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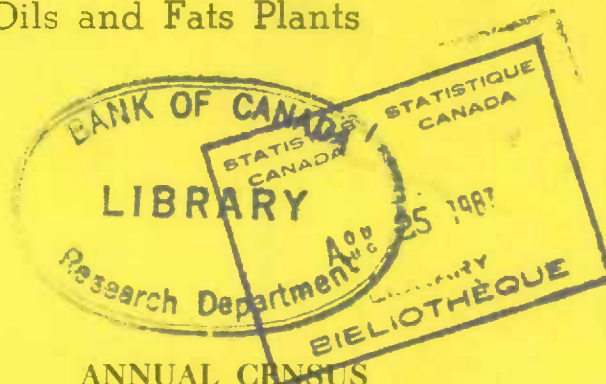


SLAUGHTERING AND MEAT PROCESSORS

1963

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

Industry Division

SLAUGHTERING AND MEAT PROCESSORS

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OF MANUFACTURES

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PUBLICATIONS

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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 Definitions and Concepts (page 3, para 7 a) 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.
- * revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

SECTION I

SLAUGHTERING AND MEAT PACKING PLANTS

TABLE 1 A. Principal Statistics classified by Province, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'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													
Newfoundland	2	721	1,535	2,869	302	26,189	32,903	6,352	4	18	972	4,027	7,144
Prince Edward Island	2												
Nova Scotia	4												
New Brunswick	6												
Quebec	85	4,060	8,641	16,959	1,643	193,332	240,962	46,650	40	131	5,915	26,510	48,649
Ontario	80	7,029	15,416	31,194	2,696	338,166	413,208	73,250	44	175	9,365	43,256	74,492
Manitoba	12	1,954	3,982	9,053	698	97,715	120,047	20,464	3	10	2,662	12,798	21,485
Saskatchewan	10	1,053	2,241	4,979	351	45,097	55,045	9,553					
Alberta	26	3,127	6,517	14,251	800	192,571	225,912	31,918					
British Columbia	22	903	1,861	4,214	308	44,626	53,938	8,634	10	24	1,234	6,167	9,676
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
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	185,956	233,324	46,719	35	122	5,552	25,092	48,883
Ontario	83	7,264	15,912	33,009	2,605	345,775	421,229	73,231	44	150	9,569	45,122	74,565
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	1,016	2,106	4,826	346	43,435	52,960	9,160	x	x	1,330	6,421	9,768
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	9,645	7	22	1,234	6,256	10,983
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

TABLE 1B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	14	11	24	33	5	89	189	82	11	22	13	37	86
\$ 10,000 to \$ 24,999	11	18	35	55	10	300	442	136	9	25	27	69	145
25,000 " 49,999	16	29	55	89	13	900	1,140	237	24	60	39	119	263
50,000 " 99,999	25	116	231	396	57	2,915	3,796	871	19	68	141	477	897
100,000 " 199,999	45	303	593	1,021	211	11,457	14,556	2,982	25	98	398	1,348	3,091
200,000 " 499,999	36	662	1,433	2,228	360	20,173	26,679	6,127	8	43	905	3,348	6,331
500,000 " 999,999	51	1,942	4,294	7,100	877	100,008	120,908	20,111	11	74	2,672	10,530	20,814
1,000,000 " 4,999,999	51	15,766	33,528	72,594	5,266	801,853	974,306	166,275	-	-	21,628	104,058	173,586
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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

TABLE 1C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	21	21	41	60	10	581	726	120	20	47	28	71	131
\$ 10,000 to \$ 24,999	37	90	182	274	50	4,464	5,161	650	39	114	110	324	719
25,000 " 49,999	32	143	267	407	78	8,066	9,262	1,157	19	88	197	587	1,176
50,000 " 99,999	32	313	654	927	171	19,734	21,927	2,268	14	51	443	1,309	2,438
100,000 " 199,999	32	482	1,031	1,593	292	24,923	29,607	4,432	9	63	633	2,237	4,489
200,000 " 499,999	31	975	2,086	3,617	458	62,835	73,340	10,172	6	26	1,403	5,713	10,947
500,000 " 999,999	18	1,313	2,999	5,061	669	66,610	80,037	12,822	-	-	1,852	7,829	13,439
1,000,000 " 4,999,999	39	8,970	18,914	40,488	2,642	429,950	526,714	92,673	-	-	12,160	57,674	96,737
5,000,000 and over	7	6,540	14,018	31,090	2,429	320,530	395,240	72,526	-	-	8,997	44,243	75,136
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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	86,326
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

TABLE 1D. Principal Statistics classified by Size Groups based on Total Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	20	20	39	57	9	540	677	113	19	44	27	68	121
\$ 10,000 to \$ 24,999	33	66	136	214	41	3,539	4,118	546	36	103	82	248	574
25,000 " 49,999	37	168	315	469	88	9,033	10,355	1,269	23	103	226	665	1,330
50,000 " 99,999	29	237	485	719	145	14,896	16,992	2,007	15	59	323	1,005	2,086
100,000 " 199,999	35	558	1,200	1,801	318	29,762	34,542	4,693	8	55	753	2,542	4,841
200,000 " 499,999	30	894	1,922	3,309	424	60,206	70,452	9,925	6	26	1,285	5,236	10,028
500,000 " 999,999	18	1,278	2,862	4,805	662	63,578	76,476	12,257	—	—	1,774	7,207	12,920
1,000,000 " 4,999,999	38	8,171	17,325	36,621	2,417	388,958	475,559	83,926	—	—	11,057	52,407	87,943
5,000,000 and over	9	7,455	15,908	35,521	2,696	367,183	452,845	82,085	—	—	10,296	50,608	85,368
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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	—	—	1,646	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	91,954
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

TABLE 1E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under 5 employed.....	58	87	171	264	54	6,186	7,194	945	59	160	108	311	995
5- 14 employed.....	65	395	795	1,234	292	23,791	27,898	3,978	41	198	520	1,674	4,075
15- 49 "	50	970	2,101	3,311	469	63,954	75,171	10,597	3	12	1,353	5,097	10,773
50- 99 "	24	1,131	2,483	4,135	504	73,062	88,322	15,261	4	19	1,564	6,358	15,445
100-199 "	18	1,841	4,058	7,375	894	89,390	108,918	18,755	—	—	2,591	11,138	20,197
200-499 "	19	4,337	9,059	19,891	1,254	205,645	248,501	41,424	—	—	5,852	28,196	43,246
500 employed and over.....	15	10,086	21,525	47,306	3,331	475,667	586,010	105,861	—	—	13,835	67,215	110,479
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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	111,344
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

TABLE 1F. Principal Statistics classified by Type of Organization, 1962 and 1963

Type of organization	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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	Nn.		'000			\$'000				\$'000		\$'000	
1962													
Individual ownerships	52	159	322	466	145	9,509	11,059	1,510	51	181	185	535	1,616
Partnerships	24	133	275	387	100	8,201	9,694	1,380	56	207	153	446	1,396
Incorporated companies	169	18,115	38,625	80,949	6,314	899,561	1,096,882	190,419	...	...	24,866	116,619	198,578
Cooperatives	4	440	971	1,714	240	20,423	24,381	3,512	...	...	619	2,387	3,621
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
Individual ownerships	56	149	305	464	127	9,437	10,967	1,416	55	200	183	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
Cooperatives	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	6,646	939,921	1,142,317	199,374	101	353	25,548	120,880	207,661

