

MONTHLY REVIEW  
OF  
**CANADIAN FISHERIES STATISTICS**  
DECEMBER 1948

(Prepared in Collaboration with Dominion and Provincial Fisheries Departments)

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PRODUCTION IN 1948

The following are the highlights of the 1948 picture, as indicated by statistics available up to the present.

The catch in all the sea fisheries totalled 1,276.3 million pounds, an increase of 134.0 million pounds, or about 11 per cent, as compared with 1947. This catch as landed was valued at \$59.9 million, \$14.6 million or 32 per cent above the 1947 figure.

Increases in volume of landings were registered for both Atlantic and Pacific groundfish, particularly haddock (20.0 million pounds), and including flatfish other than halibut. The most important increase, however, took place in the Pacific herring fishery, both in the closing months of the 1947-1948 season and in the early part of the 1948-1949 season -- totalling 130.3 million pounds more than in the preceding calendar year.

On the other hand these increases were partly offset by a drop in the Atlantic herring and Pacific salmon fisheries.

Despite decreased landings the 1948 Pacific salmon 'crop' was \$7.6 million greater in value than that of 1947 -- thus accounting for over half the increase in value of all landings. Important price increases occurred in the Atlantic groundfish and sardine herring fisheries.

Turning to processing operations, production of fresh chilled and frozen fillets of cod, haddock, flatfish, etc., increased relatively as well as absolutely as compared with the previous year. On the Atlantic coast reports indicate larger quantities of salted groundfish were produced, especially in the wet-salted form. There was, however, a general decrease in canned fish production on the Atlantic coast in 1948, affecting all important species except lobster.

On the Pacific coast the most significant development was the diversion of the herring catch from canning to the production of meal and oil with the beginning of the 1948-1949 season. The Pacific canned salmon pack, although substantially below the 1947 figure, represented a somewhat larger proportion of the catch.

These points have been covered in greater detail in earlier issues of this Review.

More current data on production in the inland fisheries have become available during the past year, but are not yet sufficiently complete to permit comparison with previous years.

Statistics of exports and imports in 1948 are available only up to the end of November and October, respectively. Consideration of these, therefore, is reserved for a future issue.

The year-end stocks situation, however, merits a few remarks. Holdings of fresh and smoked fish in cold storage, at 37.1 million pounds, were 3.9 million pounds less than at the end of 1947. Among the important individual items, salmon and halibut showed substantial decreases while cod, pickerel and kippered herring showed slight increases. Stocks of wet-salted groundfish appear to be somewhat higher than a year ago, but stocks of dried-salted and boneless salted groundfish, and of most pickled fish products are down.

SEA FISHERIES

December 1948

Table 1. - Quantity Landed

('000 lb.)

Fish	December 1948					Totals December		Totals to Date	
	P.E.I.	N.S.	N.B.	QUE.	B.C.	1948	1947	1948	1947
Cod .....	143	7,622	61	188	79	8,093	8,570	248,129	233,611
Haddock .....	-	3,013	157	-	-	3,170	3,319	51,539	31,558
Pollock .....	-	68	17	-	-	85	350	21,336	20,860
Hake .....	12	1,274	16	-	-	1,302	1,092	26,982	22,427
Lingcod .....	-	-	-	-	85	85	124	4,709	3,875
Sable-fish(Black Cod) .	-	-	-	-	20	20	1	1,982	1,309
Rock-fish(Red Cod, etc.) .	-	-	-	-	46	46	30	753	765
Other Groundfish.	-	91	-	-	-	91	128	4,281	1,937
Halibut .....	-	18	-	-	28	46	48	21,186	26,037
Other Flatfish ..	2	457	6	5	216	686	710	18,550	11,376
Herring, Pacific.	-	-	-	-	65,184	65,184	30,465	386,614	256,340
Herring, Atlantic	-	-	419	24	-	443	106	127,941	137,780
Sardines .....	-	-	2,239	-	-	2,239	2,921	89,780	101,586
Mackerel .....	-	270	-	-	-	270	208	25,382	26,263
Swordfish .....	-	-	-	-	-	-	-	2,288	1,792
O. Pelagic Fish .	-	-	-	-	-	-	1	3,233	6,934
Salmon .....	-	-	-	-	3	3	28	143,224	164,847
Smelts .....	289	141	934	64	-	1,428	1,293	7,640	5,396
O. Estuarial Fish	30	30	449	-	15	524	384	20,200	15,412
Lobsters .....	-	3,896	292	-	-	4,188	3,155	36,265	31,884
Other shellfish .	308	140	468	-	535	1,451	2,131	34,264	40,249
TOTALS .....	784	17,020	5,058	281	66,211	89,354	55,064	1,276,278	1,142,238

