CATALOGUE No.

32-216

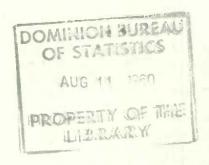
ANNUAL



THE FISH PROCESSING INDUSTRY

(Including Packing and Handling)

1958



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

August, 1960 6522-523

Price: 50 cents

PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the Foods, Beverages and Tobacco Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

Catalogue number		Per copy	Per year	Catalogue number		Per copy	Per
	General				Dairy Products		
32 - 201	Foods and Beverages - General			23 - 201	Dairy Statistics	\$.50	
04 004	Review	\$.50		32-002	Dairy Factory Production (Monthly)	.10	\$1.00
	Inventories, Shipments and Orders in Manufacturing Industries		\$4.00	32-009	Stocks of Dairy and Poultry Products (Monthly)	.20	2.00
31 - 201	General Review of the Manufacturing Industries		2.00	32 - 209	Dairy Products Industries	.75	
65-004	Trade of Canada - Exports (Monthly)		7.50	32 - 210	Process Cheese Industry	.25	
	Trade of Canada — Imports (Monthly)		7.50		Grain Mill Products		
				32 - 003	Grain Milling Statistics (Monthly)	.10	1.00
	Bakery Products			32-004	Shipments of Prepared Stock and		
32 - 202	Biscuit Industry	. 50			Poultry Feeds (Monthly)	. 30	3.00
32 - 203	Bread and Other Bakery Products				Prepared Breakfast Foods Industry		
	Industry	.50			Feeds Industry		
				32-215	Flour Milling Industry	.50	
	Beverages				Meat Products		
32-001	Monthly Production of Carbonated Beverages	.10	1.00	32-012	Stocks of Meat and Lard (Monthly)	.30	3.00
32-205	Brewing Industry	. 50		32-220	Estimates of Production and Con-		
	Distilling Industry				sumption of Meats	. 25	
32 - 207	Wine Industry	. 25		32-221	Slaughtering and Meat Packing In- dustries	50	
32 - 208	Carbonated Beverages Industry	. 50				.00	
					Other Food Industries		
	Canning and Preserving			32-005	Margarine Statistics (Monthly)	.10	1.00
22-003	Fruit and Vegetable Crop Reports			32-006	Oils and Fats (Monthly)	.10	1.00
	(Seasonal)	.20	1.00	32-007	Quarterly Report on Processed Foods	.50	2.00
24-001	Fish Freezings and Stocks (Monthly)	.20	2.00	32-013	Sugar Situation (Monthly)	.10	1.00
24-002	Monthly Review of Canadian Fish-		0.00	32 - 213	Confectionery Industry	. 50	
24-201	eries Statistics		3.00	32 - 219	Macaroni and Kindred Products In- dustry	.25	
32-010	Stocks of Fruit and Vegetables			32-222	Sugar Refining Industry	.50	
	(Monthly)	. 20	2.00	32 - 223	Vegetable Oils Industry	.50	
	Quarterly Stocks of Canned Fruits and Vegetables on Hand	. 50	2.00	32-224	Miscellaneous Food Preparations Industry	. 50	
32-211	Canned Foods Summary	. 50					
	Canned and Frozen Processed Foods	. 25			Tobacco and Tobacco Products		
	Fish Processing Industry	.50		22 - 205	Leaf Tobacco Production and Value	.25	
32-217	Stocks of Food Commodities in Cold Storage and Other Warehouses	.50		32-014	Quarterly Stocks and Consumption of Unmanufactured Tobacco	.50	2.00
32-218	Fruit and Vegetables Preparations Industry	. 50		32 - 225	Tobacco and Tobacco Products In- dustries	.50	

Note: In addition, several special statements are available. These include Monthly Meat Products, Monthly Stocks of Canned Foods, Monthly Production of Alfalfa Meal, Quarterly Bread and Bakery Products, 20 Seasonal Commodity Reports of Canned Fruits and Vegetables including Irish Potatoes.

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms 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 the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, 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. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use. export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries 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 finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

¹ To arrive at the National Accounts concept of ''gross domestic product at factor cost'', it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for ''The primary industries and construction'' are published in D.B.S. publication 61—202, Survey of Production.

^{..} figures not available.

^{...} figures not appropriate or not applicable.

⁻ nil or zero.

r revised figures.

FOREWORD

The tables that follow present statistics for establishments engaged in processing, packing and handling fish at the secondary industrial level. These establishments constitute an integral part of the Bureau's industrial statistics of the Foods and Beverages Group. Some fishermen also process the fish they land to a certain degree, but their operations are not included here. Furthermore the inland areas (Ontario, Prairie Provinces and Northwest Territories) are not at present included in the Census of Industry Survey although some fish processing is done there.

Prior to 1956, the fish processing establishments were not clearly defined and included not only establishments engaged in the actual processing of fish i.e. cutting, drying, freezing, etc., but also those whose function was to assemble fish or fishery products, i.e. lobsters, salt fish etc. In order to put this industry on a comparable basis with other industries in the Census of Industry, it was decided to distinguish between these two types of establishments.

For the purpose of this Census of Industry report the following definitions have been made:—

Fish Processor — a company whose main business is the processing of fish, i.e. cutting, freezing, drying, salting, smoking, pickling, canning, etc.

Fish Packer or Handler — a company whose main business is buying, wholesaling, packing or handling; who buys and sells fresh fish only; or who buys processed fish or fish products and sells without further processing.

Increases in the number of establishments in 1956 over those reported in 1955 are largely due to the better coverage of "Handlers", chiefly in Newfoundland, made possible by the better definition of the industry. It should be emphasized that segregation of firms into (a) Processors and (b) Packers and Handlers for 1955 was made on the basis of the 1956 returns.

