



SLAUGHTERING AND MEAT PROCESSORS

1964

INCLUDING

1. Slaughtering and Meat Packing Plants
2. Sausage and Sausage Casing Manufacturers
3. Animal Oils and Fats Plants

ANNUAL CENSUS OF MANUFACTURES

DOMINION BUREAU OF STATISTICS

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Industry Division

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INTRODUCTION

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

The Slaughtering and Meat Processors, for the Annual Census of Manufactures, are presented as three industries. The previous pattern has been followed by sectionalization of this catalogue into three distinct parts, viz:

- Section 1 – Slaughtering and Meat Packing Plants.
- Section 2 – Sausage and Sausage Casing Manufacturers.
- Section 3 – Animal Oils and Fats Plants.

Normally in the manufacturing universe, the principal statistics contain the factor "Cost of materials and supplies used." For Slaughtering and Meat Processors it is not feasible to collect input commodities on this basis; the cost of materials and supplies (purchases) are collected. As a consequence the definition of **Materials and Supplies** as specified in the appendix Concepts and Definitions does not apply.

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.

SECTION I

SLAUGHTERING AND MEAT PACKING PLANTS

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	242	19,734	41,851	83,627	6,502	892,583	1,080,913	184,998	98	334	26,858	120,773	192,722
1962													
Totals	249	18,847	40,193	83,516	6,798	937,694	1,142,015	196,821	107	389	25,823	119,987	205,211
1963													
Newfoundland	2	718	1,491	2,835	321	25,449	31,891	6,271	4	17	993	4,080	6,729
Prince Edward Island	3												
Nova Scotia	4												
New Brunswick	6												
Quebec	84	3,887	8,301	16,760	1,570	185,958	233,324	46,719	35	122	5,552	25,092	48,882
Ontario	83	7,264	15,912	33,009	2,605	345,775	421,229	73,231	44	150	9,569	45,122	74,563
Manitoba	15	1,896	3,939	8,886	651	96,114	115,957	19,615	x	x	2,563	12,701	21,632
Saskatchewan	10	1,018	2,106	4,826	346	43,435	52,960	9,160	x	x	1,330	6,421	9,785
Alberta	27	3,135	6,432	14,366	826	198,422	232,478	34,533	4	15	4,307	21,007	35,103
British Columbia	21	901	1,848	4,274	317	44,768	54,479	9,845	7	22	1,234	6,256	10,982
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	255	18,819	40,029	84,955	6,636	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661
1964													
Newfoundland	2	778	1,541	2,977	328	27,179	33,464	6,165	8	23	1,065	4,406	6,895
Prince Edward Island	3												
Nova Scotia	5												
New Brunswick	8												
Quebec	86	3,992	8,266	16,803	1,668	174,274	226,619	50,014	35	119	5,680	25,665	53,755
Ontario	83	7,380	16,381	35,810	2,677	365,180	447,985	82,055	40	141	9,797	49,305	83,753
Manitoba	17	2,019	4,169	9,820	665	102,280	124,019	20,889	3	11	2,751	13,754	22,612
Saskatchewan	12	1,054	2,227	5,299	369	46,757	58,483	11,315	5	16	1,372	7,091	12,024
Alberta	25	3,127	6,628	15,549	872	210,789	251,544	39,157	6	22	4,341	22,291	39,993
British Columbia	24	955	1,931	4,641	336	46,150	56,304	10,175	3	10	1,310	6,845	11,498
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	265	19,305	41,144	90,898	6,916	972,609	1,198,417	219,769	100	343	26,316	129,358	230,822

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	4	3	8	8	--	14	33	19	4	7	3	8	19
\$ 10,000 to \$ 24,999	10	9	19	28	2	96	164	72	8	18	10	32	82
25,000 " 49,999	13	23	44	74	6	295	472	181	7	17	29	88	185
50,000 " 99,999	24	39	74	124	22	1,284	1,653	347	28	90	42	130	427
100,000 " 199,999	24	130	262	477	55	2,617	3,610	975	16	49	152	552	1,029
200,000 " 499,999	43	313	624	1,068	202	11,711	14,654	2,824	16	69	395	1,396	3,013
500,000 " 999,999	39	658	1,392	2,345	434	21,846	28,148	5,840	17	72	895	3,414	6,364
1,000,000 " 4,999,999	46	1,727	3,786	6,379	752	90,461	109,075	18,690	5	31	2,394	9,671	19,362
5,000,000 and over	52	15,917	33,821	74,453	5,165	811,598	984,508	170,425	—	—	21,628	105,589	177,180
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	255	18,819	40,029	84,955	6,636	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661
1964													
Under \$10,000	3	—	1	3	1	2	18	15	2	7	1	6	15
\$ 10,000 to \$ 24,999	13	6	12	23	5	109	204	88	11	29	8	26	92
25,000 " 49,999	18	21	42	79	12	410	682	276	15	47	30	98	278
50,000 " 99,999	19	35	71	131	15	968	1,339	362	19	57	42	155	418
100,000 " 199,999	29	120	251	467	63	3,112	4,311	1,161	17	55	150	587	1,257
200,000 " 499,999	45	253	518	956	187	12,787	15,710	2,796	21	69	360	1,410	3,006
500,000 " 999,999	33	484	1,041	1,824	305	18,212	23,351	4,801	11	58	703	7,778	5,188
1,000,000 " 4,999,999	55	2,158	4,692	8,384	1,035	105,173	132,553	26,522	4	21	2,915	12,617	27,378
5,000,000 and over	50	16,228	34,516	79,033	5,294	831,836	1,020,250	183,747	—	—	22,107	111,682	192,892
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	265	19,305	41,144	90,898	6,916	972,609	1,198,417	219,769	100	343	26,316	129,358	230,522

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	24	18	39	56	10	840	999	148	20	46	22	65	164
\$ 10,000 to \$ 24,999	41	85	164	270	40	4,242	4,991	722	37	122	99	311	779
25,000 " 49,999	32	184	355	588	124	7,974	9,293	1,211	18	68	228	720	1,412
50,000 " 99,999	39	349	706	1,112	229	21,274	24,330	2,962	22	88	476	1,571	3,142
100,000 " 199,999	29	430	952	1,460	261	27,602	31,638	4,071	4	28	588	2,193	4,214
200,000 " 499,999	32	1,171	2,432	4,276	480	74,455	86,408	11,379	—	—	1,630	6,698	12,143
500,000 " 999,999	15	1,253	2,648	4,727	589	72,466	84,228	11,359	—	—	1,672	6,755	11,625
1,000,000 " 4,999,999	35	8,343	17,797	38,424	2,426	385,311	470,262	83,898	—	—	11,303	54,614	87,855
5,000,000 and over	8	6,986	14,936	34,042	2,477	345,758	430,168	83,623	—	—	9,530	47,952	86,328
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	255	18,819	40,029	84,955	6,636	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661
1964													
Under \$10,000	22	11	23	41	9	456	625	149	18	53	16	50	153
\$ 10,000 to \$ 24,999	38	58	121	219	73	3,597	4,308	651	43	128	67	242	700
25,000 " 49,999	36	133	268	484	81	7,596	8,876	1,286	12	44	179	652	1,430
50,000 " 99,999	47	341	702	1,200	235	20,672	24,180	3,275	26	113	484	1,789	3,588
100,000 " 199,999	24	373	797	1,387	144	23,428	26,934	3,364	1	5	520	2,067	3,535
200,000 " 499,999	31	939	2,041	3,436	481	69,901	80,603	10,371	—	—	1,348	5,450	10,926
500,000 " 999,999	17	1,021	2,266	4,022	434	64,289	76,911	12,409	—	—	1,436	6,177	12,619
1,000,000 " 4,999,999	41	8,532	18,147	39,531	2,645	379,173	474,470	92,293	—	—	11,368	55,451	98,450
5,000,000 and over	9	7,897	16,780	40,578	2,814	403,496	501,512	95,971	—	—	10,898	57,480	99,121
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	265	19,305	41,144	90,898	6,916	972,609	1,198,417	219,769	100	343	26,316	129,358	230,522

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	21	15	33	48	8	723	857	125	17	37	19	57	126
\$ 10,000 to \$ 24,999	39	78	151	246	36	4,021	4,692	647	34	113	88	278	682
25,000 " 49,999	30	134	256	445	58	6,532	7,626	1,027	21	74	172	561	1,094
50,000 " 99,999	41	352	695	1,089	246	20,460	23,346	2,804	23	91	443	1,457	2,988
100,000 " 199,999	33	451	1,004	1,578	289	29,200	33,526	4,331	6	38	632	2,349	4,620
200,000 " 499,999	32	1,149	2,406	4,165	487	78,004	89,753	11,102	—	—	1,563	6,341	11,411
500,000 " 999,999	15	1,204	2,523	4,417	571	64,506	75,779	10,906	—	—	1,648	6,531	11,548
1,000,000 " 4,999,999	35	8,069	17,148	36,995	2,375	374,835	456,075	80,528	—	—	10,940	52,666	83,241
5,000,000 and over	9	7,367	15,813	35,972	2,566	361,641	450,662	87,904	—	—	10,043	50,640	91,951
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	255	18,819	40,029	84,955	6,636	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661
1964													
Under \$10,000	22	11	23	41	9	456	625	150	18	53	16	50	153
\$ 10,000 to \$ 24,999	32	45	94	169	31	2,660	3,206	519	37	109	52	185	538
25,000 " 49,999	37	121	244	454	111	7,622	8,855	1,201	15	53	163	610	1,281
50,000 " 99,999	47	306	637	1,095	197	19,553	22,881	3,105	26	108	415	1,562	3,273
100,000 " 199,999	28	408	859	1,487	178	24,338	28,097	3,568	4	21	577	2,233	3,831
200,000 " 499,999	31	883	1,947	3,201	462	68,410	78,893	10,171	—	—	1,266	5,061	10,399
500,000 " 999,999	18	1,102	2,414	4,341	469	66,900	79,928	12,772	—	—	1,561	6,726	13,477
1,000,000 " 4,999,999	39	7,673	16,399	35,275	2,442	344,806	430,812	83,158	—	—	10,225	49,773	87,950
5,000,000 and over	11	8,756	18,528	44,834	3,017	437,864	545,170	105,106	—	—	12,041	63,159	109,621
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	265	19,305	41,144	90,898	6,916	972,609	1,198,417	219,769	100	343	26,316	129,358	230,522