Table 2. - Landed Value

December 1948

(\$'000)

Fish	December 1948					Totals December		Totals to Date	
	P.E.I.	N.S.	N.B.	QUE.	B.C.	1948	1947	1948	1947
Cod.....	4	284	3	8	3	302	283	7,999	6,484
Haddock .....	-	147	13	-	-	160	151	2,343	1,369
Pollock .....	-	1	1	-	-	2	5	387	374
Hake .....	-	20	1	-	-	21	18	493	427
Lingcod .....	-	-	-	-	8	8	11	378	271
Sablefish (Black Cod)	-	-	-	-	3	3	-	224	110
Rockfish (Red Cod, etc.) ....	-	-	-	-	2	2	1	29	23
Other Groundfish ...	-	2	-	-	-	2	4	83	35
Halibut .....	-	4	-	-	6	10	10	3,300	4,280
Other Flatfish .....	-	13	-	-	13	26	24	768	437
Herring, Pacific ...	-	-	-	-	794	794	332	4,321	2,462
Herring, Atlantic ..	-	-	7	-	-	7	2	1,290	1,482
Sardines .....	-	-	56	-	-	56	90	2,217	1,551
Mackerel .....	-	16	-	-	-	16	17	977	833
Swordfish .....	-	-	-	-	-	-	-	835	702
O. Pelagic Fish ....	-	-	-	-	-	-	-	671	240
Salmon .....	-	-	-	-	1	1	5	20,739	13,145
Smelts .....	20	18	128	17	-	183	232	1,228	856
O. Estuarial Fish ..	-	5	9	-	1	15	10	276	266
Lobsters .....	-	1,395	110	-	-	1,505	1,091	9,735	8,275
Other Shellfish ....	13	18	13	-	50	94	123	1,651	1,638
TOTALS .....	37	1,923	341	25	881	3,207	2,414	59,944	45,261

## SEA FISHERIES

December 1948

Table 3. - Disposition of Catch

As indicated by Fish buyers and processors  
(in percentages of Quantity landed)

