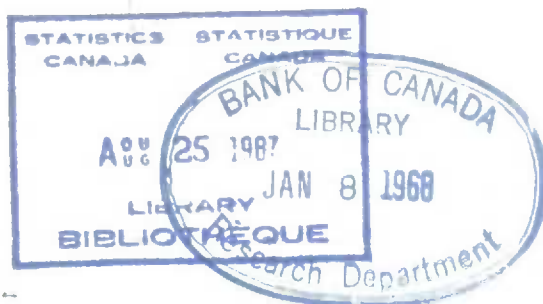


CATALOGUE No.

32-218

ANNUAL



FRUIT AND VEGETABLE CANNERS AND PRESERVERS, 1965

ANNUAL CENSUS OF MANUFACTURES

Published by Authority of
The Minister of Trade and Commerce

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PUBLICATIONS

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CATALOGUE No.

32-218

ANNUAL

Fruit and Vegetable Canners and Preservers, 1965

ERRATA

Page 14, Table 13 - Shipments of Goods of Own Manufacture, 1964 and 1965 - Concluded

	1965	
	Quantity	Value
	lb.	\$'000
Pickles, relishes and sauces:		
Reads	15,772,135	34,012
Should read	157,721,350	34,012

FRUIT AND VEGETABLE CANNERS AND PRESERVERS, 1965

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

SYMBOLS

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

.. figures not available.

... figures not appropriate or not applicable.

— nil or zero.

— amount too small to be expressed.

p preliminary figures.

r revised figures.

x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961 - 65

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1961													
Totals	335	13,406	27,702	34,568	4,145	198,275	319,940	123,483	83	236	17,523	54,948	127,563 ^f
1962													
Totals	340	13,960	29,001	37,779	4,700	215,007	347,299	136,732 ^f	100	390	18,258	59,670	142,760 ^f
1963													
Totals	334	13,286	28,114	38,143	4,882	226,794	379,036	145,446 ^f	101	361	17,567	60,442	150,589 ^f
1964													
Newfoundland	2	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	6	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia	11	513	1,244	1,012	140	6,032	8,864	3,219	3	11	586	1,507	3,459
New Brunswick	3	x	x	x	x	x	x	x	—	—	x	x	x
Quebec	104	2,320	5,208	6,360	785	39,819	64,341	24,482	38	143	3,149	10,515	25,055
Ontario	144	8,326	17,598	26,664	3,045	155,775	264,483	108,832	35	130	11,333	43,255	111,938
Manitoba	11	444	948	1,410	284	7,848	13,080	4,908	4	11	549	1,985	6,285
Saskatchewan	1	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	4	323	642	832	104	3,897	6,452	2,380	—	—	364	1,053	2,534
British Columbia	40	1,640	3,206	4,983	467	29,381	44,901	16,026	x	x	1,931	6,516	17,090
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	326	14,384	30,399	42,689	5,155	249,449	414,755	165,817	86	303	18,813	66,842	172,304
1965													
Newfoundland	2	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	6	x	x	x	x	x	x	x	—	—	x	x	x
Nova Scotia	10	444	962	932	121	6,143	9,673	3,108	3	6	523	1,461	3,356
New Brunswick	3	x	x	x	x	x	x	x	—	—	x	x	x
Quebec	96	2,441	5,270	7,078	831	43,232	69,213	27,685	36	124	3,194	11,340	28,834
Ontario	142	8,941	18,697	30,774	3,471	168,388	277,352	114,992	32	166	12,237	49,323	118,653
Manitoba	11	516	1,074	1,688	302	9,494	15,847	6,377	5	12	625	2,280	7,322
Saskatchewan	1	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	4	331	614	843	98	3,750	6,404	2,439	—	—	372	1,049	2,730
British Columbia	38	1,458	2,770	4,473	464	27,476	43,600	16,004	x	x	1,765	6,184	16,271
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	313	14,934	30,900	47,280	5,614	266,750	435,753	176,100	79	314	19,645	73,835	182,695

TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1964 and 1965

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	
1964													
Under \$10,000	21	3	7	7	4	60	114	47	18	23	4	9	48
\$ 10,000 to \$ 24,999	22	8	24	28	10	163	364	172	17	55	19	44	178
25,000 " 49,999	27	67	136	165	22	517	1,005	466	19	63	83	199	466
50,000 " 99,999	29	88	184	227	36	1,179	2,032	761	13	58	118	337	807
100,000 " 199,999	35	306	621	752	136	2,948	5,231	2,251	14	79	380	1,082	2,309
200,000 " 499,999	61	1,221	2,517	2,864	392	14,105	21,681	8,472	5	26	1,482	4,072	9,007
500,000 " 999,999	49	1,611	3,374	4,007	462	23,437	34,494	12,249	—	—	1,930	5,585	12,686
1,000,000 " 4,999,999	63	5,969	12,731	16,301	1,983	92,475	148,779	56,177	—	—	6,998	21,973	58,599
5,000,000 and over	19	5,111	10,806	18,338	2,110	114,565	201,056	85,221	—	—	7,187	30,193	88,212
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	612	3,349	(8)
Totals	326	14,384	30,399	42,689	5,155	249,449	414,755	165,817	86	303	18,813	66,842	172,304
1965													
Under \$10,000	13	1	3	3	1	27	59	30	13	18	1	3	30
\$ 10,000 to \$ 24,999	19	10	22	29	8	150	275	128	12	38	15	41	136
25,000 " 49,999	24	43	94	118	16	417	827	381	19	56	56	151	383
50,000 " 99,999	26	94	204	253	38	1,031	1,916	867	14	81	130	384	924
100,000 " 199,999	27	201	422	516	84	2,321	4,037	1,727	13	62	262	753	1,760
200,000 " 499,999	73	1,307	2,694	3,372	502	15,425	24,385	9,590	8	58	1,622	4,972	10,323
500,000 " 999,999	48	1,475	3,117	4,034	473	22,066	34,585	12,764	—	—	1,745	5,634	13,359
1,000,000 " 4,999,999	63	5,624	11,580	16,527	1,952	95,439	148,653	56,749	—	—	6,723	22,604	59,162
5,000,000 and over	20	6,179	12,764	22,429	2,541	129,853	221,015	93,844	—	—	8,576	36,120	96,037
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	515	3,173	582
Totals	313	14,934	30,900	47,280	5,614	266,750	435,753	176,100	79	314	19,645	73,835	182,695

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1964 and 1965

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	
1964													
Under \$10,000	46	29	64	80	16	379	836	195	33	69	42	100	202
\$ 10,000 to \$ 24,999	32	66	134	156	23	906	1,477	529	26	89	83	192	557
25,000 " 49,999	32	158	333	401	73	1,950	3,044	1,069	13	61	196	532	1,150
50,000 " 99,999	38	438	913	1,068	183	6,177	8,912	2,803	10	54	536	1,518	2,939
100,000 " 199,999	57	1,234	2,542	3,143	382	17,296	25,552	8,331	3	24	1,537	4,634	8,984
200,000 " 499,999	58	2,699	5,564	6,430	760	36,008	52,930	19,075	1	5	3,097	8,648	19,401
500,000 " 999,999	20	1,891	4,099	5,201	466	29,248	44,577	14,572	—	—	2,199	6,769	15,367
1,000,000 " 4,999,999	40	6,030	12,825	18,016	2,260	107,017	184,331	77,337	—	—	7,293	24,899	80,607
5,000,000 and over	3	1,839	3,924	8,194	993	50,467	93,096	41,906	—	—	3,218	16,201	43,106
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	612	3,349	(8)
Totals	326	14,384	30,399	42,689	5,155	249,449	414,755	165,817	86	303	18,813	66,842	172,304
1965													
Under \$10,000	35	13	29	36	11	283	471	173	28	56	19	52	181
\$ 10,000 to \$ 24,999	29	67	146	169	25	826	1,362	503	23	74	82	206	531
25,000 " 49,999	25	119	256	310	53	1,690	2,636	891	10	41	157	437	955
50,000 " 99,999	45	559	1,096	1,385	230	6,909	10,763	2,975	15	101	680	1,973	3,025
100,000 " 199,999	53	959	2,013	2,554	362	14,011	21,790	7,850	5	41	1,230	3,948	8,715
200,000 " 499,999	58	2,169	4,614	6,146	693	34,538	52,653	18,143	—	—	2,546	8,422	18,895
500,000 " 999,999	25	1,918	3,960	5,197	541	29,522	46,753	17,098	—	—	2,253	6,992	17,530
1,000,000 " 4,999,999	43	9,130	18,786	31,482	3,699	178,970	299,324	128,467	—	—	12,163	48,632	132,290
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	515	3,173	582
Totals	313	14,934	30,900	47,280	5,614	266,750	435,753	176,100	79	314	19,645	73,835	182,695

