



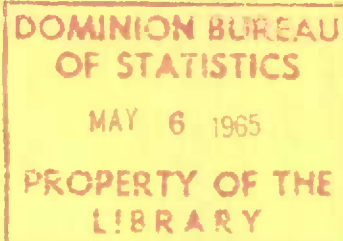
SLAUGHTERING AND MEAT PROCESSORS

1962

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

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SYMBOLS

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

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- ▮ preliminary figures.
- ⋈ revised figures.

INTRODUCTION

Tabular presentations of statistical data in this publication show more details than were contained in previous catalogues for these industries. Basically the information has been expanded to reflect **total activity** of the establishments, whereas in previous years the data published represented the manufacturing operations. For explanation of definitions and tabular details, please refer to table footnotes and also the Explanatory Notes on the pages following Table 7 of Section 3.

The Slaughtering and Meat Processors, for the Annual Census of Manufactures, have been traditionally presented as three industries. In this publication the previous pattern has been followed by sectionalization of the 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 manufacturing input data on this basis; cost of materials and supplies (purchases) are collected. Appropriate calculations are effected to determine the "Value Added" for the industries in this publication. As a consequence the definition of **Materials and Supplies** as specified in the Explanatory Notes, page 5 sub-para (a), does not apply.

Please note that Table 9 of Section 1 is a composite tabulation of Capital and Repair Expenditures for the three industries. The restrictions and requirements of the Statistics Act precludes release of these values by industry for this catalogue.

SECTION I

SLAUGHTERING AND MEAT PACKING PLANTS

Distribution by Form Size Compiled for Slaughtering and Meat Packing Plants, 1962

Establishments reporting on	Number of establishments	Percentage of total number of establishments	Value of shipments	Percentage of total value of shipments
			\$'000	
Long forms	144	57.8	1,122,830	98.3
Short forms	105	42.2	19,185	1.7
Total establishments	249	100.0	1,142,015	100.0

TABLE 1. Principal Statistics - Manufacturing Activity,¹ 1957-61
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year	Estab- lish- ments	Employees						Cost of fuel and elec- tricity ⁴	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴
		Production and related workers ⁴		Administrative and office employees ³		Total ⁴					
		Number	Wages	Number	Salaries	Number	Salaries and wages				
	No.		\$'000		\$'000			\$'000			
1957.....	156	19,153	67,955	5,434	23,734	24,587	91,689	5,745	699,569	868,167	..
1958.....	173	19,669	74,238	5,515	25,518	25,184	99,756	5,969	831,670	1,008,633	175,475
1959.....	175	21,005	85,450	5,338	27,603	26,343	113,053	6,372	881,371	1,097,769	203,462
1960.....	204	20,211	84,393	5,403	28,678	25,614	113,071	8,379	828,837	1,024,170	192,241
1961.....	242	19,770	83,627	5,305	29,297	25,075	112,925	6,502	893,822	1,080,913	182,740

See footnotes following Table 3 A.

TABLE 1A. Principal Statistics - Manufacturing Activity and Total Activity,¹ 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year and province	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁴	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Atlantic Provinces	13	713	1,501	2,734	269	23,540	29,684	6,146	44	143	965	3,868	6,384
Quebec	86	4,159	6,739	18,333	1,506	193,438	239,064	45,359					
Ontario	80	7,302	16,019	30,810	2,564	310,709	375,579	62,693					
Manitoba	12	2,196	4,542	9,783	715	105,992	124,053	17,675	42	160	9,654	42,764	64,255
Saskatchewan	10	1,150	2,452	5,134	368	44,221	55,061	10,361					
Alberta	20	3,026	6,138	13,401	707	164,791	196,263	31,586	5	12	4,078	19,190	33,176
British Columbia	21	1,188	2,459	5,431	373	49,893	61,208	11,178	7	19	1,612	7,823	12,272
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													
Atlantic Provinces	14	721	1,535	2,869	302	26,189	32,903	6,352	4	16	972	4,027	7,144
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	74,496
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	6	30	4,308	20,563	33,756
British Columbia	22	903	1,861	4,214	308	44,626	53,938	8,634	10	24	1,234	6,167	9,676
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

See Table 2 and footnotes following Table 3 A.

TABLE 1 B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab-lish-ments	Manufacturing activity							Total activity					
		Production and related workers ⁴			Cost of fuel and elec-tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu-facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸	
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages		
	No.		'000			\$'000				\$'000			\$'000	
1961														
Under \$10,000.....	}													
\$ 10,000 to \$ 24,999.....		18	25	35	43	11	239	393	141	18	42	29	50	141
25,000 " 49,999.....		16	43	73	92	27	817	1,145	301	20	59	52	114	316
50,000 " 99,999.....		29	127	263	345	53	3,573	4,403	806	23	65	155	435	890
100,000 " 199,999.....		42	349	737	1,066	146	11,480	14,191	2,542	19	82	438	1,394	2,561
200,000 " 499,999.....		39	745	1,466	2,242	338	20,360	27,417	6,832	12	54	1,036	3,482	7,195
500,000 " 999,999.....	47	1,961	4,322	6,888	793	91,823	110,987	19,232	6	33	2,771	10,500	19,855	
1,000,000 " 4,999,999.....	51	16,484	34,953	73,151	5,134	764,291	922,377	155,144	—	—	22,377	104,798	161,765	
5,000,000 and over.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Head offices, sales offices and auxiliary units.....	...	...	...	...	...	...	...	...	...	...	...	...	...
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														
Under \$10,000.....	}													
\$ 10,000 to \$ 24,999.....		14	11	24	33	5	89	189	82	11	22	13	37	86
25,000 " 49,999.....		11	18	35	55	10	300	442	136	9	25	27	69	145
50,000 " 99,999.....		16	29	55	89	13	900	1,140	237	24	60	39	119	263
100,000 " 199,999.....		25	116	231	396	57	2,915	3,796	871	19	68	141	477	897
200,000 " 499,999.....		45	303	593	1,021	211	11,457	14,556	2,982	25	98	398	1,348	3,091
500,000 " 999,999.....	36	662	1,433	2,228	360	20,173	26,679	6,127	8	43	905	3,348	6,331	
1,000,000 " 4,999,999.....	51	1,942	4,294	7,100	877	100,008	120,908	20,111	11	74	2,672	10,530	20,814	
5,000,000 and over.....	51	15,766	33,528	72,594	5,266	801,853	974,306	166,275	—	—	21,628	104,058	173,586	
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	

See footnotes following Table 3 A.

TABLE 1 C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Under \$10,000.....	18	17	24	26	11	628	752	111	19	46	20	31	112
\$ 10,000 to \$ 24,999.....	33	105	209	269	57	3,795	4,441	586	34	99	130	348	646
25,000 " 49,999.....	38	263	499	602	120	10,678	12,116	1,340	20	63	349	852	1,391
50,000 " 99,999.....	29	270	582	711	110	12,789	14,999	2,108	15	68	331	950	2,126
100,000 " 199,999.....	28	468	932	1,415	186	24,382	28,546	4,120	6	41	645	2,171	4,212
200,000 " 499,999.....	33	1,237	2,770	4,240	528	67,129	78,572	11,041	4	17	1,786	6,726	11,357
500,000 " 999,999.....	17	1,303	2,753	4,562	549	61,035	73,702	12,213	—	—	1,801	6,895	12,306
1,000,000 " 4,999,999.....	39	9,362	19,780	41,284	2,580	402,988	489,094	85,954	—	—	12,691	59,260	90,758
5,000,000 and over.....	7	6,709	14,303	30,517	2,369	309,158	378,690	67,524	—	—	9,105	43,539	69,815
Head offices, sales offices and auxiliary units.....	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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

See footnotes following Table 3 A.

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Under \$10,000	18	17	24	26	11	628	752	111	19	46	20	31	112
\$ 10,000 to \$ 24,999	31	88	166	205	56	3,683	4,289	551	31	89	115	286	555
25,000 " 49,999	38	259	491	596	117	10,519	11,934	1,320	23	72	339	824	1,348
50,000 " 99,999	31	291	632	780	106	13,060	15,333	2,162	15	68	356	1,040	2,260
100,000 " 199,999	28	468	932	1,415	186	24,382	28,546	4,120	6	41	645	2,171	4,212
200,000 " 499,999	31	1,181	2,648	4,084	500	65,375	75,998	10,135	4	17	1,673	6,273	10,203
500,000 " 999,999	17	1,161	2,466	3,988	513	53,977	65,546	11,277	—	—	1,621	6,223	11,359
1,000,000 " 4,999,999	41	9,560	20,188	42,014	2,644	411,801	499,824	87,797	—	—	12,984	60,385	92,860
5,000,000 and over	7	6,709	14,303	30,517	2,369	309,158	378,690	67,524	—	—	9,105	43,539	69,815
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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

See footnotes following Table 3 A.

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed,¹⁰ 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁶	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Under 5 employees	39	53	90	109	38	3,225	3,795	532	44	121	61	124	536
5- 14 employees	71	437	928	1,207	207	20,363	24,144	3,681	46	170	559	1,656	3,747
15- 49 "	56	1,112	2,275	3,462	485	60,160	72,223	11,631	4	26	1,549	5,315	11,858
50- 99 "	22	1,047	2,256	3,625	425	69,213	81,009	11,944	4	17	1,499	5,992	12,374
100-199 "	16	1,575	3,415	6,158	641	66,157	82,028	16,247	—	—	2,210	9,153	17,106
200-499 "	24	5,598	11,804	24,516	1,521	236,069	285,036	47,925	—	—	7,455	34,861	50,533
500 employees and over	14	9,912	21,082	44,550	3,184	437,396	532,679	93,038	—	—	13,525	63,671	96,569
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
Under 5 employees	58	87	171	264	54	6,186	7,194	945	59	160	108	311	995
5- 14 employees	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 employees 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

See footnotes following Table 3 A.

TABLE 1 F. Principal Statistics classified by Type of Organization, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and electricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manufacture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Individual ownerships	55	225	433	516	105	9,534	11,280	1,648	54	187	247	571	1,676
Partnerships	21	135	237	294	49	6,874	8,062	1,125	44	147	164	385	1,134
Incorporated companies	162	18,969	40,325	81,336	6,158	857,932	1,040,269	178,707	...	...	25,859	117,735	186,193
Cooperatives	4	405	857	1,480	190	18,243	21,302	3,517	-	-	588	2,082	3,719
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
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													
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

See footnotes following Table 3 A.

TABLE 2. Industry Outputs, Inputs and Value Added, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Item	1961	1962
	\$'000	
Manufacturing activity:		
Value of shipments - Goods of own manufacture	1,080,913	1,142,015
Add: Closing inventory - Goods in process	-	-
Finished goods	49,076	47,197
Deduct: Opening inventory - Goods in process	-	-
Finished goods	45,906	47,898
Gross output - Manufacturing activity	1,084,083	1,141,314
Deduct: Cost of materials and supplies used in manufacturing activity	892,583	937,694
Cost of fuel and electricity used	6,502	6,798
Value added - Manufacturing activity	184,998	196,821
Non-manufacturing activities:		
Value of shipments - Goods not of own manufacture .....	..	84,068
Add: All other revenue .....	..	2,044
Closing inventory - Goods purchased for resale	4,506	4,289
Deduct: Purchases of goods for resale as such .....	..	75,499
Opening inventory - Goods not of own manufacture	4,408	4,340
Cost of all other materials and supplies used .....	..	2,171
Value added - Non-manufacturing activities	7,724	6,390
Total value added	192,722	205,211

See footnote following Table 3 A.

