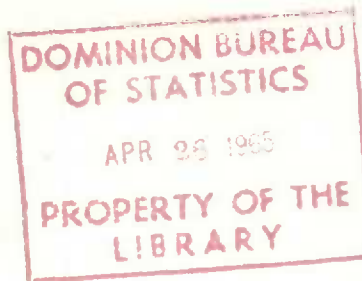


CATALOGUE No. 3

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SOFT DRINK MANUFACTURERS 1962

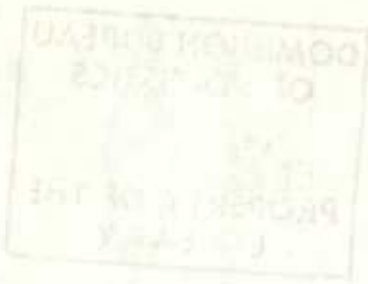
ANNUAL CENSUS
OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

April 1965
6521-516

Price: 50 cents



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.
- ▾ preliminary figures.
- revised figures.

SOFT DRINK MANUFACTURERS

1962

Tabular presentations of statistical data in this publication show more details than were contained in previous catalogues for this industry. Basically the information has been expanded to reflect **total activity** of the establishments, whereas in previous years the data published represented the manufacturing operations. For explanation of definitions and tabular details, please refer to table footnotes and also the Explanatory Notes on the pages following Table 9.

Soft Drink Manufacturers perform two distinct industrial operations, viz., the manufacture of syrups or concentrates for use in making soft drinks, and bottling operations where the syrups or concentrates are combined with carbon dioxide gas and water then bottled for distribution. Firms in this industry may carry on these operations in varying degrees, although the greater number of plants are bottlers only, and are usually located in urban areas where distribution presents fewer problems.

Distribution by Form Size Compiled for Soft Drink Manufacturers, 1962

Establishments using	Number of establishments	Percentage of total number of establishments	Value of shipments	Percentage of total value of shipments
			\$'000	
Short forms	239	47.2	18,283	10.1
Long forms	267	52.8	161,982	89.9
Totals	506	100.0	180,265	100.0

TABLE 1. Principal Statistics - Manufacturing Activity, 1957-61
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year	Estab-lish-ments	Employees						Cost of fuel and elec-tricity ⁴	Cost of materials and supplies used ⁴	Value of shipments of goods of own manu-facture ⁴	Value added ⁴
		Production and related workers ⁴		Administrative and office employees ²		Total ⁴					
		Number	Wages	Number	Salaries	Number	Salaries and wages				
No.		\$'000		\$'000			\$'000				
1957	534	5,223	13,557	2,585	11,008	7,808	24,565	3,778	45,489	138,915	..
1958	535	4,997	13,975	2,546	11,709	7,543	25,684	3,805	45,157	150,195	101,341
1959	521	5,016	15,189	2,679	12,567	7,695	27,736	4,027	47,261	160,271	109,294
1960	512	5,075	16,049	2,776	13,392	7,851	29,441	4,187	49,554	164,277	110,631
1961	502	5,074	16,150	2,766	13,616	7,840	29,766	4,381	52,871	172,647	116,068

See footnotes following Table 3 A.

TABLE 1 A. Principal Statistics - Manufacturing Activity and Total Activity, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec-tricity ⁵	Cost of materials and supplies used ⁴	Value of shipments of goods of own manu-facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000			\$'000		
1961													
Newfoundland	11	174	341	378	112	1,293	3,580	2,132	-	-	290	830	3,159
Prince Edward Island	4	23	55	55	21	198	581	365	8	24	44	119	360
Nova Scotia	25	180	416	458	161	1,708	5,539	3,689					
New Brunswick	21	148	342	348	159	1,210	3,568	2,204	7	32	320	968	2,142
Quebec	171	1,886	4,294	6,060	1,465	20,288	70,895	49,182	62	303	4,901	17,897	49,860
Ontario	162	1,767	3,900	5,952	1,485	17,913	57,560	38,780	68	284	4,645	18,742	39,115
Manitoba	19	222	502	714	208	2,790	7,953	4,951	9	49	588	2,161	5,161
Saskatchewan	27	193	417	578	241	2,077	5,892	3,584					
Alberta	26	240	519	770	277	2,709	8,415	5,432	5	24	633	2,288	5,452
British Columbia, Yukon and Northwest Territories	36	262	551	836	253	2,685	8,714	5,800	3	5	665	2,626	5,924
Totals	302	5,095	11,338	16,150	4,381	52,871	172,697	116,118	162	721	12,961	48,510	117,460
1962													
Newfoundland	11	134	267	291	76	1,123	3,329	2,128	-	-	240	621	2,264
Prince Edward Island	5	20	46	46	17	205	610	393	5	17	46	130	394
Nova Scotia	26	185	414	474	167	1,915	5,833	3,748					
New Brunswick	21	159	365	409	175	1,408	3,979	2,398	7	70	387	1,188	2,377
Quebec	176	1,975	4,412	6,437	1,604	21,580	74,580	51,419	73	416	5,142	19,119	51,910
Ontario	161	1,854	4,071	6,328	1,563	19,026	60,760	40,273	65	311	4,770	19,597	40,599
Manitoba	19	216	456	673	233	2,777	7,842	4,843	4	10	601	2,167	5,030
Saskatchewan	25	181	394	570	243	2,047	5,900	3,627	8	48	429	1,491	3,617
Alberta	25	259	557	806	280	2,779	8,158	5,113	3	15	859	2,450	5,128
British Columbia, Yukon and Northwest Territories	37	269	574	901	310	3,124	9,272	5,815	5	16	657	2,738	5,963
Totals	506	5,252	11,555	16,936	4,668	55,985	180,265	119,759	170	902	13,361	50,917	121,072

See Table 2 and footnotes following Table 3 A.

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies used ⁴	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1961													
Under \$10,000	20	10	18	17	7	40	128	80	15	23	16	23	88
\$ 10,000 to \$ 24,999	22	27	47	52	15	128	388	244	17	43	41	78	243
25,000 "	37	91	183	200	58	537	1,389	798	21	62	138	316	811
50,000 "	93	319	728	794	310	2,565	6,959	4,083	56	242	600	1,638	4,139
100,000 "	129	766	1,688	1,867	777	6,955	18,840	11,126	43	226	1,677	4,984	11,218
200,000 "	141	1,421	3,185	4,015	1,395	14,728	43,272	27,187	10	126	3,532	12,241	27,511
500,000 "	28	540	1,182	1,710	425	6,360	18,894	12,103	-	-	1,343	5,152	12,274
1,000,000 " 4,999,999	32	1,921	4,308	7,495	1,394	21,557	82,827	60,497	-	-	5,347	22,428	61,302
5,000,000 and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	269	1,651	(125)
Totals	502	5,095	11,338	16,150	4,381	52,871	172,697	116,118	162	721	12,961	48,510	117,460
1962													
Under \$10,000	20	4	6	6	4	29	97	63	17	22	11	17	65
\$ 10,000 to \$ 24,999	28	38	69	75	27	173	496	292	21	55	72	133	322
25,000 "	33	84	159	169	48	458	1,222	716	22	70	124	283	737
50,000 "	95	397	853	928	305	2,717	7,222	4,164	58	292	710	1,909	4,273
100,000 "	120	738	1,652	1,878	810	6,697	17,885	10,395	42	282	1,618	4,921	10,524
200,000 "	145	1,439	3,137	4,134	1,483	15,715	45,127	27,973	10	181	3,521	12,515	28,489
500,000 "	34	685	1,520	2,203	542	8,465	23,141	14,170					
1,000,000 " 4,999,999	31	1,867	4,158	7,543	1,450	21,730	85,074	61,986	-	-	5,415	23,066	62,457
5,000,000 and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	239	1,484	(132)
Totals	506	5,252	11,555	16,936	4,668	55,985	180,265	119,759	170	902	13,361	50,917	121,072

See footnotes following Table 3 A.

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies used ⁴	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1961													
Under \$10,000	28	17	27	30	11	80	233	140	21	38	25	39	146
\$ 10,000 to \$ 24,999	48	94	187	206	66	673	1,611	879	30	74	143	314	901
25,000 "	73	260	564	636	233	1,998	5,078	2,848	45	195	458	1,219	2,877
50,000 "	117	578	1,303	1,419	640	5,483	14,582	8,461	50	254	1,300	3,801	8,563
100,000 "	120	1,012	2,289	2,742	962	10,132	28,033	16,915	7	38	2,332	7,861	17,031
200,000 "	79	1,145	2,489	3,269	1,007	12,185	36,658	23,490	9	122	2,875	10,204	23,732
500,000 "	21	583	1,335	2,022	520	7,599	23,898	15,817	-	-	1,762	6,725	16,255
1,000,000 " 4,999,999	16	1,406	3,145	5,827	922	14,722	62,604	47,568	-	-	3,797	16,696	48,080
5,000,000 and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	269	1,651	(125)
Totals	502	5,095	11,338	16,150	4,381	52,871	172,697	116,118	162	721	12,961	48,510	117,460
1962													
Under \$10,000	36	25	44	47	23	124	340	189	29	49	44	80	197
\$ 10,000 to \$ 24,999	42	84	157	172	64	637	1,485	744	30	104	158	364	785
25,000 "	79	324	687	748	237	2,165	5,581	3,181	51	239	546	1,419	3,220
50,000 "	110	625	1,396	1,568	663	5,843	14,606	8,101	41	271	1,316	3,852	8,279
100,000 "	121	980	2,169	2,756	1,034	10,767	29,135	17,351	11	81	2,340	8,038	17,517
200,000 "	81	1,189	2,618	3,613	1,069	13,353	39,038	24,683	8	158	2,948	11,063	25,251
500,000 "	21	620	1,386	2,078	588	7,820	24,989	16,562	-	-	1,821	6,942	16,734
1,000,000 " 4,999,999	16	1,405	3,098	5,957	970	15,276	65,091	48,948	-	-	3,951	17,574	49,222
5,000,000 and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	239	1,484	(132)
Totals	506	5,252	11,555	16,936	4,668	55,985	180,265	119,759	170	902	13,361	50,917	121,072

See footnotes following Table 3 A.

