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# SOFT DRINK MANUFACTURERS

1964

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## SOFT DRINK MANUFACTURERS 1964

Tabular presentations of statistical data in this publication are aligned to show **Manufacturing activity and Total activity** of the establishments classified to this industry.

Soft Drink Manufacturers perform two distinct industrial operations:

1. Manufacture of concentrates or syrups for use in making soft drinks.
2. Combining concentrates or syrups with carbon dioxide gas and water to produce the beverages which are bottled or canned for distribution.

Firms may conduct the respective operations in varying degrees but the greater number of establishments are bottlers only. The industry tends to locate in urban areas where distribution presents fewer problems.

### 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.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

Year and province	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961													
<b>Totals</b> .....	502	5,095	11,338	16,150	4,381	52,871	172,697	116,118	162	721	12,961	48,510	117,460
1962													
<b>Totals</b> .....	506	5,252	11,555	16,936	4,668	55,985	180,265	119,759	170	902	13,361	50,917	121,072
1963													
Newfoundland .....	10	116	244	324	79	1,714	3,931	2,139	-	-	193	621	2,327
Prince Edward Island .....	5	20	44	48	17	235	663	412	x	x	47	132	413
Nova Scotia .....	26	191	431	550	172	2,530	6,562	3,869	x	x	445	1,505	3,935
New Brunswick .....	22	152	338	430	171	1,754	4,644	2,735	8	48	350	1,216	2,728
Quebec .....	172	1,978	4,416	6,943	1,634	27,456	82,944	54,001	67	368	5,185	20,095	54,881
Ontario .....	155	1,787	4,009	6,696	1,615	23,913	68,395	42,714	59	262	4,704	20,616	43,541
Manitoba .....	17	211	464	736	252	3,497	9,291	5,546	x	x	654	2,557	5,680
Saskatchewan .....	24	185	390	585	246	2,533	6,597	3,811	8	31	425	1,571	3,812
Alberta .....	25	261	552	910	291	3,607	9,529	5,633	x	x	654	2,606	5,658
British Columbia .....	33	257	529	970	276	4,056	10,889	6,593	x	x	647	2,820	6,619
Yukon and Northwest Territories	3	5	10	12	8	40	149	101	-	-	12	49	107
<b>Totals</b> .....	492	5,163	11,427	18,204	4,761	71,334	203,595	127,554	154	769	13,316	53,788	129,702
1964													
Newfoundland .....	10	122	267	369	82	1,759	3,972	2,122	-	-	200	698	2,234
Prince Edward Island .....	4	20	44	47	20	247	660	393	x	x	47	134	392
Nova Scotia .....	24	173	386	530	170	2,624	6,677	3,893	4	18	434	1,509	4,060
New Brunswick .....	22	146	314	420	185	1,917	5,043	2,962	7	43	378	1,301	3,028
Quebec .....	170	1,998	4,534	7,344	1,700	29,501	89,078	58,020	56	329	5,218	21,861	59,851
Ontario .....	154	1,883	4,128	7,241	1,682	26,783	74,710	46,625	47	221	4,844	22,066	47,951
Manitoba .....	16	223	483	783	261	3,224	9,517	6,037	x	x	632	2,600	6,099
Saskatchewan .....	23	176	376	579	256	2,776	7,048	4,022	6	28	415	1,641	4,086
Alberta .....	24	230	514	874	309	3,637	9,659	5,721	x	x	626	2,668	5,858
British Columbia .....	31	250	539	996	268	4,515	11,935	7,145	5	9	645	2,937	7,329
Yukon and Northwest Territories	3	5	11	13	8	57	152	87	-	-	14	50	122
<b>Totals</b> .....	481	5,226	11,595	19,196	4,942	77,040	218,452	137,027	129	683	13,453	57,465	141,009

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

Size group	Estab-lish-ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.	'000			\$'000				\$'000		\$'000		
<b>1963</b>													
Under \$10,000 .....	18	3	9	10	2	34	86	50	16	22	4	14	58
\$ 10,000 to \$ 24,999 .....	20	15	30	37	8	144	355	203	18	52	24	55	221
25,000 " 49,999 .....	38	86	173	228	60	589	1,415	768	32	108	128	342	830
50,000 " 99,999 .....	75	304	650	871	241	2,340	5,850	3,273	32	152	489	1,513	3,480
100,000 " 199,999 .....	110	610	1,311	1,748	638	6,500	15,920	8,824	44	284	1,302	4,157	8,980
200,000 " 499,999 .....	149	1,335	2,945	4,056	1,474	18,266	45,792	26,108	8	115	3,274	11,810	26,467
500,000 " 999,999 .....	47	788	1,755	2,732	743	12,026	31,720	18,998	4	35	2,081	8,475	19,354
1,000,000 " 4,999,999 .....	31	1,358	3,087	5,387	1,208	21,971	63,545	40,162	-	-	4,089	17,269	40,844
5,000,000 and over .....	4	864	1,467	3,135	387	9,484	38,910	29,168	-	-	1,676	8,506	29,603
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	249	1,647	(134)
<b>Totals .....</b>	<b>492</b>	<b>5,163</b>	<b>11,427</b>	<b>18,204</b>	<b>4,761</b>	<b>71,334</b>	<b>203,595</b>	<b>127,554</b>	<b>154</b>	<b>769</b>	<b>13,316</b>	<b>53,788</b>	<b>129,702</b>
<b>1964</b>													
Under \$10,000 .....	18	2	5	6	3	35	88	50	13	27	3	9	51
\$ 10,000 to \$ 24,999 .....	19	18	39	59	10	141	355	204	16	48	29	85	243
25,000 " 49,999 .....	27	55	116	155	41	412	1,015	563	18	57	90	247	610
50,000 " 99,999 .....	71	230	491	696	227	2,211	5,519	3,074	33	158	449	1,453	3,338
100,000 " 199,999 .....	107	515	1,112	1,566	592	6,237	15,192	8,394	38	224	1,132	3,908	8,601
200,000 " 499,999 .....	150	1,304	2,876	4,046	1,505	19,179	47,145	26,555	6	58	3,231	12,079	27,074
500,000 " 999,999 .....	51	845	1,866	2,934	831	12,431	33,873	20,627	5	112	2,120	8,860	21,310
1,000,000 " 4,999,999 .....	35	1,469	3,296	5,961	1,241	24,564	69,367	43,916	-	-	4,040	18,014	45,046
5,000,000 and over .....	5	788	1,795	3,772	491	11,831	45,897	33,645	-	-	2,088	10,896	34,859
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	271	1,913	(122)
<b>Totals .....</b>	<b>481</b>	<b>5,226</b>	<b>11,595</b>	<b>19,196</b>	<b>4,942</b>	<b>77,040</b>	<b>218,452</b>	<b>137,027</b>	<b>129</b>	<b>683</b>	<b>13,453</b>	<b>57,465</b>	<b>141,009</b>

