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MISCELLANEOUS FOOD INDUSTRIES

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 Concepts and Definitions) apply throughout this bulletin.

SYMBOLS

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

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- -- amount too small to be expressed.
- P preliminary figures.
- revised figures.
- ${\bf x}$ confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-65

				Man	ufacturing	activity				т	otal activ	rity	
and	Estab-		duction a ated work		Cost of	Cost of	Value of shipments	Value	Working and p	g owners artners	Emp	loyees	Value
province	ments	Number	Man- hours paid	Wages	elec- triclty	materials and supplies	of goods of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	added
	No.		'000			\$'000				\$'000		\$10	00
1961													
Totals	268	7,650	16,121	25, 207	4,447	252.874	409,731	153,668	60	197	12, 233	49, 134	162, 999
1962													
Totals	279	7, 743	16,684	27, 218	4,941	276,040	448,713	171,848	61	197	12,337	52,493	179,316
8 Ot 112		.,.,,											
1963	İ												
Totals	274	7, 792	16,465	28, 186	5, 263	296,551	487, 169	184,085	54	189	12,656	56, 069	191,517
1964													
Newfoundland	1	1									i		
Prince Edward Island	_	210	448	554	126	5,295	8,411	3,007	5	20	324	1,189	3,112
	12												
Nova Scotia	12	336	715	773	148	8,274	13,001	4,610	X	χ	421	1,130	4,872
New Brunswick	86		4,975	8,047	1, 133	96,699			20		4,069		66,099
Webec	1	2,312								30	6, 589	32,420	111,387
ntario	104	4,092	8,677	16,870	3,471	153, 198		108,014	15				
Manitoba	19	470	1,002	1,628	349		28, 295		4	17	699	2,949	10,440
Saskatchewan	3	20	38	54	10	476		279	-	_	27	91	308
Alberta	10	140	296	643	163	7,262	11,130	3,879	X	X	190		4,017
British Columbia	34	603	1,234	2,480	281	40,206	54,868	14,366	X	Х	939	4,365	14, 953
Yukon and Northwest Territories	-		-	-	-	_	-	_	_		-	-	-
Totals	281	8, 183	17,387	31,049	5, 682	330,187	538, 968	204, 919	49	172	13, 258	61, 194	215,189
1965													
Newfoundland	1	х	х	х	Х	х	x	х	х	х	х	х	х
Prince Edward Island	_	_	_	_	_	_	_		_	_	_	-	w/h
Nova Scotia	II	X	x	х	х	χ	x	x	х	x	х	x	x
New Brunswick	12	316	665	764	133	8,557	12,940	4,246	x	x	400	1,142	4,467
Quebec	82	2,316	5,034	8,848	1,196				21	97	3,760	17,569	69,309
Ontario	102	4,029	8,623	17,734	3.742			115, 428		27	6,808		118, 244
	19	541	1,094	1,796	420						786		11,350
Manitoba	2		X	х х	X	х	х	X		_	х	x	х
Saskatchewan	9		264	633	164					x	165		3,840
Alberta						,			4	11	988	4,676	17,243
British Columbia	33		1,270	2,663	309		59,806						11,240
Yukon and Northwest Territories	-	_	~-	-	-	_	_	-		_	_	_	-
Totals	272	8,178	17,434	33, 074	6,096	342,149	565,169	219, 233	48	180	13,253	64,175	227,809

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

				Man	ufacturing	activity				Т	'otal acti	vity	
Slze group	Estab- lish- ments		Production and related workers			Cost of	Value of shipments of goods	Value	Working and pa		Employees		Value
		Number	Man- hours paid	Wages	elec- tricity	and supplies	of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	added
	No.		*000			\$1000	-			\$'000		\$'(000
1964								1					
Under \$10,000 \$ 10,000 to \$ 24,999 25,000 " 49,999 50,000 " 99,999 100,000 " 199,999 200,000 " 499,999 500,000 " 499,999 1,000,000 " 4,999,999 5,000,000 and over Head offices, sales offices and auxiliary units	17 14 27 19 30 38 38 70 28	1 11 36 43 144 294 805 2,952 3,897	25 71 92 298 627 1,699 6.247 8,324	5 38 104 137 434 907 2,302 9,952 17,169	3 7 16 25 71 179 444 1,634 3,303	37 106 550 698 2,669 7.535 16,660 107,235 194,698	72 230 982 1,257 4,299 12,015 127,225 163,843 329,044	32 120 411 534 1,614 4,442 10,304 54,441 133,021	10 7 12 11 17 7 2	13 12 53 55 32 7 -	3 23 65 71 237 500 1,227 5,024 5,381	9 68 196 242 960 2,030 4,628 21,467 26,609 4,985	33 150 479 600 1,878 4,881 10,912 59,336 137,080
Totals	281	8, 183	17,387	31,049	5,682	330, 187	538,968	204, 919	49	172	13, 258	61,194	215, 189
1965													
Inder \$10,000	17 18 22 18 25 38 35 66 33	2 13 27 45 103 356 649 2,745 4,238	7 27 55 95 222 765 1,374 5,840 9,049	8 42 80 143 345 1,108 2,060 9,423 19,864	16 29 58 188 422 1,578 3,791	36 147 419 665 2,001 7,908 15,508 15,508 23,917 221,553	79 296 813 1,253 3,559 12,727 25,407 145,664 375,370	40 140 366 561 1,515 4,692 9,315 50,972 151,631	11 5 13 8 8 2 -	15 11 47 53 42 7	4 30 50 77 171 569 1.024 4.502 6.091	12 89 157 272 765 2,285 4,120 20,082 31,115	46 40 64: 1,722 5,111 9,601 53,639 156,494
auxiliary units				1.1.4	* * *				* * *		735	5, 277	(1)
Totals	272	8,178	17,434	33,074	6.096	342,149	565,169	219, 233	48	180	13, 253	64, 175	227,80

