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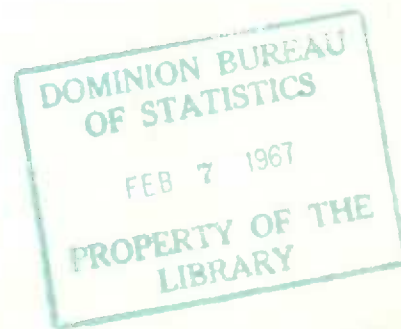
ANNUAL



# FISH PRODUCTS INDUSTRY

1964

ANNUAL CENSUS  
OF MANUFACTURES



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## PUBLICATIONS

In addition to the report, on this industry, the DBS publishes annual statistics on a number of related industries and current statistics on the more important commodities. Copies of reports provided in the following list are available from the Information and Public Relations Division of the DBS, Ottawa or from the Queen's Printer, Hull, P.Q.

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# FISH PRODUCTS INDUSTRY

1964

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, 8 and 10.

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".

The data included in the following tables are subject to revision as a result of an intensive investigation in 1965 of reporting practices by the larger establishments. These revisions will be carried in the 1965 report and will cover the years 1961 to 1964 inclusive.

### SYMBOLS

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

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

TABLE 1. Principal Statistics, 1961-64

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
1961													
Totals .....	358	12,001	22,622	25,034	3,073	115,468	182,636	64,908 <sup>r</sup>	120	245	14,781 <sup>r</sup>	34,540	67,237 <sup>r</sup>
1962													
Totals .....	355	12,295	25,129	28,490	3,626	144,326	215,571	74,871	104	238	15,243	39,769	79,247
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	640	503	33	2,387	3,663	1,324	8	18	365	610	1,366
Nova Scotia .....	120	3,647	7,753	8,786	917	39,418	56,365	17,032	37	97	4,120 <sup>r</sup>	10,727 <sup>r</sup>	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	28,001	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	15,588 <sup>r</sup>	42,022 <sup>r</sup>	75,348
1964													
Newfoundland .....	45	2,922	5,833	5,786	819	19,331	32,573	12,200	3	10	3,313	7,353	12,880
Prince Edward Island .....	17	391	850	728	77	3,625	4,938	1,362	8	21	427	856	1,456
Nova Scotia .....	115	3,816	8,293	9,711	1,056	45,354	66,327	20,152	42	114	4,320	11,774	21,952
New Brunswick .....	70	2,129	4,625	4,350	445	17,818	27,624	8,933	34	86	2,438	5,261	9,631
Quebec .....	50	948	1,906	1,682	146	5,883	8,987	3,105	13	35	1,084	2,175	3,608
Ontario .....	14	425	893	1,128	167	3,726	6,690	2,625	4	11	476	1,443	2,659
Manitoba .....	10	353	797	932	96	5,265	7,704	2,244	—	—	473	1,364	2,521
Saskatchewan .....	2												
Alberta .....	1												
British Columbia .....	47	1,954	3,703	8,790	1,195	56,597	89,640	32,714	3	7	3,448	15,235	33,927
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	371	12,938	26,900	33,107	4,002	157,599	244,484	83,335	107	264	15,979	45,460	88,635



TABLE 2. Principal Statistics classified by Size Group based on Value of Shipments of Goods of Own Manufacture, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1963													
Under \$10,000 .....	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	242	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	—	—	2,242	7,991	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	15,588	42,022	75,348
1964													
Under \$10,000 .....	28	17	45	41	6	68	140	67	19	24	19	49	68
\$ 10,000 to \$ 24,999 .....	35	68	149	133	20	303	590	263	29	64	80	158	310
25,000 " 49,999 .....	41	160	334	302	41	863	1,498	611	23	58	190	369	675
50,000 " 99,999 .....	49	306	631	589	85	2,344	3,530	1,235	20	63	384	771	1,335
100,000 " 199,999 .....	48	628	1,235	1,149	193	4,623	6,792	2,111	13	49	699	1,369	2,339
200,000 " 499,999 .....	61	1,436	2,932	2,970	344	13,295	19,790	5,915	2	9	1,601	3,479	6,438
500,000 " 999,999 .....	42	1,922	3,859	4,241	467	20,797	30,801	9,935	—	—	2,184	5,290	10,503
1,000,000 " 4,999,999 .....	60	6,515	13,739	16,955	2,111	80,335	123,014	39,575	1	16	8,266	24,124	42,255
5,000,000 and over .....	7	1,886	3,975	6,729	735	34,971	58,331	23,622	—	—	2,349	8,649	24,226
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	207	1,204	487
Totals .....	371	12,938	26,900	33,107	4,002	157,599	244,484	83,335	107	284	15,979	45,460	88,635

TABLE 3. Principal Statistics classified by Size Group based on Manufacturing Value Added, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000			\$'000
1963													
Under \$10,000 .....	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	2,238
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	—	—	4,580 <sup>r</sup>	15,383 <sup>r</sup>	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	15,588 <sup>r</sup>	42,022 <sup>r</sup>	75,348
1964													
Under \$10,000 .....	71	93	207	187	33	871	1,294	366	53	98	111	228	406
\$ 10,000 to \$ 24,999 .....	65	324	661	588	89	2,775	3,941	1,072	37	107	381	717	1,267
25,000 " 49,999 .....	51	555	1,092	977	143	4,078	5,859	1,822	12	46	658	1,246	2,045
50,000 " 99,999 .....	51	851	1,726	1,651	252	10,491	14,279	3,426	4	16	969	2,012	3,739
100,000 " 199,999 .....	47	1,559	3,267	3,417	402	17,550	24,800	6,767	—	—	1,739	4,094	7,420
200,000 " 499,999 .....	46	3,164	6,517	7,040	743	40,962	57,036	15,394	1	16	3,566	8,619	16,316
500,000 " 999,999 .....	20	2,482	5,218	6,240	759	22,888	37,309	13,229	—	—	2,979	7,644	13,646
1,000,000 " 4,999,999 .....	20	3,910	8,212	13,006	1,581	57,983	99,966	41,257	—	—	5,369	19,496	43,309
5,000,000 and over .....													
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	207	1,204	487
Totals .....	371	12,938	26,900	33,107	4,002	157,599	244,484	83,335	107	284	15,979	45,460	88,635