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

Size group	Estab-lish-ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.	'000			\$'000				\$'000		\$'000		
<b>1963</b>													
Under \$10,000 .....	27	11	25	29	4	86	207	117	23	40	14	36	127
\$ 10,000 to \$ 24,999 .....	43	65	132	174	58	602	1,390	732	40	132	107	276	812
25,000 " 49,999 .....	65	267	566	765	197	2,209	4,926	2,529	29	128	406	1,262	2,738
50,000 " 99,999 .....	114	594	1,274	1,744	612	6,227	15,099	8,290	46	279	1,259	4,010	8,443
100,000 " 199,999 .....	119	944	2,086	2,792	1,074	12,722	31,005	17,254	8	66	2,281	8,021	17,394
200,000 " 499,999 .....	83	1,143	2,536	3,739	1,110	16,447	43,279	25,785	8	124	2,896	11,227	26,219
500,000 " 999,999 .....	20	517	1,159	1,969	515	8,878	24,169	14,805	-	-	1,529	6,125	14,908
1,000,000 " 4,999,999 .....	18	1,066	2,462	4,275	919	16,126	50,542	33,290	-	-	3,222	14,350	33,980
5,000,000 and over .....	3	556	1,186	2,717	274	8,038	32,986	24,753	-	-	1,353	6,835	25,214
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	249	1,647	(134)
<b>Totals .....</b>	<b>492</b>	<b>5,163</b>	<b>11,427</b>	<b>18,204</b>	<b>4,761</b>	<b>71,334</b>	<b>203,595</b>	<b>127,554</b>	<b>154</b>	<b>769</b>	<b>13,316</b>	<b>53,788</b>	<b>129,702</b>
<b>1964</b>													
Under \$10,000 .....	23	4	9	14	7	89	196	101	21	49	10	32	140
\$ 10,000 to \$ 24,999 .....	36	52	110	151	43	611	1,250	590	27	88	88	244	694
25,000 " 49,999 .....	57	177	377	531	169	1,701	4,070	2,200	27	119	330	1,053	2,369
50,000 " 99,999 .....	112	521	1,124	1,592	588	5,930	14,557	8,056	37	205	1,105	3,744	8,294
100,000 " 199,999 .....	119	932	2,047	2,803	1,086	13,354	31,878	17,482	12	110	2,265	8,194	17,728
200,000 " 499,999 .....	86	1,108	2,449	3,713	1,164	16,279	43,929	26,559	5	112	2,803	11,322	27,208
500,000 " 999,999 .....	26	885	1,534	2,657	614	12,650	32,363	19,131	-	-	1,757	7,830	19,726
1,000,000 " 4,999,999 .....	19	1,178	2,717	4,876	983	17,899	55,848	37,128	-	-	3,414	15,679	38,319
5,000,000 and over .....	3	569	1,229	2,858	287	8,528	34,559	25,781	-	-	1,410	7,455	26,654
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	271	1,913	(122)
<b>Totals .....</b>	<b>481</b>	<b>5,226</b>	<b>11,595</b>	<b>19,196</b>	<b>4,942</b>	<b>77,040</b>	<b>218,452</b>	<b>137,027</b>	<b>129</b>	<b>683</b>	<b>13,453</b>	<b>57,465</b>	<b>141,009</b>

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
<b>1963</b>													
Under \$10,000 .....	25	8	19	23	3	75	181	103	22	36	11	30	105
\$ 10,000 to \$ 24,999 .....	39	61	123	160	49	523	1,198	628	35	116	92	240	656
25,000 " 49,999 .....	62	236	498	675	174	1,937	4,366	2,264	33	139	364	1,092	2,345
50,000 " 99,999 .....	120	616	1,321	1,809	622	6,353	15,392	8,445	47	281	1,280	4,103	8,676
100,000 " 199,999 .....	121	953	2,108	2,815	1,084	12,625	31,158	17,289	9	73	2,298	8,052	17,493
200,000 " 499,999 .....	84	1,150	2,551	3,761	1,121	16,580	43,611	25,977	8	124	2,918	11,316	26,460
500,000 " 999,999 .....	20	517	1,159	1,969	515	8,878	24,160	14,805	-	-	1,529	6,125	14,908
1,000,000 " 4,999,999 .....	18	1,066	2,462	4,275	919	16,126	50,542	33,290	-	-	3,222	14,350	33,980
5,000,000 and over .....	3	556	1,186	2,717	274	8,038	32,986	24,753	-	-	1,353	6,835	25,214
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	249	1,647	(134)
<b>Totals .....</b>	<b>492</b>	<b>5,163</b>	<b>11,427</b>	<b>18,204</b>	<b>4,761</b>	<b>71,334</b>	<b>203,595</b>	<b>127,554</b>	<b>154</b>	<b>769</b>	<b>13,316</b>	<b>53,788</b>	<b>129,702</b>
<b>1964</b>													
Under \$10,000 .....	20	2	6	8	5	55	139	80	16	37	5	20	80
\$ 10,000 to \$ 24,999 .....	34	47	101	140	39	516	1,075	521	29	96	76	203	567
25,000 " 49,999 .....	52	156	334	472	132	1,513	3,509	1,863	27	113	282	891	1,951
50,000 " 99,999 .....	118	523	1,119	1,583	609	5,999	14,722	8,118	39	207	1,123	3,785	8,470
100,000 " 199,999 .....	121	929	2,050	2,811	1,092	13,253	31,779	17,484	13	118	2,238	8,098	17,644
200,000 " 499,999 .....	88	1,137	2,506	3,790	1,182	16,627	44,657	26,921	5	112	2,877	11,592	27,720
500,000 " 999,999 .....	24	635	1,416	2,482	559	11,609	29,366	17,228	-	-	1,603	7,224	17,622
1,000,000 " 4,999,999 .....	21	1,228	2,835	5,051	1,038	18,940	58,644	39,031	-	-	3,568	16,284	40,423
5,000,000 and over .....	3	569	1,229	2,858	287	8,528	34,559	25,781	-	-	1,410	7,455	26,654
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	271	1,913	(122)
<b>Totals .....</b>	<b>481</b>	<b>5,226</b>	<b>11,595</b>	<b>19,196</b>	<b>4,942</b>	<b>77,040</b>	<b>218,452</b>	<b>137,027</b>	<b>129</b>	<b>683</b>	<b>13,453</b>	<b>57,465</b>	<b>141,009</b>

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
<b>1963</b>													
Under 5 employed .....	70	73	152	195	56	840	1,913	1,018	58	163	107	302	1,112
5- 14 employed .....	184	889	1,901	2,573	840	8,748	21,671	12,126	76	394	1,625	5,419	12,496
15- 49 " .....	194	1,963	4,325	6,160	2,082	28,180	73,219	42,703	20	212	4,881	18,089	43,547
50- 99 " .....	22	521	1,164	2,035	487	8,713	28,244	19,118	-	-	1,574	6,794	19,056
100-199 " .....	14	617	1,434	2,361	547	9,985	27,694	17,227	-	-	1,955	7,763	17,406
200-499 " .....	8	1,100	2,452	4,881	748	14,867	50,853	35,364	-	-	2,925	13,774	36,219
500 employed and over .....	8	1,100	2,452	4,881	748	14,867	50,853	35,364	-	-	2,925	13,774	36,219
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	249	1,647	(134)
<b>Totals .....</b>	<b>492</b>	<b>5,163</b>	<b>11,427</b>	<b>18,204</b>	<b>4,761</b>	<b>71,334</b>	<b>203,595</b>	<b>127,554</b>	<b>154</b>	<b>769</b>	<b>13,316</b>	<b>53,788</b>	<b>129,702</b>
<b>1964</b>													
Under 5 employed .....	63	59	133	187	55	875	1,871	934	50	155	97	308	1,016
5- 14 employed .....	185	795	1,708	2,435	895	9,418	23,407	13,123	62	329	1,668	5,857	13,662
15- 49 " .....	186	1,957	4,297	6,340	2,100	29,337	74,689	43,353	17	199	4,774	18,609	44,328
50- 99 " .....	25	617	1,400	2,406	578	10,119	29,231	18,807	-	-	1,739	7,598	19,497
100-199 " .....	14	632	1,453	2,467	559	11,284	34,165	22,403	-	-	1,938	8,470	22,730
200-499 " .....	8	1,166	2,604	5,361	754	16,007	55,089	38,407	-	-	2,966	14,710	39,898
500 employed and over .....	8	1,166	2,604	5,361	754	16,007	55,089	38,407	-	-	2,966	14,710	39,898
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	271	1,913	(122)
<b>Totals .....</b>	<b>481</b>	<b>5,226</b>	<b>11,595</b>	<b>19,196</b>	<b>4,942</b>	<b>77,040</b>	<b>218,452</b>	<b>137,027</b>	<b>129</b>	<b>683</b>	<b>13,453</b>	<b>57,465</b>	<b>141,009</b>