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

				Man	ufacturing	activity				Т	otal acti	vity	
Size group	Estab- lish- ments	lish- related workers			Cost of	Cost of materials	Value of shipments of goods	Value	Working owner and partners		Employees		Value
		Number	Man- hours pald	Wages	elec- tricity	and supplies	of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	added
~	No.		'000		-	\$'000				\$'000		\$10	000
1964													
nder \$10,000	36 31 27 30 36 49 26 39	18 48 113 160 482 1,264 1,057 3,193 1,848	40 97 238 348 1,011 2,682 2,222 6,758 3,990	57 146 328 520 1,367 3,795 3,353 12,953 8,530	14 37 43 81 269 730 553 2,624 1,330	309 1,100 2,137 7,908 12,591 40,050 34,925 150,243 80,925	504 1,632 3,159 10,123 18,100 57,251 54,452 235,934 157,814	178 549 981 2,179 5,278 16,802 18,656 82,475 76,820	20 14 12 3 - -	35 63 59 15 - - -	31 97 168 289 727 1,969 1,730 5,062 2,458	90 308 560 1,260 2,677 8,065 7,448 23,645 12,156	5,800 18,763 20,364 86,33
ead offices, sales offices and auxiliary units						0 4 0					727	4,985	(155
Totals	281	8,183	17, 387	31,049	5,682	330, 187	538,968	204,919	49	172	13,258	61,194	215,189
1965													
nder \$10,000	34 27 24 32 35 42 29 42 7	11 39 87 165 518 1,031 1,045 3,431 1,851	27 78 179 350 1,096 2,170 2,217 7,258 4,058	38 117 264 578 1,547 3,040 3,466 14,826 9,198	14 28 39 117 308 491 765 2,955 1,379	200 684 1,664 7,986 13,010 31,560 38,210 162,018 86,816	385 1,175 2,560 10,398 18,810 45,381 59,905 254,183 172,372	158 465 857 2,308 5,264 13,650 20,709 90,574 85,249	19 14 10 4 - 1	37 54 64 21 - 4	25 73 130 293 753 1,540 1,683 5,471 2,550	7,693 26,812 13,256	50 97 2, 57 5, 77 14, 4.0 21, 711 93, 687
Totals	272	8, 178	17,434	33,074	6,096	342, 149	***	219, 233	48	180	13, 253	64, 175	

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

				Man	ufacturing	activity			,	Т	'otal acti	vity	
Size group	Estab- lish-			uction and ed workers		Cost of materials	Value of shipments of goods		Working and pa		Employees		
	ments	Number	Man- hours pald	Wages	fuel and elec- tricity	and supplies	of own manu- facture	Value added	Number	With- drawals Num	Number	Salaries and wages	Value added
	No.		'000			\$'000				\$'000	-	\$'0	000
1964													
Under \$10,000	32 28 30 30 36 49 28 41	14 36 112 156 424 1,211 1,068 3,314 1,848	32 73 235 335 889 2,546 2,301 6,985 3,990	12 112 328 482 1,240 3,539 3,478 13,298 8,530	11 25 53 74 262 673 586 2,669 1,330	253 819 2,192 4.087 15,320 38,346 33,494 157,749 80,925	415 1,266 3,199 6,143 20,506 54,466 52,960 242,198 157,814	148 465 968 2,012 4,917 15,862 18,552 85,173 76,820	18 13 14 4 - -	32 55 58 28 —	23 74 166 275 642 1.847 1.785 5,261 2,458	7,340	152 489 1,076 2,183 5,324 17,014 20,713 88,750 79,644
Head offices, sales offices and auxiliary units							4 4 4				7.27	4,986	(155
Totals	281	8,183	17,387	31,049	5, 682	330, 187	538,968	204.919	49	172	13, 258	61.194	215,189
1965													
Under \$10,000	30 29 23 32 35 42 29 45	9 36 83 161 431 1,043 1,025 3,539 1,851	22 75 169 341 927 2.192 2.171 7.480 4.058	31 108 249 545 1,347 3,049 3,373 15,174 9,198	10 26 39 112 276 474 758 3,021 1,379	138 700 1,538 4,787 15,618 30,014 34,206 168,331 86,816	286 1,189 2,349 7,075 21,165 42,970 54,426 263,328 172,372	125 469 767 2,177 5,069 12,698 19,253 93,426 85,249	15 16 12 4 -	24 61 70 21 -	20 72 114 280 649 1,546 1,620 5,667 2,550	370 1,165 2,622 6,175 7,405 27,621 13,256	134 507 837 2,312 5,351 13,447 20,378 96,852 88,010
muxiliary units					5 4 4					9 4 4	735	5, 277	(16
Totals	272	8.178	17, 434	33,074	6,096	342, 149	565, 169	219, 233	48	180	13, 253	64, 175	227, 809

TABLE 3. Principal Statistics classified by Size Group based on Total Employed, 1964 and 1965

				Mar	ufacturing	activity				1	Cotal acti	vity	
Size group	Estab-		Production and related workers			Cost of	Value of shipments of goods	Value		owners	Employees		Value
	ments	Number	Man- hours paid	Wages	fuel and elec- tricity	and supplies	of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	value added
	No.		000			\$'000		1		\$1000		\$ '0	000
1964						1							
Under 5 employed	69 69 70 34 26	66 329 1,335 1,634 2,002	144 691 2,802 3,490 4,313	220 1,076 4,316 6,057 7,305	45 207 713 1,779 1,064	1,692 10,007 56,923 75,274 64,388	2,700 15,586 82,785 109,096 110,254	1,010 5,554 24,979 32,526 44,566	35 14 — —	104 69 - -	109 576 2,068 2,324 3,471	353 2,408 9,074 10,348 15,332	1,119 6,079 24,468 34,108 47,920
500 employed and over	} 13	2,817	5,948	12,076	1,874	121,904	218,548	96, 284		-	3,983	4.985	99,651
auxiliary units					• • •		***						
Totals	281	8, 183	17, 387	31.049	5,682	330, 187	538, 968	204, 919	49	172	13,258	61, 194	215, 189
1965	1												
Under 5 employed	70 63 68 35 21	66 324 1,303 1,795 1,635 3,055	140 687 2,763 3,787 3,509 6,547	211 1,118 4,550 6,711 6,422 14,061	46 226 739 1,918 1,022 2,147	1,556 11,446 57,606 82,634 56,010 132,897	2,771 17,355 84,646 119,745 94,835 245,817		38 9 - 1 -	122 54 - 4	115 545 2,063 2,516 2,715 4,564	368 2,402 9,615 11,177 12,590 22,747	1,260 6,106 27,789 35,822 41,389
300 employed and over			***								735	5,277	(16
Totals	272	8,178	17,434	33,074	6, 1196	342, 149	565, 169	219, 233	48	180	13, 253	64, 175	227, 809

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

				Man	ufacturing	activity				7	l'otal acti	vity	
Type of organization	Estab-		Production and related workers		Cost of	Cost of materials	Value of shipments	Value	Working owners and partners		Employees		Value
	ments	Number	Man- hours paid	Wages	elec- tricity	and supplies	of goods of own manu- facture	added	Number	With- drawals	Number	Salaries and wages	value added
	No.		'000			\$'000				\$'000		\$10	000
1964													
Individual ownerships	28	24	53	73	12	450	822	357	24	87	36	118	393
Partnerships	12	14	33	45	13	572	845	260	25	86	16	52	283
Incorporated companies	236	8,095	17, 196	30,775	5,601	326.556	533.840	203.462			12,409	55,786	213.721
Co-operatives	5	50	105	156	56	2,610	3,460	840		110	70	253	947
Head offices, sales offices and auxiliary units				h 4 p							727	4,985	(155
Totals	281	8,183	17,387	31,049	5,682	330, 187	538,968	204,919	49	172	13,258	61, 194	215, 189
1965													
Individual ownerships	28	104	194	264	40	1,609	2,352	853	27	93	126	333	868
Partnerships	10	11	24	35	11	501	784	268	21	87	13	41	289
Incorporated companies	228	7,990	17,057	32,538	5,996	336.489	557,292	216.995			12,283	58, 157	225,451
Co-operatives	6	73	160	238	49	3,549	4.741	1,117	4.4.2		96	368	1,216
Head offices, sales offices and auxiliary units											735	5,277	(16
Totals	272	8, 178	17, 434	33,074	6, 1196	342,149	565, I69	219, 233	45	180	13, 353	64,175	227, 809