TABLE 3. Employment and Payroll, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office ⁹		Sales and distribution ⁹		Total employees ^{7,9}		Production and related workers		Admin- istra- tive and office	Sales, and distri- bution	Total salaries and wages
	Manufacturing ⁴		Other ⁹		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1961															
Atlantic Provinces	562	151	..	..	..	..	..	..	779	186	2,734	..	..	..	3,868
Quebec	3,484	675	..	..	..	..	..	..	5,166	922	16,333	..	..	..	26,219
Ontario	5,710	1,592	..	..	..	..	..	..	7,533	2,121	30,811	..	..	..	42,764
Manitoba	1,879	317	..	..	..	..	..	..	2,439	443	9,783	..	..	..	13,740
Saskatchewan	935	215	..	..	..	..	..	..	1,264	315	5,134	..	..	..	7,169
Alberta	2,437	589	..	..	..	..	..	..	3,303	775	13,401	..	..	..	19,190
British Columbia	946	242	..	..	..	..	..	..	1,291	321	5,431	..	..	..	7,823
Totals	15,953	3,781	..	..	..	..	..	..	21,775	5,083	83,627	..	..	..	120,773
1962															
Atlantic Provinces	568	153	16	—	127	34	72	2	783	189	2,870	70	771	315	4,027
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
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

See footnotes following Table 3 A.

TABLE 3 A. Production and Related Workers,⁴ — Manufacturing Activity, by Months, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Month	Establishments reporting monthly detail	
	Male	Female
	number	
January	14,525	3,316
February	14,319	3,291
March	14,463	3,378
April	14,678	3,487
May	14,879	3,803
June	15,147	3,994
July	15,358	3,995
August	15,311	3,847
September	14,907	3,583
October	15,120	3,517
November	15,017	3,393
December	14,422	3,214
Average for establishments reporting monthly detail (collected only for large establishments)	14,849	3,573
Average for small establishments (only annual averages collected)	376	49
Monthly averages	15,225	3,622

¹ See Table 2 and Explanatory Notes concerning manufacturing and non-manufacturing activities.

² See Explanatory Notes.

³ This category, in this table only, includes working owners and partners. Since administrative and office employees are engaged in a variety of activities they have been excluded from manufacturing activity beginning with the revised 1961 series shown in the following tables. They are included here for purposes of comparison with the tabulations of previous years.

⁴ Conceptually identical to previous years. See Explanatory Notes.

⁵ Cannot be reported separately for manufacturing and non-manufacturing activities but related substantially to manufacturing activity. Identical concept to previous years.

⁶ Working owners and partners were included with administrative and office employees in the "Manufacturing series" published in former years. See Explanatory Notes.

⁷ Includes production and related workers, administrative and office employees, sales distribution and other employees. See Explanatory Notes for the treatment of head office employees and those employed in auxiliary units.

⁸ Value of total shipments and other operational revenue less total cost of materials, supplies, fuels used and purchases of products and materials for re-sale in the same condition; all adjusted for inventory changes where required. See Table 2 and Explanatory Notes.

⁹ Sales and distribution workers and production workers (non-manufacturing) are included for the first time as a result of the full implementation of the new definition of the establishment. The figures for production workers (non-manufacturing), administrative and office employees and sales and distribution workers are not yet available for 1961 but form part of total employees. Sales and distribution workers may include some employees that are reported as part of a manufacturing establishment but are not working at the establishment's location. Head offices, sales offices, etc., which report separately are included in the figures for the province in which they are located.

¹⁰ Includes paid employees and working owners but excludes unpaid family workers.

Note: Figures may not add due to rounding.

TABLE 4. Materials and Supplies Used in Manufacturing Activity, 1962
 Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Cost
	lb.	\$'000
1. Materials used:		
Cattle slaughtered.....	954,556,818	371,591
Sheep and lambs, slaughtered.....	24,740,874	8,831
Hogs, slaughtered.....	980,557,651	265,841
Calves, slaughtered.....	86,399,642	34,087
Other animals slaughtered.....	18,606,635	2,068
Poultry killed.....	23,114,434	7,199
Dressed meats, fresh or partially processed, including poultry.....	403,480,727	143,321
Vegetable oils, crude:		
Coconut oil.....	17,835,125	..
Cottonseed oil.....	25,469,559	..
Palm oil.....	12,973,464	..
Peanut oil.....	6,204,364	..
Rapeseed oil.....	19,475,134	..
Soya-bean oil.....	48,092,080	..
Other vegetable oils.....	3,519,595	..
Vegetable oils (refined).....	5,075,015	..
Total vegetable oils.....	138,644,336	17,879
Animal oils and fats.....	76,533,576	6,514
Marine oils.....	45,020,613	3,324
Cheese.....	5,584,901	1,897
Flour.....	9,922,062	768
Seasonings (pepper, spices, etc.).....	...	2,755
Salt.....	112,485,765	1,065
Sugar.....	10,372,617	808
Sausage casings, natural.....	...	4,098
Sausage casings, synthetic.....	...	4,152
Vegetables.....	...	233
All other materials and components used ².....	...	23,231
2. Containers and other packaging materials and supplies used.....		30,928
3. Operating, maintenance and repair supplies used (excluding fuel).....		5,942
4. Amount paid out to others for work done on materials owned by establishments.....		1,164
Total.....		937,694

¹ See Explanatory Notes.

² No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. In 1962 these estimated costs were \$15,132,653.

TABLE 4 A. Number and Cost of Principal Animals Slaughtered by Slaughtering and Meat Processors 1937-62

Year	Beeves	Sheep and lambs	Hogs	Calves	Total
1937..... No.	972,020	837,136	3,951,503	757,406	6,518,065
..... \$	37,190,487	5,357,983	68,546,334	7,339,089	118,433,893
1938..... No.	911,271	815,433	3,394,104	690,399	5,811,217
..... \$	36,824,213	5,148,334	64,862,596	7,158,134	113,993,277
1939..... No.	927,588	785,653	3,793,468	687,539	6,194,248
..... \$	43,687,227	5,473,583	68,611,954	7,768,704	125,541,468
1940..... No.	935,920	763,044	5,531,051	717,835	7,847,850
..... \$	49,908,223	5,688,302	93,139,503	9,020,929	157,756,957
1941..... No.	1,052,574	836,094	6,469,323	757,024	9,115,015
..... \$	66,857,125	7,342,581	125,443,461	11,310,699	210,953,866
1942..... No.	1,032,490	820,297	6,335,863	683,317	8,871,967
..... \$	82,211,307	7,985,052	153,963,231	13,426,219	257,585,809
1943..... No.	1,111,861	878,816	7,260,174	616,959	9,867,810
..... \$	107,084,662	9,411,757	196,821,224	14,612,928	327,930,571
1944..... No.	1,427,468	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
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

TABLE 4A. Number and Cost of Principal Animals Slaughtered by Slaughtering and Meat Processors,
1937-62 - Concluded

Year		Beeves	Sheep and lambs	Hogs	Calves	Total
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 ^r	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

TABLE 5. Fuel and Electricity Used¹ in Manufacturing Activity,² 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept³

Description	Quantity	Cost
		\$'000
1. Large establishments which reported commodity detail:		
Bituminous coal:		
(a) From Canadian mines	ton 1,028	18
(b) Imported	" 24,827	284
Sub-bituminous coal (from Alberta mines only)	-	-
Anthracite coal	-	-
Lignite coal	ton 35,528	155
Coke	-	-
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 2,941,439	1,000
Fuel oil including kerosene or coal oil	" 12,275,433	1,042
Wood	cord 733	7
Gas:		
(a) Liquefied petroleum gases	Imp. gal. 206,754	60
(b) Other manufactured gas	M cu. ft. 5,921	6
(c) Natural gas	" 4,060,620	1,306
Other fuel	...	8
Electricity purchased	kwh. 281,651,390	2,566
Steam purchased	...	82
2. Estimate for small establishments for which no data were collected:		
Fuel and electricity	...	265
3. All establishments:		
Total fuel and electricity used	...	6,798

¹ Does not include fuel and electricity produced for own use.

² Includes only fuel and electricity purchased. Conceptually identical to previous years in that it also includes relatively small amounts used in manufacturing activities since these cannot be reported separately.

³ See Explanatory Notes.

TABLE 6. Shipments of Goods of Own Manufacture, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Value
	lb.	\$'000
1. Products:		
Meats sold fresh and fresh-frozen:		
Beef	975,697,897	410,475
Mutton and lamb	35,845,977	13,999
Pork	484,482,071	183,837
Veal	81,755,995	36,290
Other meats, fancy meats, and offal	141,645,755	37,555
Totals, fresh and frozen meats	1,719,427,695	682,155
Poultry sold fresh and fresh-frozen	53,417,599	21,155
Cured and smoked meats:		
Beef, salted or cured	9,936,566	..
Pork, salted or cured (n.o.p.)	27,912,375	..
Bone-in hams, uncooked	17,668,251	..
Bone-in hams, cooked	22,134,360	..
Boneless hams, uncooked	15,562,004	..
Boneless hams, cooked	16,623,357	..
Side bacon, sliced	58,172,614	..
Side bacon, (piece) unsliced	34,229,272	..
Back bacon, sliced	8,453,918	..
Back bacon, (piece) unsliced (including artificial casing)	8,364,194	..
Picnics	27,200,018	..
Cottage rolls and butts	26,657,351	..
Other smoked meat items	10,473,934	..
Totals, cured and smoked meats	283,388,214	159,694
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
Fresh sausage, other	16,945,478	6,539
Bologna	74,089,594	21,939
Wieners and frankfurters	87,344,485	32,650
Salami	6,389,391	4,202
Blood pudding	1,579,474	429
Sausage casings .....	..	5,205
Boiled ham, cooked	18,615,724	16,748
Other sausage and cooked meats	57,194,679	29,267
Totals, sausage and cooked meats	296,223,782	131,880
Canned meats, all kinds (including poultry)	67,463,096	33,238
Lard	110,556,682	16,336
Animal oils and fats:		
Greases	2,696,908	124
Neatsfoot oil	383,275	63
Tallow, edible	28,404,216	2,916
Tallow, inedible	101,641,651	6,240
Other animal oils and fats	5,609,439	737
Animal foods:		
Cat foods	4,268,466	661
Dog foods	27,563,630	2,581
Fox foods	7,836,723	522
Fink foods	801,193	61
Other animal foods	15,911,251	823
Tankage, primary:		
Bones, edible	919,825	17
Bones, inedible	31,307,234	437
Bones, green	11,420,054	211
Dried blood, edible and inedible	11,116,433	676
Hooves and horns	1,148,132	12
Tankage, dry rendered	59,139,102	2,594
Tankage, wet rendered	4,415,598	39
Tankage, other	20,134,590	752
Tankage, secondary:		
Blood meal	7,317,641	381
Bone flour and bone meal	3,598,617	113
Meat meal	72,173,536	3,296
Feeding tankage	7,683,914	286
Tanking, other	2,977,610	140
Cattle hides	No. 1,912,366	16,552
Horse hides	" 27,919	235
Sheep skins	" 565,818	1,037
Calf skins	" 565,786	3,628
Hair and bristles:		
Cattle tail hair	192,438	33
Coil-dried and processed hog hair	254,943	27
Other hair and bristles	82,343	23
All other products .....	...	60,574
2. Amount received in payment for work done on materials and products owned by others		3,244
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)
Net adjustment for establishments receiving progress payments ² .....		...
Total adjusted value of shipments and work done		1,142,015

¹ See Explanatory Notes.

² See footnote 1, Table 7.

TABLE 6A. Shipments of Selected Commodities, Slaughtering and Meat Packing Plants, 1942-62

Year	Meats 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	614,750	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	161,302
1960	910,163	506,312	78,946	109,095	278,207	71,130	169,377
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

¹ Prior to 1949 the figures represent production.

