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POULTRY PROCESSORS

1964

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

This publication is the fourth Annual Census of Manufactures report on Poultry Processors. In 1957 the 10th Federal-Provincial conference on Agricultural Statistics noted the marked changes occurring to the industry. Of special significance was the organizational adjustments of poultry farm units and the systems effected for processing and marketing. In addition, many organizations were requesting industry data which could not be provided from records then available to the Bureau or to the Department of Agriculture. In 1958 the Bureau initiated a partial survey which formed the basis for the more comprehensive report form used in the 1960 survey. Commencing 1960 the coverage of the survey includes registered and unregistered plants.

SYMBOLS

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

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- ▮ preliminary figures.
- ʹ revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics, 1961-64

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	205	4,553	8,969	9,896	1,245	114,688	137,201	22,128	84	347	5,379	13,270	25,035
1962													
Totals	181	4,277	8,818	10,416	1,368	128,618	153,212	23,522	85	351	5,014	13,548	25,714
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	3	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia	6	142	318	312	52	4,056	4,626	582	x	x	162	383	790
New Brunswick	6	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	33	1,339	3,008	3,370	369	49,077	56,225	6,990	13	62	1,566	4,305	7,858
Ontario	60	1,535	3,225	3,851	566	50,221	59,681	8,947	34	170	1,760	5,041	9,177
Manitoba	10	203	430	530	63	4,689	6,030	1,293	x	x	253	725	1,925
Saskatchewan	12	217	446	546	76	5,036	6,126	1,025	x	x	260	747	1,130
Alberta	10	450	870	1,098	144	9,215	11,417	2,201	—	—	551	1,475	2,756
British Columbia	23	406	814	1,169	130	13,080	15,672	2,798	13	39	491	1,547	3,055
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	163	4,377	9,290	11,036	1,425	136,823	161,617	24,203	74	306	5,140	14,421	27,068
1964													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	3	x	x	x	x	x	x	x	x	x	x	x	x
Nova Scotia	7	143	323	330	55	4,410	5,035	579	3	6	159	403	741
New Brunswick	7	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	35	1,509	3,441	3,872	418	51,078	59,787	8,385	13	58	1,744	5,013	8,969
Ontario	59	1,558	3,308	4,452	604	56,083	66,485	9,967	28	152	1,806	5,750	10,472
Manitoba	10	239	528	659	70	5,718	7,014	1,348	3	9	282	842	1,490
Saskatchewan	12	214	428	545	72	5,207	6,394	1,099	x	x	259	749	1,193
Alberta	9	525	1,058	1,418	149	9,882	12,331	2,273	—	—	623	1,842	2,955
British Columbia	21	446	863	1,354	136	11,910	14,706	2,741	11	39	544	1,799	2,860
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	163	4,732	10,149	12,813	1,525	145,689	173,675	26,868	67	285	5,528	16,634	29,207

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1963													
Under \$10,000	6	2	6	7	1	16	39	22	5	8	2	7	25
\$ 10,000 to \$ 24,999	10	12	25	27	4	89	174	79	9	21	13	29	88
25,000 " 49,999	15	27	56	68	15	348	554	193	9	27	33	89	301
50,000 " 99,999	24	105	224	254	32	1,161	1,721	552	20	68	117	299	677
100,000 " 199,999	14	99	199	210	38	1,320	1,909	595	4	19	123	295	607
200,000 " 499,999	29	404	835	939	161	6,680	8,939	2,017	17	69	481	1,202	2,124
500,000 " 999,999	21	573	1,172	1,330	195	12,705	15,271	2,582	5	18	693	1,874	2,987
1,000,000 " 4,999,999	37	2,197	4,553	5,502	722	74,658	87,822	12,811	5	75	2,579	7,339	14,508
5,000,000 and over	7	958	2,221	2,698	258	39,845	45,188	5,352	—	—	1,099	3,289	5,751
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,377	9,290	11,036	1,425	136,823	161,617	24,203	74	306	5,140	14,421	27,068
1964													
Under \$10,000	6	1	2	2	1	15	28	12	6	6	1	2	12
\$ 10,000 to \$ 24,999	16	19	41	46	6	153	279	118	13	31	23	57	148
25,000 " 49,999	10	23	45	52	10	225	366	119	5	13	28	74	189
50,000 " 99,999	21	72	159	172	25	961	1,357	380	20	66	82	206	494
100,000 " 199,999	19	134	283	333	63	1,925	2,738	774	3	14	161	434	817
200,000 " 499,999	23	368	760	900	130	6,206	8,127	1,739	14	71	426	1,140	1,778
500,000 " 999,999	20	581	1,202	1,387	216	11,246	14,566	3,097	1	9	692	1,962	3,522
1,000,000 " 4,999,999	42	2,631	5,605	7,246	810	87,805	103,768	15,531	5	76	3,062	9,439	16,873
5,000,000 and over	6	903	2,053	2,676	264	37,155	42,445	5,097	—	—	1,053	3,320	5,374
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,732	10,149	12,813	1,525	145,689	173,675	26,868	67	285	5,528	16,634	29,207