TABLE 2. Industry Output, Input and Value Added, 1962 and 1963

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
\$'000						
Output						
1. Shipments and other revenue	1,142,015	1,142,317	86,112	89,879	1,228,127	1,232,196
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	-	-	...	...	-	-
Finished goods	47,197	48,920	...	...	47,197	48,920
Less opening - Goods in process .....	-	-	...	...	-	-
Finished goods	47,898	45,305	...	...	47,898	45,305
2. Net inventory change	(701)	3,615	...	...	(701)	3,615
3. Gross output (1+2)	1,141,314	1,145,932	86,112	89,879	1,227,426	1,235,811
Input						
4. Purchases of goods not of own manufacture .....	...	...	75,499	79,921	75,499	79,921
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	4,340	3,772	4,340	3,772
Less closing .....	...	...	4,289	4,194	4,289	4,194
5. Cost of goods sold (not of own manufacture) .....	...	...	75,550	79,499	75,550	79,499
6. Materials, supplies, components and semi-processed goods	937,694	939,921	2,171	2,092	939,865	942,013
7. Fuel and electricity	6,798	6,636	...	...	6,798	6,636
8. Gross input (5+6+7)	944,492	946,557	77,721	81,591	1,022,213	1,028,148
Census value added (3-8)	196,821	199,374	8,390	8,288	205,211	207,661

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total salaries and wages
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1962															
Newfoundland	568	153	16	—	127	34	72	2	783	189	2,870	70	771	315	4,027
Prince Edward Island															
Nova Scotia															
New Brunswick															
Quebec	3,416	644	3	7	850	229	746	20	5,015	900	16,959	30	6,020	3,502	26,510
Ontario	5,457	1,572	4	—	1,031	513	784	4	7,276	2,089	31,194	27	7,886	4,149	43,256
Manitoba	1,687	267	7	11	478	104	106	2	2,278	384	9,050	71	3,091	585	12,798
Saskatchewan	847	206	—	—	148	47	97	22	1,092	275	4,979	—	1,096	592	6,667
Alberta	2,534	593	108	2	592	201	272	6	3,506	802	14,251	506	4,268	1,538	20,563
British Columbia	716	187	—	—	168	57	105	1	989	245	4,214	—	1,264	689	6,167
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	15,225	3,622	138	20	3,394	1,185	2,182	57	20,939	4,884	83,516	703	24,396	11,372	119,987
1963															
Newfoundland	568	150	12	—	144	39	79	1	803	190	2,835	70	830	345	4,080
Prince Edward Island															
Nova Scotia															
New Brunswick															
Quebec	3,345	542	—	—	766	203	676	20	4,787	765	16,760	—	5,195	3,136	25,091
Ontario	5,701	1,563	8	—	1,017	525	742	13	7,468	2,101	33,009	31	7,904	4,178	45,111
Manitoba	1,642	254	9	11	436	103	108	—	2,195	368	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

TABLE 3 A. Production and Related Workers, — Manufacturing Activity, by Months, 1962 and 1963

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	14,525	3,316	14,258	3,087
February	14,319	3,291	14,229	3,059
March	14,463	3,378	14,458	3,134
April	14,676	3,487	14,565	3,183
May	14,879	3,803	15,016	3,555
June	15,147	3,994	15,303	3,799
July	15,358	3,995	15,500	3,888
August	15,311	3,847	15,452	3,718
September	14,907	3,583	15,259	3,519
October	15,120	3,517	15,248	3,403
November	15,017	3,393	15,115	3,347
December	14,422	3,214	14,693	3,124
Average for establishments reporting monthly detail (collected only for large establishments) ..	14,849	3,573	14,928	3,407
Average for small establishments (only annual averages collected)	376	49	436	46
Average for all establishments	15,225	3,622	15,364	3,455

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories	
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale		
book value \$'000							
Opening:							
Newfoundland	}	—	—	1,463	1,463	274	1,737
Prince Edward Island							
Nova Scotia							
New Brunswick							
Quebec	—	—	10,546	10,546	644	11,190	
Ontario	—	—	17,312	17,312	1,148	18,461	
Manitoba	—	—	4,402	4,402	614	5,016	
Saskatchewan	—	—	2,540	2,540	385	2,924	
Alberta	—	—	6,943	6,943	515	7,458	
British Columbia	—	—	2,100	2,100	193	2,292	
Yukon and Northwest Territories	—	—	—	—	—	—	
Totals	—	—	45,305	45,305	3,772	49,078	
Closing:							
Newfoundland	}	—	—	1,614	1,614	226	1,840
Prince Edward Island							
Nova Scotia							
New Brunswick							
Quebec	—	—	11,468	11,468	673	12,141	
Ontario	—	—	17,694	17,694	1,265	18,959	
Manitoba	—	—	4,826	4,826	807	5,633	
Saskatchewan	—	—	2,521	2,521	334	2,855	
Alberta	—	—	8,246	8,246	515	8,761	
British Columbia	—	—	2,552	2,552	375	2,927	
Yukon and Northwest Territories	—	—	—	—	—	—	
Totals	—	—	48,920	48,920	4,194	53,114	

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	1,026	18	27
(b) Imported	"	24,827	284	156
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	-	1,320	28
Lignite coal	"	35,528	155	28
Coke	"	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	2,941,439	1,000	949
Fuel oil including kerosene or coal oil	"	12,275,433	1,042	1,115
Wood	cord	733	7	6
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	206,754	60	58
(b) Other manufactured gas	M cu.ft.	5,921	6	4
(c) Natural gas	"	4,060,620	1,306	1,380
Other fuel .....		...	8	10
Electricity purchased	kwh.	281,651,390	2,568	2,515
Steam purchased .....		...	82	100
2. Estimate for small establishments:				
Fuel and electricity .....		...	265	262
3. All establishments:				
Total fuel and electricity used .....		...	6,798	6,636

TABLE 6. Materials and Supplies — Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Cattle slaughtered	954,556,818	371,591	1,008,694,752	383,347
Sheep and lambs, slaughtered	24,740,874	8,831	23,430,249	9,083
Hogs, slaughtered	980,557,651	265,841	965,172,173	258,532
Calves, slaughtered	86,399,642	34,087	80,503,675	31,501
Other animals slaughtered	18,606,635	2,066	21,976,662	2,557
Poultry killed	23,114,434	7,199	26,958,900	7,240
Dressed meats, fresh or partially processed, including poultry	403,480,727	143,321	428,125,415	140,868
Vegetable oils, crude:				
Coconut oil	17,835,125	..	16,600,120	..
Cottonseed oil	25,469,559	..	34,231,604	..
Palm oil	12,973,464	..	7,182,636	..
Peanut oil	6,204,364	..	6,091,107	..
Rapeseed oil	19,475,134	..	17,143,802	..
Soya-bean oil	48,092,080	..	37,766,001	..
Other vegetable oils	3,519,595	..	5,453,550	..
Vegetable oils (refined)	5,075,015	..	932,040	..
Total vegetable oils	138,644,336	17,879	125,400,860	16,026
Animal oils and fats	76,533,576	6,514	104,932,858	7,123
Marine oils	45,020,613	3,324	31,118,121	3,152
Cheese	5,584,901	1,897	5,537,659	2,041
Flour	9,922,062	768	6,982,267	423
Seasonings (pepper, spices, etc.) .....	..	2,755	..	2,994
Salt	112,485,765	1,065	111,244,368	1,048
Sugar	10,372,617	808	4,740,446	605
Sausage casings, natural .....	..	4,098	..	3,540
Sausage casings, synthetic .....	..	4,152	..	4,715
Vegetables .....	..	233	..	153
All other materials and components used ¹ .....	..	23,231	..	25,324
2. Containers and other packaging materials and supplies used .....	..	30,928	..	32,156
3. Operating, maintenance and repair supplies used (excluding fuel) .....	..	5,942	..	6,413
4. Amount paid out to others for work done on materials owned by establishments .....	..	1,164	..	1,080
Totals .....	..	937,694	..	939,921

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$15,132,653 in 1962 and \$16,955,781 in 1963.

