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BISCUIT MANUFACTURERS

1964

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.
- r revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000		\$'000		
1961													
Totals	48	5,128	10,367	14,390	1,099	42,222	87,182	44,150	8	26	6,728	22,724	44,511
1962													
Totals	46	5,235	10,717	15,219	1,108	44,441	91,680	46,402	3	10	6,875	23,991	46,800
1963													
Newfoundland	1	301	615	793	75	2,665	4,880	2,105	-	-	408	1,295	2,187
Prince Edward Island	-												
Nova Scotia	1												
New Brunswick	3												
Quebec	15	2,309	4,667	6,807	450	21,606	42,195	19,931	x	x	3,200	11,608	19,913
Ontario	17	2,097	4,120	6,706	426	20,282	43,058	22,564	x	x	2,667	10,018	22,843
Manitoba	3	280	615	956	104	3,113	6,597	3,377	-	-	367	1,493	3,345
Saskatchewan	1												
Alberta	2												
British Columbia	3	58	108	199	17	962	1,721	736	-	-	124	576	800
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	46	5,045	10,125	15,462	1,074	48,628	98,451	48,713	7	35	6,766	24,991	49,087
1964													
Newfoundland	1	283	583	819	71	2,577	4,756	2,140	-	-	385	1,349	2,240
Prince Edward Island	-												
Nova Scotia	1												
New Brunswick	3												
Quebec	15	2,005	3,987	6,187	413	19,417	39,580	19,839	3	8	2,783	10,620	19,912
Ontario	15	2,090	4,170	7,002	449	20,373	44,422	23,677	4	26	2,735	10,587	23,706
Manitoba	4	296	641	1,010	104	3,348	7,098	3,664	-	-	385	1,569	3,633
Saskatchewan	1												
Alberta	2												
British Columbia	3	69	138	243	18	1,031	1,817	773	-	-	131	640	786
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	45	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,419	24,766	50,276

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

Size group	Estab-lish-ments	Manufacturing activity						Total activity				Value added	
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Working owners and partners		Employees			
		Number	Man-hours paid	Wages				Number	With-drawals	Number	Salaries and wages		
No.		'000			\$'000			\$'000		\$'000			
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—		
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—		
25,000 "	4	7	16	17	10	53	139	76	x	x	9	23	76
50,000 "	4	51	106	111	26	203	405	176	x	x	56	124	176
100,000 "	8	192	388	461	57	1,540	2,632	1,035	4	26	229	629	1,041
200,000 "	9	289	615	832	86	3,370	6,571	3,121	—	—	432	1,584	3,201
500,000 "	16	2,503	5,190	7,458	466	21,973	42,727	20,366	—	—	3,167	11,267	20,502
1,000,000 "	5	2,003	3,809	6,582	430	21,489	45,977	23,939	—	—	2,569	9,594	24,161
5,000,000 and over	5	2,003	3,809	6,582	430	21,489	45,977	23,939	—	—	2,569	9,594	24,161
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	304	1,770	(71)
Totals	46	5,045	10,125	15,462	1,074	48,628	98,451	48,713	7	35	6,766	24,991	49,087
1964													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	6	14	28	37	10	102	190	89	3	8	17	48	89
25,000 "	3	29	62	68	22	173	302	110	—	—	35	83	110
50,000 "	8	190	377	509	60	1,619	2,689	1,003	4	26	226	696	1,057
100,000 "	8	273	557	741	100	2,858	5,921	2,977	—	—	411	1,525	2,981
200,000 "	13	1,726	3,605	5,459	339	14,757	29,593	14,643	—	—	2,143	7,882	14,718
500,000 "	7	2,511	4,891	8,448	523	27,236	58,978	31,271	—	—	3,280	12,673	31,394
1,000,000 "	7	2,511	4,891	8,448	523	27,236	58,978	31,271	—	—	3,280	12,673	31,394
5,000,000 and over	7	2,511	4,891	8,448	523	27,236	58,978	31,271	—	—	3,280	12,673	31,394
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Totals	45	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,419	24,766	50,276