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1964 and 1965

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	
1964													
Under \$10,000	45	27	59	74	15	373	824	188	33	69	39	90	190
\$ 10,000 to \$ 24,999	32	63	130	152	22	878	1,434	515	25	84	81	192	522
25,000 " 49,999	31	146	307	378	69	1,629	2,651	1,005	14	66	181	502	1,073
50,000 " 99,999	37	371	750	886	155	5,545	8,058	2,612	9	48	462	1,306	2,709
100,000 " 199,999	55	1,204	2,501	3,043	387	16,701	24,518	7,800	4	30	1,465	4,305	7,977
200,000 " 499,999	62	2,717	5,625	6,503	745	36,782	53,900	19,423	1	5	3,159	8,930	20,252
500,000 " 999,999	19	1,632	3,478	4,437	426	24,647	38,827	13,228	—	—	1,878	5,671	13,335
1,000,000 " 4,999,999	42	6,385	13,625	19,022	2,344	112,428	191,447	79,139	—	—	7,718	26,295	83,148
5,000,000 and over	3	1,839	3,924	8,194	993	50,467	93,096	41,906	—	—	3,218	16,201	43,106
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	612	3,349	(8)
Totals	326	14,384	30,399	42,689	5,155	249,449	414,755	165,817	86	303	18,813	66,842	172,304
1965													
Under \$10,000	34	13	29	36	11	278	456	163	25	52	19	52	169
\$ 10,000 to \$ 24,999	28	54	119	144	19	703	1,205	474	24	78	66	174	479
25,000 " 49,999	26	126	272	320	57	1,774	2,751	898	9	37	167	454	965
50,000 " 99,999	45	551	1,079	1,360	228	6,837	10,614	2,919	16	106	664	1,914	2,968
100,000 " 199,999	47	878	1,832	2,285	314	11,450	18,198	6,693	5	41	1,083	3,271	6,742
200,000 " 499,999	62	2,085	4,413	5,957	714	32,572	50,652	18,163	—	—	2,492	8,389	19,178
500,000 " 999,999	28	2,097	4,370	5,695	572	34,165	52,552	18,323	—	—	2,476	7,776	19,321
1,000,000 " 4,999,999	43	9,130	18,766	31,482	3,699	178,970	299,324	128,467	—	—	12,163	48,632	132,290
5,000,000 and over													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	515	3,173	582
Totals	313	14,934	30,900	47,280	5,614	266,750	435,753	176,100	79	314	19,645	73,835	182,695

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1964 and 1965

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
1964													
Under 5 employed	83	75	164	198	49	2,666	4,609	1,873	56	149	115	311	1,904
5- 14 employed	63	407	845	1,114	186	6,929	11,250	4,121	25	122	520	1,612	4,474
15- 49 "	89	2,078	4,346	5,278	705	29,088	45,752	17,599	5	31	2,528	7,575	18,090
50- 99 "	39	2,314	4,802	6,089	711	39,870	59,311	20,644	—	—	2,704	8,249	21,592
100-199 "	35	4,097	8,893	12,050	1,424	68,545	116,137	47,564	—	—	4,880	16,117	48,656
200-499 "	14	3,381	7,136	10,182	1,047	54,610	88,514	34,010	—	—	4,097	14,272	37,337
500 employed and over	3	2,032	4,212	7,777	1,033	47,742	89,181	40,005	—	—	3,357	15,356	40,259
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	612	3,349	(8)
Totals	326	14,384	30,399	42,689	5,155	249,449	414,755	165,817	86	303	18,813	66,842	172,304
1965													
Under 5 employed	69	76	169	206	40	2,045	3,316	1,245	50	140	103	318	1,296
5- 14 employed	63	409	865	1,167	228	7,281	12,802	5,158	24	150	556	1,817	5,497
15- 49 "	93	2,165	4,532	5,909	793	33,541	52,148	18,906	4	20	2,648	8,642	19,567
50- 99 "	37	2,102	4,405	6,107	675	35,551	53,497	18,817	1	4	2,448	8,038	20,457
100-199 "	31	3,741	7,808	11,139	1,414	69,358	110,833	43,516	—	—	4,521	15,282	44,110
200-499 "	16	3,551	7,327	12,102	1,164	59,503	101,488	43,386	—	—	4,516	17,513	45,561
500 employed and over	4	2,890	5,794	10,651	1,300	59,471	101,669	45,072	—	—	4,338	19,051	45,627
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	515	3,173	582
Totals	313	14,934	30,900	47,280	5,614	266,750	435,753	176,100	79	314	19,645	73,835	182,695

TABLE 6. Principal Statistics classified by Type of Organization, 1964 and 1965

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1964													
Individual ownerships	64	210	436	491	86	2,393	3,782	1,421	63	222	240	561	1,482
Partnerships	13	45	92	118	14	481	942	437	23	81	48	125	440
Incorporated companies	240	14,016	29,636	41,839	5,009	244,843	407,388	163,309	...	...	17,783	62,492	169,683
Co-operatives	9	113	234	241	46	1,733	2,643	651	...	...	130	315	708
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	612	3,349	(8)
Totals	326	14,384	30,399	42,689	5,155	249,449	414,755	165,817	86	303	18,813	66,842	172,304
1965													
Individual ownerships	55	211	440	513	83	2,335	3,721	1,425	54	190	231	571	1,456
Partnerships	11	51	112	142	17	557	1,034	470	25	124	53	150	469
Incorporated companies	236	14,513	30,018	46,230	5,449	261,063	427,194	172,875	...	...	18,665	69,432	178,810
Co-operatives	11	159	331	396	65	2,795	3,804	1,331	...	...	181	488	1,378
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	515	3,173	582
Totals	313	14,934	30,900	47,280	5,614	266,750	435,753	176,100	79	314	19,645	73,845	182,695

TABLE 7. Calculation of Output, Input and Value Added, 1964 and 1965

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1964	1965	1964	1965	1964	1965
\$'000						
Output						
1. Shipments and other revenue	414,755	435,753	52,089	56,094	466,844	491,847
Inventories—Goods of own manufacture:						
Add closing—Goods in process	4,442	5,693	...	...	4,442	5,693
Finished goods	88,213	96,960	...	...	88,213	96,960
Deduct opening—Goods in process	3,821	4,470	...	...	3,821	4,470
Finished goods	83,168	85,474	...	...	83,168	85,474
2. Net inventory change	5,666	12,709	...	...	5,666	12,709
3. Gross output (1 + 2)	420,421	448,462	52,089	56,094	472,510	504,556
Input						
4. Purchases of goods not of own manufacture .....	...	...	46,435	48,994	46,435	48,994
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	4,306	5,753	4,306	5,753
Deduct closing .....	...	...	6,710	6,970	6,710	6,970
5. Cost of goods sold (not of own manufacture) .....	...	...	44,031	47,777	44,031	47,777
6. Materials, supplies, etc.	249,449	266,750	1,571	1,721	251,020	268,471
7. Fuel and electricity	5,155	5,614	...	...	5,155	5,614
8. Gross input (5 + 6 + 7)	254,604	272,364	45,602	49,498	300,206	321,862
Value added (3 - 8)	165,817	176,100	6,487	6,596	172,304	182,695

TABLE 8. Employment and Payroll, 1964 and 1965

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 distribution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
	number										\$'000				
1964															
Newfoundland	x	—	—	—	—	—	—	—	x	—	x	—	—	—	x
Prince Edward Island	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Nova Scotia	301	212	—	—	38	23	12	—	351	235	1,012	—	436	59	1,507
New Brunswick	x	x	—	—	x	x	x	—	x	x	x	—	x	x	x
Quebec	1,380	940	16	—	304	160	345	4	2,045	1,104	6,360	58	2,505	1,592	10,515
Ontario	4,380	3,946	39	7	1,260	737	857	107	6,536	4,797	26,664	158	11,233	5,201	43,255
Manitoba	265	179	10	1	46	27	18	3	339	210	1,410	38	417	120	1,985
Saskatchewan	x	—	—	—	x	—	—	x	x	x	x	—	x	x	x
Alberta	189	134	—	—	18	10	13	—	220	144	832	—	162	59	1,053
British Columbia	777	870	8	—	143	67	64	2	992	939	4,983	38	1,103	393	6,516
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	7,758	6,626	73	8	1,862	1,041	1,328	117	11,021	7,792	42,689	291	16,308	7,554	66,842
1965															
Newfoundland	x	—	—	—	—	—	—	—	x	—	x	—	—	—	x
Prince Edward Island	x	x	x	—	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia	267	177	—	—	41	25	13	—	321	202	932	—	463	67	1,461
New Brunswick	x	x	x	—	x	x	x	x	x	x	x	x	x	x	x
Quebec	1,526	915	7	—	289	153	288	16	2,110	1,084	7,078	28	2,601	1,634	11,340
Ontario	4,833	4,108	31	7	1,365	802	966	125	7,195	5,042	30,774	145	12,509	5,896	49,323
Manitoba	312	204	15	—	48	29	13	4	388	237	1,688	66	415	110	2,280
Saskatchewan	x	—	—	—	—	—	x	—	x	—	x	—	—	x	x
Alberta	212	119	—	—	19	7	15	—	246	126	843	—	141	65	1,049
British Columbia	711	747	15	—	153	73	61	5	940	825	4,473	53	1,269	389	6,184
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	8,293	6,641	88	7	1,971	1,111	1,383	151	11,735	7,910	47,280	347	17,840	8,369	73,835

¹ Some sales staff previously classified to this industry have been classified to another industry.

