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FISH PRODUCTS INDUSTRY

1963

ANNUAL CENSUS OF MANUFACTURES

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PUBLICATIONS

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FISH PRODUCTS INDUSTRY

1963

The Fish Products Industry comprises establishments whose principal activity is the canning, salting, pickling or drying of fish and shellfish as well as those producing fish meal and oil, seal oil, whale oil and meal and seaweed products. Establishments mainly engaged in buying and selling fresh fish or shellfish and in selling processed fish products in the same condition as purchased are classified to trade.

The census of the Fish Products Industry was extended to cover all provinces in 1962. Previously, establishments located in Ontario, Manitoba, Saskatchewan and Alberta were not included. Because of the limited number of establishments engaged in processing fish in Saskatchewan and Alberta it has been necessary to combine the Prairie Provinces into one total in Tables 1 A, 3 and 4.

All establishments, regardless of size, are included in the census but those that have a total value of shipments of \$50,000 or more are asked to provide more information than the smaller establishments. The census is carried out by mail and, as is inevitable in such surveys in spite of intensive follow-up procedures, there are always a number of establishments that fail to submit reports. Generally, however, such non-response is limited to the smaller establishments. Estimates for non-response are included in the data contained in this publication based on reports submitted by the same establishments a year ago. No product detail is required on the Fish Products Industry questionnaire and none is, therefore, included here. This information is collected by other annual and monthly surveys and is published in "Fisheries Statistics of Canada" Catalogue Nos. 24-201 to 24-206 and 24-208 to 24-212; "Fish Freezings and Stocks" Catalogue No. 24-001 and the "Monthly Review of Canadian Fisheries Statistics" Catalogue No. 24-002.

The introduction of the Revised Standard Industrial Classification and the New Establishment Concept has resulted in certain changes from past years. For a full explanation, refer to the Explanatory Notes at the back of this publication. It should be noted that, in this industry, the value of materials and supplies represent **purchases not used**. The total manufacturing inventory is, therefore required to derive "Value added".

SYMBOLS

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

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

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

Year and province	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals	358 ^r	12,001 ^r	22,622 ^r	25,034 ^r	3,073 ^r	115,468 ^r	182,636 ^r	64,978 ^r	120 ^r	245 ^r	14,779 ^r	34,540 ^r	67,307 ^r
1962													
Newfoundland	36	2,620	5,335	4,603	647	14,730	24,478	9,781	4	8	3,020	6,083	10,368
Prince Edward Island	17	349	691	469	50	2,411	3,629	1,128	9	23	383	571	1,166
Nova Scotia	124	3,529	7,169	7,850	855	35,179	51,532	15,824	40	96	4,015 ^r	9,739 ^r	17,110
New Brunswick	65	2,121	4,668	4,098	440	15,787	21,142	6,320	34	74	2,326	4,741	6,783
Quebec	46	900	1,944	1,475	134	5,106	7,879	2,638	10	16	985	1,705	2,936
Ontario	11	399	790	960	115	4,393	6,290	1,860	4	11	446	1,220	1,855
Manitoba	8	274	603	618	49	4,283	6,096 ^r	1,949 ^r	—	—	375	1,032	2,147 ^r
Saskatchewan	1												
Alberta	2												
British Columbia	45 ^r	2,103	3,927	8,417	1,335	62,437 ^r	94,524 ^r	35,372 ^r	3	11	3,693	14,677	36,903 ^r
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	355 ^r	12,295	25,129	28,490	3,626	144,326 ^r	215,571 ^r	74,871 ^r	104	238	15,243 ^r	39,789 ^r	79,247 ^r
1963													
Newfoundland	41	2,916	5,914	5,425	911	16,292	26,958	9,649	4	5	3,326	6,896	9,959
Prince Edward Island	15	333	660	503	33	2,387	3,663	1,324	6	16	365	610	1,366
Nova Scotia	120	3,647	7,753	8,786	917	39,416	56,365	17,032	37	97	4,100	10,639	18,440
New Brunswick	68	2,135	4,671	4,219	434	17,090	24,710	7,779	29	70	2,407	5,035	8,221
Quebec	51	974	2,040	1,735	153	6,022	9,077	2,976	12	28	1,094	2,209	3,247
Ontario	12	419	928	1,126	133	4,303	6,985	2,575	x	x	458	1,334	2,560
Manitoba	9	322	716	833	81	5,001	7,120	2,238	—	—	449	1,292	2,469
Saskatchewan	1												
Alberta	1												
British Columbia	47	1,893	3,551	8,212	1,466	49,060	79,040	26,001	x	x	3,369	13,919	29,088
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	365	12,639	26,233	30,840	4,128	139,573	213,918	71,574	95	232	15,566	41,934	75,348

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000				\$'000			\$'000		\$'000	
1962													
Under \$10,000	37 ^r	31	72	57	6	124	217	88	30	47	32	58	96
\$ 10,000 to \$ 24,999	34	87	179	150	21	341	588	232	22	46	115	227	441
25,000 " 49,999	39	185	374	297	56	799	1,433	589	17	44	220	385	623
50,000 " 99,999	43	340	718	588	110	1,958	3,120	1,044	20	55	373	664	1,140
100,000 " 199,999	52	568	1,175	1,105	184	5,029	7,680	2,441	12	33	675	1,400	2,635
200,000 " 499,999	54 ^r	1,485 ^r	2,948 ^r	2,652 ^r	310 ^r	13,078 ^r	18,070 ^r	4,871 ^r	3	13	1,697 ^r	3,382 ^r	5,590 ^r
500,000 " 999,999	39 ^r	2,090 ^r	4,191 ^r	3,781 ^r	657 ^r	19,481 ^r	28,402 ^r	9,111 ^r	—	—	2,388 ^r	4,905 ^r	9,582 ^r
1,000,000 " 4,999,999	51 ^r	6,329 ^r	13,196 ^r	15,483 ^r	1,636 ^r	69,461 ^r	105,204 ^r	38,139 ^r	—	—	7,773 ^r	21,072 ^r	40,584 ^r
5,000,000 and over	6 ^r	1,180 ^r	2,277 ^r	4,377 ^r	645 ^r	34,054 ^r	50,858 ^r	18,355 ^r	—	—	1,737 ^r	6,385 ^r	18,719 ^r
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	233	1,292	(163)
Totals	355^r	12,295	25,129	28,490	3,626	144,326^r	215,571^r	74,871^r	104	238	15,243^r	39,769^r	79,247^r
1963													
Under \$10,000	32	21	45	39	--	110	182	85	21	25	23	42	85
\$ 10,000 to \$ 24,999	36	86	174	152	6	311	567	281	26	57	90	157	287
25,000 " 49,999	37	150	308	274	62	747	1,293	498	15	37	184	371	569
50,000 " 99,999	51	333	684	633	92	2,383	3,667	1,242	21	71	377	747	1,279
100,000 " 199,999	46	542	1,076	1,031	175	4,542	6,514	1,903	11	30	630	1,295	2,036
200,000 " 499,999	63	1,678	3,436	3,265	444	13,831	19,929	6,017	—	—	1,895	3,920	6,720
500,000 " 999,999	42	2,332	4,718	4,846	627	19,891	29,856	9,716	—	—	2,583	5,779	10,123
1,000,000 " 4,999,999	52	5,903	12,415	15,166	1,878	68,861	105,572	36,555	1	12	7,348	20,538	38,289
5,000,000 and over	6	1,594	3,376	5,434	844	28,897	46,338	15,279	—	—	2,222	7,903	15,822
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	216	1,182	138
Totals	365	12,639	26,233	30,840	4,128	139,573	213,918	71,574	95	232	15,568	41,934	75,348