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

Size group	Estab-lish-ments	Manufacturing activity						Total activity				Value added	
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Working owners and partners		Employees			
		Number	Man-hours paid	Wages				Number	With-drawals	Number	Salaries and wages		
No.		'000			\$'000			\$'000		\$'000			
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—		
\$ 10,000 to \$ 24,999	3	3	8	8	6	38	94	51	x	x	5	14	50
25,000 "	4	36	76	82	28	176	352	148	x	x	39	90	148
50,000 "	3	63	126	134	20	459	685	206	—	—	71	165	206
100,000 "	8	203	434	551	58	2,049	3,322	1,214	4	26	254	797	1,216
200,000 "	5	141	278	387	34	1,684	3,440	1,740	—	—	221	777	1,799
500,000 "	10	1,085	2,258	3,108	223	8,104	15,866	7,485	—	—	1,363	4,773	7,582
1,000,000 "	13	3,514	6,944	11,190	706	36,118	74,692	37,868	—	—	4,509	16,605	38,156
5,000,000 and over	13	3,514	6,944	11,190	706	36,118	74,692	37,868	—	—	4,509	16,605	38,156
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	304	1,770	(71)
Totals	46	5,045	10,125	15,462	1,074	48,628	98,451	48,713	7	35	6,766	24,991	49,087
1964													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	6	14	28	37	10	102	190	89	3	8	17	48	89
25,000 "	5	74	146	181	40	605	925	281	—	—	86	222	281
50,000 "	7	187	380	501	53	1,619	2,644	969	4	26	224	689	1,021
100,000 "	6	183	369	487	68	2,058	4,389	2,278	—	—	296	1,133	2,286
200,000 "	9	949	2,038	2,855	197	7,857	14,883	6,863	—	—	1,178	4,231	6,938
500,000 "	12	3,336	6,559	11,199	686	34,504	74,642	39,614	—	—	4,311	16,584	39,734
1,000,000 "	12	3,336	6,559	11,199	686	34,504	74,642	39,614	—	—	4,311	16,584	39,734
5,000,000 and over	12	3,336	6,559	11,199	686	34,504	74,642	39,614	—	—	4,311	16,584	39,734
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Totals	45	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,419	24,766	50,276

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

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1963													
Under \$10,000	-	-	-	-	-	-	-	-	-	-	-	-	
\$ 10,000 to \$ 24,999	3	3	8	8	6	38	94	50	x	x	5	14	51
25,000 " 49,999	4	36	76	82	28	176	352	148	x	x	39	90	148
50,000 " 99,999	3	63	126	134	20	459	685	206	-	-	71	165	208
100,000 " 199,999	8	203	434	551	58	2,049	3,322	1,214	4	26	254	797	1,216
200,000 " 499,999	4	107	216	298	27	1,241	2,542	1,295	-	-	166	593	1,288
500,000 " 999,999	10	988	2,047	2,784	199	7,399	14,601	6,938	-	-	1,239	4,366	7,049
1,000,000 " 4,999,999	14	3,645	7,217	11,603	736	37,266	78,854	38,860	-	-	4,688	17,196	39,200
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	304	1,770	(71)
Totals	46	5,045	10,125	15,462	1,074	48,628	98,451	48,713	7	35	6,766	24,991	49,087
1964													
Under \$10,000	6	14	28	37	10	102	190	89	3	8	17	48	89
\$ 10,000 to \$ 24,999	5	74	146	181	40	605	925	281	-	-	86	222	281
25,000 " 49,999													
50,000 " 99,999	7	187	380	501	53	1,619	2,644	969	4	26	224	689	1,021
100,000 " 199,999	6	183	369	487	68	2,058	4,389	2,278	-	-	296	1,133	2,286
200,000 " 499,999	8	825	1,772	2,433	170	6,719	12,775	5,906	-	-	1,008	3,626	5,913
500,000 " 999,999	13	3,480	6,825	11,621	714	35,642	76,750	40,571	-	-	4,481	17,190	40,759
1,000,000 " 4,999,999													
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Totals	45	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,419	24,766	50,276

