" 2,384,689	68	119,953	4
Nuts (walnuts, almonds, pecans, etc.)	" 8,541,297	4,741	9,696,457	5,036
Peanuts:				
(a) Green	" 25,392,979	3,522	33,243,750	4,594
(b) Roasted	" 8,340,927	1,372	1,147,585	221
Salt	" 529,530	15	149,300	4
Shortening	" 571,473	117	825,551	198
Sodium bicarbonate (baking soda)	" 8,679	-	-	-
Starch:				
(a) Corn	" 2,116,208	179	2,131,269	187
(b) Moulding	" 1,205,909	98	1,313,160	112
(c) Other	" 575,386	53	513,160	49
Sugar:				
(a) Cane and beet	" 137,698,808	15,098	142,060,590	16,987
(b) Corn and dextrose	" 2,557,601	274	5,141,794	561
(c) Invert	" 2,457,541	268	1,948,332	224
All other materials and components used ¹ .....	...	5,571	...	5,908
2. Containers and other packaging materials and supplies used				
3. Operating, maintenance and repair supplies used (excluding fuel)				
4. Amount paid out to others for work done on materials owned by establishments				
Totals .....	...	87,639	...	92,294

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$2,586,180 in 1963 and \$2,767,138 in 1964.

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

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Chewing gum:				
2¢ and under	17,479,294	14,741	20,374,813	16,867
Over 2¢				
Cocoa powders	1	1	1	1
Cocoa butter	1	1	1	1
Cooking chocolate	1	1	1	1
Coatings:				
Dark chocolate	5,399,827	1,843	5,882,832	2,210
Light chocolate	4,235,670	1,478	7,641,254	2,627
Ice cream chocolate	1	1	1	1
Synthetic chocolate	1	1	1	1
Chocolate confectionery:				
Solid	39,310,163	24,351	36,306,852	23,808
Coated	1	1	1	1
Chocolates boxed	1	1	1	1
Chocolate bulk; solid and coated (2 lb. and over)	1	1	1	1
Total chocolate confectionery	130,639,284	79,327	130,296,502	81,384
Confectionery, sugar:				
Units - 50¢ and under per unit	1	1	1	1
Packaged - Over 50¢ per unit	1	1	1	1
Bulk - Over 50¢ per unit	1	1	1	1
Total sugar confectionery	87,679,609	29,961	92,305,911	31,618
Marshmallows	1	1	1	1
Penny goods	12,631,607	3,915 ^f	17,441,781	5,119
Seasonal novelties	3,898,058	3,090	5,541,182	3,945
Nuts:				
Peanuts; roasted, salted, etc.	17,587,163	6,165	18,462,823	7,073
Other nuts; roasted, salted, etc.	6,728,795	5,271	7,679,470	4,735
Biscuits; plain and fancy	1	1	1	1
Bread	1	1	1	1
Other fresh bakery products, n.e.s.	-	-	-	-
Food drink powders	1	1	1	1
Fountain fruits, syrups and toppings	1	1	1	1
Ice cream	1	1	-	-
Peanut butter	2,453,913	757	3,059,563	851
Popcorn and popcorn confectionery	3,726,881	1,697	3,461,751	1,762
Potato chips, flakes, frills, etc.	-	-	-	-
All other products shipped .....	...	100,361 ^f	...	110,391
2. Amount received in payment for work done on materials and products owned by others...	...	357	...	87
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(6,163)	...	(7,033)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	161,863	...	172,440

^f Confidential. Included in "All other products shipped."

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)

Description	1963		1964 ^P	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
Chewing gum:				
2¢ and under	17,479,294	14,741	20,374,813	16,867
Over 2¢				
Cocoa powder for sale	9,725,682	3,488	9,214,105	3,581
Cocoa butter	1	1	1	1
Cooking chocolate	1	1	1	1
Coatings:				
Dark chocolate	6,193,569	2,043	7,944,922	2,705
Light chocolate	4,235,670	1,478	7,641,254	2,627
Ice cream chocolate	1	1	1	1
Synthetic chocolate	1,507,201	341	1	1
Chocolate confectionery:				
Solid	39,310,163	24,351	36,306,852	23,808
Coated	55,667,222	29,899	57,127,688	30,201
Chocolates boxed	20,705,679	16,892	21,842,632	19,177
Chocolate bulk: solid and coated—(Over 50¢ per unit)	15,372,997	8,404	15,380,674	8,407
Total chocolate confectionery	131,056,061	79,546	130,657,846	81,593
Confectionery, sugar:				
Units—50¢ and under per unit	1	1	1	1
Packaged—Over 50¢ per unit	1	1	1	1
Bulk—Over 50¢ per unit	1	1	1	1
Total sugar confectionery	94,573,747	32,262	100,373,274	34,452
Marshmallows	9,819,267	7,849	9,163,088	3,102
Penny goods	12,631,607	3,915	17,441,781	5,119
Seasonal novelties	3,898,058	3,090	5,541,162	3,945
Food drink powders	18,889,163	8,719	18,123,566	8,956
Popcorn confectionery	6,034,830	2,951	5,900,000	2,800
Nuts:				
Peanuts roasted, salted etc.	22,733,608	8,012	24,796,118	9,538
Other nuts roasted, salted, etc.	8,323,433	6,601	9,417,533	6,170