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

	Manufact activi		Non-manufa activiti		Tota activi	
	1964	1965	1964	1965	1964	1965
	1_	J	\$.00	0		
Output						
. Shipments and other revenue	538,968	565.169	41,724	38,252	580,692	603,421
Inventories - Goods of own manufacture:						
Add closing - Goods in process	2,541	2,687		* * *	2,541	2,687
Finished goods	29,587	31,628			29,587	31,628
Deduct opening - Goods in process	2,617	2,567			2,617	2,567
Finished goods	27,691	29, 438	• • •		27,691	29,438
. Net inventory change	1.820	2.310			1,820	2,310
Gross output (1+2)	540,788	567,479	41,724	38,252	582,512	605,731
Input						
. Purchases of goods not of own manufacture			30,521	27,898	30,521	27.898
Inventories - Goods not of own manufacture:						
Add opening	• • •		3,269	3,743	3,269	3,743
Deduct closing			3,833	3,584	3,833	3,584
. Cost of goods sold (not of own manufacture)			29.957	28,057	29,957	28,057
. Materials, supplies, etc.	330, 187	342,149	1.496	1.620	331,683	343,769
. Fuel and electricity	5.682	6,096		• • •	5,682	6.00
. Gross input (5 + 6 + 7)	335,869	348,245	31,453	29,677	367,322	377,950
Value added (3 - 8)	204, 919	219, 233	10, 271	8,575	215, 189	227, 809

TABLE 8. Employment and Payroll, 1964 and 1965

					Emplo	yees						Salari	es and wi	iges	
Y; and		Product related			Adm:			les nd	T	otal	Producti	on and	Admin-	Sales	
province	Manufa	cturing	O	ther		office		button	1.0)tai	related v	vorkers	istra- tive and	and distri-	Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other	office	bution	
					numt	er							\$'000		
1964								1)	1			1		1
Newfoundland	1														
Prince Edward Island	> 104	106	-	_	42	22	45	5	191	133	554	-	363	272	1,189
Nova Scotia															
New Brunswick	130	206	_	-	22	33	30	-	182	239	773	-	211	145	1,130
Quebec	1,351	961	24	9	512	366	808	38	2,695	1,374	8,047	158	5, 448	4,457	18, 111
Ontario	2,827	1,265	86	34	926	578	825	48	4,664	1,925	16,870	492	9,713	5, 345	32,420
Munitoba	244	226	_	-	57	59	108	5	409	290	1,628	_	681	641	2,949
Saskatchewan	8	12		-	4	3	-	-	12	1.5	54	_	37	_	91
Alberta	110	30	-	_	35	13	2	_	147	43	643	-	289	7	939
British Columbia	328	275	-	-	97	87	148	4	573	366	2,480		1,001	883	4,365
Yukon and Northwest Terri- tories		_		_	_	_	_	_	_	_	_	_	_	_	
Totals	5,102	3,081	110	43	1,695	1,161	1,966	100	8,873	4,385	31,049	650	17,744	11,750	61,194
1965															
Newfoundland	Х	X			X	X	х	Х	X	X	Х	-	X	X	х
Prince Edward Island	_		-	_	_	_	_	_	_	_	_	-		_	_
Nova Scotla	x	X	-	_	X	x	X	X	х	X	Х	_	x	х	X
New Brunswick	128	188	_	_	20	30	34	_	182	218	764	-	214	164	1.142
Quebec	1,312	1,004	10	6	471	3 07	616	34	2,409	1,351	8,848	85	5, 147	3,489	17,569
Ontario	2,804	1,225	93	35	966	609	1,004	72	4,867	1,941	17,734	621	10,329	6,735	35, 420
	277	264	_	_	53	65	121	6	451	335	1.796		641	683	3,119
Manitoba	X	X	_	-	x	x	_	_	X	X	X	_	x	_	х
Saskalchewan	106	17			33	9	_		139	26	633		273	_	906
Alberta	334	290	1	_	113	96	150	4	598	390	2,663		1,090	923	4.676
British Columbia															
Yukon and Northwest Terri- tories		-	_	_	_	-	_	-	_	-		-	1-1		_
Totals	5,071	3,107	1.04	41	1,699	1,142	1,968	121	8,842	4,411	33, 074	706	18,115	12, 280	64,175

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

M	196	4	1965		
Month	Male	Female	Male	Female	
		numb	er		
Establishments reporting monthly detail (large establishments only):			1		
January	4,844	2,911	4,684	2,89	
February	4,903	2,997	4,804	2,93	
March	4,970	3,014	4,811	3,04	
April	4,964	2,053	4,861	2, 98	
May	5,058	3,054	4,957	3,04	
June	5,029	3,020	5,049	3,00	
July	5,109	3,038	5,052	3.02	
August	5,072	3, 124	5,082	3,02	
September	4,975	3,134	5,064	3,11	
October	4,984	3,023	5,038	3,26	
November	5,056	3,085	5,061	3,14	
	4,946	2,827	5,011	3,05	
December	4, 995	3,025	4,962	3.04	
Averages	4* 320	3,020	4,502	3,04	
stablishments reporting annual averages (small establishments only)	107	56	109	5	
Average for all establishments	5,102	3,081	5, 071	3,10	