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

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies used	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000				\$'000			\$'000		\$'000	
1962													
Under \$10,000	75 ^r	150	316	255	39	824	1,167	293	54	99	181	335	569
\$ 10,000 to \$ 24,999	64	379	787	677	105	4,049	5,255	1,011	33	89	453	915	1,239
25,000 " 49,999	61	759	1,517	1,310	192	6,548	8,863	2,147	10	24	877	1,616	2,543
50,000 " 99,999	43 ^r	915 ^r	1,862 ^r	1,602 ^r	251 ^r	8,112 ^r	11,329 ^r	3,110 ^r	7	27	1,035 ^r	1,957 ^r	3,305 ^r
100,000 " 199,999	31 ^r	998 ^r	2,027 ^r	1,959 ^r	245 ^r	12,474 ^r	16,868 ^r	4,500 ^r			1,172 ^r	2,665 ^r	4,897 ^r
200,000 " 499,999	41	2,546 ^r	5,255 ^r	5,218 ^r	862 ^r	27,923 ^r	39,748 ^r	12,435 ^r	—	—	2,882 ^r	6,559 ^r	13,214 ^r
500,000 " 999,999	23 ^r	3,485 ^r	7,061 ^r	7,599 ^r	704 ^r	28,183 ^r	43,606 ^r	16,188 ^r	—	—	4,152 ^r	10,623 ^r	17,596 ^r
1,000,000 " 4,999,999	17	3,063	6,303	9,869	1,227 ^r	56,212 ^r	88,736 ^r	35,187 ^r	—	—	4,258 ^r	13,807 ^r	36,048 ^r
5,000,000 and over									—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	233	1,292	(163)
Totals	355^r	12,295	25,129	28,490	3,626	144,326^r	215,571^r	74,871^r	104	238	15,243^r	39,769^r	79,247^r
1963													
Under \$10,000	70	111	230	200	18	726	1,052	327	41	63	119	215	343
\$ 10,000 to \$ 24,999	69	325	666	595	88	2,938	4,056	1,076	41	114	382	749	1,229
25,000 " 49,999	59	676	1,377	1,237	207	7,288	9,335	2,040	12	43	777	1,574	2,236
50,000 " 99,999	46	857	1,746	1,668	264	10,215	13,872	3,228	—	—	1,009	2,143	3,616
100,000 " 199,999	47	1,833	3,683	3,861	523	19,501	26,562	6,923	—	—	2,031	4,667	7,477
200,000 " 499,999	36	2,678	5,716	6,033	770	26,610	38,340	11,483	1	12	3,067	7,231	12,248
500,000 " 999,999	20	2,655	5,406	5,817	717	21,960	35,548	13,980	—	—	3,407	8,878	14,878
1,000,000 " 4,999,999	18	3,504	7,407	11,428	1,541	50,334	85,153	32,517	—	—	4,560	15,295	33,183
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	216	1,182	138
Totals	365	12,639	26,233	30,840	4,128	139,573	213,918	71,574	95	232	15,568	41,934	75,348

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

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under \$10,000	67 ^r	110	227	183	31	624	918	257	50	91	125	212	281
\$ 10,000 to \$ 24,999	69	420	857	746	97	4,280	5,398	1,005	38	99	478	897	1,129
25,000 " 49,999	54	585	1,197	1,001	162	4,943	6,925	1,891	9	21	682	1,256	1,992
50,000 " 99,999	49 ^r	976 ^r	1,986 ^r	1,695 ^r	260 ^r	8,690 ^r	12,170 ^r	3,306 ^r	7	27	1,116 ^r	2,098 ^r	3,561 ^r
100,000 " 199,999	32 ^r	1,060 ^r	2,136 ^r	2,048 ^r	275 ^r	12,363 ^r	16,582 ^r	4,270 ^r			1,240 ^r	2,774 ^r	4,920 ^r
200,000 " 499,999	45 ^r	2,703 ^r	5,620 ^r	5,579 ^r	895 ^r	29,566 ^r	42,359 ^r	13,387 ^r			3,047 ^r	7,029 ^r	14,318 ^r
500,000 " 999,999	20 ^r	3,268 ^r	6,604 ^r	6,946 ^r	628 ^r	24,942 ^r	38,074 ^r	13,938 ^r	—	—	3,611 ^r	8,386 ^r	14,391 ^r
1,000,000 " 4,999,999	19	3,173	6,502	10,292	1,277	58,917 ^r	93,145 ^r	36,818 ^r	—	—	4,711 ^r	15,825 ^r	38,819 ^r
5,000,000 and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	233	1,292	(163)
Totals	355 ^r	12,295	25,129	28,490	3,626	144,326 ^r	215,571 ^r	74,871 ^r	104	238	15,243 ^r	39,769 ^r	79,247 ^r
1963													
Under \$10,000	69	109	226	197	17	708	1,025	319	40	60	117	211	328
\$ 10,000 to \$ 24,999	64	275	555	502	80	2,252	3,265	979	39	109	323	631	1,034
25,000 " 49,999	58	625	1,273	1,116	169	7,112	8,992	1,938	13	41	715	1,429	2,034
50,000 " 99,999	50	879	1,801	1,739	291	10,102	13,737	3,206	2	9	1,030	2,185	3,527
100,000 " 199,999	43	1,635	3,305	3,378	471	16,908	23,245	6,008	—	—	1,806	4,035	6,221
200,000 " 499,999	42	2,906	6,133	6,550	827	27,896	40,067	12,161	1	12	3,322	7,920	13,101
500,000 " 999,999	20	2,640	5,414	5,662	713	23,371	36,659	13,579	—	—	3,187	7,476	14,293
1,000,000 " 4,999,999	19	3,570	7,526	11,695	1,560	51,223	86,928	33,385	—	—	4,852	16,864	34,671
5,000,000 and over	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	216	1,182	138
Totals	365	12,639	26,233	30,840	4,128	139,573	213,918	71,574	95	232	15,568	41,934	75,348