TABLE 9. Production and Related Workers, — Manufacturing Activity, 1964 and 1965

Month	1964		1965	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January	5,102	3,355	5,553	3,448
February	4,975	3,137	5,567	3,461
March	4,987	3,066	5,717	3,454
April	5,254	3,301	5,811	3,828
May	5,952	4,225	6,439	4,341
June	7,378	5,227	8,160	5,370
July	11,195	8,065	11,239	7,419
August	12,246	13,550	13,550	13,649
September	12,272	13,753	12,605	13,999
October	8,549	8,243	8,738	7,831
November	7,257	6,880	7,369	6,758
December	5,803	4,205	6,582	4,463
Averages	7,579	6,419	8,107	6,421
Establishments reporting annual averages (small establishments only)	179	207	186	220
Average for all establishments	7,758	6,626	8,293	6,641

TABLE 10. Inventories.¹ 1965

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	x	x	x	x	—	x
Nova Scotia	635	30	3,610	4,275	78	4,353
New Brunswick	x	x	x	x	—	x
Quebec	5,048	194	7,713	12,955	1,174	14,129
Ontario	20,180	4,124	71,667	95,971	3,927	99,897
Manitoba	1,246	7	2,184	3,437	272	3,709
Saskatchewan	—	—	x	x	—	x
Alberta	259	—	3,141	3,400	32	3,433
British Columbia	2,546	86	12,481	15,114	270	15,384
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	30,563	4,470	103,565	138,597	5,753	144,351
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	x	x	x	x	—	x
Nova Scotia	739	32	3,306	4,078	158	4,236
New Brunswick	x	x	x	x	—	x
Quebec	5,499	212	10,401	16,112	1,050	17,162
Ontario	20,233	5,257	75,548	101,039	4,787	105,826
Manitoba	1,926	4	2,512	4,442	550	4,992
Saskatchewan	—	—	x	x	—	x
Alberta	274	42	2,984	3,299	98	3,397
British Columbia	3,325	116	12,796	16,237	328	16,564
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	32,707	5,693	110,738	149,138	6,970	156,109

TABLE 11. Purchased Fuel and Electricity Used, 1964 and 1965

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	6,989	4,491	69
(b) Imported	"	41,215	20,714	276
Sub-bituminous coal (from Alberta mines only)	"	198	580	8
Anthracite coal	"	996	2,034	36
Lignite coal	"	—	—	—
Coke	"	679	690	10
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	1,741,081	1,743,554	641
Fuel oil including kerosene or coal oil	"	15,985,114	22,099,283	1,952
Wood	cord	165	88	1
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	346,574	297,905	68
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	991,656	1,158,965	635
Other fuel .....	...	12	...	18
Electricity purchased	kwh.	113,248,371	122,528,363	1,677
Steam purchased .....	...	2	...	...
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	188	...	...
3. All establishments:				
Total fuel and electricity used .....	...	5,155	...	5,614

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

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964 and 1965

Description	1964		1965	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Fresh fruits:				
Apples, Canadian	lb. 247,980,944	4,870	296,493,165	5,782
Apples, imported	5,265,645	108	3,945,634	125
Apricots, Canadian	9,348,006	479	131,665	8
Apricots, imported	2,389,877	265	3,309,348	353
Blueberries, Canadian	4,324,992	984	6,695,710	1,752
Blueberries, imported	—	—	9,000	3
Cherries, Canadian	20,045,413	2,100	18,756,249	1,804
Cherries, imported	2,806,963	315	1,293,000	221
Currants, Canadian	59,370	12	63,594	15
Currants, imported	—	—	6,842	2
Gooseberries, Canadian	1,891	—	67,266	15
Gooseberries, imported	33,076	5	75,022	12
Grapefruit, imported	892,697	47	1,014,848	52
Loganberries, Canadian	393,036	67	396,161	74
Loganberries, imported	—	—	—	—
Lemons, imported	lb. 123,581	12	352,093	35
Oranges, imported	9,664,636	597	10,635,387	652
Peaches, Canadian	60,422,626	3,396	36,567,154	2,388
Peaches, imported	8,164,161	345	6,079,854	466
Pears, Canadian	44,794,891	2,323	33,215,262	1,663
Pears, imported	605,890	24	2,915,462	271
Pineapples, imported	496,477	68	563,034	87
Plums, Canadian	6,716,241	264	3,960,771	186
Plums, imported	118,837	8	1,764,051	106
Raspberries, Canadian	12,320,095	2,033	14,620,381	2,471
Raspberries, imported	289,577	46	4,187	1
Rhubarb, Canadian	1,429,681	53	957,383	32
Strawberries, Canadian	14,781,589	2,633	9,095,874	2,035
Strawberries, imported	5,643,324	1,189	3,567,440	854
All other fruits, Canadian	12,981,923	749	12,119,776	721
All other fruits, imported	1,619,174	135	205,159	57
Fruits (frozen, SO₂, brine and pulp):				
Apricots, Canadian	353,707	37	145,433	14
Apricots, imported	89,018	16	118,514	12
Cherries, Canadian	1,811,604	279	1,317,454	247
Cherries, imported	5,446,951	1,319	6,023,592	1,447
Peaches, Canadian	715,086	63	657,475	74
Peaches, imported	94,483	20	190,992	31
Plums, Canadian	58,674	3	42,080	3
Plums, imported	205,698	37	34,550	1
Raspberries, Canadian	2,671,960	549	3,638,476	831
Raspberries, imported	2,411,676	449	2,499,538	411
Strawberries, Canadian	1,652,679	329	1,727,170	383
Strawberries, imported	6,677,998	1,369	10,910,560	2,445
Oranges, imported	1,297,942	190	530,606	77
Pineapples, imported	1,338,649	286	2,033,373	291
Grapefruit, imported	197,625	16	600,393	46
All other, Canadian	1,937,685	299	4,330,213	791
All other, imported	3,235,803	591	3,110,515	618
Other fruits:				
Dried fruits, used in mfg.	1,715,194	354	2,135,438	462
Dried fruits, such as raisins, currants and dates, for cleaning, packaging, etc.	854,500	166	701,260	140
Apple pomace, skins, cores, etc.	9,625,418	77	9,309,072	87
Fruits, n.o.p.	3,650,200	756	5,085,176	1,022
Fresh vegetables:				
Asparagus:				
(a) Canadian	3,967,627	825	4,146,520	888
(b) Imported	3,725,597	797	4,020,260	919
Beans, green or wax	89,055,441	3,453	74,215,660	3,264
Beans, lima	2,521,161	177	4,600,928	356
Beets	28,579,831	478	24,555,259	402
Cabbage	12,412,021	192	17,646,336	238
Carrots	57,728,924	931	64,172,188	1,035
Cauliflower	5,530,165	229	4,831,779	220
Celery	6,740,362	283	6,699,061	256
Corn	327,765,993	3,952	345,793,780	4,236
Cucumbers	66,547,415	3,071	60,867,834	3,003
Horseradish	90,840	16	868,811	88
Mushrooms	8,722,700	3,157	9,196,338	3,173
Onions	10,292,897	451	6,542,583	343
Peas, green	147,696,463	6,836	157,237,709	7,806
Potatoes	234,217,019	4,527	413,947,362	6,890
Pumpkin and squash	24,697,793	137	24,567,361	144
Spinach	3,695,390	83	2,425,508	54
Tomatoes	624,313,948	11,746	779,261,231	15,862
Turnips	1,275,582	23	1,652,903	28
Other fresh vegetables	14,843,315	1,122	14,749,059	1,375

TABLE 12. Materials and Supplies - Manufacturing Activity, 1964 and 1965 - Concluded