TABLE 7. Industry Inventories, 1962¹

Basis: Revised Standard Industrial Classification and New Establishment Concept²

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: ²						
Atlantic Provinces	—	—	1,567	1,567	279	1,846
Quebec	—	—	11,700	11,700	1,304	13,004
Ontario	—	—	16,437	16,437	988	17,425
Manitoba	—	—	5,573	5,573	684	6,257
Saskatchewan	—	—	2,530	2,530	415	2,944
Alberta	—	—	7,466	7,466	392	7,858
British Columbia	—	—	2,626	2,626	279	2,905
Totals ⁴	—	—	47,898	47,898	4,340	52,238

See footnotes at end of table.

TABLE 7. Industry Inventories, 1962¹ - Concluded

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					
Closing:						
Atlantic Provinces	—	—	1,508	1,508	272	1,780
Quebec	—	—	12,363	12,363	1,102	13,465
Ontario	—	—	17,341	17,341	1,144	18,485
Manitoba	—	—	4,403	4,403	614	5,017
Saskatchewan	—	—	2,485	2,485	449	2,935
Alberta	—	—	6,842	6,842	515	7,357
British Columbia	—	—	2,254	2,254	193	2,447
Totals ⁴	—	—	47,197	47,197	4,289	51,486

¹ Values represent book values of inventories 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.

² See Explanatory Notes.

³ The opening inventories may differ from the closing inventories for the previous survey 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.

⁴ Figures may not add due to rounding.

TABLE 8. Shipments of Goods of Own Manufacture - All Industries, 1961¹ and 1962¹

Description	1961		1962	
	Quantity	Value	Quantity	Value
	lb.	\$'000	lb.	\$'000
Margarine	194,779,045	43,349	188,900,507	40,817
Shortening:				
Containing some animal fat	84,020,104	18,457	87,902,554	17,951
Containing some marine oils	13,134,796	2,645	16,636,904	3,158
Wholly vegetable	88,164,005	20,005	99,716,618	21,338
Refined oils:				
Coconut	19,287,143	2,984	18,087,831	2,824
Cotton seed	20,784,610	3,971	20,896,716	3,956
Peanut	3,220,991	830	4,190,413	1,095
Rapeseed	²	²	8,772,982	1,215
Soya-bean	50,807,057	8,048	51,034,944	6,935
Other vegetable, n.e.s.	59,878,771	12,714	65,371,671	20,812
Animal, n.e.s.	³	³	—	—
Marine, n.e.s.	³	³	³	³
Other refined oils, n.e.s.	28,238,984	4,128	19,714,574	2,206

¹ Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed above.

² Included with "Other vegetable oils, n.e.s."

³ Included with "Other refined oils, n.e.s."

TABLE 9. Capital and Repair Expenditures,¹ 1960-62

Year	Capital expenditures			Repair expenditures			Total capital and repair expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total
\$'000									
1960	8,407	8,643	17,050	2,834	9,623	12,457	11,241	18,266	29,507
1961 .....	..	..	..	..	..	..	..	..	..
1962	4,684	8,442	13,126	2,416	12,224	14,640	7,100	20,666	27,766

¹ Includes Slaughtering and meat packing plants; Animal oils and fats plants; also Sausage and sausage casing manufacturers.

Source: Business Finance Division. - DBS.

List of Establishments, 1962

Name	Address
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	Green Rd., St. Eleanors
Nova Scotia:	
Eastern Meat Packers Ltd.	Power House Rd., Trenton
Larsen's Packers Ltd.	Main St. Berwick
McDonald, Wm.	512 Esplanade, Sydney
N.S. Co-operative Abattoir	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
Salaison 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 de l'Isle-Verte	Isle-Verte, Cté Rivière-du-Loup
Abattoir des Laurentides Enr.	St-Lin
Abattoir Desrochers Ltée	St-Esprit
Abattoir D.G.L. Inc.	R.R. 1. Omerville
Abattoir J.H. Sinotte	St-Camille
Abattoir Lapointe	St-Jacques
Abattoir Montmagny	R.R. 3. Montmagny
Abattoir Nadeau Ltée	Ste-Germaine Station
Abattoir Poirier & Frères Inc.	St-Clothide
Abattoir régional du Richelieu Ltée	206 rue du Collège, Sarcel
Abattoir régional St-Barthélemy	St-Barthélemy
Abattoir régional St-Isidore	St-Isidore
Abattoir St-Guillaume Inc.	St-Guillaume Station
Alarie & Frères	Ste-Mélanie
Arnold Farms Ltd.	Grenville
Belmont Foods Ltd.	3580 Chambly St., Montreal
Bovril (Canada) Ltd.	5600 New Metropolitan Blvd., Pointe-Claire
Bourassa Ltée, Noé	1500, Côte de Liesse, Village Mont-Royal
Brassard & Frères Ltée	540, rue Prassard, Chicoutimi
Brasseur, J.M.	Upton, Cté Bagot
Canada Packers Ltd.	1260 Mill St., Montreal
Canada Packers Ltd. (Wilsil Division)	1239 Mill St., Montreal
Canada Packers Ltd.	200 Montcalm St., Hull
Century Food Products	3860 Sabrevois, Montreal
Chaîne Co-opérative du Saguenay, La	St-Bruno
Charcuterie Familiale Enr.	93 Buisson, Loretteville
Coors & Sons, Ltd., S.	4955 Courtrai S. Montreal
Cordon Bleu Ltée	4351, rue Iberville, Montreal
Côté & Frère Inc.	R.R. 3. Acton Vale
Cournoyer, Albert	Upton, Cté Bagot
Couture, Gilles	Ste-Cécile Milton, Cté Shefford
Demers Inc., Gérard	St-Pierre-les-Becquets
Demers Inc., Jean	Gentilly
Diamond, G.	St-Barnabé-Nord, Cté 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
Fortier, G.	Rue Principale, Honfleur, Cté Bellechasse
Fourrier, 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
Hoffner's Food Products Inc.	415 Bonsecours St., Montreal
Hygrade Food Products Inc.	330 Guizot St. W., Montreal
Johnson, Charles-Henri	Deschambault
La Bonne Menagere Ltée	182 Est Notre Dame, Victoriaville
Lafleur Ltée, Alphonse	350-5e rue, Quebec
Laplanche, Jean-Marie	St-Valérien
Lavoie & Fils Ltée, A.	Rang St-Jean-Baptiste, Chicoutimi
Leblanc & Pollquin	Bécancour, Cté Nicolet
Legrade Inc.	Rue d'Estimaerville, Quebec Ouest
Legrade Inc.	4363 rue Frontenac, Montreal
Legrade Inc.	200 rue St-François-Xavier, Princeville
McGarry & Co., Ltd.	708 St. Paul St. W., Montreal
Marché de Québec, Inc.	342-1ère Avenue, Limoilou
Melrose Packers Corp.	236 Mt. Royal St. E., Montreal
Messier, W.	St-Germain
Modern Packers Ltd. & Dominion Packers Ltd.	4670 Iberville St., Montreal
Montreal Smoked Meat Products Ltd.	2946 Rouen St., Montreal
Ouellet, Arthur	Ste-Perpétue
Parma Food Products Ltd.	3775 Industrial Blvd., Montreal
Pesner Bros. Ltd.	968 Notre Dame St. W., Montreal
Procter & Gamble Co. of Canada Ltd., The	6500 New Metropolitan Blvd., Pointe-Claire
Produits la Bonne Humeur Enr., Les	1455 Maissonneuve, Magog

List of Establishments, 1962 - Continued

Name	Address
Québec - Concluded:	
Proulx & Fils Ltée, A.	R.R. 1, Danville
Provincial Pickled Tongues	5909 Papineau Ave., Montreal
Quintal Ltée, Ernest	139 rue Notre-Dame, Charlemagne
Roma Food Products Ltd.	6876 Grand Ave., Montreal
Roy & Frères Inc., Henri	Rue Principale, St-Anselme-Station
St-Jean & Fils Inc., H.	1415 rue St-Pierre, La Providence
Salaison Acton Enr.	R.R. 3, Acton Vale
Salaison Brisson Inc., La	122 rue Ferland, Nicolet
Salaison Idéale Ltée	Lac Mégantic, Cté Frontenac
Salaison Maisonneuve Ltée	1420, Avenue Lasalle, Montreal
Salaison St-Jérôme Ltée	660 Trudel, St-Jérôme
Salamico Co. Ltd.	385 St-Fustache St., St-Fustache
Skeena Enr.	84-101e Ave. N., Sherbrooke
Société Française de Spécialités Alimentaires Ltée	5105 Côte de Liesse Rd., St-Laurent
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	R.R. 2 Caistor Centre
Amherst Packers Ltd.	Pike Rd., Amherstburg
Arrow Meat Packers Ltd.	28 Bedford St., Cornwall
Aylmer Meat Supply	R.R. 4, Aylmer
Beef Terminal Ltd.	2255 St. Clair Ave. W., Toronto
Brantford Packers Ltd.	Box 307, Brantford
Brenner Packers Ltd.	497 Cataraqui 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
Canada Packers Ltd.	148 George St., Peterborough
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.	R.R. 1, Waterdown
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	Allonburg
Essex Packers Ltd.	Wentworth St. N., Hamilton
Essex Packers Ltd.	875 Mercer St., Windsor
Essex Packers Ltd.	226 Merritt St., Merriton
Fearman Co. Ltd., F.W.	226 Rebecca St., Hamilton
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
Glanham Packers Ltd.	Hartzell Rd., St. Catharines
Gronau Meat Packers	91 Bridgeport Rd., Waterloo
Gross & Sons Morris	388 Clinton St., Toronto
Halton Dressed Meats Ltd.	R.R. 4 Georgetown
Herz Food Manufacturing Co. Ltd.	129 Belfield Rd., Toronto
Highland Packers Ltd.	R.R. 1, Vinemount
Hoffman & Sons Ltd., Phillip	352 Maple Ave., Kitchener
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. & Arthurs	75 Curlew Dr., Toronto
Lynn Valley Packers	R.R. 3 Simcoe
McFadden, Murray	R.R. 2 Seeleys Bay
Meldrum Meat Packers	14 Vancouver Ave., Toronto
Metropolitan Meat Packers Ltd.	1 Glen Scarlet Rd., Toronto
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
Plumstead Products	368 Sumach St., Toronto
Presswood Bros. Ltd.	30 Maybank Ave., Toronto
Prime Packers Ltd.	99 Ryding Ave., Toronto
Primrose Meat Products Ltd.	1893 Mattawa Ave., Conksville
Quality Meat Packers	2 Lombard St., Toronto
Reist & Son, Noah	R.R. 1, Waterloo
St. George Abattoir	St. George
Schneider, Ltd., J.M.	321 Courtland Ave. E., Kitchener
Star Brand Packers Co.	R.R. 2, Binbrook
Sterling Packers Ltd.	2255 St. Clair Ave. W., Toronto
Stratford Packers	Lorne Ave., Stratford
Swift Canadian Co. Ltd.	1960 St. Clair Ave. W., Toronto
Tasty Chip Steak Products Ltd.	71 Strachan Ave., Toronto
Thunderline 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