¹ Confidential.

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
Nova Scotia:	
Demetre James E.	Springhill
MacDonald, C.N.	Mount Denson
Melansons, Louis A., Co.	Church Point
Moirs Limited	128 Argyle St., Halifax
Porter's Candy	Hebron
Robertson, W.C.	22 King Street, Truro
Vihos Chocolate Bunnies	46 Maple Ave., Glace Bay
Yeaton's Candy Ltd.	Station St., Hantsport
New Brunswick:	
Ganong Brothers Limited	Water St., St. Stephen
Kennedy Bros Sugar Bowl	Woodlake St., St. Martin
La Salle Confections Ltd.	Queen St., Shediac
Leblanc G.O.	Buctouche
Quebec:	
Allen-Crawford Ltd.	3187 St. James St. W., Montreal
Arvaisis Gerard	Louiseville
Bedard & Donaldson Ltée	44 Industrielle St., Breakeyville
Bélanger, L.H. & Cie, Ltée	591 Ash Ave., Montreal
Berthierville Candy	R.R. No. 1, Berthierville
Best Candy Reg'd	4583 Breboeuf St., Montreal
Bonbons Belvedair Candies Enr.	St-Pascal-de-Kamouraska
Bonbons Denis Enr.	203, Ave. Proulx, St-Hyacinthe
Bonbons Guay Candies Ltd.	970 Jean Talon East, Montreal
Bonbons Idéal	Roxton Falls
Bonbons Ithaca Inc.	Ste-Foy
Bonbons Jacalin Enr.	2449 rue Orpheinat, Giffard
Canadian Spice Mills	1289, rue Borne, Québec
Caramella Candy Mfg. Co.	412 McGill St., Montreal
Chocolat François Ltée	1499, rue McGill, Jacques-Cartier
Chocolat Havana Enr.	Loretteville