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used - Concluded:				
Other vegetables:				
Beans, dry	lb.	33,845,995	3,049	39,105,188
Peas, dry	"	29,070,502	1,237	34,057,331
Vegetables in brine, Canadian	"	5,680,382	281	5,409,757
Vegetables in brine, imported	"	10,733,767	1,148	12,658,456
Tomato pulp, paste, puree	"	14,922,998	2,850	16,182,188
Miscellaneous:				
Alcohol (includes duty)	pf. gal.	1,294,219	730	1,314,821
Malt	lb.	470,992	29	123,510
Other materials used in manufacturing vinegar	"	...	55	...
Cider used in manufacturing	Imp. gal.	200,914	27	159,175
Cornstarch	lb.	2,530,823	280	2,575,048
Other starches	"	4,852,186	675	6,182,053
Cheese	"	906,389	698	969,024
Eggs, fresh or frozen	"	937,643	491	1,288,801
Flour and meal	"	25,508,592	1,702	25,826,447
Grains and cereals, whole	"	8,289,462	563	9,245,052
Fruit rinds for manufacturing peel	"	1,413,153	113	1,807,291
Candied peel used in manufacturing	"	129,300	18	163,190
Gelatine	"	246,737	139	320,084
Agar-agar	"	2,906	7	3,489
Glucose	"	13,808,244	1,182	8,044,464
Macaroni, spaghetti, etc.	"	5,847,634	710	6,175,972
Meat:				
Chicken and turkey	"	16,730,140	6,943	18,729,468
Pork, beef, suet, etc.	"	27,795,128	7,499	30,143,004
Milk and cream	gal.	1,674,928	666	707,898
Milk powder	lb.	1,490,610	271	1,624,626
Molasses	"	427,724	28	1,351,962
Peanuts	"	4,811,288	606	5,949,556
Other nuts	"	37,037	27	29,856
Olives in bulk	Imp. gal.	1,012,196	1,571	1,063,146
Pectin, apple, Canadian	lb.	164,424	101	162,160
Pectin, apple, imported	"	1,880	3	-
Pectin, other, imported	"	218,198	332	222,682
Preservatives	"	221,311	79	292,452
Salt	"	37,678,308	431	37,943,890
Shortening, butter, lard, etc.	"	6,761,485	1,422	7,764,550
Spices, all kinds	"	3,053,001	1,350	2,936,946
Sugar	"	174,174,163	18,559	186,530,170
Sulphur or brimstone	"	-	-	21,965
Sulphur dioxide (SO ₂)	"	47,593	8	63,173
Tartaric acid	"	9,262	3	15,916
Citric acid	"	472,956	167	613,812
Ascorbic acid	"	85,003	223	90,688
Tannic acid	"	4,809	6	5,713
Celite	"	1,051,955	55	1,349,688
Beef extract	"	61,143	131	62,560
Colouring	"	193,376	115	220,085
Cooking oils	"	9,549,660	1,621	11,529,788
Vegetable extract	"	1,782,470	321	2,495,909
Vinegar used in manufacturing	Imp. gal.	2,264,749	609	2,280,231
Canned fruits used in manufacturing	lb.	2,229,490	366	2,550,609
Canned vegetables used in manufacturing	"	588,803	83	765,183
Frozen vegetables used in manufacturing	"	14,308,567	2,222	16,348,603
All other materials and components used ¹ .....	...	15,149	...	15,642
2. Containers and other packaging material or supplies used .....	...	91,365	...	98,398
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	7,574	...	9,017
4. Amount paid out to others for work done on materials owned by establishments .....	...	738	...	928
Totals .....	...	249,449	...	266,750

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$4,243,650 in 1964 and \$4,674,136 in 1965.

TABLE 13. Shipments of Goods of Own Manufacture, 1964 and 1965

Description	1964		1965		
	Quantity	Value	Quantity	Value	
		\$'000		\$'000	
1. Products:					
Total fruits, canned.....	lb.	159,899,858	29,281	143,169,217	26,236
Apples, including crabapples.....	"	16,332,554	1,948	12,527,224	1,577
Apple sauce.....	"	18,135,591	2,356	19,018,746	2,406
Apricots.....	"	6,259,849	1,295	6,133,495	1,196
Blackberries.....	"				
Blueberries.....	lb.	835,087	269	903,866	297
Cherries.....	"	10,518,001	2,263	12,479,256	2,539
Fruit cocktail and fruits for salads.....	"	12,588,973	2,839	10,437,218	2,374
Loganberries.....	"	217,893	53		
Peaches.....	"	43,349,420	8,178	32,422,212	6,348
Pears:					
Bartlett.....	"	15,572,095	3,203	13,022,328	2,652
Kieffer, etc.	"	14,248,580	2,215	13,775,545	2,069
Plums, gages, etc.	"	7,915,891	1,092	7,144,299	1,029
Raspberries.....	"	2,851,820	840	3,371,377	943
Rhubarb.....	"				
Strawberries.....	lb.	2,729,087	822	3,312,664	1,127
All other fruits.....	"	8,345,017	1,907	8,621,557	1,677
Total vegetables, canned.....	"	621,568,156	84,031	661,756,174	92,130
Asparagus.....	"	7,658,365	2,342	8,089,181	2,761
Beans, green or wax.....	"	85,538,397	10,566	81,517,777	10,138
Beans, baked, etc.	"	112,087,895	15,585	125,162,890	17,263
Beans, lima.....	"	1,993,454	286	1,850,500	270
Beets.....	"	18,932,435	2,206	14,952,532	1,652
Carrots.....	"	8,233,952	729	8,564,025	778
Carrots and peas combined.....	"	8,678,784	1,247	10,191,098	1,464
Corn on the cob.....	"	4,805,101	499	5,575,366	764
Corn, cream, whole grain, etc.	"	99,726,136	14,243	100,070,901	14,612
Mixed vegetables (macedoine).....	"	10,507,082	1,429	12,629,248	1,575
Mushrooms.....	"	5,685,505	3,242	5,124,468	3,310
Peas.....	"	116,365,791	15,786	120,301,158	16,674
Pumpkin and squash.....	"	7,163,569	746	7,428,391	691
Sauerkraut.....	"				
Spinach.....	"				
Tomatoes.....	lb.	104,574,515	11,438	113,150,837	14,432
All other vegetables.....	"	29,617,175	3,686	47,147,802	5,748
Miscellaneous products, canned, bottled, etc.:					
Poultry (chicken, turkey etc.).....	"				
Meats.....	"				
Ready dinners, stews etc.	lb.	21,448,256	5,391	18,477,843	5,199
Paste (meat, chicken etc.).....	"				
Soups, all kinds.....	"				
Spaghetti and macaroni.....	"				
Infants' foods.....	"				
Tomato juice.....	lb.	195,008,973	18,769	210,837,278	19,717
Mixed vegetable juices.....	"				
Tomato pulp, paste and puree.....	"				
Tomato catsup, in bottles etc.	"				
Pie filling, apple.....	"				
Pie filling, (cherry, peach, berry, etc.).....	lb.	22,806,785	5,459	29,218,541	6,443
Apple juice.....	"	125,517,852	12,535	112,324,450	10,352
Apple juice concentrate.....	"				
Fruit juice other than apple.....	"				
Fruit drinks, including nectars.....	lb.	125,397,800	14,146	113,724,333	13,891
Jams.....	"	84,381,044	20,700	85,913,139	19,579
Jellies.....	"	6,537,626	1,534	8,588,269	1,851
Marmalades.....	"	10,266,815	2,176	10,539,800	2,108
Mincemeat.....	"				
Syrups, fountain (incl. fountain fruit and ice cream toppings).....	"				
Syrups, table.....	"				
Maraschino cherries.....	lb.	2,849,412	1,994	3,016,596	2,021
Miscellaneous products, canned, bottled, n.e.s.	"	536,948,184	108,721	579,788,333	116,387
Miscellaneous other products:					
Apples, evaporated and dehydrated.....	"				
Apple pomace, chop and waste.....	"				
Apple butter.....	"				
Cider, made for sale as such.....	"				

See footnotes at end of table.