List of Establishments, 1962 - Concluded

Name	Address
Ontario - Concluded:	
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
Viking Meat & Sausage Co.	10 Willison Sq., Toronto
Whyte Packing Co., Ltd., The	78 Linton Ave., Stratford
Wilson's Abattoir	427 Green St., Whitby
Windsor Packing Co., Ltd. (Plant at Sandwich)	P.O. Box 265, 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.	669 Notre Dame Ave., Winnipeg
Del's Specialty Meats	586 Des Meurons St., St. Boniface
Dent's English Bacon Co., Ltd.	286 Fort St., Winnipeg
Forgan Wholesale Meats Ltd., Jack	500 Dawson Rd., 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
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	2740 Quinn Dr., Regina
Treen's Packers Ltd.	South Side, Swift Current
Alberta:	
Alberta Western Beef Co. Ltd.	821 Industrial Ave., Medicine Hat
Alsask Processors Ltd. (Division of the Quaker Oats Co. of Canada Ltd.)	Edmonton
Brooks Meat Processing Plant	Brooks
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
Capital Packers Ltd.	12907-57th St., Edmonton
Central Abattoir	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. E., Calgary
County Abattoir	Box 513, Vulcan
Dvorkin Meat Packers Ltd.	1712-8th St. W., Calgary
Gainer, Chester D.	Western Stock Yards, Edmonton
Gainers Ltd.	80th Ave. & 96th St., Edmonton
Hill, W.T.	Lethbridge
Red Deer Packers Ltd.	River Rd., Red Deer
St. Paul Packers & Processors Co. Ltd.	St. Paul
Stampede Fancy Sausage Co.	438 3rd. Ave. S.E., Calgary
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	Box 19 Enderby
B.C. Chip Steak Co. Ltd.	331-3rd Rd., Richmond
Cambie Stock Farms Ltd.	1710 Cambie Rd., Richmond
Canada Packers Ltd.	750 Terminal Ave., Vancouver
Chung, Henry & Van Isle Meat Packers Ltd.	350 Island Hwy., Victoria
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
Made-Rite Sausage Co. Ltd.	1221 Vulcan Way, Richmond
Marshall, Melville William	R.R. 2, Kelowna
Newdan Farm	Box 1087, Creston
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
Westside Meat & Poultry	R.R. 1, Salmon Arm

SECTION II

SAUSAGE AND SAUSAGE CASING MANUFACTURERS

Distribution by Form Size Compiled for Sausage and Sausage Casing Manufacturers, 1962

Establishments reporting on	Number of establishments	Percentage of total number of establishments	Value of shipments	Percentage of total value of shipments
			\$	
Long forms	54	65.9	37,016,046	95.6
Short forms	28	34.1	1,702,494	4.4
Total establishments	82	100.0	38,718,540	100.0

TABLE 1. Principal Statistics - Manufacturing Activity, 1957-61
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Year	Estab- lish- ments	Em ployees						Cost of fuel and elec- tricity ⁴	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴
		Production and related workers ⁴		Administrative and office employees ³		Total ⁴					
		Number	Wages	Number	Salaries	Number	Salaries and wages				
	No.		\$'000		\$'000		\$'000				
1957	96	1, 450	4, 085	393	1, 742	1, 843	5, 827	543	21, 500	33, 394	..
1958	93	1, 214	3, 476	357	1, 548	1, 571	5, 024	465	20, 271	31, 519	10, 933
1959	83	1, 190	3, 572	346	1, 563	1, 536	5, 135	454	18, 897	30, 802	11, 358
1960	91	1, 233	3, 872	372	1, 796	1, 605	5, 668	470	20, 744	32, 897	11, 967
1961	85	1, 237	3, 800	341	1, 827	1, 578	5, 627	494	22, 021	34, 134	11, 854

See footnotes following Table 3 A.

TABLE 1 A. Principal Statistics - Manufacturing Activity and Total Activity, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Year and province	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ¹	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁴
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Quebec	25	273	588	635	103	4,643	6,493	1,853	21	107	353	1,002	1,874
Ontario	36	636	1,358	2,152	280	10,993	18,506	7,619	28	100	881	3,456	7,803
Manitoba	6	169	361	501	45	3,280	4,559	1,219	—	—	226	864	1,292
British Columbia	8	86	195	342	37	1,774	2,814	1,042	12	46	132	614	1,060
Other provinces	10	74	141	171	29	1,182	1,637	433			104	286	459
Totals	85	1,238	2,643	3,800	494	21,873	34,009	12,165	61	253	1,696	6,222	12,489
1962													
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	15	59	197	848	1,643
British Columbia	8	93	188	361	38	2,562	3,637	1,043			148	675	1,042
Other provinces	10	55	126	180	22	1,626	2,076	438			82	295	449
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	65	281	1,756	6,636	13,222

See Table 2 and footnotes following Table 3 A.

TABLE 1B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1961													
Under \$10,000	6	7	12	12	2	45	73	27	6	10	9	18	37
\$ 10,000 to \$ 24,999		11	21	41	49	6	253	408	152	9	40	64	174
25,000 " 49,999		10	44	94	102	15	488	774	274	18	53	115	283
50,000 " 99,999		23	135	279	365	54	2,173	3,164	1,041	19	86	173	1,133
100,000 " 199,999		20	189	459	626	75	4,343	6,134	1,705	3	15	273	1,055
200,000 " 499,999	7	190	373	444	48	3,224	4,318	1,061	—	—	252	780	1,152
500,000 " 999,999		8	652	1,386	2,202	294	11,347	19,137	7,905	6	49	908	3,713
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	8	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	85	1,238	2,643	3,800	494	21,873	34,009	12,165	61	253	1,696	6,222	12,489
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	37	99
25,000 " 49,999		14	46	99	116	19	653	1,050	390	23	89	130	403
50,000 " 99,999		20	116	243	353	49	1,943	2,767	783	16	77	154	496
100,000 " 199,999		19	176	386	588	71	4,012	5,721	1,655	8	39	237	911
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
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	9	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	82	1,258	2,699	4,078	506	25,299	38,719	12,982	63	281	1,756	6,636	13,222

See footnotes following Table 3 A.

TABLE 1C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			'000				'000		'000	
1961													
Under \$10,000	10	10	18	18	3	163	212	50	11	29	15	25	66
\$ 10,000 to \$ 24,999		16	53	112	123	20	955	1,247	283	18	64	142	298
25,000 " 49,999		20	115	237	298	42	2,149	2,839	674	15	67	144	744
50,000 " 99,999		16	115	268	367	56	2,538	3,678	1,096	10	40	171	1,131
100,000 " 199,999		13	260	579	678	96	4,378	6,123	1,679	7	54	337	1,077
200,000 " 499,999	6	182	374	477	56	3,503	5,000	1,442	—	—	264	905	1,530
500,000 " 999,999		4	503	1,057	1,838	222	8,186	14,910	6,942	—	702	3,050	6,937
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	85	1,238	2,643	3,800	494	21,873	34,009	12,165	61	253	1,696	6,222	12,489
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	150	341
25,000 " 49,999		22	132	282	388	55	2,356	3,285	878	16	78	173	529
50,000 " 99,999		12	100	221	333	48	1,732	2,687	902	12	59	136	492
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	63	281	1,756	6,636	13,222

See footnotes following Table 3 A.

TABLE 1D. Principal Statistics classified by Size Groups based on Total Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Under \$10,000	8	9	16	15	2	134	168	35	7	19	13	22	37
\$ 10,000 to \$ 24,999	16	42	88	99	17	904	1,169	260	21	71	51	113	272
25,000 " 49,999	20	116	245	307	41	2,070	2,723	635	15	60	145	406	689
50,000 " 99,999	18	126	285	385	59	2,696	3,917	1,173	11	49	184	649	1,241
100,000 " 199,999	13	260	579	678	96	4,378	6,123	1,679	7	54	337	1,077	1,784
200,000 " 499,999	6	182	374	477	56	3,503	5,000	1,442	—	—	264	905	1,530
500,000 " 999,999	4	503	1,057	1,838	222	8,186	14,910	6,942	—	—	702	3,050	6,937
1,000,000 " 4,999,999													
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	85	1,238	2,643	3,800	494	21,873	34,009	12,165	61	253	1,696	6,222	12,489
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

See footnotes following Table 2A.

TABLE 1E. Principal Statistics classified by Size Groups based on Total Employed,¹⁰ 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
1961	No.		'000			\$'000				\$'000		\$'000	
Under 5 employees	20	28	54	78	14	768	1,081	316	19	71	35	90	364
5- 14 employees	42	249	550	712	103	4,870	6,892	2,000	34	121	335	1,052	2,069
15- 49 "	16	314	657	832	107	5,912	8,409	2,423	"	"	449	1,514	2,488
50- 99 "	7	647	1,382	2,177	270	10,322	17,627	7,426	"	"	877	3,566	7,568
100-199 "													
200-499 "													
500 employees and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	85	1,238	2,643	3,800	494	21,873	34,009	12,165	61	253	1,696	6,222	12,489
1962													
Under 5 employees	19	18	42	45	13	633	907	269	26	77	21	51	273
5- 14 employees	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	"	"	462	1,735	3,385
50- 99 "	7	683	1,461	2,376	283	12,939	20,791	7,524	"	"	962	3,845	7,660
100-199 "													
200-499 "													
500 employees 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

See footnotes following Table 3A.

TABLE 1 F. Principal Statistics classified by Type of Organization, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and electricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manufacture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000						\$'000	
1961													
Individual ownerships	23	93	192	273	28	1,590	2,234	640	23	94	101	292	710
Partnerships	16	114	254	233	58	1,805	2,512	664	38	159	129	272	689
Incorporated companies	46	1,031	2,197	3,294	408	18,478	29,264	10,862	...	...	1,466	5,657	11,090
Cooperatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	85	1,238	2,643	3,800	494	21,873	34,009	12,165	61	253	1,696	6,222	12,489
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

See footnotes following Table 3 A.

TABLE 2. Industry Outputs, Inputs and Value Added, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Item	1961		1962	
	\$'000			
Manufacturing activity:				
Value of shipments—Goods of own manufacture		34,009		38,719
Add: Closing inventory—Goods in process	—		—	
Finished goods	3,006	3,006	3,006	3,006
Deduct: Opening inventory—Goods in process	—		—	
Finished goods	2,483	(2,483)	2,937	(2,937)
Gross output—Manufacturing activity		34,532		38,788
Deduct: Cost of materials and supplies used in manufacturing activity	21,873		25,299	
Cost of fuel and electricity used.....	494	(22,367)	506	(25,805)
Value added—Manufacturing activity		12,165		12,982
Non-manufacturing activities:				
Value of shipments—Goods not of own manufacture.....		..		2,900
Add: All other revenue .....	..		15	
Closing inventory—Goods purchased for resale	107	..	83	98
Deduct: Purchases of goods for resale as such.....	..		2,640	
Opening inventory—Goods not of own manufacture	76		109	
Cost of all other materials and supplies used.....	..	(..)	10	(2,759)
Value added—Non-manufacturing activities.....		324		239
Total value added.....		12,489		13,222

See footnote following Table 3 A.

TABLE 3. Employment and Payroll, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office ²		Sales, and distribution ³		Total employees ^{7,9}		Production and related workers		Admin- istrative and office	Sales, and distri- bution	Total salaries and wages
	Manufacturing ⁴		Other ⁵		Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	Male	Female	Male	Female											
	number										\$'000				
1961															
Quebec	166	107	..	..	..	..	..	..	234	119	635	..	..	..	1,002
Ontario	435	201	..	..	..	..	..	..	643	238	2,152	..	..	..	3,456
Manitoba	124	45	..	..	..	..	..	..	169	57	501	..	..	..	864
British Columbia	53	33	..	..	..	..	..	..	91	41	342	..	..	..	614
Other provinces	50	24	..	..	..	..	..	..	68	36	171	..	..	..	286
Totals	828	410	..	..	..	..	..	..	1,205	491	3,800	..	..	..	6,222
1962															
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
British Columbia	57	36	—	—	10	10	26	9	93	55	361	—	142	172	675
Other provinces	33	22	—	—	4	6	12	5	49	33	180	—	49	66	295
Totals	840	418	—	—	217	87	178	16	1,235	521	4,078	—	1,664	893	6,636

See footnotes following Table 3 A.