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

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1963													
Under 5 employed	6	25	56	62	30	136	324	158	3	9	28	72	158
5- 14 employed													
15- 49 "	13	260	532	717	83	2,574	4,806	2,168	4	26	344	1,162	2,164
50- 99 "	7	315	663	855	86	3,085	5,849	2,665	-	-	418	1,356	2,758
100-199 "	9	1,003	2,183	3,044	221	8,996	18,356	9,133	-	-	1,286	4,768	9,183
200-499 "	8	1,975	3,950	5,941	375	18,614	36,074	17,102	-	-	2,519	8,851	17,218
500 employed and over	3	1,467	2,740	4,842	278	15,222	33,043	17,486	-	-	1,867	7,013	17,679
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	304	1,770	(71)
Totals	46	5,045	10,125	15,462	1,074	48,628	98,451	48,713	7	35	6,766	24,991	49,087
1964													
Under 5 employed	8	14	28	37	10	102	190	89	3	8	17	48	89
5- 14 employed	3	29	62	68	22	173	302	110	-	-	35	83	110
15- 49 "	11	267	533	755	90	2,734	4,627	1,810	4	28	332	1,145	1,859
50- 99 "	7	323	669	887	105	3,019	6,504	3,390	-	-	466	1,679	3,396
100-199 "	8	930	1,994	2,906	208	7,852	16,348	8,342	-	-	1,191	4,493	8,374
200-499 "	10	3,180	6,235	10,609	621	32,865	69,702	38,353	-	-	4,071	15,460	36,520
500 employed and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Totals	45	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,419	24,766	50,276

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

Type of organization	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			\$'000			\$'000		\$'000			
1963													
Individual ownerships	1	28	60	86	10	240	427	177	7	35	28	87	177
Partnerships	2												
Incorporated companies	43	5,017	10,064	15,376	1,063	48,387	98,024	48,536	...	...	6,434	23,134	48,981
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	304	1,770	(71)
Totals	46	5,045	10,125	15,462	1,074	48,628	98,451	48,713	7	35	6,766	24,991	49,087
1964													
Individual ownerships	1	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,112	22,907	50,349
Partnerships	2												
Incorporated companies	42	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	307	1,859	(73)
Totals	45	4,743	9,520	15,262	1,056	46,745	97,674	50,094	7	34	6,419	24,766	50,276

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

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
\$'000						
Output						
1. Shipments and other revenue	98,451	97,674	3,761	3,623	102,213	101,296
Inventories—Goods of own manufacture:						
Add closing—Goods in process	316	291	...	...	316	291
Finished goods	1,541	1,751	...	...	1,541	1,751
Deduct opening—Goods in process	293	281	...	...	293	281
Finished goods	1,602	1,540	...	...	1,602	1,540
2. Net inventory change	(38)	221	...	...	(38)	221
3. Gross output (1 + 2)	98,413	97,895	3,761	3,623	102,174	101,517
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,907	2,821	2,907	2,821
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	193	243	193	243
Deduct closing .....	...	...	263	128	263	128
5. Cost of goods sold (not of own manufacture) .....	...	...	2,837	2,936	2,837	2,936
6. Materials, supplies, etc.	48,628	46,745	550	504	49,178	47,249
7. Fuel and electricity	1,074	1,056	...	...	1,074	1,056
8. Gross input (5 + 6 + 7)	49,702	47,801	3,387	3,440	53,089	51,241
Value added (3 - 8)	48,713	50,094	374	183	49,087	50,276

TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis-trative and office		Sales and distribution		Total		Production and related workers		Admini-strative and office	Sales and distri-bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
number										\$'000					
1963															
Newfoundland															
Prince Edward Island															
Nova Scotia	124	177	2	-	39	30	34	2	199	209	793	8	287	207	1,295
New Brunswick															
Quebec	1,064	1,245	3	4	221	101	535	27	1,823	1,377	6,807	18	1,946	2,837	11,608
Ontario	721	1,376	1	8	214	101	228	18	1,164	1,503	6,706	30	1,887	1,394	10,018
Manitoba															
Saskatchewan	118	162	-	-	25	8	53	1	196	171	956	-	242	295	1,493
Alberta															
British Columbia	19	39	-	-	9	5	51	1	79	45	199	-	81	297	576
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	2,046	2,999	6	12	508	245	901	49	3,461	3,305	15,462	56	4,443	5,030	24,991
1964															
Newfoundland															
Prince Edward Island	120	163	-	-	24	26	50	2	194	191	819	-	215	315	1,349
Nova Scotia															
New Brunswick															
Quebec	881	1,124	-	5	212	88	452	21	1,545	1,238	6,187	13	1,878	2,542	10,620
Ontario	704	1,386	1	8	222	119	279	16	1,206	1,529	7,002	30	1,962	1,593	10,587
Manitoba															
Saskatchewan	120	176	-	-	27	8	53	1	200	185	1,010	-	250	309	1,569
Alberta															
British Columbia	24	45	-	-	6	4	51	1	81	50	243	-	66	331	640
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,849	2,894	1	13	491	245	865	41	3,226	3,193	15,262	43	4,376	5,090	24,766