Beginning in 1956, establishments were asked to report actual sales or shipments rather than production as in the past. As a consequence, the principal statistics for 1956 are not fully comparable with those of previous years. Details of production will be found in another D.3.S. annual "Fisheries Statistics of Canada, 1956."

TABLE 1. Principal Statistics of the Fish Processing and Packing Industry, Canada, 1948-55 Processors, packers and handlers

Year	Establish- ments	Average employment	Salaries and wages	Fuel and electricity	Cost of materials used	Selling value of products	Value of shipments (sales)			
	nun	nber	thousands of dollars							
1948	600	12, 243	17,041.4	1, 782. 2	74, 587. 6	115, 820, 7	-			
1949	599	11,856	16, 696, 8	1, 731. 1	69,090.0	111, 918, 9	-			
1950	591	11, 842	18, 722. 2	1, 773. 0	79, 959. 2	128, 423. 8	_			
19513	633	14, 911	24, 744. 2	2, 724. 1	101,621.1	163, 100, 2	-			
.952	635	14, 354	24, 426. 4	2, 532. 7	86, 458. 0	134,725.3	_			
1953	607	13,623	23, 169. 6	2, 426. 9	85, 773. 2	137, 085. 7	_			
1954	586	14, 202	26,001.2	2, 604, 6	95, 632. 7	153, 456. 6	_			
1955	574	14, 626	26, 320, 4	2, 663, 1	101, 921. 2	159, 888. 4	_			

¹ Newfoundland not included prior to 1951.

TABLE 2. Principal Statistics of the Fish Processing Industry, Canada, 1956-58

Year	Establish- ments	Average employment	Salaries and wages	Fuel and electricity	Cost of materials used	Value added by manufacture	Value of shipments (sales) ²			
	nun	nber	thousands of dollars							
1956	486	14, 329	27, 582. 8	2, 860. 0	104, 575. 0		170,062.7			
1957	426	13, 285	27,616.9	2,960.4	97, 969. 3	0.0	150, 708. 0°			
1958	431	13, 193	28, 367. 4	2, 85 2, 2	122, 632. 9	60, 533. 4	180, 783. 5			

TABLE 3. Principal Statistics of Establishments Engaged in Packing and Handling Fish, Canada, 1956 - 58

Year	Establish- ments	Average employment	Salaries and wages	Fuel and electricity	Cost of materials used1	Value of shipments (sales) ²		
	nun	nber	thousands of dollars					
1956	103	922	1, 351, 7	153. 4	15, 915. 4	19,026.6		
1957	99	922	1, 592, 5	172. 7	17, 146. 6	20,813.5		
1958	117	1,079	1, 918. 2	213.3	16, 593. 2	20, 744. 3		

 $^{^{\}rm 1}$ Including purchase cost of items re-sold without further processing. $^{\rm 2}$ Total shipments of sales.

Excluded items re-sold without further processing.
 Products of own manufacture only, but including value of work done on material owned by others.

TABLE 4. Principal Statistics of the Fish Processing Industry, by Provinces, 1957 and 1958

Year and province	Establish- ments	Average employment	Salaries and wages	Fuel and electricity	Cost of materials used	Value of shipments (sales)			
	nui	mber	thousands of dollars						
1957									
Totals	426	13, 285	27, 616. 9	2, 960. 4	97, 969. 3	150, 708. 0			
Newfoundland	36	2, 395	4,048,6	493.8	9, 432, 5	16, 408.8			
Prince Edward Island	27	409	478.9	49.4	2,854.2	3,615.7			
Nova Scotia	126	4,037	7,861.4	928.4	29,773.4	43,901.8			
New Brunswick	123	2, 149	3, 246.8	363, 8	61,020.1	17, 255, 1			
Quebec	70	1, 142	1,568.0	177.6	4,078.6	6, 638. 3			
British Columbia	44	3, 153	10, 413. 2	947. 4	40, 810. 5	62, 888. 3			
1958									
Totals	431	13, 193	28, 367. 4	2, 852. 2	122, 632. 9	180, 783. 5			
Newfoundland	35	2,326	3,909.9	351.0	8,089.3	15,661.8			
Prince Edward Island	22	357	412.3	42.4	2, 294, 9	2,968.7			
Nova Scotia	138	4,015	8,035.9	843. 3	30, 203, 1	47, 229. 0			
New Brunswick	126	2, 427	3,606.7	371.6	12,793.5	18,941.8			
Quebec	66	1,127	1, 444. 4	158. 4	4, 148, 6	6,672.7			
British Columbia	44	2,941	10,958.2	1,085.5	65, 103, 5	89, 309. 5			

TABLE 5. Principal Statistics of Establishments Engaged in Packing and Handling Fish, by Provinces, 1957 and 1958

Year and province	Establish- ments	Average employment	Salaries and wages	Fuel and electricity	Cost of materials used	Value of shipments (sales)			
	nun	nber	thousands of dollars						
1957									
Totals	99	922	1, 592, 5	172.7	17, 146. 6	20, 813. 5			
Newfoundland	14	264	320.0	39.6	3,903.0	4,444.2			
Prince Edward Island	7	73	100.9	23.0	815.3	1, 140. 4			
Nova Scotia	47	290	438.9	62.6	6,037.9	7, 294. 1			
New Brunswick	14	187	322.8	32.3	3,709.4	4,669.5			
Quebec	5	3	5.9	_	66. 3	75. 2			
British Columbia	12	105	404.0	15. 2	2, 614, 7	3, 190. 1			
1958									
Totals	117	1,079	1, 918. 2	213. 3	19, 343. 3	24, 405. 5			
Newfoundland	12	315	432.8	41.0	2, 462. 5	3, 569. 1			
Prince Edward Island	9	93	118.9	25. 2	974.9	1,370.5			
Nova Scotia	60	356	557.4	81. 6	8,501.7	10, 116.7			
New Brunswick	18	189	351.8	26.7	4, 152. 9	5, 196. 3			
Quebec	5	7	9.1	. 3	73. 2	84.7			
British Columbia	13	119	448.2	38. 5	3, 178. 1	4,068.2			