TABLE 3 A. Production and Related Workers,⁴— Manufacturing Activity, by Months, 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Month	Establishments reporting monthly detail	
	Male	Female
	number	
January	753	388
February	761	394
March	765	395
April	776	398
May	800	427
June	832	465
July	827	464
August	804	430
September	767	395
October	768	384
November	777	386
December	789	368
Average for establishments reporting monthly detail (collected only for large establishments)	782	408
Average for small establishments (only annual averages collected)	58	10
Monthly averages	840	418

¹ See Table 2 and Explanatory Notes concerning manufacturing and non-manufacturing activities.

² See Explanatory Notes.

³ This category, in this table only, includes working owners and partners. Since administrative and office employees are engaged in a variety of activities they have been excluded from manufacturing activity beginning with the revised 1961 series shown in the following tables. They are included here for purposes of comparison with the tabulations of previous years.

⁴ Conceptually identical to previous years. See Explanatory Notes.

⁵ Cannot be reported separately for manufacturing and non-manufacturing activities but related substantially to manufacturing activity. Identical concept to previous years.

⁶ Working owners and partners were included with administrative and office employees in the "Manufacturing series" published in former years. See Explanatory Notes.

⁷ Includes production and related workers, administrative and office employees, sales distribution and other employees. See Explanatory Notes for the treatment of head office employees and those employed in auxiliary units.

⁸ Value of total shipments and other operational revenue less total cost of materials, supplies, fuels used and purchases of products and materials for resale in the same condition; all adjusted for inventory changes where required. See Table 2 and Explanatory Notes.

⁹ Sales and distribution workers and production workers (non-manufacturing) are included for the first time as a result of the full implementation of the new definition of the establishment. The figures for production workers (non-manufacturing), administrative and office employees and sales and distribution workers are not yet available for 1961 but form part of total employees. Sales and distribution workers may include some employees that are reported as part of a manufacturing establishment but are not working at the establishment's location. Head offices, sales offices, etc., which report separately are included in the figures for the province in which they are located.

¹⁰ Includes paid employees and working owners but excludes unpaid family workers.

¹¹ Confidential data.

Note: Figures may not add due to rounding.

TABLE 4. Materials and Supplies Used in Manufacturing Activity, 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Cost
	lb.	\$'000
1. Materials used:		
Meat	50,171,125	15,626
Flour	1,653,255	150
Seasonings (pepper, spice, etc.) .....	...	581
Salt	4,572,305	71
Sugar	258,410	25
Sausage casings:		
Natural, not cleaned .....	...	460
Natural, cleaned .....	...	754
Synthetic .....	...	571
Vegetables .....	...	205
All other materials and components used ² .....	...	4,280
2. Containers and other packaging materials and supplies used		1,150
3. Operating, maintenance and repair supplies used (excluding fuel)		1,383
4. Amount paid out to others for work done on materials owned by establishments		43
Total		25,299

¹ See Explanatory Notes.

² No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. In 1962 these estimated costs were \$1,096,772.

TABLE 5. Fuel and Electricity Used¹ in Manufacturing Activity,² 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept³

Description	Quantity	Cost
		\$'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	ton 5,783	72
Lignite coal	—	—
Coke	ton 12	1
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 340,725	125
Fuel oil including kerosene or coal oil	" 262,674	43
Wood	cord 178	3
Gas:		
(a) Liquefied petroleum gases	Imp. gal. 37,817	9
(b) Other manufactured gas	—	—
(c) Natural gas	M cu. ft. 62,356	48
Other fuel .....	...	1
Electricity purchased	kwh. 16,376,006	175
Steam purchased .....	...	1
2. Estimate for small establishments for which no data were collected:		
Fuel and electricity .....	...	26
3. All establishments:		
Total fuel and electricity used .....	...	506

¹ Does not include fuel and electricity produced for own use.

² Includes only fuel and electricity purchased. Conceptually identical to previous years in that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

³ See Explanatory Notes.

TABLE 6. Shipments of Goods of Own Manufacture, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Value
	lb.	\$'000
1. Products:		
Meats; fresh and frozen	5,538,111	2,353
Poultry; fresh and frozen	124,926	56
Cured and smoked meats	4,214,471	2,997
Fresh sausages, pure pork	5,625,903	2,391
Fresh sausage, other	9,191,498	4,211
Bologna	10,648,955	3,097
Wieners and frankfurters	11,048,826	4,263
Salami	4,011,865	2,730
Blood pudding	2,082,459	615
Sausage casings, natural and synthetic .....	...	6,029
Boiled ham, cooked	715,777	559
Other sausage and cooked meats	8,759,702	5,281
All other products .....	...	4,182
2. Amount received in payment for work done on materials and products owned by others		2
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above		(46)
Net adjustment for establishments receiving progress payments ² .....		...
Total adjusted value of shipments and work done		38,719

¹ See Explanatory Notes.

² See footnote 1, Table 7.

TABLE 7. Industry Inventories, 1962¹
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

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:³						
Quebec	—	—	364	364	24	388
Ontario	—	—	2,126	2,126	53	2,179
Manitoba	—	—	233	233	6	239
British Columbia	—	—	139	139	1	140
Other provinces	—	—	75	75	26	101
Totals⁴	—	—	2,937	2,937	109	3,046
Closing:						
Quebec	—	—	423	423	12	435
Ontario	—	—	2,119	2,119	35	2,154
Manitoba	—	—	230	230	6	236
British Columbia	—	—	145	145	4	149
Other provinces	—	—	88	88	26	114
Totals⁴	—	—	3,006	3,006	83	3,089

¹ Values represent book values of inventories 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.

² See Explanatory Notes.

³ The opening inventories may differ from the closing inventories for the previous survey 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.

⁴ Figures may not add due to rounding.

List of Establishments, 1962

Name	Address
Newfoundland:	
Parsons & Sons, R.F.	St. John's
Nova Scotia:	
Dacre Brand Sausage Co.	Alexandra St., Sydney
Eastern Sausage Reg'd., The	Glace Bay
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 Blvd. Henri-Bourassa Quebec
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 Hygiénique Enr.	27, rue St-Francois, Ouest, Québec
Dionne Sausage Inc., Saucisse	440, rue Sicard, Montréal
European Sausage Ltd.	1742 Richardson St., Montreal
Fantino & Mondello Ltd.	294 Port Royal West, Montreal
Gaudreau & Frères	Magog
Leong Jung Co.	92 Lagauchetière St. W., Montreal
Levitt's Strictly Kosher Delicatessen Products Ltd.	4420 St. Dominique St., Montreal
Massey's	2581 Masson Rosemount
Meinick's Food Products Inc.	1990 Parthenais St. Montreal
Produits Bon Gôût Inc.	2567 rue Notre-Dame Ancienne Lorette
Produits Gano Enr.	18 rue Laurier Victoriaville
Produits 4 Étoiles Enr., Les	74, rue St-Luc Chicoutimi
Quebec Smoked Meat Products Co.	1889 Centre St., Montreal
Sepp's Sausage & Delicatessen Co.	4444 Colonial St., Montreal
Tailleur & Fils Inc.	500 Beaumont Ave., Montreal
Trépanier, Laurent	14, rue St-Laurent, St-Eustache
Venetian Salami Co. Ltd.	130 Beaumont St., Montreal
Ontario:	
Arvebo Meats	Wallacetown
Belvedere Salami Co.	544 Wentworth St. N., Hamilton
Bittner Packers Ltd.	21 Medulla Ave., Etobicoke
Caldwell's Foods Ltd.	45 Ripley Ave., Toronto
Chatham Packing Co.	20 Adelaide St. S., Chatham
Continental Butchers	7 Morley St. Hamilton
Darrigo's Italian Food Products Ltd.	16 Jutland Rd., Toronto
Fiedler Ltd., H.W.	220 Fergus Ave., Kitchener
Golden Mile Meat Packers	64 Crockford Blvd., Scarborough
Greenspan's Kosher Sausage Co.	172 Harbord St., Toronto
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
Morrison Meat Packers Co., Ltd.	R.R. 1 Galt
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. of Canada Ltd.	Stratford
Oshawa Meat Products	R.R. 3, Kingston Rd., W., Oshawa
Piller Sausages & Delicatessens Ltd.	R.R. 2, Waterloo
Sandwich Sausage Co.	1567 Crawford Ave, Windsor
Scheffler Meat Packing, Rudolf	P.O. Box 26, Laurel

List of Establishments, 1962 - Concluded

Name	Address
Ontario - Concluded:	
Shopsy's Foods, Ltd.	2 Huxley Rd., Weston
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
Toronto Sausage Plant	889 Queen St. W., Toronto
Twin City Meat Products Co.	605 McTavish St., Fort William
Union Kosher Sausage Co. Ltd.	56 Lippincott St., Toronto
Venetian Meat & Sausage Co. Ltd.	947 Burlington St. E., Hamilton
Vienna Meat & Sausage Co.	1050 Birchmount Rd., Toronto
Visking Ltd. (Division of Union Carbide Canada Ltd.)	150 Colbourne St. E., Lindsay
Wagner's Sausage	90 Earl St., Hamilton
Manitoba:	
Central Products & Foods Ltd.	630 Naim Ave., Winnipeg
Chicago Kosher Sausage Mfg. Co. Ltd.	358 Flora Ave., Winnipeg
European Sausage Co.	533 Burrows Ave., Winnipeg
Frontier Meat & Sausage Co., The	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 & Co. Ltd.	1501 Tenth Avenue, Regina
Alberta:	
Old Country Sausage Shop	813 - 1st Ave. N. 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.	141 Hawkes Ave., Vancouver
Freybe Bros. Mfg. Ltd.	325 Railway St., Vancouver
Kam Yen Jan (1948) Ltd.	223 Keefer St., Vancouver
Kohler's European Sausage Ltd.	Jackman Rd., 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. Principal Statistics - Manufacturing Activity, 1957-61
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Year	Estab- lish- ments	Employees						Cost of fuel and elec- tricity ⁴	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴
		Production and related workers ⁴		Administrative and office employees ³		Total ⁴					
		Number	Wages	Number	Salaries	Number	Salaries and wages				
	No.		\$'000		\$'000		\$'000				
1957	17	271	893	76	379	347	1,272	366	2,793	5,934	..
1958	18	291	1,002	87	450	378	1,451	348	3,647	7,381	3,510
1959	18	288	1,102	91	530	379	1,632	351	4,072	7,785	3,339
1960	18	303	1,096	90	547	393	1,642	384	2,721	6,347	3,224
1961	17	353	1,347	98	509	451	1,857	477	4,187	9,862	5,322

See footnotes following Table 3 A.

TABLE 1 A. Principal Statistics - Manufacturing Activity and Total Activity, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Year and province	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ³	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁴
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Ontario	10	154	349	517	300	1,977	5,011	2,727	3	8	289	1,136	2,738
Nova Scotia	1	131	372	548	177	2,210	4,851	2,600	—	—	165	734	2,860
Quebec	2												
Manitoba	1												
Alberta	1												
British Columbia	2												
Totals	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
1962													
Ontario	11	185	411	645	297	1,698	4,842	2,895	11	11	258	1,074	2,979
Nova Scotia	1	167	423	660	201	3,013	5,331	2,204	11	11	208	937	2,313
Quebec	2												
Manitoba	1												
Alberta	3												
British Columbia	2												
Totals	20	352	834	1,305	498	4,711	10,173	5,099	4	20	466	2,011	5,292

See Table 2 and footnotes following Table 3 A.

TABLE 1B. Principal Statistics classified by Size Groups based on Shipments of Goods of Own Manufacture, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁴
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	4	10	23	27	8	96	214	112	3	8	16	46	112
50,000 " 99,999		—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	6	68	173	222	85	394	1,156	676	—	—	86	268	677
200,000 " 499,999		—	—	—	—	—	—	—	—	—	—	—	—
500,000 " 999,999	7	207	527	816	383	3,697	8,492	4,539	—	—	352	1,556	4,809
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
1962													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	5	12	28	40	6	157	244	80	4	20	14	47	81
50,000 " 99,999		—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	8	93	235	327	105	634	1,571	880	—	—	115	403	879
200,000 " 499,999		—	—	—	—	—	—	—	—	—	—	—	—
500,000 " 999,999	7	247	571	938	387	3,920	8,357	4,139	—	—	337	1,561	4,332
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

See footnotes following Table 3A.