TABLE 6A. Number and Cost of Principal Animals Slaughtered by Slaughtering and Meat Processors 1937-63

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	3,793,478	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 6A. Number and Cost of Principal Animals Slaughtered by Slaughtering and Meat Processors 1937-63 - 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	717,490	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

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
	lb.	\$'000	lb.	\$'000
1. Products:				
Meats sold fresh and fresh-frozen:				
Beef	975,697,897	410,475	1,033,831,948	427,648
Mutton and lamb	35,845,977	13,999	34,382,200	13,672
Pork	484,482,071	183,837	479,849,338	180,612
Veal	81,755,995	36,290	76,131,664	34,812
Other meats, fancy meats, and offal	141,645,755	37,555	144,656,791	40,173
Totals, fresh and frozen meats	1,719,427,695	682,155	1,768,851,941	696,917
Poultry sold fresh and fresh-frozen	53,417,599	21,155	56,056,654	22,687
Cured and smoked meats:				
Beef, salted or cured	9,936,566	..	8,509,073	..
Pork, salted or cured (n.o.p.)	27,912,375	..	24,687,801	..
Bone-in hams, uncooked	17,668,251	..	19,037,333	..
Bone-in hams, cooked	22,134,360	..	22,925,901	..
Boneless hams, uncooked	15,562,004	..	16,987,583	..
Boneless hams, cooked	16,623,357	..	15,555,323	..
Side bacon, sliced	58,172,614	..	63,958,718	..
Side bacon, (piece) unsliced	34,229,272	..	30,490,265	..
Back bacon, sliced	8,453,918	..	7,444,541	..
Back bacon, (piece) unsliced (including artificial casing)	8,364,194	..	7,501,005	..
Picnics	27,200,018	..	29,758,813	..
Cottage rolls and butts	26,657,351	..	26,414,148	..
Other smoked meat items	10,473,934	..	17,468,944	..
Totals, cured and smoked meats	283,388,214	159,694	290,739,478	158,473
Sausage and cooked meats (including loaves and jellied meats but excluding hamburger, ground beef and chopped-suet):				
Fresh sausage, pure pork	34,064,957	14,900	31,014,256	13,847
Fresh sausage, other	16,945,478	6,539	19,486,931	7,607
Bologna	74,089,594	21,939	75,951,082	21,753
Wieners and frankfurters	87,344,485	32,650	87,707,653	33,065
Salami	6,389,391	4,202	4,528,377	2,912
Blood pudding	1,579,474	429	1,428,414	421
Sausage casings .....	..	5,205	..	4,586
Boiled ham, cooked	18,615,724	16,748	18,159,862	16,416
Other sausage and cooked meats	57,194,679	29,267	56,000,426	28,901
Totals, sausage and cooked meats	296,223,782	131,880	294,277,001	129,508

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963 - Concluded

Description	1962		1963	
	Quantity	Value	Quantity	Value
	lb.	\$'000	lb.	\$'000
1. Products - Concluded:				
Canned meats, all kinds (including poultry)	67,463,096	33,238	68,517,745	34,386
Lard	110,556,682	16,336	110,712,490	16,509
Animal oils and fats:				
Greases	2,696,908	124	2,385,887	110
Neatsfoot oil	383,275	63	396,120	65
Tallow, edible	28,404,216	2,916	34,610,667	3,391
Tallow, inedible	101,641,651	6,240	102,646,577	5,830
Other animal oils and fats	5,609,439	737	9,564,620	1,034
Animal foods:				
Cat foods	4,268,466	661	3,526,661	3,140
Dog foods	27,563,630	2,581	6,459,217	355
Fox foods	7,836,723	522	828,249	44
Mink foods	801,193	61	43,875,930	2,659
Other animal foods	15,911,251	823		
Tankage, primary:				
Bones, edible	919,825	17	271,682	7
Bones, inedible	31,307,234	437	16,953,860	309
Bones, green	11,420,054	211	12,161,360	229
Dried blood, edible and inedible	11,116,433	676	13,920,782	861
Hooves and horns	1,148,132	12	1,109,168	14
Tankage, dry rendered	59,139,102	2,594	75,485,735	3,412
Tankage, wet rendered	4,415,598	39	5,299,038	74
Tankage, other	20,134,590	752	29,024,533	847
Tankage, secondary:				
Blood meal	7,317,641	381	8,616,354	458
Bone flour and bone meal	3,598,617	113	4,541,435	164
Meat meal	72,173,536	3,296	70,276,567	3,545
Feeding tankage	7,683,914	286	8,697,717	436
Tanking, other	2,977,610	140		
Cattle hides	No. 1,912,366	16,552	1,940,414	12,529
Horse hides	" 27,919	235	"	"
Sheep skins	" 565,818	1,037	523,056	1,091
Calf skins	" 565,786	3,628	521,530	2,199
Hair and bristles:				
Cattle tail hair	192,438	33	128,741	30
Coil-dried and processed hog hair	254,943	27	"	"
Other hair and bristles	82,343	23	516,657	74
All other products .....	...	60,574	...	50,292
2. Amount received in payment for work done on materials and products owned by others .....	...	3,244	...	3,099
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(11,478)	...	(12,421)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	1,142,015	...	1,142,317

¹ Included in "Other Animal foods".

² Included in "All other products".

³ Included in "Other hair and bristles".

TABLE 8. Shipments of Selected Goods of Own Manufacture - All Industries, 1962 and 1963^P
(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

Description	1962		1963	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
Margarine	188,900,507	40,817	189,391,641	37,511
Shortening:				
Containing some animal fat	87,902,554	17,951	106,943,879	20,316
Containing some marine oils	16,636,904	3,158		
Wholly vegetable	99,716,618	21,338		
Refined oils:				
Coconut	18,087,831	2,824	17,063,696	2,673
Cottonseed	20,896,716	3,956	22,792,759	3,967
Peanut	4,190,413	1,095	7,347,255	1,623
Rapeseed	8,772,982	1,215	11,478,223	1,850
Soya-bean	51,034,944	6,935	50,915,539	6,544
Other vegetable, n.e.s.	65,371,671	20,812	73,232,846	19,690
Animal, n.e.s.	1	1	1	1
Marine, n.e.s.	1	1	1	1
Other refined oils, n.e.s.	19,714,574	2,206	18,719,911	1,990

¹ Included with "Other refined oils, n.e.s.".

TABLE 9. Shipments of Selected Commodities, Slaughtering and Meat Packing Plants, 1942 - 63

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	210,629	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

¹ Prior to 1949 the figures represent production.