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

Month	1963		1964	
	Male	Female	Male	Female
number				
Establishments reporting monthly detail (large establishments only):				
January	2,014	2,796	1,779	2,688
February	2,007	2,873	1,808	2,786
March	2,000	2,988	1,738	2,815
April	2,103	2,942	1,748	2,916
May	2,111	3,088	1,898	2,918
June	2,142	3,264	1,984	3,105
July	2,163	3,131	1,913	3,059
August	2,222	3,309	1,915	3,094
September	2,201	3,351	1,895	3,093
October	1,929	2,980	1,923	3,015
November	1,836	2,702	1,840	2,859
December	1,808	2,536	1,728	2,367
Averages	2,046	2,999	1,849	2,894
Establishments reporting annual averages (small establishments only) ...				
Average for all establishments	2,046	2,999	1,849	2,894

TABLE 10. Inventories¹, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	417	45	131	593	43	636
Prince Edward Island						
Nova Scotia						
New Brunswick						
Quebec	2,032	102	732	2,865	11	2,877
Ontario	1,696	118	880	2,694	189	2,883
Manitoba	301	17	21	340	-	340
Saskatchewan						
Alberta						
British Columbia	73	-	68	140	-	140
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	4,519	281	1,832	6,632	243	6,875
Closing:						
Newfoundland	381	40	169	590	32	621
Prince Edward Island						
Nova Scotia						
New Brunswick						
Quebec	1,933	121	801	2,855	15	2,870
Ontario	1,954	107	1,370	3,431	82	3,513
Manitoba	323	23	33	378	-	378
Saskatchewan						
Alberta						
British Columbia	72	-	72	144	-	144
Yukon and Northwest Territories	-	-	-	-	-	-
Totals	4,662	291	2,445	7,398	128	7,527

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	30	10	--
(b) Imported	"	123	--	--
Sub-bituminous coal (from Alberta mines only)	"	--	--	--
Anthracite coal	"	747	560	13
Lignite coal	"	3,774	3,201	17
Coke	"	--	--	--
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	407,390	384,094	138
Fuel oil including kerosene or coal oil	"	1,499,065	1,290,838	127
Wood	cord	--	--	--
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	63,393	100,920	24
(b) Other manufactured gas	M cu. ft.	--	--	--
(c) Natural gas	"	499,718	490,470	365
Other fuel .....	...	--	--	--
Electricity purchased	kwh.	26,763,826	26,802,226	278
Steam purchased .....	...	--	--	--
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	93	...	93
3. All establishments:				
Total fuel and electricity used .....	...	1,074	...	1,056

¹ The difference between figures in this table and those in Table 7 arises from firms reporting output of products on the basis of production rather than 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, 1963 and 1964