	Totals to Date				Totals to Date		
	1948	1947	1935-39 Average		1948	1947	1935-39 Average
<u>COD</u> ATL				<u>HAKE</u> ATL			
Fresh, dressed ...	4.3	8.7(		Fresh, dressed ...	3.5	12.7(	
Frozen, " ...	2.1	0.9(	11.6	Frozen, " ...	0.1	- (	27.9
Fresh, filleted ..	12.0	9.4(		Fresh, filleted ..	4.3	2.4(	
Frozen, " ..	20.8	15.0(	12.6	Frozen, " ..	1.3	1.7(	3.2
Smoked, dressed ..	0.1	-	0.1	Smoked, dressed ..	0.2	-	0.3
" filleted ..	7.6	8.6	7.8	" filleted ..	3.7	4.5	4.3
Salted, green ....	27.9	15.8	25.5	Salted, green ....	40.5	18.0	38.0
" dried ....	20.3	29.6	39.0	" dried ....	15.5	19.2	14.7
" boneless ..	2.7	6.3	2.8	" boneless ..	0.5	1.4	0.1
Canned ..... .	2.2	5.7	0.6	Canned ..... .	30.4	40.1	11.5
<u>COD</u> PAC				<u>LINGCOD</u> PAC			
Fresh, dressed ...	15.2	48.9(		Fresh, dressed ...	48.3	72.7(	
Frozen, " ...	7.3	4.4(	99.1	Frozen, " ...	18.0	9.9(	100.0
Fresh, filleted ..	32.5	19.1(		Fresh, filleted ..	25.7	7.7(	
Frozen, " ..	30.1	10.0(	0.9	Frozen, " ..	7.9	9.7(	-
Smoked, dressed ..	4.9	7.0	-	Smoked, dressed ..	0.1	-	-
" filleted ..	10.0	10.6	-				
<u>HADDOCK</u> ATL				<u>SABLEFISH</u>			
Fresh, dressed ...	13.3	27.4(		<u>(BLACK COD)</u> PAC			
Frozen, " ...	1.7	3.2(	37.6	Fresh, dressed ...	0.6	3.3(	
Fresh, filleted ..	37.9	30.9(		Frozen, " ...	98.3	81.8(	100.0
Frozen, " ..	38.0	27.8(	42.2	Smoked, dressed ..	5.8	12.4	-
Smoked, dressed ..	2.9	5.6	13.0	" filleted ..	0.3	2.5	-
" filleted ..	1.5	1.1	1.7				
Salted, green ....	1.7	1.0	-	<u>ROCKFISH</u>			
" dried ....	0.8	0.8	-	<u>(RED COD, ETC.)</u> PAC			
" boneless ..	0.1	-	-	Fresh, dressed ...	23.0	59.3(	
Canned ..... .	2.1	2.2	5.5	Frozen, " ...	21.6	8.0(	100.0
<u>POLLOCK</u> ATL				Fresh, filleted ..	34.8	18.5(	-
Fresh, dressed ...	2.9	10.7(		Frozen, " ..	16.3	13.5(	-
Frozen, " ...	5.0	2.0(	19.2	Smoked, dressed ..	4.3	0.7	-
Fresh, filleted ..	0.6	0.3(		<u>OTHER GROUND</u>			
Frozen, " ..	3.4	2.0(	0.2	<u>FISH</u> ATL			
Smoked, filleted ..	0.7	-	-	Fresh, dressed ...	2.6	16.5(	
Salted, green ....	62.8	39.8	46.2	Frozen, " ...	1.2	1.3(	96.4
" dried ....	22.0	39.3	34.4	Fresh, filleted ..	11.7	13.6(	
" boneless ..	0.7	2.4	-	Frozen, " ..	56.9	34.4(	3.6
Canned ..... .	1.9	3.5	-				

Table 3. - Disposition of Catch (Cont'd)

December 1948

As indicated by fish buyers and processors  
(in percentages of quantity landed)

	Totals to Date				Totals to Date		
	1948	1947	1935-39 Average		1948	1947	1935-39 Average
<b>OTHER GROUND</b>							
<b>FISH - Cont'd.</b> ATL							
Smoked, dressed ..	0.8	-	-	HERRING ATL			
" filleted ..	1.6	3.4	-	Fresh, round .....	18.7	12.3(	12.6
Salted, green ....	24.4	23.1	-	Frozen, " .....	6.9	2.1(	
" dried ....	0.3	6.7	-	Kippered .....	1.6	1.9	0.4
" boneless ..	-	1.0	-	Vin. cured, round.	2.9	0.8	-
Canned .....	0.5	-	-	" " filleted	6.9	1.8	-
HALIBUT ATL				Pickled .....	7.7	9.6	5.3
Fresh, dressed ...	95.8	97.2(		Salted, smoked (bloater) .....	11.0	6.2	5.7
Frozen, " ...	4.2	2.6(	100.0	Canned (Incl. snacks) .....	8.1	29.9	6.0
Canned .....	-	0.2	-	Non-food uses ....	36.2	35.4	70.0
HALIBUT PAC				HERRING PAC			
Fresh, dressed ...	27.8	37.0(		Fresh, round .....	-	0.6(	
Frozen, " ...	65.0	62.2(	100.0	Frozen, " .....	-	0.5(	2.2
Fresh, filleted ..	3.2	0.5(		Kippered .....	-	0.7	-
Frozen, " ..	4.0	0.3(	-	Pickled .....	-	0.2	-
O. FLATFISH ATL				Dry-salted .....	0.1	5.4	20.8
Fresh, dressed ...	7.7	30.1(		Canned (incl. snacks) .....	10.6	72.9	5.4
Frozen, " ...	10.9	19.8(	67.4	Non-food uses ....	89.3	19.7	71.6
Fresh, filleted ..	25.3	16.1(		SARDINES ATL			
Frozen, " ..	53.5	34.0(	52.6	Fresh and salted .	53.9	57.6	61.9
Non-food uses ....	2.6	-	-	Salted, smoked (boneless) .....	1.5	-	-
O. FLATFISH PAC				Canned .....	10.1	42.4	38.1
Fresh, dressed ...	3.7	25.4(		Non-food uses ....	4.5	-	-
Frozen, " ...	1.0	5.0(	100.0	MACKEREL ATL			
Fresh, filleted ..	17.0	14.5(		Fresh, round .....	18.0	18.1(	
Frozen, " ..	73.5	55.1(	-	Frozen, " .....	7.0	6.8(	37.2
Smoked, filleted ..	0.1	-	-	Fresh, filleted ..	0.2	0.1	-
Non-food uses ...	4.7	-	-	Pickled .....	47.3	39.0	49.8
				" , filleted .	12.2	6.4	4.8
				Canned .....	8.0	15.2	0.4
				Non-food uses ....	7.3	14.4	7.8