TABLE 1D. Principal Statistics classified by Size Groups based on Total Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies used ⁴	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.	'000	\$'000						\$'000	\$'000				
1961													
Under \$10,000	27	16	27	29	11	78	223	133	20	38	23	35	134
\$ 10,000 to \$ 24,999	47	94	186	205	65	608	1,507	840	31	75	140	303	854
25,000 "	73	255	569	617	223	1,996	5,014	2,795	45	195	446	1,170	2,834
50,000 "	115	560	1,256	1,376	625	5,211	14,004	8,171	49	243	1,263	3,703	8,244
100,000 "	123	1,016	2,302	2,739	998	10,372	28,513	17,143	8	48	2,351	7,864	17,225
200,000 "	80	1,165	2,519	3,335	1,016	12,286	36,934	23,652	9	122	2,910	10,363	23,959
500,000 "	20	552	1,264	1,927	505	7,012	22,421	14,945	-	-	1,693	6,480	15,228
1,000,000 " 4,999,999	17	1,437	3,216	5,922	938	15,309	64,081	48,439	-	-	3,866	16,941	49,108
5,000,000 and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	269	1,651	(125)
Totals	502	5,095	11,338	16,150	4,381	52,871	172,697	116,118	162	721	12,961	48,510	117,460
1962													
Under \$10,000	35	24	42	44	22	121	329	181	28	47	43	77	187
\$ 10,000 to \$ 24,999	42	83	155	169	64	635	1,476	737	31	106	153	354	756
25,000 "	78	314	661	714	230	2,087	5,422	3,108	51	239	532	1,361	3,152
50,000 "	113	647	1,448	1,630	687	6,022	15,048	8,340	41	271	1,361	4,104	8,454
100,000 "	120	987	2,177	2,762	1,016	10,682	28,933	17,240	11	81	2,331	7,986	17,448
200,000 "	80	1,151	2,551	3,511	1,076	13,007	38,136	24,150	8	158	2,870	10,774	24,745
500,000 "	21	611	1,365	2,070	585	7,536	24,330	16,193	-	-	1,808	6,955	16,231
1,000,000 " 4,999,999	17	1,435	3,157	6,035	988	15,893	66,590	49,610	-	-	4,024	17,822	50,231
5,000,000 and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	239	1,484	(132)
Totals	506	5,252	11,553	16,938	4,668	55,985	180,265	119,759	170	902	13,361	50,917	121,072

See footnotes following Table 3A.

TABLE 1E. Principal Statistics classified by Size Groups based on Total Employed,¹¹ 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies used ⁴	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.	'000	\$'000						\$'000	\$'000				
1961													
Under 5 employees	73	93	195	211	81	731	1,909	1,103	49	117	139	317	1,124
5- 14 employees	192	837	1,874	2,137	823	7,723	20,927	12,380	88	393	1,655	4,952	12,530
15- 49 "	192	1,948	4,323	5,397	1,844	20,590	60,220	38,374	25	211	4,732	16,164	38,797
50- 99 "	23	515	1,151	1,713	439	6,888	24,467	17,156	-	-	1,539	6,127	17,439
100-199 "	15	194	1,568	2,462	607	7,247	25,724	17,892	-	-	2,045	7,763	18,041
200-499 "	7	1,008	2,228	4,230	588	9,692	39,450	29,214	-	-	2,582	11,536	29,654
500 employees and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	269	1,651	(125)
Totals	502	5,095	11,338	16,150	4,381	52,871	172,697	116,118	162	721	12,961	48,510	117,460
1962													
Under 5 employees	62	67	124	132	54	495	1,269	716	46	101	105	214	736
5- 14 employees	193	877	1,937	2,173	789	7,779	20,657	12,044	91	498	1,663	5,074	12,269
15- 49 "	205	2,057	4,501	5,939	2,077	22,352	63,740	39,474	33	303	4,982	17,450	40,232
50- 99 "	25	622	1,369	2,076	512	7,753	27,429	19,178	-	-	1,697	6,979	19,341
100-199 "	12	484	1,141	1,718	488	6,253	19,466	12,737	-	-	1,603	6,034	12,820
200-499 "	9	1,145	2,482	4,898	747	11,354	47,705	35,609	-	-	3,072	13,683	35,806
500 employees and over													
Head offices, sales offices and auxiliary units ¹⁰	...	...	...	...	...	...	...	...	...	...	239	1,484	(132)
Totals	506	5,252	11,553	16,938	4,668	55,985	180,265	119,759	170	902	13,361	50,917	121,072

See footnotes following Table 3A.

TABLE 3. Employment and Payroll, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office ^{6,9}		Sales, and distribution ⁹		Total employees ^{7,9}		Production and related workers		Admin- istrative and office	Sales, and distri- bution	Total salaries and wages
	Manufacturing ⁴		Other ⁸		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
number										\$'000					
1961															
Newfoundland	136	38	..	..	..	..	..	..	243	47	378	..	..	830
Prince Edward Island	19	4	..	..	..	..	..	..	39	5	55	..	..	119
Nova Scotia	176	4	..	..	..	..	..	..	385	24	458	..	..	1,304
New Brunswick	142	6	..	..	..	..	..	..	291	29	348	..	..	968
Quebec	1,833	53	..	..	..	..	..	..	4,603	298	6,060	..	..	17,897
Ontario	1,681	86	..	..	..	..	..	..	4,182	463	5,952	..	..	18,742
Manitoba	197	25	..	..	..	..	..	..	527	61	714	..	..	2,161
Saskatchewan	167	26	..	..	..	..	..	..	415	51	578	..	..	1,576
Alberta	204	36	..	..	..	..	..	..	550	83	770	..	..	2,288
British Columbia, Yukon and Northwest Territories	240	22	..	..	..	..	..	..	582	83	836	..	..	2,626
Totals	4,795	300	..	..	..	..	..	..	11,817	1,144	16,150	..	..	48,510
1962															
Newfoundland	112	22	-	-	27	11	68	-	207	33	291	-	133	621	
Prince Edward Island	16	4	-	-	4	1	21	-	41	5	46	-	21	130	
Nova Scotia	181	4	-	-	55	26	184	-	420	30	474	-	358	1,416	
New Brunswick	152	7	-	-	31	20	153	4	336	31	409	-	271	1,188	
Quebec	1,904	71	78	-	649	253	2,184	3	4,815	327	6,437	217	4,568	19,119	
Ontario	1,765	89	26	2	717	373	1,792	6	4,300	470	6,328	107	5,789	19,597	
Manitoba	198	18	-	-	80	34	268	3	546	55	673	-	555	2,167	
Saskatchewan	156	25	-	-	45	19	184	-	385	44	570	-	289	1,491	
Alberta	222	37	4	-	68	39	288	1	582	77	806	17	503	2,450	
British Columbia, Yukon and Northwest Territories	242	27	2	-	82	60	242	2	568	89	901	7	722	2,738	
Totals	4,948	304	110	2	1,758	836	5,384	19	12,200	1,161	16,936	348	13,208	50,917	

See footnotes following Table 3 A.

TABLE 3A. Production and Related Workers,⁴ - Manufacturing Activity, by Months, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Month	Establishments reporting monthly detail	
	Male	Female
	number	
January	3,710	209
February	3,686	201
March	3,775	207
April	3,935	211
May	4,372	226
June	4,690	241
July	4,728	264
August	4,524	248
September	4,141	233
October	3,896	215
November	3,887	208
December	3,880	213
Average for establishments reporting monthly detail (collected only for large establishments)	4,116	230
Average for small establishments (only annual averages collected)	832	74
Monthly averages	4,948	304

¹ See Table 2 and Explanatory Notes concerning manufacturing and non-manufacturing activities.

² See Explanatory Notes.

³ This category, in this table only, includes working owners and partners. Since administrative and office employees are engaged in a variety of activities they have been excluded from manufacturing activity beginning with the revised 1961 series shown in the following tables. They are included here for purposes of comparison with the tabulations of previous years.

⁴ Conceptually identical to previous years. See Explanatory Notes.

⁵ Cannot be reported separately for manufacturing and non-manufacturing activities but related substantially to manufacturing activity. Identical concept to previous years.

⁶ Working owners and partners were included with administrative and office employees in the "Manufacturing series" published in former years. See Explanatory Notes.

⁷ Includes production and related workers, administrative and office employees, sales distribution and other employees. See Explanatory Notes for the treatment of head office employees and those employed in auxiliary units.

⁸ Value of total shipments and other operational revenue less total cost of materials, supplies, fuels used and purchases of products and materials for resale in the same condition; all adjusted for inventory changes where required. See Table 2 and Explanatory Notes.

⁹ Sales and distribution workers and production workers (non-manufacturing) are included for the first time as a result of the full implementation of the new definition of the establishment. The figures for production workers (non-manufacturing), administrative and office employees and sales and distribution workers are not yet available for 1961 but form part of total employees. Sales and distribution workers may include some employees that are reported as part of a manufacturing establishment but are not working at the establishment's location. Head offices, sales offices, etc., which report separately are included in the figures for the province in which they are located.

¹⁰ These data cover the activities reported by separately located units such as head offices, sales offices, administrative offices, laboratories, warehouses, etc. Such units do not usually constitute separate "establishments" as they do not normally generate all the necessary elements of input and output statistics. However, they are treated as extensions of manufacturing establishments and, in the case of individual industries, may be located in provinces where no processing plants are situated. For the most part, these units contribute only to costs of operations (mainly salaries and wages) and they are included here to provide completeness and consistency of the statistics. See Explanatory Notes which deal with Single and Multi establishments for a complete explanation of procedures.

¹¹ Includes paid employees and working owners but excludes unpaid family workers.

Note: Figures may not add due to rounding.

TABLE 4. Materials and Supplies Used in Manufacturing Activity, 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Cost
	lb.	\$'000
1. Materials used:		
Carbon dioxide gas, in cylinders, tanks, etc.	20,931,141	1,541
Carbon dioxide, solid	1,043,312	69
Sugar	189,391,844	14,495
Glucose	3,116,744	228
Citric acid	1,097,585	278
Tartaric acid	49,758	20
Syrups, concentrates and flavours	—	18,347
All other materials and components used ² .....	...	8,075
2. Containers and other packaging materials and supplies used		
		10,178
3. Operating, maintenance and repair supplies used (excluding fuel)		
		2,524
4. Amount paid out to others for work done on materials owned by establishments		
		230
Total		55,985

¹ See Explanatory Notes.

² No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. In 1962 these estimated costs were \$6,615,074 (excluding estimates made for CO₂ gas).