TABLE 13. Shipments of Goods of Own Manufacture, 1964 and 1965 - Concluded

Description	1964		1965	
	Quantity	Value \$'000	Quantity	Value \$'000
1. Products - Concluded:				
Miscellaneous other products - Concluded:				
Cider, made for own use..... gal.	180,832	...	222,620	...
Fruits, for re-processing:				
SO ₂ lb.	2,020,054	266	...	527
Other..... "	10,031,223	2,321	...	2,270
Fruits, straight frozen, not for re-processing..... "	20,503,775	4,481	21,426,028	5,383
Vegetables, straight frozen, not for re-processing..... "	118,890,501	21,852	171,187,653	25,489
Vegetables frozen for re-processing..... "	30,975,793	4,385	32,290,435	4,288
Vegetables in brine..... "	\$	\$	\$	\$
Vegetables, dehydrated..... "	\$	\$	\$	\$
Fruit pulp..... "	\$	\$	\$	\$
Fruit peel, candied..... "	\$	\$	\$	\$
Fruit, crystallized and glace..... "	\$	\$	\$	\$
Horseradish, prepared..... lb.	599,264	250	1,033,885	390
Mustard, prepared..... "	\$	\$	\$	\$
Olives, bottled, etc..... "	\$	\$	\$	\$
Pickles, relishes and sauces..... lb.	137,166,789	30,361	15,772,135	34,012
Powders, jelly..... "	\$	\$	\$	\$
Powders, pudding, ice cream, custard, etc..... "	\$	\$	\$	\$
Peanut butter..... lb.	4,323,771	1,321	5,240,514	1,677
Salad and mayonnaise dressing..... "	\$	\$	\$	\$
Sandwich spread..... "	\$	\$	\$	\$
Sugar butter..... lb.	5,833,305	1,145	7,106,983	1,432
Vinegar, made for sale:				
Spirit (basis 4.1 acetic acid)..... gal.	9,239,605	4,968	10,531,088	5,086
Cider..... "	767,454	561	880,534	560
Malt..... "	217,861	172	192,772	157
Vinegar made for own use..... "	1,558,695	...	1,586,855	...
All other products.....	...	40,738 ¹	...	44,224
2. Amount received in payment for work done on materials and products owned by others.....	...	464	...	731
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above.....	...	(3,316)	...	(6,387)
Net adjustment for establishments receiving progress payments.....	...	-	...	-
Total adjusted value of shipments and work done.....	...	414,755	...	435,753

¹ Included with "All other fruits".

² Included with "All other vegetables".

³ Included with "Miscellaneous products canned, bottled, n.e.s.".

⁴ Includes fruits, vegetables, soups, puddings, dinners.

⁵ Included with "All other products."

Note: Fruits and vegetables canned by domestic or home canners not included.

TABLE 13 A. Shipments of Canned Fruits, Vegetables and Preparations, by Provinces, 1965

Products	Ontario	Quebec ¹	British Columbia	Atlantic and Prairie provinces
Net weight of contents in pounds				
Total fruits, canned.....	89,517,257	2	35,060,768	2
Apples including crabapples.....	14,210,112	2	5	2
Apple sauce.....	...	2	...	...
Apricots.....	...	2	...	...
Blueberries.....	...	2	...	...
Cherries.....	10,775,787	...	1,703,469	...
Fruit cocktail and fruits for salad.....	...	...	...	...
Loganberries.....	...	...	...	...
Peaches.....	24,762,411	...	7,659,801	...
Pears:				
Bartlett.....	6,668,511	...	5	2
Kieffer, etc.....	12,468,728	...	5	2
Plums, gages, etc.....	2,754,411	...	4,389,888	...
Raspberries.....	986,974	2	...	...
Rhubarb.....	...	2	...	...
Strawberries.....	671,545	2	...	...
All other fruits.....	16,258,778	2	21,307,610	2

See footnotes at end of table.

TABLE 13 A. Shipments of Canned Fruits, Vegetables and Preparations, by Provinces, 1965 - Concluded

Products	Ontario	Quebec ¹	British Columbia	Atlantic and Prairie provinces
Net weight of contents in pounds				
Total vegetables, canned	363,622,367	191,472,839	47,594,447	59,066,521
Asparagus	3,536,628	4	4	—
Beans, green or wax	4	53,459,366	7,509,116	4
Beans, baked, etc.	82,674,071	4	4	4
Beans, lima	4	—	4	4
Beets	10,788,957	2,539,442	4	4
Carrots	2,616,202	5,408,422	4	4
Carrots and peas combined	4,908,855	4	4	4
Corn on the cob	4	3,133,672	—	4
Corn, cream, whole grain, etc.	58,567,694	26,020,721	4	4
Mixed vegetables (macedoine)	4	7,641,733	4	556,057
Mushrooms	2,385,020	4	4	4
Peas	46,039,200	47,824,585	4	4
Pumpkin and squash	6,034,516	—	4	4
Sauerkraut	4	—	—	4
Spinach	4	—	4	—
Tomatoes	104,140,934	4	4	—
All other vegetables	41,930,290	45,444,898	40,085,331	58,066,521
Miscellaneous products, canned, bottled, etc.:				
Poultry (chicken, turkey, etc.)	2	2	—	2
Meats	2	2	—	2
Ready dinners, stews, etc.	11,313,510	2	2	—
Paste (meat, chicken, etc.)	2	2	—	—
Soups, all kinds	2	2	2	2
Spaghetti and macaroni	2	2	2	2
Infants' foods	2	—	—	—
Tomato juice	2	2	—	—
Mixed vegetable juices	2	—	—	—
Tomato pulp, paste and puree	2	—	2	—
Tomato catsup	2	2	2	2
Pie filling, apple	2	2	2	2
Pie filling (cherry, peach, berry, etc.)	23,987,146	2	2	2
Apple juice	39,464,703	2	2	2
Apple juice concentrate	—	2	2	2
Fruit juice other than apple	4,506,659	2	2	—
Fruit drinks, including nectars	59,161,134	32,124,588	2	2
Jams	27,944,659	29,662,184	2	2
Jellies	5,952,850	1,852,437	2	2
Marmalades	4,308,683	2	5,209,830	—
Mince-meat	2	2	2	—
Syrups, fountain (incl. fountain fruit and ice cream toppings)	2	2	2	—
Syrups, table	2	2	2	—
Maraschino, cherries	2	2	2	—
Miscellaneous products, canned, bottled, n.e.s.	5	5	5	5
Quantity				
Miscellaneous other products:				
Apples, evaporated and dehydrated	2	—	2	—
Apple pomace, chop and waste	2	2	—	2
Apple butter	2	—	—	—
Cider, made for sale as such	2	—	2	—
Fruits for re-processing:				
SO ₂	lb. 1,068,702	—	1,663,311	2
Other	793,209	2	8,996,413	2
Fruits straight frozen, not for re-processing	2	2	11,904,800	2
Vegetables, straight frozen, not for re-processing	29,810,513	2	25,175,946	2
Vegetables, frozen, for re-processing	18,205,615	2	2	2
Vegetables, dehydrated	2	—	—	2
Fruit pulp	2	2	—	—
Fruit peel, candied	2	2	2	—
Fruits, crystallized and glace	2	2	2	—
Horseradish, prepared	lb. 986,940	2	—	2
Mustard, prepared	2	2	—	—
Olives, bottled, etc.	2	2	2	—
Pickles, relishes and sauces	lb. 9,903,309	2	5,205,122	2
Powders, jelly	2	2	2	—
Peanut butter	2	2	2	—
Salad and mayonaisse dressing	2	2	—	—
Sandwich spread	2	—	—	—
Sugar butter	—	2	—	—
Vinegar, made for sale:				
Spirit	gal. 5,893,067	2	2	2
Cider	575,049	2	2	2
Malt	2	—	2	—
All other products, n.e.s.	5	5	5	5

¹ Does not include the production of domestic canners.

² Withheld in accordance with the confidential clauses of the Statistics Act.

³ Included with "All other fruits".

⁴ Included with "All other vegetables".

⁵ Quantity for "All other products" n.e.s. cannot be shown by provinces, but dollar value for all Canada is given in Table 13.

TABLE 13 B. Shipments of Canned Fruits, Vegetables, Jams, Soups, Pickles, etc., 1929-65¹

Year	Canned fruits	Canned vegetables	Jams, jellies and marmalades	Canned soups, all kinds	Catsups	Infants' foods, canned only	Tomato juice	Frozen fruits and vegetables not for reprocessing	Pickles, relishes and sauces
thousands of pounds									
1929	..	..	61,944	..	gal. 1,832 ²	—	—	—	16,500
1933	38,578	159,323	45,943	39,728	" 1,996 ²	358	10,802	—	10,190
1934	41,179	213,125	44,889	49,821	" 2,009 ²	573	17,818	—	10,280
1935	58,441	221,215	44,141	45,377	" 2,283 ²	859	21,694	1,076	12,470
1937	69,142	324,794	48,081	67,198	27,437	2,129	65,161	2,609	16,460
1938	64,373	287,160	46,171	79,699	27,895	2,944	41,765	1,967	15,410
1939	116,500	250,422	52,977	96,630	20,288	3,470	29,116	3,601	17,930
1940	102,431	284,638	52,585	71,100	19,765	2,319	47,598	4,626	21,660
1943	42,217	226,484	92,613	91,800	7,071	18,673	71,045	4,249	29,170
1944	70,003	393,115	104,707	124,893	27,248	9,573	138,839	5,371	30,090
1945	56,650	320,363	87,132	131,907	19,060	14,220	86,855	5,584	36,230
1948	101,288	497,909	105,110	125,913	49,488	22,836	184,415	11,128	45,310
1950	125,403	368,227	98,839	171,993	20,862	27,426	72,339	17,178	54,760
1951	134,322	439,421	84,832	201,551	38,074	36,223	119,272	11,030	46,000
1952	100,468	508,543	92,531	202,957	32,929	36,088	155,105	15,071	53,190
1953	122,188	436,717	99,827	192,817	25,393	44,980	105,678	25,039	55,830
1954 ¹	147,596	434,515	107,688	212,398	27,389	47,844	118,776	29,039	55,910
1955	149,585	489,597	104,987	223,261	34,498	51,133	128,914	35,587	57,230
1956	141,976	474,924	105,850	230,573	38,434	53,443	128,908	33,074	65,910
1957	148,851	489,804	102,481	264,522	43,155	61,995	125,562	43,596	80,030
1958	140,785	477,509	104,085	264,596	43,929	61,553	141,514	50,250	79,280
1959	147,846	486,185	104,375	266,980	39,070	64,073	166,947	53,870	87,630
1960	147,238	540,352	106,180	269,294	48,089	64,510	174,781	83,449	104,900
1961	150,513	550,050	99,913	x	x	x	181,802	94,315	124,100
1962	164,775	560,207	95,684	x	x	x	208,001	101,832	139,123
1963	156,540	575,872	99,381	x	x	x	193,635	114,504	204,017
1964	159,900	621,568	101,185	x	x	x	195,009	139,394	137,167
1965 ²	143,169	661,756	105,041	306,940	70,363	79,770	210,837	192,614	157,720