TABLE 1C. Principal Statistics classified by Size Groups based on Manufacturing Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁴
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	4	10	23	27	8	96	214	112	3	8	16	46	112
50,000 " 99,999		—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	5	54	136	173	63	330	837	434	—	—	66	208	435
200,000 " 499,999		102	246	383	185	1,064	2,868	1,642	—	—	159	698	1,746
500,000 " 999,999	3	119	317	481	221	2,697	5,943	3,140	—	—	213	918	3,306
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
1962													
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	—	—	—	—	—	—	—	—	—	—	—	—	—
25,000 " 49,999	6	16	38	58	10	243	374	125	4	20	19	70	125
50,000 " 99,999		—	—	—	—	—	—	—	—	—	—	—	—
100,000 " 199,999	6	74	186	256	81	489	1,148	622	—	—	89	315	621
200,000 " 499,999		103	241	385	151	1,266	2,966	1,578	—	—	129	532	1,695
500,000 " 999,999	3	159	368	605	256	2,713	5,686	2,775	—	—	229	1,094	2,850
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

See footnotes following Table 3A.

TABLE 1 D. Principal Statistics classified by Size Groups based on Total Value Added, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
1961	No.		'000			\$'000				\$'000		\$'000	
Under \$10,000	—	—	—	—	—	—	—	—	—	—	—	—	—
\$ 10,000 to \$ 24,999	4	10	23	27	8	96	214	112	3	8	16	46	112
25,000 " 49,999		54	136	173	63	330	837	434	—	—	66	208	435
50,000 " 99,999		102	246	383	185	1,064	2,868	1,642	—	—	159	698	1,746
100,000 " 199,999	5	102	246	383	185	1,064	2,868	1,642	—	—	159	698	1,746
200,000 " 499,999	3	119	317	481	221	2,697	5,943	3,140	—	—	213	918	3,306
500,000 " 999,999		—	—	—	—	—	—	—	—	—	—	—	—
1,000,000 " 4,999,999		—	—	—	—	—	—	—	—	—	—	—	—
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
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		74	186	256	81	489	1,148	622	—	—	89	315	621
50,000 " 99,999		103	241	385	151	1,266	2,966	1,578	—	—	129	532	1,695
100,000 " 199,999	5	103	241	385	151	1,266	2,966	1,578	—	—	129	532	1,695
200,000 " 499,999	3	159	368	605	256	2,713	5,686	2,775	—	—	229	1,094	2,850
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

See footnotes following Table 3 A.

TABLE 1 E. Principal Statistics classified by Size Groups based on Total Employed,¹² 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept²

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec- tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu- facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
1961	No.		'000			\$'000				\$'000		\$'000	
Under 5 employees	7	34	87	116	39	296	716	374	3	8	46	149	375
5- 14 employees		251	634	949	437	3,691	9,146	4,953	—	—	406	1,721	5,223
15- 49 "		—	—	—	—	—	—	—	—	—	—	—	—
50- 99 "	10	—	—	—	—	—	—	—	—	—	—	—	—
100-199 "		—	—	—	—	—	—	—	—	—	—	—	—
200-499 "		—	—	—	—	—	—	—	—	—	—	—	—
500 employees and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
1962													
Under 5 employees	8	26	61	95	20	393	678	275	4	20	36	129	275
5- 14 employees		326	772	1,209	477	4,318	9,495	4,824	—	—	430	1,882	5,016
15- 49 "		—	—	—	—	—	—	—	—	—	—	—	—
50- 99 "	12	—	—	—	—	—	—	—	—	—	—	—	—
100-199 "		—	—	—	—	—	—	—	—	—	—	—	—
200-499 "		—	—	—	—	—	—	—	—	—	—	—	—
500 employees 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

See footnotes following Table 3 A.

TABLE 1F. Principal Statistics classified by Type of Organization, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Type of organization	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers ⁴			Cost of fuel and elec-tricity ⁵	Cost of materials and supplies	Value of shipments of goods of own manu-facture ⁴	Value added ⁴	Working owners and partners ⁶		Total employees ⁷		Total value added ⁸
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Individual ownerships	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,598
Partnerships		—	—	—	—	—	—	—	—	—	—	—	—
Incorporated companies		—	—	—	—	—	—	—	—	—	—	—	—
Cooperatives	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	17	285	721	1,065	477	4,187	9,862	5,327	3	8	454	1,870	5,590
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	10,173	5,099	4	20	466	2,011	5,292

See footnotes following Table 3 A.

TABLE 2. Industry Outputs, Inputs and Value Added, 1961 and 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept²

Item	1961	1962
	\$'000	
Manufacturing activity:		
Value of shipments—Goods of own manufacture	9,862	10,173
Add: Closing inventory—Goods in process	—	—
Finished goods	445	588
Deduct: Opening inventory—Goods in process	—	—
Finished goods	317	453
Gross output—Manufacturing activity	9,990	10,308
Deduct: Cost of materials and supplies used in manufacturing activity	4,187	4,711
Cost of fuel and electricity used	477	498
Value added—Manufacturing activity	5,327	5,099
Non-manufacturing activities:		
Value of shipments—Goods not of own manufacture .....	..	2,916
Add: All other revenue .....	..	5
Closing inventory—Goods purchased for resale	2	8
Deduct: Purchases of goods for resale as such .....	..	2,672
Opening inventory—Goods not of own manufacture	—	2
Cost of all other materials and supplies used .....	..	62
Value added—Non-manufacturing activities	671	193
Total value added	5,998	5,292

See footnote following Table 3 A.

TABLE 3. Employment and Payroll, 1961 and 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office ²		Sales, and distribution ³		Total employees ^{7,9}		Production and related workers		Admin- istra- tive and office	Sales, and distri- bution	Total salaries and wages
	Manufacturing ⁴		Other ⁵												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
1961	number										\$'000				
Ontario	147	7	..	..	..	..	..	..	271	18	517	..	..	..	1,135
Nova Scotia	131	—	..	..	..	..	..	..	158	7	548	..	..	..	735
Quebec															
Manitoba															
Alberta															
British Columbia															
Totals	278	7	..	..	..	..	..	..	429	25	1,065	..	..	..	1,870
1962	number										\$'000				
Ontario	185	—	—	—	37	12	24	—	246	12	645	—	288	141	1,074
Nova Scotia	162	5	—	—	32	9	—	—	194	14	659	—	277	—	937
Quebec															
Manitoba															
Alberta															
British Columbia															
Totals	347	5	—	—	69	21	24	—	440	26	1,305	—	566	141	2,011

See footnotes following Table 3 A.

TABLE 3 A. Production and Related Workers,⁴—Manufacturing Activity, by Months, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Month	Establishments reporting monthly detail ¹⁰	
	Male	Female
	number	
January	332	5
February	326	5
March	335	5
April	336	5
May	343	5
June	351	5
July	351	5
August	351	5
September	355	5
October	368	5
November	361	5
December	360	5
Monthly averages	347	5

¹ See Table 2 and Explanatory Notes concerning manufacturing and non-manufacturing activities.

² See Explanatory Notes.

³ This category, in this table only, includes working owners and partners. Since administrative and office employees are engaged in a variety of activities they have been excluded from manufacturing activity beginning with the revised 1961 series shown in the following tables. They are included here for purposes of comparison with the tabulations of previous years.

⁴ Conceptually identical to previous years. See Explanatory Notes.

⁵ Cannot be reported separately for manufacturing and non-manufacturing activities but related substantially to manufacturing activity. Identical concept to previous years.

⁶ Working owners and partners were included with administrative and office employees in the "Manufacturing series" published in former years. See Explanatory Notes.

⁷ Includes production and related workers, administrative and office employees, sales distribution and other employees. See Explanatory Notes for the treatment of head office employees and those employed in auxiliary units.

⁸ Value of total shipments and other operational revenue less total cost of materials, supplies, fuels used and purchases of products and materials for resale in the same condition; all adjusted for inventory changes where required. See Table 2 and Explanatory Notes.

⁹ Sales and distribution workers and production workers (non-manufacturing) are included for the first time as a result of the full implementation of the new definition of the establishment. The figures for production workers (non-manufacturing), administrative and office employees and sales and distribution workers are not yet available for 1961 but form part of total employees. Sales and distribution workers may include some employees that are reported as part of a manufacturing establishment but are not working at the establishment's location. Head offices, sales offices, etc., which report separately are included in the figures for the province in which they are located.

¹⁰ The monthly detail of production workers was not collected from small establishments. Annual averages reported by these establishments were included in each month's total.

¹¹ Confidential data.

¹² Includes paid employees and working owners but excludes unpaid family workers.

Note: Figures may not add due to rounding.

TABLE 4. Materials and Supplies Used in Manufacturing Activity, 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Cost
	lb.	\$'000
1. Materials used:		
Animal oil and fats, all kinds	65,013,972	1,948
Bones, dried and green	128,658,059	1,700
Tankage and offal	37,112,986	262
All other materials and components used ² .....	...	493
2. Containers and other packaging materials and supplies used		107
3. Operating, maintenance and repair supplies used (excluding fuel)		196
4. Amount paid out to others for work done on materials owned by establishments		4
Total		4,711

¹ See Explanatory Notes.

² No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. In 1962 these estimated costs were \$332,205.

TABLE 5. Fuel and Electricity Used¹ in Manufacturing Activity,² 1962

Basis: Revised Standard Industrial Classification and New Establishment Concept³

Description	Quantity	Cost
		\$'000
1. Large establishments which reported commodity detail:		
Bituminous coal:		
(a) From Canadian mines	ton 2,913	36
(b) Imported	" 676	9
Sub-bituminous coal (from Alberta mines only)	—	—
Anthracite coal	ton 462	6
Lignite coal	—	—
Coke	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal. 536,770	165
Fuel oil including kerosene or coal oil	" 1,564,789	125
Wood	—	—
Gas:		
(a) Liquefied petroleum gases	Imp. gal. 967	—
(b) Other manufactured gas	—	—
(c) Natural gas	M cu. ft. 64,761	29
Other fuel	—	—
Electricity purchased	kwh. 6,608,523	82
Steam purchased .....	...	—
2. Estimate for small establishments for which no data were collected:		
Fuel and electricity .....	...	44
3. All establishments:		
Total fuel and electricity used .....	...	496

¹ Does not include fuel and electricity produced for own use.

² Includes only fuel and electricity purchased. Conceptually identical to previous years in that it also includes relatively small amounts used in non-manufacturing activities since these cannot be reported separately.

³ See Explanatory Notes.

TABLE 6. Shipments of Goods of Own Manufacture, 1962
Basis: Revised Standard Industrial Classification and New Establishment Concept¹

Description	Quantity	Value
		\$'000
1. Products:		
Tankage, raw..... lb.	37,627,096	1,611
Tankage, processed (bone and meat meal)..... "	52,663,360	2,585
Tallow and grease..... "	86,211,902	5,375
Hides and skins..... No.	8,048	42
All other products.....	...	571
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)
Net adjustment for establishments receiving progress payments ²		-
Total adjusted value of shipments and work done.....		10,173

¹ See Explanatory Notes.

² See footnote 1, Table 7.