TABLE 6. Materials used by the Fish Processing Industry, Canada, 1957 and 1958

Materials		19	57	19	58
IVIDADA ABAD		Quantity	Cost	Quantity	Cost
			\$'000		\$'000
Totals		_	97, 969. 3	_	122, 632.
A. Materials:					
Fresh fish and shellfish	'000 lb.	1, 170, 548	66, 918. 5	1,398,601	87, 901.
Processed or semi-processed fish and fish products		_	7, 363. 1	-	7, 163,
Fish livers, tongues, scraps, etc.	'000 lb.	184,036	1, 180. 6	265, 651	1, 190.
Fish oil for refining	gal.	668, 916	1,013.5	827, 695	640.
Olive and soybean oils	4.4	305,951	490.6	265, 666	375.
Other edible vegetable oils	6.6	135, 118	85.9	238, 873	86.
Vinegar	6.4	181, 272	69.3	137, 781	56.
Salt	'000 lb.	47, 156	534.6	42, 987	507.
Other materials			2,716.7	_	3, 174.
. Containers used		-	11,768.6		14, 332.
. Operating, maintenance and repair supplies (excluding fuel)		- 11	3, 279. 0	-	3,615.
. Amount paid to others for work done (custom work)		-	2,548.9	_	3, 589.

TABLE 7. Materials used by Establishments Engaged in Packing and Handling Fish, Canada, 1957 and 1958

Madania I.		195	57	19	58
Materials		Quantity	Cost	Quantity	Cost
			\$'000		\$'000
Totals			17, 146. 6	_	19,343.3
A. Materials:					
Fresh fish and shellfish'000	lb.	81,050	11,687.1	118, 456	14, 884. 1
Processed or semi-processed fish or fish products		Plate	4, 556. 9	-	3, 336. 3
Fish livers, tongues, scraps, etc. '000	lb.	791	15.6	714	12.8
Fish oil for refining ga	1.	1,122	0.5	2, 138	0.9
Olive and soybean oils		_	_	_	-
Other edible vegetable oils		_	_	_	_
Vinegar ga	1.	20,124	4.4	18, 917	6.8
Salt	lb.	5, 816	64.6	5,349	67.0
Other materials		-	50.0	-	121.6
8. Containers used		_	532, 2	1 11-	546. 7
C. Operating, maintenance and repair supplies (excluding fuel)		-	140.6	Plants.	191.6
D. Amount paid to others for work done (custom work)		rout.	94.7	-	175.5

TABLE 8. Production Workers Employed in the Fish Processing Industry, by Months, 1958

Mouth:	Establish reporting deta	monthly	Establishi reporting deta	monthly	All establishments			
	Male	Female	Male	Female	Male	Female	Total	
				number				
January	4,621	1,427						
February	4,565	1,324						
March	4, 915	1,920			4			
April	6,142	2,364						
May	9,421	5,006	180	95	9,601	5, 101	14,702	
June	10,723	5,610						
July	11,311	5,859						
August	11,899	6,552			ļ			
September	10,081	4,919						
October	8,465	3,544						
November	6, 903	2,273						
December	5, 294	1,486						
Monthly average ²					8, 021	3,588	11,609	

¹ The number of production workers by months was generally collected only for establishments reporting value of shipments of \$50,000 and over. For smaller establishments, only the numbers employed during the last pay period of May, 1958 was collected.
² The average for establishments generally reporting shipments of less than \$50,000 was estimated by using average

TABLE 9. Production Workers Employed by Establishments Engaged in Packing and Handling Fish, by Months, 1957 and 1958

Month		1957		1958				
MOTICE	Male	Female	Total	Male	Female	Total		
January	345	40	385	427	40	467		
February	327	46	373	401	40	441		
March	316	48	364	463	48	511		
April	422	54	476	525	66	591		
May	608	120	728	812	120	932		
June	761	164	925	923	167	1,090		
July	786	203	989	921	164	1,085		
August	884	300	1, 184	996	388	1, 384		
eptember	851	246	1,097	873	284	1.157		
October	749	153	902	753	132	885		
November	622	70	692	654	102	756		
December	517	44	561	557	51	608		
Monthly average	599	124	723	696	139	835		

annual earnings data from the large establishments in conjunction with reported payrolls for the small establishments.

TABLE 10. Average Employment and Payroll in the Fish Processing Industry, Canada, 1957 and 1958

	Salaried employees			Wage-eamers			Total				
Year	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	Salaries and wages		
	nur	number		number \$'000		number		\$'000	number		\$'000
1957	1, 266	333	5,717.3	8,167	3,519	21,899.6	9, 433	3,852	27,616.9		
1958	1,277	307	5,889.0	8,021	3,588	22, 478.4	9,298	3,895	28,367.4		

TABLE 11. Average Employment and Payroll in Establishments Engaged in Packing and Handling Fish, Canada, 1957 and 1958

	Salaried employees			Wage-earners			Total		
Year	Male	Female	Total salaries	Ma le	Female	Total wages	Male	Female	Salaries and wages
	nun	nber	\$'000	nun	nber	\$'000	nur	nber	\$'000
1957	168	31	505.7	599	124	1,086.8	767	155	1,592.5
1958	200	44	636.1	696	139	1,282.1	896	183	1,918.2

TABLE 12. Average Employment and Payroll in the Fish Processing Industry by Provinces, 1957 and 1958