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

Size group	Estab- lish- ments	Manufacturing activity						Total activity					
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Under 5 employed	84 ^r	92	200	178	43	3,457	4,479	1,102	57	115	119	244	1,124
5- 14 employed	104	708	1,483	1,479	295	7,740 ^r	11,071 ^r	3,185 ^r	42	103	843 ^r	1,962 ^r	3,579 ^r
15- 49 "	94	2,302	4,587	4,657	674	29,773 ^r	40,911 ^r	11,146 ^r	5	20	2,703 ^r	6,131 ^r	11,896 ^r
50- 99 "	32	2,008	4,162	4,558	514 ^r	24,825 ^r	36,256 ^r	12,833 ^r	—	—	2,295 ^r	5,737 ^r	13,685 ^r
100-199 "	21	2,554	5,218	5,683	648 ^r	27,980 ^r	43,582 ^r	17,654 ^r	—	—	3,018 ^r	7,100 ^r	18,248 ^r
200-499 "	20	4,631	9,479	11,936 ^r	1,452 ^r	50,550 ^r	79,273 ^r	28,950 ^r	—	—	6,032 ^r	17,303 ^r	30,878 ^r
500 employed and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	233	1,292	(163)
Totals	355 ^r	12,295	25,129	28,490	3,636	144,326 ^r	215,571 ^r	74,871 ^r	104	238	15,243 ^r	39,769 ^r	78,247 ^r
1963													
Under 5 employed	93	138	292	282	33	2,361	3,356	916	59	128	159	342	925
5- 14 employed	96	649	1,361	1,390	277	7,184	9,947	2,815	33	84	768	1,805	2,998
15- 49 "	97	2,315	4,683	5,236	688	32,060	43,237	11,443	2	7	2,661	6,525	12,585
50- 99 "	33	1,975	4,070	4,387	534	20,564	32,414	10,766	—	—	2,291	5,473	11,527
100-199 "	26	2,904	6,144	7,228	1,004	28,995	46,472	16,311	1	12	3,506	8,998	16,505
200-499 "	20	4,658	9,683	12,316	1,592	48,409	78,493	29,323	—	—	5,967	17,610	30,672
500 employed and over													
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	216	1,182	138
Totals	365	12,639	26,233	30,840	4,128	139,573	213,918	71,574	95	232	15,568	41,934	75,348

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

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Total employees		Total value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1962													
Individual ownerships	92	511	1,094	904	138	5,263	7,097	1,735	71	163	550	984	1,892
Partnerships	21	141	271	426	37	1,721	2,456	1,060	33	76	173	561	1,071
Incorporated companies	208 ^f	10,726	21,819	25,177	3,203	126,215 ^f	190,085 ^f	87,326 ^f	...	...	13,206 ^f	34,321 ^f	71,324 ^f
Cooperatives	34	917	1,946	1,982	247	11,127	15,934	4,750	...	...	1,081	2,610	5,124
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	233	1,292	(163)
Totals	355^f	12,293	25,129	28,490	3,626	144,326^f	215,571^f	74,871^f	104	238	15,243^f	39,769^f	79,247^f
1963													
Individual ownerships	90	432	953	810	99	5,101	6,420	1,394	70	169	450	857	1,484
Partnerships	19	106	206	347	37	1,039	2,000	638	25	63	157	441	633
Incorporated companies	221	11,144	23,096	27,493	3,705	120,237	188,088	64,978	...	...	13,608	36,586	68,366
Cooperatives	35	957	1,978	2,189	288	13,195	17,411	4,564	...	...	1,137	2,868	4,727
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	216	1,182	138
Totals	365	12,639	26,233	30,840	4,128	139,573	213,918	71,574	95	232	15,568	41,934	75,348

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

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1962	1963	1962	1963	1962	1963
\$'000						
Output						
1. Shipments and other revenue	215,571 ^f	213,918	34,041 ^f	32,710	249,612 ^f	246,628
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	..	..	...	...	..	..
Finished goods	32,297 ^f	33,491	...	...	32,297 ^f	33,491
Less opening - Goods in process .....	..	..	...	...	..	..
Finished goods	25,047 ^f	32,134	...	...	25,047 ^f	32,134
2. Net inventory change	7,250 ^f	1,357	...	...	7,250 ^f	1,357
3. Gross output (1 + 2)	222,821 ^f	215,275	34,041 ^f	32,710	256,862 ^f	247,985
Input						
4. Purchases of goods not of own manufacture .....	...	...	27,832 ^f	28,255	27,832 ^f	28,255
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	1,323 ^f	1,318	1,323 ^f	1,318
Less closing .....	...	...	1,573 ^f	2,266	1,573 ^f	2,266
5. Cost of goods sold (not of own manufacture) .....	...	...	27,582 ^f	27,307	27,582 ^f	27,307
6. Materials, supplies, components and semi-processed goods	144,326 ^f	139,573	2,082 ^f	1,829	146,408 ^f	141,202
7. Fuel and electricity	3,626	4,128	...	...	3,626	4,128
8. Gross input (5 + 6 + 7)	147,952 ^f	143,701	29,664 ^f	28,936	177,616 ^f	172,637
Census value added (3 - 8)	74,871 ^f	71,574	4,377 ^f	3,774	79,247 ^f	75,348