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

Type of organization	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			'000			'000		'000		
<b>1963</b>													
Individual ownerships .....	84	235	494	638	229	2,463	5,916	3,237	79	338	401	1,172	3,317
Partnerships .....	38	154	329	475	164	1,956	5,071	2,946	74	426	294	977	2,988
Incorporated companies .....	370	4,774	10,604	17,091	4,368	66,915	192,607	121,371	1	4	12,372	49,992	123,530
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	249	1,647	(134)
<b>Totals .....</b>	<b>492</b>	<b>5,163</b>	<b>11,427</b>	<b>18,204</b>	<b>4,761</b>	<b>71,334</b>	<b>203,595</b>	<b>127,554</b>	<b>154</b>	<b>769</b>	<b>13,316</b>	<b>53,788</b>	<b>129,702</b>
<b>1964</b>													
Individual ownerships .....	78	181	390	532	211	2,346	5,384	2,842	73	320	358	1,070	2,936
Partnerships .....	28	131	283	402	131	1,577	3,947	2,246	56	363	246	835	2,322
Incorporated companies .....	375	4,914	10,922	18,262	4,600	73,117	209,121	131,938	...	...	12,578	53,647	135,875
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	271	1,913	(122)
<b>Totals .....</b>	<b>481</b>	<b>5,226</b>	<b>11,595</b>	<b>19,196</b>	<b>4,942</b>	<b>77,040</b>	<b>218,452</b>	<b>137,027</b>	<b>129</b>	<b>683</b>	<b>13,453</b>	<b>57,465</b>	<b>141,009</b>

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

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
	\$'000					
<b>Output</b>						
1. Shipments and other revenue .....	203,595	218,452	13,794	16,394	217,389	234,846
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	78	93	...	...	78	93
Finished goods .....	2,896	3,614	...	...	2,896	3,614
Deduct opening—Goods in process .....	84	92	...	...	84	92
Finished goods .....	2,834	3,058	...	...	2,834	3,058
2. Net inventory change .....	56	557	...	...	56	557
3. Gross output (1 + 2) .....	203,651	219,009	13,794	16,394	217,445	235,403
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	10,836	11,634	10,836	11,634
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	1,805	1,921	1,805	1,921
Deduct closing .....	...	...	1,843	2,030	1,843	2,030
5. Cost of goods sold (not of own manufacture) .....	...	...	10,798	11,525	10,798	11,525
6. Materials, supplies, etc. ....	71,334	77,040	849	887	72,183	77,927
7. Fuel and electricity .....	4,761	4,942	...	...	4,761	4,942
8. Gross input (5 + 6 + 7) .....	76,095	81,982	11,647	12,412	87,742	94,394
<b>Value added (3 - 8) .....</b>	<b>127,554</b>	<b>137,027</b>	<b>2,147</b>	<b>3,982</b>	<b>129,702</b>	<b>141,009</b>



TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1963															
Newfoundland .....	94	22	-	-	28	9	40	-	162	31	324	-	178	119	621
Prince Edward Island .....	16	4	-	-	4	3	20	-	40	7	48	-	25	59	132
Nova Scotia .....	188	3	-	-	66	26	162	-	416	29	550	-	421	534	1,505
New Brunswick .....	151	1	-	-	41	23	132	2	324	26	430	-	328	457	1,216
Quebec .....	1,923	55	19	-	613	245	2,324	6	4,879	306	6,943	67	4,510	8,575	20,095
Ontario .....	1,713	74	34	1	663	390	1,804	25	4,214	490	6,696	140	6,123	7,657	20,616
Manitoba .....	194	17	-	-	74	43	326	-	594	60	736	-	584	1,237	2,557
Saskatchewan .....	158	27	-	-	49	23	168	-	375	50	585	-	335	651	1,571
Alberta .....	223	38	-	-	68	38	286	1	577	77	910	-	528	1,169	2,606
British Columbia .....	237	20	-	-	95	55	240	-	572	75	970	-	733	1,117	2,820
Yukon and Northwest Terri- tories .....	5	-	-	-	5	2	-	-	10	2	12	-	37	-	49
<b>Totals .....</b>	<b>4,902</b>	<b>261</b>	<b>53</b>	<b>1</b>	<b>1,706</b>	<b>857</b>	<b>5,502</b>	<b>34</b>	<b>12,163</b>	<b>1,153</b>	<b>18,204</b>	<b>207</b>	<b>13,802</b>	<b>21,575</b>	<b>53,788</b>
1964															
Newfoundland .....	97	25	-	-	26	9	43	-	166	34	369	-	160	169	698
Prince Edward Island .....	16	4	-	-	6	3	18	-	40	7	47	-	28	59	134
Nova Scotia .....	170	3	-	-	51	23	187	-	408	26	530	-	383	596	1,509
New Brunswick .....	145	1	-	-	43	26	160	3	348	30	420	-	364	517	1,301
Quebec .....	1,935	63	15	-	602	241	2,342	20	4,894	324	7,344	56	4,975	9,487	21,861
Ontario .....	1,796	87	16	1	665	407	1,861	11	4,338	506	7,241	69	6,403	8,354	22,066
Manitoba .....	201	22	-	-	78	43	288	-	567	65	783	-	615	1,202	2,600
Saskatchewan .....	150	26	-	-	44	23	172	-	366	49	579	-	340	722	1,641
Alberta .....	199	31	2	-	72	35	285	2	558	68	874	9	545	1,241	2,668
British Columbia .....	230	20	-	-	85	55	255	-	570	75	996	-	717	1,224	2,937
Yukon and Northwest Terri- tories .....	5	-	-	-	3	2	4	-	12	2	13	-	22	14	50
<b>Totals .....</b>	<b>4,944</b>	<b>282</b>	<b>33</b>	<b>1</b>	<b>1,675</b>	<b>867</b>	<b>5,615</b>	<b>36</b>	<b>12,267</b>	<b>1,186</b>	<b>19,196</b>	<b>134</b>	<b>14,550</b>	<b>23,585</b>	<b>57,465</b>

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

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January .....	3,655	204	3,994	232
February .....	3,644	200	3,968	227
March .....	3,725	210	4,025	234
April .....	3,934	228	4,269	239
May .....	4,399	248	4,644	255
June .....	4,942	264	4,878	251
July .....	5,293	278	5,060	256
August .....	4,898	268	4,807	258
September .....	4,181	240	4,382	249
October .....	3,942	223	4,154	239
November .....	4,006	235	4,136	250
December .....	4,061	233	4,238	255
Averages .....	4,235	231	4,381	249
Establishments reporting annual averages (small establishments only) .....	667	30	563	33
Average for all establishments .....	4,902	261	4,944	282

TABLE 10. Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	290	1	58	349	32	381
Prince Edward Island .....	13	-	7	20	-	20
Nova Scotia .....	195	7	82	284	18	301
New Brunswick .....	123	1	73	198	40	237
Quebec .....	2,912	33	856	3,801	430	4,231
Ontario .....	2,993	36	1,475	4,505	860	5,365
Manitoba .....	343	3	76	422	235	657
Saskatchewan .....	173	2	90	265	43	308
Alberta .....	393	1	130	524	64	588
British Columbia .....	408	8	208	624	198	822
Yukon and Northwest Territories .....	9	-	3	11	-	11
<b>Totals .....</b>	<b>7,851</b>	<b>92</b>	<b>3,058</b>	<b>11,001</b>	<b>1,921</b>	<b>12,922</b>
Closing:						
Newfoundland .....	194	1	49	245	28	272
Prince Edward Island .....	17	-	6	23	-	23
Nova Scotia .....	221	5	94	320	14	335
New Brunswick .....	146	1	94	241	37	278
Quebec .....	2,931	32	999	3,962	473	4,435
Ontario .....	3,262	38	1,853	5,154	970	6,124
Manitoba .....	278	4	81	363	185	548
Saskatchewan .....	216	3	96	314	56	371
Alberta .....	278	1	138	416	67	483
British Columbia .....	387	8	201	597	201	798
Yukon and Northwest Territories .....	8	-	3	10	-	10
<b>Totals .....</b>	<b>7,938</b>	<b>93</b>	<b>3,614</b>	<b>11,646</b>	<b>2,030</b>	<b>13,676</b>