			1001 411	1000					
	Sal	laried emp	oloyees	1	Wage-earn	ers		Total	
Year and province	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	Salaries and wages
	กนก	nber	\$'000	num	ber	\$'000	nun	ber	\$'000
1957		1			1			1	
Totals	1,266	333	5,717.3	8,167	3,519	21,899.6	9, 433	3,852	27,616.9
Newfoundland	183	44	824.3	1,796	372	3,224.3	1,979	416	4, 048. 6
Prince Edward Island	36	12	89.1	181	180	389.8	217	192	478.9
Iova Scotia	316	101	1,244.5	2,707	913	6,616.9	3,023	1,014	7,861.4
New Brunswick	153	38	421.5	1,054	904	2,825.3	1, 207	942	3,246.8
Quebec	96	11	227.2	785	250	1,340.8	881	261	1,568.0
British Columbia	482	127	2,910.7	1,644	900	7,502.5	2, 126	1,027	10,413.2
1958									
Totals	1,277	307	5,889.0	8,021	3,588	22, 478. 4	9, 298	3,895	28, 367. 4
Newfoundland	189	37	840.6	1,751	349	3,069.3	1,940	386	3,909.9
Prince Edward Island	31	8	80.1	149	169	332.1	180	177	412. 2
Tova Scotia	337	85	1,341.8	2,702	891	6,694.1	3, 039	976	8,035.9
lew Brunswick	171	40	514.1	1,221	995	3,092.6	1,392	1,035	3,606.7
Quebec	90	11	220.5	743	283	1,223.9	833	294	1,444.4
British Columbia	459	126	2,891.9	1, 455	901	8,066.4	1,914	1,027	10,958.3

TABLE 13. Average Employment and Payroll of Establishments Engaged in Packing and Handling Fish, by Provinces, 1957 and 1958

	Sala	ried emplo	oyees	1	Wage-earne	ers		Total	
Year and province	Male	Female	Total salaries	Male	Female	Total wages	Male	Female	Salaries and wages
	nun	nber	\$'000	nun	nber	\$'000	nun	nber	\$'000
1957									
Totals	168	31	505. 7	599	124	1, 086, 8	767	155	1, 592, 5
Newfoundland	39	3	115. 2	220	2	204. 8	259	5	320.0
Prince Edward Island	11	1	19. 5	46	15	81.4	57	16	100.9
Nova Scotia	56	12	130. 1	191	31	308.8	247	43	438.9
New Brunswick	33	9	119.3	100	45	203.5	133	54	322.8
Quebec	3	-	5. 2	_	-	0.7	3	_	5.9
British Columbia	26	6	116. 4	42	31	287. 6	68	37	404. 0
1958									
Totals	200	44	636, 1	696	139	1, 282, 1	896	183	1, 918, 2
Newfoundland	41	6	123.0	264	4	309.8	305	10	432.8
Prince Edward Island	17	1	24. 7	54	21	94. 2	71	22	118. 9
Nova Scotia	76	17	190.8	218	45	366.6	294	62	557.4
New Brunswick	37	11	132.6	108	33	219. 2	145	44	351.8
Quebec	3	1	6.0	3	_	3.1	6	1	9. 1
British Columbia	26	8	159.0	49	36	289. 2	75	44	448.2

TABLE 14. Principal Statistics of the Fish Processing Industry classified according to Number of Employees, 1957 and 1958

	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	nu	mber		d	ollars	
1957						
Under 5	136	292	352, 200	35,000	2,467,900	3, 047, 200
5 to 14	117	1, 115	1,611,000	242, 200	7,879,300	10,615,300
15 4 49	106	2, 783	4,778,800	639, 900	19,942,800	28, 669, 100
50 14 99	33	2,378	5, 296, 300	521,700	27,820,500	41,040,700
100 '' 199	24	3, 221	7, 174, 500	771, 900	20, 866, 800	33, 106, 600
200 · 499)					
500 ** 999	10	3, 496	8, 404, 100	749,700	18, 992, 000	34, 229, 100
Head offices						
Totals	426	13, 285	27, 616, 900	2, 960, 400	97, 969, 300	150, 708, 00 0
1958						
Under 5	134	300	359, 884	35, 371	2, 740, 274	3, 365, 097
5 to 14	120	1, 049	1,642,170	276,806	8,378,229	11,044,934
15 * 49	112	2,891	5, 109, 842	682, 291	25, 278, 359	36,067,335
50 4 99	29	2, 100	5, 022, 689	401, 481	29, 873, 320	41,926,026
100 * 199	27	3,570	7, 620, 182	766, 049	27, 388, 827	43, 830, 166
200 ** 499)					
500 ** 999	9	3, 283	8, 612, 657	690, 206	28, 973, 899	44, 549, 946
lead offices						
Totals	431	13, 193	28, 367, 424	2, 852, 204	122, 632, 908	180, 783, 504

TABLE 15. Principal Statistics of the Fish Processing Industry, Classified according to Size of Establishments, 1957 and 1958