SEA FISHERIES

December 1948

Table 3. - Disposition of Catch (Concl'd.)

As indicated by fish buyers and processors  
(in percentages of quantity landed)

	Totals to Date			Totals to Date		
	1948	1947	1935-39 Average	1948	1947	1935-39 Average
<u>C. PELAGIC FISH ATL</u>						
Fresh, dressed ...	59.3	19.5(				
Frozen, " ...	21.4	0.4(	99.3			
Canned .....	13.5	45.7	0.7			
Non-food uses .....	5.8	34.4	-			
<u>C. PELAGIC FISH PAC</u>						
Fresh, dressed ...	11.5	3.1(				
Frozen, " ...	72.1	32.8(	100.0			
Pickled .....	1.2	-	-			
Canned .....	15.2	64.1	-			
<u>SALMON ATL</u>						
Fresh, dressed ...	71.2	81.1(				
Frozen, " ...	23.5	13.3(	98.7			
Pickled .....	0.3	0.2	-			
Canned .....	5.0	5.4	1.3			
<u>SALMON PAC</u>						
Fresh, dressed ...	9.6	18.4(				
Frozen, " ...	18.4	17.5(	14.8			
Fresh, filleted ..	0.3	- (				
Frozen, " ...	0.7	1.2(	-			
Mild-cured .....	0.6	1.1	1.3			
Dry-salted .....	-	-	6.2			
Canned .....	70.4	61.8	77.7			
<u>C. ESTUARIAL FISH ATL</u>						
Fresh, round ....	16.1	32.3(				
Frozen, " ....	24.4	26.2(	49.6			
Fresh, filleted ..	-	0.4	-			
Vinegar cured ....	1.9	1.1	-			
" "						
filleted	20.0	1.3	-			
<u>C. ESTUARIAL FISH PAC</u>						
In shell .....	65.9	83.0	36.1			
Shucked or Meat ..	11.0	4.0	2.1			
Canned .....	23.1	13.0	61.8			
<u>C. SHELLFISH ATL</u>						
In shell .....	42.1	60.8	67.0			
Shucked .....	38.3	17.4	-			
Canned .....	18.4	14.6	33.0			
Non-food uses ....	1.2	7.2	-			
<u>C. SHELLFISH PAC</u>						
In shell .....	23.2	45.4	51.7			
Frozen .....	0.6	-	-			
Shucked or Meat ..	58.5	16.0	8.7			
Canned .....	17.7	38.6	39.6			

Table 4. - SUPPLEMENTARY LANDINGS, ATLANTIC

Page 7

Twelve months ended December

December 1948

Livers	cwt.	\$	Sea Mammals etc.	No.	\$	Seaweeds	cwt.	\$
Cod	46,172	168,349	Whales			Dulse	460	6,126
Hake	1,720	6,021	Belugas	120	683	Irish Moss	43,884	53,530
Halibut	245	7,006	Hair Seals	28,539	Unknown	Kelp	19,200	6,598
Swordfish	502	13,009	Sharks cwt.	1	180	Other		
Other	7,912	49,749						