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

Description	1963		1964		
	Quantity	Cost	Quantity	Cost	
		\$'000		\$'000	
<b>1. Large establishments reporting commodity detail:</b>					
Bituminous coal:					
(a) From Canadian mines .....	ton	3,610	64	2,581	44
(b) Imported .....	"	1,126	16	728	10
Sub-bituminous coal (from Alberta mines only) .....	"	-	-	-	-
Anthracite coal .....	"	233	4	216	3
Lignite coal .....	"	1,236	10	1,287	13
Coke .....	"	-	-	-	-
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	7,255,244	2,594	7,500,559	2,703
Fuel oil including kerosene or coal oil .....	"	4,900,988	608	5,128,211	638
Wood .....	cord	-	-	-	-
Gas:					
(a) Liquefied petroleum gases .....	Imp. gal.	173,637	54	140,659	39
(b) Other manufactured gas .....	M cu. ft.	-	-	-	-
(c) Natural gas .....	"	260,637	152	311,806	176
Other fuel .....	...	-	-	-	1
Electricity purchased .....	kwh.	38,627,294	648	40,834,596	687
Steam purchased .....	...	-	-	-	-
<b>2. Small establishments not reporting commodity detail:</b>					
Estimate for fuel and electricity .....	...	-	612	-	612
<b>3. All establishments:</b>					
<b>Total fuel and electricity used .....</b>	...	-	<b>4,761</b>	...	<b>4,942</b>

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lb.	\$'000	lb.	\$'000
<b>1. Materials used:</b>				
Carbon dioxide gas, in cylinders, tanks, etc. ....	20,674,161	1,547	19,080,238	1,476
Carbon dioxide, solid .....	3,152,219	236	2,845,219	200
Sugar .....	208,994,268	24,905	212,542,124	23,944
Glucose .....	1,796,503	203	1,592,335	166
Citric acid .....	1,161,499	305	1,112,932	338
Tartaric acid .....	35,075	15	30,145	12
Syrups, concentrates and flavours .....	...	21,277	...	22,587
All other materials and components used <sup>1</sup> .....	...	11,858	...	11,880
<b>2. Containers and other packaging materials and supplies used .....</b>	...	8,101	...	13,243
<b>3. Operating, maintenance and repair supplies used (excluding fuel) .....</b>	...	2,609	...	2,752
<b>4. Amount paid out to others for work done on materials owned by establishments .....</b>	...	278	...	442
<b>Totals .....</b>	...	<b>71,334</b>	...	<b>77,040</b>

<sup>1</sup> No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$5,863,385 in 1963 and \$6,009,285 in 1964, (excluding estimates made for CO<sub>2</sub> gas).

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

Description	1963		1964		
	Quantity	Value	Quantity	Value	
		\$'000		\$'000	
<b>1. Products:</b>					
Soft drinks:					
Carbonated: <sup>1</sup>					
Bottled - 12 oz. and under .....	cases of 24	107,219,415	142,907	100,884,325	147,962
Bottled - Over 12 oz. ....	" " 12	17,272,470	28,886	20,084,467	35,116
Canned .....	" " 24	1,407,720	2,541	3,410,711	5,648
Bulk (barrels, tanks, jars, etc.) .....	Imp. gal.	5,042,473	4,217	6,051,994	5,982
<b>Total soft drinks (bottled, canned, bulk) .....</b>	"	<b>176,666,276</b>	<b>178,551</b>	<b>182,006,596</b>	<b>194,708</b>
Non-carbonated fruit drinks .....	cases of 24	381,747	836	223,034	349
Spruce beer .....	"	294,747	370	244,241	345
Natural mineral water .....	Imp. gal.	776,010	432	761,426	509
Syrups and concentrates, bottlers:					
For sale .....	"	6,446,238	20,772	5,316,666	20,088
For own use .....	"	10,125,289	...	10,268,188	...
Syrups sold to fountain trade .....	"	2,254,658	4,950	2,498,580	6,076
All other products .....		...	254	...	163
<b>2. Amount received in payment for work done on materials and products owned by others .....</b>		...	299	...	589
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....		...	(2,871)	...	(4,376)
Net adjustment for establishments receiving progress payments .....		...	-	...	-
<b>Total adjusted value of shipments and work done .....</b>		...	<b>203,595</b>	...	<b>218,452</b>

	1963	1964
<sup>1</sup> Average gallons per cases - 12 oz. and under .....	1.24	1.26
Over 12 oz. ....	2.12	2.16
Canned .....	1.47	1.54

**TABLE 14. Shipments of Selected Goods of Own Manufacture - All Industries, 1939-1964**  
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

	Soft drinks—bottled, canned and bulk					
	Made in carbonated beverages industry		Made in other industries		Total	
	Quantity <sup>1</sup>	Value <sup>1</sup>	Quantity	Value	Quantity <sup>1</sup>	Value <sup>1</sup>
	gallons	\$'000	gallons	\$'000	gallons	\$'000
1939.....	42,797,964	25,658	1,297,176	656	44,095,140	26,314
1940.....	51,564,872	30,241	1,447,195	660	53,012,067	30,900
1941.....	58,357,004	36,512	1,601,430	726	59,958,434	37,238
1942.....	56,923,706	35,923	1,479,369	804	58,403,075	36,726
1943.....	56,802,189	36,049	1,403,236	816	58,205,425	36,865
1944.....	63,173,424	40,047	1,387,572	883	64,560,996	40,930
1945.....	50,472,094	34,162	1,019,716	602	51,491,810	34,764
1946.....	54,979,258	36,596	944,281	649	55,923,539	37,244
1947.....	68,410,208	47,323	1,227,160	951	69,637,368	48,274
1948.....	84,327,402	56,475	1,476,339	948	85,803,741	57,423
1949.....	99,342,467	72,110	1,936,466	1,094	101,278,933	73,204
1950.....	100,929,934	73,020	1,864,414	1,152	102,794,348	74,172
1951.....	93,086,324	76,177	1,770,312	1,150	94,856,636	77,327
1952.....	101,457,231	88,350	2,077,016	1,511	103,534,347	89,861
1953.....	107,991,481	92,449	2,282,435	1,709	110,273,916	94,158
1954.....	103,945,224	91,365	2,114,897	1,519	106,060,121	92,884
1955.....	124,207,352	102,199	2,141,866	1,569	126,349,218	103,768
1956.....	121,174,241	105,948	2,212,352	1,935	123,386,593	107,883
1957.....	135,222,570	121,432	2,436,615	2,269	137,659,185	123,701
1958.....	145,467,078	132,056	2,289,086	2,289	147,756,164	134,345
1959.....	155,841,116	140,955	2,285,066	2,296	158,126,182	143,252
1960.....	158,124,948	144,283	1,966,282	1,963	160,091,230	146,246
1961.....	164,199,833	155,109	1,196,302	1,250	165,396,135	156,359
1962.....	170,221,996	161,896	1,407,443	1,365	171,629,439	163,261
1963.....	177,004,823	178,922	1,163,640	1,191	178,168,463	180,113
1964 <sup>P</sup> .....	182,442,952	195,053	1,168,437	1,344	183,611,389	196,397

<sup>1</sup> Includes spruce beer for the period presented.