List of Establishments classified to This Industry, 1963

(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.	Kenmount Rd., St. John's
Peter Pan Sales Ltd.	Lime St., St. John's
Prince Edward Island:	
Canada Packers Ltd.	Grafton St., Charlottetown
Farm Enterprises Inc.	Green Rd., St. Eleanors
Ross, Donald J.	Lower Montague
Nova Scotia:	
Eastern Meat Packers Ltd.	Power House Rd., Trenton
Larsen Packers Ltd.	Main St., Berwick
McDonald, Wm.	512 Esplanade, Sydney
N.S. Co-operative Abattoir Ltd.	N. Barrington St., Halifax
New Brunswick:	
Canada Packers Ltd.	Thorne Ave., Saint John
Mackay, Fred	Kreswick Ridge
Northern Meat Packers Ltd.	17 Matheson St., Campbellton
Salaision Gauvin Ltée	Paquetville
Swift Canadian Co. Ltd.	Albert St. Extension, Moncton
Taylor, G.B.	220 Bridge St., Saint John
Quebec:	
Abattoir Champlain Enr.	Champlain
Abattoir Côté & Fils Inc.	Stroke Centre
Abattoir de l'Isle-Verte	Isle-Verte, Cté Rivière-du-Loup
Abattoir Desrochers Ltée	St-Esprit
Abattoir D.G.L. Inc.	R.R. 1 Omerville
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 Poirier & Frères Inc.	Ste-Clothilde
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
Alarie & Frères	Ste-Mélanie
Arnold Farm Ltd.	Grenville
Blanchette, Julien	Ste-Madeleine
Bourassa Ltée, Noé	5500, Côte-de-Liesse, Ville Mont-Royal
Brasseur, J. M.	Upton, Cté Bagot

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Québec - Concluded:	
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 Familiale Enr.	Loretteville
Coors & Sons, Ltd., S.	4955 Courtrai, Montreal
Cordon Bleu Ltée	4351, rue Iherville, Montreal
Côté & Frère Inc.	R.R. 3, Acton Vale
Courmoyer, Albert	Upton, Cte Bagot
Couture, Gilles	Ste-Cécile Milton, Cte Shefford
Dante Food Products Ltd.	6786 St. Laurent Blvd., Montreal
Demers Inc., Gérard	St-Pierre-les-Becquets
Demers Inc., Jean	Gentilly
Diamond, G.	St-Barnabé-Nord, Cte St-Maurice
Drach's Food Products Ltd.	1205 Van Horne Ave., Outremont
Eastern Abattoirs 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
Giroux & Frères	Chemin St-Michel, Sherbrooke
Herbert, L. G. & Fils Ltée	Ste-Hélène
Hoffner's Food Products Inc.	415 Bonsecours St., Montreal
Johnson, Charles-Henri	Deschambault
La Bonne Menagère Ltée	182, Est Notre-Dame, Victoriaville
Lafleur Ltée, Alphonse	350-5e rue, Québec
Laplante, Jean-Marie	St-Valérien
Lavoie & Fils Ltée, A.	Rang St-Jean-Baptiste, Chicoutimi
Leblanc & Poliquin	Bécancour, Cte Nicolet
Legrade Inc.	Rue d'Estimauville, Québec
Legrade Inc.	4363, rue Frontenac, Montreal
Legrade Inc.	200, rue St-François-Xavier, Princeville
Lester's Assorted Smoked Meats	3558 Colonial Ave., Montreal
McGarry & Co. Ltd.	708 St. Paul W., Montreal
Marché de Québec, Inc.	342-1ère Avenue, Québec
Melrose Packers Corp.	236 Mt. Royal St. E., Montreal
Messier W.	St-Germain
Modern & Dominion Packers Ltd.	4670 Iherville 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 Enr., 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 & Frères Inc., Henri	Rue Principale, St-Anselme-Station
St-Jean & Fils Inc., H.	1357, rue St-Pierre, La Providence
Salaison Acton Enr.	R.R. 3, Acton Vale
Salaison Brissin Inc., La	122, rue Ferland, Nicolet
Salaison Idéale Ltée	Lac Mégantic, Cte Frontenac
Salaison Maisonneuve Ltée	1420, Avenue Lasalle, Montreal
Salaison St-Jérôme Ltée	660 Trudel, St-Jérôme
Salamico Co. Ltd.	385 St-Eustache St., St-Eustache
Skeena Enr.	84-101e Ave. N., Sherbrooke
Société Française de Spécialités Alimentaires Ltée	5105 Côte-de-Liesse Rd., St-Laurent
Standard Smoked Meats Ltd.	4445 Iherville 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
Brantford Packers Ltd.	543 Greenwich St., Brantford
Brenner Packers Ltd.	497 Cataragui St., Windsor
Bruce Packers Ltd.	R.R. 3, Paisley
Burns & Company (Eastern) 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
Carey Bros. Packers Ltd.	Waterdown
Castaldi, Louis A.	R.R. 6, Wallaceburg
Coleman Packing Co. Ltd.	500 First St., London
Cole, Lorne	R.R. 1, Hilton
Courtland Packers Co.	Box 40, Courtland
Corp Meat Packers Ltd.	2 Tecumseth St., Toronto
Crabtree Meat Packers Ltd.	416 McArthur Rd., Ottawa
Darlington Abattoir	Hampton
Dougherty's Meats	Allanburg
Essex Packers Ltd.	Wentworth St. N., Hamilton
Essex Packers Ltd.	875 Mercer St., Windsor
Essex Packers Ltd.	226 Merritt St., Merriton

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Ontario - Continued:	
Fearman Co. Ltd., F.W.	821 Appleby Line, Burlington
First Co-operative Packers of Ontario Ltd., The	272 Innisfil St., Barrie
Fretz Bros.	R.R. 3, Claremont
Globe Meat Packers Ltd.	2 Tecumseth St., Toronto
Gourmet Meats Ltd.	734 Rennie St., Hamilton
Gross & Sons, Morris	388 Clinton St., Toronto
Halton Dressed Meats Ltd.	Esquesing
Herz Food Manufacturing Co. Ltd.	129 Belfield Rd., Toronto
Highland Packers Ltd.	R.R. 1., Vinemount
Hoffman & Sons Ltd., Phillip	352 Maple Ave. W., Toronto
Hunnissett Ltd., Frank (c/o Canada Packers Ltd.)	2306 St. Clair Ave. W., Toronto
Kitchener Packers Co. Ltd.	210 Springvalley Rd., Kitchener
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
Meldrum Company	14 Vancouver Ave., Toronto
Metropolitan Meat Packers Ltd.	1 Glen Scarlett Rd., Toronto
Morrison Meat Packers Ltd.	R.R. 1, Galt
Niagara Sausage & Meat Products Ltd.	R.R. 4., Welland
Northern Meat Packers	305 Arnold St., Kitchener
Ontario Reformatory, The	Guelph
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.	R.R. 1, Hannon
Plave Meat Packers	2 Tecumseth St., Toronto
Pic-Freez Rabbit Industries Ltd.	Cherry Valley
Pill, A.	R.R. 3, Norman
Presswood Bros. Ltd.	30 Maybank Ave., Toronto
Prime Packers Ltd.	99 Ryding Ave., Toronto
Primrose Meat Products Ltd.	1893 Matlawa Ave., Summerville
Quality Meat Packers	2 Tecumseth, Toronto
Reist & Son, Noah	St. Jacobs
St. George Abattoir	St. George
Schneider, Ltd., J.M.	321 Courtland Ave. E., Kitchener
Solder, Harold	R.R. 2, Breslau
Star Brand Meat Packers	R.R. 2., Binbrook
Stirling Packers Ltd.	2255 St. Clair Ave. W., Toronto
Stratford Packers Ltd.	96 Downe St., Stratford
Swift Canadian Co. Ltd.	1960 St. Clair Ave. W., Toronto
Tasty Chip Steak Products Ltd.	71 Strachan Ave., Toronto
Tenderline Meat Packers	Mt. Forest
Timmins Packers Ltd.	Preston St. S., Timmins
Top's Continental Meat Products	1846 Burlington St. E., Hamilton
Toronto Abattoirs Ltd.	2 Tecumseth St., Toronto
Triangle Food Products Ltd.	503 Parliament St., Toronto
Twin City Abattoir	822 McLaughlin St., Fort William
United Countries Butcher Service	Clifton Rd., Port Hope
United Kosher Beef Products	671 Richmond St. W., Toronto
Vaunclair Purveyors Ltd.	50 Upjohn Rd., Don Mills
Vesuvio Cured Meats	116 Wellington St. N., Hamilton
Viking Meat & Sausage Co.	10 Willison Sq., Toronto
Whyte Packing Co. Ltd.	78 Whyte Ave., Stratford
Warton Abattoir	R.R. 1, Warton
Wilson's Abattoir	427 Green St., Whithy
Windsor Packing Co. Ltd.	Tecumseth & Wellington Sts., Windsor
York Packing Co. Ltd.	104 Trowell Ave., Toronto
Manitoba:	
Bergman Meat Products	Hwy 12, Blumenort
Burns & Co. Ltd.	1010 Logan Ave. W., Winnipeg
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
Halperin Wholesale Meats Ltd.	341 Dupuy St., St. Boniface
Kosher Meat Canning Co. Ltd.	358 Flora Ave., Winnipeg
Public Abattoir Ltd.	341 Dupuy St., St. Boniface
St. Boniface Abattoir Ltd.	346 Dupuy St., St. Boniface
Sandy Lake Locker Plant	Sandy Lake
Swift Canadian Co. Ltd.	Archibald St., St. Boniface
Winnipeg Beef Co. Ltd.	346 Dupuy St., St. Boniface
Saskatchewan:	
Burns and Co. Ltd.	15th St. E., Prince Albert
Burns and Co. Ltd.	Winnipeg St., Regina
Canada Packers Ltd.	601 Home St. W., Moose Jaw
Empire Meat Co. Ltd.	2821 - 11th St. W., Saskatoon
Holmes Ltd.	Swift Current
Intercontinental Packers Ltd.	1773 Reynolds St., Regina
Intercontinental Packers Ltd.	11th St. W., Saskatoon
Mid-West Packers Ltd.	386 - 8th Ave., Yorkton
Producers Abattoir	#1 Highway E., Regina
Treen's Packers Ltd.	South Railway St., Swift Current