TABLE 10. Inventories, 1965

		Manufa	cturing		Non- manufacturing	
Province	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	Total inventories
Opening:			book value	\$'000		
Newfoundland Prince Edward Island	х	Х	X	Х	-	X
	_	_	-	_	-	_
Nova Scotia	X	Х	X	Х	Х	X
New Brunswick	2,247	17	477	2,741	21	2,76
Quebec	14,084	679	7.699	22,461	1,532	23, 99
Ontario	24,508	1.664	16, 114	42,286	1,616	43,90
Manitoba	4,020	123	2,367	6.510	221	6.73
Saskatchewan	X	X	X	Х	Х	Х
Alberta	2,803	1	780	3,584	73	3,65
British Columbia	6,404	44	1,841	8,288	218	8,50
Yukon and Northwest Territories	_	_	to the same	_	_	_
Totals	55, 147	2,567	29, 563	87, 277	3,743	91,02
Closing:						
Newfoundland	х	х	x	x	_	х
Prince Edward Island	_	_	_	_	_	_
Nova Scotia	X	X	х	x	х	x
New Brunswick	2,095	20	471	2.586	16	2,600
Quebec	14,311	628	8,822	23,761	1,293	25,053
Ontario	24,623	1,632	17,005	43,260	1,743	45,003
Manitoba	4, 137	123	2,337	6,597	262	6,858
Saskatchewan	х	x	x	X	X	X
Alberta	2,364	4	698	3,066	25	3.098
British Columbia	4,905	225	2,203	7,334	209	7,54.
Yukon and Northwest Territories	_	_	_	_	_	1,04.
Totals	53, 708	2,687	31, 806	88, 201	3,584	91,78

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

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	
And the state of t		Quantity	Cost	Quantity	Cost
Materials used:			\$*000		\$1000
Acids:		2 400 001			
Citric Other acids	ib.	2,488,961 5,381,369	772 539	2,431,276 4,969,232	
Alcohol (including duty)		143,111	325	154,355	3
Ammonium compounds		3,915,565	139	4,016,246	1
Baking powder (sodium bicarbonate)		3,050,790	132	3,028,521	1
Baking powder materials	4.0	1,414,652	159	1,374,236	
Benzoate of soda		335,377	81	129,286	
Caustic soda (100%)	+ #	5,303,073	176	5,687,237	
Chlorine		878,150	58	1,806,264	
Cream of tartar, crude	4.6	190,615	55	123,636	
Filtering agents (chemicals, minerals, etc.)			186		
Glycerine		58,547	17	66,847	
Lecithin		500,166	81	549,504	
Mono-sodium glutamate	£ 4	1,224,536	773	1,452,870	
Propylene glycol	+ 4	578,516	118	650,828	
Salt (sodium chloride)		23,951,172	353	26,026,304	
Soda ash	44	1,107,464	26	1,574,722	
Stabilizers (food)	2.0	503,575	182	644,102	
Other chemical Ingredients, for foods			1,003		
Colours, essences, spices, etc.: Caramel	201	36,525	64	24 000	
Colouring for foods		211,332	64 444	34,927 225,465	
Concentrated flavours (fruit, vanilla, etc.)			1,142	* * *	1.
Extracts, essences, etc. for flavouring			878 422		
Carlatine	1b.	1,903,573	1,281	2,577,341	1.
Dams aromatic (acacia, karaya, tragacanth, etc.) Highs, mosses, seaweed, roots, etc.	***	144,890 315,770	100	291.868 171.666	
Mustard used in manufacturing	**	780.043	71	277,486	
Wustard seed	4.1	1,839,029 134,518	166 254	2,956,425 109,933	
Spices used in manufacturing Spice materials (seed, bark, etc. for grinding and mixing)	4.6	2,826,096 4,382,404	1.397	4,851,834	2.
Vanilla beans	1.0	56,068	304	4,871,038 57,641	2,
Vanilin		42,992	122	42,455	
Vinegar, used in manufacturing Vitamins	gal.	595,454	330	625,624	
Yeast Other flavour ingredients	ltr.	300,910	110	268,111	
Other materials:					
Chocolate Cocoa, used in manufacturing	1.6	484,605 5,782,339	1,280	462,524 6,157,303	1.
Coffee beans, green		162,514,772	75,260	164,786,855	76.
Dairy materials: Butter	1.0	121,992	65	133,845	
Butter oil		-			
Cream powder	1.0	108,474	26 24	239,282 26,795	
Milk whole, liquid	1.1	26,396 67,317,556 1,099,180	2,292	71,524,207 1,462,394	2,
Milk whole, condensed, evaporated or powder Milk skim, liquid		1,099,180	212 113	1,462,394 8,669,815	
Milk skim, condensed, evaporated or powder		8,262,723	1,175	9,063,430	1,
Eggs: In sheil	doz.	11,378,832	3,567	8,727,630	2.
Liquid not frozen	ib.	- 1	-	[11,247]	
Frozen Powdered (dried yolks, albumen, etc.)		1.053.957	489 720	1,006,126 730,854	
Extracts of meats		131,503	283	93.752	
Plour:		101,000	203	50,106	
Corn		4,519,000	291	5,947,532	
Rice		1,103,736 126,383,584	t 16 5,808	1,279,291	
Wheat Other flours	6.0	22,090,237	1,407	145,449,306 18,110,332	6,
Fruits: Dried (raisins, dates, etc.) for use in manufacturing	d t	4 574 324	750	896 200	
Dried (raisins, dates, etc.) for cleaning and packaging	44	4,574,324 1,741,269 1,297,203	303	896,290 5,381,254	
Fresh ali kinds Fruit and peel in brine		1,297,203 2,617,591	214 570	1,445,557 3,127,587	
Preserved and canned, all kinds		2,662,523	541	3,292,447	