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	67	101	199	322	56	6,495	7,748	1,203	61	178	113	361	1,259
5- 14 employed	66	407	806	1,377	269	24,872	28,927	3,946	35	150	543	1,888	4,277
15- 49 "	51	1,039	2,280	3,725	520	78,257	88,930	10,409	5	26	1,410	5,671	10,794
50- 99 "	21	1,102	2,405	4,260	509	77,290	91,323	14,009	—	—	1,453	6,306	14,431
100-199 "	15	1,539	3,275	6,026	659	68,035	82,371	13,863	—	—	2,139	8,877	14,554
200-499 "	21	4,799	10,164	22,415	1,511	224,276	274,665	48,973	—	—	6,528	31,525	50,972
500 employed and over	14	9,832	20,900	46,829	3,113	460,696	568,352	106,969	—	—	13,362	66,252	111,374
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	255	18,819	40,029	84,955	6,636	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661
1964													
Under 5 employed	79	104	213	385	84	8,370	10,171	1,795	73	213	128	453	1,865
5- 14 employed	59	341	718	1,257	247	22,689	26,417	3,544	24	120	476	1,829	3,802
15- 49 "	52	951	2,060	3,536	462	70,890	83,877	12,699	3	10	1,347	5,553	13,086
50- 99 "	26	1,316	2,888	5,231	551	106,284	125,533	18,659	—	—	1,796	7,956	18,956
100-199 "	14	1,586	3,432	6,501	780	63,023	79,362	15,718	—	—	2,077	9,021	16,599
200-499 "	21	4,884	10,353	23,048	1,511	217,910	268,708	49,511	—	—	6,609	32,877	53,569
500 employed and over	14	10,123	21,479	50,940	3,280	483,443	604,353	117,843	—	—	13,883	71,669	122,645
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	265	19,305	41,144	90,898	6,916	972,609	1,198,417	219,769	100	343	26,316	129,358	230,522

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	56	149	305	464	127	9,437	10,967	1,416	55	200	163	509	1,575
Partnerships	21	89	188	291	72	6,832	7,837	977	46	153	99	314	1,085
Incorporated companies	175	18,253	38,862	82,982	6,246	909,321	1,106,618	194,432	...	...	24,790	118,211	202,367
Co-operatives	3	328	674	1,219	192	14,331	16,894	2,548	...	...	496	1,845	2,634
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	255	18,819	40,029	84,955	6,636	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661
1964													
Individual ownerships	58	136	276	454	128	9,505	11,235	1,628	57	200	155	516	1,778
Partnerships	19	43	91	163	44	4,571	5,266	631	43	143	58	214	702
Incorporated companies	185	18,782	40,012	88,981	6,550	943,617	1,164,050	214,609	...	...	25,583	126,614	225,054
Co-operatives	3	344	765	1,300	193	14,915	17,867	2,901	...	...	520	2,014	2,988
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	265	19,305	41,144	90,898	6,916	972,609	1,198,417	219,769	100	343	26,316	129,358	230,522

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	1,142,317	1,198,417	89,879	101,858	1,232,196	1,300,275
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	—	—	...	...	—	—
Finished goods	48,920	49,482	...	...	48,920	49,482
Deduct opening—Goods in process .....	—	—	...	...	—	—
Finished goods	45,305	48,605	...	...	45,305	48,605
2. Net inventory change	3,615	877	...	...	3,615	877
3. Gross output (1 + 2)	1,145,932	1,199,294	89,879	101,858	1,235,811	1,301,152
Input						
4. Purchases of goods not of own manufacture .....	...	...	79,921	88,804	79,921	88,804
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	3,772	4,331	3,772	4,331
Deduct closing .....	...	...	4,194	4,425	4,194	4,425
5. Cost of goods sold (not of own manufacture) .....	...	...	79,499	88,710	79,499	88,710
6. Materials, supplies, etc.	939,921	972,609	2,092	2,395	942,013	975,004
7. Fuel and electricity	6,636	6,916	...	...	6,636	6,916
8. Gross input (5 + 6 + 7)	946,557	979,525	81,591	91,105	1,028,148	1,070,630
Value added (3 - 8)	199,374	219,769	8,288	10,753	207,661	230,522

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														
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other					
number										\$'000							
1963																	
Newfoundland	}																
Prince Edward Island																	
Nova Scotia		568	150	12	—	144	39	79	1	803	190	2,835	70	830	345	4,080	
New Brunswick																	
Quebec		3,345	542	—	—	766	203	676	20	4,787	765	16,760	—	5,195	3,136	25,092	
Ontario		5,701	1,563	8	—	1,017	525	742	13	7,468	2,101	33,009	31	7,904	4,178	45,122	
Manitoba		1,642	254	9	11	436	103	108	—	2,195	366	8,886	83	3,122	611	12,701	
Saskatchewan		817	201	—	—	137	47	103	25	1,057	273	4,826	—	1,102	693	6,621	
Alberta		2,569	566	95	7	579	205	282	4	3,525	782	14,366	509	4,539	1,594	21,007	
British Columbia		722	179	—	—	159	61	112	1	993	241	4,274	—	1,254	728	6,256	
Yukon and Northwest Terri- tories		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals		15,364	3,455	124	18	3,238	1,183	2,102	64	20,828	4,720	84,955	693	23,947	11,285	120,880	
1964																	
Newfoundland	}																
Prince Edward Island																	
Nova Scotia		635	143	12	—	144	38	91	2	882	183	2,979	69	948	412	4,406	
New Brunswick																	
Quebec		3,455	537	1	4	799	206	658	20	4,913	767	16,803	11	5,735	3,117	25,665	
Ontario		5,781	1,599	8	—	1,062	554	776	17	7,627	2,170	35,810	26	8,607	4,663	49,305	
Manitoba		1,741	278	7	12	497	101	109	6	2,354	397	9,820	85	3,222	627	13,754	
Saskatchewan		858	196	—	—	144	49	100	25	1,102	270	5,299	—	1,132	660	7,091	
Alberta		2,601	526	87	8	583	221	312	3	3,583	758	15,549	471	4,548	1,723	22,291	
British Columbia		767	188	—	—	167	60	127	1	1,061	249	4,641	—	1,367	837	6,845	
Yukon and Northwest Terri- tories		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals		15,838	3,467	115	24	3,396	1,229	2,173	74	21,522	4,794	90,898	662	25,760	12,038	129,358	

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	14,258	3,087	14,762	3,198
February	14,229	3,059	14,585	3,119
March	14,458	3,134	14,739	3,210
April	14,565	3,183	14,922	3,215
May	15,016	3,555	15,491	3,631
June	15,303	3,799	15,872	3,793
July	15,500	3,888	16,032	3,868
August	15,452	3,718	16,021	3,636
September	15,259	3,519	15,892	3,489
October	15,248	3,403	15,829	3,382
November	15,115	3,347	15,670	3,277
December	14,693	3,154	15,222	3,130
Averages	14,928	3,407	15,412	3,414
Establishments reporting annual averages (small establishments only)	436	48	426	53
Average for all establishments	15,364	3,455	15,838	3,467

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	}	—	—	1,595	1,595	226	1,821
Prince Edward Island							
Nova Scotia							
New Brunswick							
Quebec	—	—	11,410	11,410	766	12,176	
Ontario	—	—	17,835	17,835	1,265	19,100	
Manitoba	—	—	4,839	4,839	807	5,646	
Saskatchewan	—	—	2,522	2,522	334	2,856	
Alberta	—	—	8,056	8,056	544	6,600	
British Columbia	—	—	2,348	2,348	390	2,738	
Yukon and Northwest Territories	—	—	—	—	—	—	
Totals	—	—	48,606	48,606	4,331	52,937	
Closing:							
Newfoundland	}	—	—	1,804	1,804	291	2,095
Prince Edward Island							
Nova Scotia							
New Brunswick							
Quebec	—	—	10,747	10,747	796	11,545	
Ontario	—	—	19,762	19,762	1,411	21,173	
Manitoba	—	—	4,654	4,654	776	5,430	
Saskatchewan	—	—	2,480	2,480	326	2,806	
Alberta	—	—	7,330	7,330	622	7,952	
British Columbia	—	—	2,705	2,705	202	2,906	
Yukon and Northwest Territories	—	—	—	—	—	—	
Totals	—	—	49,482	49,482	4,425	53,907	

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	1,647	1,027	16
(b) Imported	"	14,208	14,271	162
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	1,320	1,110	20
Lignite coal	"	5,963	-	-
Coke	"	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	2,714,832	2,816,242	989
Fuel oil including kerosene or coal oil	"	13,158,736	14,383,713	1,180
Wood	cord	478	377	5
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	166,562	94,062	30
(b) Other manufactured gas	M cu. ft.	5,228	-	-
(c) Natural gas	"	4,441,984	4,751,730	1,430
Other fuel .....		...	...	18
Electricity purchased	kwh.	266,369,106	284,997,334	2,666
Steam purchased .....		...	...	111
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity		262	...	287
3. All establishments:				
Total fuel and electricity used		6,636	...	6,916

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Cattle	1,008,694,752	383,347	1,142,078,897	405,546
Sheep and lambs	23,430,249	9,083	22,157,545	8,844
Hogs	965,172,173	258,532	1,038,447,221	270,451
Calves	80,503,675	31,501	91,741,946	33,333
Other animals	21,976,662	2,557	21,417,196	2,726
Poultry	26,958,900	7,240	32,696,345	8,653
Dressed meats, fresh or partially processed, including poultry	428,125,415	140,868	396,765,163	129,310
Vegetable oils, crude:				
Coconut oil	16,600,120	..	12,013,940	..
Cottonseed oil	34,231,604	..	24,899,113	..
Palm oil	7,182,636	..	3,434,411	..
Peanut oil	6,091,107	..	5,172,976	..
Rapeseed oil	17,143,802	..	20,137,326	..
Soy-bean oil	37,766,001	..	52,274,560	..
Other vegetable oils	5,453,550	..	3,854,248	..
Vegetable oils (refined)	932,040	..	1,291,452	..
Total vegetable oils	125,400,860	16,026	123,078,026	16,424
Animal oils and fats	104,932,858	7,123	114,488,060	8,261
Marine oils	31,118,121	3,152	13,179,935	1,444
Cheese	5,537,659	2,041	7,129,476	2,837
Flour	6,982,267	423	8,334,181	641
Seasonings (pepper, spices, etc.) .....	..	2,994	..	2,962
Salt	111,244,368	1,048	117,511,949	1,071
Sugar	4,740,446	605	5,224,052	554
Sausage casings, natural .....	..	3,540	..	3,732
Sausage casings, synthetic .....	..	4,715	..	4,861
Vegetables .....	..	153	..	336
All other materials and components used ¹ .....	..	25,324	..	28,728
2. Containers and other packaging materials and supplies used .....	..	32,156	..	33,850
3. Operating, maintenance and repair supplies used (excluding fuel) .....	..	6,413	..	6,885
4. Amount paid out to others for work done on materials owned by establishments .....	..	1,080	..	1,160
Totals .....	..	939,921	..	972,609

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$16,955,781 in 1963 and \$19,691,731 in 1964.