TABLE 5. Fuel and Electricity Used¹ in Manufacturing Activity,² 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Cost
		\$'000
1. Large establishments which reported commodity detail:		
Bituminous coal:		
(a) From Canadian mines	ton	1,973
(b) Imported	"	2,665
Sub-bituminous coal (from Alberta mines only)	"	191
Anthracite coal	"	233
Lignite coal	"	1,398
Coke	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	7,134,161
Fuel oil including kerosene or coal oil	"	4,742,804
Wood	—	—
Gas:		
(a) Liquefied petroleum gases	Imp. gal.	205,858
(b) Other manufactured gas	—	—
(c) Natural gas	M cu. ft.	203,305
Other fuel	—	—
Electricity purchased	kwh.	37,780,075
Steam purchased .....	...	—
2. Estimate for small establishments for which no data were collected:		
Fuel and electricity .....	...	805
3. All establishments:		
Total fuel and electricity used .....	...	4,668

¹ Does not include fuel and electricity produced for own use.

² Includes only fuel and electricity purchased. Conceptually identical to previous years in that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

³ See Explanatory Notes.

TABLE 6. Shipments of Goods of Own Manufacture, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Value	
		\$'000	
1. Products:			
Soft drinks:			
Carbonated: ²			
Bottled - 12 oz. and under	cases of 24	104,876,244	130,752
Bottled - over 12 oz.	" " 12	15,879,950	25,329
Canned	" " 24	1,155,617	2,187
Bulk (barrels, tanks, jars, etc.)	Imp. gal.	4,149,215	3,253
Total soft drinks (bottled, canned, bulk)	"	169,541,262	161,521
Non-carbonated fruit drinks	cases of 24	290,000	432
Spruce beer	" " 24	312,747	375
Natural mineral water	Imp. gal.	646,902	325
Syrups and concentrates, bottlers:			
For sale	"	5,270,271	18,123
For own use	"	5,566,600	...
Syrups sold to fountain trade	"	2,052,498	4,680
All other products .....		...	230
2. Amount received in payment for work done on materials and products owned by others			270
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above			(5,689)
Net adjustment for establishments receiving progress payments ³ .....			...
Total adjusted value of shipments and work done			180,265

¹ See Explanatory Notes.

² See footnote 1, Table 7.

³ Average gallons per cases - 12 oz. and under
Over 12 oz.
Canned

	1961	1962
12 oz. and under	1.22	1.24
Over 12 oz.	2.09	2.15
Canned	1.60	1.40

TABLE 7. Industry Inventories, 1962¹
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
	book value \$'000					
Opening:³						
Newfoundland	290	--	47	337	11	349
Prince Edward Island	15	--	4	19	--	19
Nova Scotia	156	--	84	239	7	246
New Brunswick	159	3	36	198	26	224
Quebec	2,707	45	660	3,411	308	3,719
Ontario	2,508	41	1,447	3,997	798	4,795
Manitoba	285	3	58	345	273	618
Saskatchewan	158	--	82	239	22	262
Alberta	275	1	112	388	53	441
British Columbia, Yukon and Northwest Territories ...	387	4	138	530	196	726
Totals⁴	6,939	97	2,667	9,703	1,696	11,399
Closing:						
Newfoundland	270	2	42	315	32	347
Prince Edward Island	17	--	8	25	--	25
Nova Scotia	184	--	81	265	18	283
New Brunswick	162	4	38	203	26	229
Quebec	2,985	37	690	3,711	383	4,095
Ontario	2,669	44	1,546	4,259	942	5,200
Manitoba	272	3	68	344	274	617
Saskatchewan	160	--	100	260	20	279
Alberta	286	1	125	413	54	467
British Columbia, Yukon and Northwest Territories ...	432	6	115	552	244	796
Totals⁴	7,438	97	2,813	10,348	1,892	12,340

¹ Values represent book values of inventories 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.

² See Explanatory Notes.

³ The opening inventories may differ from the closing inventories for the previous survey 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.

⁴ Figures may not add due to rounding.

TABLE 8. Shipments of Goods of Own Manufacture - All Industries, 1939-62¹

	Soft drinks - bottled, canned and bulk					
	Made in carbonated beverages industry		Made in other industries		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	gallons	\$	gallons	\$	gallons	\$
1939.....	42,658,507	25,606,519	1,297,176	655,979	43,955,683	26,262,498
1940.....	51,490,465	30,220,820	1,447,195	659,775	52,937,660	30,880,595
1941.....	58,202,453	36,429,014	1,601,430	725,541	59,803,883	37,154,555
1942.....	56,794,605	35,842,634	1,479,369	803,751	58,273,974	36,646,385
1943.....	56,617,256	35,969,146	1,403,236	816,176	58,020,492	36,785,322
1944.....	62,838,491	39,855,108	1,387,572	883,069	64,226,063	40,738,177
1945.....	50,315,637	33,995,553	1,019,716	602,000	51,335,353	34,597,553
1946.....	54,784,455	36,408,366	944,281	648,847	55,728,736	37,057,213
1947.....	68,186,101	47,164,458	1,227,160	951,459	69,413,261	48,115,917
1948.....	84,192,375	56,401,498	1,476,339	947,530	85,668,714	57,349,028
1949.....	99,251,488	72,049,318	1,936,466	1,094,486	101,187,954	73,143,804
1950.....	100,844,654	72,963,472	1,864,414	1,151,934	102,709,068	74,115,406
1951.....	93,032,895	76,135,375	1,770,312	1,150,175	94,803,207	77,285,550
1952 ²	101,395,491	88,298,503	2,077,116	1,511,302	103,472,607	89,809,805
1953.....	107,892,389	92,367,408	2,282,435	1,709,094	110,174,824	94,076,502
1954.....	103,815,984	91,251,561	2,114,897	1,519,192	105,930,881	92,770,753
1955.....	116,300,000	102,082,907	2,141,866	1,568,799	118,441,866	103,651,706
1956.....	120,979,325	105,780,198	2,212,352	1,934,738	123,191,677	107,714,936
1957.....	134,714,493	121,002,703	2,436,615	2,269,320	137,151,108	123,272,023
1958.....	144,906,991	131,590,061	2,289,086	2,289,177	147,196,077	133,879,238
1959.....	155,177,716	140,439,641	2,285,066	2,296,215	157,462,782	142,735,856
1960.....	157,609,248	143,781,194	1,966,282	1,963,335	159,575,530	145,744,529
1961.....	163,724,273	154,648,169	775,338	828,876	164,499,611	155,477,045
1962.....	169,541,262	161,521,119	929,882	892,336	170,471,144	162,413,455

¹ Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed above.

² In 1952 and previous years the basis of collection was "production".

TABLE 9. Capital and Repair Expenditures,¹ 1960-62

Year	Capital expenditures			Repair expenditures			Total capital and repair expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total
	\$'000								
1960.....	8,290	11,774	20,064	1,361	4,834	6,195	9,651	16,608	26,259
1961.....	5,889	12,210	18,099	1,193	5,160	6,353	7,082	17,370	24,452
1962.....	8,182	13,533	21,715	1,361	6,537	7,898	9,543	20,070	29,613

¹ Data for Soft Drink Manufacturers, Distilleries and Wineries are included in this table. Separate values are confidential.

Source: Business Finance Division. - DBS.