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1963													
Under \$10,000	20	22	46	55	14	322	457	116	14	33	26	67	195
\$ 10,000 to \$ 24,999	29	86	179	196	38	1,497	2,011	484	22	72	106	253	552
25,000 " 49,999	25	167	345	396	63	3,202	4,123	827	19	61	195	495	906
50,000 " 99,999	24	326	667	761	116	6,810	8,622	1,714	13	59	382	984	1,866
100,000 " 199,999	28	876	1,806	2,079	329	21,784	25,936	4,036	1	5	1,072	2,966	4,869
200,000 " 499,999	26	1,590	3,249	3,918	471	50,615	59,399	8,593	5	75	1,860	5,225	9,903
500,000 " 999,999	11	1,310	2,998	3,631	394	52,593	61,069	8,434	—	—	1,499	4,431	8,777
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,377	9,290	11,036	1,425	136,823	161,617	24,203	74	306	5,140	14,421	27,068
1964													
Under \$10,000	25	25	53	62	14	358	525	144	19	40	31	86	179
\$ 10,000 to \$ 24,999	28	87	188	205	37	1,615	2,095	454	21	63	106	268	598
25,000 " 49,999	23	204	415	461	76	4,851	5,705	843	14	56	234	571	1,109
50,000 " 99,999	17	226	472	580	76	4,132	5,472	1,200	7	40	264	747	1,249
100,000 " 199,999	27	844	1,766	2,058	333	16,622	21,133	4,105	1	9	977	2,749	4,686
200,000 " 499,999	28	1,501	3,163	4,021	460	50,347	59,490	8,740	5	76	1,792	5,558	9,659
500,000 " 999,999	15	1,845	4,093	5,426	528	67,764	79,254	11,382	—	—	2,124	6,655	11,728
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,732	10,149	12,813	1,525	145,689	173,675	26,868	67	285	5,528	16,634	29,207

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	14	10	21	24	5	155	229	66	11	21	11	27	73
\$ 10,000 to \$ 24,999	32	92	191	206	44	1,737	2,296	525	24	79	108	249	553
25,000 " 49,999	26	162	333	389	64	3,069	3,930	758	20	66	195	501	897
50,000 " 99,999	24	296	612	703	109	6,040	7,807	1,643	11	53	350	925	1,730
100,000 " 199,999	25	713	1,467	1,703	241	16,595	20,055	3,496	3	12	865	2,381	3,748
200,000 " 499,999	28	1,568	3,208	3,760	513	50,354	58,866	8,092	5	75	1,805	4,951	9,119
500,000 " 999,999	14	1,536	3,457	4,251	450	58,873	68,433	9,623	—	—	1,806	5,387	10,947
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,377	9,290	11,036	1,425	136,823	161,617	24,203	74	306	5,140	14,421	27,068
1964													
Under \$10,000	22	19	41	48	11	313	447	125	18	38	22	58	130
\$ 10,000 to \$ 24,999	23	60	127	139	24	1,203	1,566	352	17	50	68	171	378
25,000 " 49,999	27	149	318	359	71	2,910	3,770	792	18	64	184	480	968
50,000 " 99,999	19	247	506	612	79	4,102	5,495	1,238	8	47	286	781	1,329
100,000 " 199,999	20	526	1,109	1,323	201	11,541	14,573	2,773	1	9	608	1,707	2,848
200,000 " 499,999	35	1,690	3,548	4,342	543	51,772	61,627	9,270	5	76	1,978	5,914	10,304
500,000 " 999,999	14	1,598	3,536	4,647	487	54,974	64,565	9,419	—	—	1,802	5,588	9,826
1,000,000 " 4,999,999	3	443	965	1,343	110	18,875	21,631	2,899	—	—	580	1,935	3,425
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,732	10,149	12,813	1,525	145,689	173,675	26,868	67	285	5,528	16,634	29,207