List of Establishments classified to This Industry - Concluded

Name	Location
Alberta:	
Alberta Western Beef Co. Ltd.	821 Industrial Ave., Medicine Hat
Alsask Processors Ltd. (Division of the Quaker Oats Co. of Canada Ltd.)	5918-129 Ave., Edmonton
Burns and Co. Ltd.	Portland St., Calgary
Burns and Co. Ltd.	120th Ave., Edmonton
Calgary Packers Ltd. (Canada Packers Ltd.)	26th Ave. & 11th St. E., Calgary
Canada Packers Ltd.	Fort Rd. & 70th St., Edmonton
Canada Packers Ltd.	Lethbridge
Canadian Dressed Meats (Lethbridge) Ltd.	4141-1 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
Charles Slaughter Service	Stettler
City Packers Ltd.	Lethbridge
City Abattoir (Calgary) Ltd.	634-5th Ave. S.E., Calgary
County Abattoir	Box 513, Vulcan
Dvorkin Meat Packers Ltd.	4211 Portland St., Calgary
Gainer, Chester D.	52nd St. & 127th Ave., Edmonton
Gainers Ltd.	80th Ave. & 96th St., Edmonton
Hill, W.T. Farms Ltd.	Lethbridge
Intercontinental Packers Ltd.	Red Deer
Kroll's Meat Packing Plant	Brooks
Raab Meats Ltd.	9858-73rd Ave., Edmonton
St. Paul Packers & Processors Co. Ltd.	St. Paul
Swift Canadian Co. Ltd.	66th St., Edmonton
Taber Abattoir Ltd.	Taber
Union Packing Co. (Division of Swift Canadian Co. Ltd.)	Box 159, Calgary
Victoria Packers Ltd.	12130-68th St., Edmonton
British Columbia:	
Andy's Delicatessen	1080 Robson St., Vancouver
Bairds Curing Plant Ltd.	Box 19 Enderby
Cambie Stock Farms Ltd.	1710 Cambie Rd., Richmond
Canada Packers Ltd.	750 Terminal Ave., Vancouver
Clappison Packers Ltd.	River Road, Haney
Dunrovin Rabbits	16376-24th Ave., White Rock
Fletcher's Ltd.	8385 Frazer Ave., 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
Pacific Meat Co. Ltd.	8950 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
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	Salmon Arm
Weymouth Meat Co. Ltd.	Matsqui

SECTION II

SAUSAGE AND SAUSAGE CASING MANUFACTURERS

TABLE 1 A. Principal Statistics classified by Province, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	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	61	253	1, 696	6, 222	12, 489
1962													
Newfoundland	1	x	x	x	x	x	x	x	x	x	x	x	x
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	4	x	x	x	x	x	x	x	x	x	x	x	x
New Brunswick	1	x	x	x	x	x	x	x	x	x	x	x	x
Quebec	23	278	599	670	122	4, 753	6, 926	2, 110	19	102	365	1, 091	2, 152
Ontario	35	687	1, 444	2, 370	282	12, 388	20, 516	7, 838	31	121	964	3, 727	7, 934
Manitoba	6	145	341	496	41	3, 969	5, 565	1, 552	x	x	197	848	1, 563
Saskatchewan	2	x	x	x	x	x	x	x	-	-	x	x	x
Alberta	2	x	x	x	x	x	x	x	x	x	x	x	x
British Columbia	8	93	188	361	38	2, 562	3, 637	1, 043	x	x	148	675	1, 042
Yukon and Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-
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, 578	1, 343	x	x	191	906	1, 448
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, 458
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

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000										
1962													
Under \$10,000	4	2	6	6	1	43	60	15	4	8	2	6	15
\$ 10,000 to \$ 24,999	8	12	27	31	5	191	291	98	8	17	15	37	99
25,000 " 49,999	14	46	99	116	19	653	1,050	390	23	89	52	130	403
50,000 " 99,999	20	116	243	353	49	1,943	2,767	783	16	77	154	496	847
100,000 " 199,999	19	176	386	588	71	4,012	5,721	1,655	8	39	237	911	1,666
200,000 " 499,999	8	188	405	529	56	3,381	4,969	1,578	—	—	270	951	1,655
500,000 " 999,999	9	718	1,532	2,456	305	15,077	23,861	8,463	6	51	1,026	4,106	8,535
1,000,000 " 4,999,999													
5,000,000 and over	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222
1963													
Under \$10,000	3	—	1	1	—	8	14	6	3	4	—	1	6
\$ 10,000 to \$ 24,999	10	10	26	33	6	228	354	118	11	28	11	36	123
25,000 " 49,999	13	39	83	119	17	615	944	319	16	47	45	142	379
50,000 " 99,999	25	142	304	433	60	2,529	3,665	1,074	20	85	195	623	1,146
100,000 " 199,999	18	179	413	611	74	4,204	5,760	1,503	9	60	231	901	1,698
200,000 " 499,999	11	251	517	743	86	5,451	7,788	2,387	—	—	352	1,355	2,407
500,000 " 999,999	7	383	866	1,240	106	9,498	14,144	4,535	6	47	509	1,949	4,561
1,000,000 " 4,999,999	3	662	1,428	2,670	271	13,581	22,643	8,806	—	—	1,004	4,507	8,836
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

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000										
1962													
Under \$10,000	8	5	13	11	2	151	195	42	9	18	5	11	43
\$ 10,000 to \$ 24,999	17	44	96	130	17	1,032	1,363	323	22	75	52	150	341
25,000 " 49,999	22	132	282	388	55	2,356	3,285	878	16	78	173	529	933
50,000 " 99,999	12	100	221	333	48	1,732	2,687	902	12	59	136	492	913
100,000 " 199,999	11	207	443	583	61	3,852	5,474	1,617	—	—	286	1,029	1,705
200,000 " 499,999	8	240	509	721	107	6,093	8,675	2,497	6	51	355	1,339	2,539
500,000 " 999,999	4	530	1,135	1,912	217	10,083	17,040	6,723	—	—	749	3,085	6,748
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222
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