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Quebec—Concluded:	
Chocolats, G.H. Enr.	1880, rue de La Bastille, Québec
Confiserie, Hébert	938 Duluth St., Montreal
Dagenais & Frères	2191, rue Beaudoin, Montréal
Diana Candy Manufacturers	6744 (Rear) St. Vallier St., Montreal
Entreprises Boivin Enr.	380½, ave. Tachereau, Québec
Expert Candy Co.	3615 Industrial Blvd., Montreal North
Fournier & Frère	616 St-Vallier St. West, Quebec
Gagnon, Guy	Bic., Rimouski Co.
General Foods Limited	795 - 90th Ave., La Salle
Henry & Sons Inc.	54, 3ième Ave., Montmagny
Kost Confectionery	112 Eddy St., Hull
Krispy Kernels (Canada) Ltd.	550 Marie-de-l'Incarnation, Québec
Lalumière & Frère	2229, rue St. Catherine-Est, Montreal
Laurentide Candies	St-Lin-des-Laurentides
Leeds Candy Corp.	500 Port Royal Ave., Montreal
Lowney, Walter M., Company Limited	1 Lowney Ave., Sherbrooke
Madeleine Enr.	Grand-Mère
Mickey Popcorn Enr.	534 Forest, Joliette
Modern Popcorn Mfg. Co.	3174 Ontario St. E., Montreal
National Dried Fruit Co. Ltd.	3500 Industrial Blvd., Montreal North
National Licorice Company	4211 Rouen Street, Montreal
Nouveautés en Chocolat au Lait Enr.	2321, rue Jean-Talon-Est, Montreal 35
Original Turkish Delight (1962) Ltd.	5818 St. Lawrence Blvd., Montreal
Paramount Candy Ltd.	2159 Valois St., Montreal
Parisiana Pop Corn Regd.	1258, rue Ste-Catherine E., Montreal
Park Ave. Chocolate Co.	5427 Park Ave., Montréal
Penny, Jane Candy Ltd.	2165 Madison Ave., Montreal
Pépin & St-Germain Ltée	4058 Parthenais St., Montreal
Pomedica Ltd.	2165 Madison Ave., Montreal 28
Produits Laurentiens Enr.	Notre-Dame-des-Laurentides
Quebec Popcorn Inc.	571 St-Bernard St., Quebec
Regent Chocolate Ltd.	2950 Nelson St., St. Hyacinthe
Rito Mints Ltd.	1055 Lavendrye St., Trois-Rivières
St. Lawrence Candy Co.	5190 Henri Julien St., Montreal
Splendid Chocolates	5392 Park Ave., Montreal
Stilwell's Homade Candies Reg'd.	5123 Wellington, Verdun
Three Star Candy Co.	10053 Paris St., Montreal North
Vaillancourt Limitée	1691 Dorion Street, Montreal
Verdon, D. Limité	480, rue Caron, Québec
World Wide Gum Co Limited	175 Park Avenue, Granby
Zakaib, George & Sons Ltd.	9151 St. Lawrence Blvd., Montreal
Ontario:	
Adams Brands Ltd.	40 Bertrand Ave., Scarborough
Allan Candy Co. Limited, The	356 Emerald St. North, Hamilton
Arlene Sweets	R.R. No. 1, Islington
Armitage Candy Co.	859 Landsdowne Ave. Toronto
Atlas Candy Mfrs.	832 Dovercourt Rd., Toronto
Balmer, H.B. Limited	22 Geary Avenue, Toronto
Beaver Specialty Limited	20 Spadina Ave., Toronto
Be-Bel Nut Shop	214 A King St. W., Chatham
Brown, Olin, Candies	88 Wellington St., Stratford
Ca-Ko Cake Decorations	1043 Weston Rd., Toronto
Ce De Candy Co.	910 Queen St. W., Toronto
Confettificio Sorrento Mfg. Co.	95 Penn Drive, Weston
Cook Chocolate Canada Ltd.	36 Saskatoon St., Campbellford
Coyles Products Ltd.	260 Tilson Ave., Tillsonburg
Crystal Toffee Co.	204 King St. E., Toronto
Dairy Mald Chocolates Ltd.	143 Tycoos Drive, Toronto
Dare Foods Ltd.	84 Jackson St. East, Hamilton
Dominion Candy Co.	64 Colville Rd., Toronto
Eddie's Home Made Candy	356 Elgin St., Ottawa
Fleer Limited	115 Scarsdale Rd., Don Mills
Gelman, Ben	283 Dalhousie St., Ottawa
Glendale Candy Co.	Peter St., Bothwell
Henrietta Candies	180 David St., Kitchener
Hershey Chocolate of Canada Ltd.	Smith Falls
Horncastles's Candies	21 Walnut N., Hamilton
Jemo Candy Co.	25 Nielson St., St. Catharines
Johnson's Candy	719 Peel St., Woodstock
Kempert's Chocolates	Victoria St., New Hamburg
Kerr Brothers Ltd.	30 Zorra St., Toronto
Krispack Limited	358 Dufferin St., Toronto
Laing & Sons Ltd.	169 King William St., Hamilton
Laura Secord Candy Shops Ltd.	60 Bathurst St., Toronto
Leaf Confections Ltd.	Scarborough
Lieberman's Splendid Chocolates	1274 Eglinton Ave. W., Toronto
Life Savers Limited	100 Cumberland Ave., Hamilton
McCormick's Limited	1156 Dundas Street East, London
Malanco Licorice Co. Ltd.	80 Shaw St., Hamilton
Manning Brothers Limited	28 Mill St., Orangeville
Mayfair Confections	598 The Queensway, Toronto
Maynards (Canada) Ltd.	1 Scarsdale Rd., Don Mills
Mays Candies	260 King St. W., Chatham
Neilson, William, Limited	277 Gladstone Ave., Toronto
Niagara Falls Candies Ltd.	Clifton Gate House, Niagara Falls
North American Candy Ltd.	127 Loretta St., Ottawa
Olsen, R.H. & Co.	21 Union St., Brockville
O-Pee-Chee Company Limited	430 Adelaide Street, London
Pet Milk Canada Ltd.	389 College St., Toronto
Planter's Nut & Chocolate Co. Ltd.	672 Dupont St., Toronto