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	42	61	129	150	33	1,273	1,808	508	35	100	68	173	616
5 - 14 employed	39	253	537	642	102	4,435	5,949	1,395	23	82	306	820	1,542
15 - 49 "	48	1,186	2,454	2,875	436	33,525	40,726	7,098	16	123	1,432	4,010	7,972
50 - 99 "	20	1,133	2,354	2,859	351	35,673	41,803	5,936	—	—	1,313	3,700	6,825
100-199 "	14	1,744	3,816	4,511	504	61,917	71,330	9,266	—	—	2,021	5,718	10,111
200-499 "	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,377	9,290	11,036	1,425	136,823	161,617	24,203	74	306	5,140	14,421	27,068
1964													
Under 5 employed	46	69	147	170	37	1,400	1,969	523	38	102	80	213	640
5 - 14 employed	37	248	539	658	99	4,780	6,360	1,487	20	80	300	854	1,620
15 - 49 "	37	916	1,917	2,393	340	24,493	30,317	5,388	9	103	1,109	3,381	5,716
50 - 99 "	28	1,613	3,318	4,097	498	49,670	58,593	8,400	—	—	1,832	5,302	9,266
100-199 "	15	1,886	4,229	5,494	550	65,346	76,436	11,071	—	—	2,207	6,884	11,965
200-499 "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,732	10,149	12,813	1,525	145,689	173,675	26,868	67	285	5,528	16,634	29,207

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

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1963													
Individual ownerships	37	140	293	329	63	2,732	3,575	806	37	123	143	335	862
Partnerships	17	138	299	432	59	5,380	6,617	1,145	37	183	174	572	1,242
Incorporated companies	90	3,063	6,405	7,559	1,008	99,604	117,646	17,757	...	...	3,605	10,177	18,862
Co-operatives	19	1,036	2,292	2,716	296	29,107	33,780	4,495	...	...	1,218	3,337	6,101
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,377	9,290	11,036	1,425	136,823	161,617	24,203	74	306	5,140	14,421	27,068
1964													
Individual ownerships	33	140	288	328	57	2,620	3,432	770	33	118	143	338	800
Partnerships	17	112	250	375	52	4,268	5,325	948	34	167	138	487	1,025
Incorporated companies	92	3,313	6,951	8,954	1,108	111,363	131,975	20,005	...	...	3,899	11,966	21,052
Co-operatives	21	1,167	2,660	3,155	308	27,438	32,944	5,144	...	...	1,348	3,843	6,330
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	163	4,732	10,149	12,813	1,525	145,689	173,675	26,868	67	285	5,528	16,634	29,207

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	161,617	173,675	18,476	21,517	180,093	195,192
Inventories—Goods of own manufacture:						
Add closing—Goods in process	429	618	...	...	429	618
Finished goods	6,163	6,973	...	...	6,163	6,973
Deduct opening—Goods in process	377	471	...	...	377	471
Finished goods	5,381	6,714	...	...	5,381	6,714
2. Net inventory change	834	406	...	...	834	406
3. Gross output (1 + 2)	162,451	174,081	18,476	21,517	180,927	195,598
Input						
4. Purchases of goods not of own manufacture .....	...	...	15,360	18,935	15,360	18,935
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	764	421	764	421
Deduct closing .....	...	...	767	492	767	492
5. Cost of goods sold (not of own manufacture) .....	...	...	15,357	18,864	15,357	18,864
6. Materials, supplies, etc.	136,823	145,689	255	314	137,078	146,003
7. Fuel and electricity	1,425	1,525	...	...	1,425	1,525
8. Gross input (5 + 6 + 7)	138,248	147,214	15,612	19,178	153,860	166,392
Value added (3 - 8)	24,203	26,868	2,864	2,339	27,068	29,207

TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distrib- ution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						Manufacturing	Other
	number										\$'000				
1963															
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Nova Scotia	94	48	3	—	9	7	1	—	107	55	312	10	56	4	383
New Brunswick	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Quebec	840	499	6	—	88	51	78	4	1,012	554	3,370	23	610	301	4,305
Ontario	884	651	2	—	100	61	57	5	1,043	717	3,851	6	889	295	5,041
Manitoba	96	107	—	—	27	11	7	5	130	123	530	—	154	41	725
Saskatchewan	109	108	—	—	30	8	2	3	141	119	546	—	177	24	747
Alberta	181	269	24	14	34	28	1	—	240	311	1,098	109	262	5	1,475
British Columbia	139	267	—	—	29	17	39	—	207	284	1,169	—	208	170	1,547
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,377	2,000	35	14	323	187	186	18	2,921	2,219	11,036	148	2,392	846	14,421
1964															
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Nova Scotia	100	43	—	—	10	3	3	—	113	46	330	—	61	12	403
New Brunswick	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Quebec	964	545	6	—	97	52	76	4	1,143	601	3,872	25	761	354	5,013
Ontario	849	709	1	—	120	59	65	3	1,035	771	4,452	5	1,016	277	5,750
Manitoba	121	118	—	—	23	12	5	3	149	133	659	—	152	31	842
Saskatchewan	103	111	5	—	26	13	1	—	135	124	545	16	180	8	749
Alberta	194	331	27	13	32	24	2	—	255	368	1,418	122	293	9	1,842
British Columbia	155	291	—	—	34	23	41	—	230	314	1,354	—	239	206	1,799
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	2,524	2,208	39	13	349	190	194	11	3,106	2,422	12,813	168	2,748	906	16,634

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	2,036	1,725	2,276	1,959
February	1,979	1,605	2,226	1,935
March	1,998	1,682	2,253	2,027
April	2,016	1,656	2,210	1,997
May	2,097	1,873	2,265	2,088
June	2,209	1,994	2,365	2,148
July	2,329	2,070	2,448	2,196
August	2,461	2,176	2,594	2,289
September	2,556	2,140	2,718	2,357
October	2,758	2,294	2,841	2,361
November	2,694	2,273	2,793	2,398
December	2,408	1,870	2,519	2,068
Averages	2,297	1,945	2,452	2,154
Establishments reporting annual averages (small establishments only)	80	55	72	54
Average for all establishments	2,377	2,000	2,524	2,208

TABLE 10. Inventories, 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	x	—	x	x	—	x
Nova Scotia	101	187	121	409	—	409
New Brunswick	x	—	x	x	—	x
Quebec	1,096	206	1,747	3,049	46	3,095
Ontario	412	41	1,713	2,166	206	2,372
Manitoba	188	22	422	632	27	659
Saskatchewan	119	—	399	518	3	521
Alberta	446	8	1,071	1,525	62	1,587
British Columbia	175	6	1,071	1,252	77	1,330
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	2,643	471	6,714	9,828	421	10,249
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	x	—	x	x	—	x
Nova Scotia	37	197	120	354	2	355
New Brunswick	x	—	x	x	—	x
Quebec	1,126	334	1,715	3,174	82	3,256
Ontario	438	41	1,882	2,362	289	2,651
Manitoba	206	22	543	772	14	786
Saskatchewan	107	10	372	489	4	493
Alberta	659	7	1,045	1,711	61	1,773
British Columbia	171	7	1,151	1,329	41	1,369
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	2,835	618	6,973	10,427	492	10,920