See footnotes at end of Table 13B.

TABLE 13 C. Selling Value at the Factory of Canned Fruits, Vegetables, Jams, Soups, Pickles, etc., 1929-65¹

Year	Canned fruits	Canned vegetables	Jams, jellies and marmalades	Canned soups, all kinds	Catsups	Infants' foods, canned only	Tomato juice	Frozen fruits and vegetables not for reprocessing	Pickles, relishes and sauces
thousands of dollars									
1929	3,827	15,224	7,069	1,715	3,071 ²	—	—	—	2,447
1933	2,895	8,221	4,598	4,078	3,176 ²	90	627	—	1,119
1934	3,509	10,841	4,448	4,948	3,084 ²	135	968	—	1,193
1935	4,757	12,058	4,231	3,978	3,028 ²	204	1,148	112	1,450
1937	5,252	17,084	4,822	5,994	3,284	535	3,103	233	2,049
1938	4,556	14,481	4,513	7,736	3,649	592	2,068	186	1,941
1939	7,769	14,466	4,975	9,256	2,669	721	1,358	331	1,987
1940	6,739	16,755	5,044	6,909	2,429	486	2,207	516	2,656
1943	4,226	15,288	10,678	10,496	2,656	1,450	3,571	709	4,016
1944	6,549	26,939	12,931	14,757	3,893	2,095	6,603	891	4,588
1945	5,709	22,643	11,018	15,868	2,869	3,061	4,334	1,098	5,642
1948	14,886	48,088	16,394	17,991	9,764	5,246	11,062	2,139	7,345
1950	18,546	39,273	16,647	26,670	4,531	6,786	5,234	3,543	8,467
1951	20,916	53,010	15,275	32,665	9,435	7,278	10,954	2,410	8,929
1952	14,676	60,110	16,432	34,673	8,104	10,306	12,983	3,288	10,690
1953	19,016	50,467	18,118	33,185	5,865	12,592	8,748	5,672	11,279
1954 ¹	23,482	51,578	19,301	34,105	5,892	12,204	9,399	6,034	11,062
1955	22,175	57,047	18,532	35,795	7,162	12,943	10,978	7,566	11,453
1956	23,290	59,605	19,985	41,853	8,340	13,909	11,107	7,154	13,001
1957	23,335	61,245	20,930	43,047	9,688	17,429	9,814	8,581	15,960
1958	22,216	60,178	21,716	47,827	9,568	17,820	12,609	9,163	17,817
1959	23,968	62,227	21,131	47,149	8,640	19,801	13,393	10,450	19,267
1960	23,807	70,109	22,071	52,004	10,404	20,306	14,627	14,875	22,695
1961	23,267	73,067	20,293	x	x	x	15,526	17,253	24,572
1962	26,502	74,348	19,736	x	x	x	16,030	19,575	27,409
1963	27,507	77,191	23,101	x	x	x	16,302	21,078	29,336
1964	29,281	84,031	24,410	x	x	x	18,769	26,333	30,361
1965 ²	26,236	92,130	23,538	54,890	15,399	25,945	19,717	30,872	34,012

¹ These figures do not include the output of domestic canners.

² Sauces were included with catsups in these years.

³ Prior to 1954 the basis of collection was "Gross value of products".

TABLE 14. Shipments of Selected Goods of Own Manufacture - All Industries, 1964 and 1965

(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

See DBS publication Catalogue No. 33-111.

TABLE 15. Inventories, New Production, Consumption and Sales of Fruits Processed in SO₂, and Frozen for Re-processing, 1964 and 1965 as Reported by Firms classified under the Fruit and Vegetable Canners and Preservers Industry

	Processed in SO ₂		Frozen for re-processing	
	1964	1965	1964	1965
	millions of pounds			
Opening inventory	12.5	11.2	9.6	9.0
Fruits processed during year	10.1	7.8	20.3	13.0
Fruits purchased as such for use during year by manufacturers of jams, jellies, etc. from processors whose production is shown under above item	11.6	13.4	5.4	8.2
Totals to be accounted for	34.2	32.4	35.3	30.3
Fruits sold in that form either as domestic or as export sales during year	3.2	2.9	8.2	9.3
Fruits consumed in that form in manufacturing jams, jellies, etc.	19.5	19.3	15.4	14.1
Closing inventory	11.5	10.2	11.7	6.9
Totals accounted for	22.7	22.2	23.6	23.4

List of Establishments classified to this Industry, 1965

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

Name	Location
Newfoundland:	
Andrews, Bernard V.	12 Maple St., St. John's
Nitewell & Co.	Jackson's Cove, Green Bay
Prince Edward Island:	
Campbell and Burns Ltd.	Central Bedeque
Charlottetown Strawberry Growers Assoc.	Charlottetown
Mt. Stewart Strawberry Growers Exchange Ltd.	Mount Stewart
P.E.I. Frosted Foods Ltd.	Sherwood Road, Charlottetown
Pisquid Strawberry Growers Co-op. Ltd.	Pisquid
Seabrook Farms Frozen Foods Ltd.	Kensington
Nova Scotia:	
Annapolis Valley Canners Ltd.	Hantsport
A.H. Beaton	North Sydney
Canada Foods Ltd., Pickling Division	Kentville
Canada Foods Ltd., Fruit Division	Kentville
Daley, S.	5693 Almon St., Halifax
Graves, W.M. & Co. Ltd.	Hillaton
Graves, W.M. & Co. Ltd.	Berwick
Kent Foods Ltd.	Canning
McLean, C.M. Ltd.	Springhill
Slaunwhite Fred	Lunenburg
New Brunswick:	
Capital Co-operative Ltd.	Fredericton
McCain Foods Ltd.	East Florenceville
McCreadys Ltd.	Portland & Camden Sts., Saint John
Quebec:	
Aldo's Food Products Reg'd.	197 Grande Côte, St-Eustache
Beaudin, Lucien	415-21ème Ave., Iberville
Bessey Foods Limited	Duvernay
Best Ever Foods Products Ltd.	2427 Remembrance Rd., Lachine
Best-Way Citrus Products Ltd.	397 rue Norman, Ville St-Pierre
Boulais Gilles	St-Jean-Baptiste
Boutin G.H.	St-Honoré-de-Shenley
Breuverges Jaco Inc.	1160 des Capucins, Québec 3
Breuverges Québécois Ltée	840 St-Valier Ouest, Québec
Breuverges Radisson Ltée	157 Lorette, Cap-de-la-Madeleine
C.A. Bussièrès Inc.	Verchères
Canadian Canners Ltd.	Chambly-Bassin
Canadian Canners Ltd.	St-Hyacinthe
H. Cantin Ltée	2369, boul. Ste-Anne, Giffard
Carrière, Ernest Inc.	2540 Notre-Dame Est, Montreal