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
Ontario - Concluded:	
Purily Popcorn Co. Limited	15 Canmotor Ave., Toronto
Red Sport Nut Co. Ltd., The	25 Jarvis St., Toronto 1
Rhem Candy Co.	1146 Guelph Line, Burlington
Richie's Candies	847 Lake Shore Road, New Toronto
Robinson, Ernest G. Ltd.	Scarborough
Rowntree Company Limited,	72 Sterling Road, Toronto
Ryan's Candy Co.	725 Dupont Street, Toronto
Scheider's Reliable Sweets	Main St., Rockwood
Severn's Bakery	53 King St. E., Bowmanville
Smiles'n Chuckles Limited	162 Weber St. E., Kitchener
Super Puff't Popcorn Ltd.	85 Duke St., Toronto
Tilbest Food Ltd.	372 Wharncliffe Rd., S., London
Toronto Toffee Company	354 King St. W., Toronto
Universal Confectionery Ltd.	158 Spruce St., Ottawa
Uptown Nut Shop	806½ Yonge St., Toronto
Vair's Candies	323 Talbot St., St. Thomas
Walkers Candies	574 Goyeau Street, Windsor
Wander Co. of Canada Ltd., The	1220 Birchmount Rd., Scarborough
Watson Robert Company Limited,	363 Sorauren Avenue, Toronto
Weston, George, Ltd.	30-38 Colborne St., Brantford
Willards Chocolate Company Limited	443 Wellington Street W., Toronto
Wrigley, Wm. Jr. Co. Limited	1123 Leslie St., Don Mills
Manitoba:	
Bond & Ronald Ltd.	1500 King Edward St., Winnipeg
Consolidated Candy Mfg. Co. Ltd.	932 Sherbrooke St., Winnipeg
Galpern, L. Candy Company	Rorie & McDermott Sts., Winnipeg
House of Sweets Ltd.	260 Dufferin Ave., Winnipeg
Johnson Nut Company	620 Nairn Ave., Winnipeg
Progress Candy 1963 Ltd.	209 Jarvis Avenue, Winnipeg
Rory's Concessions & Supply	1440 Erin St., Winnipeg
Weinshenker, B. and Sons Candy Company	401 Flora Avenue, Winnipeg
Saskatchewan:	
Cutmore, J.G.	19 Block, Hamilton Street, Regina
Wenuts Limited	Box 6058, Weyburn
Alberta:	
Bridgeman's Chocolate Shop	1217 1st St. W., Calgary
Commercial Candy Works	809A Second Ave. E., Calgary
Olivier, G.F.	1005A First St. W., Calgary
Pavey Candies Ltd.	8232 - 103rd St., Edmonton
Severns Popcorn Co.	924-6th Ave. W., Calgary
British Columbia:	
Burbank Candies Ltd.	2010 West 10th Ave., Vancouver
Debrett Limited	234 E 14th Ave., Vancouver
Grant's Candies Ltd.	1836 E. Hastings St., Vancouver
Honeyland Candies	2005 Victoria Dr., Vancouver
Irving's Good Candies Ltd.	3770 W. 10th Ave., Vancouver
Jill Cookies Ltd.	1751 Boundary Road, Vancouver
Kelly Douglas & Co. Ltd.	1106 Mainland St., Vancouver
Lee's Candies	4363 W. 10th Ave., Vancouver
Manning Candy Products Ltd.	302 McKenzie Ave., Revelstoke
Mathews Candy Ltd.	1685 West 5th Ave., Vancouver
McKillop Candy Co.	1520 Venables St., Vancouver
Nom Wah	216 Powell St., Vancouver
Nut House, The	234 East 14th Ave., Vancouver 10
Park Lane Confections	2525 Stephens St., Vancouver
Pine Tree Nut Co. Ltd.	1074 Hamilton, Vancouver
Purdy, R.C. Chocolates (1963) Ltd.	674 Seymour St., Vancouver 2
Roger's Chocolates	913 Government Street, Victoria
Seaforth Candy Co. Ltd.	2954 Commercial Drive, Vancouver
Shaw's Candies Ltd.	Kelowna
Sikorski, P. and Son	6462 Main St., Vancouver
Sinclair Brothers Ltd.	310 Cordova Street, W., Vancouver
Stevenson's Chocolates	725 Yates Street, Victoria
Victoria Confections	859 Viewfield Rd., Victoria
Welch's Limited	779 Burrard St., Vancouver

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



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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".