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

		1964		1965	
Description		Quantity	Cost	Quantity	Cost
			\$1000		\$'000
Materials used - Concluded:	11.	105 755	21.0	110 200	
Fruit drink powders		185,755	218	112,360	1
Fruit juice, all kinds		134,513	25	116,916	
Fruit juice concentrates, all kinds		2,116,657	796	1,401,327	5
Grains, all kinds	bu.	33,255,862	49,042	9 8 4	50,7
Lard	lb.	2,978,880	447	3,512,979	5
Shortening	#4	14,424,400	2,613	14,952,500	3,0
Margarine	1.1	536		144	
Matt:					
Matt, barley	bu.	113,154	234	307,931	(
Malt, other than barley Malt, received for further processing		4,206,890	6.849	3,989,873	6.5
Malt sprouts		1,556	0,043	5,363,613	0,:
Mait extract and syrup	lb.	109,537	18	125,136	
Other malt materials			13	***	
Nuts:					
Cocoanuts	lb.	1,180,808	274	2,097,850	
Peanuts, green Peanuts, roasted		35,792,469 1,019,490	4,840 158	36,830,183 346,464	5,
Other nuts		1,931,509	1,100	1,530,125	
Oil crude, Canadian	11	29,680,521	3,708	34,548,071	4
·					4.
Oll crude, imported		9,575,247	1,503	20,109,618	3,
Oils refined:	4.6	11 001 510	1 500	0.040.005	
Animal Marine		11,001,512 20,069,481	1,590 2,796	9,340,035	3,
Mineral		830,507	213	424,902	,
Vegetable:	4.0	4 700 400	0.01	10 010 000	
Cocoanut Corn	7.8	4,782,428 8,231,961	1.532	10,313,362	2.
Cottonseed	15	8,231,961 13,891,608	1,532 2,259	13,457,943 13,817,947	2,
Olive		24,500 4,506,402	776	25,000 3,969,452	
Peanut Rapeseed	1.0	1.745.250	269	3,907,427	
Soybean		1,745,250 52,937,966	7,587	33,456,823	5,
Other vegetable oils		9,932,985	1,603	9,372,336	1,
Oils refined, mixed		36,930,240	5,687	32,636,274	5,
Poultry and poultry meat	##	1,849,254	486	1,850,557	
Sugar and sweetening agents:			0.10		
Dextrose		7,664,048 10,994,771	912 924	8,300,350 9,080,882	1,
Glucose Honey		23,721,285	3,585	23,648,709	3,
Maple sugar		_		_	
Molasses Sugar, beet or cane	lb.	51,315,427 102,839,362	1,195	52,590,772 101,922,470	1.8.
Sugar butter	61	4,878,000	878	78,981	U a
Sugar; liquids (invert, surcrose, maltose, etc.)		13,785,940	1,580	10,097,065	
Syrup: Corn	- G	1,153,354	116	544,437	
Maple		4,192,478	1,153	4,991,240	1,
Other sweet syrups		665,077	200	7,043 923,696	
Other sweetening agents		003,017	200	920,090	
Starch:	4.4	9,605,254	945	7,659,696	
Corn Potato		4,552,373	406	9,374,709	
Wheat		941.400	80	1,126,352	
Other starches		584,174	97	1,268,042	
Tea loose, for blending and packaging, etc.	#1	43,630,182	26,575	42,395,203	26,
Vegetable:	4.1	000 000	7.00	500 055	
Olives in bulk		663,928	6, 646	789,975 282,226,025	6.
Potatoes Soybeans	4.6	349,945,408° 3,416,050	174	1,640,915	0,
Other fresh vegetables		2,753,374	101	5,216,477	1
Vegetables dehydrated Vegetable pickies, relishes, etc.		2,116,935 723,539	934 124	1,842,017	1,
All other materials and components used		4 . 4	8,330	4.0.0	10,
Containers and other packaging materials and supplies used			48,925		51.
		• • •			5.
Operating, maintenance and repair supplies used (excluding fuel)		0 0 0	5,079	a • •	ο,
Amount paid out to others for work done on materials owned by establishments		• • •	939		
Totals		*1*	330,187	***	342,

No detailed information on materials used was collected from small establishments, the estimated cost for which is included here. This estimated cost was \$2,852,355 in 1964 and \$2,685,302 in 1965.

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

		1964		1965	
Description		Quantity	Value	Quantity	Value
Products:			\$'000		\$*000
Almond paste				_	
Baking powder Cream of tartar, refined Coffee, roasted	lb.	153,950	1 144	148,174	151
Coffee, instant Confectionery, all kinds Corn starch, edible, laundry, etc. Corn syrup		17,965,920	44,306	18,926,704	45,665
Sauces for meats, etc. Eggs, frozen Egg powder, plain and sugared	lb.	4.462.082 725.775	1 1,720 939	5,910,320 623,531	2,032 796
Egg substitute Flavours, extracts, concentrates, etc. (for bakers', confectioners' and household use)	gat.	370,493	5,043	403,577	5,083
Flavours, extracts, concentrates, emulsions, etc. (to be used in manufacturing soft drinks) Food colours Food drink powders	1.6	102,508	969 337 11,768	150,963	962 423 6,748
Glucose Maraschino cherries	lb.	1.091.192	662	1,428,749	826
Other fountain fruits Teings, icing and candy mixes		3,555,117	896	3,016,811	729
Jams and Jellies Marmalades Malt (barley, etc.) Malt extract and syrup	4.4	6,241,439	1,850	5, 621, 991	1,660
Mait flour Margarine and margarine substitutes Mincement Nonetard, prepared	6.6	123,067,804 439,515 1,457,425	1 28.326 140 2,098	112,768,206 767,509 1,444,697	27,841 181 2,051
Olives, bottled, etc. Pie filling, apple Pie filling, other (peach, cherry, etc.) Powders (pie filling, pudding, etc.)	11	1,181,239 2,756,374 20,316,293	243 793 9,364	678,773 3,513,487 21,733,294	1,066 10,418
Powders, custard Powders, all other Powders, roasted, salted, etc.		21,301,847 6,084,502	9,815 4,405 2,394	22,213,332 7,471,906	10,040 461 2,852
Other nuts, roasted, salted, etc. Peanut butter Potato chips, friils, etc. (factory made) Potato starch and flour	41	1.639.287 25,981.790	1,347 8,855	1,297,360 25,904,499 13,441,375	1,109 9,116 1,145
Prepared cake mixes Other prepared mixes (doughnut, pastry, etc.) Rice, cleaned and polished Salad and mayonnaise dressing		26,390,711 62,018,062	7,421 9,205	30, 204, 597 66, 389, 149	8,560 9,421
Seasoning dry		L	ŧ	1	1
Meat curing salts, and compounds Popcorn and popcorn confectionery Flour preparation for sausage fillings, etc.	lb.	2,539,242	1,411	3,246,688	2,011
Syrups, table Syrups, fountain, fruit, and ice cream toppings Spices, ground, mixed, etc. Sugar butter	lb.	7,438,875 7,693,735	1.707 4.180 6.984	8,272,524 8,819,688	1,986 3,08 8,234
Tey blended packed etc.		1	1	42, 224, 976	50, 82
Yeast, fresh and dried Yeast food and bread improver Raisins, currants and dates, cleaned, packaged, etc.		5,660,866	1,389	12,847,206 4,981,629	1,248
All other products		* * 4	375, 418°	• • •	352, 719
Amount received in payment for work done on materials and products owned by others			247	4 4 4	248
Less adjustment for value of sales, excise duties and outward transportation charges which which could not be deducted from individual commodity items described above		, , ,	(5,707)	+ 6 b	(5,803
Net adjustment for establishments receiving progress payments					
Total adjusted value of shipments and work done		4 0 0	538,968	0 9 0	565,169

^{*} Confidential, included in "All other 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)