TABLE 4. Principal Statistics classified by Size Group based on Total Value Added, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
<b>1963</b>													
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	831	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	—	—	4,872 <sup>r</sup>	16,952 <sup>r</sup>	34,671
5,000,000 and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	216	1,182	138
<b>Totals .....</b>	<b>365</b>	<b>12,639</b>	<b>26,233</b>	<b>30,840</b>	<b>4,128</b>	<b>139,573</b>	<b>213,918</b>	<b>71,574</b>	<b>95</b>	<b>232</b>	<b>15,588<sup>r</sup></b>	<b>42,022<sup>r</sup></b>	<b>75,348</b>
<b>1964</b>													
Under \$10,000 .....	65	80	180	164	30	674	1,041	321	50	90	88	190	327
\$ 10,000 to \$ 24,999 .....	61	252	517	466	74	2,331	3,359	937	34	93	303	589	988
25,000 " 49,999 .....	52	520	1,023	891	103	3,725	5,295	1,645	17	64	609	1,128	1,805
50,000 " 99,999 .....	57	899	1,809	1,702	296	10,728	14,573	3,505	5	22	1,022	2,057	3,870
100,000 " 199,999 .....	43	1,404	2,929	3,035	330	13,343	19,829	5,915	—	—	1,572	3,592	6,198
200,000 " 499,999 .....	49	3,120	6,496	6,950	711	42,805	58,132	14,583	1	16	3,522	8,623	15,858
500,000 " 999,999 .....	22	2,379	4,828	5,859	815	21,563	35,924	13,358	—	—	2,891	7,435	13,688
1,000,000 " 4,999,999 .....	22	4,284	9,118	14,039	1,644	62,430	106,332	43,072	—	—	5,785	20,683	45,413
5,000,000 and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	207	1,204	487
<b>Totals .....</b>	<b>371</b>	<b>12,938</b>	<b>26,900</b>	<b>33,107</b>	<b>4,002</b>	<b>157,599</b>	<b>244,484</b>	<b>83,335</b>	<b>107</b>	<b>284</b>	<b>15,979</b>	<b>45,460</b>	<b>88,635</b>

TABLE 5. Principal Statistics classified by Size Group based on Total Employed, 1963 and 1964

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
<b>1963</b>													
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	2,996
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	—	—	5,987 <sup>r</sup>	17,698 <sup>r</sup>	30,672
500 employed and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	216	1,182	138
<b>Totals .....</b>	<b>365</b>	<b>12,639</b>	<b>26,233</b>	<b>30,840</b>	<b>4,128</b>	<b>139,573</b>	<b>213,918</b>	<b>71,574</b>	<b>95</b>	<b>232</b>	<b>15,588<sup>r</sup></b>	<b>42,022<sup>r</sup></b>	<b>75,348</b>
<b>1964</b>													
Under 5 employed .....	90	117	261	251	45	2,653	3,572	925	64	134	141	318	949
5- 14 employed .....	99	663	1,371	1,368	268	6,723	10,052	3,037	40	126	806	1,776	3,288
15- 49 " .....	97	2,176	4,455	4,895	580	31,761	43,920	11,333	2	8	2,501	6,203	12,331
50- 99 " .....	42	2,583	5,259	6,357	766	34,742	50,589	16,089	—	—	2,928	7,679	16,932
100-199 " .....	25	2,933	6,060	6,904	768	31,413	49,617	15,932	1	16	3,607	9,082	16,382
200-499 " .....	18	4,466	9,495	13,332	1,575	50,307	86,733	36,020	—	—	5,789	19,199	38,266
500 employed and over .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	207	1,204	487
<b>Totals .....</b>	<b>371</b>	<b>12,938</b>	<b>26,900</b>	<b>33,107</b>	<b>4,002</b>	<b>157,599</b>	<b>244,484</b>	<b>83,335</b>	<b>107</b>	<b>284</b>	<b>15,979</b>	<b>45,460</b>	<b>88,635</b>

TABLE 6. Principal Statistics classified by Type of Organization, 1963 and 1964

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
	No.		'000			\$'000				\$'000		\$'000	
<b>1963</b>													
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, 628 <sup>r</sup>	36, 674 <sup>r</sup>	68, 366
Co-operatives .....	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
<b>Totals .....</b>	<b>365</b>	<b>12, 639</b>	<b>26, 233</b>	<b>30, 640</b>	<b>4, 128</b>	<b>139, 573</b>	<b>213, 918</b>	<b>71, 574</b>	<b>95</b>	<b>232</b>	<b>15, 588<sup>r</sup></b>	<b>42, 022<sup>r</sup></b>	<b>75, 348</b>
<b>1964</b>													
Individual ownerships .....	87	410	942	769	116	5, 669	7, 248	1, 453	78	206	442	849	1, 588
Partnerships .....	20	138	271	460	33	2, 016	2, 928	1, 100	29	77	193	563	1, 092
Incorporated companies .....	229	11, 397	23, 666	29, 567	3, 609	136, 874	216, 715	75, 665	—	—	13, 969	39, 835	80, 030
Co-operatives .....	35	993	2, 020	2, 311	244	13, 041	17, 593	5, 098	—	—	1, 168	3, 009	5, 439
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	207	1, 204	487
<b>Totals .....</b>	<b>371</b>	<b>12, 938</b>	<b>26, 900</b>	<b>33, 107</b>	<b>4, 002</b>	<b>157, 599</b>	<b>244, 484</b>	<b>83, 335</b>	<b>107</b>	<b>284</b>	<b>15, 979</b>	<b>45, 460</b>	<b>88, 635</b>