TABLE 3. Employment and Payroll, 1962 and 1963

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total employees		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total salaries and wages
	Manufacturing		Other								Manufacturing	Other			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female					
	number										\$'000				
1962															
Newfoundland	2,169	451	51	—	261	58	24	6	2,505	515	4,603	117	1,308	55	6,083
Prince Edward Island	157	192	3	1	21	8	1	—	182	201	469	3	98	2	571
Nova Scotia	2,602	927	32	—	293	111	44 ^r	6	2,971 ^r	1,044	7,850	45	1,690	153 ^r	9,739 ^r
New Brunswick	1,081	1,040	61	—	88	48	7	1	1,237	1,089	4,098	154	477	12	4,741
Quebec	607	293	4	—	60	11	10	—	681	304	1,475	14	204	13	1,705
Ontario	183	216	—	—	16	12	19	—	218	228	960	—	160	100	1,220
Manitoba	208	66	17	—	43	9	32	—	300	75	618	52	231	131	1,032
Saskatchewan															
Alberta															
British Columbia	1,250	853	15	5	473	145	894	58	2,632	1,061	8,417	40	3,471	2,749	14,677
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	8,257	4,038	183	6	1,255	402	1,031 ^r	71	10,726 ^r	4,517	28,490	425	7,639	3,215 ^r	39,769 ^r
1963															
Newfoundland	2,370	546	26	—	293	65	17	9	2,706	620	5,425	59	1,358	54	6,896
Prince Edward Island	154	179	2	—	20	9	1	—	177	188	503	5	99	3	610
Nova Scotia	2,698	949	19	—	288	114	27	5	3,032	1,068	8,786	38	1,720	96	10,639
New Brunswick	1,104	1,031	86	—	96	56	27	7	1,313	1,094	4,219	269	497	50	5,035
Quebec	645	329	—	1	82	14	23	—	750	344	1,735	2	378	94	2,209
Ontario	182	237	3	—	17	13	6	—	208	250	1,126	30	142	35	1,334
Manitoba	238	84	30	—	45	8	41	3	354	95	833	86	272	101	1,292
Saskatchewan															
Alberta															
British Columbia	1,189	704	12	—	449	158	801	56	2,451	918	8,212	29	3,386	2,293	13,919
Yukon and Northwest Terri- tories	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	8,580	4,059	178	1	1,290	437	943	80	10,991	4,577	30,840	517	7,852	2,726	41,934

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

Month	Establishments reporting monthly detail			
	1962		1963	
	Male	Female	Male	Female
	number			
January	5,413	1,781	5,340	1,894
February	5,175	1,732	5,047	1,885
March	5,441	2,027	5,309	2,016
April	6,451	2,261	6,699	2,435
May	9,227	5,008	9,868	5,335
June	11,267	6,229	12,125	6,348
July	11,909	6,693	11,982	5,980
August	11,285	6,973	11,696	7,161
September	9,844	5,470	10,247	5,540
October	8,580	4,334	9,029	4,185
November	7,174	3,310	7,712	3,147
December	5,832	2,146	6,258	2,281
Average for establishments reporting monthly detail (collected only for large establishments) ..	8,137	3,999	8,446	4,016
Average for small establishments (only annual averages collected)	120	39	134	43
Average for all establishments	8,257	4,038	8,580	4,059

TABLE 4. Industry Inventories, 1963

Province	Manufacturing				Non-manufacturing	Total inventories
	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total manufacturing	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland	3,943	86	4,029
Prince Edward Island	180	8	187
Nova Scotia	6,005	197	6,202
New Brunswick	3,693	188	3,880
Quebec	460	47	507
Ontario	970	—	970
Manitoba	}	528	—	528
Saskatchewan						
Alberta						
British Columbia						
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	35,063	1,318	36,381
Closing:						
Newfoundland	3,837	94	3,931
Prince Edward Island	261	9	271
Nova Scotia	7,008	544	7,552
New Brunswick	4,286	709	4,995
Quebec	655	79	734
Ontario	996	—	996
Manitoba	}	728	—	728
Saskatchewan						
Alberta						
British Columbia						
Yukon and Northwest Territories	—	—	—	—	—	—
Totals	35,640	2,266	37,906

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

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments which reported commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	7,928	7,028	108
(b) Imported	"	25	1	—
Sub-bituminous coal (from Alberta mines only)	"	45	35	1
Anthracite coal	"	21	11	—
Lignite coal	"	—	—	—
Coke	"	—	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	827,519	1,055,406	412
Fuel oil including kerosene or coal oil	"	15,025,851	17,544,875	2,269
Wood	cord	2,506	1,870	34
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	59,216	75,906	28
(b) Other manufactured gas	M cu.ft.	1,575	—	—
(c) Natural gas	"	83,973	57,013	40
Other fuel .....	...	—	...	13
Electricity purchased	kwh.	55,163,149	61,634,684	1,184
Steam purchased .....	...	10	...	11
2. Estimate for small establishments:				
Fuel and electricity .....	...	50	...	28
3. All establishments:				
Total fuel and electricity used .....	...	3,626	...	4,128

¹ The difference between figures in this table and those in Table 2 arises from firms reporting output of products on the basis of production rather than of shipments. Consequently, inventories of finished products for such respondents are not taken into account for purposes of compiling value added in Table 3. See also "Concepts and Definitions" for explanation of other variances.

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

Description	1962		1963	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials used:				
Fresh fish and shellfish	cwt. 15,922,726 ^F	102,632 ^F	17,186,513	97,149
Semi-processed fish and fish products	" 841,907	10,669	861,060	11,940
Fish livers, fish offal, refuse, etc.	" ...	655	...	755
Fish oil for refining	gal. 882,141	473	731,847	398
Soybean oil	" 382,721	442	310,028	332
Other edible vegetable oils	" 100,825	204	155,608	279
Bread and batter .....	...	262	...	341
Vinegar	gal. 126,048	50	202,339	75
Salt	cwt. 336,841	413	325,181	392
Anti-oxidants	lb. 22,377	14	59,602	28
Chlorine	" 169,865	27	171,055	25
Fruits, vegetables, meat and poultry .....	...	497	...	484
Sawdust and other material for smoking fish .....	...	17	...	19
All other materials and components used ¹ .....	...	4,762	...	5,706
2. Containers and other packaging materials and supplies used .....	...	14,974 ^F	...	13,676
3. Operating, maintenance and repair supplies used (excluding fuel) .....	...	5,176 ^F	...	4,945
4. Amount paid out to others for work done on materials owned by establishments .....	...	3,059 ^F	...	3,028
Totals .....	...	144,326 ^F	...	139,573

¹ No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,284,851 in 1962 and \$1,245,731 in 1963.