TABLE 12A. Number and Cost of Principal Animals Slaughtered by Slaughtering and Meat Processors 1937-64

Year	Beeves	Sheep and lambs	Hogs	Calves	Total
1937	No. 972,020	837,136	3,951,503	757,406	6,518,065
.....	\$ 37,190,487	5,357,983	68,546,334	7,339,089	118,433,893
1938	No. 911,271	815,433	3,394,104	690,399	5,811,217
.....	\$ 36,824,213	5,148,334	64,862,596	7,158,134	113,993,277
1939	No. 927,588	785,653	3,793,468	687,539	6,194,248
.....	\$ 43,687,227	5,473,583	68,611,954	7,768,704	125,541,468
1940	No. 935,920	763,044	5,531,051	717,835	7,847,850
.....	\$ 49,908,223	5,688,302	93,139,503	9,020,929	157,756,957
1941	No. 1,052,574	836,094	6,469,323	757,024	9,115,015
.....	\$ 66,857,125	7,342,581	125,443,461	11,310,699	210,953,866
1942	No. 1,032,490	820,297	6,335,863	683,317	8,871,967
.....	\$ 82,211,307	7,985,052	153,963,231	13,426,219	257,585,809
1943	No. 1,111,861	878,816	7,260,174	616,959	9,867,810
.....	\$ 107,084,662	9,411,757	196,821,224	14,612,928	327,930,571
1944	No. 1,427,488	986,303	9,066,536	678,831	12,159,158
.....	\$ 131,686,144	9,736,665	239,828,751	13,781,310	395,032,870
1945	No. 1,887,693	1,159,962	6,033,003	829,850	9,910,508
.....	\$ 170,417,273	11,872,329	165,418,638	17,895,865	365,604,105
1946	No. 1,760,177	1,212,661	4,403,220	815,502	8,191,560
.....	\$ 173,245,669	13,500,970	134,569,676	19,320,440	340,636,755
1947	No. 1,351,156	916,128	4,561,581	678,529	7,507,394
.....	\$ 148,447,228	10,761,141	158,482,837	16,856,444	334,547,650
1948	No. 1,550,834	841,091	4,802,890	828,441	8,023,256
.....	\$ 222,625,218	12,697,548	220,461,511	27,846,560	483,630,837

TABLE 12 A. Number and Cost of principal Animals Slaughtered by Slaughtering and Meat Processors 1937-64 - Concluded

Year		Beeves	Sheep and lambs	Hogs	Calves	Total
1949	No.	1,504,875	653,160	4,291,142	798,216	7,247,393
	\$	233,357,116	11,973,954	205,032,524	30,245,621	480,609,215
1950	No.	1,309,234	526,646	4,778,417	802,005	7,416,302
	\$	256,379,900	11,656,099	219,176,645	35,279,912	522,492,556
1951	No.	1,181,155	442,207	4,779,212	590,399	6,992,973
	\$	309,268,985	12,125,934	250,355,280	36,058,269	607,808,468
1952	No.	1,251,892	525,127	6,436,778	583,547	8,797,344
	\$	258,892,737	11,205,092	260,011,925	26,070,076	556,179,830
1953	No.	1,469,346	538,949	5,100,583	752,426	7,861,304
	\$	229,361,419	9,839,185	240,413,690	29,180,175	508,794,469
1954	No.	1,692,091	567,351	5,006,429	833,640	8,099,511
	\$	238,047,739	9,504,662	243,115,093	29,281,478	519,948,972
1955	No.	1,731,115	576,979	5,766,132	843,088	8,917,314
	\$	247,803,864	9,562,795	221,538,898	29,331,405	508,236,962
1956	No.	1,902,882	600,973	5,856,427	928,076	9,288,358
	\$	259,799,005	9,721,671	227,846,202	31,684,992	529,051,870
1957	No.	2,035,110	581,662	5,187,115	934,556	8,738,443
	\$	286,414,584	9,787,065	244,497,958	34,249,065	574,948,672
1958	No.	1,981,669	578,124	6,176,491	873,149	9,609,433
	\$	360,118,472	10,174,466	269,718,019	38,947,581	678,958,538
1959	No.	1,792,789	549,725	8,171,500	117,490	11,231,504
	\$	357,320,539	9,333,825	292,648,367	35,630,843	694,933,574
1960	No.	1,963,828	592,531	6,761,384	791,148	10,108,891
	\$	364,783,355	9,807,857	241,705,095	37,310,427	653,606,734
1961	No.	2,094,518	635,187	6,264,419	764,216	9,758,340
	\$	388,326,019	10,255,874	258,605,187	37,707,665	694,894,745
1962	No.	2,092,316	586,570	6,480,581	803,238	9,962,705
	\$	423,999,657	9,186,753	274,969,735	42,502,197	750,658,342
1963	No.	2,189,734	558,685	6,209,962	761,632	9,720,013
	\$	448,576,398	9,543,222	262,211,392	40,548,092	760,879,104
1964	No.	2,451,250	508,609	6,770,032	806,512	10,536,403
	\$	467,357,806	9,047,062	276,004,960	43,575,592	795,985,420

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

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Meats sold fresh and fresh-frozen:				
Beef	1,033,831,948	427,648	1,147,955,642	448,293
Mutton and lamb	34,382,200	13,672	31,842,942	13,009
Pork	479,849,338	180,612	522,023,180	190,051
Veal	76,131,664	34,812	87,012,536	37,023
Other meats, fancy meats, and offal	144,656,791	40,173	170,407,166	46,553
Totals, fresh and frozen meats	1,768,851,941	696,917	1,959,241,466	734,930
Poultry sold fresh and fresh-frozen	56,056,654	22,687	62,408,059	24,544
Cured and smoked meats:				
Beef, salted or cured	8,509,073	..	10,309,572	..
Pork, salted or cured (n.o.p.)	24,687,801	..	25,640,391	..
Bone-in hams, uncooked	19,037,333	..	15,586,214	..
Bone-in hams, cooked	22,925,901	..	26,111,390	..
Boneless hams, uncooked	16,987,583	..	16,872,759	..
Boneless hams, cooked	15,555,323	..	19,139,522	..
Side bacon, sliced	63,958,718	..	67,917,215	..
Side bacon, (piece) unsliced	30,490,265	..	32,819,587	..
Back bacon, sliced	7,444,541	..	6,472,293	..
Back bacon (piece) unsliced	7,501,005	..	8,638,067	..
Picnics	29,758,813	..	32,562,517	..
Cottage rolls and butts	26,414,148	..	29,431,424	..
Other smoked meat items	17,468,944	..	15,109,808	..
Totals, cured and smoked meats	290,739,478	158,473	306,610,739	159,838
Sausage and cooked meats (including loaves and jellied meats but excluding hamburger, ground beef and chopped-suet):				
Fresh sausage, pure pork	31,014,256	13,847	32,389,499	14,052
Fresh sausage, other	19,486,931	7,607	18,388,898	7,193
Bologna	75,951,082	21,753	77,015,522	21,765
Wieners and frankfurters	87,707,653	33,065	93,685,925	34,982
Salami	4,528,377	2,912	5,595,905	3,923
Blood pudding	1,428,414	421	1,384,992	430
Sausage casings	..	4,586	..	4,309
Ham cooked (boiled)	18,159,862	16,416	19,652,148	17,565
Other sausage and cooked meats	56,000,426	28,901	57,306,399	28,991
Totals, sausage cooked meats	294,277,001	129,508	305,419,288	133,210

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

Description	1963		1964	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products - Concluded:				
Canned meats, all kinds (including poultry)	68,517,745	34,386	78,057,458	36,256
Lard	110,712,490	16,509	115,638,739	17,719
Animal oils and fats:				
Greases	2,385,887	110	2,630,213	159
Neatsfoot oil	396,120	65	539,541	71
Tallow, edible	34,610,667	3,391	38,391,435	3,993
Tallow, inedible	102,646,577	5,830	122,634,380	8,025
Other animal oils and fats	9,564,620	1,034	9,875,437	1,059
Animal foods:				
Cat foods	1	1	1	1
Dog foods	30,526,661	3,140	34,904,249	3,099
Fox foods	6,459,217	355	4,879,554	340
Mink foods	828,249	44	628,682	33
Other animal foods	43,875,930	2,659	53,999,430	3,254
Tankage, primary:				
Bones, edible	271,682	7	4,400,439	101
Bones, inedible	16,953,860	309	15,190,826	327
Bones, green	12,161,360	229	1	1
Dried blood, edible and inedible	13,920,782	861	16,475,549	949
Hooves and horns	1,109,168	14	1,145,617	16
Tankage, dry rendered	75,485,735	3,412	100,800,054	4,464
Tankage, wet rendered	5,299,038	74	4,563,620	109
Tankage, other	29,024,533	847	40,795,065	1,436
Tankage, secondary:				
Blood meal	8,616,354	458	8,094,466	481
Bone flour and bone meal	4,541,435	164	6,979,563	359
Meat meal	70,276,567	3,545	67,491,110	3,502
Feeding tankage	8,697,717	436	12,438,896	582
Tankage, other	1	1	1	1
Cattle hides	No. 1,940,414	12,529	2,207,168	12,910
Horse hides	1	1	1	1
Sheep skins	No. 523,056	1,061	502,043	1,069
Calf skins	" 521,530	2,199	558,669	2,433
Hair and bristles:				
Cattle tail hair	128,741	20	190,829	34
Coil-dried and processed hog hair	516,657	74	358,036	65
Other hair and bristles	1	1	1	1
All other products .....	...	50,292	...	51,689
2. Amount received in payment for work done on materials and products owned by others .....	...	3,099	...	3,685
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(12,421)	...	(14,325)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	1,142,317	...	1,198,417

- ¹ Included in "Other Animal foods".
² Included in "Tankage, Other". (Primary)
³ Included in "All Other products".
⁴ Included in "Other hair and bristles".