List of Establishments, 1962

Name and address	Name and address
Newfoundland:	Quebec - Continued:
Bond Beverages Ltd., 72 B High St., Grand Falls Browning Harvey Ltd., Ropewalk Lane, St. John's Browning Harvey Ltd., Harvey Road, Corner Brook Gaden's Ltd., 665-683 Water St. W., St. John's Gaden's (Central) Ltd., Bishop's Falls Gaden's (West) Ltd., Corner Brook Grand Bank Bottlers Ltd., Grand Bank, F8 Albert G Kay's & Sons Ltd., Stephenville Lakeside Bottling Co. Ltd., Channel Purity Factories Ltd., Blackmarsh Rd., St. John's Seven-Up Eastern Ltd., Box 1536, St. John's	Breuvages Corona Inc., 0650, Atwater Ave., Verdun Breuvages Courville Inc., 209, rue Charlotte, Sorel Breuvages Drummond Ltée., 497, rue St-Pierre, Drummondville Breuvages Gaudreault Enrg., 576, St-Antoine, LaTuque Breuvages Henri Enrg., 311, St-Norbert, Drummondville Breuvages Lac Mégantic Enrg., 45, Laviolette, Lac Mégantic Breuvages Lafrance Ltée., 444, rue Notre-Dame-est, Victoriaville Breuvages Lazure, 1385, rue Choquette, St-Hyacinthe Breuvages J.A. Levesque Inc., Bonaventure Breuvages Lucky One, 9935, Lauzanne S., Montréal-Nord Breuvages Mont Rouge, Rougemont Breuvages Pontiac, Ville-Marie Breuvages Radnor Ltée., R.R. No. 2 St-Maurice Breuvages Royale Enrg., Grand'Mère Breuvages St-Félix Ltée., St-Félix-de-Valois Breuvages St-Jérôme, 232, rue Ste-Paule, St-Jérôme Breuvages Simon, Theford Mines Breuvages Snow White Ltée., 610, Blvd des Laurentides, St-Jérôme Breuvages Sun Crest, 231, Blvd St-Joseph, St-Tite Brien, Maurice, rue Hôtel-de-Ville, Maniwaki Brissette, J.L., Ltée., 14, rue St-Antoine, Ste-Agathe-des-Monts Brunelle, Paul, Ltée., 33, rue St-Jean-Baptiste, Victoriaville Bryant, J.H., Ltd., 1060, Cherbourg St., Sherbrooke Caisse, Alfred, Inc., 151, rue du Roi, Sorel Canada Dry Ltd., 1960-52nd Ave., Lachine Caoquette et Frère Inc., Avenue A, Amos Carle, Lionel, Maniwaki Chandler Bottling Works Reg'd., Chandler Charbonneau, Paul E., Montmagny Chartier, J.L., 131, Abtibi Ave., Malartic Chevalier Albert et Fils, 2662 St-Alexis, Shawinigan Falls Chevrier Ltée., 117, rue Burroughs, Lachute Christin Ltée., 2775, est, rue Sherbrooke, Montréal La Cie d'Embouteillage Canada Dry Co., (Rimouski) Ltée., 660, rue St-Germain est Rimouski Claire Fontaine Ltée., Rue Joly & Ave Dumas, Québec Clarke W. Grant, Old Harry, Magdeleine Islands Claro Ltée., 4055, Blvd., Ste-Anne, Montmorencyville Coca-Cola Ltd., 2465-1st Ave., Québec Coca-Cola Ltd., 200 Bellechasse St, Montreal Corriveau, J.O., 2267 Blvd des Chutes, Courville Cott Beverages (Canada) Ltd., 7335 Decarie Blvd., Montréal Coulombe, Alex, Ltée., 25 Ave Bigaouette, Québec Cournoyer, Lucien, 910, rue Laval, Ville de Tracy Couture, Emile T.M. Ltée., 765 St-Alphonse, Theford Mines Couturier, L.P., Inc., 11, rue Nairn, La Malbaie Crush International Ltd., 290 Deslauriers St., St-Laurent Crystal Spring Bottling Works Ltd., 115 Foster Square, Waterloo Deebie Entreprises Ltd., 127-117ième rue, Shawinigan Falls Delorme, Ronald, 206, Avenue du Parc, Granby Demers & Frères Inc., 571-2ième rue, Grand'Mère Desjardins, J.R., Lachute Désormeaux, S., Enrg., 965, rue Labelle, St-Jérôme Drouin, A.N. & Fils, 1335, Sullivan Rd., Val d'Or Dufresne & Frère Ltée., 3125 Blvd., Royal, Trois Rivières Eau Minérale Etoile, Ste-Geneviève-de-Batiscan Eau Minérale St-Léon Enrg., St-Léon, Co., Maskinongé Eau Justin Enrg., 400, Mailhot, Trois-Rivières Eau Naturelle St-Léon, A/S Y. Desrosiers, 166, Des Peupliers, est, Québec Eau-Vive Enrg., 3310-3ième Avenue, Montréal Eskimo Bottling Works Ltd., 6968 Grand Ave., Montreal Fluet, F.A., Enrg., 750 rue St-Vallier est, Québec Fontaine, Misaël, 571 St-Antoine, LaTuque Forget, Albert, 335 rue Grenier, Mont-Laurier Frièrre, Alfred, 45 rue du Lac, Magog Gagné, F.X., Ltée., 70 rue Notre-Dame, Nicolet Gagnon & Lapointe Inc., 54 rue du Pont, Jonquièrre Gaspé Bottling Co. Ltd., Gaspé Grand Coteau, 4334 Parthenais, Montréal Grenier, Arthur, Ltée., 1ere Ave, St-Georges est, Beauce Hamel et Fils Enrg., LaSarre Harvey Dorville Inc., LaMalbaie Hires Charles E. Co. Ltd., 9162 St-Lawrence Blvd., Montreal Jacob, Henri & Fils Inc., 327 rue St-Germain, Rimouski Kik Company, 1387 Villeray St., Montréal L'Aboussafy Inc., Mont-Joli L'Aboussafy Inc., Sept-Îles Lafontaine, Hervé J. Ltée., 35 Notre-Dame, Louiseville Lafontaine & Cle Ltée., 2 rue Frontenac, Berthierville Lafrance & Fils Ltée., 2175 Papineau, St-Hyacinthe Lampron & Ferron Ltée., 141 Beauchemin, Cap-de-la-Madeleine Langlois et Mercier, Armagh Laniel & Frère Ltée., 45 rue Ellice, Valleyfield Lanouette A & Fils Ltée., 80 rue St-Michel, Ville-Marie Larouche & Fils Enrg., 1185 Jolies, Drummondville Larrière & Frères Enrg., rue Jean-Roux, Trois-Pistons Lavigne, Lucien, Ltée., 2685 Galt, ouest, Sherbrooke Leclerc, Joseph, Inc., St-Evariste Station Leclerc, Raymond, 912 rue Decelles, St-Joseph-de-Sorel Leduc, G., 21 rue St-Pierre, St-Casimir Leroux L.P. & Fils Ltée., R.R. No. 2, Dorion Letourneau & Vaillancourt Enrg., Cacouna
Prince Edward Island:	
G.D. Higgenbotham, Murray River Morris J. & T. Limited, 75-79 Water St., Charlottetown Seaman's Beverages, 57 Water St., Charlottetown Seven-Up Sussex Ltd., 152 Elm Ave., Charlottetown Simmons G.H., Spring Park Road, Charlottetown	
Nova Scotia:	
Astoria Beverage Co., Main St., Liverpool Canada Dry Bottling Co. (Halifax) Ltd., Bedford Chapman Beverages Ltd., 1100 Prince St., Truro Chapman Brothers Ltd., 20 Station St., Amherst Clare Beverage Co., Meteghan River Coca-Cola Ltd., 42 Lady Hammond Rd., Halifax Emeneau's Beverages Ltd., 677 LaHave St., Bridgewater Havelock-Home Bottling Co. Ltd., 114 York St., Sydney Hi-Cap Maritimes Ltd., 147 Maynard St., Halifax Hub Beverages, 75 Main St., Truro Ideal Beverages Ltd., 14 Townsend St., Sydney Isle Royale Beverages Ltd., 245 Welton St., Sydney Jones Bottling Co. Ltd., Weymouth McKinlay & Sons Ltd., 262 Brookside St., Glace Bay MacLean's Beverages Ltd., Westville Rd., New Glasgow Morris Beverages Ltd., 230 Wyse Road, Dartmouth Seven-Up (Bridgetown) Ltd., Bridgetown Seven-Up (Sussex) Ltd., Bloomfield Street, Halifax Seven-Up (New Glasgow) Ltd., 59 Prospect St., New Glasgow Sydney Mineral Springs Ltd., 109 Richmond St., Sydney Tennant H.F. Limited, 9 havelock, Amherst Tennant H.F. (Eastern) Ltd., Main St., Trenton Valley Beverages Ltd., Bridgetown Valley Beverages Ltd., Yarmouth North Weymouth Spring Bottling Co., Weymouth Yarmouth Beverages Ltd., Box 282, Yarmouth	
New Brunswick:	
Ahier & Woods Ltd., 22 Ramsay St., Campbellton Albert & Sons V.H., 75 Church St., Edmundston Brunswick Beverages Reg'd., 21 Beaulieu St., Edmundston C & S Bottling Works, Demeresque St., Bathurst Bosca & Buraglia Ltd., Bathurst Cassidy's Beverages Ltd., Church St., Chatham Crystal Beverages Ltd., Beaverbrook & Alcock St., Moncton Gallivans Beverages, Jane St., Newcastle Gorham Beverages, 100 Clark St., Fredericton Grand Anse Beverages, Grand Anse Grand Falls Bottling Co., Grand Falls International Drug Co., The, 17 King St., Stephen King's County Beverages, 19 Winter St., Sussex Nadeau's Beverages Ltd., 18 Union St., Campbellton Restigouche Beverages Ltd., 98 Water St., Campbellton Saint John Beverages Ltd., 410 Chesley St., Saint John Seven-Up (Saint John) Ltd., Barrack Green, Saint John Seven-Up (Moncton) Sussex Ltd., Balg Blvd., Moncton Seven-Up (Fredericton) Sussex Ltd., 140 Clark St., Fredericton Tennant H.F. Ltd., 297 Church St., Moncton Woodstock Bottling Works, Cedar St., Woodstock	
Quebec:	
Abel, Joseph, 530 Ave. Dupont, Alma Ahern & Palmer Beverages, Gaspé Harbour Allan's Beverages Ltd., 5130 Western Ave., Montreal Archambault, Victor, 16262, rue Bureau, Pointe-aux-Trembles Beaudoine, J. Albiny, LaSarre Becont Beverages Ltd., 175, St-Hubert St., St-Jérôme Bédard, Léonce, 484, Côte de la Réserve, Chicoutimi Bière d'Épinette Larose, 6540-3ième Avenue, Rosemont, Montréal Bière d'Épinette Jetté, 1463 rue Desjardins, Montréal Binet & Turgeon Ltée., Beauceville-est Boïduc & Fils Inc., 10, rue de la Fabrique, Montmagny Bonel Limitée, 2 Larrivière, St-Romuaud Boudreau & Forrest Ltée, Mont-Joli Breton, Gaston, Inc., 738-740, Principale, Granby Breuvages E. Denis Ltée., 6314, rue Delanaudière, Montréal	