**List of Establishments classified to This Industry, 1964**

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

Name	Location
<b>Newfoundland:</b>	
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 Ltd. ....	Bishop's Falls
Gaden's Ltd. ....	Corner Brook
Kay's, A.G. & Sons Ltd. ....	Stephenville
Marlie's Ltd. ....	Labrador City
Purity Factories Ltd. (Canada Dry Division) .....	Blackmarsh Rd., St. John's
Royal Aerated Water Co. Ltd. ....	10 Barter's Hill, St. John's
Seven-Up (Eastern) Ltd. ....	Kenmount Rd., St. John's
<b>Prince Edward Island:</b>	
Morris, J.T. Limited .....	75-79 Water St., Charlottetown
Seaman's Beverages Ltd. ....	57 Water St., Charlottetown
Seven-Up Sussex Ltd. ....	152 Elm Ave., Charlottetown
Simmons, G.H. ....	Spring Park Road, Charlottetown
<b>Nova Scotia:</b>	
Astoria Beverage Co. ....	Brooklyn Rd., 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., Bridge Water

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
<b>Nova Scotia - Concluded:</b>	
Havelock-Home Bottling Co. Ltd.	114 York St., Sydney
Hi-Cap Maritimes Ltd.	147-153 Maynard St., Halifax
Hub Beverages Ltd.	75 Main St., Truro
Ideal Beverages Ltd.	500 George 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 (Sussex) Ltd.	Bridgetown
Seven-Up (Sussex) Ltd.	552 <sup>a</sup> Bloomfield St., Halifax
Sydney Mineral Springs Ltd.	109 Richmond St., Sydney
Tennant, H.F. Limited	9 Havelock St., Amherst
Tennant, H.F. (Eastern) Ltd.	Main St., Trenton
Valley Beverages Ltd.	Bridgetown
Weymouth Spring Bottling Co.	Weymouth
Yarmouth Beverages Ltd.	Box 282, Yarmouth
<b>New Brunswick:</b>	
Ahier & Woods Ltd.	22 Ramsay St., Campbellton
Albert & Sons, V.H.	75 Church St., Edmundston
Brunswick Beverages Reg'd.	21 Beaulieu St., Edmundston
Bosca & Buraglia Ltd.	Bathurst
C & S. Bottling Works	290 Dumeresque St., Bathurst
Cassidy's Beverages Ltd.	65 Church St., Chatham
City Beverages	98 Water St., Campbellton
Côté, René	R.R. # 2, Edmundston
Crystal Beverages (1963) Ltd.	Beaverbrook St., Moncton
Gallivans Beverages	352 Jane St., Newcastle
Gorham Beverages Ltd.	361 Victoria St., Fredericton
Grande Anse Beverages	Grande Anse
Grand Falls Bottling Co.	Grand Falls
International Drug Co. Ltd., The	17 King St., St. Stephen
King's County Beverages	19 Winter St., Sussex
Nadeau's Beverages Ltd.	18 Union St., Campbellton
Saint John Beverages Ltd.	410 Chesley St., Saint John
Seven-Up (Sussex) Ltd.	Barrack Green, Saint John
Seven-Up (Sussex) Ltd.	Baig Blvd., Moncton
Seven-Up (Sussex) Ltd.	140 Clark St., Fredericton
Tennant, H.F. Ltd.	297 Church St., Moncton
Woodstock Bottling Works	Cedar St., Woodstock
<b>Quebec:</b>	
Abel, Joseph L.	530, Ave. Dupont, Alma
Aboussafy, L. Inc.	Mont-Joli
Aboussafy, L. Inc.	Sept-Îles
Allan's Beverage Ltd.	5130 Western Ave., Montreal
Archambault, Victor	16262, rue Bureau, Pointe-aux-Trembles
Beaudoin, J. Albiny	LaSarre
Becont Beverages Ltd.	231 Scott St., St. Jérôme
Bédard, Léonce	484, Côte de la Réserve, Chicoutimi
Bière d'Épinette Larose	6530-31 <sup>ème</sup> avenue, Rosemont, Montréal
Binet & Turgeon, Ltée	Beauceville-est
Bolduc & Fils, Inc.	10, rue de la Fabrique, Montmagny
Bonel Limitée	2, rue Larivée, St-Romuald
Boudreau & Forest Ltée	Mont-Joli
Breton, Gaston, Inc.	738-740, rue Principale, Granby
Breuages E. Denis Ltée	6314, rue Delanaudière, Montréal
Breuages Corona, Inc.	0650 Atwater Ave., Verdun
Breuages Courville, Inc.	495, rue Royale, Sorel
Breuages Drummond, Ltée	497, rue St-Pierre, Drummondville
Breuages Gaudreault, Enr.	576, rue St-Antoine, La Tuque
Breuages Henri, Enr.	311, rue St-Norbert, Drummondville
Breuage Héroux, Inc.	195-51 <sup>ème</sup> Ave., Grand' Mère
Breuages Lac Mégantic, Enr.	45, rue Laviolette, Lac Mégantic
Breuages J.A. Levesque, Inc.	Bonaventure
Breuages Lucky One Inc.	9935, rue Lauzanne, Montréal-Nord
Breuages Maniwaki, Enr.	Maniwaki
Breuages Mount-Rouge	Rougemont
Breuages Pontiac	Ville-Marie
Breuages Radnor, Ltée	R.R. No. 2, St-Maurice
Breuages St-Félix, Ltée	St-Félix-de-Valois
Breuages St-Jérôme, Inc.	232, rue Ste-Paule, St-Jérôme
Breuages Snow White, Ltée	600, boul. des Laurentides, St-Antoine-des-Laurentides
Breuages Sun Crest	231, boul. 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	295, rue St-François, Victoriaville
Bryant, Inc.	1060 Cherbourg St., Sherbrooke
Caisse, Alfred, Inc.	151, rue du Roi, Sorel
Canada Dry Ltd.	1960-52nd Ave., Lachine
Caouette, A. et Frères, Inc.	Avenue A, Amos
Chandler Bottling Works Ltd.	Chandler
Charbonneau, Paul E.	Montmagny
Chartier, J.L.	131 Abitibi Ave., Malartic
Chevalier, Albert, Inc.	2662, rue St-Alexis, Shawinigan Falls
Chevrier, Lachute, Ltée	117, rue Burroughs, Lachute
Christin, Ltée	2775 est, rue Sherbrooke, Montréal