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

Description	Value	
	1962	1963
	\$'000	
1. Products:		
Fishery products	210,413 ^F	210,967
All other products	3,567	3,405
2. Amount received in payment for work done on materials and products owned by others	2,518 ^F	1,557
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above	(927 ^F)	(2,011)
Net adjustment for establishments receiving progress payments	—	—
Total adjusted value of shipments and work done	215,571 ^F	213,918

List of Establishments classified to This Industry, 1963

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

Name	Location
Newfoundland:	
Arctic Fishery Products Ltd.	St. John's
Bay Bulls Sea Products Ltd.	Bay Bulls
Bay Roberts Fisheries Ltd.	Bay Roberts
Bay Roberts Fisheries Ltd.	St. John's, (Badgers Quay)
Bonavista Cold Storage Co. Ltd.	Grand Bank, Bonavista
Booth Fisheries Canadian Co. Ltd.	Fortune
Bowring Bros. Ltd.	St. John's
British Columbia Packers Ltd.	Harbour Breton
Burgeo Fish Ind. Ltd.	Burgeo
East Coast Fisheries	St. John's
Fishery Products Ltd.	Burin, Catalina, Greenspond, Holyrood, Isle-Aux-Morts, Trepassey, Merasheen, Port Elizabeth
Flat Rock Fisheries	St. John's
Gulf Fisheries Ltd.	Bay of Islands
Gaultois Fisheries Ltd.	Gaultois
Hardy Co. Ltd., T.J.	Diamond Cove
Hiscock Sons Ltd., J.W.	Brigus
Job Bros. & Co. Ltd.	St. John's, (2 plants)-Lascie
Lake Ltd., H.B. Clyde	St. John's, (Englee)
Leonard Brothers Ltd.	Rose Blanche
Maritime Trading Corp. Ltd.	St. John's, (Gaultois)
Mifflin Fisheries Ltd.	St. John's, (Catalina)
Munn Co. Ltd., W.A.	St. John's (Hbr. Grace)
Nfld. Quick Freeze Ltd.	Witless Bay
Norris Point Fisheries Society	Norris Point
North Eastern Fish Ind. Ltd.	Harbour Grace, Femeuse
Penney & Sons Ltd., John	Ramea
Roberts, Daniel G.	Change Island
Scotia Flat Salvage Co.	Witless Bay
Steers Exports Limited	St. John's
Tor's Cove Trading Co. Ltd.	Salvage
Prince Edward Island:	
Acadian Fish Co-op. Assoc. Ltd.	Wellington, (Atrium Village)
Beach Point Fishermen's Co-op. Assoc. Ltd.	Murray Hbr., (Beach Point)
Buote, Jerry	Tignish
Eastern Fisheries Ltd.	Souris
Fraser, T.H.	Murray Hbr.
French River Cannery	Park Corner, (French R.)
Graham, Wendell	Gaspereaux
Johnston & Carpenter	Montague
Keeping & McKay Ltd.	Murray Hbr., (Beach Point)
Landry, Napoleon P.	Georgetown
North Rustico Fishermen's Co-op. Assoc. Ltd.	North Rustico
North Shore Packing Co. Ltd.	Malpeque
Ramsay, Merritt	Campbellton
Richard, Glorice	Mont Carmel
Tignish Fisheries Co-op. Assoc. Ltd.	Tignish
Nova Scotia:	
Abriel Fisheries	Tangler, Halifax Co.
Acadia Fisheries Ltd.	Mulgrave, Guysborough Co.
Adams & Knickie Ltd.	Lunenburg, Lunenburg Co.
Althouse, D.C.	Tiverton, Digby Co.
Atlantic Cannery	Fairview, Halifax Co.
Bailey, Albert G.	Westport, Digby Co.
Belliveau Fisheries	Belliveau Cove, Digby Co.
Bickerton Co-operative Ltd.	Bickerton West, Guysborough Co.
Bickerton Fisheries Ltd.	Bickerton West, Guysborough Co.
Blades, Alva V.	Newellton, Shelburne Co.
Bonda Foods Ltd.	Yarmouth, Yarmouth Co.
Bonda Meal & Oil Ltd.	Short Beach, Yarmouth Co.
Booth Fisheries Canadian Co. Ltd.	Petit de Grat, Richmond Co.
Briny Deep Fisheries Ltd.	Lunenburg, Lunenburg Co.
British Columbia Packers Ltd.	Canso, Guysborough Co., Clarke's Hbr. Shelburne Co.
Burns Fisheries Ltd.	Halifax, Halifax Co.
Cape Ann Seafoods Ltd.	Port Latour, Shelburne Co.
Cape Breton Co-op. Fisheries	Alder Point, Cape Breton Co.
Casey Fisheries Ltd.	Victoria Beach, Annapolis Co.
Chandler Bros. Ltd.	Moose Harbour, Queens Co.
Cheticamp Fishermen's Co-op. Soc. Ltd.	Cheticamp, Inverness Co.
Churchill, N.W.	Short Beach, Yarmouth Co.
Clarke, John J.	Goldboro, Guysborough Co.
Comeau & Sons Ltd., L.H.	Meteghan, Digby Co.
Comeau & Bourque	Comeauville, Digby Co.
Comeau & Saulnier	Comeauville
Comeau's Sea Foods Ltd.	Saulnierville, Digby Co.
Connors Bros. Ltd.	Freeport, Digby Co.
Denton, C.A.	Little River, Digby Co.
D'Entremont Delmar J.	W. Pubnico, Yarmouth Co.
D'Eon Fisheries	Upper West Pubnico, Yarmouth Co.
D'Eon & D'Entremont Fisheries	Middle West Pubnico, Yarmouth Co.
Deveau & Son, C.L.	Salmon River, Digby Co.
Doucet, Felix	Weymouth, Digby Co.
Doucet, George	Weymouth, Digby Co.
Doyle & Sons Ltd., John A.	Merigomish, Pictou Co.
Eastern Co-op. Fisheries Ltd.	Canso, Guysborough Co.
Elliott & Co. Ltd., Gorham	Tiverton, Digby Co.
Frankland Canning Co. Ltd.	Church Pt., Digby Co.