	1964 ^p		1966	
	Quantity	Value	Quantity	Value.
		\$'000		\$'000
Bread improver and yeast food	13,245,491	1,568	12,847,206	1,248
Coffee, roasted	95,240,654	74, 766 °	99,078,907	78,033
Coffee, instant	17,965,920	44,306	18,926,704	45,665
Egg powder	726,565	940	648,942	828
Flavours, extracts etc. (for bakers, confectioners and household use)		11,177		13,338
Flavours, extracts, concentrates, etc. (for use in manufacturing soft drinks)	1,764,674	13,862		25,031
Margarine	177,769,750	39,612	168,057,676	40,896
Mincemeat	5,756,260	1,234	6,637,418	1,404
Mustard, prepared	1,943,167	2,959	1,949,645	2,975
Powders, ple filling, pudding and desserts	24,682,386	10,814	26,399,295	12,278
Powders, jelly	22,060,068	9,910	22,954,794	10,080
Peanut butter	44,117,395	14.708	48,765,110	16,971
Potato chips, factory made	61,268,928	39,454	60,866,608	39,766
Prepared cake mixes	57,518,711	12,522	52,660,454	12,805
Other prepared mixes (pastry, doughnut, cookie, etc.)	80,345,147	11,994	88,564,477	12,740
Salad dressing and mayonnalse	48,256,230	16,387	52,105,472	18,276
Sandwich spread	4,462,222	1,894	4,743,400	2,028
Spices, ground, mixed, etc.	8,583,688	7,738	9,567,296	8,837
Syrups, table	11,641,790	2,596	12,684,898	2,110
Tea, blended, packed, etc.	45,466,661	53,484	43,868,326	52,799

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:	
Newfoundland Margarine Co. Ltd. The	250 Le Marchant Rd., St. John's
Nova Scotia:	NE CONTRACTOR CONTRACT
Nick Cornish Glendale Foods Ltd. Gravel, A.I. & Co. Hostell Foods Products Java Blend Coffee, The McKenzie's Sales Ltd. (Salad Div.) Morse, J.E. & Co. Ltd. Mother's Own Products Ltd. Schwartz & Sons, W.H. Ltd. Standard Brands Ltd. Tracy, E.S. Mfg. Co.	New Minas 100A Hollis St., Halifax 68 Victoria St., Middleton
New Brunswick:	
G.E. Barbour Co. Ltd. G.E. Barbour Co. Ltd. Brooke Bond (1959) Canada Ltd. Grand Fulls Chemical Co. Ltd. Hatfield Industries Ltd. Le Blanc, Gerald C. Loyalist Pood Products Ltd. Maritime Product Co. Ltd. McCain Food Limited Pirie Potato Co. Ltd. Valley Co-Operative Ltd. H.W. Wilson Co. Ltd.	293 Union St., Saint John 16 North Wharf, Saint John 49 Mill St., Saint John Grand Falls Hartland Buctouche Renforth St. Antoine Grand Falls Grand Falls Grand Falls Grand Falls 28-30 Water St., Saint John
Quebec:	
J.E. Bergeron & Fils Ltée Bernard, Léo Ltd. Bleau, J. Clovis Enrg. Bolduc, A.M. & Fils Bovril (Canada) Ltd. H.C. Brill (Canada) Ltd.	7 St-Jean-Baptiste, Bromptonville 2472 - 93rd St., Shawinigan 1729 - 18ième Rue, Quebec St. Victor de Beause Pointe Claire 10140 Place de l'Hotel de Ville, Montreal 25

List of Establishments classified to this Industry, 1965 - Continued

Name	Location	_
Quebec - Concluded:		
Broskard & Charette Ltée Broskard Frères Bush, W.J. & Co. (Canada) Ltd. Canada Malting Co. Ltd. Canada Malting Co. Ltd. Chanticlere Food Products Chan Wah Noodle Mfg. Co. Reg'd. Compagnie Caron Inc. Concentres Frontenac Enrg. Coq-Hardi Depot, Arthur Desy, J.A. Ltd. Duchess Potato Chips, Ltd. Dulac Potato Chips, Ltd. Dulac Potato Chips, Inc. Empire De-Hydrated Products (Canada) Ltd. Frito Co. of Canada Ltd, The Gauthier, O. Ltée Gauvin, Alphonse, Inc. General Foods, Limited V. Girard & Cié Grapette (Canada) Ltd. The Great Atlantic & Pacific Tea Co., Ltd. Grenache (1963) Incoporée Italian Canned Food Products Reg'd. Jonas, Henri & Compuny Laboratoire Aubry-Paris, Enrg Lallemand Inc. Lallem	1077 Clark St., Montreal 41 blvd. des Alliés, Quebec 1985 Ave. du Sanctuaire, Giffard 642-8ième Ave., St. Amtoine des Laurentides 1458, rue Frontenac, Montreal 1459, ave, Delorimier, Montreal 1459, ave, Delorimier, Montreal 1459 ave, Delorimier, Montreal 1459 ave, Delorimier, Montreal 1459, ave, Delorimier, Montreal 15425 Chapleau St., Montreal 15425 Chapleau St., Montreal 15110 Courtrai St., Montreal 15110 Courtrai St., Montreal 15555 St. Patrick St., Montreal 15555 St. Patrick St., Montreal 100, ave. St. Sacrement, Quebec 190-90th Ave., La Salle & 3510 Albert St., Montreal 1300, ave. St. Sacrement, Quebec 190-90th Ave., La Salle & 3510 Albert St., Montreal 12139 A Letellier St., Montreal 12139 A Letellier St., Montreal 1500 Rose de Lima St., Montreal 1500 Rose de Lima St., Wontreal 139 St. Paul St. W., Montreal 139 St. Paul St. W., Montreal 16280 Côte des Nelges Rd., Montreal 16280 Côte des Nelges Rd., Montreal 1650 Prefontaine st., Montreal 1650 Prefontaine st., Montreal 1650 Prefontaine st., Montreal 1660, ave. Thomas, Magog 1670 Jarty Est., Ville Anjou 170, rue Queen, Montreal 1710 Basin Street, Montreal 1725 Basin Street, Montreal 1730 St. Patrick St., Montreal 1740 Jeanne-Mance, Montreal 1750 St. Patrick St., Montreal	
National House Coffee Ltd. Ocean Mils, Limited Orlin's Extract Co. Ltd. Packwell Ltd. Page, J. Wilfrid Parts, J.R. & Fils Ltée La Peptonine et F. Coursol Enrg. Poulet Doré Proctor & Gamble Co. of Canada, The Produits Bernard Ready-to-Cook Products Ltd. Reckitt & Colman (Mfg.) Ltd. Ritchie, John Ltd. Robin Hood Flour Mills Ltd. (Prepared Mixes — Mtl.) Robitaille, Henri Sacharen Bros. Inc. Salada Foods Limited Schwartz, H.W. and Sons Ltd. Sirop de Table Maurice Sportman's Confiserie Inc. Standard Brands Limited Sterling Teas & Coffees, Ltd. Stuart Bros., Co. Ltd. Sunshine Biscuits (Canada) Ltd. Sunshine Biscuits (Canada) Ltd. Sutton Maple Products Ltd. Tuque Rouge Maple Products Ltd. Warwick Potato Chips Inc. Western Extract Co. Wong Wing Food Products Co.	400 Bufe St., St. Lambert 64, rue Champlain, Quebec 2 2525 est, rue Rachel, Montreal 34 10580 L'Archevêque, Montreal N. Lac Carre Pointe Claire 296 Main, Buckingham 20 Bates Rd., Montreal 2275-52nd Ave., Lachine 404 St. Henry St., Montreal	
Ontario:		
Bear, G.C. Ltd. Berhards Coffee Co. Ltd. Aell Bucon Rind Ltd. Blily Bee Honey Products Ltd. The Brantford Coffee & Spice Co. Canada Malting Co. Ltd. Canada Malting Co. Ltd. Canada Packers Co. Peanut Butter Div. Canada Starch Co. Ltd. Canada Starch Co. Ltd.	370 Dalhousie St., Brantford Port Arthur 5 Bathurst St., Toronto 60 Paton Rd., Toronto R.R. i, Ayr	