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	305	292	5
(b) Imported	"	967	686	11
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	181	—	—
Lignite coal	"	968	302	2
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	852,283	908,065	321
Fuel oil including kerosene or coal oil	"	1,962,493	1,764,182	260
Wood	cord	170	600	5
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	165,719	99,436	28
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	253,974	358,579	168
Other fuel .....	...	—	...	—
Electricity purchased	kwh.	37,128,824	44,073,598	682
Steam purchased .....	...	—	...	—
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	47	...	44
3. All establishments:				
Total fuel and electricity used .....	...	1,425	...	1,525

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Chickens 4 lbs. and under:				
Live	324,202,932	67,004	368,393,973	70,309
Dressed	19,127,249	5,286	20,122,729	4,968
Chickens over 4 lbs.:				
Live	29,680,580	7,540	40,287,188	9,691
Dressed	5,815,453	1,639	3,139,933	924
Fowl:				
Live	36,119,187	5,664	35,404,827	4,881
Dressed	4,932,276	1,104	6,178,602	1,135
Turkey:				
Live	101,494,620	26,306	129,221,589	33,033
Dressed	25,094,183	7,811	22,942,639	6,807
All other—Geese, ducks, etc.:				
Live	4,340,634	962	3,948,296	716
Dressed	1,128,107	422	1,210,754	386
Meats other than poultry:				
Beef	200,099	57	172,829	55
Pork	269,464	74	951,531	240
Other	252,128	94	80,627	26
Cheese	3,336	3	1,370	1
Flour and meal	13,723,156	603	13,761	1
Milk powder				
Agar	14,217	35	16,495	37
Gelatine	8,750	4	8,780	5
Salt	202,761	4	225,979	4
Spices	208,868	83	66,340	38
All other materials and components used ¹ .....	...	2,740	...	2,307
2. Containers and other packaging materials and supplies used .....	...	6,834	...	7,456
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	2,376	...	2,132
4. Amount paid out to others for work done on materials owned by establishments .....	...	176	...	546
Totals .....	...	136,823	...	145,700

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,053,650 in 1963 and \$1,448,271 in 1964.

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

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Chickens 3½ lbs. and under, fresh and frozen:				
Dressed	48,506,690	14,072	56,438,718	16,317
Eviscerated	206,338,349	73,514	243,521,447	77,622
Chickens over 3½ lbs., fresh and frozen:				
Dressed	7,574,130	2,580	8,020,264	2,572
Eviscerated	23,662,115	9,258	28,543,630	10,941
Fowl, fresh and frozen:				
Dressed	7,663,749	1,935	10,965,056	2,536
Eviscerated	21,575,648	6,597	20,727,806	5,806
Turkey, fresh and frozen:				
Dressed	6,462,392	2,297	11,182,375	4,112
Eviscerated	104,851,038	41,319	114,637,037	45,089
All other poultry: geese, ducks, etc., fresh and frozen:				
Dressed	463,713	185	843,572	351
Eviscerated	5,226,742	2,328	3,445,934	1,535
Total poultry	434,524,566	154,085	498,325,839	166,883
Meats other than poultry:				
Beef	280,502	163	177,472	104
Pork	194,684	84	157,783	61
Other				
Canned products:				
Poultry	1,755,024 ¹	1,331 ¹	1,125,612	1,236
Ready to serve	3,694,482 ¹	2,665 ¹	2,798,010	2,498
Meat and poultry paste				
Gravy (hot chicken sauce)	2,661,924	385	2,622,705	397
All other products and by-products:				
Turkey rolls .....	..	24	..	40
Viscera	26,058,205	537	18,543,576	421
Feathers .....	..	81	..	215
All other products .....	...	1,754	...	1,640
2. Amount received in payment for work done on materials and products owned by others .....	...	1,576	...	1,305
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(1,068)	...	(1,127)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	161,617	...	173,675

¹ Confidential, included in "All other products".