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
Nova Scotia - Concluded:	
Gates, Granville R.	Blanford, Lunenburg Co.
Glance Bay Fish Meal Co.	Glance Bay, Cape Breton Co.
Goldman & Sons Ltd., D.	Glance Bay, Cape Breton Co.
Grand Etang Fish Co-op. Soc. Ltd.	Grand Etang, Inverness Co.
Halifax Fisheries Ltd.	109 Upper Water St., Halifax, Halifax Co.
Harnish, Robert	Hubbards, Halifax Co.
Harris & Theriault Ltd.	East Ferry, Digby Co.
Haven Sea-Foods Ltd.	Middle West, Pubnico
Hipro Foods Ltd.	Mink Cove, Digby Co.
Hopkins, Cleveland	Bear Pt., Shelburne Co.
Hopkins, Clifford	Bear Pt., Shelburne Co.
Hopkins, H. Ltd.	Port Morien, Cape Breton Co.
Hopkins & Hopkins Ltd.	Lower Wood Harbour, Shelburne Co.
Isle Madame Fishermen's Co-op.	Petit de Grat, Richmond Co.
Jollimore & Sons Ltd., B.B.	Arichat, Richmond Co.
Karlson & Co. Ltd., Karl	Halifax, Halifax Co.
Kenney & Ross Ltd.	Clarke's Harbour, (Port Saxon), Shelburne Co.
Kenney Jr., D.B.	Westport, Digby Co.
Koritem Ltd., Wilfred	Yarmouth, Yarmouth Co.
La Have Outfitting Co. Ltd.	La Have, Lunenburg Co.
Leblanc, Aurèle	Five Islands, Colchester Co.
Lewis Fisheries	Waterford, Digby Co.
Lipkus & Sons, Joe	Glance Bay, Cape Breton Co.
Lunenburg Sea Products Ltd.	Lunenburg, Lunenburg Co.
McClafferty & Sons Ltd.	Whale Cove, Digby Co.
Malone Bros.	Woods Harbour, Shelburne Co.
Maritime Packers (Canada) Ltd.	Pictou, Caribou Hbr., Pictou Co.
National Sea Products Ltd.	North Sidney (Leonard Bros. Div.); Lockeport (The Lockeport Co. Div.); Louisburg (Louisburg Div.); Halifax (40-Fathom Div.); Digby (Sea-Seal Div.); Halifax (Sea-Seal Div.)
Newell, Bros.	Newelton, Shelburne Co.
Nickerson Bros. Ltd.	Liverpool, (P. Mouton), Queens Co.
Nickerson Ltd., Claredon S.	Clarke's Harbour, Shelburne Co.
Nickerson & Sons Ltd., H.B.	North Sidney, Glance Bay, Cape Breton Co.
Olsson Trading Co. Ltd., A.V.	Upper Pt. Latour, Shelburne Co.
Parker, Fred	Halls Hbr., Kings Co.
Penny, Cecil W.	West Port Hebert, Shelburne Co.
Pierce Fisheries Ltd.	Lockeport, Shelburne Co.
Pubnico Co-op. Assoc. Ltd.	Middle East Pubnico, Yarmouth Co.
Quinlan, Dayson J.	Stoney Island
Quinlan, E.K.	Clark's Harbour, Shelburne Co.
Quinlan, Lionel L.	McGrays P.O., Shelburne Co.
Quinlan, Nathaniel & Milton	Stoney Island, Shelburne Co.
Raymond, Keith	Centreville, Digby Co.
Robicheau, R.E.	Westport, Digby Co.
Ritcey Bros. (Fisheries) Ltd.	Riverport, Lunenburg Co.
Sable Fish Packers Ltd.	Clarke's Harbour, Shelburne Co.
Sandy Cove Fisheries Co. Ltd.	Mink Cove, Digby Co.
Shand William	Bear Point, R.R.I. Shag Harbour
Shaw & Gidney	Centreville, Digby Co.
Shelburne Fisheries Ltd.	Lower Sandy Point, Shelburne Co.
Short Beach Fisheries	Box 157 Yarmouth
Silver Seas Fisheries	Sambro, Halifax Co.
Simpson, Royal R.	River View, Cumberland Co.
Small Bros. Ltd.	Tiverton, Digby Co.
Small, S.N.	East Ferry, Digby Co.
Smith & Co. Ltd., A.M.	Halifax, Halifax Co.
Snow Bros. Reg'd.	Digby, Digby Co.
Stoddard's Fisheries Ltd.	Clark's Harbour
Stoddard, James	East Baccaro, Shelburne Co.
Stoney Island Fisheries	Stoney Island, Shelburne Co.
Sweeney Fisheries Ltd., Lawrence	Yarmouth, Yarmouth Co.
Swin Bros. Ltd.	Lockeport, Shelburne Co.
Theriault Ltd., B.	East Ferry, Digby Co.
Thomas, Ivan E.	Port Maitland, Yarmouth Co.
Thorburn Bros.	Sandy Point, Shelburne Co.
Tiverton Sea Products Ltd.	Tiverton, Digby Co.
Waybret, Howard	Shag Hbr., Shelburne Co.
Whitmoyer Laboratories Ltd.	North Sydney, Cape Breton Co.
Vita Food Products Inc.	(Carleton Village & Ingomar); (Allendale)
Yarmouth Cold Storage Co. Ltd.	Yarmouth, Yarmouth Co.
Zwicker & Co. Ltd.	Lunenburg, Lunenburg Co.
New Brunswick:	
L'Assoc. Co-op. des Pêcheurs de l'Île Ltée.	Lameque, Gloucester Co.
Banks, Mrs. Norma	White Head, Charlotte Co.
Boudreau, Alvin	Léger Brook, Westmorland Co.
Boudreau, Omer	Little Cape, Westmorland Co.
Bourque Ltd., Emile	Léger Brook, Westmorland Co.
Brine, Norman G.	Cape Bald, Westmorland Co.
Buctouche Sea-Food Products Ltd.	Buctouche, Kent Co.
Burton Small Fisheries	Woodward's Cove, Grand Manan
Caissie Ltd., J.A.	Richibucto, Kent Co.
Cape Bald Packers Ltd.	Cape Bald, Westmorland Co.
Caraquet Packers Ltd.	M. Caraquet, Gloucester Co.
Connors Bros. Ltd.	Blacks Harbour, Charlotte Co.; Beaver Harbour, Charlotte Co.
Connors & Sons Ltd., Lewis	Back Bay, Charlotte Co.
Co-opérative Cartier Ltée, La	Richibucto, Kent Co.
Gormier & Leblanc Ltd.	Lower Cape Bald, Westmorland Co.
Gormier, Aimé J.	Lower Cape Bald, Westmorland Co.
Gormier, Bazil	Lower Cape Bald, Westmorland Co.