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
<b>Quebec -- Continued:</b>	
Cie d'Embouteillage Canada Dry Co. (Rimouski) Ltée	660, rue St-Germain-est, Rimouski-est
Claire-Fontaine, Ltée	305, rue Joly, Québec
Clarke, W. Grant	Grindstone, Magdalen Islands
Claro, Ltée	4055, boul. Ste-Anne, Montmorencyville
Coca-Cola Ltd.	2465-1st Ave., Québec
Coca-Cola Ltd.	200 Bellechasse St., Montreal
Collins, John Co. of Canada	115 Foster Square, Waterloo
Compagnie Nationale d'Essences Ltée	Laval-des-Rapides
Continental Beverages of Canada Ltd.	610 Montreal-Toronto Blvd., Lachine
Cortiveau, J.O.	2267, boul. des Chutes, Courville
Cott Beverages (Canada) Ltd.	7335 Decarie Blvd., Montreal
Coulombe, Alex, Ltée	25, ave. Bigaouette, Québec
Couture, Emile (T.M.) Ltée	765, rue St-Alphonse, Thetford Mines
Couturier, L.P., Inc.	11, rue Nairn, La Malbaie
Crush International Ltd.	290 Deslauriers St., Ville St. Laurent
Deebee Enterprises Ltd.	1615-3rd Ave., Shawinigan Falls
Délorne, Ronald	206, Avenue de Parc, Granby
Demers & Frère, Inc.	571-2ième rue, Grand'Mère
Désormeaux, S., Enr.	965, rue Labelle, St-Jérôme
Drouin, A.N. & Fils	1335 Sullivan Rd., Val d'Or
Dufresne & Frère, Ltée	3125, boul. Royal, Trois-Rivières
Eau Minérale Etolle	Ste-Geneviève-de-Batiscan
Eau Minérale St-Léon, Inc.	St-Léon-de-Maskinongé
Eau Justin Enr.	St-Justin
Eskimo Bottling Works Ltd.	6968 Grand Ave., Montreal
Fluet, F.A., Inc.	750, rue St-Valier-est, Québec
Fontaine, Misaël	591, rue St-Antoine, LaTuque
Frenière, J.A.	54, rue du Lac, Magog
Gagné, F.X., Ltée	248, rue St-Philippe, Nicolet
Gagnon & Lapointe, Inc.	54, rue de Pont, Jonquièrre
Gaspé Bottling Co. Ltd.	Gaspé
Gaudreault, Phil., & Fils, Ltée	154 Gamble St. W., Rouyn
Grand Côteau	4334, rue Parthenais, Montréal
Grenier, Arthur, Ltée	1ère avenue, St-Georges-est, Beauce
Hamel et Fils, Enr.	LaSarre
Harvey, Dorville, Inc.	La Malbaie
Jacob, Henri & Fils, Inc.	327, rue St-Germain, Rimouski
Kik Company (Div. of Crush International Ltd.)	1387 Villeray St., Montreal
La Cie Eau-Vive d'Oka, Ltée	2430, boul. Laurentien, Montreal
Lafontaine, Hervé, Ltée	811 boul. St-Alexandre, Louiseville
Lafontaine & Cie Ltée	2, rue Frontenac, Berthierville
Lafrance & Fils, Ltée	2165, rue Papineau, St-Hyacinthe
Lafrance, Conrad & Fils, Inc.	195 Fusey Blvd., Cap-de-la-Madeleine
Lampron & Fertou, Ltée	141, rue Beauchemin, Cap-de-la-Madeleine
Langlois & Mercier, Enr.	Armagh
Lanouette, A. & Fils, Ltée	80, rue St-Michel, Ville-Marie
Larrivée & Frères, Inc.	75, rue Jean-Rioux, Trois-Pistoles
Lavigne, Lucien, Ltée	2685, rue Galt-ouest, Sherbrooke
Leclerc, Joseph, Inc.	LaGauadeloupe
Leduc, G.	21, rue St-Pierre, St-Casimir
Leroux, L.P. & Fils, Ltée	75, rue de la Lotbinière, Dorion
Levesque, Léon J. Inc.	Cabano-de-Témiscouata
Les Breuvages Bégin, Ltée	999, rue Ste-Julie, Trois-Rivières
Les Breuvages de Choix, Enr.	St-Jean-Eudes
Les Breuvages Lemoyne Enr.	Longueuil
Les Breuvages Ménard Inc.	90, rue St. Georges, St. Jean
Les Breuvages Montclair, Inc.	8653-10ième ave., Ville St-Michel
Les Embouteilleurs Rivard (Val d'Or), Ltée	1072-2ième ave., Val d'Or
Les Liqueurs Cristal de St-Jean, Enr.	180, rue Cousins, St-Jean
Les Liqueurs Douces de Hauterive Ltée	Hauterive
Les Liqueurs Opéra	Ste-Agathe
Les Liqueurs Eiz. Fortier Ltée	848, rue du Roi-est, Québec
Les Liqueurs de St-Jean, Inc.	122, rue Jacques-Cartier, St-Jean
Liqueurs Bourque, Inc.	Vallée Junction
Liqueurs Kist St-Tite	250 rue Lebourdais, St-Tite
Liqueurs Moderne, Enr.	St-Raymond
Liqueurs St-Georges, Ltée	St-Georges-de-Beauce
Liqueurs St-Maurice	Gentilly
Liqueurs Saguenay Ltée	Alma
Liqueurs Saguenay Ltée	Dolbeau
Liqueurs Saguenay Ltée	305 ave. Hôtel-de-Ville, Chicoutimi
Liqueurs Trottier, Ltée	St-Casimir
MacKimmie, J.P. & Sons	379 Lafleur St., Lachute
Marcotte & Fils	300, rue Richard, Joliette
Massicotte, André	Ste-Anne-de-la-Pérade
Massicotte, J.T., Inc.	2ième avenue, Amos
Melody Beverages Ltd.	2349 Notre-Dame St. W., Montreal
Méthot & Gagné, Ltée	68 rue Fraser, Rivière-du-Loup
Morency, Paul, Inc.	154 rue de la Cathédrale, Rimouski
Nadeau, J.R. Inc.	1707, rue Lépine, Joliette
National Bottling Works, Ltd.	1428 Clarke St., Montreal
National Soft Drinks Corporation	460 Main St., Granby
Nesbitts Orange (Montreal) Ltd.	5130 Western Ave., Montreal
Northern Quebec Bottlers Ltd.	626 Dallaire St., Rouyn
Orange Crush Lachute Enr.	Lachute
Orange Crush Sorel Enr.	Sorel
Paul et Fils	290, rue Georges, Sorel
Paul-Hus, Jean-Marie	93 rue Ramezay, Sorel
Peer's Beverages of Canada	4266 de Chateaubriand Ave., Montreal
Pepsi-Cola Canada Ltd. (Bottling Plant)	4900 Jean-Talon St., Montreal
Pepsi Cola Canada Ltd. (Concentrate Plant)	4900 Jean Talon St., Montreal
Picard, Roland	56, rue Bennett-Nord, Thetford Mines

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
<b>Québec - Concluded:</b>	
Plamondon, Georges, Ltée	1, ave. Plamondon, Drummondville
Plourde, Elzear, Ltée	600, rue St-Elzéar, Jonquièrre
Port-Daniel Kist Beverages Reg'd.	Port-Daniel
Poulin & Fils (Noranda), Inc.	Noranda
Racine & Frère	759 rue Delanaudière, Joliette
Red Rock Matane, Enr.	9, rue Soucy, Matane
Regal Bottling Works	557, rue St-Henri, Laprairie
Richer & Frère, Ltée	39, ave. du Parc, Valleyfield
Roux-Bergeron, Enr.	12, rue Colé, Victoriaville
Roy & Frères (Joliette), Ltée	1595, rue Lépine, Joliette
St-Onge, Paul, Inc.	3085, rue St-Pierre, St-Hyacinthe
St-Pierre, Jules Ltd.	Mont-Laurier
Seven-Up Granby, Inc.	677, rue Principale, Granby
Seven-Up Grand'Mère, Ltée	470-6ième ave. A. Grand'Mère
Seven-Up Mont-Laurier Enr.	Mont-Laurier
Seven-Up Montreal Ltd.	160 Graham Blvd., Town of Mount Royal
Seven-Up Ste-Angèle, Enr.	Ste-Angèle-de-Laval, Nicolet
Seven-Up St-Hyacinthe, Ltée	3145, rue Sicotte, St-Hyacinthe
Seven-Up St-Iles, Ltée	250, rue Arnaud, Sept-Iles
Seven-Up Sherbrooke, Ltée	755, rue King-est, Sherbrooke
Seven-Up Thetford, Ltée	1068, rue Notre-Dame-nord, Thetford Mines
Seven-Up Tracy, Enr.	Ville de Tracy
Seven-Up Trois-Rivières, Ltée	2925, boul. Royal, Trois-Rivières
Seven-Up Val d'Or, Enr.	1110-4ième ave., Val d'Or
Seven-Up Valleyfield, Ltée	Valleyfield
Seven-Up Victoriaville Ltée	444, rue Notre-Dame-est, Victoriaville
Simard, Philippe & Fils, Ltée	501, rue des Peupliers, Dolbeau
Source Nalco, Enr.	St-Justin
Source Abenakis, Ltée	St-Francois-du-Lac
Suncrest Beverages of Canada	711, ave. l'Abbé, Thetford Mines
Thibeau, Yvon, Inc.	rue Notre-Dame-ouest, Victoriaville
Tougas & Nicholson, Ltée	1, rue Dufferin, Valleyfield
Viens, Albert P.	1983, rue St-Jean, Plessisville
<b>Ontario:</b>	
Atkokan Beverages	Atkokan
Bastien's Beverages	43 Whitewood Ave., New Liskeard
Beck Beverages Ltd.	1009 Mill Rd., Fort Frances
Bell City Beverages Ltd.	242 Colborne St. W., Brantford
Bernard Beverages Ltd., The	2 Stewart St., Toronto
Beverage Cannery Ltd.	24 Fenmar Drive, Weston
Boorman's Beverages Ltd.	485 Reid St., Peterborough
Brant Beverages Ltd.	131 South Market St., Brantford
Brockville Beverages Ltd.	124 Orchard St., Brockville
Brown's Beverages Ltd.	220 Bay St., Gravenhurst
Canada Dry Bottling Co. (Barrie) Ltd.	180 Innsfil St., Barrie
Canada Dry Bottling Co. (Kingston) Ltd.	Gardener's Rd., 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. (London) Ltd.	25 Base Line Rd. W., London
Canada Dry Ltd.	153 Sherbourne St., Toronto
Carm's Beverages	48 Parker St., Belleville
Carter's Beverages	115 Wilson St., Hamilton
Chapleau Beverages Ltd.	40 Connaught St., Chapleau
Clearwater Beverages Ltd.	444-6th Ave. S, Kenora
Coca-Cola Ltd.	174 Sidney St., Belleville
Coca-Cola Ltd.	20 Marell St., Brantford
Coca-Cola Ltd.	1575 Barton St. E., Hamilton
Coca-Cola Ltd.	111 Railway St., Kingston
Coca-Cola Ltd.	1570 King St. E., Kitchener
Coca-Cola Ltd.	1140 Dundas St. E., London
Coca-Cola Ltd.	2158 Main St., Niagara Falls
Coca-Cola Ltd.	605 Bronson Ave., Ottawa
Coca-Cola Ltd.	781 Lansdowne St. W., Peterborough
Coca-Cola Ltd.	314 Memorial Ave., Port Arthur
Coca-Cola Ltd.	90 Broadview Ave., Toronto
Coca-Cola Ltd.	1650 Howard Ave., Windsor
Cockrane Bottling Ltd.	158 Second Ave., Cockrane
Cormack, A.V. & Son	93 Church St., Pary Sound
Cornwall Bottling Works Ltd.	113 Amelia Ave., Cornwall
Credit Valley Bottling Works	Georgetown
Crown Syphon Bottling Works	1657 Grand Marais Rd., Windsor
Crush International Ltd.	1600 O'Connor Drive, Toronto
Curtis Beverages Ltd.	425 West St. S., Orillia
Cynar Dry Ltd.	6 Eugene St., Toronto
Dominion Dry Ginger Ale Co. Ltd.	105 Manning Ave., Toronto
Dominion Seven-Up Co. Ltd.	205 Richmond Rd., Ottawa
Dominion Seven-Up Co. Ltd.	12 Cranfield Rd., Toronto
Doran's Beverage Co. Ltd.	1201 Cameron St., Fort William
Doran's Brewery Ltd.	319 Algonquin Blvd., Timmins
Double Cola Canada Ltd.	11 Cobourg St., Stratford
Elder's Beverages Ltd.	671 Montreal St., Kingston
Erie Beverage Ltd.	71 Park Ave. E., Chatham
Esbeco Limited	658 Erie St., Stratford
Exel Beverages Ltd.	Bourget
Garland Beverages Ltd.	Lorne & Olive Sts., North Bay
Georgian Bay Beverages	298 Hurontario St., Collingwood
Geraldton Bottling Co.	639 Second Ave. N., Geraldton
Giesebrechts Ltd.	Petawawa