TABLE 7. Industry Inventories, 1962¹
Basis: Revised Standard Industrial Classification and New Establishment Concept²

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:³						
Ontario.....	-	-	116	116	-	116
Nova Scotia.....	}	-	337	337	2	339
Quebec.....						
Manitoba.....						
Alberta.....	}	-	453	453	2	455
British Columbia.....						
Totals⁴	-	-	453	453	2	455
Closing:						
Ontario.....	-	-	164	164	-	164
Nova Scotia.....	}	-	424	424	8	432
Quebec.....						
Manitoba.....						
Alberta.....	}	-	586	588	8	596
British Columbia.....						
Totals⁴	-	-	586	588	8	596

¹ Values represent book values of inventories 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.

² See Explanatory Notes.

³ The opening inventories may differ from the closing inventories for the previous survey 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.

⁴ Figures may not add due to rounding.

List of Establishments, 1962

Name	Address
Nova Scotia:	
Maritime Processing Co. Ltd.	Truro
Quebec:	
Gentilly Rendering Inc.	Gentilly, Co. Nicolet
Longueuil Meat Exporting Co. Ltd.	Rivière-des-Prairies
Ontario:	
Banner Rendering & Packing Co. Ltd.	100 Glen Scarlett Rd., Toronto
Dundas Valley Food Products Ltd.	P.O. Box 60, Dundas
Darling & Co. of Canada Ltd.	Park & Whitehall Sts., Chatham
McAlpin Rendering.	McAlpin
Ontario Rendering Co. Ltd.	Dundas
Rowan Bros.	1 Market St., Toronto
St. Lawrence Rendering Co. Ltd.	Cornwall
Seaway Rendering Ltd.	275 Ste. Germaine Ave., Toronto
Toronto Tallow Refinery.	645 King St. E., Toronto
Young Ltd., Gordon.	554 Lakeshore Blvd., Toronto
Young (Elmira) Ltd., Gordon.	Elmira
Manitoba:	
Mid-West Rendering Ltd.	607 Dawson Rd., St. Boniface
Alberta:	
Alberta Processing Co.	Ogden
City Rendering Co.	1027-26th Ave. S.E., Calgary
Edmonton Rendering Co. Ltd.	6121-129th Ave., Edmonton
British Columbia:	
Island Processing Ltd.	Westholme
Young (B.C.) Ltd., Gordon.	470 Kent Ave., Vancouver

EXPLANATORY NOTES

This report is one in a series of about 140 publications which present the results of the 1962 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and special reports on geographical distribution and on type of ownership and size of establishments.

With the publication of the results of the 1962 Census of Manufactures, the Bureau has completed a major revision in the classification and concept of its annual census of manufacturing establishments. Because of its size and complexity, this project had to be carried out in three stages. The first stage was the change in classification and the results of the 1960 Census, together with the re-compilation of the 1957, 1958 and 1959 Censuses were published in the 1960 reports on the basis of the revised Standard Industrial Classification. This part of the project was confined entirely to a re-coding of existing reporting units. The second stage consisted of the implementation of the new definition of the reporting unit i.e. "establishment" as it applied to **manufacturing activities** of manufacturing establishments (See following note on "Establishment"). Results of the 1961 Census reflected this change in concept and, in order to provide comparability of data for recent years, the 1961 reports contained principal statistics on the basis of the new establishment definition for years back to 1957.

The third stage which was the extension of the definition of the establishment to cover **total activities** of manufacturing establishments is reflected in the statistics for 1961 and 1962 contained in this report. This full implementation of the new definition of the establishment has resulted in an extension of the data to non-manufacturing activities of manufacturing establishments and in additional changes in the 1961 statistics of manufacturing activities. Statistics on manufacturing activities will continue to be shown separately as in the past but, beginning with 1961, data on all operations (total activity) of manufacturing establishments will also be given. By definition "total activity" relates to all operational data and excludes such non-operational items as rent, interest and dividends. In addition, statistics on man-hours paid will be included as part of the regular series of industry statistics. For many industries, adjustments and revisions were made to the 1961 data on **manufacturing activities** which were published during the second stage to bring them in line with reporting procedures followed in the 1962 Census and to reflect the final application of the new concept. The 1961 statistics on manufacturing activities contained in this report are thus not entirely comparable with those published in the 1961 reports. However, the 1961 statistics are shown in this publication in both their original and revised forms in order to provide a link with the immediate past. A more complete account of recent changes and additions and brief descriptions of the principal industry statistics are given in following sections of these notes.

Standard Industrial Classification

The revised Standard Industrial Classification which was introduced with the 1960 Census of Manufactures and applied to the results of the 1957, 1958 and 1959 censuses provides for a breakdown of the manufacturing universe into 140 industries arranged in 20 major groups. Custom Tailoring Shops is the only industry class in the Manufacturing Industries Division of the classification which is not covered in the annual Census of Manufactures. It is surveyed as part of the Decennial Census of Merchandising and Service Establishments. Of the 140 "three-digit" industry classes in the Manufacturing Industries Division, 21 are further broken down into 67 "four-digit" sub-classes. With the exception of the Wood Preservation and Sound Recording industries, the figures for which are at present confidential and have to be included with those of related industries, the statistics for all of the "four-digit" sub-classes are published regularly. Thus, at the Canada level, principal statistics are compiled for 183 industries. These cannot all be published separately by province because of the confidential nature of the data in certain provinces.

Reporting establishments are classified or allotted to specific industries in the classification system on the basis of the value of principal products made or shipped. In general, establishments primarily engaged in repair work (Shoe Repair Shops, Motor Vehicle Repair Shops etc.) are not included in manufacturing industries. Exceptions are establishments primarily engaged in furniture, ship, boat, aircraft and railroad rolling stock repairs which are classified to the manufacturing industries producing the products involved. Establishments primarily engaged in assembling parts into complete units have always been included in manufacturing industries.

Full details concerning the revised classification system are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics.

It should be noted that two new industries (Poultry Processors and Dental Laboratories) and three new groups of establishments (book publishers in the Publishing Industry, electro-plating establishments in the Metal Stamping, Pressing and Coating Industry and prescription branches in the Ophthalmic Goods Manufacturers Industry) have been included in the 1961 (revised) and 1962 Census statistics and will continue to be included thereafter. They were surveyed for the first time in the 1960 Census (1961 Census in the case of prescription branches) in line with the revised classification but, since they did not represent new production, they were removed from the 1960 and 1961 compilations published in the 1961 Census reports in order to provide complete comparability of data over the period 1957-61. Statistics for this period are repeated in the 1962 reports to supply a link with the revised 1961 data and the new 1962 statistics.

Establishment

The reporting unit in the Census of Manufactures is the **establishment**. The majority of establishments are firms, but many firms have more than one manufacturing establishment. Such firms are requested to submit a separate Census of Manufactures report for each manufacturing establishment which can meet the reporting requirements described below.

Beginning with the 1961 Census of Manufactures the establishment is defined as follows:

"The smallest unit which is a separate operating entity capable of reporting all 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,
- Inventories,
- Shipments or sales."

Following is a description of the main features of the new establishment concept introduced in the 1961 Census, how they differ from those of the old "activity" concept and the steps taken to correct for breaks in continuity.

(a) The establishment is to be distinguished from smaller subdivisions or departments which do not have records that permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in activities which were classifiable to different industries. Beginning with 1961, separate reports for such activities are required only in cases where accounting records can provide the necessary input and output elements of principal statistics. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.¹

(b) A manufacturing establishment is typically a factory, mill or plant principally engaged in manufacturing activities. Prior to 1961, the Census of Manufactures attempted to cover the manufacturing activities of all establishments, whether or not they were primarily engaged in manufacturing. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in manufacturing are no longer included as manufacturing establishments in the basic industry statistics.¹

¹ Most of these adjustments were made when the results of the 1961 Census were being compiled. Since publication of these results in the 1961 reports additional adjustments were made to the 1961 data, as noted earlier, and these are reflected, where applicable, in the revised 1961 statistics contained in this report.

Again, adjustments were made to reflect the removal of such reporting units for the period 1957-60. These reporting units are now listed as establishments in other Bureau surveys, such as Wholesale Trade, Construction etc. This has resulted in a somewhat smaller universe represented by the Census of Manufactures. In terms of overall 1960 Census results, the number of establishments transferred to other industries totalled 2,786 or 8% but these represented only 0.7% of total employment and of total value of shipments of manufactured products. In order, however, to maintain complete coverage of certain commodity items produced mainly in manufacturing establishments, many non-manufacturing establishments are now surveyed by the Industry Division for commodity shipments only and the latter are included in those tables of industry reports showing shipments of certain commodities "from all industries".

(c) A manufacturing establishment may be, and often is, engaged in other activities in addition to its principal manufacturing activity. Prior to 1961 the main emphasis in the Census of Manufactures was on manufacturing activity. Beginning with 1961, each establishment reports on all the activities carried out within its accounting boundaries (except income from investments such as rent, interest and dividends) and data on different activities (manufacturing, trading in goods not of own manufacture, construction by own labour force, revenue from services etc.) are requested separately. However, the statistics published in the 1961 reports were confined to manufacturing activity only in order to maintain comparability with previous years and to permit a more thorough audit of the new data. The 1962 reports contain principal statistics on total activities of manufacturing establishments for 1961 and 1962 with the main elements of manufacturing activity shown separately as in the past. It should be noted that the statistics for separate activities are not completely consistent. Some respondents cannot distinguish in their records materials, shipments and inventories relating to own manufacturing activities from those relating to goods not of their own manufacture or to other activities and can report operational data in total only under manufacturing activity. This situation has always existed, however, and is not considered important enough to invalidate the use of the data in the measurement of manufacturing as an "activity". The values assigned by the respondent to materials and shipments of own manufactured goods include costs in varying degrees that relate to internal (to the establishment) transportation, warehousing and selling activities, but it is not possible to make adjustments to arrive at a uniform valuation for manufacturing activity only; although valuation at the establishment "boundary" must be accepted, the items valued under manufacturing activities still relate, in most cases, to "goods of own manufacture". In the case of employment only data on manufacturing production workers and manufacturing man-hours can be assigned, in total, to manufacturing activity; administrative and office employees can seldom be allocated to separate activities.

Complete consistency, therefore, can be obtained only at the "all operations" (total activity) level, and for studies or statistical measures requiring accurate co-ordinated data, the "total" statistics should be used.

(d) Additional changes resulted from intensive editing and follow-up consistent with the introduction of the new concept. An example of such changes is the provision for the elimination, in total, of sales taxes and outward transportation charges from value of shipments. Prior to 1961, although the value of shipments for each product was requested excluding taxes and transportation charges, no allowance had been made for the reporting of these items in total when the respondents' records did not permit their deduction from the values of the individual products. Another example is a change in the valuation of shipments where, prior to 1961, a manufacturing company operating warehouses or sales outlets was reporting value of shipments in terms of an estimated manufacturer's price in accordance with the old activity concept, even though his records were not kept on this basis. Since the accounting boundary in such cases extends to distribution operations, the respondent was instructed in 1961 to report shipments at the final selling price in order to obtain more realistic and accurate data.² Adjustments were made to the value of shipments for the period 1957-60 to reflect such changes and maintain continuity of the shipments data. Since no actual data to make these corrections were available for back years, 1961 adjustment ratios were applied to the previous years for each industry affected, on the assumption that the valuation changes in 1961 applied in equal proportions to the preceding period.³

(e) The new concept also demands that inventories held apart from plant be included with plant inventories if establishment boundaries extend to warehouses and sales outlets. Prior to 1961, compilations took into account only the inventories held at plant. In this case, however, most of the missing data were available from supplementary questions in the Annual Census and from the Monthly Inventories and Shipments Survey and actual corrections could be made for previous years.