List of Establishments classified to This Industry, 1963 - Continued

Name	Location
New Brunswick - Concluded:	
Cormier, Camille V.	Bas Cap Pelé, Westmorland Co.
Cormier, Tilmou D.	Lower Cape Bald, Westmorland Co.
Cosman, Wm. S.	Seal Cove, Charlotte Co.
Crocker Co. Ltd., T.W.	Newcastle, Northumberland Co.
Cronk Bros.	Seal Cove, Charlotte Co.
Daggett & O'Neill	Seal Cove, Charlotte Co.
Duguay, Aimé	Lower Cape Bald, Westmorland Co.
Duguay, Arthur	Lower Cape Bald, Westmorland Co.
Duguay, Alban	Lower Cape Bald, Westmorland Co.
Duguay, Leo	Leger Brook, Westmorland Co.
Eagle Fisheries Ltd.	Loggieville, (Shippigan), Northumberland Co.
Gagnon, Edmond	Robichaud, Westmorland Co.
Gaudet, Ferdinand F.	Lower Cape Bald, Westmorland Co.
Gionet, André	Middle Caraquet, Gloucester Co.
Gorton-Pew Ltd.	Caraquet, Gloucester Co.
Grande Anse Packers Ltd.	Grande Anse, Gloucester Co.
Harvey & Bleumortier	Seal Cove, Charlotte Co.
Jacob Laurent	R.R. 1 Cap Cele
King & Son, Clovis	Richibucto, Kent Co.
Landry & Landry Ltd.	Dupuis Corner, Westmorland Co.
Landry, Adelard	Little Cape, Westmorland Co.
Lanteigne, Ernest G.	M Caraquet, Gloucester Co.
Lanteigne, Léo G.	Le Bouthillier, Gloucester Co.
Leblanc, Léo	Little Cape, Westmorland Co.
Léger, Albert A.	R.R. 2 Cocagne, Kent Co.
Léger, Jacob	Petit Cap, Westmorland Co.
Linton, Roy A.	Grand Harbour, Charlotte Co.
Loggie, W.S. Co. Ltd.	Tracadie Beach, Gloucester Co.
McCallum, W.H.	W. Saint John, St. John Co.
Maritime Packers (Canada) Ltd.	Cape Tormentine, Westmorland Co.
Melanson, Edmond P.	R.R. 2, Cocagne, Kent Co.
Middleton & Travis	Castalia, Charlotte Co.
Niles, Arthur	Bas Cap Pelé Westmorland Co.
Northern Products Co. Ltd.	Val Comeau, Gloucester Co.
Paturel, E.	Shediac, (C Blmet), Westmorland Co.
Quoddy Seafoods Ltd.	Blacks Harbour, Charlotte Co.
Reidpath Co. Ltd., The	Richibucto, Kent Co.
Richard Ltd., B.A.	Ste-Anne-de-Kent, Kent Co.
Robichaud & Co. Ltd.	Shippigan, Gloucester Co.
Robichaud & Sons, S.	Richibucto, Kent Co.
Roussel, Emile	Shippigan Gully
Seal Cove Canning Co.	Seal Cove
Shaw & Ellis Ltd.	Pocologan, Charlotte Co.
Spence & Sons Ltd., Geo. C.	Green Point, Gloucester Co.
Swim Bros. Fisheries Ltd.	Shippigan, Gloucester Co.
Thérault, Ade	Baie Ste-Anne, Northumberland Co.
Vita Food Products	Little Shippegan, Gloucester Co.
Weich Ltd., H.W.	Fairhaven, Charlotte Co.
Québec:	
Allard, Roland	Carleton-sur-Mer, Bonaventure Co.
Arsenault, Fabien	Pointe Basse, Magdalen Island
Assels, L.E.	Shigawake, Bonaventure Co.
Association Co-op. des Pêcheurs	Blanc Sablon, Cte; Duplessis; Sept îles, Duplessis Co.
Association Co-opérative des Pêcheurs	Cap-des-Rosiers, Gaspé Co.; Grande-Vallée, Gaspé Co.; St-Maurice de-L'Echourie, Gaspé Co.; Etang-du-Nord, Magdalen Islands, Have-aux-Maisons, Magdalen Islands.
Blue Water Seafoods Ltd.	9015 Park Ave., Montreal
Chapados, Théo	Paspébiac, Bonaventure Co.
Chlanson, In Trust, W.	Cap-aux-Meules, Magdalen Islands
Coast Produce Inc.	(Riv. Au Tonnerre) Co. Duplessis
Co-opérative Centrale	Cap-Aux-Meules, Magdalen Islands
Co-opérative des Pêcheurs	Gros Cap, Magdalen Islands
Co-opérative St-François-Xavier	Havre Aubert, Magdalen Islands
Delaney, J.W.	Havre-aux-Maisons, Magdalen Islands
Delaney, R. & Son Ltd.	Havre-aux-Maisons, Magdalen Islands
Escouade, L'	Fatima, Magdalen Islands
Gagné, Pierre A.	Matane, Matane Co.
Gorton-Pew Co.	Grindstone, Amherst, Magdalen Islands
Grindstone Fisheries Ltd.	Grande Entrée, Magdalen Islands
Harvie, G. & M.	Grand Ruisseau, Magdalen Islands
Journeaux, J.W. Lockhart	Port Daniel, Bonaventure Co.
Landry, Fred	Etang du Nord, Magdalen Island
Lelièvre, Gustave	Petite Rivière Est, Gaspé Co.
Lelièvre, Amédée	Grande Rivière, Gaspé Co.
Les Produits de la Gaspésie Enr.	8, rue Bergeron, Matane
Lockhart Journeaux, J.W.	Newport, Gaspé Co.
Magdalen Processing & Equipment Corp. Ltd.	Cap-Aux-Meules
Malbay Fish Co.	Pointe-St-Pierre, Gaspé Co.
Maritime Packers (Canada) Ltd.	Amherst, Magdalen Islands
Méthot, Jos. E.	Grande Rivière, Gaspé Co.
Morris Co-operative, C.J.	Rivière St-Paul, Saguenay Co.
Pêcheurs-Unis de Québec	Anse-au-Griffon, Gaspé Co.; Cloridorme, Gaspé Co.; Grand Rivière, Gaspé Co.; Newport, Gaspé Co.; Rivière-au-Renard, Gaspé Co.; Ste-Thérèse, Gaspé Co.; Sandy Beach, Gaspé Co.; Matane, Matane Co.
Renaud, Armand	Aurigny, Magdalen Islands
Robin, Jones & Whitman Ltd.	L'Anse-à-Beaufils, Gaspé Co. Paspébiac, Bonaventure Co.
Roussel, Emile	St-Omer, Bonaventure Co.
Séchoir de Rimouski	Rimouski
St. Lawrence Sea Products Ltd.	La Tabatière
St. Lawrence Sea Products Ltd.	17, rue St-Jacques, Québec
Sumarah, Wm. & Sons	Grindstone, Magdalen Islands