List of Establishments classified to This Industry - Continued

Name	Location
<b>Ontario - Continued:</b>	
Gills Beverages Ltd.	10 Maple St., Smiths Falls
Goderich Bottling Works	130 East St., Goderich
Gordon's Beverages	583 Water St., Peterborough
Gray, W.J. Beverages	11 Market St., Collingwood
Hambly's Beverages (Oshawa) Ltd.	385 Bloor St. W., Oshawa
Harriston Kist Beverages Ltd.	Webb St., Harriston
Hires Bottling Co. (Niagara) Ltd.	101A Lakeport Rd., St. Catharines
Horsman, Chas. L & Son	41 Pellissier St., Campbellford
Husky Beverages Ltd.	5 McCamus Ave., Kirkland Lake
International Beverage Co.	59-63 Markham St., Toronto
Irish Dry Beverages	101 Lake Port Rd., St. Catharines
Kapuskasig Beverages Ltd.	Kapuskasig
Kent Essex Beverages	50 Foster St., Chatham
Kist Canada Ltd. (Bottling Division)	11 Cobourg St., Stratford
Kist Canada Ltd.	11 Cobourg St., Stratford
Kitchener Beverages Ltd.	310 Black Line Rd., Kitchener
Lake wood Beverages	452-3rd St. North, Kenora
Lindsay Soda Water Works	10 Caroline St., Lindsay
Lock City Beverages	353 Wellington St. W., Sault-Ste-Marie
London Bottling Co. Ltd.	317 Adelaide St. S., London
London Brothers Ltd.	735 Fourth Ave. South, Geraldton
Magda Soda Water Mfgs.	521 Keele St., Toronto
MacDonald & Son Ltd.	495 Oak St. W., North Bay
MacDonald & Son Ltd.	New Liskeard
MacDonald & Son (Timmins) Ltd.	Main St., South Porcupine
Maedel's Beverages Ltd.	76 Talbot St., Essex
Millar's Beverages	R.R. No. 2, Renfrew
Mio Mfg. Ltd.	30 Arrow Rd., Weston
Mission Orange Canadian Ltd.	159 Bay St., Toronto
Moira Beverages Ltd.	291 Coleman St., Belleville
Moran Beverages	58 Rodman St., St. Catharines
Morris Beverages Ltd., "Les"	285 Elgin St., Sarnia
Munro Bottling Co.	456 Tecumseh Rd. W., Windsor
National Dry Ltd.	303-309 Richmond St., London
Nesbitts Orange of Toronto Ltd. and Acme Beverages Ltd.	146 George St., Toronto
Niagara Dry Beverages Ltd.	1730 Ferry St., Niagara Falls
Niagara Dry Beverages Ltd.	1100 Burlington St. E., Hamilton
Nickel City Beverages Ltd.	1552 Fairburn St., Sudbury
Nipigon Bottling Works, The	Nipigon
Northern Bottling Co.	381 Pine St., Sudbury
Northern Lights Beverages Ltd.	Cobalt
Nu-Grape (Toronto) Ltd.	1100 Queen St. W., Toronto
Nu-Jersey Creme Co.	229 Manning Ave., Toronto
Orange Crush Bottling Works	111 Baldwin Ave., Cornwall
Orangeville Bottling Works Ltd.	26 Fourth Ave., Orangeville
Ottawa Valley Pure Spring Beverages Ltd.	627 Nelson St., Pembroke
Paristen Beverages (1960) Ltd.	Saunders Drive, Cornwall
Penetang Bottling Co. Ltd.	Pentanguishene
Pepsi-Cola Canada Ltd.	1435 Weston Rd., Toronto
Pepsi-Cola Canada Ltd.	330 Conventry Rd., Ottawa
Pop-O Beverages Ltd.	310 John St. N., Hamilton
Port Perry Beverages Ltd.	Port Perry
Private Brands Beverages Ltd.	844 Bathurst St., Toronto
Punch Dry Beverages Ltd.	61 Oxford St., Toronto
Pure Spring (Canada) Ltd.	22 Aberdeen St., Ottawa
Red Lake Bottling Works	Red Lake
Reinhart's Beverages	12 James St., Guelph
Renfrew Bottling Works Ltd.	326 Raglan St., Renfrew
Riverdale Beverages Ltd.	183 Erie Ave., Brantford
Robertson's Beverages	Home wood Ave., Mount Forest
Robinson's Beverages	26 Lewis St., Perth
Royal Beverages	130 First St. E., Fort Frances
Royal Crown Cola Ltd.	100 Sunrise Ave., Toronto
St. Clair Beverages Ltd.	124 Proctor St., Sarnia
Sarnia Beverages Ltd.	137 Indian Rd., Sarnia
Select Brands	352 Peter St., Sudbury
Seven-Up Bottling Co.	131 North Archibald St., Fort William
Seven-Up Bottling Co. (Windsor) Ltd.	970 Mercer St., Windsor
Seven-Up Bottling Co. (Sudbury) Ltd.	111 St-George St., Sudbury
Seven-Up (Cornwall) 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
Sia Beverages Ltd.	78 Summit Ave., Toronto
Silver Lake Beverages Co. Ltd.	1035 Railway St., Kenora
Smith Beverage Ltd.	750 Farewell St., Oshawa
Smiths Falls Bottling Works Ltd.	52 Abbot St., Smiths Falls
Snell's Bottling Works	43 Park St., Chatham
Soo Falls Brewing Co. Ltd.	503 Bay St., Sault-Ste-Marie
Star Beverages Ltd.	79 A Queen St., Kirkland Lake
Star Bottling Works Ltd.	252 Regent St., Sudbury
Stinson, E.H. & Co.	20 Dominion St., Alexandria
Strub Beverages	22 McCaully St. W., Hamilton
Sudbury Brewing & Maltng Co. Ltd.	185 Lorne Sts. Sudbury
Sunnyside Beverages	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
Tuckey Beverages Ltd.	451 Main St., Exeter