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	8	5	13	11	2	151	195	42	9	18	5	11	43
\$ 10,000 to \$ 24,999	16	38	83	107	15	944	1,250	300	20	69	46	127	303
25,000 " 49,999	20	114	243	351	47	2,147	2,980	771	18	84	149	466	809
50,000 " 99,999	15	124	273	394	57	2,029	3,106	1,033	12	59	166	478	1,074
100,000 " 199,999	10	172	353	466	51	3,270	4,723	1,463	—	—	236	854	1,498
200,000 " 499,999	9	275	599	837	117	6,675	9,427	2,651	6	51	405	1,514	2,746
500,000 " 999,999	4	530	1,135	1,912	217	10,083	17,040	6,723	—	—	749	3,085	6,748
1,000,000 " 4,999,999	—	—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222
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	6	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

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under 5 employed	19	18	42	45	13	633	907	269	26	77	21	51	273
5- 14 employed	39	236	516	716	99	4,421	6,355	1,831	32	148	311	1,004	1,903
15- 49 " "	17	321	679	941	110	7,305	10,665	3,357	x	x	462	1,735	3,385
50- 99 " "	7	683	1,461	2,376	283	12,939	20,791	7,524	x	x	962	3,845	7,660
100-199 " "													
200-499 " "													
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222
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	16,328	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

TABLE 1F. Principal Statistics classified by Type of Organization, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1962													
Individual ownerships	22	86	193	275	27	1,547	2,094	510	22	85	93	295	555
Partnerships	17	115	261	255	62	2,099	3,048	895	43	196	123	279	906
Incorporated companies	43	1,057	2,245	3,548	417	21,652	33,577	11,578	...	...	1,540	6,061	11,760
Cooperatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222
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
Cooperatives	-	-	-	-	-	-	-	-	-	-	-	-	-
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

TABLE 2. Industry Output, Input and Value Added, 1962 and 1963

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
	\$'000					
Output						
1. Shipments and other revenue	38,719	55,312	2,915	3,425	41,634	58,737
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	-	-	...	...	-	-
Finished goods	3,006	3,871	...	...	3,006	3,871
Less opening - Goods in process .....	-	-	...	...	-	-
Finished goods	2,937	3,701	...	...	2,937	3,701
2. Net inventory change	69	170	...	...	69	170
3. Gross output (1 + 2)	38,788	55,482	2,915	3,425	41,703	58,907
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,640	2,884	2,640	2,884
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	109	109	109	109
Less closing .....	...	...	83	128	83	128
5. Cost of goods sold (not of own manufacture) .....	...	...	2,666	2,865	2,666	2,865
6. Materials, supplies, components and semi-processed goods	25,299	36,115	10	151	25,309	36,266
7. Fuel and electricity	506	620	...	...	506	620
8. Gross input (5 + 6 + 7)	25,805	36,735	2,676	3,016	28,481	39,751
Census value added (3 - 8)	12,982	18,747	239	409	13,222	19,156

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total salaries and wages
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
number										\$'000					
1962															
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	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Quebec	175	103	—	—	32	11	44	—	251	114	670	—	224	196	1,091
Ontario	468	219	—	—	153	49	74	1	695	269	2,370	—	1,013	343	3,727
Manitoba	107	38	—	—	18	11	22	1	147	50	496	—	236	116	848
Saskatchewan	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
Alberta	x	x	—	—	x	x	x	x	x	x	x	—	x	x	x
British Columbia	57	36	—	—	10	10	26	9	93	55	361	—	142	172	675
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	840	418	—	—	217	87	178	16	1,235	521	4,078	—	1,664	893	6,636
1963															
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	—	—	—	—	—	—	—	—	—	—	x	—	—	—	x
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 Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	1,083	583	—	—	284	113	268	16	1,635	712	5,850	—	2,246	1,417	9,513

TABLE 3A. Production and Related Workers, — Manufacturing Activity, by Months, 1962 and 1963

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	753	388	980	539
February	761	394	993	550
March	765	395	996	540
April	776	398	1,006	549
May	800	427	1,055	618
June	832	465	1,066	634
July	827	464	1,085	634
August	804	430	1,067	544
September	767	395	1,019	556
October	768	384	1,009	577
November	777	386	1,020	566
December	789	368	1,044	540
Average for establishments reporting monthly detail (collected only for large establishments) ..	782	408	1,029	571
Average for small establishments (only annual averages collected)	58	10	54	12
Average for all establishments	840	418	1,083	583

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	—	—	x	x	x	x
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	x	x	x	x
New Brunswick	—	—	—	—	—	—
Quebec	—	—	1,138	1,138	53	1,191
Ontario	—	—	2,095	2,095	21	2,116
Manitoba	—	—	230	230	6	236
Saskatchewan	—	—	x	x	x	x
Alberta	—	—	18	18	—	18
British Columbia	—	—	141	141	5	146
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	3,701	3,701	109	3,811
Closing:						
Newfoundland	—	—	x	x	x	x
Prince Edward Island	—	—	—	—	—	—
Nova Scotia	—	—	x	x	x	x
New Brunswick	—	—	—	—	—	—
Quebec	—	—	1,157	1,157	69	1,226
Ontario	—	—	2,181	2,181	29	2,210
Manitoba	—	—	268	268	6	274
Saskatchewan	—	—	x	x	x	x
Alberta	—	—	17	17	—	17
British Columbia	—	—	174	174	3	177
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	3,871	3,871	128	3,999

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	146	2	—
(b) Imported	"	—	—	—
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	5,783	72	6,335
Lignite coal	"	—	—	82
Coke	"	12	1	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	340,725	125	419,002
Fuel oil including kerosene or coal oil	"	262,674	43	154
Wood	cord	178	3	55
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	37,817	9	2
(b) Other manufactured gas	M cu.ft.	—	—	6
(c) Natural gas	"	62,356	48	72,223
Other fuel .....		...	1	61
Electricity purchased	kwh.	16,376,006	175	2
Steam purchased .....		...	1	232
2. Estimate for small establishments:				
Fuel and electricity .....		...	26	...
3. All establishments:				
Total fuel and electricity used .....		...	506	...
				620

TABLE 6. Materials and Supplies - Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Meat	50, 171, 125	15, 626	69, 945, 797	21, 379
Flour	1, 653, 255	150	1, 827, 197	183
Seasonings (Pepper, spice, etc.) .....	...	581	...	701
Salt	4, 572, 305	71	3, 809, 300	49
Sugar	258, 410	25	445, 605	61
Sausage casings:				
Natural, not cleaned .....	...	460	...	332
Natural, cleaned .....	...	754	...	3, 278
Synthetic .....	...	571	...	817
Vegetables .....	...	205	...	238
All other materials and components used ¹ .....	...	4, 280	...	4, 953
2. Containers and other packaging materials and supplies used .....	...	1, 150	...	1, 900
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	1, 383	...	2, 089
4. Amount paid out to others for work done on materials owned by establishments .....	...	43	...	136
Totals .....	...	25, 299	...	36, 115

¹ No detailed information on materials used was collected from small establishments; the estimated cost for which are included here. Taxes assigned costs were \$1,096,772 in 1962 and \$1,210,547 in 1963.