List of Establishments classified to this Industry, 1965 - Continued

Name	Location
Quebec - Concluded:	
Catelli Food Products Ltd.	6890 Notre Dame St. W., Montreal
Chateauguay Canning Reg'd.	90, rue Laurier, Valleyfield
Mr. Chips (Monsieur Patates)	2735, Notre-Dame Est, Montreal 4
China Food Products Co.	188 Devonshire Rd., Greenfield Park
Chenoy H. & Co. Ltd.	L'Acadie
Clark Foods Ltd.	St-Rémi
La Cie de Conserve Provinciales	2085-3ième Ave., Pointe-aux-Trembles
Conserverie Gérard Ménard	Henryville
Conserverie J. Savard	St-Eustache
Conserverie Voghel Enrg.	St-Madeleine
Conserve Rouville, Enrg.	St-Césaire
Conserve Ste-Anne Ltée	Ste-Anne-des-Plaines
Conserve des Laurentides Ltée, Les	Ste-Anne-des-Plaines
Continental Pickles Reg'd.	141, Laurier Ouest, Montreal
Co-opérative Monteregienne	Rougemont
Coronation Foods Corp.	20, rue Sicard, Ste-Thérèse-de-Blainville
Les Cuisines Lassonde Ltée.	Grande Caroline, Rougemont
V. Dagenais & Fils	11911, Bellevois, Montréal-Nord
Davidson's Pure Food Products Ltd.	6490 St. James St. W., Montreal
European Pickles	4300 Majeau St., Montreal Nord
J.A. Ferland & Fils, Ltée.	Berthierville
Girard & Frère	St-Angèle-de-Monnoir
Girard Inc.	St-Césaire
Gosselin & Frères	Ste-Famille d'Orléans
Grenache Inc.	87 rue Chenier., St-Eustache
Green Giant of Canada Ltd.	St-Martine
Guil, Inc.	St-Pie-de-Bagot
R. Hamel Enr.	Upton
Heenev Frosted Foods Ltd.	Laprairie
Home Made Enr.	1022, rue Conseil, Sherbrooke
Les Industries Duvernay Ltd.	1738, boul. Lévesque, Duvernay
Jus de Fruits Sun Rich Inc.	2776, rue St-Georges, Jacques-Cartier
Labonté, Emmanuel	Verchères
Larose, Joseph	Calixa Lavallée
Lassonde A. & Fils Inc.	Rougemont
The Lion Vinegar Co., Ltd.	990 Upton Ave., LaSalle
Lombardia Cherry Co.	St-Constant
Lord, David (St-Jean) Ltée	St-Jean (2 plants)
Lord, David Ltée	L'Assomption
Mount Royal Industries Inc.	650, ave. Beaumont, Montreal
Maheu et Cie Ltée	6995, rue Delaroche, Montreal
Maio, Lucien	L'Ange-Gardien
Maio, Raymond	L'Ange-Gardien
Massé, Jean Paul	Rang Rosaire, St-Césaire
Ménard, Germain (Rougemont plant)	164 St-Laurent, St-Denis
Montreal Chop Suey Co. Ltd.	4040 Lafontaine St., Montreal 4
Mow Sang Food Co. Ltd.	10285 Charton Ave., Montreal 12
Old City Food Products Ltd.	575 Mgr Gauvreau, Québec
Orange Maison Limitée	2323 Aubry, Montreal
Oriental Olive Importing Ltd.	320 Notre Dame E., Montreal
Pierre's Food Inc.	St. Denis-sur-Richelieu
Powell Foods Limited	St. Jacques St., St-Jean
Presses Modern Automatiques	6907 Wiseman, Montreal 15
Les Produits Diamant Enr.	Sainte-Marie-de-Beauce
Produits Gaza, Inc.	2280, rue Florian, Montreal
Produits Ronald Enrg.	St-Damase
Putter Food Products Reg'd.	Ste-Sophie-de-Lacorne
V.H. Quality Food Products Ltd.	179 Montée Masson, Duvernay
Rainbow Food Products Ltd.	927 Amherst, Montréal
Raymond, Alphonse, Ltée.	1201, Joséphine, Longueuil
Raymond, Alphonse, Ltée.	1830, rue Panet, Montréal
Renaud & Frères Inc.	2101, Ave Bennett, Montreal
Riche -- or Fruit Juice Enr.	3970 Boyce, Montreal
Ruviano Fruits & Grapes Crusher Ltd.	7695-18th St., Ville St-Michel
S & G. Products Inc.	Ste-Sophie-de-Lacorne
Saxonia Fruit Preserving Co. Ltd.	205-17th Ave., Lachine
Service de Patates Lapointe Enrg.	554 Plante, Ville Vanier
Slack Brothers Ltd.	Waterloo
Snowdon, A.G. Ltd.	3400, boul. Métropolitain, Montreal
Snowflake Frosted Canning Co.	Laprairie P.O. Box 70
Snyder & Sons Ltd.	15737 Pierrefonts St., Ste. Geneviève
Société Co-opérative Agric. de Cons de Rougemont	St-Damase
Société Co-opérative Agricole de la Vallée d'Yamaska	St-Césaire, Ste-Brigide
Société Co-opérative de Conserve	St-Jean-Baptiste-de-Rouville
Spear Packing Co. Ltd.	St. Leonard
P.E. Tétrault	St-Pie-de-Bagot
Ernest Thériault & Fils Ltée	St-Roch-des-Aulnaies
Valleyfield Canning Co.	Valleyfield
Vino's Farm	5041 St. Martin Blvd., Chomedey
Mrs. Whyte's Products Inc.	5403 St. Lawrence Blvd., Montreal
Ontario:	
John Antaya & Sons	R.R. No. 1, Tecumseh
Apple Products (Glen Williams) Ltd.	Glen Williams
Arkeil Foods Ltd.	Box 279 Grimsby
Arkeil Foods Ltd.	29 Platoff St., Niagara-on-the-lake

List of Establishments classified to this Industry, 1965 - Continued

Name	Location
Ontario - Continued:	
Ashner Food Products Limited	22 Belvia Rd. Toronto 14
The Baxter Canning Co. Ltd.	Bloomfield
Gordon Beardmore & Co. Ltd.	464 Trafalgar Rd., Oakville
Belle River Canning	Belle River
Betty's Limited	25 York Ave., Toronto
Bicks of Canada Ltd.	333 Progress Ave. Scarborough
Biggars Frosted Foods Ltd.	Vineland Station,
Blue Stripe Products	Brampton
Boese Foods Ltd.	St. Catharines
Bright Canning Co. Ltd.	1900 Thorold Stone Rd., Niagara Falls
Brighton Omar Ltd.	38 Richardson St., Brighton
Campbell Soup Co. Ltd.	60 Birmingham St., New Toronto
Campbell Soup Co. Ltd.	Chatham
Campbell Soup Co. Ltd.	Listowel
Canada Freeze-dry Foods Ltd.	579 Spiers Rd., Oakville
Canada Packers Limited (Willowdale, Brantford & Burford)	2200 St-Clair Ave. W., Toronto
Canada Vinegars Ltd.	409 Evans Ave., Toronto
Canadian Cannery Ltd.	Amherstburg
Canadian Cannery Ltd.	Dresden
Canadian Cannery Ltd.	Exeter
Canadian Cannery Ltd.	Lansdowne St., Kingsville
Canadian Cannery Ltd.	Ridgetown
Canadian Cannery Ltd.	St. Davids
Canadian Cannery Ltd.	Simcoe
Canadian Cannery Ltd.	Waterford
Canadian Home Products Ltd.	2651 Cropp St., Niagara Falls
D.F. Carpenter	Collingwood
Cedarvale Food Products Ltd.	Carlisle
Cherry Valley Cannery	Cherry Valley
Clark Foods Ltd.	Harrow
Conley, K.G. & Son	R.R. No. 1, Wellington
Crockett, J.M. Canning	1227 Stonechurch Rd. E., Hamilton
Crofton Canning Co. Ltd.	Crofton
Culverhouse Canning Ltd.	Vineland Station
Culverhouse Canning Ltd.	Port Dover
Diplomat Foods	1377 The Queens Way, Toronto 18
Dominic & Son	R.R. No. 2 Tecumseh
Dominion Food & Milling Ltd.	31 South Station St., Weston
East Lake Cannery Ltd.	R.R. No. 1, Picton
Edgewater Cannery Ltd.	Northport
Erie Canning Co.	R.R. No. 3, Merlin
Essex County Cannery Ltd.	North Ridge
Freshway Food Co.	Woodbridge
Gallipeau, J. & Sons	McGregor
Georgian Bay Fruit Growers Ltd.	Thornbury
Gerber Products of Canada Ltd.	1515 Stanley Ave., Niagara Falls
Glazier Canning Co.	40 Princess St., Blenheim
Gordon Pickle Co.	494 Mary St., Hamilton
Grand Valley Cannery Ltd.	Dunnville
Greaves, Wm.	Niagara-on-the-Lake
Green Giant of Canada Ltd.	Tecumseh
Greer Canning Co. Ltd.	Wellington
Grimsby Foods Ltd.	85 Division St., Hamilton
Hachborn, H. & D.	157 Hachborn Rd., Brantford
Haines, P. & Son	Clarksburg
Heinz, H.J. Co. of Canada Ltd.	Erie St. S., Leamington
Hyatt Canning (1962) Ltd. (Cherry Valley)	Cherry Valley
Hunt Foods (Canada) Ltd.	Tilbury
Imperial Food Products Ltd.	Ruthven
Innes Foods Limited	Port Rowan
Jantzi, A.W. & Sons Ltd.	Welliesley
Jay Zee Food Products Ltd.	1030 Walker Road, Windsor
Jeaurond, Evariste	Alexandria
Jus-Squeezed Juice Co. Ltd.	38 Rivalda Rd., Weston
La Fiesta Ltd.	2072 Main St., Niagara Falls
Lachance Brothers	R.R. No. 2, Tecumseh
Luing, R.D. & Co. Ltd.	173 Sheridan Ave., Toronto 3
Lakeside Packing Co.	Harrow R.R. 1
Lapp Bros.	R.R. 1, Markham
Lee's Food Products Ltd.	1233 Queen St. E., Toronto 8
Libby, McNeill & Libby of Canada Ltd.	Wallaceburg
Libby, McNeill & Libby of Canada Ltd.	330 Richmond St. Chatham
Liberty Cherry Co. of Canada Ltd.	2336 Gerrard St. E., Toronto
Lincoln Canning Co.	203 Carleton St., St. Catharines
Little, W.A. & Sons Products	Sparta
Lounsbury Foods Ltd.	1870 Davenport Rd., Toronto
Lynch, W.T. Foods Ltd.	1 Overend St., Toronto
Maple Ridge Orchards	R.R. No. 3, Brighton
McLarens Foods Limited	1721 Burlington St., Hamilton
McKenzie Cannery Ltd.	Colborne
Marks Products	Warren St., Port Stanley
Mathews-Wells Co. Ltd.	220 Victoria Rd., Guelph
The Mealmaster System Ltd.	399 Evans Ave., Toronto
Merrill Food Products Ltd.	Cottam
Metcalf Foods Ltd.	Deseronto
Niagara Food Products Ltd., The	406 Lake Ave. N, Hamilton
Niagara Food Products Ltd., The	Wheatley
Nicholson & Stetler Ltd.	Waterdown
Norwal Foods Limited	66 Milvan Dr., Weston
Pacific Hawaiian Products of Canada Ltd.	Windsor
Par-O-Dice Farms Ltd.	R.R. No. 1, Bloomfield