² Some manufacturing firms operate sales branches or selling warehouses as separate sales establishments for which complete accounting records of receipts, expenses, employment and sales are maintained. In such cases the plants, in effect, "sell" to the sales outlets on much the same basis as they would to independent buyers. The value of plant shipments is based on factory prices and the "boundary" of the manufacturing establishment does not extend beyond the plant. The sales outlets in such cases constitute separate sales establishments and are classified to wholesale or retail trade. Some sales outlets of manufacturing firms, although they physically handle products of the plants, do not maintain separate accounts and are generally treated for statistical purposes as extensions of manufacturing operations. Special arrangements were made for separate reporting in a few cases where the treatment of such outlets as manufacturing extensions would seriously affect the significance of statistics for particular manufacturing and trade industries.

³ See footnote 1.

(f) Prior to 1961 the Census of Manufactures did not have complete coverage of head and administrative offices and had never surveyed separate sales offices, warehouses or laboratories operated by manufacturing firms. Beginning with the 1961 survey, complete coverage of these auxiliary units was effected. In the past the employment and salaries and wages of those head and administrative offices that were surveyed were either coded in total to the industry in which the greatest portion of the company's manufacturing activities was classified or else, in the case of certain large multi-unit firms with establishments in several industries, were pro-rated among the different industries involved. In the original 1961 statistics published in 1961 reports, the same coverage and treatment of head offices was applied to maintain comparability over the 1957-61 period. Beginning with the revised 1961 statistics, all head offices and auxiliary units are covered and are processed according to the methods described below.

1. Single-Establishment Companies

In the great majority of cases central administrative and executive personnel of companies consisting only of one establishment are generally located at the site of the manufacturing plant and are automatically included in the plant reports. Where head offices and auxiliary units are geographically separate from plant locations and employ a sizeable number of workers they are surveyed on special questionnaires.

Separately located head offices, sales offices, administrative offices and other separate auxiliary units (laboratories, warehouses, etc.) do not usually constitute separate establishments⁴ for purposes of industry statistics since they do not normally generate operational revenues but give rise only to costs of operation (mainly salaries and wages) which make up part of the selling price of manufactured products and which are thus included in the value of shipments or sales. Where such units belong to single-establishment companies, they will be considered as extensions of the establishment's boundaries and their operations consolidated with the establishment's total activity.

2. Multi-Establishment Companies

In the case of companies with more than one establishment the following rules are applied:

(i) Where all the establishments of a company are classified to the same (three-digit) industry, the head office and other auxiliary units are coded to that same industry.

(ii) Where the establishments of a company are not all classified to the same (three-digit) industry but are coded to different industries, or industries in different industry groups or even different divisions

⁴ See footnote 2 for exceptions.

of the Standard Industrial Classification, the inclusion of data for head office and auxiliary units in any one of the (three-digit) industries concerned would distort the relationship between items of principal statistics. In such cases, the auxiliary units are coded at the group (two-digit) level in tabulations of industry statistics. Where multi-establishment companies cut across group or major division lines of the Classification, the head office and auxiliary units will be coded to the (two-digit) industry group in which the major part of the company's operations are classified. Although this may result in some distortion of (two-digit) industry group statistics it will eliminate distortion within groups as it will leave statistics at the (three-digit) industry level free of these company-wide data.

Period Covered

Respondents are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where respondents find it impossible to supply calendar year data from accounting records. However, the data on employees, salaries, wages and man-hours are requested on a calendar year basis in all cases.

When establishments are operated for only a portion of a year, a report is required covering the period of operation.

Working Owners or Partners

Beginning with the revised 1961 statistics working owners and partners of unincorporated businesses are shown as a separate category in the principal statistics and are neither included in the number of employees nor in 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. In all previous reports of the Census of Manufactures these workers were included as part of the number of administrative and office employees and their withdrawals were included as part of salaries. Withdrawals are defined as amounts withdrawn by owners or partners for normal living expenses, excluding withdrawals for payment of income tax.

Number of Establishments

The number of establishments represents the number of operating units (accounting entities as per the new definition of the establishment) for which separate reports are submitted. Head offices located apart from establishments and which are surveyed separately and separate sales and administrative auxiliaries that are treated as extensions of manufacturing activities are not included in the establishment count. However, the operational statistics (employment, salaries etc.) of such auxiliary units which are coded at the "three-digit"

level are included in the principal statistics of industries coded at the same level; those units coded at the "two-digit" level are included with the statistics for groups of industries.

Employees

As noted above, the number of working owners and partners are excluded from the number of employees, beginning with the revised 1961 statistics. This change brings the definition of "employees" in the Census of Manufactures in line with that of "employees" in the Bureau's monthly Employment Survey and with that of "paid workers" in the Bureau's Labour Force Survey. For purposes of historical comparisons, the number of working owners and partners should be added to total employees (beginning with the revised 1961 data) in order to correspond with the figure of "total employees" published in previous reports concerned with the Annual Census of Manufactures.

In addition to production and related workers engaged in manufacturing activities, total employees include administrative, office, sales and distribution workers as well as any production workers employed in non-manufacturing activities such as construction undertaken for the use of the establishment by its own employees (when these are treated as a separate work force) or logging (mostly in connection with sawmills or planing mills). Number of employees represents as closely as possible equivalent annual full-time employment. Adjustments are made when reported figures indicate the existence of part-time or seasonal employment.

Administrative and office employees include all executive and supervisory officials such as presidents, vice-presidents, controllers, secretaries, treasurers etc., together with managers, professional, technical and research employees, superintendents and factory supervisors above the working foreman level, and clerical staffs. Also included are employees in activities such as advertising, credit collections, purchasing, personnel, legal, medical etc. Sales and distribution workers include office personnel whose salaries are charged to selling expense, travelling salesmen, driver salesmen, truck drivers and their helpers, etc. They exclude persons working on a commission basis who are not considered regular employees.

Production and related workers in manufacturing activities include, in addition to those engaged in processing and assembling, those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees in related activities such as maintenance, repair, janitorial and watchman services. Working foremen doing similar work to that of employees they supervise are also included. Production workers employed in non-manufacturing activities such as construction undertaken for the use of the establishment, logging

employees or outside piece-workers employed in certain industries are excluded from the number of production and related workers but are part of the total number of employees in those industries.

Production and related workers 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 twelve. This procedure is followed even though the plant did not operate in all months in order to derive equivalent annual full-time employment. The numbers are somewhat affected by turn over, in that employment is overstated when an employee changes employment within the same industry during a pay period. Other categories of workers are reported in the form of annual averages. Figures on employment and man-hours refer to the calendar year whether or not some establishments report other data on a financial year basis.

Man-hours of production and related workers in manufacturing activities 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.

Salaries and Wages

Salaries and Wages refer to gross earnings of the employees described above, **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 workers' earnings. Payments for overtime are included.

Wages refer to amounts paid to production and related workers engaged in manufacturing operations as defined above. Salaries refer to amounts paid to all other categories of employees including relatively small numbers of production workers engaged in construction and extractive operations or who are employed as outside piece-workers. Figures on salaries and wages refer to the calendar year whether or not some establishments reported other data on a financial year basis.

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.

Materials and Supplies

(a) Used in 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. The statistics represent only commodity items or physical goods (costs 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. Respondents are required to report materials and supplies **used** not **purchased**. 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) Purchases for resale as such. Figures represent the 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.

(c) 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. Value of construction and repair work done by outside contractors is 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 medical supplies, laboratory supplies etc.

Shipments

In general the figures represent revenue from all production, sales, services and related activities of reporting establishments. Non-operating revenues such as rent, interest and dividends and the sale of used fixed assets are excluded.

(a) 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 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. (See notes on "Establishment").

Such shipments are net of returned goods, and value figures at the establishment exclude discounts, returns, allowances, sales taxes and excise duties, returnable containers, and charges for outward transportation by common or contract carriers. Transportation or delivery expenses incurred by the reporting establishments' own carriers are not deducted.

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 form B.13 "Customs Canada, Export Entry" has been completed, are treated as shipments.

In four industries, viz. Fabricated Structural Metal Industry, Aircraft and Parts Manufacturers, Railroad Rolling Stock Industry and Shipbuilding and Repair, where work on principal products extends over a relatively long period, the value of production, rather than the value of shipments, is recorded. For these industries value of production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on units delivered in the year under review. Adjustments to the value of shipments are also made for firms in these industries and in some other industries which operate on the basis of progress payments. The latter are treated as sales and not as inventory, so that for firms which use a progress payments account, an adjustment to the value of shipments is made for the net change in this account during the year.

(b) Shipments of goods not of own manufacture

These figures represent the net selling value at the establishment (less discounts, returns, allowances, sales taxes and excise duties 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 goods on a rental basis value of shipments represents the book value of such goods. All sales of consignment goods from other countries are included.

(c) Other revenue

Figures represent the book value of fixed assets, if any, (new construction and machinery and equipment including major repairs and alterations, additions, modifications, installation and assembly work) produced during the year for the use of reporting establishments by the establishments' 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 establishments' own employees, such as revenue from goods produced for rental (the book value of such goods are included as part of factory shipments), servicing revenues, commissions on sales (when not included in value of sales), revenue from company-operated cafeterias and lunch counters and revenue from outside installation or construction work not related to the establishments' 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 inventory

Values represent the book value of manufacturing inventory owned in Canada. The value of inventory held for which progress payments have been received is treated as shipments and is not included in inventory owned. 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. Inventory owned abroad has already been reported as shipments and is excluded.

(b) Inventory of goods purchased for re-sale

Figures represent the book value of inventory of goods purchased for re-sale as such without further processing, owned by reporting establishments and held at the plants and at any warehouses or selling outlets which are treated as extensions of establishments. Inventory owned in transit in Canada or on consignment in Canada is included.

Because of changes in classification, the receipt of revised data, the inclusion of new establishments or the removal of old establishments which did not operate during the latest year, the opening inventory for the latest year does not necessarily coincide with the closing inventory of the preceding year.

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 total activities

Figures consist of value added by manufacturing activities plus value added by non-manufacturing activities and is compiled by deducting the cost 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, adjusted for changes in the value of inventories of goods purchased for re-sale.

"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 in the annual Census of Manufactures. "Value added" figures for the primary industries, manufacturing and construction are published in DBS publication Catalogue No. 61-202, Survey of Production.

Short Forms

Since 1949, in order to ease the reporting burden for smaller firms, a one-page short form has been used asking for only a limited amount of detail. For purposes of publication, missing data were estimated on the basis of appropriate ratios. Beginning with the 1959 census, the general limit for short forms was raised from \$50,000 (the limit used since 1949) to \$100,000 value of shipments and a new medium form was used. This form is a shortened version of the long form in that some of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between \$100,000-\$500,000 value of shipments, but in the case of both the

short and medium forms there are lower cut-offs for a number of industries in which the smaller firms account for a larger share of total shipments.

Prior to 1961, the short form was limited to a question on the principal items of factory shipments. In the 1961 and 1962 censuses, in addition to the question on shipments of goods of own manufacture, general questions on employment and payroll and on total revenue were added on all short forms. The other elements of principal statistics, viz. value of materials, fuel and electricity and inventories, were estimated by using ratios based on the change in the value of shipments reported in 1961 and 1962. This was done to permit the complete compilation of basic industry statistics by industry and by geographic location. The proportions of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

Beginning with the 1963 census, general questions on total purchases of materials, fuel and electricity and on total inventory were added on the short forms. The two questions, however, were designed so that the data can be easily derived from respondents' regular accounting records. This will permit a complete tabulation of principal statistics without the necessity of estimating missing items and will result in increased accuracy for rural area statistics where small firms account for a relatively important part of industrial output.

The addition of extra questions on the short form in recent years has also permitted an increase in the cut-off limits for short forms in many industries. This has meant that many more firms are now receiving the short form instead of the long or medium form. It has also resulted in the withdrawal of the medium form in a number of industries, thus further simplifying collection and tabulation procedures.

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