TABLE 14. Shipments of Selected Goods of Own Manufacture - All Industries, 1963 and 1964
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	1963 ^p		1964 ^p	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
Poultry - Fresh and frozen, all kinds	492,881,163	178,758	563,896,880	193,395
Canned products:				
Poultry	2,139,576 ^r	1,567 ^r	2,563,067	1,791
Ready to serve	40,150,615 ^r	12,416 ^r	43,120,088	13,120
Meat and poultry paste	7,333,033	3,933	7,307,488	3,926

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
Prince Edward Island:	
Fraser, T.H.	Murray Harbour
Jenkins Bros. Ltd.	34 Noonan St., Summerside
Waddell Bros.	Crapaud
Nova Scotia:	
A.C.A. Co-op Association Ltd.	New Minas
Antigonish Poultry Ltd.	R.R. 4, Antigonish Landing, Antigonish
Canard Poultry Ltd.	Upper Canard
Elm Avenue Farm Ltd.	P.O. Box 130, Elmsdale
Hale, Clayton	Cambridge Stn.
Quality Poultry Ltd.	Lilydale
Valley Field Farm	Middle Sackville
New Brunswick:	
Capital Co-operative Ltd.	Barker St., Fredericton
D.F.P. Limited	65 Robinson St., Moncton
Herbert, L.J.	RR1, Hartland
Kimball's Poultry Farm	Hartland
Searle's Poultry Farm	Centre Nappan
Sussex Poultry Ltd.	Garrison Grounds, Sussex
Taymouth Turkey Farm	Taymouth
Québec:	
A la Canadienne Ltée	Weedon
Abattoir Berthier Inc.	Berthierville
Abattoir des Pères Trappistes	La Trappe, Oka
Abattoir St-Hilaire Ltée	St-Hilaire
Abattoir St-Hilaire Ltée	9075-64 Ave., Rivière des Prairies
Benny & Frères Ltée	St-Félix-de-Valois
Brodeur, Armand	St-Pie
Brome Lake Ducks Ltd.	P.O. Box 120, Knowlton
Canada Packers Ltd.	562, rue Champlain, Joliette
Comptoir Avicole des Aulnaies	St-Roch-des-Aulnaies
Co-opérative Avicole Mariville	300, ave. Dupont, Mariville
Co-opérative Fédérée de Québec - Abattoir Avicole, Victoriaville	Ave. Pie X, Victoriaville
Flamingo Farms Ltée	Berthierville
La Cie Esta Ltée	St-Geneviève-de-Batiscan
La Co-op de Dorchester	St-Anselme
La Corporation d'Aliments Buffet Ltd.	195, rue de Port Royal, W. Montréal
La Ferme de Poulette Grise Inc.	La Malbaie
La Compagnie Québec Poultry Ltée	181 rue Principale, St. Jean Baptiste
Le Comptoir Avicole de St. Felix de Valois	St. Felix de Valois
Les Produits Benjamin Enrg.	551, rue Chambly, Mariville
Les Produits Dino Enrg.	153, rue Beauchesne, Arthabaska
Les Produits G.M. Co. Inc.	St. Stanislas
Lauzon, T. Inc.	140 Atwater Market, Montreal
Laurentian Poultry Inc.	St-Gophie
Legrade Inc.	Avenue Pie X, Victoriaville
Leibovitch, Sam	116 Roy St., E., Montreal 18
Produits Avicoles Roberval Ltée.	Roberval
Produits Roberto Inc.	St. Damase
Ormstown Poultry	R.R. 2, Ormstown
St. Lawrence Poultry	5245 St. Lawrence Blvd., Montreal
Sam's Poultry Market	60 Roy St. E., Montreal
Société Co-op. Avicole Régionale	St-Damase
Sunny Brook Farm	Box 210 Ste-Adèle-en-Bas
Tucker, S. & Son	4202 St. Dominique, Montreal
Turcotte, Jean-Paul	Ste-Brigitte-des-Saults
Vincent, Trefflé Ltée	St-Félix-de-Valois