Description	1963		1964	
	Quantity	Cost \$'000	Quantity	Cost \$'000
1. Materials used:				
Baking powder..... lb.	75,429	11	103,922	12
Bicarbonate of ammonia..... "	441,245	37	427,733	37
Butter..... "	584,446	304	577,263	302
Cacao beans..... "	355,239	88	468,506	120
Carbonate of ammonia..... "	9,752	2	10,097	2
Cheese..... "	646,568	335	390,903	162
Chocolate, dark..... "	3,677,486	1,309	2,541,109	886
Chocolate, light..... "	1,441,961	538	1,641,876	632
Cocoa powder..... "	2,314,774	392	2,124,509	424
Cocoa and chocolate preparations n.o.p..... "	58,821	26	156,637	68
Cocoa butter..... "	231,404	142	321,808	196
Cocoa butter substitute..... "	1,421,559	293	1,628,036	351
Coconut, shredded..... "	3,059,326	633	3,020,149	621
Cooking oils:				
(a) Corn..... "	3,050	1	21,489	5
(b) Coconut..... "	6,338,282	1,068	5,521,191	970
(c) Cottonseed..... "	11,370	3	-	-
(d) Other cooking..... "	1,618,125	285	3,605,740	622
(e) Soya bean..... "	-	-	-	-
Cream, powdered..... lb.	46	-	-	-
Cream of tartar and substitutes..... "	40,223	10	40,719	10
Eggs, in shell..... doz.	6,484	3	7,188	3
Eggs, liquid, not frozen..... lb.	65,500	19	-	-
Eggs, frozen..... "	949,945	308	366,858	109
Egg powder..... "	107,109	148	116,294	156
Extracts, essences, etc..... "	...	463	...	391
Flour:				
(a) Hard wheat (bread flour)..... cwt.	279,541	1,360	224,556	1,092
(b) Soft wheat (cake flour)..... "	1,293,998	6,149	1,352,739	6,738
(c) Soya..... lb.	182,012	22	200,386	24
Fruits:				
(a) Dried fruits, all kinds..... "	3,582,823	550	3,105,046	524
(b) Fresh..... "	1,202,307	58	1,271,923	73
(c) Jams, jellies and marmalades..... "	1,302,781	202	1,092,486	174
(d) Preserved and canned, other..... "	710,841	94	369,959	40
Gelatine..... "	222,961	154	223,860	157
Glucose..... "	7,626,672	586	7,024,258	580
Honey..... "	334,862	53	365,084	65
Lard..... "	11,153,464	1,369	10,152,611	1,363
Lecithin..... "	184,462	32	173,155	29
Malt flour..... "	270,757	26	330,116	32
Malt extract and syrups..... "	422,876	53	313,912	44
Margarine..... "	227,945	44	44,362	9
Milk, condensed and evaporated..... "	312,893	48	346,847	51
Milk, fresh including skim..... "	-	-	-	-
Milk, powdered..... lb.	2,212,590	258	1,840,476	246
Molasses..... "	1,931,611	160	1,579,542	137
Nuts:				
(a) Walnuts, almonds, pecans, etc., shelled and unshelled..... "	374,646	230	122,007	92
(b) Peanuts, green and roasted..... "	1,505,536	259	312,905	64
Salt..... "	2,766,549	48	2,702,269	45
Shortening..... "	23,130,087	3,694	21,159,261	3,548
Sodium bicarbonate..... "	1,264,391	54	1,265,937	52
Spices..... "	79,572	40	85,098	51
Starch:				
(a) Corn..... "	1,086,263	90	982,413	83
(b) Potato..... "	68,062	10	73,800	11
(c) Moulding..... "	1,000	-	-	-
Sugar:				
(a) Cane and beet..... "	63,480,177	7,780	63,082,136	7,207
(b) Corn and dextrose..... "	123,730	13	105,870	11
(c) Invert..... "	4,279,605	436	4,714,687	421
Syrups..... "	439,709	46	413,388	53
Yeast..... "	67,814	12	97,897	19
All other materials and components used ¹.....	...	3,025	...	2,934
2. Containers and other packaging and materials used:				
(a) Waxed wrappers.....	...	1,102	...	1,161
(b) Cartons and shipping containers.....	...	4,337	...	4,347
(c) Cardboard cake and candy boxes.....	...	2,261	...	1,897
(d) Cellulose film.....	...	3,292	...	2,778
(e) Other coverings and containers.....	...	2,977	...	3,225
3. Operating, maintenance and repair supplies used (excluding fuel).....				
.....	...	1,179	...	1,160
4. Amount paid out to others for work done on materials owned by establishments.....				
.....	...	109	...	126
Totals.....	...	48,628	...	46,745

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,796,030 in 1963 and \$1,885,141 in 1964.