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		1964 ^P	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
Margarine	178,342,309 ^F	36,934 ^F	177,769,414	39,612
Shortening:				
Containing some animal fat	106,943,879	20,316	102,397,704	20,023
Containing some marine oils				
Wholly vegetable	93,494,968	21,038	113,365,188	24,540
Vegetable oils, refined—edible:				
Coconut	17,063,696	2,673	12,394,010	2,382
Cottonseed	22,792,759	3,987	16,288,209	3,116
Peanut	7,348,068 ^F	1,622	5,307,044	1,391
Rapeseed	11,478,223	1,550	16,027,182	2,263
Soy-bean	50,915,539	6,544	48,823,439	6,399
Other vegetable, n.e.s.	86,551,580 ^F	17,098 ^F	95,490,368	19,197

TABLE 15. Shipments of Selected Commodities, Slaughtering and Meat Packing Plants, 1942-64

Year	Meat sold fresh and frozen			Bacon	Sausage and cooked meats	Canned meats	Shortening
	Beef	Pork	Veal				
	thousands of pounds						
1942	509,309	215,369	76,878	379,408	127,569	23,028	90,403
1943	540,042	310,833	71,961	469,885	146,439	35,459	98,352
1944	674,613	249,842	73,232	577,067	150,928	85,346	105,121
1945	811,947	195,563	89,805	355,108	157,214	143,571	111,272
1946	746,044	127,555	89,422	262,938	159,023	193,373	107,980
1947	578,295	155,002	70,997	233,895	153,702	107,789	119,471
1948	695,109	220,065	87,140	185,611	161,674	62,169	137,313
1949 ¹	679,295	244,303	85,097	116,682	169,284	43,858	125,167
1950	588,998	276,890	87,074	108,684	174,314	50,584	131,067
1951	573,578	310,836	64,221	75,795	189,401	51,188	121,351
1952	622,949	404,476	64,131	83,406	197,678	133,751	123,539
1953	724,200	392,543	82,297	80,523	208,280	60,489	135,984
1954	814,750	367,204	91,155	78,498	210,829	51,324	157,106
1955	721,108	411,145	81,527	93,272	226,963	65,694	153,903
1956	781,997	415,290	88,652	97,205	242,624	57,302	163,495
1957	857,427	371,802	91,114	85,987	245,648	62,952	163,039
1958	869,869	465,770	82,688	96,596	259,987	60,936	167,884
1959	824,051	604,717	69,869	102,775	270,892	163,694	161,266
1960	910,163	506,312	78,946	109,095	278,207	71,130	169,972
1961	1,032,805	472,120	80,194	103,948	285,602	63,333	134,950
1962	975,698	484,482	81,756	109,220	296,224	67,463	146,052
1963	1,033,832	479,849	76,132	109,395	294,277	68,518	120,999
1964	1,147,956	522,023	87,013	115,847	305,419	78,057	119,304

¹ Prior to 1949 the figures represent production.

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:	
Chalker & Co. Ltd.	56 Kenmount Rd., St. John's
Markes Wholesale Meats Ltd.	73 Blackmarsh Rd., St. John's
Prince Edward Island:	
Canada Packers Ltd.	Grafton St. E., Charlottetown
Farm Enterprises Inc.	Green Rd., St. Eleanors
Ross, Donald J.	Lower Montague
Nova Scotia:	
Eastern Meat Packers Ltd.	Hillside, Trenton
Larsen Packers Ltd.	Main St., Berwick
MacDonald, George	R.R. 4, New Glasgow
McDonald, Wm. & Co.	512 Esplanade, Sydney
N.S. Co-operative Abattoir Ltd.	N. Barrington St., Halifax
New Brunswick:	
Canada Packers Ltd.	Thorne Ave., Saint John
Léger, Emery S.	R.R. 1, Robichaud
Mackay, Fred	Keswick Ridge
Northern Meat Packers Ltd.	17 Matheson St., Campbellton
Salaison Gauvin Ltée	Paquetville
Sirois, Robert	Ste-Anne-de-Madawaska
Swift Canadian Co. Ltd.	Albert St. Extension, Moncton
Taylor, G.B.	220 Bridge St., Saint John
Quebec:	
Abattoir Central Enr.	R.R. 55, Mistassini
Abattoir Champlain Enr.	607 Notre-Dame, Champlain
Abattoir de l'Isle-Verte	Isle-Verte, Cté Rivière-du-Loup
Abattoir Desrochers Ltée	St-Esprit
Abattoir D.G.L. Inc.	Omerville
Abattoir du Nord Enr.	St-Francois-de-Sales, Cté Laval
Abattoir J.H. Sinotte	St-Camille
Abattoir Lafortune Enr.	St-Lin-des-Laurentides
Abattoir Lapointe	St-Jacques
Abattoir Montmagny	R.R. 3, Montmagny
Abattoir Nadeau Ltée	Ste-Germaine Station
Abattoir régional du Richelieu Ltée	206, rue du Collège, Sorel
Abattoir régional St-Barthélemy	St-Barthélemy
Abattoir régional St-Isidore	St-Isidore
Abattoir St-Guillaume Inc.	St-Guillaume
Abattoir St-Valérien Inc.	St-Valérien
Abattoirs Léo Giroux, Les	R.R. 5, Sherbrooke
Alarie & Frères	Ste-Mélanie
Arnold Farms Ltd.	Grenville
Branchette, Julien	Ste-Madeleine
Boucherie Roberge	52 St-Henri, Drummondville

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
Quebec - Concluded:	
Bourassa Ltée, N.	5500, Côte-de-Liesse, Ville Mont-Royal
Brassard Frères Ltée.	540, rue Brassard, Chicoutimi
Brasseur, J.M.	Upton, Cté Bagot
Canada Packers Ltd.	1260 Mill St., Montreal
Canada Packers Ltd. (Wilsil Division)	1239 Mill St., Montreal
Canada Packers Ltd.	200 Montcalm St., Hull
Caron, Rosaire	St-Benoit-de-la-Corne
Chaine Co-opérative du Saguenay, La.	St-Bruno
Charcuterie Labrecque	3855 Rivard, Montreal
Cochran & Sons, Ltd. S.	4955 Courirai, Montreal
Cordon Bleu Ltée	4351, rue Iberville, Montreal
Côté & Fils Inc., A.	R.R. 1, Stoke Centre
Côté & Frère Inc.	R.R. 3, Acton Vale
Courmoyer, Albert	Upton, Cté Bagot
Couture, Gilles	Ste-Cécile Milton, Cté Shefford
Demers Inc., Gérard	Rue Principale, St-Pierre-les-Becquets
Demers Inc., Jean	Gentilly
Drach's Food Products Ltd.	1207-1227 Van Horn Ave., Outremont
Eastern Abattoir Ltd.	4363 Frontenac St., Montreal
Excel Packing Corporation	4995 Angers St., Montreal
Federal Packing Inc.	239 Dollard St., Magog
Fournier, Arthur	St-Mathieu
Frontenac Packing Ltd.	4365 Frontenac St., Montreal
Fugère, Gérard	St-Stanislas
Gagnon & Fils, Ltée, Jos.	207, rue Notre-Dame, Ville Ste-Marie
Hébert, L.G. & Fils Ltée	Ste-Hélène
Hoffner's Food Products Inc.	415 Bonsecours St., Montreal
Horky 1964 Ltd.	3803 St. Lawrence Blvd., Montreal
Johnson, Charles-Henri	Deschambault
La Bonne Ménagère Ltée.	182, Est Notre-Dame, Victoriaville
Lafleur Ltée, Alphonse	350-5e rue, Québec
Lavoie & Fils Ltée, A.	Rang St-Jean-Baptiste, Chicoutimi
Leblanc & Poliquin	Bécancour, Cté Nicolet
Legrade Inc.	1401, rue d'Estimauville, Québec
Legrade Inc.	4363, rue Frontenac, Montreal
Legrade Inc.	200, rue St-François-Xavier, Princeville
Lesieur, Roger	St-Louis-de-France
Lester's Smoked Meats Inc.	3558 Colonial Ave., Montreal
McGarry & Co. Ltd.	708 St. Paul W., St., Montreal
Melrose Packers Corp.	236 Mt. Royal St. E., Montreal
Messier, W.	St-Germain
Modern & Dominion Packers Ltd.	4670 Iberville St., Montreal
Montreal Smoked Meat Products Ltd.	2946 Rouen St., Montreal
Ouellet, Arthur	Ste-Perpétue
Pesner Bros. Ltd.	968 Notre Dame St. W., Montreal
Produits la Bonne Humeur Ltée., Les.	1455 Maisonneuve, Magog
Proulx & Fils Ltée, A.	R.R. 1, Danville
Provincial Pickled Tongues	5909 Papineau Ave., Montreal
Quintal Ltée, Ernest	139, rue Notre-Dame, Charlemagne
Roy & Frère Inc., Henri	St-Anselme-Station
St-Jean & Fils Inc., H.	1357, rue St-Pierre, La Providence
Salaison Acton Enr.	R.R. 3, Acton Vale
Salaison Brisson Inc., La	122, rue Ferland, Nicolet
Salaison Idéale Ltée	Laval Nord, Lac-Mégantic, Frontenac
Salaison Maisonneuve Ltée	1420, De la Salle, Montreal
Salaison St-Jérôme Ltée	660 Trudel, St-Jérôme
Salamico Co. Ltd.	385 St-Eustache St., St-Eustache
Skeena Enr.	84-10e Ave. N., Sherbrooke
Société Française de Spécialités Alimentaires Ltée	5105 Côte-de-Liesse Rd., St-Laurent
Sodor Inc.	342-1ère Rue, Québec
Standard Smoked Meats Ltd.	4445 Iberville St., Montreal
Supreme Packers Inc.	5149 Marquette St., Montreal
Sylvain Frères	505, rue Durocher, Québec
Sylvain Ltée, Edmond	70, rue Dorchester, Québec
United Packing Co. Ltd.	4365 Frontenac St., Montreal
Ontario:	
Abingdon Packers Ltd.	R.R. 2, Caistor Centre
Ames Abattoir	R.R. #3, Paris
Arrow Meat Packers Ltd.	28 Bedford St., Cornwall
Aylmer Meat Supply	R.R. 4., Aylmer
Beaver Valley Abattoir	Thornbury
Beef Terminal Ltd.	2255 St. Clair Ave. W., Toronto
Bradley Co. Ltd., F.G.	490 Kipling Ave. S., Toronto
Brantford Packers Ltd.	543 Greenwich St., Brantford
Brenner Packers Ltd.	497 Catarqui St., Windsor
Bruce Packers Ltd.	R.R. 3., Paisley
Burns & Company Ltd.	901 Guelph St., Kitchener
Canada Packers Ltd.	2200 St. Clair Ave. W., Toronto
Canadian Abattoir Ltd.	138 St. Helens Ave., Toronto
Canadian Dressed Meats Ltd.	109 Ryding Ave., Toronto
Capital Meat Co. Ltd.	316 Savard Ave., Eastview
Castaldi Meat Processing	R.R. 6, Wallaceburg
Coleman Packing Co. Ltd.	500 First St., London
Cole, Lorne	R.R. 1., Hilton
Comfort & Tylee Ltd.	St. Anns
Copaco	272 Innisful St., Barrie
Corp Meat Packers Ltd.	2 Tecumseth St., Toronto
Crabtree Meat Packers Ltd.	416 McArthur Rd., Ottawa
Darlington Abattoir	Hampton
Dougherty's Meat Market	Allanburg
Elco Meats	2 Tecumseth St., Toronto