List of Establishments, 1962 - Continued

Name and address	Name and address
Quebec - Concluded:	
Levesque, Léon J., Inc., Cabano, Co. Témiscouata	Canada Dry Ltd., 153 Sherbourne St., Toronto
Les Breuvages Bégin Ltée., 999, rue Ste-Julie, Trois-Rivières	Carm's Beverages, 48 Parker St., Belleville
Les Breuvages des Choix Enrg., 3, rue St-Adrien, St-Jean-Eudes	Carters Beverages, 115 Wilson, Hamilton
Les Embouteilleurs de Rouyn-Noranda Enrg., 154, rue Gamble, ouest, Rouyn	Chapleau Beverages, 40 Connaught St., Chapleau
Les Embouteilleurs Val d'Or Ltée., 1072-2ieme Ave., Val d'Or	Charlebois Beverages, 111 Baldwin Ave., Cornwall
Les Liqueurs Cristal de St-Jean Enrg., 180, Cousins, St-Jean	Clearwater Beverages Co., 444-6th Ave., South Kenora
Les Liqueurs Elz, Fortier Ltée., 848, rue du Roi, est, Québec	Coca-Cola Ltd., 90 Broadview Ave., Toronto
Les Liqueurs de St-Jean Enrg., 122, Jacques-Cartier, St-Jean	Coca-Cola Ltd., 174 Sidney St., Belleville
Les Liqueurs Saguenay Ltée., (Alma), 305, Ave Hôtel-de-Ville, Chicoutimi	Coca-Cola Ltd., Brantford
Les Liqueurs Saguenay Ltée., (Dolbeau), 305, Ave Hôtel-de-Ville, Chicoutimi	Coca-Cola Ltd., 1575 Barton St. E., Hamilton
Les Liqueurs Victoria Enrg., 195, Blvd., Fusey, Cap-de-la-Madeleine	Coca-Cola Ltd., 111 Railway St., Kingston
Liqueurs Douces de Hauterive Ltée., Hauterive	Coca-Cola Ltd., 1570 King St. E., Kitchener
Liqueurs Kist St-Tite Enrg., 250, Bourdois, St-Tite	Coca-Cola Ltd., 1140 Dundas St., London
Liqueurs Moderne Enrg., St-Raymond	Coca-Cola Ltd., 2158 Main St., Niagara Falls
Liqueurs St-Georges Ltée., St-Georges-de-Beauce	Coca-Cola Ltd., 605 Bronson Ave., Ottawa
Liqueurs St-Maurice Enrg., Gentilly	Coca-Cola Ltd., 781 Lansdowne St. W., Peterborough
Liqueurs Trotter Ltée., St-Casimir	Coca-Cola Ltd., 314 Memorial Ave., Port Arthur
Liqueurs Saguenay Ltée., 305, Ave Hôtel-de-Ville, Chicoutimi	Coca-Cola Ltd., Windsor
MacKimmie J.P. & Sons, 379 Foundry St., Lachute	Cochrane Bottling Works, 158 Second Ave., Cochrane
Marcotte & Fils, 300, rue Richard, Joliette	Continental Beverages Canada Ltd., Box 610 Ottawa
Massicotte, André, Ste-Anne-de-la-Pérade	Cornwall Bottling Works Ltd., 113 Amelia St., Cornwall
Massicotte, J.T., Inc., 2ème Avenue, Amos	Credit Valley Bottling Works, Georgetown
Melody Beverages Ltd., 2349, Notre-Dame, West, Montréal	Crown Syphon Bottling Works, 1249 Laurendeau Ave., Windsor
Méthot & Gagné Ltée., 68 Fraser St., Rivière-du-Loup	Crush International Ltd., 1590 O'Connor Drive, Toronto
Monarch Bottling Works Inc., 90, rue St-Georges, St-Jean	Curtis Beverages Ltd., C.N. Esplanade, Orillia
Morency, Paul, 154, rue de la Cathédrale, Rimouski	Dominion Dry Ginger Ale Co. Ltd., 105 Manning Ave., Toronto
National Bottling Works Ltd., 1428 Clarke St., Montréal	Dominion Seven-Up Co. Ltd., 1314 Carling Ave., Ottawa
National Soft Drinks Corporation, 460 Main St., Granby	Dominion Seven-Up Co. Ltd., 12 Cranfield Rd., Toronto
Nesbitt Bottling Works, 681 Roy St., La Tuque	Doran's Beverages Ltd., Cameron St., at Marks, Fort William
Nesbitts Orange (Montreal) Ltd., 5130 Western Ave., Montreal	Doran's Brewery Ltd., 319 Algonquin Blvd., Timmins
Northern Quebec Bottlers Ltd., 205 Tremoy Rd., Rouyn	Double Cola Canada Ltd., 11 Cobourg St., Stratford
Paul et Fils, 290, rue George, Sorel	Elders Beverages, 671 Montreal St., Kingston
Paul-Hus, Jean-Marie, 93, Ramezay, Sorel	Erie Beverage Ltd., 71 Park Ave. E., Chatham
Peer's Beverages of Canada Ltd., 4266, de Chateaubriand Ave., Montréal	Esbeco Limited, 658 Erie St., Stratford
Pepsi-Cola Canada Ltd., (Bottling Plant) 4900 Jean-Talon St., Montréal	Exel Beverages Ltd., Bourget
Pepsi-Cola Canada Ltd., (Concentrate Plant), 4900 Jean-Talon St., Montréal	Farquhar Thos & Sons Co. Ltd., Little Current
Perrault Roger, 1707, Lépine, Joliette	Fort Frances Brewing Co. Ltd., (Atikokan), 1009 Mill Rd., Fort Frances
Picard Nil & Fils Enrg., 56, rue Bennett, Nord, Thetford Mines	Garland Beverages Ltd., Box 326, North Bay
Plamondon, Georges, Ltée., 1, ave Plamondon, Drummondville	Georgian Bay Beverages, 298 Hurontario, Collingwood
Plourde Elzear Ltée., 146, rue St-Laurent, Jonquières	Geraldton Bottling Co., 639 Second Ave. N., Geraldton
Port Daniel Kist Beverages Reg'd., Port Daniel	Giesebrechts Ltd., Petawawa
Poulin et Fils, 9ème rue, Noranda	Goderich Bottling Works, 55 Kingston St., Goderich
Racine & Frère, 759, Delanauddière, Joliette	Goode Beverage Co. Ltd., 926 High St., Peterborough
Red Rock Matane Enrg., 7-9 rue Soucy, Matane	Gordon's Beverages, 583 Water St., Peterborough
Ragal Bottling Works, 557, rue St-Henri, Laprairie	Gray W.J., 11 Market St., Collingwood
Richer & Frère Ltée., 39, ave du Parc, Valleyfield	Hambly's Beverages Ltd., 385 Bloor St. W., Oshawa
Roux-Bergeron Enrg., 12, rue Coté, Victoriaville	Harrison Kist Beverages Ltd., Webb St., Harrison
Roy & Frères (Joliette) Ltée., 191, rue Montcalm, Joliette	Hawkesbury Bottling Works, 15 Hampden, Hawkesbury
Royal Beverages, Maniwaki	Horsman Chas. L & Son, 41 Pellisier St., Campbellford
Royal Crown Cola Ltd., (Montreal Plant), 100 Sunrise Ave., Toronto 16, Ont.	Husky Beverages Ltd., 5 McCamus Ave., Kirkland Lake
St-Onge Paul Inc., 3085, St-Pierre, St-Hyacinthe	International Beverage Co., 59 Markham St., Toronto
St-Pierre Jules Ltd., Mont-Laurier	Irish Dry Beverages, 101 Lake Port Rd., St-Catharines
Seven-Up Granby Inc., 677, rue Principale Granby	Kapuskasing Beverages Ltd., Kapuskasing
Seven-Up Montreal Ltd., 160 Graham Blvd., Town of Mount Royal	Kent Essex Beverages, 50 Foster, Chatham
Seven-Up Val d'Or Enrg., 110, -4ème Ave., Val d'Or	Kirkland Beverages Ltd., 7 Section Rd., Kirkland Lake
Seven-Up Sherbrooke Ltée., 755, King Est, Sherbrooke	Kist Canada Ltd., (Bottling Division), 11 Cobourg St., Stratford
Seven-Up Trois Rivières Ltée., 2925, Blvd Royal, Trois Rivières	Kist Canada Ltd., 11 Cobourg St., Stratford
Seven-Up Grandmère Enrg., 470, -6ième Ave., A, Grand'Mère	Kitchener Beverages Ltd., 680 Victoria St. N., Kitchener
Seven-Up Ste Angèle Enrg., Ste-Angèle de Laval, Nicolet	Lakewood Beverages, 452-3rd St. North, Kenora
Seven-Up Thetford Ltée., 1068, Notre-Dame Nord, Thetford Mines	Lindsay Soda Water Works, 10 Caroline St., Lindsay
Seven-Up St-Hyacinthe Ltée., 3145, Sicotte, St-Hyacinthe	Lock City Beverages, 353 Wellington W., Sault-Ste-Marie
Seven-up Sept-Îles Ltée., 250, Arnaud, Sept-Îles	London Bottling Co. Ltd., 982 Princess Ave., London
Simard Philippe & Fils Enrg., 501, rue des Peupliers, Dolbeau	Loudon Brothers Ltd., 735 Fourth Ave., South, Geraldton
Source Nalko Enrg., St-Justin	Magda Soda Water Mfgs., 521 Keele St., Toronto
Source Abenakis Ltée., St-François-du-Lac	MacDonald & Son Ltd., 495 Oak St. W., North Bay
Suncrest Beverages of Canada, 711, ave L'Abbé, Thetford Mines	MacDonald & Son Ltd., New Liskeard
Thibreau, Yvon Inc., Notre-Dame, ouest, Victoriaville	MacDonald & Son (Timmins) Ltd., 17 Golden Ave., South Porcupine
Tougas & Nicholson, 1, rue Dufferin, Valleyfield	Maedel's Beverages Ltd., 76 Talbot St. S., Essex
Veilleux Frères Ltée., 370, rue Temiscouata, Rivière-du-Loup	Mead Beverages, 11 Josephine St. W., Wingham
Viens, Albert P., rue St-Jean, Plessisville	Millar's Beverages, R.R. No. 2, Renfrew
	Mio Mfg. Ltd., 16 Eugene St., Toronto
	Molra Beverages, 291 Coleman St., Belleville
	Moran Beverages 58 Rodman St., St. Catharines
	Morris Beverages Ltd., "Les", 285 Elgin St., Sarnia
	Munro Bottling Co., 1276 Drouillard St., Windsor
	National Dry Ltd., 303-309 Richmond St., London
	Niagara Dry Beverages Ltd., 1730 Ferry St., Niagara Falls
	Niagara Dry Beverages Ltd., 1100 Burlington St. E., Hamilton
	Nickel City Beverages Ltd., 126 Fairburn St., Sudbury
	Nipigon Bottling Works, Nipigon
	North Shore Bottling Works, Terrace Bay
	Northern Beverages, 19 Cobalt St., Cobalt
	Northern Bottling Co., 381 Pine St., Sudbury
	Nu-Grape (Toronto) Ltd., 1100 Queen St. W., Toronto
	Nu-Jersey Creme Co., 229 Manning Ave., Toronto
	Orangeville Bottling Works, The, 13 Mill St., Orangeville
	Ottawa Valley Pure Spring Beverages, 627 Nelson St., Pembroke
	Parisien Beverages, 722 Pitt St., Cornwall
	Penetang Bottling Co. Ltd., Penetanguishene
	Pepsi-Cola Canada Ltd., 1435 Weston Rd., Toronto
	Pepsi-Cola Canada Ltd., 205 Richmond Rd., Ottawa
	Pop-O Beverages Ltd., 310 John St. W., Hamilton
Ontario:	
Algoma Beverages, Elliot Lake	
Eastlen's Beverages, Whitewood Ave., New Liskeard	
Bell City Beverages, 242 Colborne St. W., Brantford	
Bernard Beverages Ltd., 2 Stewart St., Toronto	
Better Beverages Ltd., 410 Memorial Ave., Port Arthur	
Beverage Cannors Ltd., 24 Fenmar Drive, Weston	
Boorman's Beverages Ltd., 485 Reid St., Peterborough	
Brant Beverages Ltd., 131 South Market St., Brantford	
Brighton Beverages, Yonge St., Brighton	
Brockville Beverages Ltd., 124 Orchard St., Brockville	
Brown's Beverages, 220 Bay St., Gravenhurst	
Canada Dry Bottling Co. (Barrie) Ltd., 180 Innisfil St., Barrie	
Canada Dry Bottling Co. (Kingston) Ltd., 15 Davidson St., Kingston	
Canada Dry Bottling Co. (Kirkland Lake) Ltd., 107 Second St., Kirkland Lake	
Canada Dry Bottling Co. (Windsor) Ltd., 2310 Walker Rd., Windsor	
Canada Dry Bottling Co. (Sudbury) Ltd., 97 St. George St., Sudbury	
Canada Dry Bottling Co. (Smith Falls) Ltd., Condie St., Smith Falls	
Canada Dry Bottling Co. (London) Ltd., Base Line & Warnciffe Rd., London	