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

Description	1963		1964	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Biscuits, plain and fancy	lb. 227,907,755	73,449	237,375,427	78,494
Ice cream cones	M 443,663	2,663	455,377	2,787
All other products .....	...	23,544	...	17,355
2. Amount received in payment for work done on materials and products owned by others ...	...	2	...	-
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity item described above .....	...	(1,206)	...	(962)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	98,451	...	97,674

TABLE 14. Shipments of Selected Goods of Own Manufacture - All Industries, 1951 to 1964
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

	Biscuit industry		Other industries		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
	lb.	\$'000	lb.	\$'000	lb.	\$'000
Biscuits, plain and fancy:						
1951	170,873,688	54,284	1,673,375	503	172,547,063	54,787
1952	183,169,072	58,788	898,472	257	184,067,544	59,045
1953	191,600,407	59,090	1,602,305	498	193,202,712	59,588
1954	188,842,663	54,666	1,398,834	383	190,241,497	55,049
1955	189,926,831	54,342	2,282,007	541	192,208,838	54,883
1956	204,354,383	59,828	2,021,554	420	206,375,937	60,248
1957	196,076,422	60,746	1,601,335	349	197,677,757	61,095
1958	199,619,451	62,824	1,356,300	226	200,975,751	63,049
1959	206,069,019	63,390	259,000	79	206,328,019	63,469
1960	211,635,725	65,068	458,200	110	212,093,925	65,178
1961	217,680,808	65,118	2,371,162	677	220,051,970	65,795
1962 ^P	221,204,449	68,003	1,292,000	315	222,496,449	68,318
1963 ^P	227,907,755	73,449	5,601,758	2,268	233,509,513 ¹	75,717 ¹
1964 ^P	237,375,427	78,494	3,935,337	2,130	241,310,764 ¹	80,624 ¹
Biscuits, soda:						
1951	49,838,582	12,733	18,000	6	49,856,582	12,739
1952	45,844,792	11,503	-	-	45,844,792	11,503
1953	46,237,875	10,837	-	-	46,237,875	10,837
1954	46,661,043	11,021	-	-	46,661,043	11,021
1955	45,385,838	11,710	-	-	45,385,838	11,710
1956	46,547,047	11,354	72,000	19	46,619,047	11,373
1957	44,912,114	11,403	46,000	12	44,958,114	11,415
1958	2	2	2	2	44,869,871	11,400
1959	45,811,908	11,786	-	-	45,811,908	11,786
1960	47,110,052	12,475	-	-	47,110,052	12,475
1961	2	2	2	2	48,699,378	13,048
1962 ^P	2	2	2	2	52,728,553	14,273
1963 ^P	2	2	2	2	52,665,495	14,629
1964 ^P	2	2	2	2	54,558,993	15,604
Ice cream cones:	thousands of cones		thousands of cones		thousands of cones	
1951	346,433	1,460	35,579	141	382,012	1,601
1952	388,316	1,570	7,696	15	396,012	1,585
1953	395,659	1,778	1,287	3	396,946	1,780
1954	376,427	1,756	999	2	377,426	1,758
1955	400,558	1,830	1,023	2	401,581	1,833
1956	386,810	1,581	2,175	5	388,985	1,586
1957	349,442	1,768	3,238	7	352,680	1,776
1958	2	2	2	2	351,023	1,837
1959	383,403	2,139	-	-	383,403	2,139
1960	356,378	2,149	-	-	356,378	2,149
1961	388,157	2,272	-	-	388,157	2,272
1962 ^P	395,896	2,300	-	-	395,896	2,300
1963 ^P	443,663	2,663	2	4	444,291	2,666
1964 ^P	2	2	2	2	453,397	2,896

¹ Includes dietary biscuits for the first time. Not included in previous years.
² Confidential; see total column.