	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	nui	nber		do	llars	
1957						1
Under \$10,000	84	161	106,300	8,200	213, 200	373.000
\$10,000 to \$24,999	34	127	135, 100	10,800	352,200	554,000
\$25,000 '' \$49,999	55	470	720,600	107,700	2,240,600	2,051,100
\$50,000 " \$99,999	71	834	1,095,800	136,300	3, 574, 200	5, 253, 700
\$100,000 '' \$199,999	59	1,107	1,506,100	217, 300	5,971,100	8, 461, 700
\$200,000 " \$499,999	48	1,617	3,426,700	366,000	10,376,300	14, 789, 100
\$500,000 '' \$999,999	38	2,667	4,835,300	547, 200	17, 282, 400	25, 689, 900
\$1,000,000 '' \$4,999,999)					
\$5,000,000 and over	37	6,302	15, 791, 000	1,566,900	57, 959, 300	93, 535, 500
Head office						
Totals	426	13,285	27, 616, 900	2, 960, 400	97, 969, 300	150, 708, 000
1958						
Under \$10,000	83	178	124,560	11,115	237,905	408, 259
\$10,000 to \$24,999	44	228	210,091	18,583	484, 242	786,019
\$25,000 '4 \$49,999	54	432	510,418	75,439	1,205,309	1,956,641
\$50,000 '' \$99,999	59	619	888, 799	96,991	2,938,628	4, 239, 012
\$100,000 '' \$199,999	70	1,219	1,836,869	232,937	7,011,765	9,815,396
\$200,000 ' \$499,999	39	1,251	1,994,612	325, 280	8,889,760	12,465,18
\$500,000 '' \$999,999	41	2,966	5,374,512	414,574	19, 690, 640	28, 506, 509
\$1,000,000 '' \$4,999,999	- 5					
\$5,000,000 and over	41	6,300	17, 427, 563	1,677,285	82, 174, 659	122,606,481
Head office						
Totals	431	13, 193	28, 367, 424	2, 852, 204	122, 632, 908	180, 783, 504

TABLE 16. Principal Statistics of the Fish Processing Industry, classified according to Type of Ownership 1957 and 1958

	Estab- lish- ments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
	nu	mber		dol	lars	
1957		1			1	
Individual	150	948	1,073,600	133,600	5,484,000	7, 189, 100
Partnership	26	198	305,100	56, 200	1,823,100	2,504,500
Incorporated	204	11,187	24, 470, 300	2,589,300	83,909,000	131,546,000
Co-operative	46	952	1,767,900	181,300	6,753,200	9,468,400
Totals	426	13,285	27, 616, 900	2, 960, 400	97, 969, 300	150, 708, 000
1958						
Individual	158	1,023	1, 265, 165	149, 991	6,220,035	8,249,989
Partnership	32	226	291,055	65,517	1,541,359	2,082,415
Incorporated	193	10,926	24,917,890	2,465,628	107, 375, 609	158, 989, 088
Co-operative	48	1,018	1,893,314	171,068	7, 495, 905	11,462,013
Totals	431	13, 193	28, 367, 424	2, 852, 204	122, 632, 908	180, 783, 504

TABLE 17. Consumption of Fuel and Electricity by the Fish Processing Industry, Canada, 1958

	Quantity	Cost value at factory
		\$
Establishments reporting commodity detail:1		
Bituminous coal (a) From Canadian mines ton	13,893 8	206, 017 278
Sub-bituminous coal (from Alberta mines only)	40	845
Anthracite coal	60	1,843
Lignite coal	10	250
Coke	3 28	6,770
Gasoline Imp. gal.	648, 649	266, 244
Fuel oil	11,079,873	1, 342, 625
Woodcord	2,917	40, 360
Gas (a) Liquefied petroleum gases (propane, etc.)	8, 601 8, 260 57, 750	2, 714 6, 195 5, 393
Other fuel		13, 769
Electricity purchased kwh.	46, 552, 909	923, 111
Establishment not reporting commodity detail:		
Total cost of fuel		21,670
Electricity purchased		14, 120
All establishments:		
Total cost of fuel		1,914,973
Total cost of electricity		937, 231
Total cost of fuel and electricity		2, 852, 204

¹ Data on the quantity and value of the different kinds of fuel and on quantity of electricity purchased were generally not collected for establishments reporting value of shipments of less than \$50,000. Only the total cost of fuel and the total cost of electricity were collected for these establishments.

TABLE 18. Consumption of Fuel and Electricity by Establishments Engaged in Packing and Handling Fish, Canada, 1958

	Quantity	Cost value at factory
		\$
Bituminous coal (a) From Canadian mines	241 39	4, 152 747
Anthracite	9	343
Gasoline	227, 755	94, 217
uel oil	192, 278	37, 165
/oodcord	1,399	13, 220
las (a) Liquefied petroleum gases (propane, etc.)	3, 210 1, 982	1,532 350
ther fuel	_	1, 135
lectricity purchased kwh.	2, 112, 315	60, 505
otal cost of fuel		152, 861
Potal cost of fuel and electricity		213, 366

TABLE 19. Power Equipment operated by the Fish Processing Industry, Canada, 1958

Type of equipment	Driving generators	Not driving generators
	horse	epower
A. Prime movers:		1
Steam engines	393	449
Steam turbines	415	30
Diesel engines	9,672	2,134
Gasoline, gas and oil engines, other than diesel engines	101	1,141
Hydraulic turbines or water wheels	650	420
Totals	11,231	4,174
B. Electric motors (one-quarter horsepower and over)	_	31,780

TABLE 20. Power Equipment operated by Establishments Engaged in Packing and Handling Fish, Canada, 1958

Type of equipment	Driving generators	Not driving generators
	horse	epower
. Prime Movers:		
Steam engines	99=95	281
Steam turbines	60-00	-
Diesel engines	263	54
Gasoline, gas and oil engines, other than diesel engines	16	06
Hydraulic turbines or water wheels	49=0s	-
Totals	279	401
B. Electric motors (one-quarter horsepower and over)		873

List of Large Fish Processing Plants

Name	Location
Newfoundland:	
Ashbourne's Ltd. Barry Fisheries Bonavista Cold Storage Co. Ltd. Bowring Bros. Ltd. Burgeo Fish Ind. Ltd. Clyde Lake Ltd., H.B. East Coast Fisheries	Curling St. John's St. John's Burgeo St. John's
Gaultois Fisheries Ltd. Hardy Co. Ltd. T.J. Hiscock Sons Ltd., J.W. Job Bros. & Co. Ltd.	Burnt Islands, Catalina, Greenspond, Holyrood, Isle-Aux-Morts, Joe Batts Arm, Trepassey Gaultois Port Aux Basques Brigus
Munn Co. Ltd., W.A. Nfld. Homogenized Fish Co. Ltd. Newfoundland Quick Freeze Ltd. North Eastern Fish Ind. Ltd. North Eastern Fish Ind. Ltd.	Harbour Grace St. John's Witless Bay Harbour Grace, Permense
Penney & Sons Ltd., John Steers Exports Limited Wareham & Sons Ltd., A. W.W. Wareham & Sons Ltd.	Ramea St. John's Harbour Buffett