List of Establishments classified to this Industry, 1965 - Continued

Name	Location
Ontario - Concluded:	
Pinegro Foods Ltd.	251 Sorauren Ave., Toronto
Pleasant Valley Cannery Ltd.	Hillier
Powell Foods Ltd.	St. Catharines
Produce Supply & Service Co. Ltd.	Lambeth
Puusepp, Fred	83 Platt Ave., Hamilton
Pyramid Cannery Ltd.	Leamington
Queensway Canning Co.	339 Welland Ave., St. Catharines
Reeves & Leavens Canning Co. Ltd.	Bolton
Reinhart Vinegar Ltd.	Stayner
Rutter Orchards Ltd.	Picton
St. Jacobs Canning Co. Ltd.	St. Jacobs
St. Williams Preservers Ltd.	Simcoe
Salada Foods Ltd.	Alliston
Seaway Foods Ltd.	Colborne
Seales, W.G. Ltd.	127 Centre St. E., Richmond Hill
Select Food Products Ltd.	120 Sunrise Ave., Toronto
Shannonville Cannery Ltd.	Shannonville
Silver Thread Kraut Co.	Waterloo
Smart Brothers Ltd.	Collingwood
Smith, E.D. & Sons Ltd.	Winona
Southland Canning Co. Ltd.	R.R. No. 1, Wheatley
Sprague, J.G. & Son Canning Co.	Ameliasburg
Stafford Foods Ltd.	984 Barton St., Hamilton
Stokely-Van Camp of Canada Ltd.	Essex
Stokely-Van Camp of Canada Ltd.	Trenton
Stokely-Van Camp of Canada Ltd.	Whitby
Stathmore Kitchen Ltd.	2 Gibson Ave., Toronto
Strub Bros.	355 Mill St., Dundas
Sunburst Canning Ltd.	Cottam
Sunny Orange Canada Ltd.	Torlake Crescent Toronto 14
Sun-Pac Foods Ltd.	3689 Weston Rd., Weston
Temple, W.G. & Co.	21 Yale Street, London
Thomas Canning Ltd.	Maidstone
Tip Top Cannery Ltd.	1398 Plains Rd. E., Burlington
Tregunno Niagara Farms Limited	Ridgeville
United Cannery Ltd.	Consecon
United Cannery Ltd.	Cressy
United Cannery Ltd.	Wellington
Vineland Canning Co.	77 Foss Road, Welland
Wagstaffe Limited	224 Maplewood Ave., Hamilton
Wallace Turkey Products	Box 208, Blyth
Waupoos Canning Co. Ltd.	Picton
Webb's Apple Cider	5509 Dundas W., Toronto
Wetley's Products Ltd.	Briggar St., St. Catharines
Willy's Pickled Products	Bradford
Woodman Brothers Ltd.	21 James Ave., Brantford
Yeats, A. & Co.	100 Ossington Ave., Toronto
Manitoba:	
B.C. Pea Growers Ltd.	Portage La Prairie
Campbell Soup Co. Ltd.	Portage La Prairie
Canadian Cannery Ltd.	Morden
Carnation Foods Co. Ltd.	Carberry
Catelli Food Products Ltd.	1001 Regent Ave. W., Winnipeg
Elman's Food Products	305 Boyd Ave., Winnipeg
Kenmore Industries Ltd.	14 Archibald St., St. Boniface
Loveday Mushroom Farms Ltd.	Mission & McTavish Sts., St. Boniface
Co-op Prairie Cannery Ltd.	Winkler
Star Food Products	440 King St., Winnipeg
Western Vinegars Ltd.	109 Higgins Ave., Winnipeg
Saskatchewan:	
Vinegars Ltd.	414 Ave. M.S., Saskatoon
Alberta:	
Alberta Canning (Div. of Canada Packers Ltd.)	Magrath
Broder Canning Company	Lethbridge
Cornwall Canning Co.	Taber
Western Vinegars Ltd.	12163-68th St., Edmonton
British Columbia:	
Abbotsford Growers Co-op. Union	Abbotsford
Avena Diet Food Ltd.	Oyama
Barkwills Ltd.	West Summerland
Berryland Canning Co. Ltd.	Haney
Bulman's Products Ltd.	2807-37th Ave., Vernon
Canada Packers Ltd.	Sardis
Canadian Cannery Ltd.	Penticton
Cascade Foods Ltd.	811 Cundy Lane, Anacapa Island, New Westminster

List of Establishments classified to this Industry, 1965 - Concluded

Name	Location
British Columbia - Concluded:	
Chow, Joseph F. Ltd.	Langley
Clearbrook Frozen Foods Ltd.	Clearbrook
Consolidated Enterprises Ltd.	300 No. 3, Road, Richmond
Cornwall Canning Co.	Summerland
Dale Food Products Ltd.	Richmond
Deighton, W.	Nahun
Dicksam Ltd.	347 E. Georgia St. Vancouver
East Chilliwack Fruit Growers Co-op. Ass'n.	Chilliwack
Fraser Valley Frosted Foods Ltd.	45551 Yale Rd. W., Chilliwack
Golden Kist Jams Ltd.	790 Clark Drive, Vancouver 6
Grantham, F.C. Ltd.	275 Woodland Dr., Vancouver 6
MacDonalds Consolidated Ltd. (Empress Manufacturing Co. Division)	7155 11th Ave., Burnaby 3
L.C. Metcalfe Processing Co. Ltd.	212 E. Georgia St., Vancouver
The Milne Cannery	West Summerland
Nabob Foods Ltd.	6079 Wilson Ave., Burnaby
Nifty Food Processors Ltd.	1355 Parker St., Vancouver
Noren Industries Ltd.	3740 E. Hastings St., North Burnaby
Pacific Coast Packers Ltd.	7117 McPherson Ave., Burnaby
Pacific Coast Packers Ltd.	Ladner
Pacific Co-op Union	Mission City
Primo's Enterprises Ltd.	573 W. 6th Ave, Vancouver 9
Wm. Robinson Ltd.	4120 Lougheed H'way, North Burnaby
Rowcliffe Canning Co. Ltd.	376 Cawston Ave., Kelowna
Royal City Foods Ltd.	Chilliwack
Royal City Foods Ltd.	12 Front St., New Westminster
Snowcrest Packers	Abbotsford
Sun-Rype Products Ltd.	1165 Ethel St., Kelowna
Sun-Rype Products Ltd.	Oliver
Sun-Rype Products Ltd.	858 Ellis St., Kelowna
Western Vinegars Ltd.	2960 Lake City Way, Burnaby

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 55 (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 135 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 reports reflect the complete implementation of these changes and enable comparisons to be made back to and including 1961. 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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