List of Establishments classified to This Industry, 1964

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

Name	Location
Newfoundland:	
Purity Factories Limited	Blackmarsh Rd., St. John's
Nova Scotia:	
G.J. Hamilton & Sons, Limited	Commercial St., Pictou
New Brunswick:	
Marven's Limited	81 King St., Moncton
Brown-Holder Biscuits Limited	Botsford St., Moncton
Veribest Products Ltd.	Tannery St., Moncton
Quebec:	
Aux Petits Fours Inc.	11,400 Ste Catherine St. E., Montréal E.
Biscuits Montmagny Inc.	44, rue Frontenac, Montmagny
Biscuiterie Duo Co.	17-7e Avenue, Lachine
Charbonneau Limitée	1800, rue Nicolet, Montréal
Christie Brown and Company Limited	3055 Viau St., Montréal
David and Frère, Limitée	5200 Hochelaga St., Montréal
Frs. Leclerc, Ltée	85, rue St-Vallier-est, Québec
Harnois, Ernest et Fils, Limitée	285, rue St-Charles-Borromée-nord, Joliette
Les Biscuits Dion Inc.	700-2e Rue, Québec
Les Biscuits Grand'mère	11 boul. Labelle, Ste-Thérèse
Lido Biscuit Cie Ltée	845, rue St-Charles, St-Lambert
Opera Biscuits Ltée	Ste-Émilie de l'Énergie
Venezia Biscuit Co.	1513, rue Fleury-est, Montréal
Viau Limitée	4945 est. rue Ontario, Montréal
Weston, George, Limited	1100 Marie-Victorin Blvd., Jacques-Cartier
Ontario:	
Christie Brown and Company Limited	2150 Lakeshore Blvd., Toronto
Dad's Cookie Company (Ontario) Ltd.	940 Pape Avenue, Toronto
Dare Foods Limited	2481 King St. E., Kitchener
Hollandia Bakeries Ltd.	Adelaide St., Mount Brydges
Kambly (of Switzerland) Canada Ltd.	134 Peter St., Toronto
Manning Biscuit Co. of Canada Ltd.	45 Torbarrie Rd., Downsview
McCormick's Limited	1156 Dundas St. E., London
McCormick's Limited	92 Dundas St., London
Mother Dell's Bakeries Ltd.	123 Wendell Ave., Weston
Peek Frean (Canada) Ltd.	1200 O'Connor Drive, Toronto
Primo Biscuits Co.	56 Huxley Rd., Weston
Robinson Cone Company	145 McNab St. N., Hamilton
Voortman, W. & H. Ltd.	1141 King Rd., Burlington
Walker Bakeries Limited, The	40 Church St., Brockville
Windsor Wafers Limited	101 Broadway St., Hamilton
Manitoba:	
Christie Brown & Company Limited	1155 Notre Dame Ave., Winnipeg
Cookieiland Ltd.	491 Madison St., St. James
Luxury Cone Company	197 Osborne St., Winnipeg
Pauline Chambers Co. Ltd.	311 Ross Ave., Winnipeg
Saskatchewan:	
Dad's Cookies (Sask) Ltd.	1242 Albert St., Regina
Alberta:	
Dad's Cookies Ltd.	1317 Ninth Ave. S.E., Calgary
Sunland Industries Co. Ltd.	9543-110th Ave., Edmonton
British Columbia:	
Bader's Dutch Bakeries Ltd.	3473 Commercial Drive, Vancouver
Dad's Cookies Co., (B.C.) Limited	1751 Boundary Road, Vancouver
Dare Food Ltd. (Western Division)	12,091-88th Ave., North Surrey

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

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

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

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

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

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

Establishment

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

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

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

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

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

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

Head Offices and Auxiliary Units

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

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

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

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

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

Employees

(a) Production and related workers – Manufacturing activities

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

(b) Production and related workers – Non-manufacturing activities

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

(c) Administrative and office employees

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

(d) Sales and distribution workers

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

(e) Total Employees

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

Working Owners or Partners

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

Salaries and Wages

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

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

Fuel and Electricity

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

Materials and Supplies

(a) Manufacturing activities

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

(b) Non-manufacturing activities

1. Purchases for re-sale as such

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

2. Other materials and supplies used

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

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

Shipments

(a) General

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

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

(b) Shipments of goods of own manufacture

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

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

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

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

(c) Shipments of goods not of own manufacture

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

(d) Other revenue

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

Inventories

(a) Manufacturing activities

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

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

(b) Non-manufacturing activities

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

Value Added

(a) By manufacturing activities

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

(b) By non-manufacturing activities

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

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

(c) By Total activities

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

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