List of Large Fish Processing Plants - Continued

Name	Location
rince Edward Island:	
	Wallington (Abrame Village)
Acadian Fish Co-op Assoc. Ltd. Alberton Fisheries Ltd.	
Beach Point Fishermen's Co-op Assoc. Ltd.	Murray Harbour (Beach Point)
R. Champion & Sons	
Eastern Fisheries Ltd.	Souris
Fraser, T.H.	Murray Harbour
French River Cannery	
Wendell Graham	
Keeping & McKay Ltd. Myrick McIntosh Ltd.	
Martell, Wm. S.	
Montague Cold Storage Ltd.	Montague
North Rustico Canning Co.	North Rustico
North Rustico Fishermen's Co-op Assoc. Ltd.	
North Shore Packing Co. Ltd. Ramsay, Merritt	
Station 4 Fisherman's Union	
Tignish Fisheries Ltd.	
ova Scotia:	Tandas Halifax Co
Abriel Fisheries	
Acadia Fisheries Ltd. Adams & Knickle Ltd.	Lunenburg, Lunenburg Co.
Allen, George	
Antigonish Co-op Fisheries Ltd.	
L'Ardoise Co-op Soc. Ltd.	L'Ardoise, Richmond Co.
Arey Everett	Port La Tour, Shelburne Co.
Atkinson, Arthur L.	
Atkinson, Mervin	Stony Island, Shelburne Co. Roseway, Shelburne Co.
Bay of Fundy Fish Co.	Digby, Digby Co.
B.C. Packers Ltd.	
B.C. Packers Ltd.	Clarkes Harbour, Shelburne Co.
Belliveau Fisheries	
Bickerton Co-Operative Ltd.	
Bickerton Fisheries Ltd	Bickerton West, Guys Co. Petit de Grat, Richmond Co.
Briny Deep Fisheries Ltd.	Lunenburg, Lunenburg Co.
Burke, W.D.	
Burns Fisheries Ltd.	Halifax
Cabot Cold Storage Co-op Soc, Ltd	Cheticamp, Inverness Co.
Casey, Joseph	
Chandler Bros.	
Cheticamp Fishermen's Co-op Soc. Ltd. Chetwynd. Eldridge	
Comeau & Sons, L.H.	
Comeau's Sea Foods	Saulnierville, Digby Co.
Conlew Ltd.	
	N.S. and Pugwash)
Connors Bros. Ltd.	
Cunningham & Son Ltd., F.E. Davis Fish Co. Ltd., Frank E.	Freeport, Digby Co.
Denton & K. Raymond, C.A.	
Dingwall Fish Co.	Dingwall, Victoria Co.
Doyle & Sons Ltd., John A.	Lismore, Pictou Co.
Fish Reduction Ltd. (Malone Bros.)	Woods Harbour (Barrington) Yarmouth Co.
Frankland Canning Co. Ltd.	
Fulham Bros. of Canada Ltd.	
Glace Bay Fish Meal Co. Goldman & Sons, Mrs. D.	
Gorton-Pew Ltd.	
Grand Etang Fish Co-op Soc. Ltd.	Grand Etang, Inverness Co.
Granville R. Gates	Blandford, Lunenburg Co.
Greencorn, Ted	Drumhead, Guys Co.
Greenwood, Roy	Shag Harbour, Shelburne Co.
Halifax Fisheries Ltd.	Halifax Hubbard, Halifax Co.
Harris & Theriault Ltd.	East Ferry, Digby Co.
Hopkins, H.H.	Port Morien, Cape Breton Co.
Hopkins & Hopkins Ltd.	
Hopkins & Hopkins Ltd. Ingonish Fisheries Isle Madame Fishermen's Co-op.	Ingonish, Victoria Co.