List of Establishments classified to This Industry - Continued

Name	Location
Ontario - Concluded:	
Essex Packers Ltd.	Wentworth St. N., Hamilton
Essex Packers Ltd.	875 Mercer St., Windsor
Essex Packers Ltd.	226 Merritt St., Merriton
Fearman Co. Ltd., F.W.	821 Appleby Line, Burlington
Fretz Bros.	R.R. 3, Claremont
Gourmet Meats Ltd.	734 Rennie St., Hamilton
Grantham Packers Ltd.	Hartzell Rd., St. Catharines
Gross, Morris	388 Clinton St., Toronto
Holton Dressed Meats Ltd.	Esquesing
Hempel's Food Manufacturing Co.	129 Belfield Rd., Rexdale
Highland Packers Ltd.	R.R. 1, Vinemount
Hoffman & Sons Ltd., Phillip	352 Maple Ave. W., Toronto
Kitchener Packers Co. Ltd.	210 Springvalley Rd., Kitchener
Larey Bros. Packers Ltd.	No. 6 Hwy., Box 202, Waterdown
L.M. Packers Ltd.	16 Evans St., Hamilton
Louis Cured Meats	1853 Upper James St., Hamilton
Lucas Ltd. R.J. & Arthur	75 Curlew Dr., Don Mills
Lynn Valley Packers	R.R. 3, Simcoe
Metropolitan Meat Packers Ltd.	1-3 Glen Scarlett Rd., Toronto
Morrison Meat Packers Ltd.	Concession 8, Beverly, Twp.
Niagara Sausage & Meat Products Ltd.	Ontario Rd., Welland
Northern Meat Packers Ltd.	305 Arnold St., Kitchener
Ottawa Beef Co. Ltd.	229 Lees Ave., Ottawa
Owen Sound Abattoir	R.R. 5, Owen Sound
Oxo Canada Ltd.	1380 Don Mills Rd., Don Mills
Paletta Bros. Meat Products Ltd.	4480 South Service Rd., Burlington
Parama-Courtland Packers	Courtland
Plaque Meat Packers	2 Tecumseth St., Toronto
Pic-Freeze Rabbit Industries Ltd.	Cherry Valley
Pijl, Adrian	549 Stone Church Rd., Hamilton
Presswood Bros. Ltd.	30 Maybank Ave., Toronto
Prime Packers Ltd.	99 Ryding Ave., Toronto
Primrose Meat Products Ltd.	1893 Mattawa Ave., Cooksville
Quality Meat Packers Ltd.	2 Tecumseth, Toronto
Rabbit Meat Industries	Hwy. 2 Wardsville
Reist & Son, Noah	St. Jacobs
St. George Abattoir	R.R. 1, St. George
Santa Meat Packers	735 Kimbal Road Sarnia
Schneider Ltd., J.M.	321 Courtland Ave. E., Kitchener
Star Brand Meat Packers	R.R. 2, Gleanford Stn., Binbrook
Staffer's Meats	418 Courtland Ave. E., Kitchener
Starling Packers Ltd.	2255 St. Clair Ave. W., Toronto
Swift Canadian Co. Ltd.	1960 St. Clair Ave. W., Toronto
Tasty Chip Steak Products Ltd.	71 Strachan Ave., Toronto
Timmins Packers Ltd.	Preston St. S., Timmins
Top's Continental Meat Products	1846 Burlington St., Hamilton
Toronto Abattoir Ltd.	2 Tecumseth St., Toronto
Triangle Food Products Ltd.	1145 Roselawn Ave., Toronto
Twin City Abattoir	822 McLaughlin St., Port William
United Countries Butcher Service	Clifton Rd., Port Hope
United Kosher Beef Products	671 Richmond St. W., Toronto
Vaunclair Purveyors Co. Ltd.	50 Upjohn Rd., Don Mills
Viking Meat & Sausage Co.	10 Willison Sq., Toronto
Whyte Packing Co. Ltd.	78 Whyte Ave., Stratford
Wilson's Abattoir	Anderson St. Whitby
Windsor Packing Co. Ltd.	Tecumseth & Wellington Sts., Windsor
W.K. Meat Packers	210 Rykert St., St. Catharines
York Packing Co. Ltd.	104 Trowell Ave., Toronto
Manitoba:	
Bergman Meat Products	Blumenort
Burns & Co. Ltd.	Marion & Burnsway St., St. Boniface
Canada Packers Ltd.	660 Marion St., St. Boniface
Custom Abattoir Ltd.	500 Dawson Rd., St. Boniface
Del's Specialty Meats	586 Des Meurons St., St. Boniface
Dent's Processors Ltd.	286 Fort St., Winnipeg
Forgan Wholesale Meats Ltd., Jack	500 Dawson Rd., St. Boniface
Grusko, H. & Sons Ltd.	346 Dupuy St., St. Boniface
Halparin Wholesale Meats Ltd.	341 Dupuy St., St. Boniface
Kosher Meat Canning Co. Ltd.	358 Flora Ave., Winnipeg
St. Boniface Abattoir Ltd.	346 Dupuy St., St. Boniface
Sandy Lake Locker Plant	Sandy Lake
Smiths Corn Beef & Sausage Mfg. Co. Ltd.	261 Flora Ave., Winnipeg
Swift Canadian Co. Ltd.	Archibald St., St. Boniface
Twin City Packers Ltd.	341 Dupuy St., St. Boniface
Willow Farm Food Ltd.	500 Dawson Rd., St. Boniface
Winnipeg Beef Co. Ltd.	346 Dupuy St., St. Boniface
Saskatchewan:	
Broadview Abattoir Ltd.	Broadview
Burns and Co. Ltd.	15th St. E., Prince Albert
Burns and Co. Ltd.	Winnipeg St. and 9th Ave., Regina
Canrose Meats	2 miles E. Hwy 13, Weyburn
Canada Packers Ltd.	601 Home St. W., Moose Jaw
Empire Meat Co. Ltd. Abattoir	2821-11th St. W., Saskatoon
Hogues Ltd.	Swift Current
Intercontinental Packers Ltd.	1773 Reynolds St., Regina
Intercontinental Packers Ltd.	3003 11th St. W., Saskatoon
Mid-West Packers Ltd.	386-8th Ave., Yorkton
Producers Abattoir	#1 Highway E., Regina
Treen's Packers Ltd.	South Side, Swift Current

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
Alberta:	
Alsask Processors Ltd. (Division of the Quaker Oats Co. of Canada Ltd.)	5918-12th Ave., Edmonton
Brooks Meat Packing Ltd.	Brooks
Burns and Co. Ltd.	Portland St., Calgary
Burns and Co. Ltd.	120th Ave. & 72nd St., Edmonton
Calgary Packers Ltd. (Canada Packers Ltd.)	26th Ave. & 11th St. E., Calgary
Canada Packers Ltd.	Fort Trail & 70th St., Edmonton
Canada Packers Ltd.	3939-1st Ave. S., Edmonton
Canadian Dressed Meats (Lethbridge) Ltd.	4141-1st Ave. S., Lethbridge
Capital Packers Ltd.	12907-57th St., Edmonton
Central Abattoir Ltd.	4327-54th Ave., Red Deer
Central Alberta Meat Co. Ltd.	12165 Fort Trail, Edmonton
Charlie's Slaughter Service	Stettler
City Packers Ltd.	43rd St. & 9th Ave., Lethbridge
City Abattoir (Calgary) Ltd.	634-5th Ave. S.E., Calgary
Country Abattoir	Box 513, Vulcan
Dvorkin Meat Packers Ltd.	4211 Portland St., Calgary
Gainer, Chester D.	52nd St. & 127th Ave., Edmonton
Gainers Ltd.	7917-96th St., Edmonton
Olds Meat & Processing Co.	Olds
Ponoka Meat Packers	Ponoka
Red Deer Packers Ltd.	Red Deer
St. Paul Packers & Processors Co. Ltd.	St. Paul
Swift Canadian Co. Ltd.	66th St. & 124th Ave., Edmonton
Taber Abattoir Ltd.	Taber
Union Packing Co. (Division of Swift Canadian Co. Ltd.)	Box 158, Calgary
British Columbia:	
Bairds Curing Plant Ltd.	Belvedere St., Enderby
Borsata Meats Ltd.	Langley
Canada Packers Ltd.	750 Terminal Ave., Vancouver
Clappison Packers Ltd.	22060 River Road, Haney
Dunrovin Rabbits, Ltd.	2345-164th St., White Rock
Feinschmecker Sausage Co. Ltd.	1080 Robson St., Vancouver
Fletcher's Ltd.	8385 Frazer St., Vancouver
General Meat Purveyors Ltd.	48 Water St., Vancouver
Kelowna Packers Ltd.	R.R. 2, Kelowna
Made-Rite Sausage Co. Ltd.	1221 Vulcan Way, Richmond
Newdan Farm	Alice Siding, Creston
Pacific Meat Co. Ltd.	3950 Shaughnessy St., Vancouver
Pioneer Meat Packers Ltd.	McCurdy Rd., Kelowna
Puritan Cannery Ltd.	1300 Vulcan Way, Richmond
Reid Ltd., James Inglis	559 Granville St., Vancouver
Richmond Packing Ltd.	1710 Combie Rd., Richmond
Scott's Abattoir	2216 Scott Rd., Agassiz
Seed & Pitts Packers Ltd.	19350 Hammond Rd., Pitt Meadows
Swift Canadian Co. Ltd.	244-No. 5 Rd., Richmond
Vancouver Meat-a-Rama Portions Ltd.	1170 Howe St., Vancouver
Van Isle Meat Packers Ltd.	350 Island Highway, Victoria
Westside Meat & Poultry	R.R. 1 Salmon Arm
Weymouth Meat Co. Ltd.	Fore Rd, Matsqui
Williams Lake Meat Packers Ltd.	Old Quesnel Hwy., Williams Lake

SECTION II

SAUSAGE AND SAUSAGE CASING MANUFACTURERS

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	85	1,238	2,643	3,800	494	21,873	34,009	12,165	81	253	1,696	6,222	12,489
1962													
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222
1963													
Newfoundland	1	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	3	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	1	—	x	x	—	x	x	x	x	x	—	x	x
Quebec	29	662	1,498	2,106	191	13,918	21,178	7,088	21	104	898	3,450	7,233
Ontario	35	702	1,497	2,586	321	13,861	22,381	8,285	29	117	998	4,046	8,412
Manitoba	7	141	304	524	42	4,228	5,576	1,343	x	x	191	906	1,446
Saskatchewan	2	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	4	12	30	44	5	248	355	102	4	9	17	69	129
British Columbia	8	106	220	453	43	2,701	4,170	1,458	x	x	175	823	1,459
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	90	1,666	3,639	5,850	620	36,115	55,312	18,747	65	272	2,347	9,513	19,156
1964													
Newfoundland	1	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	3	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	1	—	—	—	—	x	x	x	x	x	—	—	x
Quebec	32	624	1,441	2,271	204	15,476	21,951	6,551	19	75	924	3,884	6,846
Ontario	37	710	1,540	2,792	338	14,586	24,171	9,354	25	114	1,034	4,649	9,438
Manitoba	8	125	285	487	42	3,916	5,422	1,450	x	x	178	897	1,618
Saskatchewan	2	x	x	x	x	x	x	x	—	—	x	x	x
Alberta	5	12	27	41	4	243	353	114	5	11	19	76	142
British Columbia	8	105	233	509	55	3,274	4,838	1,514	x	x	160	857	1,514
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	95	1,624	3,630	6,267	671	39,071	58,840	19,495	61	250	2,393	10,665	20,091