Table 5. - OUTPUT OF BY-PRODUCTS, ATLANTIC

Twelve months ended December

		Cod	Hake	Herring	Lobster	Other
Cheeks or Ear-fillets, fresh	cwt.	140				
Livers, fresh	cwt.	4,186	1,010			209
Tongues, fresh	bbl.	378				
Tongues, frozen	"	4				
Tongues, salted	"	7,940				
Tongues, canned	cs.	120				
Livers, canned	"	123				2
Roe, canned	"	58		412		1,529
Tomalley, canned	"				2,058	
Paste or Spread, canned	"				2,358	
Napes	cwt.	87				
 Liver oil						
Sun-rotted (untanked)	gals.	10,169	20			3,500
Tanked	"	7,372	452			
Steam-refined, crude	"	100,269	279	200		
De-stearinated	"	5,493				
No. 2	"	610				
 Body oil	"			1,575		3,403
Offal oil	"			31,680		10,530
Glue	"	41,753		4,510		3,744
 Sounds	cwt.	37				
Scales	"			30,486		905
Skins	"	1,329				
Bones	"	1,271				
Liver Meal	tons	251 $\frac{1}{2}$				
Offal Meal	"	6,590		1,258		243
Offal	"	7,381		383		
Fertiliser	"	1,220				
Liver Residue	"	163				

Table 5. - SUPPLEMENTARY LANDINGS, PACIFIC

December 1948

Twelve months ended December

Supplementary landings		Gray Cod	Ling-Cod	Sable-fish	Rock-fish	Halibut	Gray fish	Shark	Other	Whales
Livers	cwt.	139	1,412	714	198	3,274	34,242	365	935	No. 174
	\$	989	220,757	112,072	32,441	267,601	1,127,525	40,670	7,068	\$ Not available

  

Viscera	cwt.	-	1,224	1,070	3	3,824	-	-	232	
	\$	-	13,342	35,529	48	79,152	-	-	2,119	

Table 6. - OUTPUT OF BY-PRODUCTS, PACIFIC

Twelve months ended December

Liver and Visceral Oil		Cod Liver	Cod Viscera	Halibut Liver	Halibut Viscera	Grayfish	Shark	Other
(Million USP units)								
Potency Range:								
0 - 20,000 .....		63,241	63,493	33,353	25,529	8,264,971	19,597	16,713
20,000 - 40,000 .....		98,775	8,710	144,741	23,423	6,444	75,523	6,431
40,000 - 60,000 .....		151,916	23,229	123,437	48,278		102,822	3,035
60,000 - 80,000 .....		121,955	40,780	222,075	63,517			1,665
80,000 - 100,000 .....		238,037	46,203	141,831	75,502		42,964	
100,000 - 150,000 .....		428,805	58,402	243,500	109,504		2,155	
150,000 - 200,000 .....		217,766	31,881	250,741	129,047			
200,000 - plus .....		80,657	15,617	57,036	53,841			
Other By-Products		Salmon	Herring	Halibut	Whale	Other		
Fish paste	os.			362				
Roe	cwt.							
Livers, fresh	"							
Sperm oil	lb.						216,867	
Body or Blubber oil	lb.			24,663,479			685,600	
Offal oil	"	548,904		383,452		48,900		462,430
Body Meal	tons			x 29,713				
Offal Meal	"		594	x 1,113			110	
Bone Meal	"			3,909				313
Fertilizer	"					60		
Bait	cwt.							
Skins	No.							

x Processed mostly from whole fish although shown here under By-Products.