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Ontario:	
Appleton, W.S.	Maple Grove Ave., Oak Ridge
Arthur Packers Ltd. The	Arthur
Baker, Amos (Mrs.)	RR 10, Picton
Barker's Poultry	Essex
Bell City Poultry Ltd.	Box 3, Johnson Rd., Brantford
Brampton Poultry (Quaker Oats Co. of Canada Ltd.)	32 Kennedy Rd. S., Brampton
Canada Packers Ltd.	Shelburne
Canada Packers Ltd.	34 Durham St., Walkerton
Chalet Farms Ltd.	Port Perry
Choice Cut-Up Chicken (1958) Ltd.	Old Yonge St., Aurora
Cold Springs Farm Ltd.	Brock St., Thamesford
Cook, Ward & Son	RR 1, Schomberg
Copper Kettle Canning Co. Ltd.	Coldwater
Dresden Produce Ltd.	St. John St., Dresden
Dublin Creamery & Poultry Packers	Dublin
Dundas Producers Ltd.	RR 1, Dundas
Dupont, Royce, Poultry Packers Ltd.	1526 Dupont St., Toronto 9
Export Canners Ltd.	52 Clinton St., Toronto
Farm Fresh Poultry	55 Spruce St., Paris
Florentino, T., and Sons Ltd.	1299 Ottawa Ave., Niagara Falls
Foster Bros.	Green Bank
Halton Poultry Products	Milton
Imperial Foods (Watford) Ltd.	Watford
Johnston's Poultry Co.	Metcalfe
Kensington Packing Co. Ltd.	25 St. Andrews St. Toronto 2B
King Cole Ducks Ltd.	Box 185, Aurora
McCartney, Leonard	RR 1, Wellington
McLaughlin, M.	16 Wellington St. W., Alliston
McNaughtons Poultry	108 Arthur Ave., Essex
Manitoulin Turkey Co-op Ltd.	Box 152, Gore Bay
Maple Lodge Poultry Farm	RR 2, Norval
Meadowbrook Products	Hillier
Melbourne Packing Co. Ltd.	Melbourne
Monkton Produce Co.	Monkton
Morrisburg Poultry Co.	Morrisburg
Nap-Co Turkeys	Colchester North Township
Niagara Finest Poultry Ltd.	Burlington
Norfish Ltd.	Lynn St., Port Dover
Ontario Turkey Growers Co-op	Chiselm Dr., Ingersoll
Petrucelli, G & Son	1 Hillyard St., Hamilton
Pickering Farms Ltd. (Whitby)	Dundas St. W. Whitby
Plant Poultry	RR 3 Maidstone
Port Perry Packers Ltd.	Box 352, Port Perry
Renfrew Producers & Consumers Co-op	Lisgar Rd., Renfrew
Riverside Poultry Co. Ltd.	1236 Trafalgar St., London
Roder, A. Turkey Farm	RR 1, Arkona
Ruby, S.K. Farms Ltd.	RR 1, Baden
Sharpe, A.W.	RR 7, Guelph
Shippam Imperial Foods Ltd.	Watford
Sky-Line Farms Ltd.	RR 1 Kettleby
Snyder, C.	Harrowsmith
Stillmeadow Farms Ltd.	RR 1, Elnora
Stoney Creek Produce	RR 1 Hwy. 20, Stoney Creek
Stork, A. & Sons Ltd.	238 Queen St. W., Toronto 2B
Sunny Acres Turkey Farm	RR 4, Amherstburg
Sun Parlour Poultry Farms Ltd.	93 Wilson Ave., Essex
Swift Canadian Co. Ltd.	478-15th St., Hanover
Tend-R Flesh Ltd.	Petersburg
Thames Valley Poultry Ltd.	75 Bothwell Drive, Chatham
Theo's Home Made Chicken	5 Essex Ave., Thornhill
Toronto Packing Co.	360 Spadina Ave., Toronto 2 B
Tuck Turkey Ranch Ltd.	RR 1, Claremont
Wald Produce	Norman St., Palmerston
Weber Poultry Farms Ltd.	RR 2, Kitchener
Welsh, G. (Mrs.)	RR 10, Picton
Wight, E.O. & Sons	Rodney
Willow Spring Farms	R.R. 1, Wellington
Manitoba:	
Acme Produce Co. Ltd.	525 Jarvis Ave., Winnipeg 4
Blumenort Co-op Produce Ltd.	Blumenort
Community Poultry Market	47 Derby St., Winnipeg 4
Dueck, G. & Son Ltd.	Niverville
Dunn-Rite Food Products Ltd.	710 Pembina Hwy., Winnipeg
Goldberg's Poultry Centre	22 Powers St., Winnipeg
Manitoba Dairy & Poultry Co-op Ltd.	Blumenort
Manitoba Dairy & Poultry Co-op Ltd.	4 Saltu St., Winnipeg
Pembina Poultry Packers Ltd.	Morden
Swift Canadian Co. Ltd.	Neepawa
Swift Canadian Co. Ltd.	Princess & Henry Sts., Winnipeg
Saskatchewan:	
Canada Packers Ltd.	212 Pacific St., Saskatoon
Kellher Creamery Co. Ltd.	Bosworth St., Wynyard
Royal Dairies	1141-99th St., North Battleford
Saskatchewan Co-op Cream Assoc. Ltd.	1324 Halifax St., Regina
Sask. Co-op. Creamery Ass'n Ltd.	1192-97th St., North Battleford
Saskatchewan Co-op Cream Assoc. Ltd.	50 Myrtle Ave., Yorktown