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	3	—	1	1	—	8	14	6	3	4	—	1	6
\$ 10,000 to \$ 24,999	10	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	10	10	26	33	6	228	354	118	11	28	11	36	123
50,000 " 99,999	13	39	83	119	17	615	944	319	16	47	45	142	379
100,000 " 199,999	25	142	304	433	60	2,529	3,665	1,074	20	85	195	623	1,146
200,000 " 499,999	18	179	413	611	74	4,204	5,760	1,503	9	60	231	901	1,698
500,000 " 999,999	11	251	517	743	86	5,451	7,788	2,387	—	—	352	1,355	2,407
1,000,000 " 4,999,999	7	383	866	1,240	106	9,498	14,144	4,535	6	47	509	1,949	4,561
5,000,000 and over	3	662	1,428	2,670	271	13,581	22,643	8,806	—	—	1,004	4,507	8,836
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	90	1,666	3,639	5,850	620	36,115	55,312	18,747	65	272	2,347	9,513	19,156
1964													
Under \$10,000	7	2	5	6	1	77	110	35	7	13	2	6	35
\$ 10,000 to \$ 24,999	10	12	26	37	7	231	364	127	11	33	13	39	140
25,000 " 49,999	13	35	73	110	14	643	943	283	19	66	39	125	331
50,000 " 99,999	24	134	298	428	62	2,241	3,414	1,075	19	107	187	647	1,224
100,000 " 199,999	18	157	348	609	73	3,752	5,244	1,424	5	31	213	920	1,644
200,000 " 499,999	11	231	516	792	83	5,692	8,451	2,663	—	—	349	1,429	2,647
500,000 " 999,999	9	394	933	1,497	147	11,830	16,236	4,518	—	—	538	2,472	4,581
1,000,000 " 4,999,999	3	659	1,433	2,788	284	14,604	24,078	9,370	—	—	1,052	5,025	9,490
5,000,000 and over .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	95	1,624	3,630	6,267	671	39,071	58,840	19,495	61	250	2,393	10,665	20,091

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	9	3	8	9	3	233	285	47	11	25	3	10	47
\$ 10,000 to \$ 24,999	15	33	72	100	14	675	936	255	19	54	36	109	292
25,000 " 49,999	22	131	288	392	53	2,486	3,337	796	15	59	163	508	1,009
50,000 " 99,999	18	127	286	425	65	3,019	4,321	1,255	13	81	185	663	1,313
100,000 " 199,999	11	203	426	659	63	4,520	6,180	1,631	1	6	269	1,071	1,688
200,000 " 499,999	9	240	501	647	109	5,386	7,935	2,523	6	47	343	1,186	2,505
500,000 " 999,999	6	929	2,057	3,617	313	19,796	32,319	12,239	—	—	1,348	5,966	12,302
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	90	1,666	3,639	5,850	620	36,115	55,312	18,747	65	272	2,347	9,513	19,156
1964													
Under \$10,000	12	5	12	15	4	232	316	77	13	33	5	15	77
\$ 10,000 to \$ 24,999	17	52	110	145	28	902	1,245	273	20	57	63	166	360
25,000 " 49,999	21	106	234	340	49	2,441	3,300	787	15	73	134	476	884
50,000 " 99,999	19	137	304	506	65	3,039	4,383	1,308	9	59	207	821	1,541
100,000 " 199,999	6	91	195	320	29	1,752	2,684	928	4	28	118	496	926
200,000 " 499,999	13	318	717	1,087	149	8,539	12,417	3,692	—	—	477	2,016	3,727
500,000 " 999,999	4	256	626	1,063	63	7,562	10,419	3,059	—	—	337	1,629	3,085
1,000,000 " 4,999,999	3	659	1,433	2,788	284	14,604	24,078	9,370	—	—	1,052	5,025	9,490
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	95	1,624	3,630	6,267	671	39,071	58,840	19,495	61	250	2,393	10,665	20,091

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	9	3	8	9	3	233	285	47	11	25	3	10	47
\$ 10,000 to \$ 24,999	13	23	53	72	10	567	784	214	18	50	25	77	217
25,000 " 49,999	21	118	252	344	45	2,198	2,965	723	15	57	145	439	772
50,000 " 99,999	21	148	332	486	68	3,278	4,775	1,438	14	86	217	791	1,532
100,000 " 199,999	10	171	374	567	61	4,002	5,405	1,367	1	6	220	870	1,553
200,000 " 499,999	10	274	562	755	119	6,043	8,780	2,719	8	47	389	1,360	2,732
500,000 " 999,999	6	929	2,057	3,617	313	19,796	32,319	12,239	—	—	1,348	5,966	12,302
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	90	1,666	3,639	5,850	620	36,115	55,312	18,747	65	272	2,347	9,513	19,156
1964													
Under \$10,000	12	5	12	15	4	232	316	77	13	33	5	15	77
\$ 10,000 to \$ 24,999	14	31	67	90	16	660	916	219	16	50	38	109	231
25,000 " 49,999	19	93	205	290	45	2,214	2,962	672	17	80	109	388	707
50,000 " 99,999	23	157	343	544	70	3,105	4,600	1,421	12	79	219	819	1,574
100,000 " 199,999	6	97	211	350	31	1,906	2,816	908	1	8	129	556	988
200,000 " 499,999	14	326	733	1,126	159	8,767	12,734	3,770	—	—	504	2,144	3,939
500,000 " 999,999	4	256	626	1,063	63	7,562	10,419	3,059	—	—	337	1,629	3,085
1,000,000 " 4,999,999	3	659	1,433	2,788	284	14,604	24,078	9,370	—	—	1,052	5,025	9,490
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	95	1,624	3,630	6,267	671	39,071	58,840	19,495	61	250	2,393	10,665	20,091

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	21	19	44	55	15	688	943	239	28	75	20	58	270
5 - 14 employed	43	268	591	839	117	5,616	7,826	2,122	30	143	359	1,214	2,379
15 - 49 "	19	393	837	1,249	141	9,054	12,996	3,915	1	6	557	2,170	3,976
50 - 99 "	3	163	347	587	73	4,428	6,283	1,815	6	47	229	1,017	1,852
100-199 "	4	823	1,819	3,119	274	16,326	27,263	10,655	—	—	1,182	5,055	10,679
200-499 "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	90	1,666	3,639	5,850	620	36,115	55,312	18,747	65	272	2,347	9,513	19,156
1964													
Under 5 employed	24	19	43	60	14	747	1,115	361	30	100	21	66	372
5 - 14 employed	44	262	573	883	117	5,570	7,827	2,134	30	143	348	1,262	2,261
15 - 49 "	19	367	814	1,360	148	9,761	14,631	4,662	1	8	558	2,551	4,982
50 - 99 "	4	193	447	729	102	5,170	7,309	2,055	—	—	268	1,195	2,083
100-199 "	4	783	1,752	3,235	289	17,822	27,959	10,282	—	—	1,198	5,590	10,337
200-499 "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	95	1,624	3,630	6,267	671	39,071	58,840	19,495	61	250	2,393	10,665	20,091

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	24	93	210	318	33	1,972	2,673	690	23	85	102	353	778
Partnerships	17	115	238	249	61	2,296	3,118	761	42	187	134	298	764
Incorporated companies	49	1,458	3,190	5,283	526	31,846	49,521	17,295	...	...	2,111	8,861	17,614
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	90	1,666	3,639	5,850	620	36,115	55,312	18,747	65	272	2,347	9,513	19,156
1964													
Individual ownerships	25	90	203	338	36	1,938	2,682	691	23	100	97	372	728
Partnerships	18	53	117	157	23	1,009	1,609	586	38	150	58	171	597
Incorporated companies	52	1,481	3,310	5,771	612	36,123	54,549	18,218	...	...	2,238	10,123	18,766
Co-operatives .....	-	-	-	-	-	-	-	-	...	...	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	95	1,624	3,630	6,267	671	39,071	58,840	19,495	61	250	2,393	10,665	20,091

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	55,312	58,840	3,425	3,869	58,737	82,709
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	-	-	...	...	-	-
Finished goods	3,871	4,308	...	...	3,871	4,308
Deduct opening—Goods in process .....	-	-	...	...	-	-
Finished goods	3,701	3,912	...	...	3,701	3,912
2. Net inventory change	170	396	...	...	170	396
3. Gross output (1 + 2)	55,482	59,236	3,425	3,869	58,907	63,105
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,884	3,176	2,884	3,176
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	109	118	109	118
Deduct closing .....	...	...	128	197	128	197
5. Cost of goods sold (not of own manufacture) .....	...	...	2,865	3,097	2,865	3,097
6. Materials, supplies, etc.	36,115	39,071	151	175	36,266	39,246
7. Fuel and electricity	620	671	...	...	620	671
8. Gross input (5 + 6 + 7)	36,735	39,742	3,016	3,272	39,751	43,014
Value added (3 - 8)	18,747	19,495	409	597	19,156	20,091

TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Administrative and office		Sales and distribution		Total		Production and related workers		Administrative and office	Sales and distribution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufacturing	Other			
1963	number										\$'000				
Newfoundland	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	397	265	-	-	89	31	114	2	600	298	2,106	-	722	623	3,450
Ontario	489	213	-	-	159	55	75	7	723	275	2,586	-	1,074	387	4,046
Manitoba	96	45	-	-	18	10	21	1	135	56	524	-	246	136	906
Saskatchewan	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Alberta	6	6	-	-	4	-	-	1	10	7	44	-	23	2	69
British Columbia	65	41	-	-	12	12	44	1	121	54	453	-	150	219	823
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,083	583	-	-	284	113	268	16	1,635	712	5,850	-	2,246	1,417	9,513
1964															
Newfoundland	x	x	-	-	-	-	-	-	x	x	x	-	-	-	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	372	252	-	-	115	52	126	7	613	311	2,271	-	1,005	608	3,884
Ontario	476	234	-	-	183	53	83	5	742	292	2,792	-	1,416	442	4,640
Manitoba	83	42	-	-	21	12	19	1	123	55	487	-	278	132	899
Saskatchewan	x	x	-	-	x	x	x	x	x	x	x	-	x	x	x
Alberta	8	4	-	-	3	4	-	-	11	8	41	-	35	-	76
British Columbia	63	42	-	-	12	11	24	8	99	61	509	-	158	190	857
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	1,035	589	-	-	338	139	265	27	1,638	755	6,267	-	2,953	1,445	10,665

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	980	539	974	532
February	993	550	955	545
March	996	540	971	530
April	1,006	549	975	551
May	1,055	618	995	603
June	1,066	634	1,014	620
July	1,085	634	1,017	619
August	1,067	544	990	566
September	1,019	556	984	590
October	1,009	577	974	578
November	1,020	566	976	611
December	1,044	540	973	547
Averages	1,029	571	983	576
Establishments reporting annual averages (small establishments only)	54	12	52	13
Average for all establishments	1,083	583	1,035	559