TABLE 7. Calculation of Output, Input and Value Added, 1963 and 1964

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1963	1964	1963	1964	1963	1964
<b>\$'000</b>						
<b>Output</b>						
1. Shipments and other revenue .....	213, 918	244, 484	32, 710	40, 970	246, 628	285, 453
Inventories—Goods of own manufacture:						
Add closing—Goods in process .....	..	..	...	...	..	..
Finished goods .....	33, 491	26, 793	...	...	33, 491	26, 793
Deduct opening—Goods in process .....	..	..	...	...	..	..
Finished goods .....	32, 134	26, 340	...	...	32, 134	26, 340
2. Net inventory change .....	1, 357	453	...	...	1, 357	453
3. Gross output (1 + 2) .....	215, 275	244, 937	32, 710	40, 970	247, 985	265, 906
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	28, 255	34, 387	28, 255	34, 387
Inventories—Goods not of own manufacture:						
Add opening .....	...	...	1, 318	2, 895	1, 318	2, 895
Deduct closing .....	...	...	2, 266	2, 729	2, 266	2, 729
5. Cost of goods sold (not of own manufacture) .....	...	...	27, 307	34, 553	27, 307	34, 553
6. Materials, supplies, etc. ....	139, 573	157, 599	1, 629	1, 117	141, 202	158, 716
7. Fuel and electricity .....	4, 128	4, 002	...	...	4, 128	4, 002
8. Gross input (5 + 6 + 7) .....	143, 701	161, 601	28, 936	35, 670	172, 637	197, 271
<b>Value added (3 - 8) .....</b>	<b>71, 574</b>	<b>83, 335</b>	<b>3, 774</b>	<b>5, 300</b>	<b>75, 348</b>	<b>88, 635</b>



TABLE 8. Employment and Payroll, 1963 and 1964

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other												
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Manufac- turing	Other			
	number										\$'000				
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	—	308 <sup>r</sup>	114	27	5	3,052 <sup>r</sup>	1,068	8,786	38	1,808 <sup>r</sup>	96	10,727 <sup>r</sup>
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	1,310 <sup>r</sup>	437	943	80	11,011 <sup>r</sup>	4,577	30,840	517	7,940 <sup>r</sup>	2,726	42,022 <sup>r</sup>
1964															
Newfoundland .....	2,392	530	15	—	277	66	21	12	2,705	608	5,786	35	1,457	75	7,353
Prince Edward Island .....	195	196	3	—	24	8	1	—	223	204	728	7	118	3	856
Nova Scotia .....	2,775	1,041	11	—	326	126	34	7	3,146	1,174	9,711	26	1,905	131	11,774
New Brunswick .....	1,132	997	90	—	114	59	36	10	1,372	1,066	4,350	283	564	63	5,261
Quebec .....	638	310	—	3	98	14	21	—	757	327	1,682	3	381	109	2,175
Ontario .....	203	222	3	—	23	19	6	—	235	241	1,128	57	210	48	1,443
Manitoba .....	250	103	38	—	49	12	21	—	358	115	932	92	265	74	1,364
Saskatchewan .....															
Alberta .....															
British Columbia .....	1,195	759	4	6	446	186	778	74	2,423	1,025	8,790	26	3,796	2,621	15,235
Yukon and Northwest Terri- tories .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals .....	8,780	4,158	164	9	1,357	490	918	103	11,219	4,760	33,107	529	8,698	3,124	45,460

TABLE 9. Production and Related Workers, — Manufacturing Activity, 1963 and 1964

Month	1963		1964	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January .....	5,340	1,894	5,449	1,919
February .....	5,047	1,685	5,730	2,392
March .....	5,309	2,016	5,559	2,149
April .....	6,699	2,435	6,946	2,712
May .....	9,866	5,335	9,836	5,354
June .....	12,125	6,348	12,196	6,239
July .....	11,982	5,980	12,650	6,579
August .....	11,698	7,161	12,368	6,839
September .....	10,247	5,540	10,824	5,356
October .....	9,029	4,185	8,878	4,121
November .....	7,712	3,147	7,577	3,320
December .....	6,258	2,281	6,135	2,545
Averages .....	8,446	4,016	8,661	4,128
Establishments reporting annual averages (small establishments only) .....	134	43	119	30
Average for all establishments .....	8,580	4,059	8,780	4,158