List of Large Fish Processing Plants - Continued

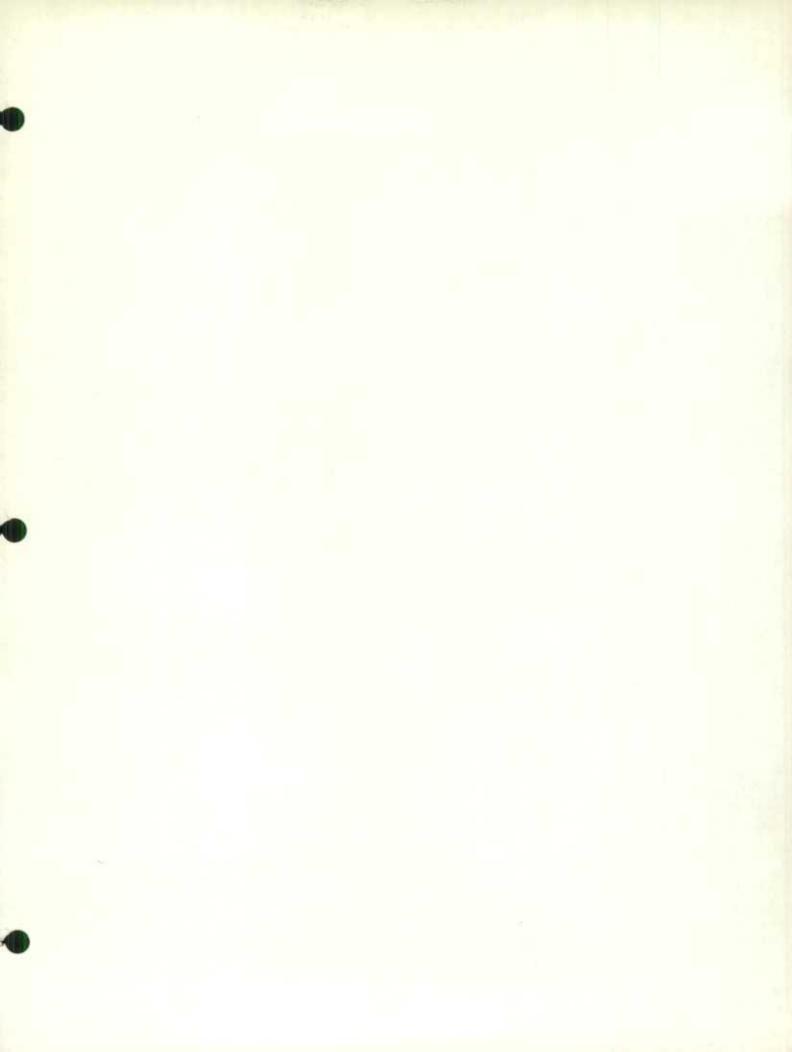
Name	Location
Nova Scotia – Continued:	
Kendrick, Henry S,	Shag Harbour, Shelburne Co.
Kenney & Ross Ltd.	
Koritem, Wilfred	Yarmouth
Laurence Sweeney Fisheries Ltd.	Yarmouth, Yarmouth Co.
Lipkus & Sons, Joe	Glace Bay, Cane Breton Co.
Louisburg Fisheries Ltd.	Louisburg, Cape Breton Co.
Lunenburg Sea Products Ltd.	Lunenburg, Lunenburg, Co.
Lunenburg Outfitting Co. Magee Ltd., Fred	Lunenburg, Lunenburg, Co,
Maritime Packers Ltd.	Pictou, Pictou Co. Pictou, (Caribou Harbour) Pictou Co.
Matthews & Scott Co. Ltd.	Queensport, Guys Co.
McLeod, Crosby William Jr.	Central Port Mouton (Willow Cove) Queens Co.
McClafferty & Sons. W.F.	East Ferry (Whale Cove) Digby Co.
Mitchell Ltd., W. & C. H.	Central Wharf, Halifax Co.
Murphy, Michael	Lower Wedgeport, Yarmouth Co.
National Sea Products Ltd.	
Nicharan Bran I td	Dighy
Nickerson Bros. Ltd. Nickerson, Claredon	Liverpool (Port Mouton) Queens Co.
Nickerson & Sons Ltd., H.B.	Clarkes Harbour, Shelburne Co. North Sydney, Cape Breton Co.
Pierce Fisheries Ltd.	Lockeport (Port L'Hebert) Shelburne Co.
Pubnico Co-op. Association	Middle E. Pubnico, Yarmouth Co.
Raymond, Keith	Centreville, Digby Co.
Ritcey Bros. (Fisheries) Ltd.	Riverport, Lunenburg Co.
Robin Jones & Whitman Ltd.	Cheticamp, Inverness Co.
Sable Fish Packers Ltd.	Clarkes Harbour, Shelburne Co.
Sambro Fisheries Ltd.	Box 253, Halifax
Sandy Cove Fisheries Ltd.	
Schnare, Roy	
Seaweed Products Ltd. Seaweeds Products Ltd.	Yarmouth, Yarmouth Co.
Shaw & Gidney	Yarmouth Centreville, Digby Co.
Shelburne Fisheries Ltd.	Shelburne, Shelburne Go.
Smith & Co. Ltd. A.M.	
Smith, Joel	Sandford, Yarmouth Co.
Smith, Robert I. & Wilbert	Shag Harbour, Shelburne Co.
Smith, William	Sandford, Yarmouth Co.
Snow Bros. Reg'd.	Digby, Digby Co.
South Shore Fisheries	
Reed, St. Clair Reed, Hubert St. Clair	Stony Island, Shelburne Co. Clam Pt., Shelburne Co.
Swim Bros. Ltd.	Lockeport Shelburne Co.
Theriault, Newman B.	East Ferry, Digby Co.
Thorburn Bros.	Sandy Point, Shelburne Co.
Tor Bay Canning Co. Ltd.	
Vita Food Products Inc.	
Wedgeport Sea Foods Ltd.	
Whitmoyer Laboratories Ltd.	
Wight, Russell A.	Port Medway, Queens Co.
Yarmouth Cold Storage Co. Ltd. Young Reginald	Yarmouth Atwoods Brook, Shelburne Co.
Zwicker & Co. Ltd.	
ew Brunswick:	Lamagua Clausestes Ca
L'Assoc. Co-op. des Pecheurs de L'Ile Ltée Beaver Harbour Canning Co. Ltd.	
Boudreau, Alvin	Beaver Harbour, Charlotte Co. Leger Brook, Westmorland Co.
Bourque Ltd., Emile	
Lower Cape Bald Fish Assoc. Ltd.	Lower Cane Bald, West Co.
Cape Bald Packers Ltd.	Cape Bald, Westmorland Co.
Caraquet Packers Ltd	M. Caraquet
Connors Bros.	
Connors Bros. Ltd.	Blacks Harbour, Charlotte Co.
Lewis Connors & Sons Ltd.	Back Bay, W., Saint John
Co-opérative de Baie Ste-Anne, La	Baie Ste-Anne, Northumberland Co.
Co-opérative Cartier Ltée, La	Richibucto, Kent Co.
Frankland, Carman	Newcastle, Northumberland Cc. White Head, Charlotte Co.
Gagnon, Edmond	Robichaud, West Co.
Gallant, Ernest	Robichaud Office, West Co.
Godin, John B.	Maisonnette, Gloucester Co.
Gorton-Pew Ltd.	
Gould, Nazaire	