List of Establishments classified to this Industry, 1965 - Continued

Name	Location
Ontario Concluded:	
Canadian Bakers Ltd.	358-360 Frankcom St., Ajax
Chef's French Fries Ltd.	3512 Emery St. W. London
Chocolate Products Ltd. & The Stubby Co.	335 Judson St., Toronto 129 Railside Road, Don Mills
Columbia Coffee & Teu Mfg. Co.	220 Pellat Ave., Weston
Confederated Foods of Canada, Limited	Delta
W. Cronfell & Son Ltd. W.B. Cross Co.	Derby Rd., Crystal Beach 360 Dufferin St., Toronto
D.C.A. Food Industries Ltd.	127 Dufferin St., Trenton
Dalton's (1834) Ltd.	227 Front St. E., Toronto
Dare Foods Ltd. David, Michael, & Co. (Canada) Ltd.	35 Torbarrie Rd., Downsview 51 Advance Rd., Toronto
Diversified Research & Sales Ltd.	
Dominion Egg Produce Ltd.	52 Mitchell Ave., Toronto 3
Dominion Malting (Ontario) Ltd. Drew Chemical Ltd.	369 Lake Shore Blvd., Toronto 398 Boyley St., Ajax
G.S. Dunn & Company	80 Park St. N., Hamilton
First Spice Mfg. Corp. of Canada Ltd.	98 Tycos Dr., Toronto
Foodcraft Laboratories Ltd. Food King Products of Canada Co.	260 Richmond St. E., Toronto R.R. No. 2, Trenton
General Foods, Ltd.	520 William St., Cohourg
General Mills (Cereals) Ltd. Gibbons Foods Ltd.	1500 Martin Grove Rd., Rexdale, Toronto 49 Advance Rd., Toronto 9
Glenwood Products Limited	72 Duchess St., Toronto
Gildden Co. Ltd., The	261 E. Shepherd St., Windsor
Gold Medal Products Ltd. Gorman, Eckert & Co. Ltd.	21 Front St. E., Toronto 316 Rectory St., London
Grant Products Ltd.	Barber Greene Rd., Don Mills
Griffith Laboratories Ltd., The Griffith Laboratories Ltd., The	66 Cameron St., Cannington
Griffith Laboratories Ltd., The Gumpert, S., Co. of Canada Ltd.	757 Pharmacy, Scarboro 31 Brock Ave., Teronto 3
Hawkins, W. T., Ltd.	105 Pinnacle St., Belleville
Hayhoe, R.B., and Co. Ltd.	1381 Castleffeld Ave., Toronto
Hostess Food Products Ltd. Jenkins' Foods	1001 Bishop St., Preston 25 Macauley St. W., Hamilton
Kelly, M.R. Co, Ltd.	11 Cedar Ave., Hamilton
King, Chun of Canada Ltd.	1019 Elliot W., Windsor 14 Dickens St., Toronto North Rock 51 Advance Rd., Toronto 15
Kingsmill Foods Ltd, Kingsway Chocolate Co. Ltd.	51 Advance Rd., Toronto 18
Knox Gelatine of Canada Ltd.	43 Carrying Place Rd., Treaton
Krim-Ko Corp. of Canada Ltd. Lever Potato Chips Co. Ltd.	Grote St., St. Catharines
Lipson, D. & Son Ltd.	579 College St., Toronto
Lipton, Thomas J. Ltd.	2200 Yonge St., Toronto
Love, R.W., Co, Ltd. Lowe, Joe, Corporation	1 Overend St., Toronto 2 1: 50 Torlake Crescent, Toronto
Lyons, J. & Co. (Canada) Ltd.	t Dorchester St., Toronto
MacDowell Bros. MacFeeters Creamery Ltd.	5 Jessie St., Brockville 52 Jarvis St., Toronto
Mead Johnson of Canada Ltd.	133 Bleecker Ave. S., Belleville
Mina Food Products Ltd.	
Mojabo Coffee Co. Ltd. Monarch Fine Foods Ltd.	500 Front St. W., Toronto 195 Belfield Rd., Rexdale
Mother Parker's Tea & Coffee Ltd.	1275 Castelfield Ave., Toronto
Nabob Foods (Kelly Douglas & Co.) Nestle (Canada) Ltd.	359 Station St., Ajax Main St., Chesterville
Nutriproducts Ltd.	173 Brock St. N., Whitby
Ogilvie Flour Mills Co. Ltd., The Ontario Honey Producers Co-op Ltd.	Front St., Fort William 5 Defries St., Toronto
Ottens Mig. Co.	3 Jarvis St., Toronto 2
Ovaitine Food Products, Wander Co. of Canada	Park & Lansdowne Sts., Peterborough
Pearl Produce Ltd. Pillsbury Canada Ltd.	367 Spadina Ave., Toronto King St., Midiand
Pizzolati & Chittaro Mfg. Co. Ltd.	1838 Davenport Rd., Toronto
Potatocraft Limited	96 Rivalda Rd., Weston 3065 King St. E., Kitchener
Raymond's Nut Shops Ltd. Rees, George E. Ltd.	263 Adelaide St. W., Toronto
Rich Products of Canada Ltd.	Queen Elizabeth Way, Fort Erie
Rock & Rye Sales Royal Beverage & Food Products Co.	88 Craiglee Dr., Scarborough 58 Junction, Toronto 9
St. Lawrence Starch Co. Ltd.	141 Lakeshore Rd. E., Port Credit
Salada Foods Ltd.	
Sandra Instant Coffee Co. Ltd. Seeley & Co. (Canada) Ltd.	2530 Stanfleld Rd., Dixie 39 Densley Ave., Toronto
Short, J.R. Canadian Mills Ltd.	70 Wicksteed Ave., Leaside
Smith, J. Hungerford Co. Ltd. Stafford Foods Ltd.	110 Vulcan St., Rexdale 37 Hanna Ave., Toronto
Standard Brands Ltd.	510 Waterloo Ave., Guelph
Standard Brands Ltd.	Ingersoll
Stange-Pemberton Ltd. Sterling Coffee Co. Ltd., The	99 Advance Rd., Toronto 18 191 Golin St., Toronto
Stuart's Branded Colled Ltd	1941 Mattawa Ave., Cooksville
Sunshine Biscuits (Canada) Ltd.	195 Rexdale Ave., Rexdale 3255 Wyandotte St. E., Windsor
Sunshine Biscuits (Canada) Ltd. Sunway Fruit Products Inc.	670 Caledonia Rd., Toronto
Tempo Fruit Products	75 Yorksminster, Toronto
Tenco Ltd,	144 Mills Rd., Ajax 2551 Wharton Glen Ave., Cooksville
Thomas Foods, Ltd. Tudor Products	308 MacKenzie, Atikokan
United Maple Products Ltd.	Main St., Delta
Ware Foods Ltd. Young-Winfield, Ltd.	129 Mulberry St., Hamilton 89 Cannon St. W., Hamilton
and the page of th	