TABLE 10. Inventories,<sup>1</sup> 1964

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
Opening:						
Newfoundland .....	..	..	..	4,132	163	4,295
Prince Edward Island .....	..	..	..	268	88	356
Nova Scotia .....	..	..	..	6,776	455	7,231
New Brunswick .....	..	..	..	4,311	709	5,020
Quebec .....	..	..	..	606	393	1,000
Ontario .....	..	..	..	996	—	996
Manitoba .....	}	..	..	887	6	893
Saskatchewan .....						
Alberta .....						
British Columbia .....	..	..	..	26,472	1,081	27,554
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	..	..	..	44,448	2,895	47,344
Closing:						
Newfoundland .....	..	..	..	3,908	128	4,037
Prince Edward Island .....	..	..	..	394	99	493
Nova Scotia .....	..	..	..	7,012	808	7,820
New Brunswick .....	..	..	..	3,883	430	4,314
Quebec .....	..	..	..	855	295	1,150
Ontario .....	..	..	..	824	—	824
Manitoba .....	}	..	..	787	7	795
Saskatchewan .....						
Alberta .....						
British Columbia .....	..	..	..	33,868	961	34,828
Yukon and Northwest Territories .....	—	—	—	—	—	—
Totals .....	..	..	..	51,531	2,729	54,261

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines .....	ton 7,028	108	3,554	45
(b) Imported .....	..	—	—	—
Sub-bituminous coal (from Alberta mines only) .....	.. 35	1	35	1
Anthracite coal .....	.. 11	—	8	—
Lignite coal .....	..	—	—	—
Coke .....	..	—	—	—
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal. 1,055,406	412	940,854	373
Fuel oil including kerosene or coal oil .....	.. 17,544,875	2,269	16,967,013	2,129
Wood .....	cord 1,870	34	1,750	30
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal. 75,906	28	79,644	25
(b) Other manufactured gas .....	M cu. ft. —	—	—	—
(c) Natural gas .....	.. 57,013	40	76,757	56
Other fuel .....	... ..	13	...	2
Electricity purchased .....	kwh. 61,634,684	1,184	69,687,973	1,290
Steam purchased .....	...	11	...	11
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity .....	...	28	...	40
3. All establishments:				
<b>Total fuel and electricity used</b> .....	...	<b>4,128</b>	...	<b>4,002</b>

<sup>1</sup> The difference between figures in this table and those in Table 7 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 7. See also "Concepts and Definitions" for explanation of other variances.

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

Description	1963		1964	
	Quantity	Cost	Quantity	Cost
		\$'000		\$'000
1. Materials purchased:				
Fresh fish and shellfish .....	cwt. 17,186,513	97,149	18,478,271	115,810
Semi-processed fish and fish products .....	" 861,060	11,940	647,674	10,417
Fish livers, fish offal, refuse, etc. ....	... 755		... 880	
Fish oil for refining .....	gal. 731,847	398	379,951	287
Soybean oil .....	" 310,028	332	252,815	289
Other edible vegetable oils .....	" 155,608	279	151,343	295
Bread and butter .....	... 341		... 339	
Vinegar .....	gal. 202,339	75	106,288	42
Salt .....	cwt. 325,181	392	364,631	440
Anti-oxidants .....	lb. 59,602	28	50,467	24
Chlorine .....	" 171,055	25	157,671	21
Fruits, vegetables, meat and poultry .....	... 484		... 582	
Sawdust and other material for smoking fish .....	... 19		... 38	
All other materials and components purchased <sup>1</sup> .....	... 5,706		... 5,839	
2. Containers and other packaging materials and supplies purchased .....	... 13,676		... 14,042	
3. Operating, maintenance and repair supplies purchased (excluding fuel) .....	... 4,945		... 5,357	
4. Amount paid out to others for work done on materials owned by establishments .....	... 3,028		... 2,896	
<b>Totals</b> .....	... 139,573		... 157,599	

<sup>1</sup> No detailed information on materials purchased was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$1,245,731 in 1963 and \$1,019,994 in 1964.

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

Description	Value	
	1963	1964
	\$'000	
1. Products:		
Fishery products .....	210,967	239,225
All other products .....	3,405	4,527
2. Amount received in payment for work done on materials and products owned by others .....	1,557	2,085
Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....	(2,011)	(1,353)
Net adjustment for establishments receiving progress payments .....	-	-
<b>Total adjusted value of shipments and work done</b> .....	<b>213,918</b>	<b>244,484</b>