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	—	—	x	x	—	x
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	x	x	—	x
New Brunswick	—	—	—	—	—	—
Quebec	—	—	1,178	1,178	61	1,239
Ontario	—	—	2,197	2,197	29	2,227
Manitoba	—	—	249	249	25	274
Saskatchewan	—	—	x	x	—	x
Alberta	—	—	18	18	—	18
British Columbia	—	—	174	174	3	177
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	3,912	3,912	118	4,031
Closing:						
Newfoundland	—	—	x	x	—	x
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	x	x	—	x
New Brunswick	—	—	—	—	—	—
Quebec	—	—	1,458	1,458	136	1,594
Ontario	—	—	2,305	2,305	25	2,330
Manitoba	—	—	235	235	31	266
Saskatchewan	—	—	x	x	—	x
Alberta	—	—	27	27	—	27
British Columbia	—	—	178	178	4	182
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	4,308	4,308	197	4,505

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
I. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	—	—	—
(b) Imported	"	—	—	—
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	6,335	6,338	80
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	419,002	450,474	172
Fuel oil including kerosene or coal oil	"	464,564	432,362	53
Wood	cord	110	104	2
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	26,503	32,775	9
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	72,223	74,157	64
Other fuel .....	...	2	...	5
Electricity purchased	kwh.	21,127,409	23,164,132	255
Steam purchased .....	...	—	...	—
II. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	27	...	31
III. All establishments:				
Total fuel and electricity used .....	...	620	...	671

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Meat	69,945,797	21,379	78,102,100	23,755
Flour	1,827,197	183	1,135,805	114
Seasonings (Pepper, spice, etc.) .....	...	701	...	732
Salt	3,809,300	49	3,863,585	52
Sugar	445,605	61	330,033	41
Sausage casings:				
Natural, not cleaned .....	...	332	...	315
Natural, cleaned .....	...	3,278	...	3,837
Synthetic .....	...	817	...	861
Vegetables .....	...	238	...	320
All other materials and components used ¹ .....	...	4,953	...	4,963
2. Containers and other packaging materials and supplies used .....	...	1,900	...	2,247
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	2,089	...	1,798
4. Amount paid out to others for work done on materials owned by establishments .....	...	136	...	37
Totals .....	...	36,115	...	39,071

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,210,547 in 1963 and \$1,267,750 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:				
Meats; fresh and frozen	4,874,885	2,299	6,151,425	2,640
Poultry; fresh and frozen	315,000	135	228,815	107
Cured and smoked meats	6,264,378	5,104	7,211,252	5,305
Fresh sausages, pure pork	5,682,329	2,586	6,868,612	3,223
Fresh sausage, other	9,327,689	4,613	5,749,759	2,315
Bologna	11,841,895	4,096	11,482,732	3,602
Wieners and frankfurters	17,855,812	7,162	17,056,309	6,857
Salami	6,610,584	4,482	8,479,891	5,715
Blood pudding	2,277,154	595	2,213,166	569
Sausage casings, natural and synthetic .....	...	10,817	...	10,045
Ham cooked (boiled)	1,065,169	828	1,193,651	943
Other sausage and cooked meats	11,072,364	7,574	20,792,059	12,422
All other products .....	...	5,118	...	5,101
2. Amount received in payment for work done on materials and products owned by others .....	...	6	...	4
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(102)	...	(130)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	55,312	...	58,540

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:	
Parsons, R.F. & Sons	St. John's
Nova Scotia:	
Dacre Brand Sausage Co.	Alexandra St., Sydney
Ideal Sausage Co.	81 Johnstone St., Sydney
Superior Sausage Co.	Union Hwy., Scotchtown
New Brunswick:	
Huttges' Sausages	St. Martins
Quebec:	
Beaudin & Frère	5789, rue Briand, Montréal
Blitpage Inc.	2525, boul. Henri-Bourassa, Québec
Boudin Perfection	6368, de Châteaubriand, Montréal
Boudin Idéal Trottiér & Mainville	4304, rue Parthenais, Montréal
Brunet Inc., Les Produits	8637, rue Drolet, Montréal
Canpodian Casing Corporation	4995 Angers St., Montréal
Charcuterie Familiale	Loretteville
Charcuterie Hygienne	27, rue St-François ouest, Québec
Charcuterie Laurentienne	14, rue St-Laurent, St-Eustache
Dionne Sausage Inc., Saucisse	440, rue Sicard, Montréal
Dante Food Products	6786 St. Lawrence Blvd., Montreal

List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
Quebec - Concluded:	
European Sausage Ltd.	1742 Richardson St., Montréal
Fantino & Mondello Ltd.	294 Port Royal West, Montréal
Gaudreau & Frères Inc.	Magog
Hygrade Food Products Inc.	300 Guizot St. W., Montreal
Independent Products of Canada Ltd.	40 Bates Rd., Montréal
La Fernandière	1749, rue St-Philippe, Trois-Rivières
Leong Jung Co.	92 Lagauchetière St. W., Montréal
Levitt's Strictly Kosher Delicatessen Products Ltd.	4420 St. Dominique St., Montréal
Massey's	2581 Masson, Montréal
Meinick Food Products Inc.	1990 Parthenais St., Montréal
New Milano Italian Food Products Co. Ltd.	10540 L'Archevêque, Montréal N.
Parma Food Products Ltd.	3775 Industrial Blvd., Montréal N.
Produits B. & J. Enr.	Pointe-Aux-Trembles
Produits Gano Enr.	18, rue Laurier, Victoriaville
Produits 4 Etoiles Enr., Les.	74, rue St-Luc, Chicoutimi
Quebec smoked Meat Products Co.	1889 Centre St., Montréal
Roma Food Products Ltd.	6876 Marconi, Montréal
Sepp's Sausage & Delicatessen Inc.	4444 Colonial Ave., Montréal
Tailleur & Fils Inc.	500 Ave. Beaumont
Venetian Salami Co. Ltd.	130 Beaumont St., Montréal
Villeneuve, J.P.	St-Félicien
Ontario:	
Averbo Meats	Wallacetown
Bittner Packers Ltd.	21 Medulla Ave., Toronto
Chatham Packing Co.	20 Adelaide St. S., Chatham
Continental Meat Packers Ltd.	1944 Mattawa Ave., Cooksville
Darrigo's Italian Food Products Ltd.	16 Jutland Rd., Toronto
Fiedler, H.W. Ltd.	197 King St. E., Kitchener
Golden Mile Meat Packers	64 Crockford Blvd., Scarborough
Greenspan's Delicatessen Products	172 Harbord St., Toronto
Gronau Meat Packers	91 Bridgeport Rd., Waterloo
Jacobs & Sons Ltd.	Hwy. 10, Dundalk
Kwinter Foods Ltd.	248 Simcoe St., Toronto
Leistner Casing Ltd.	2 Carson St., Toronto
M. & G. Salami & Sausage Co. Ltd.	975 Tecumseh Rd., Sandwich W.
Mazur, Adam	1577 Dupont St., Toronto
Milano Salami Co.	Winona
Northern Produce (Sudbury) Ltd.	308 Notre-Dame Ave., Sudbury
Ontario Meat Products	783 Queen St. W., Toronto
Openheimer Casing Co.	Stratford
Oshawa Meat Products	1064 Kingston Rd. W., Oshawa
Piller Sausage & Delicatessen Ltd.	R.R. 2, Waterloo
Primo Belvedere Salami Co.	56 Huxley Rd., Weston
Roma Salami Co.	23 Garibaldi St., Guelph
Sandwich Sausage Co.	1567 Crawford Ave., Windsor
Scheffier, Rudolf Meat Packing	10 California St., Brampton
Shopsy's Foods Ltd.	2 Huxley Rd., Weston
Siena Foods Ltd.	16 Newbridge Rd., Toronto
Soloway's Star Meat Products Ltd.	664 Richmond St. W., Toronto
Stratford Packers Ltd.	R.R. 3, Stratford
Superior Sausage Co.	14 Montrose Ave., Toronto
Tereshyn, Stan J.	163 Pine St. S., Thorold
Three Star Meat Packers	196 Shaw St. Rear, Toronto
Twin City Meat Products Co.	605 McTavish St., Fort William
Union Carbide Canada Ltd. (Visking Div.)	150 Colbourne St. E., Lindsay
Union Kosher Sausage Co. Ltd.	56 Lippincott St., Toronto
Venetian Meat & Salami Co. Ltd.	947 Burlington St. E., Hamilton
Vienna Meat & Sausage Co.	1050 Birchmount Rd., Scarborough
Wagner Sausage Co.	90 Earl St., Hamilton
Manitoba:	
Canadian Meat Products Mfg. Co. Ltd.	441 King St., Winnipeg
Central Products & Foods Ltd.	630 Nairn Ave., Winnipeg
Chicago Kosher Sausage Mfg. Co. Ltd.	358 Flora Ave., Winnipeg
European Meat & Sausage Co.	533 Burrows Ave., Winnipeg
Frontier Meat & Sausage Co. Ltd., The	350 Ross Ave., Winnipeg
Manitoba Sausage Mfg. Co. Ltd.	691 Dufferin Ave., Winnipeg
Saskatchewan:	
European Meat Products Ltd.	308- 20th St. W., Saskatoon
Fuhrmann Meats Ltd.	1501 Tenth Avenue, Regina
Alberta:	
Homemade Sausage Shop	519-2nd St. S. E., Medicine Hat
Lemmer Sausage Ltd.	809-1st Ave. N.E., Calgary
Old Country Sausage Shop	424-13th St. N., Lethbridge
Stampede Fancy Sausage Co.	438-3rd Ave. S.E., Calgary
Van's Meat Supply Ltd.	9328 Jasper Ave., Edmonton
British Columbia:	
B.C. Fancy Sausage Co. Ltd.	1435 East Georgia St., Vancouver
Continental Sausage Co. Ltd.	3585 Main St., Vancouver
Economy Sausage Co. Ltd.	4305 Dawson St., North Burnaby
Freybe Sausage Mfg. Ltd.	325 Railway St., Vancouver
Kam Yen Jan (1948) Ltd.	223 Keefer St., Vancouver
Kohler's European Sausage Ltd.	Alder Grove
Luigi's Sausages	1055 W - 1st Ave., Vancouver
Vancouver Sausage Co. Ltd.	1901 W - 1st Ave., Vancouver