List of Establishments classified to this Industry, 1965 - Concluded

Name	Location
Manitoba:	
Borden Co. Ltd. The Brooke Bond Canada Ltd. Canada Malting Co. Ltd. Ctessy, John R., Ltd. Dominion Malting Co. Ltd. Empire Spice Mills Ltd. Escott, W.H. Co. Ltd. Federated Fine Foods Food Materials Ltd. Hipwell, E. Justin Ltd. Jones, C. & J. Ltd. Lowe, Joe, Corporation Manitoba Co-op, Honey Producers Ltd. Melrose Fonds Ltd. Mid West Produce Co., Ltd. Northland Wild Rige Ltd. Old Dutch Foods Ltd. Tusty Sunflower Seeds Wade, J.W.	Salter & Jarvis Sts., Winnipeg 334 McDemot Ave., Winnipeg 1051 Coulter Ave., Winnipeg Altona Transcoma 75 Martha St., Winnipeg 129 McDermot Ave., E., Winnipeg 171 Wellington Ave., Winnipeg 405 1st Street, Neepawa 130 Portage Ave. E., Winnipeg 625 Roseberty St., Winnipeg 81 Water Ave., Winnipeg 81 Water Ave., Winnipeg 81 Water Ave., Winnipeg 600 Washington Ave., East Kildonan 1700 Sargent Ave., Winnipeg 349 Alfred Ave., Winnipeg Lae Du Bennet
Saskatchewan:	
Redi-Peel Produce Ltd. Saskatchewan Honey Producers Co-op Marketing Ass. Ltd. Sid's Sunflower Seeds Ltd.	850 Dewdney Ave., Regina 99th Ave., Tisdale 1323 Lorne St., Regina
Alberta:	
Alberta Honey Producers Co-op Ltd. Canada Extract & Mfg. Co. Canada Malting Co. Ltd. Fine Blend Coffee & Tea Ltd. Nalley's Ltd. Scalants of Canada Ltd. Similated Brands Ltd. Thay's Food Products Ltd. Verxhall Starch Co. Ltd.	10971-102 St., Edmonton 536 Fifth St., S.E. Medicine Hat 3420-15th St. S.E., Calgary 11306-107th. Ave., Edmonton Brooks 216-35th St. N.E., Calgary 220t-15th St. E., Calgary 5610-96th Street, Edmonton Box 282, Vauxhall
ltraish Columbia:	
Brooke Bond Canada Ltd. Canadian Rice Mills Ltd., The Canadian Soya Industries Ltd. Dickson Importing Co., Ltd. Gold Medal Mfg. Ltd. Hodgson Bee Supplies Ltd. Hol'n One Donut Co. of B.C., Ltd. Interprovincial Co. operatives Ltd. Jimmy's Food Products Johnson's J.B. Coffee Co., Ltd. Krispes Foods Ltd. Krispee Food Ltd. Krispee Food Ltd. Krispee Food Ltd. Krispee Food Ltd. Krusteaz of Canada Ltd. Langis Laboratories Ltd. Lyons, J. & Co. (Canada) Ltd. Macdonald Consolidated Ltd., Coffee Dept. McColls Fine Foods Ltd. Makin, W.H., Ltd. (Manufacturing Div.) Mark Crest Foods Ltd. Mission Canners Ltd. Morell Pure Foods Nahoh Foods Ltd. Nahob Foods Ltd. Naloy's Ltd. Naloy's Ltd. Naloy's Ltd. Naloy's Ltd. Naloy's Ltd. Roberts, Ken, Co. Rose land Mfg. Co. Slocan Soya Co. Thomas A. Steeves Ltd. Super Potato Chips Ltd. Super Potato Chips Ltd. Super Potato Chips Ltd.	1043 W. Hastings St., Vancouver 1320 Montieth Road, Richmond 2131 Dundas St., Vancouver 157 W. Cordova St., Vancouver 157 W. Cordova St., Vancouver 1925-1314 Ave., New Westminster 5989 Fraser St., Vancouver 156595 Bonsor Ave. South Burnaby 4295 Main St., Vancouver 431 Main St., Vancouver 4531 Main St., Vancouver 4531 Main St., Vancouver 4532 Main St., Vancouver 10 2905 Douglas St., Victoria 3003 Grandvlew Highway, Vancouver 210 Commercial Dr., Vancouver 21029 West 4th Ave., Vancouver 2029 West 4th Ave., Vancouver 20375 Kitchener St., Burnaby 2 954 Terminal Ave., Vancouver 901 Mainland St., Vancouver 901 Mainland St., Vancouver 115 Commissioners St., Vancouver 115 Commissioners St., Vancouver 1215 Commissioners St., Vancouver 1215 Commissioners St., Vancouver 1295 Frances St., Vancouver 1295 Frances St., Vancouver 1296 St., Vancouver 121 Keefer St., Vancouver 122 Keefer St., Vancouver 123 Keefer St., Vancouver 124 Keefer St., Vancouver 125 Commissioner St., Vancouver 126 Keefer St., Vancouver 127 Keefer St., Vancouver 128 Keefer St., Vancouver 129 Keefer St., Vancouver 120 Keefer St., Vancouver 120 Keefer St., Vancouver 121 Keefer St., Vancouver 121 Keefer St., Vancouver 122 Keefer St., Vancouver 123 Keefer St., Vancouver 124 Keefer St., Vancouver 125 Keefer St., Vancouver 126 Keefer St., Vancouver 127 Keefer St., Vancouver 128 Keeter St., Vancouver 129 Keefer St., Vancouver 120 Keefer St., Vancouver 121 Keefer St., Vancouver 121 Keefer St., Vancouver 122 Keefer St., Vancouver 123 Keefer St., Vancouver 124 Keefer St., Vancouver 125 Keefer St., Vancouver 126 Keefer St., Vancouver 127 Keefer St., Vancouver

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

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

(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 companyoperated 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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