# List of Establishments classified to This Industry, 1964

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

Name	Location
<b>Newfoundland:</b>	
Arctic Fishery Products Ltd.	South Dildo, St. John's
Bay Bulls Sea Products Ltd.	Bay Bulls
Bay Roberts Fisheries Ltd.	Bay Roberts, Harbour Buffett, Twillingate
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.	Southside Rd., St. John's
British Columbia Packers Ltd.	Harbour Breton
Burgeo Fish Ind. Ltd.	Burgeo
Clyde, H.B. Lake Ltd.	St. John's (Englee)
Earle Enterprises Ltd.	Carbonear
Fishery Products Ltd.	Burin, Catalina, Greenspond, Isle-Aux-Morts, Seldom, Trepassey
Flat Rock Fisheries Ltd.	St. John's
Green, E.J. & Co. Ltd.	Thoroughfare
Gulf Fisheries Ltd.	Bay of Islands
Gaultois Fisheries Ltd.	Gaultois
Harbour Le-Cou Fisheries Ltd.	Harbour Le-Cou
Hardy, T.J. Co. Ltd.	Diamond Cove, Port-aux-Basques & Rose-Blanche
Hiscock, J.W. Sons Ltd.	Brigus
Janes, P. & Sons Ltd.	Hant's Harbour
Job Bros. & Co. Ltd.	St. John's, (2 plants) - Lascie
Leonard Brothers Ltd.	Rose-Blanche
Miffin Fisheries Ltd.	St. John's (Catalina)
Nfld. Quick Freeze Ltd.	Witless Bay
Norris Point Fisheries Society	Norris Point
North Eastern Fish Ind. Ltd.	Harbour Grace, Fermeuse
Ocean Kist Products	Coley's Point
Penney, John & Sons Ltd.	Ramea
Port au Port Association of Fishermen	West Bay
Roberts, Daniel G.	Deep Bay
Scotia Flat Salvage Co. Ltd.	Witless Bay
Steers Exports Limited	St. John's
Tor's Cove Trading Co. Ltd.	Salvage B. Bay
<b>Prince Edward Island:</b>	
Acadian Fish Co-op. Assoc. Ltd.	Wellington, (Abrams 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 Ltd.	Gaspereaux
Island Packers Ltd.	Queen's Wharf, Summerside
Johnston & Carpenter	Montague
Keeping & McKay Ltd.	Murray Hbr., (Beach Point)
Landry, Napoleon P.	Georgetown
Morell Packing Co. Ltd.	Morell
North Rustico Fishermen's Co-op. Assoc. Ltd.	North Rustico
North Shore Packing Co. Ltd.	Malpeque
Ramsay, Merritt	Campbellton
Tignish Fisheries Co-op. Assoc. Ltd.	Tignish
Usen Fisheries Ltd.	Souris
<b>Nova Scotia:</b>	
Abriel Fisheries	Tangier, Halifax Co.
Acadia Fisheries Ltd.	Mulgrave, Guysborough Co.; Canso, Guysborough Co.
Althouse, D.C.	Tiverton, Digby Co.
Atlantic Cannery	Fairview, Halifax Co.
Bailey, Albert G.	Westport, Digby Co.
Belliveau Fisheries Ltd.	Belliveau Cove, Digby Co.
Bickerton Co-operative Ltd.	Bickerton West, Guysborough Co.
Bickerton Fisheries Ltd.	Bickerton West, Guysborough Co.
Blades, Alva V.	West Head, 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.
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, L.H. & Sons Ltd.	Meteghan, Digby Co.
Comeau & Bourque	Comeauville, Digby Co.
Comeau & Saulnier	Comeauville, Digby Co.
Comeau's Sea Foods Ltd.	Saulnierville, Digby Co.
Connors Bros. Ltd.	Freeport, Digby Co.
Denton, C.A. Ltd.	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, C.L. & Son.	Salmon River, Digby Co.



List of Establishments classified to This Industry, 1964 - Continued

Name	Location
<b>Nova Scotia - Concluded:</b>	
Doucet, George	Weymouth, Digby Co.
Doucette, Félix	R.R. #1 Weymouth, Digby Co.
Doyle, John A. & Sons Ltd.	Merigomish, Pictou Co.
Eastern Co-op. Fisheries Ltd.	Canso, Guysborough Co.
Elliott, Gorham & Co. Ltd.	Tiverton, Digby Co.
Fish Reduction Ltd.	Woods Harbour, Shelburne Co.
Frankland Canning Co. Ltd.	Church Pt., Digby Co.
Gates, Granville R. & Son Ltd.	Blanford, Lunenburg Co.
Glace Bay Fish Meal Co.	Glace Bay, Cape Breton Co.
Goldman, D. & Sons Ltd.	Glace Bay, Cape Breton Co.
Grand Etang Fish, Co-op. Soc. Ltd.	Grand Etang, Inverness Co.
Graves, Walter A.	Morden, King's Co.
Halifax Fisheries Ltd.	2031 Upper Water St., Halifax, Halifax Co.