List of Establishments, 1962 - Concluded

Name and address	Name and address
Ontario - Concluded:	
Port Colborne Beverage Co., 511 King St., Port Colborne	Prince Albert Mineral Water Co. Ltd., 1125-3rd Ave. W., Prince Albert
Port Perry Beverages, Port Perry	Quality Beverages Ltd., 1402-6th Street, Estevan
Prescott Bottling Co. Ltd., King St. E., Prescott	Rainbow Bottling Works, 303 Nipawin Rd., Nipawin
Private Brands Beverages Ltd., 844 Bathurst St., Toronto	Regina Bottlers Ltd., 1205-11th Ave., Regina
Pure Spring (Canada) Ltd., 22 Aberdeen St., Ottawa	Rose Beverages Ltd., 301-13th St. East, Prince Albert
Red Lake Bottling Works, Red Lake	Seven-Up (Prince Albert) Ltd., 1680 Central Ave., Prince Albert
Reinhart's Beverages, 12-22 James St., Guelph	Seven-Up (Saskatoon) Ltd., 202 Ave. C., South Saskatoon
Renfrew Bottling Works Ltd., 326 Raglan St., Renfrew	Standard Mineral Water Works Ltd., Box 458, North Battleford
Rideau Beverages, 10 Maple St., Smith Falls	Starlite Bottlers Ltd., 229 Ave 1, South Saskatoon
Riverdale Beverages Ltd., 183 Erie Ave., Brantford	Swift Current Bottling Works Ltd., 401 Railway St. East, Swift Current
Robertson Alex Co., Homewood Ave., Mount Forest	Watt, G. & J. Co. Ltd., 2023 Ottawa St., Regina
Robinson's Beverages, 26 Lewis St., Perth	York Beverages Ltd., 180 Broadway Ave. W., Yorkton
Royal Beverages, 130 First St. E., Fort Frances	
Royal Crown Cola Ltd., (Toronto), 100 Sunrise, Toronto	
St. Clair Beverages Ltd., 124 Proctor St., Sarnia	
Sarnia Beverages Ltd., 137 Indian Rd. S., Sarnia	
Seven-Up Bottling Co., 131 North Archibald St., Fort William	
Seven-Up Bottling Co. (Windsor) Ltd., 970 Mercer St., Windsor	
Seven-Up Bottling Co. Ltd., 111 St. George St., Sudbury	
Seven-Up Div. of W.H. Wallace Ltd., 2107-2nd Street, Cornwall	
Seven-Up (Ontario) Ltd., 21 Essex St., Toronto	
Seven-Up (Ontario) Ltd., Ann & Victoria Sts., Barrie	
Seven-Up (Ontario) Ltd., 119 Station St., Belleville	
Seven-Up (Ontario) Ltd., 80 Glow Ave., Hamilton	
Seven-Up (Ontario) Ltd., Oxford St., Seven-Up Ave., London	
Silver Lake Beverages Co. Ltd., 1035 Railway St., Kenora	
Smith Beverages Ltd., 750 Farewell St., Oshawa	
Smith Falls Bottling Works, 52 Abbott St., Smith Falls	
Snell's Bottling Works, 43 Park St., Chatham	
Soo Falls Brewing Co. Ltd., 503 Bay Sault Ste-Marie	
Star Beverages Ltd., 79 A Queen St., Kirkland Lake	
Star Bottling Works Ltd., 252 Regent St., Sudbury	
Stimson E.H. & Co., St. Paul St., Alexandria	
Strub Beverages, 22 McCaully St. W., Hamilton	
Sudbury Brewing & Malting Co. Ltd., 185 Lorne, Sudbury	
Sudbury Products Co., 204 King St., Sudbury	
Sunnyside Beverage Co., 1068 Queen St. W., Toronto	
Superior Bottling Co., 211 Southern Ave., Fort William	
Taylor's Soft Drinks Ltd., 957-4th Ave. E., Owen Sound	
Thomson Beverages Ltd., 1701-3rd Ave. E., Owen Sound	
Timmins Bottling Works, 34 Algonquin Blvd. E., Timmins	
Toronto Soda Water Mfg. Co., 61 Oxford St., Toronto	
Tuckey Beverages, 451 Main St., Exeter	
Twin City Bottling Co., 701 Harold Crescent, Fort William	
Uxbridge Beverages Ltd., Franklin St., Uxbridge	
Verner's Ginger Ale Ltd., 1030 Walker Rd., Walkerville	
Wilson Charles Ltd., 519 Sherbourne St., Toronto	
Windsor Beverages, 1291 Albert., Windsor	
Wishing Well Beverages Ltd., 146 George St., Toronto	
Woodland Beverages Co. Ltd., 39 Metcalfe St., Woodstock	
Wynola Corporation, 1100 Queen St. W., Toronto	
Manitoba:	
Arctic Beverages Ltd., 314 Green St., Flin Flon	
Arctic Drink Mfg. Co., 862 Selkirk Ave., Winnipeg	
Bell Bottling Co. Ltd., 1087 Selkirk Ave., Winnipeg	
Bell Bottling Co. Ltd., Dauphin	
Blackwoods Beverages Ltd., 1850 Ellice Ave., Winnipeg	
Canada Dry Ltd., Golspic & Larsen Ave., Winnipeg	
Coca-Cola Ltd., 20-12th Street, Brandon	
Coca-Cola Ltd., 100 Dagmar St., Winnipeg	
Consolidated Fruit Co. Ltd., (Brandon), 529-10th Ave., Calgary	
Crush International Ltd., 590 King Edward St., St. James	
Dauphin Beverages Ltd., Second Ave. South West, Dauphin	
Forsythe Beverages Ltd., 1588 Main St., Winnipeg	
Northland Beverages Ltd., North Ave., Flin Flon	
Northwest Beverages, Dauphin	
Northwest Beverages Ltd., 2510 Park Ave., Brandon	
Pepsi-Cola Canada Ltd., Ottawa St., East Kildonan	
Portage Soda Water Works Ltd., 60 Tupper St. N., Portage la Prairie	
Selkirk Beverages Ltd., 474 Main St., Selkirk	
Zero Bottling Works, 90 Lorne St., Winnipeg	
Saskatchewan:	
Canada Dry Bottling Co. Ltd., 332 First Ave. N., Saskatoon	
Canora Beverages, Norway Road, Canora	
Coca-Cola Ltd., 1736 Cornwall St., Regina	
Coca-Cola Ltd., 265-3rd Ave. N., Saskatoon	
Consolidated Fruit Co. Ltd., (National Fruit Co., Moose Jaw), 529-10th Ave. W., Calgary	
Jackson Bottling Co. Ltd., The, 264 River St. W., Moose Jaw	
Laings Beverages, Gov't Rd. & 1st Ave., Weyburn	
Maple Leaf Beverages, 1022-103rd St., North Battleford	
Mel Hill Beverage Co. Ltd., 2100-1st Ave. Box 1007, Regina	
Nesbitt Bros. Bottling Co., 664 Broadway Ave., Saskatoon	
Nipawin Beverages, Nipawin	
Pachal's Beverages Ltd., 59 Agricultural Ave., Yorkton	
Polar Beverages Ltd., Chaplin & 12th St., Swift Current	
Saskatchewan - Concluded:	
Alberta:	
Blue Label Bottling Co. Ltd., 727-42nd Ave. S.E., Calgary	
Calgary Brewing & Malting Co. Ltd., 10715-101st St., Edmonton	
Canada Dry Ltd., 10309-81st Ave., Edmonton	
Chinook Soft Drinks Ltd., 2907 Second Ave. S., Lethbridge	
Coca-Cola Ltd., 6708 McLeod Trail, Calgary	
Coca-Cola Ltd., Edmonton	
Consolidated Fruit Co. Ltd., (National Fruit Co. Medicine Hat) 529-10th Ave. W., Calgary	
Crow's Nest Bottling Works, Victoria St., Blairmore	
Dominion Bottling Works Ltd., 9930-78th Ave., Edmonton	
Drumheller Bottling Works, 360 Railway Ave. E., Drumheller	
Grand Soft Drink Co. Ltd., Box 35, St. Paul	
Jubilee Beverages, 43rd St., Red Deer	
Northern Bottling Ltd., Grande Prairie	
Pepsi-Cola Canada Ltd., 12250-142nd St., Edmonton	
Polar Aerated Water Works Ltd., 129-3rd Ave. E., Calgary	
Prairie Rose Mfg. Co. Ltd., 9611-104th Ave., Edmonton	
Pratt George Ltd., Poplar Ave., Peace River	
Purity Bottling Works, 1421-3rd Ave. S., Lethbridge	
Red Deer Bottling Co., 4601-50th Ave., Red Deer	
Rocky Mountain Beverages, Grande Prairie	
St. Paul Beverages Ltd., St. Paul	
Seven-Up Bottling Co., 237-12th St., Lethbridge	
Shamrock Bottling Works, The, Park Drive, Medicine Hat	
Superior Beverages, 877-14th St., S.W., Medicine Hat	
Vermilion Beverages Ltd., Vermilion	
British Columbia:	
Canada Dry Ltd., 2777 Kingsway, Vancouver	
Canada Dry Bottling Co. Ltd., 629 David St., Victoria	
Caribou Dry Ltd., 405-2nd Ave., Prince George	
Coca-Cola Ltd., 1818 Cornwall St., Vancouver	
Columbia Bottling Works, 609 Ward St., Nelson	
Crystal Spring Beverage Co. Ltd., 540 John St., Victoria	
Dawson Creek Beverages Ltd., Dawson Creek	
Goodwill Bottling Ltd., 35 Erie St., Victoria	
Grayson's Beverages Ltd., 105-4th Avenue, Chilliwack	
Island Bottling Ltd., 20-5th Street, Nanaimo	
Kamloops Bottling Works, 289 Victoria St. West, Kamloops	
Kelowna Beverages Ltd., 1341 Ellis St., Kelowna	
Kootenay Soft Drinks Ltd., 2950 Highway Dr., Trail	
Lakeshore Bottling Co. Ltd., 131 Ellis St., Penticton	
Lucky Strike Bottling Works Ltd., 2120 Kingsway, Vancouver	
Mac's Beverages, 270 Front St., Penticton	
McCulloch's Aerated Waters Ltd., 3400 Coldstream Ave., Vernon	
Nanaimo Bottling Ltd., 70 Mill St., Nanaimo	
North Cariboo Beverages (1956) Ltd., Pouce Coupe	
North Star Bottling Works, 344 W. 2nd Ave., Prince Rupert	
Paul's Beverages, 2900-28th St., Vernon	
Pepsi-Cola Canada Ltd., 3525 Lougheed Highway, Vancouver	
Revelstoke Bottling Works, Charles St., Revelstoke	
Roses Ice Cream Ltd., 1420-2nd Ave., Prince George	
Selkirk Soft Drinks Ltd., Fernie Highway, Cranbrook	
Seven-Up (Kelowna) Ltd., 1097 Richee St., Kelowna	
Seven-Up (Vancouver) Ltd., 3132 Main St., Vancouver	
Shasta Beverages Ltd., 1360 Vulcan Way, Vancouver	
Silver King Beverages Ltd., 301 Vernon St., Nelson, B.C.	
Silver Tip Bottlers, 700 Victoria St., Kamloops	
Stubby Products Ltd., 2585 Beresford St., Burnaby	
Valley Beverages Ltd., 39 Hope St., Chilliwack	
Victoria Beverages Ltd., 2941 Bridge St., Victoria	
Wishing Well (Fraser Valley) Ltd., 6632 Clover Crescent, Milner	
Yukon:	
Northland Beverages Ltd., Whitehorse	
Whitehorse Beverages Ltd., Whitehorse	
Northwest Territories:	
Petersen & Auger Ltd., Yellowknife	

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1962 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and special reports on geographical distribution and on type of ownership and size of establishments.