List of Establishments classified to This Industry, 1964 - Continued

Name	Location
<b>Ontario - Concluded</b>	
Twin City Bottling Co. ....	701 Harold Crescent, Fort William
Uxbridge Beverages Ltd. ....	Franklin St., Uxbridge
Vernors Bottling Co. (London) Ltd. ....	43 Baseline Rd. W., London
Vernor's Ginger Ale Ltd. ....	1699 Northway Ave., Windsor
Wilson, Charles Ltd. ....	519 Sherbourne St., Toronto
Windsor Beverages ....	1291 Albert St., Windsor
Wynola Corporation Ltd. ....	1100 Queen St. W., Toronto
<b>Manitoba:</b>	
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., St. James
Canada Dry Ltd. ....	521 Golspic St., Winnipeg
Coca-Cola Ltd. ....	20-12th St., Brandon
Coca-Cola Ltd. ....	100 Dagmar St., Winnipeg
Crush International Ltd. ....	590 King Edward St., Winnipeg
Dauphin Beverages Ltd. ....	Dauphin
Northland Beverages Ltd. ....	North Ave., Flin Flon
Northwest Beverages Ltd. ....	2510 Park Ave., Brandon
Northwest Beverages Ltd. ....	Dauphin
Pepsi-Cola Canada Ltd. ....	1099 King Edward St., Winnipeg
Portage Soda Water Works Ltd. ....	60 Tupper St. N., Portage La Prairie
Selkirk Beverages Ltd. ....	474 Main St., Selkirk
<b>Saskatchewan:</b>	
Canada Dry Bottling Co. (Saskatoon) 1960 Ltd. ....	2311 Faithful Ave., Saskatoon
Canora Beverages ....	Canora
Coca-Cola Ltd. ....	1736 Cornwall St., Regina
Coca-Cola Ltd. ....	265-3rd Ave. N., Saskatoon
Hill, Mel Beverages Co. Ltd. ....	2100-1st Ave., Regina
Jackson Bottling Co. Ltd., The ....	264 River St. W., Moose Jaw
Lalngs Beverages (1962) Ltd. ....	Weyburn
Maple Leaf Beverages ....	1022-103rd St., North Battleford
National Fruit Co. ....	51 High St., Moose Jaw
Nipawin Beverages ....	Nipawin
Pachal's Beverages Ltd. ....	57 Agricultural Ave., Yorkton
Polar Beverages Ltd. ....	Chaplin St. W., Swift Current
Prince Albert Mineral Water Co. Ltd. ....	1125-3rd Ave. W., Prince Albert
Rainbow Bottling Works ....	Nipawin
Regina Bottlers Ltd. ....	1205-11th Ave., Regina
Rose Beverages (1964) Ltd. ....	301-13th St. W., Prince Albert
Seven Up (Prince Albert) Ltd. ....	1680 Central Ave., Prince Albert
Seven Up (Saskatoon) Ltd. ....	202 Ave. C. South, Saskatoon
Standard Mineral Water Works Ltd. ....	1371-103rd St., North Battleford
Starlite Bottlers Ltd. ....	229 Ave. 1 South, Saskatoon
Swift Current Bottling Works Ltd. ....	1501 Begg St. W., Swift Current
Watt, G. & J. Co. Ltd. ....	2023 Ottawa St., Regina
York Beverages Ltd. ....	180 Broadway Ave. W., Yorkton
<b>Alberta:</b>	
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 Bottling Ltd. ....	2907 Second Ave. S., Lethbridge
Coca-Cola Ltd. ....	6708 McLeod Trail, Calgary
Coca-Cola Ltd. ....	10555 Kingsway Ave., Edmonton
Crow's Nest Bottling Works Ltd. ....	Biairmore
Dominion Bottling Ltd. ....	9930-78th Ave., Edmonton
Drumheller Bottling Works Ltd. ....	Drumheller
Grand Soft Drink Co. Ltd. ....	St. Paul
Jubilee Beverages Ltd. ....	Red Deer
National Fruit Co. ....	Railway St., Medicine Hat
Northern Bottling Ltd. ....	Grand 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
Purity Bottling Ltd. ....	1421-3rd Ave. S., Lethbridge
Red Deer Bottling Co. Ltd. ....	Red Deer
Roses Ice Cream Ltd. ....	Grande Prairie
St. Paul Beverages Ltd. ....	St. Paul
Seven Up (Lethbridge) Bottling Co. ....	237-12th St., Lethbridge
Shamrock Bottling Works ....	172 Altawana Drive, N.E., Medicine Hat
Superior Beverages Ltd. ....	877-14th St. S.W., Medicine Hat
Vermilion Beverages Ltd. ....	Vermilion
<b>British Columbia:</b>	
Canada Dry Ltd. ....	2777 Kingsway, Vancouver
Canada Dry Bottling Co. (Victoria) Ltd. ....	629 David St., Victoria
Cariboo 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

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
<b>British Columbia - Concluded:</b>	
Dawson Creek Beverages Ltd. ....	Dawson Creek
Goodwill Bottling Ltd. ....	35 Erie St., Victoria
Grayson's Beverages Ltd. ....	Chilliwack
Island Bottling Ltd. ....	Nanaimo
Kamloops Bottling Works Ltd. ....	Kamloops
Kelowna Beverages Ltd. ....	Kelowna
Kootenay Soft Drinks Ltd. ....	Trail
Lakeshore Bottling Co. Ltd. ....	555 Okanagan Ave. E., Penticton
Mac's Beverages ....	270 Front St., Penticton
McCulloch's Aerated Waters Ltd. ....	3400 Coldstream Ave., Vernon
Nanaimo Bottling Ltd. ....	Nanaimo
North Star Bottling Ltd. ....	344 West 2nd Ave., Prince Rupert
Paul's Beverages ....	2900 - 28th St., Vernon
Pepsi-Cola Canada Ltd. ....	3525 Lougheed Highway, Vancouver
Revelstoke Bottling Works ....	1001 Charles St., Revelstoke
Roses Ice Cream Ltd. ....	1420 - 2nd Ave., Prince George
Selkirk Soft Drinks Ltd. ....	Cranbrook
Seven Up (Kelowna) Ltd. ....	Kelowna
Seven Up (Vancouver) Ltd. ....	3131 Main St., Vancouver
Shasta Beverages Ltd. ....	1360 Vulcan Way, Vancouver
Silver King Beverages Ltd. ....	301 Vernon St., Nelson
Silver Tip Bottlers Ltd. ....	Kamloops
Stubby Products Ltd. ....	Burnaby
Valley Beverages (1954) Ltd. ....	Chilliwack
Victoria Beverages Ltd. ....	2941 Bridge St., Victoria
<b>Yukon:</b>	
Northland Beverages (1956) Ltd. ....	Whitehorse
Whitehorse Beverages (1961) Ltd. ....	Whitehorse
<b>Northwest Territories:</b>	
Petersen & Auger Ltd. ....	Yellowknife

# CONCEPTS AND DEFINITIONS

## Census of Manufactures

### General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 56 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

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

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

### Establishment

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

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

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

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

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

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

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

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

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

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

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the firm, when all establishments are in the same industry (3 or 4 digit). When establishments of

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

#### **Employees**

##### **(a) Production and related workers - Manufacturing activities**

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

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

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

### (c) Administrative and office employees

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

### (d) Sales and distribution workers

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

### (e) Total Employees

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

### Working Owners or Partners

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

### Salaries and Wages

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

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

### Fuel and Electricity

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

### Materials and Supplies

#### (a) Manufacturing activities

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

#### (b) Non-manufacturing activities

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

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

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

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

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

## **Shipments**

### **(a) General**

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

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

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

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

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

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

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

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

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

### **(d) Other revenue**

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

## **Inventories**

### **(a) Manufacturing activities**

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

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

**(b) Non-manufacturing activities**

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

**Value Added**

**(a) By manufacturing activities**

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

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

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

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

**(c) By Total activities**

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

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