Harnish, R.S. Fisheries Co. Ltd.	Hubbards, Halifax Co.
Harris & Theriault Ltd.	East Ferry, Digby Co.
Haven Sea-Foods Ltd.	Middle West Pubnico, Yarmouth Co.
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. Ltd.	Petit de Grail, Richmond Co.
Karlson, Karl & Co. Ltd.	Halifax, Halifax Co.
Kenney & Ross Ltd.	Clarke's Harbour, (Port Saxon), Shelburne Co.
Kenney, D.B. Jr.	Westport, Digby Co.
Koritem, Wilfred Ltd.	Yarmouth, Yarmouth Co.
La Have Outfitting Co. Ltd.	La Have, Lunenburg Co.
Landers, Geo. P. & Sons	Short Beach, Yarmouth Co.
Leblanc, Alfred C. Ltd.	Wedgeport, Yarmouth Co.
Leblanc Aurèle	Five Islands, Culchester Co.
Lewis Fisheries	Digby, Digby Co.
Lunenburg Sea Products Ltd.	Lunenburg, Lunenburg Co.
McClafferty & Sons Ltd.	Whale Cove, Digby Co.
Maritime Packers (Canada) Ltd.	Pictou, Caribou Hbr., Pictou Co.
National Sea Products Ltd.	North Sidney (Leonard Bros. Div.); Lockeport (The Lockeport Co. Div.); Louis- burg (Louisburg Div.); Halifax (40-Fathom Div.); Digby (Sea-Seald Div.); Halifax (Sea-Seald Div.)
Newell Bros.	Newellton, Shelburne Co.
Newell, Thomas G.	West Head, Shelburne Co.
Nickerson Bros. Ltd.	Liverpool, (P. Mouton), Queens Co.
Nickerson Ltd., Clarendon S.	Clarke's Harbour, Shelburne Co.
Nickerson & Sons Ltd., H.B.	North Sidney, Glace Bay, Cape Breton Co.
Olsson, A.J. Trading Co. Inc.	Upper Pt. Latour, Shelburne Co., Sheet Harbour
Parker, Fred	Halls Hbr., Kings Co.
Pierce Fisheries Ltd.	Lockeport, Shelburne Co.
Pubnico Co-op. Assoc. Ltd.	Middle East Pubnico, Yarmouth Co.
Quinlan, Dayson J.	Stoney Island, Shelburne Co.
Quinlan, E.K.	Clark's Harbour, Shelburne Co.
Quinlan, Lionel L.	McGrays P.O., Shelburne Co.
Raymond, Keith Ltd.	Centreville, Digby Co.
Robicheau, R.E. Ltd.	Westport, Digby Co.
Ritcey Bros. (Fisheries) Ltd.	Riverport, Lunenburg Co.
Sable Fish Packers Ltd.	South Side, Shelburne Co.
Sandy Cove Fisheries Co. Ltd.	Mink Cove, Digby Co.
Shand, William	Bear Point, R.R.1. Shag Harbour
Shaw & Gidney Ltd.	Centreville, Digby Co.
Shelburne Fisheries Ltd.	Shelburne, Shelburne Co.
Silver Seas Fisheries	Sambro, Halifax Co.
Simpson, Royal R.	River View, Cumberland Co.
Small Bros. Ltd.	Tiverton, Digby Co.
Smith, A.M. & Co. Ltd.	189 Lower Water St., Halifax
Snow Bros. Reg'd.	Digby, Digby Co.
Stoddard Fisheries Ltd.	Clark's Harbour, Shelburne Co.
Stoddard, James	East Baccaro, Shelburne Co.
Stoney Island Fisheries	Stoney Island, Shelburne Co.
Sweeney, Lawrence, Fisheries Ltd.	Yarmouth, Yarmouth Co.
Swin Bros. Ltd.	Lockeport, Shelburne Co.
Theriault, N.B. Ltd.	East Ferry, Digby Co.
Thomas, Ivan E.	Port Maitland, Yarmouth Co.
Thorburn Bros.	Sandy Point, Shelburne Co.
Tiverton Sea Products Ltd.	Tiverton, Digby Co.
Turner, Gerald L.	Moser's River, Halifax Co.
Waybret, Howard	Shag Hbr., Shelburne Co.
Whitmoyer Laboratories Ltd.	North Sydney, Cape Breton Co.
Vita Food Products Inc.	Carleton Village & Ingomar, (Allendale)
Zwicker & Co. Ltd.	Lunenburg, Lunenburg Co.
<b>New Brunswick:</b>	
Albert & Foulon Ltée	St-Simon, Gloucester Co.
L'Assoc. Co-op. des Pêcheurs de l'Île Ltée.	Lamèque, Gloucester Co.
Blue Cove Packing Co.	R.R. #1 Grande Anse, Gloucester Co.
Boudreau, Achille	R.R. #1, Cap-Pelé
Boudreau, Alvin	Cape Pelé, R.R. #1, Westmorland Co.
Bourque, Emile Ltd.	Lower Cape Bald
Brine, Norman G.	Cape Bald, Westmorland Co.
Brown, Maurice & Son	Seal Cove, Charlotte Co.
Burton Small Fisheries	Woodward's Cove, Grand Manan
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, Lewis & Sons Ltd.	Back Bay, Charlotte Co.
Cook, J. Lorne	Seal Cove, Charlotte Co.
Co-operative Cartier Ltée, La	Richibucto, Kent Co.
Cormier & Leblanc Ltd.	Lower Cape Bald, Westmorland Co.
Cormier, Bazil	Lower Cape Bald, Westmorland Co.