List of Establishments classified to This Industry, 1963 - Concluded

Name	Location
Ontario:	
Armstrong Fisheries	Pickle Lake
B.E.S. Food Mfg. Co. Ltd.	50 Newcastle St., Toronto
Birkner Freshwater Fisheries	3479 Tecumseh Rd., Sandwich East,
Caraquet Packers Ltd.	Box 218, Belleville
Central Smoked Fish Ltd.	63 Murlock Ave., Toronto 9
Exclusive Delicatessen Co.	10 Widmer St., Toronto
Golden Crown Foods Ltd.	382 Bering Ave., Toronto
Harbord Fish Co. Ltd.	488 Dupont St., Toronto
Ogino Food Processing	125 River St., Toronto
Omstead Fisheries (1961) Ltd.	Erie St. South, Wheatley
Riverside Fisheries Ltd.	436 University E., Windsor
Stewart Fisheries	Kingsville
Manitoba:	
Bodner Fish Distributors Ltd.	335 Ross Ave., Winnipeg 2
Booth Fisheries Canadian Co. Ltd.	Selkirk
British Columbia Packers Ltd.	463 Furby St., Winnipeg
Bye Fish Producers Ltd.	Thompson
Grand Rapids Trading Co.	311 Chambers St., Winnipeg
Independent Fish Co. Ltd.	941 Sherbrock St., Winnipeg
Keystone Fisheries	16 Martha St., Winnipeg 2
Northland Fish Ltd.	God's Lake, Molson Lake & Savage Lake
Selkirk Fisheries Ltd.	371 Logan Ave., Winnipeg
Saskatchewan:	
McInnes Products Corp. Ltd.	Crackingstone Point
Alberta:	
Fort Nelson Fish Co. Ltd.	10580-102nd St., Edmonton
British Columbia:	
A.B. Marine Products Ltd.	Steveston
Anglo-British Columbia Packing Co. Ltd.	Vancouver (North Pacific) (Phoenix)
Arctic Seafood Products Ltd.	Vancouver Box 2801
Atlin Fisheries Ltd.	Prince Rupert
Babcock Fisheries Ltd.	Ft. Campbell Ave., Vancouver
Booth Fisheries Canadian Co. Ltd.	Prince Rupert
British Columbia Packers Ltd.	Vancouver, Namu, Prince Rupert, Steveston, Sunnyside, Victoria
Canadian Fishing Co. Ltd.	Vancouver, Butedale, Port Albion, Steveston, Prince Rupert
Cassiar Packing Co. Ltd.	Vancouver 2 (Caspaco)
Edmunds & Walker Ltd.	Vancouver (B.C. Packers)
Johnston Fishing & Packing Co. Ltd.	North Surrey
Long Beach Shellfish Co. Ltd.	Tofino
Matsuo, S.	Richmond
Millard & Co. Ltd., Francis	4160 Woodland, West Vancouver
Nelson Bros. Fisheries Ltd.	Port Edward, Steveston
Nishi, S. & Son Ltd.	Port Alberni
Noda, M.	Ft. Campbell Ave., Vancouver
North American Fisheries Ltd.	N. Foot of Carrall St., Vancouver
Oakland Industries Ltd.	Victoria Box 884
Ocean Fisheries Ltd.	Ft. Campbell Ave., Vancouver 4
Pacific Fisheries Co. Ltd.	Prince Rupert
Pedersen, Eric	Port Kells
Prince Rupert Fishermen's Co-op. Assoc.	Prince Rupert
Queen Charlotte Fisheries Ltd.	610 Bidwell St., Vancouver 5
Queen Charlotte Cannery Ltd.	Masset
Royal Fisheries Ltd.	Vancouver (Prince Rupert)
Salmoto & Sons Ltd., K.	Vancouver
Salmonroe Products Ltd.	1282 Franklin St., Vancouver 6
Seafood Products Ltd.	2727 Commissioner St., Vancouver 6
Sing, Lee Buck	Box 228 Alert Bay
Todd, J.H. & Sons Ltd.	1104 Hornby St., Vancouver 1
Tofino Packing Co. Ltd.	Tofino
Tulloch-Western Fisheries Ltd.	2199 Commissioner St., Vancouver 6
Western Canada Whaling Co. Ltd.	Coal Harbour
Western Chemical Industries Ltd.	Lapointe Pier, Vancouver
White Rock Shell Fish Co.	Vancouver

CONCEPTS AND DEFINITIONS

Census of Manufactures

General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 58 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 178 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

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

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

Establishment

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

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

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

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

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

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

Head Offices and Auxiliary Units

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

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

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

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the

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

Employees

(a) Production and related workers — Manufacturing activity

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

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

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

(c) Administrative and office employees

This category includes all executive and supervisory officials such as presidents, vice-presidents, comptrollers, secretaries, treasurers,

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

(d) Sales and distribution workers

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

(e) Total Employees

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

Working Owners or Partners

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

Salaries and Wages

Salaries and wages refer to gross earnings of employees **before** deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages, bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any

other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

Fuel and Electricity

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

Materials and Supplies

(a) Manufacturing activities

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

(b) Non-manufacturing activities

1. Purchases for re-sale as such

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

2. Other materials and supplies used

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

fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

Shipments

(a) General

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

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

(b) Shipments of goods of own manufacture

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

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

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity are collected by means of the Commodity questionnaire referred to earlier. Such shipments together

with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

(c) Shipments of goods not of own manufacture

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

(d) Other revenue

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

Inventories

(a) Manufacturing activities

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



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

(b) Non-manufacturing activities

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

Value Added

(a) By manufacturing activities

Figures are compiled by deducting the cost of materials and fuel and electricity consumed from the value of production (value of shipments adjusted for changes in the value of inventories of finished goods and goods in process).

(b) By non-manufacturing activities

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

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

(c) By Total activities

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