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Saskatchewan - Concluded:	
Sharpe, W.J. & Co. Ltd.	1235 Broad St., Regina
Swift Canadian Co. Ltd.	Melville
Swift Canadian Co. Ltd.	220 Wall St., Saskatoon
Swift Current Produce Co.	Railway St. W., Swift Current
Western Produce Co. Ltd.	Melville
Wilson Produce Co. Ltd.	409 High St. W., Moose Jaw
Alberta:	
Alberta Poultry Marketers Co-op Ltd.	303-24th. St. N. Lethbridge
Alberta Poultry Marketers Co-op Ltd.	10207-108th St., Edmonton
Alberta Poultry Marketers Co-op Ltd.	48-3rd. St. S.E. Calgary
Central Alberta Dairy Pool	5302 Gaetz Ave., Red Deer
Edmonton Produce (1962) Ltd.	10504-102nd St., Edmonton
Mountain View Poultry Farm Ltd.	Okotoks
Pincrest Poultry Sales Ltd.	2126 Hirst Rd., Calgary
Swift Canadian Co. Ltd.	111-10th Ave. W., Calgary
Western Alberta Produce Ltd.	10611-101st St., Edmonton
British Columbia:	
Apex Poultry Co. Ltd.	240 E. Georgia St., Vancouver 4
Arrowsmith Farms Ltd.	R.R. 2, Qualicum Beach
Bonus Foods Ltd.	1635 MacDonald Ave., Burnaby 2
Boulter, A and Sons Ltd.	5523-176th St., Cloverdale
Bradford's Poultry Processing Ltd.	25370 Warner Rd., Aldergrove
Canadian Poultry Co.	1158 Powell St., Vancouver
Chong, Lun Co.	245 E. Pender St., Vancouver 4
Chong, Shing Poultry Ltd.	251 E. Pender St., Vancouver 4
Fatt Poultry Farm Ltd.	4245 Douglas St., Victoria
Happy Valley Poultry Farm	3553 Happy Valley Rd., Victoria
J. & K. Products Ltd.	613 Terminal Ave., Vancouver
Langley Poultry & Packing Co.	20622-66 Ave., Langley
Lung, Sing Poultry	321 E. Georgia St., Vancouver
Maplewood Poultry Processors Ltd.	2901 Sooke Rd., R.R. 2, Victoria
Mee Sang Poultry Co.	253 E. Pender St., Vancouver
Moore, E.C.	640 Robinson St., New Westminster
Panco Poultry Ltd.	7466 King George Hwy., Surrey
Pekin Duck Farm Ltd.	9981-132nd. St., North Surrey
Point Grey Poultry	1520 Boundry Rd., North Burnaby
Scott, Wm. & Co. Ltd.	1426 Cottrell St., Vancouver 4
Willows Poultry Farms Ltd.	31894 Marshall Rd., Clearbrook

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.

(c) 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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