List of Establishments classified to This Industry, 1964 - Continued

Name	Location
<b>New Brunswick - Concluded:</b>	
Cormier, Camille V.	Bas Cap-Pelé, Westmorland Co.
Cormier, Robert	R.R. #2, Cap-Pelé
Cormier, Tilmon D.	Lower Cape Bald, Westmorland Co.
Crocker, T.W. Co. Ltd.	Newcastle, Northumberland Co.
Daggett & O'Neill	Seal Cove, Charlotte Co.
Duguay, Arthur	Lower Cape Bald, Westmorland Co.
Duguay, Alban	Lower Cape Bald, Westmorland Co.
Duguay, Leo	Leger Brook, Westmorland Co.
Duguay, Omer	R.R. #2, Cap-Pelé
Eagle Fisheries Ltd.	Loggieville, (Shippigan), Northumberland Co.
Gagnon, Edmond Ltd.	Robichaud, Westmorland Co.
Gaudet, Ferdinand P.	Lower Cape Bald, Westmorland Co.
Goff Forest & Sea Product Ltd., La	Richibucto, Kent Co.
Gorton-Pew Ltd.	Caraget, Gloucester Co.
Grande Anse Packers Ltd.	Grande Anse, Gloucester Co.
Harvey & Bleumortier	Seal Cove, Charlotte Co.
Hooper, William H.	Back Bay
Jacob, Laurent	R.R. 1, Cap-Pelé
Jacob, Leo	R.R. #1, Cape Bald
King, Clovis & Son Ltd.	Richibucto, Kent Co.
Landry & Landry Ltd.	Dupuis Corner, Westmorland Co.
Landry, Adelard	Little Cape, Westmorland Co.
Landry, Aldoria & Larry	Bas Cap-Pelé, Westmorland Co.
Lanteigne, Ernest G.	M Caraget, Gloucester Co.
Lanteigne, Léo J.	Le Bouthillier, Gloucester Co.
Leblanc, Léo	Little Cape, Westmorland Co.
Léger, Jacob	Petit Cap, Westmorland Co.
Linton, Roy A.	Grand Harbour, Charlotte Co.
Loggie, W.S. Co. Ltd.	Tracadie Beach, Gloucester Co.
Lomax, Austin	Little Lepreau
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. Ltd.	Shediac, (C Bimel), Westmorland Co.
Pêcheries de Caraget Ltée, Les	Lower Caraget
Quoddy Seafoods Ltd.	Blacks Harbour, Charlotte Co.
Reidpath Co. Ltd., The	Richibucto, Kent Co.
Richard, B.A. Ltd.	Ste-Anne-de-Kent, Kent Co.
Robichaud & Co. Ltd.	Shippigan, Gloucester Co.
Robichaud, S. & Sons	Richibucto, Kent Co.
Roussel, Emile	Shippigan Gully, Gloucester Co.
Seal Cove Canning Co.	Seal Cove, Charlotte Co.
Shaw & Ellis Ltd.	Pocologan, Charlotte Co.
Spence, Geo. C. & Sons Ltd.	Green Point, Gloucester Co.
Swim Bros. Fisheries Ltd.	Shippigan, Gloucester Co.
Thériault, Ade	Baie Ste-Anne, Northumberland Co.
Vita Food Products	Little Shippegan, Gloucester Co.
Welch, H.W. Ltd.	Fairhaven, Charlotte Co.
White Knight Sea Foods Ltd.	Lower Cape Bald, Westmorland Co.
<b>Québec:</b>	
Ailard, Roland	Carleton-dur-Mer, Bonaventure Co.
Arsenault, Fabien	Pointe Basse, Magdalen Islands
Association Co-op. des Pêcheurs	Blanc Sablon, Cte, Duplessis; Sept Îles, Duplessis Co.
Association Co-opérative des Pêcheurs	Etang-du-Nord, Magdalen Islands, Hâve-aux-Maisons, Magdalen Islands.
Blue Water Seafoods Ltd.	9015 Park Ave., Montréal
Coast Produce Inc.	Riv. au Tonnerre Cte Duplessis
Co-opérative Centrale	Cap-aux-Meules, Etang du Nord, Hâve-aux-Maisons, 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
Fruits de la Mer Gaspiens Inc., Les	Grande Rivière, Gaspé Sud.
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
Hayes, Leonard	Port Daniel-ouest, Cte Bonaventure
Landry, Fred	Etang du Nord, Magdalen Island
Lelièvre, Gustave	Petite Rivière-Est, Gaspé Co.
Lelièvre, Amédée	Grande Rivière, Gaspé Co.
Lockhart Journeaux, J.W.	Newport, Gaspé Co.
Magdalen Processing & Equipment Corp. Ltd.	Cap-aux-Meules
Malbay Fish Co. Reg'd.	Mal Bay
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-Grifon, Gaspé Co.; Cap-des-Rosiers, Gaspé Co.; Cloridorme, Gaspé Co.
	Grand Vallée, Gaspé Co.; Newport, Gaspé Co.; Rivière-au-Renard, Gaspé Co.
	St-Maurice de l'Echourie, Gaspé Co.; Ste-Thérèse, Gaspé Co.; Sandy Beach, Gaspé Co.; Matane, Matane Co.
	Aurigny, Magdalen Islands
	L'Anse-à-Bœufs, Gaspé Co. Bonaventure Co.
	St-Omer, Bonaventure Co.
	Rimouski
	La Tabatière
	17, rue St-Jacques, Québec
	Port Daniel-est, Cte Bonaventure
	Grindstone, Magdalen Islands



List of Establishments classified to This Industry, 1964 - Concluded

Name	Location
<b>Ontario:</b>	
Armstrong Fisheries Ltd.	Box 42, Fort William
B.E.S. Food Mfg. Co. Ltd.	50 Newcastle St., Toronto
Caraquet Packers Ltd.	191 E. Moira St., Belleville
Central Smoked Fish Ltd.	63 Mulock Ave., Toronto 9
Erleau Fish Processing	Erleau
Exclusive Delicatessen Co.	10 Widmer St., Toronto
Fresh Water Fisheries (Windsor) Ltd.	3478 Tecumseh Rd., Windsor
Golden Crown Foods Ltd.	382 Bering Ave., Toronto 18
Harbord Fish Co. Ltd.	488 Dupont St., Toronto
Ogino Food Processing	125 River St., Toronto
Omstead Fisheries (1961) Ltd.	Erie St. South, Wheatley
North Shore Packing Co. Ltd.	Harbour St., Port Dover
Riverside Fisheries Ltd.	436 University E., Windsor
Stewart Fisheries	Kingsville
<b>Manitoba:</b>	
Bodner Fish Distributors Ltd.	Higgins & Meade Sts., Winnipeg 2
Booth Fisheries Canadian Co. Ltd.	Selkirk
British Columbia Packers Ltd.	463 Furby St., Winnipeg
Fish Services (1963) Ltd.	422 Jarvis Ave., Winnipeg 4
Independent Fish Co. Ltd.	941 Sherbrook St., Winnipeg
Keystone Fisheries Ltd.	16 Martha St., Winnipeg 2
Neptunes Fisheries	472 Dufferin Ave., Winnipeg 4
Northland Fish Ltd.	286 Gunnell St., Winnipeg
Selkirk Fisheries Ltd.	371 Logan Ave., Winnipeg
Winnipegosis Co-Op. Fisheries Ltd.	Duck Bay
<b>Saskatchewan:</b>	
Continental Brine Shrimp Holding Ltd.	Watrous
McInnes Products Corp. Ltd.	Crackingstone Point
<b>Alberta:</b>	
Fort Nelson Fish Co. Ltd.	10580-102nd St., Edmonton
<b>British Columbia:</b>	
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.	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)
Lindberg Curing & Smoking Ltd.	370 East Esplanade, North Vancouver
Long Beach Shellfish Co. Ltd.	Tofino
Miller, Francis & Co. Ltd.	4160 Woodland, West Vancouver
National Fisheries Ltd.	Ft. Campbell Ave., Vancouver 4
Nelson Bros. Fisheries Ltd.	Port Edward, Steveston
Noda Fish Co. Ltd.	Ft. Campbell Ave., Vancouver
North American Fisheries Ltd.	N. Foot of Carrall St., Vancouver
North Coast Fisheries	2199 Commissioner St., Vancouver 6
North Vancouver Fish Supply Ltd.	2817 Dollarton Hwy., North Vancouver
Oakland Industries Ltd.	Victoria Box 884
Ocean Fisheries Ltd.	Ft. Campbell Ave., Vancouver 4
Pacific Fisheries Co. Ltd.	Prince Rupert
Pedersen's Smoke House	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)
Saimoto, K. & Sons Ltd.	Vancouver
Salmonroe Products Ltd.	1282 Franklin St., Vancouver 6
Sanitary Abalone Packers	Box 228, Alert Bay
Seafood Products Ltd.	2727 Commissioner St., Vancouver 6
Stonehouse, C.A. Fish Curer	141 Hawks Ave., Vancouver 4
Todd, J.H. & Sons Ltd.	1104 Hornby St., Vancouver 1
Torraville, C. Ltd.	400 Yates St., Victoria
Western Canada Whaling Co. Ltd.	Coal Harbour
Western Chemical Industries Ltd.	Lapointe Pier, Vancouver
White Rock Shell Fish Co.	Foot Campbell Ave., Vancouver