With the publication of the results of the 1962 Census of Manufactures, the Bureau has completed a major revision in the classification and concept of its annual census of manufacturing establishments. Because of its size and complexity, this project had to be carried out in three stages. The first stage was the change in classification and the results of the 1960 Census, together with the re-compilation of the 1957, 1958 and 1959 Censuses were published in the 1960 reports on the basis of the revised Standard Industrial Classification. This part of the project was confined entirely to a re-coding of existing reporting units. The second stage consisted of the implementation of the new definition of the reporting unit i.e. "establishment" as it applied to **manufacturing activities** of manufacturing establishments (See following note on "Establishment"). Results of the 1961 Census reflected this change in concept and, in order to provide comparability of data for recent years, the 1961 reports contained principal statistics on the basis of the new establishment definition for years back to 1957.

The third stage which was the extension of the definition of the establishment to cover **total activities** of manufacturing establishments is reflected in the statistics for 1961 and 1962 contained in this report. This full implementation of the new definition of the establishment has resulted in an extension of the data to non-manufacturing activities of manufacturing establishments and in additional changes in the 1961 statistics of manufacturing activities. Statistics on manufacturing activities will continue to be shown separately as in the past but, beginning with 1961, data on all operations (total activity) of manufacturing establishments will also be given. By definition "total activity" relates to all operational data and excludes such non-operational items as rent, interest and dividends. In addition, statistics on man-hours paid will be included as part of the regular series of industry statistics. For many industries, adjustments and revisions were made to the 1961 data on **manufacturing activities** which were published during the second stage to bring them in line with reporting procedures followed in the 1962 Census and to reflect the final application of the new concept. The 1961 statistics on manufacturing activities contained in this report are thus not entirely comparable with those published in the 1961 reports. However, the 1961 statistics are shown in this publication in both their original and revised forms in order to provide a link with the immediate past. A more complete account of recent changes and additions and brief descriptions of the principal industry statistics are given in following sections of these notes.

Standard Industrial Classification

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures and applied to the results of the 1957, 1958 and 1959 censuses provides for a breakdown of the manufacturing universe into 140 industries arranged in 20 major groups. Custom Tailoring Shops is the only industry class in the Manufacturing Industries Division of the classification which is not covered in the annual Census of Manufactures. It is surveyed as part of the Decennial Census of Merchandising and Service Establishments. Of the 140 "three-digit" industry classes in the Manufacturing Industries Division, 21 are further broken down into 67 "four-digit" sub-classes. With the exception of the Wood Preservation and Sound Recording industries, the figures for which are at present confidential and have to be included with those of related industries, the statistics for all of the "four-digit" sub-classes are published regularly. Thus, at the Canada level, principal statistics are compiled for 183 industries. These cannot all be published separately by province because of the confidential nature of the data in certain provinces.

Reporting establishments are classified or allotted to specific industries in the classification system on the basis of the value of principal products made or shipped. In general, establishments primarily engaged in repair work (Shoe Repair Shops, Motor Vehicle Repair Shops etc.) are not included in manufacturing industries. Exceptions are establishments primarily engaged in furniture, ship, boat, aircraft and railroad rolling stock repairs which are classified to the manufacturing industries producing the products involved. Establishments primarily engaged in assembling parts into complete units have always been included in manufacturing industries.

Full details concerning the revised classification system are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics.

It should be noted that two new industries (Poultry Processors and Dental Laboratories) and three new groups of establishments (book publishers in the Publishing Industry, electro-plating establishments in the Metal Stamping, Pressing and Coating Industry and prescription branches in the Ophthalmic Goods Manufacturers Industry) have been included in the 1961 (revised) and 1962 Census statistics and will continue to be included thereafter. They were surveyed for the first time in the 1960 Census (1961 Census in the case of prescription branches) in line with the revised classification but, since they did not represent new production, they were removed from the 1960 and 1961 compilations published in the 1961 Census reports in order to provide complete comparability of data over the period 1957-61. Statistics for this period are repeated in the 1962 reports to supply a link with the revised 1961 data and the new 1962 statistics.

Establishment

The reporting unit in the Census of Manufactures is the **establishment**. The majority of establishments are firms, but many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described below.

Beginning with the 1961 Census of Manufactures the establishment is defined as follows:

"The smallest unit which is a separate operating entity capable of reporting all 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,
Inventories,
Shipments or sales."

Following is a description of the main features of the new establishment concept introduced in the 1961 Census, how they differ from those of the old "activity" concept and the steps taken to correct for breaks in continuity.

(a) The establishment is to be distinguished from smaller subdivisions or departments which do not have records that permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in activities which were classifiable to different industries. Beginning with 1961, separate reports for such activities are required only in cases where accounting records can provide the necessary input and output elements of principal statistics. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.¹

(b) A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were primarily engaged in manufacturing. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics.¹

¹ Most of these adjustments were made when the results of the 1961 Census were being compiled. Since publication of these results in the 1961 reports additional adjustments were made to the 1961 data, as noted earlier, and these are reflected, where applicable, in the revised 1961 statistics contained in this report.

Again, adjustments were made to reflect the removal of such reporting units for the period 1957-60. These reporting units are now listed as establishments in other Bureau surveys, such as Wholesale Trade, Construction etc. This has resulted in a somewhat smaller universe represented by the Census of Manufactures. In terms of overall 1960 Census results, the number of establishments transferred to other industries totalled 2,786 or 8% but these represented only 0.7% of total employment and of total value of shipments of manufactured products. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed by the Industry Division for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

(c) A manufacturing establishment may be, and often is, engaged in other activities in addition to its principal manufacturing activity. Prior to 1961 the main emphasis in the Census of Manufactures was on manufacturing activity. Beginning with 1961, each establishment reports on all the activities carried out within its accounting boundaries (except income from investments such as rent, interest and dividends) and data on different activities (manufacturing, trading in goods not of own manufacture, construction by own labour force, revenue from services etc.) are requested separately. However, the statistics published in the 1961 reports were confined to manufacturing activity only in order to maintain comparability with previous years and to permit a more thorough audit of the new data. The 1962 reports contain principal statistics on total activities of manufacturing establishments for 1961 and 1962 with the main elements of manufacturing activity shown separately as in the past. It should be noted that the statistics for separate activities are not completely consistent. Some respondents cannot distinguish in their records materials, shipments and inventories relating to own manufacturing activities from those relating to goods not of their own manufacture or to other activities and can report operational data in total only under manufacturing activity. This situation has always existed, however, and is not considered important enough to invalidate the use of the data in the measurement of manufacturing as an "activity". The values assigned by the respondent to materials and shipments of own manufactured goods include costs in varying degrees that relate to internal (to the establishment) transportation, warehousing and selling activities, but it is not possible to make adjustments to arrive at a uniform valuation for manufacturing activity only; although valuation at the establishment "boundary" must be accepted, the items valued under manufacturing activities still relate, in most cases, to "goods of own manufacture". In the case of employment only data on manufacturing production workers and manufacturing man-hours can be assigned, in total, to manufacturing activity; administrative and office employees can seldom be allocated to separate activities.

Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level, and for studies or statistical measures requiring accurate co-ordinated data, the "total" statistics should be used.

(d) Additional changes resulted from intensive editing and follow-up consistent with the introduction of the new concept. An example of such changes is the provision for the elimination, in total, of sales taxes and outward transportation charges from value of shipments. Prior to 1961, although the value of shipments for each product was requested excluding taxes and transportation charges, no allowance had been made for the reporting of these items in total when the respondents' records did not permit their deduction from the values of the individual products. Another example is a change in the valuation of shipments where, prior to 1961, a manufacturing company operating warehouses or sales outlets was reporting value of shipments in terms of an estimated manufacturer's price in accordance with the old activity concept, even though his records were not kept on this basis. Since the accounting boundary in such cases extends to distribution operations, the respondent was instructed in 1961 to report shipments at the final selling price in order to obtain more realistic and accurate data.² Adjustments were made to the value of shipments for the period 1957-60 to reflect such changes and maintain continuity of the shipments data. Since no actual data to make these corrections were available for back years, 1961 adjustment ratios were applied to the previous years for each industry affected, on the assumption that the valuation changes in 1961 applied in equal proportions to the preceding period.³

(e) The new concept also demands that inventories held apart from plant be included with plant inventories if establishment boundaries extend to warehouses and sales outlets. Prior to 1961, compilations took into account only the inventories held at plant. In this case, however, most of the missing data were available from supplementary questions in the Annual Census and from the Monthly Inventories and Shipments Survey and actual corrections could be made for previous years.

² Some manufacturing firms operate sales branches or selling warehouses as separate sales establishments for which complete accounting records of receipts, expenses, employment and sales are maintained. In such cases the plants, in effect, "sell" to the sales outlets on much the same basis as they would to independent buyers. The value of plant shipments is based on factory prices and the "boundary" of the manufacturing establishment does not extend beyond the plant. The sales outlets in such cases constitute separate sales establishments and are classified to wholesale or retail trade. Some sales outlets of manufacturing firms, although they physically handle products of the plants, do not maintain separate accounts and are generally treated for statistical purposes as extensions of manufacturing operations. Special arrangements were made for separate reporting in a few cases where the treatment of such outlets as manufacturing extensions would seriously affect the significance of statistics for particular manufacturing and trade industries.