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
	lbs.	\$'000	lbs.	\$'000
1. Products:				
Meats; fresh and frozen	5, 538, 111	2, 353	4, 874, 885	2, 299
Poultry; fresh and frozen	124, 926	56	315, 000	135
Cured and smoked meats	4, 214, 471	2, 997	6, 264, 378	5, 104
Fresh sausages, pure pork	5, 625, 903	2, 391	5, 682, 329	2, 586
Fresh sausage, other	9, 191, 498	4, 211	9, 327, 689	4, 613
Bologna	10, 648, 955	3, 097	11, 841, 895	4, 096
Wieners and frankfurters	11, 048, 826	4, 263	17, 855, 812	7, 162
Salami	4, 011, 865	2, 730	6, 610, 584	4, 482
Blood pudding	2, 082, 459	615	2, 277, 154	595
Sausage casings, natural and synthetic .....	...	6, 029	...	10, 817
Boiled ham, cooked	715, 777	559	1, 065, 169	828
Other sausage and cooked meats	8, 759, 702	5, 281	11, 072, 364	7, 574
All other products .....	...	4, 182	...	5, 118
2. Amount received in payment for work done on materials and products owned by others .....	...	2	...	6
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	...	(46)	...	(102)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	38, 719	...	55, 312

List of Establishments classified to This Industry, 1963

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

Name	Location
Newfoundland:	
Parsons & Sons, R.F.	St. John's
Nova Scotia:	
Dacre Brand Sausage Co.	Alexandra St., Sydney
Ideal Sausage Co.	81 Johnson St., Sydney
Superior Sausage Co.	Union Hwy., Scotchtown
New Brunswick:	
Huttges' Sausages	St. Martins
Quebec:	
Beaudin, Arthur	5789, rue Briand, Montréal
Bilopage Inc.	2525, boul. Henri-Bourassa, Québec
Boudin Perfection	6368, de Châteaubriand, Montréal
Boudin Idéal Trottier & Mainville	4304, rue Parthenais, Montréal
Brunet Inc., Les Produits	8637, rue Drolet, Montréal
Canpodian Casing Corporation	4995 Angers St., Montréal
Charcuterie Hyg�nique Inc.	27, rue St-Fran�ois ouest, Qu�bec
Dionne Sausage Inc., Saucisse	440, rue Sicard, Montr�al
European Sausage Ltd.	1742 Richardson St., Montr�al
Fantino & Mondello Ltd.	294 Port Royal West, Montreal
Gaudreau & Fr�res	Magog
Hygrade Food Products Inc.	300 Guizot St. W., Montr�al
Independent Products of Canada Ltd.	40 Bates Rd., Montr�al
Leong Jung Co.	92 Lagaucheti�re St. W., Montr�al
Levitt's Strictly Kosher Delicatessen Products Ltd.	4420 St. Dominique St., Montr�al
Massey's	2581 Masson, Montr�al
Melnick Food Products Inc.	1990 Parhenais St., Montr�al
Parma Food Products Ltd.	3775 Industrial Blvd., Montr�al N.
Produits B. & J. Enr.	Pointe-Aux-Trembles
Produits Bon Go�t Inc.	2567, rue Notre-Dame, Ancienne-Lorette
Produits Gano Enr.	18, rue Laurier, Victoriaville
Produits 4 �toiles Enr.	74, rue St-Luc, Chicoutimi
Quebec Smoked Meat Products Co.	1889 Centre St., Montr�al
Roma Food Products Ltd.	6876 Marconi, Montr�al
Sepp's Sausage & Delicatessen Inc.	4444 Colonial St., Montr�al
Taillefer & Fils Inc.	500 Beaumont Ave., Montr�al
Tr�panier, Laurent	14, rue St-Laurent, St-Eustache
Venetian Salami Co. Ltd.	130 Beaumont St., Montr�al
Villeneuve, J.P.	St-F�licien
Ontario:	
Averbo Meats	Wallacetown
Belvedere Salami Co.	544 Wentworth St. N., Hamilton
B�ttner 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 S.	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., E.	2 Carson St., Toronto
M. & G. Salami & Sausage Co.	975 Tecumseh Rd., Sandwich W.
Mazur, Adam	1577 Dupont St., Toronto
Northern Produce (Sudbury) Ltd.	308 Notre-Dame Ave., Sudbury
North Star Packers	516 Queen St. W., Toronto
Ontario Meat Products	783 Queen St. W., Toronto
Openheimer Casing Co.	Stratford
Oshawa Meat Products	1064 Kingston Rd. W., Oshawa

List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
Ontario - Concluded:	
Piller Sausages & Delicatessens Ltd.	R.R. 2, Waterloo
Sandwich Sausage Co.	1567 Crawford Ave., Windsor
Scheffler Meat Packing, Rudolf	10 California St., Brampton
Shopsy's Foods Ltd.	2 Huxley Rd., Weston
Slena Foods Ltd.	16 Newbridge Rd., Toronto
Soloway's Star Meat Products Ltd.	664 Richmond St. W., Toronto
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 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
Visking Ltd. (Division of Union Carbide Canada Ltd.)	150 Colbourne St. E., Lindsay
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.	350 Ross Ave., Winnipeg
Manitoba Sausage Mfg. Co. Ltd.	691 Dufferin Ave., Winnipeg
Smith's Corn Beef & Sausage Mfg. Co. Ltd.	261 Flora Ave., Winnipeg
Saskatchewan:	
European Meat Products Ltd.	308-20th St. W., Saskatoon
Fuhrmann Meats Ltd.	1501 Tenth Avenue, Regina
Alberta:	
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 Bros. Mfg. Ltd.	325 Railway St., Vancouver
Kam Yen Jan (1948) Ltd.	223 Keefer St., Vancouver
Kohier's European Sausage Ltd.	Alder Grove
Luigi's Sausages	1901 W - 1st Ave., Vancouver
Vancouver Sausage Co. Ltd.	1055 Vernon Drive, Vancouver

SECTION III
ANIMAL OILS AND FATS PLANTS

TABLE 1 A. Principal Statistics classified by Province, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	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													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	1	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	2	x	x	x	x	x	x	x	-	-	x	x	x
Ontario	11	185	411	645	297	1,698	4,842	2,895	x	x	258	1,074	2,979
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	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	3,253
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

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	5	12	28	40	6	157	244	80	4	20	14	47	81
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
200,000 " 499,999	8	93	235	327	105	634	1,571	880	—	—	115	403	879
500,000 " 999,999													
1,000,000 " 4,999,999	7	247	571	938	387	3,920	8,357	4,139	—	—	337	1,561	4,332
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	4	27	64	92	23	245	495	234	3	17	30	99	234
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999													
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
1,000,000 " 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

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1962													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	6	16	38	58	10	243	374	125	4	20	19	70	125
25,000 " 49,999													
50,000 " 99,999													
100,000 " 199,999	6	74	186	256	81	489	1,148	622	—	—	89	315	621
200,000 " 499,999	5	103	241	385	151	1,266	2,966	1,578	—	—	129	532	1,695
500,000 " 999,999	3												
1,000,000 " 4,999,999		159	368	605	256	2,713	5,686	2,775	—	—	229	1,094	2,850
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292
1963													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	5												
25,000 " 49,999		30	72	107	27	374	711	315	3	17	37	132	314
50,000 " 99,999													
100,000 " 199,999	5	58	141	205	81	811	1,658	750	—	—	77	267	749
200,000 " 499,999	5	93	208	352	204	1,367	3,400	1,958	—	—	143	708	2,150
500,000 " 999,999	3												
1,000,000 " 4,999,999		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

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	6	16	38	58	10	243	374	125	4	20	19	70	125
25,000 " 49,999	6	74	186	256	81	489	1,148	622	—	—	89	315	621
50,000 " 99,999	5	103	241	385	151	1,266	2,966	1,578	—	—	129	532	1,695
100,000 " 199,999	3	159	368	605	256	2,713	5,686	2,775	—	—	229	1,094	2,850
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	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292
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