# CONCEPTS AND DEFINITIONS

## Census of Manufactures

### General

The Census of Manufactures is an annual mail survey covering Canada's Manufacturing Industries. It is based on the Standard Classification of Industries and full details concerning the system may be found in the Standard Industrial Classification manual, Catalogue No. 12-501 which is available from the Queen's Printer or the Dominion Bureau of Statistics. In summary, the Classification as it relates to the manufacturing industries provides for a breakdown into 140 industries arranged in 20 major industry groups. Of the 140 (3 digit) industries, 18 are further broken down into 56 (4 digit) sub classes. At the Canada level, principal statistics are collected and compiled for 176 separate industries. They cannot all be published separately by province, however, because of the confidential nature of the data in certain provinces.

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

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

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

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

### Establishment

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

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

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

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



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

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

#### **Head Offices and Auxiliary Units**

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

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

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

(b) In the case of multi-establishment firms, the statistics for such offices and units are coded to the same industry as the establishments of the firm, when all establishments are in the same industry (3 or 4 digit). When establishments of

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

#### **Employees**

##### **(a) Production and related workers – Manufacturing activities**

In addition to those engaged in production and assembling activities, they include those employed in storing, inspecting, handling, packing, warehousing, etc. They also include employees engaged in maintenance, repair, janitorial and watchman services and line supervisors (working foremen) engaged in similar work to that of the employees they supervise. For those establishments reporting on the "long" form, production and related workers engaged in manufacturing activity are reported as those receiving pay during the last pay period of each month, an average for the year being obtained by summing the monthly figures and dividing by 12. This procedure is followed even though the establishment did not operate in all months in order to arrive at equivalent annual full-time employment. The numbers are somewhat affected by turnover, in that employment is overstated when an employee changes employment during a pay period. In the case of those establishments reporting on the "short" form, respondents are requested to report average annual figures. The man-hours of production and related workers in manufacturing activity represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). Data on man-hours are not collected from establishments reporting on the short form. Man-hours for these establishments are estimated on the basis of ratios derived from the 1958 census. During this census all establishments reported on the long form. In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

##### **(b) Production and related workers – Non-manufacturing activities**

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

#### **(c) Administrative and office employees**

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

#### **(d) Sales and distribution workers**

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

#### **(e) Total Employees**

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

#### **Working Owners or Partners**

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

#### **Salaries and Wages**

Salaries and wages refer to gross earnings of employees before deductions for income tax and employees contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages,

bonuses, profits shared with employees, the value of room and board where provided, commissions (paid to regular employees only) as well as any other allowance forming part of the worker's earnings. Payments for over-time are included. Figures on salaries and wages refer to the calendar year.

#### **Fuel and Electricity**

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

#### **Materials and Supplies**

##### **(a) Manufacturing activities**

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

##### **(b) Non-manufacturing activities**

###### **1. Purchases for re-sale as such**

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

###### **2. Other materials and supplies used**

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



purchased machinery and equipment. Also included is the cost of office supplies not chargeable to fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment-operated cafeterias and lunch counters, first aid and medical supplies, laboratory supplies, etc.

## **Shipments**

### **(a) General**

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

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

### **(b) Shipments of goods of own manufacture**

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

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

Shipments of goods of own manufacture of establishments which are coded to some other division of the Standard Industrial Classification (on the basis of principal activity) but which are engaged in manufacturing as a subsidiary activity

are collected by means of the Commodity questionnaire referred to earlier. Such shipments together with shipments of goods of own manufacture of establishments forming the universe of manufacturing industries are compiled and recorded in the various industry publications.

### **(c) Shipments of goods not of own manufacture**

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

### **(d) Other revenue**

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

## **Inventories**

### **(a) Manufacturing activities**

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



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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 manufacturing materials, supplies, etc. and fuel and electricity consumed from the (value of shipments of goods of own manufacture adjusted for changes in the value of inventories of finished goods and goods in process).

**(b) By non-manufacturing activities**

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

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

**(c) By Total activities**

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