³ See footnote 1.

(f) Prior to 1961 the Census of Manufactures did not have complete coverage of head and administrative offices and had never surveyed separate sales offices, warehouses or laboratories operated by manufacturing firms. Beginning with the 1961 survey, complete coverage of these auxiliary units was effected. In the past the employment and salaries and wages of those head and administrative offices that were surveyed were either coded in total to the industry in which the greatest portion of the company's manufacturing activities was classified or else, in the case of certain large multi-unit firms with establishments in several industries, were pro-rated among the different industries involved. In the original 1961 statistics published in 1961 reports, the same coverage and treatment of head offices was applied to maintain comparability over the 1957-61 period. Beginning with the revised 1961 statistics, all head offices and auxiliary units are covered and are processed according to the methods described below.

1. Single-Establishment Companies

In the great majority of cases central administrative and executive personnel of companies consisting only of one establishment are generally located at the site of the manufacturing plant and are automatically included in the plant reports. Where head offices and auxiliary units are geographically separate from plant locations and employ a sizeable number of workers they are surveyed on special questionnaires.

Separately located head offices, sales offices, administrative offices and other separate auxiliary units (laboratories, warehouses, etc.) do not usually constitute separate establishments⁴ for purposes of industry statistics since they do not normally generate operational revenues but give rise only to costs of operation (mainly salaries and wages) which make up part of the selling price of manufactured products and which are thus included in the value of shipments or sales. Where such units belong to single-establishment companies, they will be considered as extensions of the establishment's boundaries and their operations consolidated with the establishment's total activity.

2. Multi-Establishment Companies

In the case of companies with more than one establishment the following rules are applied:

(i) Where all the establishments of a company are classified to the same (three-digit) industry, the head office and other auxiliary units are coded to that same industry.

(ii) Where the establishments of a company are not all classified to the same (three-digit) industry but are coded to different industries, or industries in different industry groups or even different divisions

⁴ See footnote 2 for exceptions.

of the Standard Industrial Classification, the inclusion of data for head office and auxiliary units in any one of the (three-digit) industries concerned would distort the relationship between items of principal statistics. In such cases, the auxiliary units are coded at the group (two-digit) level in tabulations of industry statistics. Where multi-establishment companies cut across group or major division lines of the Classification, the head office and auxiliary units will be coded to the (two-digit) industry group in which the major part of the company's operations are classified. Although this may result in some distortion of (two-digit) industry group statistics it will eliminate distortion within groups as it will leave statistics at the (three-digit) industry level free of these company-wide data.

Period Covered

Respondents are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. However, the data on employees, salaries, wages and man-hours are requested on a calendar year basis in all cases.

When establishments are operated for only a portion of a year, a report is required covering the period of operation.

Working Owners or Partners

Beginning with the revised 1961 statistics working owners and partners of unincorporated businesses are shown as a separate category in the principal statistics and are neither included in the number of employees nor in 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. In all previous reports of the Census of Manufactures these workers were included as part of the number of administrative and office employees and their withdrawals were included as part of salaries. Withdrawals are defined as amounts withdrawn by owners or partners for normal living expenses, excluding withdrawals for payment of income tax.

Number of Establishments

The number of establishments represents the number of operating units (accounting entities as per the new definition of the establishment) for which separate reports are submitted. Head offices located apart from establishments and which are surveyed separately and separate sales and administrative auxiliaries that are treated as extensions of manufacturing activities are not included in the establishment count. However, the operational statistics (employment, salaries etc.) of such auxiliary units which are coded at the "three-digit"

level are included in the principal statistics of industries coded at the same level; those units coded at the "two-digit" level are included with the statistics for groups of industries.

Employees

As noted above, the number of working owners and partners are excluded from the number of employees, beginning with the revised 1961 statistics. This change brings the definition of "employees" in the Census of Manufactures in line with that of "employees" in the Bureau's monthly Employment Survey and with that of "paid workers" in the Bureau's Labour Force Survey. For purposes of historical comparisons, the number of working owners and partners should be added to total employees (beginning with the revised 1961 data) in order to correspond with the figure of "total employees" published in previous reports concerned with the Annual Census of Manufactures.

In addition to production and related workers engaged in manufacturing activities, total employees include administrative, office, sales and distribution workers as well as any production workers employed in non-manufacturing activities such as construction undertaken for the use of the establishment by its own employees (when these are treated as a separate work force) or logging (mostly in connection with sawmills or planing mills). Number of employees represents as closely as possible equivalent annual full-time employment. Adjustments are made when reported figures indicate the existence of part-time or seasonal employment.

Administrative and office employees include all executive and supervisory officials such as presidents, vice-presidents, controllers, secretaries, treasurers etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical etc. Sales and distribution workers include office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truck drivers and their helpers, etc. They exclude persons working on a commission basis who are not considered regular employees.

Production and related workers in manufacturing activities include, in addition to those engaged in processing and assembling, those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees in related activities such as maintenance, repair, janitorial and watchman services. Working foremen doing similar work to that of employees they supervise are also included. Production workers employed in non-manufacturing activities such as construction undertaken for the use of the establishment, logging

employees or outside piece-workers employed in certain industries are excluded from the number of production and related workers but are part of the total number of employees in those industries.

Production and related workers 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 twelve. This procedure is followed even though the plant did not operate in all months in order to derive equivalent annual full-time employment. The numbers are somewhat affected by turn over, in that employment is overstated when an employee changes employment within the same industry during a pay period. Other categories of workers are reported in the form of annual averages. Figures on employment and man-hours refer to the calendar year whether or not some establishments report other data on a financial year basis.

Man-hours of production and related workers in manufacturing activities represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays etc.). In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in **average** hourly earnings and does **not** represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

Salaries and Wages

Salaries and Wages refer to gross earnings of the employees described above, **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 workers' earnings. Payments for overtime are included.

Wages refer to amounts paid to production and related workers engaged in manufacturing operations as defined above. Salaries refer to amounts paid to all other categories of employees including relatively small numbers of production workers engaged in construction and extractive operations or who are employed as outside piece-workers. Figures on salaries and wages refer to the calendar year whether or not some establishments reported other data on a financial year basis.

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.

Materials and Supplies

(a) Used in 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. The statistics represent only commodity items or physical goods (costs 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. Respondents are required to report materials and supplies **used not purchased**. 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) Purchases for resale as such. Figures represent the 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.

(c) 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. Value of construction and repair work done by outside contractors is 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 medical supplies, laboratory supplies etc.

Shipments

In general the figures represent revenue from all production, sales, services and related activities of reporting establishments. Non-operating revenues such as rent, interest and dividends and the sale of used fixed assets are excluded.

(a) 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 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. (See notes on "Establishment").

Such shipments are net of returned goods, and value figures at the establishment exclude discounts, returns, allowances, sales taxes and excise duties, returnable containers, and charges for outward transportation by common or contract carriers. Transportation or delivery expenses incurred by the reporting establishments' own carriers are not deducted.

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 form B.13 "Customs Canada, Export Entry" has been completed, are treated as shipments.

In four industries, viz. Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair, where work on principal products extends over a relatively long period, the value of production, rather than the value of shipments, is recorded. For these industries value of production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on units delivered in the year under review. Adjustments to the value of shipments are also made for firms in these industries and in some other industries which operate on the basis of progress payments. The latter are treated as sales and not as inventory, so that for firms which use a progress payments account, an adjustment to the value of shipments is made for the net change in this account during the year.

(b) Shipments of goods not of own manufacture

These figures represent the net selling value at the establishment (less discounts, returns, allowances, sales taxes and excise duties 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 goods on a rental basis value of shipments represents the book value of such goods. All sales of consignment goods from other countries are included.

(c) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs and alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishments' 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 establishments' own employees, such as revenue from goods produced for rental (the book value of such goods are included as part of factory shipments), servicing revenues, commissions on sales (when not included in value of sales), revenue from company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishments' 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 inventory

Values represent the book value of manufacturing inventory owned in Canada. The value of inventory held for which progress payments have been received is treated as shipments and is not included in inventory owned. 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. Inventory owned abroad has already been reported as shipments and is excluded.

(b) Inventory of goods purchased for re-sale

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by reporting establishments and held at the plants and at any warehouses or selling outlets which are treated as extensions of establishments. Inventory owned in transit in Canada or on consignment in Canada is included.

Because of changes in classification, the receipt of revised data, the inclusion of new establishments or the removal of old establishments which did not operate during the latest year, the opening inventory for the latest year does not necessarily coincide with the closing inventory of the preceding year.

Value Added

(a) By manufacturing activities

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

(b) By total activities

Figures consist of value added by manufacturing activities plus value added by non-manufacturing activities and is compiled by deducting the cost of goods purchased for re-sale and the cost of other materials and supplies used from the value of shipments of goods not of own manufacture plus other revenue, adjusted for changes in the value of inventories of goods purchased for re-sale.

"Value added" is sometimes referred to as net production. However, to arrive at the National Accounts concept of net production, or "Gross domestic product at factor cost", it would be necessary to subtract also the cost of advertising, insurance and other business expenses which are not collected in 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.

Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking for only a limited amount of detail. For purposes of publication, missing data were estimated on the basis of appropriate ratios. Beginning with the 1959 census, the general limit for short forms was raised from \$50,000 (the limit used since 1949) to \$100,000 value of shipments and a new medium form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the

short and medium forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

Prior to 1961, the short form was limited to a question on the principal items of factory shipments. In the 1961 and 1962 censuses, in addition to the question on shipments of goods of own manufacture, general questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity and inventories, were estimated by using ratios based on the change in the value of shipments reported in 1961 and 1962. This was done to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportions of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

Beginning with the 1963 census, general questions on total purchases of materials, fuel and electricity and on total inventory were added on the short forms. The two questions, however, were designed so that the data can be easily derived from respondents' regular accounting records. This will permit a complete tabulation of principal statistics without the necessity of estimating missing items and will result in increased accuracy for rural area statistics where small firms account for a relatively important part of industrial output.

The addition of extra questions on the short form in recent years has also permitted an increase in the cut-off limits for short forms in many industries. This has meant that many more firms are now receiving the short form instead of the long or medium form. It has also resulted in the withdrawal of the medium form in a number of industries, thus further simplifying collection and tabulation procedures.



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