List of Large Fish Processing Plants - Continued

Nume	Location
New Brunswick - Concludeà:	
Gully Fish & Food Products	Shippigan Gully, Gloucester Co.
Harvey, F.W.	
Jackson Bros.	
Kent Packers Ltd.	
King & Son, Clovis	
Landry & Landry Ltd.	
LeBlanc, Ferdinand	
Loggie Co. Ltd., A.R.	
Loggie Co, Ltd., W.S. Loggie Co, Ltd., W.S.	Tracadie, Gloucester Co. Tracadie, Beach, Gloucester Co.
Lomax, Everet C.	
Melanson, Edmond P.	Cocagne, Kent Co.
Monarch Cold Storage Co. Ltd.	Loggieville (Shippigan) Northumberland Co.
Paturel, E.	
Quoddy Seafoods Ltd.	
The Reidpath Co. Ltd.	
Robertson & Whalen Robichaud & Co. Ltd.	
Robichaud & Sons, S.	
Robinson Ltd.	
Seal Cove Canning Co.	Seal Cove, Grand Manan,
Shaw & Ellis Ltd.	
Swim Bros, Ltd.	
Vita Food Products Inc.	
Welch Ltd., H.W.	Familiaven, Charlotte Co.
Quebec;	
Arsenault, Fabien	Pointe Basse, Magdalen Islands
Assels, L.E.	
Association des Pêcheurs	Grande Rivière, Gaspé Sud
Canapro Ltd.	
Caron, Alfred	
Chapados, Theo	Paspébiac, Bonaventure Co. Cap aux Meules, Magdalen Islands
Chiasson In Trust, W. Coast Produce Inc.	
Conserverie Carleton Ltée, La	
Co-opérative Centrale	Cap-aux-Meules, Magdalen Islands
Co-opérative Centrale	Havre Amherst, Iles de la Madeleine
Co-opérative des Pêcheurs	
Co-opérative du Gros Cap	
Co-opérative St-Francois Xavier Delaney, J.W.	
Delaney & Son Ltd., R.	
L'Escouade	
Gagné, Pierre A.	Matane, Co. Matane
Goodwin, Isaac	Grande Entree, Magdalen Islands
Gorton-Pew	Amherst, Magdalen Islands
Gorton-Pew Co.	
Grindstone Fisheries	
Harvie, G. & M.	
Hyman & Sons Ltd., Wm.	
Island Products Co.	
Journeaux, J.W.L.	Port Daniel, Bonaventure Co.
Labrador Fisheries Ltd.	
Landry, Fred	
Lelièvre, Amédée	
Lelièvre & Cie Ltée, Napoleon	
Maritime Packers (Canada) Ltd.	
Méthot, Jos. E.	
Molloy, Pierre	Chandler, Gaspé Sud
Morris Co-Opérative	Rivière St. Paul, Co. Saguenay
Murray, Alex	Pasbebiac, Bonaventure Co.
Pêcheurs du Bassin	
Pêcheurs Unis du Québec Pitre, Lionel	
Les Produits Marine Gaspésiene Ltée	
Les Produits Marins Gaspésiens Ltée	
Les Produits Marins Gaspésiens Ltée Raymond Achille Renaud, Armand	Bonaventure Co.

List of Large Fish Processing Plants - Concluded

Name	Location
Quebec - Concluded:	
Roussel, Emile	St. Omer. Penaventure Co.
Roussy, Edgar	
St. Lawrence Sea Products Ltd.	
Salt Water Fish Co. Reg'd.	Port Daniel Est, Bonaventure Co.
Séchoir de Gaspé	Gaspé
Séchoir de Rimouski	Rimouski
Ship Supply	
Syndicat des pêcheurs	
Syndicat des pecheurs	ridorme, Grande Vallée, Havre aux Maisons
	Lourdes, Blanc Sablon, Newport, Rivière au Re
	nard, Ruisseau LeBlanc, St. Maurice de l'Echou
	rie, Ste, Thérèse, Sept lles
Syndicat du Détroit de Belle Isle	
Sumarah & Sons, Wm.	
Thériault, Wm.	
L'Union Co-Opérative	Cap aux Meules, Magdalen Islands
La Vaillante	Grande Entrée, Magdalen Islands
British Columbia:	
Anglo-British Columbia Packing Co. Ltd.	
Atlin Fisheries Ltd.	
Babcock Fisheries Ltd.	
Booth Fisheries Canadian Co. Ltd.	
British Columbia Packers Ltd.	Boundary Bay, Coal Harbour, Imperial, Namu, Prince
	Rupert, Sunnyside, Victoria
Canadian Fishing Co. Ltd.	Butedale, Goose Bay, Home, Oceanside, Port Albic
	Steveston, Capasco.
Cassiar Packing Co. Ltd.	Skeena Rines
Edmunds & Walker Ltd. (B.C. Packers)	Vancouver
Millerd & Co. Ltd., Francis	
Hart & Howes Ltd.	
Johnston Fishing & Packing Co. Ltd.	
Nelson Bros. Fisheries Ltd.	
North Shore Packing Co. Ltd.	
Pacific Fisheries Co. Ltd.	
Prince Rupert Fishermens' Co-op. Assoc.	Prince Rupert
Queen Charlotte Canners Ltd.	Massett
Queen Charlotte Fisheries Ltd.	Vancouver
Royal Fisheries Ltd.	Prince Rupert
Seafood Products Ltd.	
J.H. Todd & Sons Ltd.	
Western Chemical Industries Ltd.	Lapointe Pier, Vancouver



STATISTICS CANADA LIBRARY LELECTRÉGUE STATISTIQUE CANADA 1010751639