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed, 1962 and 1963

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		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under 5 employed	8	26	61	95	20	393	678	275	4	20	36	129	275
5 - 14 employed	12	326	772	1,209	477	4,318	9,495	4,824	—	—	430	1,682	5,016
15 - 49	—	—	—	—	—	—	—	—	—	—	—	—	—
50 - 99	—	—	—	—	—	—	—	—	—	—	—	—	—
100 - 199	—	—	—	—	—	—	—	—	—	—	—	—	—
200 - 499	—	—	—	—	—	—	—	—	—	—	—	—	—
500 employed and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292
1963													
Under 5 employed	7	44	102	163	45	799	1,363	532	3	17	55	201	530
5 - 14 employed	8	137	318	502	268	1,754	4,406	2,491	—	—	202	906	2,683
15 - 49	3	149	374	681	397	3,189	7,240	3,792	—	—	219	1,184	3,842
50 - 99	—	—	—	—	—	—	—	—	—	—	—	—	—
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

TABLE 1 F. Principal Statistics classified by Type of Organization, 1962 and 1963

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		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1962													
Individual ownerships	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292
Partnerships													
Incorporated companies													
Cooperatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	20	352	834	1,305	498	4,711	10,133	5,099	4	20	466	2,011	5,292
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													
Cooperatives	-	-	-	-	-	-	-	-	-	-	-	-	-
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

TABLE 2. Industry Output, Input and Value Added, 1962 and 1963

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
\$'000						
Output						
1. Shipments and other revenue	10,173	13,009	2,921	2,361	13,094	15,370
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	-	-	...	...	-	-
Finished goods	588	836	...	...	588	836
Less opening - Goods in process .....	-	-	...	...	-	-
Finished goods	453	579	...	...	453	579
2. Net inventory change	135	257	...	...	135	257
3. Gross output (1 + 2)	10,308	13,266	2,921	2,361	13,229	15,627
Input						
4. Purchases of goods not of own manufacture .....	...	...	2,672	2,089	2,672	2,089
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	2	8	2	8
Less closing .....	...	...	8	10	8	10
5. Cost of goods sold (not of own manufacture) .....	...	...	2,666	2,087	2,666	2,087
6. Materials, supplies, components and semi-processed goods	4,711	5,741	62	33	4,773	5,774
7. Fuel and electricity	498	710	...	...	498	710
8. Gross input (5 + 6 + 7)	5,209	6,451	2,728	2,120	7,937	8,571
Census value added (3 - 8)	5,099	6,815	193	241	5,292	7,056

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Adminis- trative and office	Sales and distrib- ution	Total salaries and wages
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Manufacturing	Other					
number										\$'000					
1962															
Newfoundland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prince Edward Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nova Scotia	x	x	—	—	x	x	—	—	x	x	x	—	x	—	x
New Brunswick	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quebec	x	x	—	—	x	x	—	—	x	x	x	—	x	—	x
Ontario	185	—	—	—	37	12	24	—	246	12	645	—	288	141	1,074
Manitoba	x	x	—	—	x	x	—	—	x	x	x	—	x	—	x
Saskatchewan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alberta	x	x	—	—	x	x	—	—	x	x	x	—	x	—	x
British Columbia	x	x	—	—	x	x	—	—	x	x	x	—	x	—	x
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	347	5	—	—	69	21	24	—	440	26	1,305	—	566	141	2,011
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

TABLE 3 A. Production and Related Workers, - Manufacturing Activity, by Months, 1962 and 1963

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	332	5	324	1
February	328	5	325	1
March	335	5	311	—
April	336	5	323	—
May	343	5	323	1
June	351	5	325	1
July	351	5	325	1
August	351	5	332	2
September	355	5	331	2
October	368	5	335	2
November	361	5	345	2
December	360	5	342	2
Average for establishments reporting monthly detail (collected only for large establishments) ..	347	5	329	1
Average for small establishments (only annual averages collected) .....	...	...	...	...
Average for all establishments	347	5	329	1

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	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	—	—	166	166	—	166
Manitoba	—	—	x	x	x	x
Saskatchewan	—	—	—	—	—	—
Alberta	—	—	x	x	x	x
British Columbia	—	—	x	x	x	x
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	—	—	579	579	8	587
Closing:						
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	—	—	836	836	10	846

TABLE 5. Purchased Fuel and Electricity Used in Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	2,913	2,780	35
(b) Imported	"	676	1,987	28
Sub-bituminous coal (from Alberta mines only)	"	-	-	-
Anthracite coal	"	482	452	6
Lignite coal	"	-	-	-
Coke	"	-	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	536,770	653,053	212
Fuel oil including kerosene or coal oil	"	1,564,789	2,032,797	165
Wood	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	967	63,157	21
(b) Other manufactured gas	M cu.ft.	-	-	-
(c) Natural gas	"	64,761	66,965	30
Other fuel .....	...	-	...	-
Electricity purchased	kwh.	6,608,523	12,064,540	164
Steam purchased .....	...	-	...	-
2. Estimate for small establishments:				
Fuel and electricity .....	...	44	...	49
3. All establishments:				
Total fuel and electricity used .....	...	498	...	710

TABLE 6. Materials and Supplies - Manufacturing Activity, 1962 and 1963

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
	lbs.	\$'000	lbs.	\$'000
1. Materials used:				
Animal oil and fats, all kinds	65,013,972	1,948	86,219,356	2,656
Bones, dried and green	126,658,059	1,700	127,830,586	1,633
Tankage and offal	37,112,986	262	30,889,527	171
All other materials and components used ¹ .....	...	493	...	884
2. Containers and other packaging materials and supplies used .....	...	107	...	104
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	196	...	281
4. Amount paid out to others for work done on materials owned by establishments .....	...	4	...	12
Totals .....	...	4,711	...	5,741

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$332,205 in 1962 and \$365,595 in 1963.

TABLE 7. Shipments of Goods of Own Manufacture, 1962 and 1963

Description	1962		1963	
	Quantity	Value	Quantity	Value
		\$'000		\$'000
1. Products:				
Tankage, raw	lb. 37,627,096	1,611	32,985,384	1,458
Tankage, processed (bone and meat meal)	" 52,663,360	2,585	55,414,643	2,958
Tallow and grease	" 86,211,902	5,375	115,844,350	7,583
Hides and skins	No. 8,048	42	1	1
All other products .....	...	571	...	1,073
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 .....	...	(10)	...	(10)
Net adjustment for establishments receiving progress payments .....	...	-	...	-
Total adjusted value of shipments and work done .....	...	10,173	...	13,009

¹ Included with "All other products".

List of Establishments classified to This Industry, 1963

(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:	
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.	R.R. # 1, Dundas
Darling & Co. of Canada Ltd.	Park & Whitehall Sts., Chatham
Ontario Rendering Co. Ltd.	Dundas
Rowan Bros.	1 Market St., Toronto
St. Lawrence Rendering Co. Ltd.	Cornwall
Young Ltd., Gordon	554 Lakeshore Blvd., Toronto
Young, Gordon (Elmira) Ltd.	R.R. # 2, Elmira
Manitoba:	
Mid-West Rendering Ltd.	607 Dawson Rd., St. Boniface
Alberta:	
Alberta Processing Co.	Ogden
City Rendering Co.	1021-25th Ave. S.E., Calgary
Edmonton Rendering Co. Ltd.	6121-129th Ave., Edmonton
British Columbia:	
Island Processing Ltd.	Duncan
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 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 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 activity

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. 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. 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.). 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 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 materials and fuel and electricity consumed from the value of production (value of shipments 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

purchased for re-sale) and the cost of other 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 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 DRS publication Catalogue No. 61-202, "Survey of Production".

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