SECTION III
ANIMAL OILS AND FATS PLANTS

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	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
1962													
Totals	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292
1963													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia.....	1	x	x	x	x	x	x	x	—	—	x	x	x
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	3	x	x	x	x	x	x	x	—	—	x	x	x
Ontario	8	152	361	609	435	2,553	6,205	3,258	x	x	252	1,258	3,858
Manitoba.....	1	x	x	x	x	x	x	x	—	—	x	x	x
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	3	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	2	x	x	x	x	x	x	x	—	—	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
1964													
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	1	x	x	x	x	x	x	x	—	—	x	x	x
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	4	x	x	x	x	x	x	x	x	x	x	x	x
Ontario	8	164	376	681	513	3,616	8,236	4,198	x	x	236	1,612	4,186
Manitoba.....	1	x	x	x	x	x	x	x	—	—	x	x	x
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	2	x	x	x	x	x	x	x	—	—	x	x	x
British Columbia	2	x	x	x	x	x	x	x	—	—	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249

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
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
50,000 " 99,999	—	—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	4	27	64	92	23	245	495	234	3	17	30	99	234
200,000 " 499,999	7	84	204	306	139	1,005	2,319	1,175	—	—	119	435	1,169
500,000 " 999,999	4	70	153	267	151	1,303	2,955	1,615	—	—	108	573	1,811
1,000,000 " 4,999,999	3	149	374	681	397	3,189	7,240	3,792	—	—	219	1,184	3,842
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
1964													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
50,000 " 99,999	—	—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	8	68	156	252	109	863	2,018	1,062	4	20	92	385	1,077
200,000 " 499,999	5	119	275	443	208	1,649	3,992	2,210	—	—	172	759	2,419
500,000 " 999,999	5	189	456	865	510	5,619	11,651	5,694	—	—	292	1,751	5,752
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249

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
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
50,000 " 99,999	—	—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	5	30	72	107	27	374	711	315	3	17	37	132	314
200,000 " 499,999	5	58	141	205	81	811	1,658	750	—	—	77	267	749
500,000 " 999,999	5	93	208	352	204	1,367	3,400	1,958	—	—	143	708	2,150
1,000,000 " 4,999,999	3	149	374	681	397	3,189	7,240	3,792	—	—	219	1,184	3,842
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
1964													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
50,000 " 99,999	—	—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	3	12	24	41	19	187	340	139	4	20	13	48	155
200,000 " 499,999	4	46	111	171	67	800	1,472	602	—	—	64	243	607
500,000 " 999,999	5	110	254	379	185	1,576	3,393	1,649	—	—	148	578	1,638
1,000,000 " 4,999,999	6	208	498	970	556	5,567	12,456	6,577	—	—	331	2,026	6,848
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249

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	5	30	72	107	27	374	711	315	3	17	37	132	314
25,000 " 49,999	5	58	141	205	81	811	1,658	750	—	—	77	267	749
50,000 " 99,999	4	72	164	262	172	957	2,643	1,549	—	—	109	522	1,543
100,000 " 199,999	4	170	419	772	429	3,599	7,998	4,201	—	—	253	1,370	4,449
200,000 " 499,999	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
1964													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	7	58	135	212	86	987	1,812	740	4	20	77	290	763
25,000 " 49,999	5	110	254	379	185	1,576	3,393	1,649	—	—	148	578	1,638
50,000 " 99,999	6	208	498	970	556	5,567	12,456	6,577	—	—	331	2,026	6,848
100,000 " 199,999	—	—	—	—	—	—	—	—	—	—	—	—	—
200,000 " 499,999	—	—	—	—	—	—	—	—	—	—	—	—	—
500,000 " 999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249

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	—	—	—	—	—	—	—	—	—	—	—	—	—
5- 14 employed	7	44	102	163	45	799	1,363	532	3	17	55	201	530
15- 49 "	8	137	318	502	268	1,754	4,406	2,491	—	—	202	906	2,383
50- 99 "	3	149	374	661	397	3,189	7,240	3,792	—	—	219	1,184	3,842
100-199 "	—	—	—	—	—	—	—	—	—	—	—	—	—
200-499 "	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
1964													
Under 5 employed	5	21	44	61	45	553	1,010	430	4	20	30	127	449
5- 14 employed	10	188	436	714	347	3,315	7,349	3,765	—	—	286	1,476	3,965
15- 49 "	3	167	407	766	435	4,263	9,301	4,771	—	—	240	1,292	4,834
50- 99 "	—	—	—	—	—	—	—	—	—	—	—	—	—
100-199 "	—	—	—	—	—	—	—	—	—	—	—	—	—
200-499 "	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249

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	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
Partnerships													
Incorporated companies													
Co-operatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	330	795	1,346	710	5,741	13,009	6,815	3	17	476	2,291	7,056
1964													
Individual ownerships	—	—	—	—	—	—	—	—	—	—	—	—	—
Partnerships	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249
Incorporated companies													
Co-operatives													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	18	376	887	1,561	827	8,130	17,660	8,966	4	20	556	2,895	9,249

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	13,009	17,660	2,361	3,087	15,370	20,747
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	—	—	...	...	—	—
Finished goods	836	1,132	...	...	836	1,132
Deduct opening—Goods in process .....	—	—	...	...	—	—
Finished goods	579	870	...	...	579	870
2. Net inventory change	257	262	...	...	257	262
3. Gross output (1 + 2)	13,266	17,922	2,361	3,087	15,627	21,009
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,089	2,729	2,089	2,729
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	8	10	8	10
Deduct closing .....	...	...	10	—	10	—
5. Cost of goods sold (not of own manufacture) .....	...	...	2,087	2,739	2,087	2,739
6. Materials, supplies, etc.	5,741	8,130	33	65	5,774	8,195
7. Fuel and electricity	710	827	...	...	710	827
8. Gross input (5 + 6 + 7)	6,451	8,957	2,120	2,804	8,571	11,761
Value added (3 - 8)	6,815	8,966	241	283	7,056	9,249

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 distribution	Total
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female			Manufacturing	Other	
	number										\$'000				
1963															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	x	-	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	x	x	x	-	x	x	x	x	x	x	x	x	x	x	x
Ontario	152	-	-	-	39	12	49	-	240	12	609	-	403	247	1,258
Manitoba	x	x	x	-	x	x	x	x	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	x	x	x	-	x	x	x	x	x	x	x	x	x	x	x
British Columbia	x	x	x	-	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	329	1	1	-	72	20	51	2	453	23	1,346	2	688	256	2,291
1964															
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	x	x	x	-	x	x	x	-	x	x	x	x	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	x	x	x	-	x	x	x	-	x	x	x	x	x	x	x
Ontario	164	-	-	-	45	12	65	-	274	12	681	-	583	348	1,612
Manitoba	x	x	x	-	x	x	x	-	x	x	x	x	x	x	x
Saskatchewan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta	x	x	x	-	x	x	x	-	x	x	x	x	x	x	x
British Columbia	x	x	x	-	x	x	x	-	x	x	x	x	x	x	x
Yukon and Northwest Terri- tories	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	375	1	3	-	87	24	66	-	531	25	1,561	9	974	351	2,895

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	324	1	358	2
February	325	1	348	1
March	311	-	351	1
April	323	-	367	1
May	323	1	376	1
June	325	1	378	1
July	325	1	378	1
August	332	2	379	1
September	331	2	382	1
October	335	2	388	1
November	345	2	402	1
December	342	2	386	1
Averages	329	1	375	1
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments	329	1	375	1

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	—	—	—	—	—	—
Nova Scotia	—	—	x	x	x	x
New Brunswick	—	—	—	—	—	—
Quebec	—	—	x	x	x	x
Ontario	—	—	206	206	—	206
Manitoba	—	—	x	x	x	x
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	x	x	x	x
British Columbia	—	—	x	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	870	870	10	880
Closing:						
Newfoundland	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	x	x	—	x
New Brunswick	—	—	—	—	—	—
Quebec	—	—	x	x	—	x
Ontario	—	—	297	297	—	297
Manitoba	—	—	x	x	—	x
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	x	x	—	x
British Columbia	—	—	x	x	—	x
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	1,132	1,132	—	1,132

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	2,780	1,076	14
(b) Imported	"	1,987	1,587	24
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	452	6	-
Lignite coal	"	-	-	-
Coke	"	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	653,053	747,143	241
Fuel oil including kerosene or coal oil	"	2,032,797	2,123,695	178
Wood	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	63,157	1,528	1
(b) Other manufactured gas	M cu. ft.	-	-	-
(c) Natural gas	"	66,965	114,581	68
Other fuel .....		...	...	-
Electricity purchased	kwh.	12,064,540	10,893,713	164
Steam purchased .....		...	...	69
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity		49	...	68
3. All establishments:				
Total fuel and electricity used		710	...	827

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Animal oil and fats, all kinds	86,219,356	2,656	104,462,431	3,515
Bones, dried and green	127,830,586	1,633	156,201,664	2,538
Tankage and offal	30,889,527	171	67,794,796	441
All other materials and components used ¹ .....	...	884	...	1,216
2. Containers and other packaging materials and supplies used .....	...	104	...	148
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	281	...	272
4. Amount paid out to others for work done on materials owned by establishments .....	...	12	...	-
Totals .....	...	5,741	...	8,130

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$365,595 in 1963 and \$417,746 in 1964.

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

Description	1963		1964	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Tankage, raw	lb. 32,985,384	1,458	40,198,419	1,370
Tankage, processed (bone and meat meal)	" 55,414,643	2,958	89,899,941	4,872
Tallow and grease	" 115,844,350	7,583	131,039,861	10,253
Hides and skins	No. 1	1	25,944	31
All other products .....	...	1,075	...	1,218
2. Amount received in payment for work done on materials and products owned by others .....	...	-	...	-
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(65)	...	(63)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	13,009	...	17,560

¹ Included with "All other products".

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
Nova Scotia:	
Maritime Processing Co. Ltd.	Truro
Quebec:	
Charron, G. & G.	St-Paul L'Ermite
Gentilly Rendering Inc.	Gentilly, Co. Nicolet
Laurentide Rendering Inc.	Ste-Scholastique
Longueuil Meat Exporting Co. Ltd.	Rivière-des-Prairies
Ontario:	
Banner Rendering & Packing Co. Ltd.	100 Glen Scarlett Rd., Toronto
Dundas Valley Food Products Ltd.	# 5 Highway, Dundas
Darling & Co. of Canada Ltd.	Park & Whitehall Sts., Chatham
Ontario Rendering Co. Ltd.	# 5 Highway, West Flamboro
Rowan Bros.	1 Market St., Toronto
St. Lawrence Rendering Co. Ltd.	Cornwall
Young, Gordon Ltd.	554 Lakeshore Blvd., Toronto
Young, Gordon (Elmira) Ltd.	R.R. # 2, Elmira
Manitoba:	
Young, Gordon Ltd.	607 Dawson Rd., St. Boniface
Alberta:	
Alberta Processing Co.	Ogden
Edmonton Rendering Co. Ltd.	6121-129th Ave., Edmonton
British Columbia:	
Island Processing Ltd.	Westholme
Young, Gordon (B.C.) Ltd.	470 Kent Ave., Vancouver

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

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