Table 7. - IMPORTS OF FISH PRODUCTS

Page 9

Principal Items and Countries

December 1948

Kind and Country of Origin	Ten Months ended October					
	1948 '000 lb.	1947 '000 lb.	1935-39 Average '000 lb.	1948 \$	1947 \$	1935-39 Average \$
<u>COD AND OTHER GROUNDFISH</u>						
Fresh and Frozen:						
Newfoundland .....	16,451	10,857	956	871,699	440,028	13,875
Salted, Dried:						
Newfoundland .....	106	153	1,033	11,875	17,121	39,476
Greensalted or Pickled:						
Newfoundland .....	3,875	2,720	170	293,800	184,205	4,523
<u>HALIBUT</u>						
Fresh and Frozen:						
Newfoundland .....	162	163	319	32,504	28,819	23,476
<u>HERRING</u>						
Fresh:						
Newfoundland .....	894	379	1,035	22,963	15,098	6,745
Pickled:						
Newfoundland .....	1,018	944	913	73,773	69,872	22,431
U.S.A. ....	256	392	345	29,438	48,674	19,288
U.K. ....	44	15	386	6,115	2,682	20,112
Netherlands .....	260	302	445	37,935	43,215	17,803
<u>SARDINES</u>						
Canned:						
Norway .....	810	941	1,952	549,174	518,365	263,340
Portugal .....	137	46	-	100,607	38,978	-
<u>SALMON</u>						
Fresh and Frozen:						
Newfoundland .....	1,302	1,384	1,289	454,381	465,495	152,029
Alaska .....	183	8	776	51,738	2,218	48,321
U.S.A. ....	8	14	612	2,191	4,542	38,863
<u>LOBSTERS</u>						
Fresh:						
Newfoundland .....	1,184	1,326	453	252,279	275,226	55,936
U.S.A. ....	301	6	18	153,705	2,952	2,965
<u>OTHER SHELLFISH</u>						
Shelled:						
U.S.A. ....	-	450	688	-	249,745	110,842
Canned:						
U.S.A. ....	1	206	1,062	1,358	177,104	164,927
NOT SHOWN ABOVE .....	8,195	5,854	8,110	1,630,203	1,567,204	986,505
TOTALS .....	35,187	26,160	20,562	4,575,738	4,151,543	1,996,457

Table 8. - EXPORTS OF FISH PRODUCTS

December 1948

## Principal Items and Countries

Kind and Destination	Eleven months ended November					
	Quantity		'000 lb.	Value		
	1948	1947		1948	1947	1935-39 Average
'000 lb.	'000 lb.			\$	\$	\$
<u>COD AND OTHER GROUNDFISH</u>						
Fresh and Frozen, dressed: U.S.A. ....	6,432	3,451	3,988	633,180	345,007	261,806
Fresh and Frozen, filleted: U.S.A. ....	25,602	17,242	-	5,145,670	2,924,419	-
Smoked: U.S.A. ....	2,751	2,270	1,570	618,869	492,129	174,781
Greensalted or Pickled: U.S.A. ....	7,865	4,354	11,981	745,107	353,070	315,564
Salted dried: U.S.A. ....	5,126	7,197	5,501	883,896	1,200,215	304,441
Puerto Rico ....	3,666	7,446	3,132	557,565	2,325,936	160,303
Trinidad ....	2,580	3,124	3,124	449,399	531,146	190,891
Jamaica ....	203	1,323	2,142	35,140	216,962	104,774
Other Br. Caribbean ..	3,480	3,838	1,363	560,955	613,960	69,566
Cuba ....	9,258	4,041	3,781	1,712,240	747,592	200,972
Other Caribbean and Latin American ...	5,113	4,153	1,515	918,554	768,726	67,207
Salted, boneless: U.S.A. ....	5,296	3,677	1,986	1,329,882	888,769	173,193
<u>HALIBUT</u>						
Fresh and Frozen: U.S.A. ....	13,707	13,540	4,527	3,028,698	3,117,468	232,501
<u>HERRING</u>						
Fresh and Frozen: U.S.A. ....	68,135	69,166	24,682	1,621,323	1,079,900	208,865
Smoked: U.S.A. ....	1,890	1,639	834	286,463	226,457	49,937
Puerto Rico ....	262	1,117	559	23,850	118,140	15,311
Other Caribbean ....	7,240	6,526	2,956	703,653	750,101	90,612
Pickled: U.S.A. ....	8,580	5,094	850	634,658	379,897	24,663
Jamaica ....	2,158	2,706	686	115,766	170,978	14,700
Other Caribbean ....	830	1,493	628	48,327	97,386	11,920

Table 8. - EXPORTS OF FISH PRODUCTS (Cont'd)

Page 11

Principal Items and Countries

December 1948

Kind and Destination	Eleven months ended November					
	Quantity			Value		
	1948 '000 lb.	1947 '000 lb.	1935-39 Average '000 lb.	1948 \$	1947 \$	1935-39 Average \$
<b>HERRING (Cont'd)</b>						
Canned:						
Un. S. Africa .....	1,758	7,332	919	284,320	1,152,405	70,927
G. Coast .....	618	443	-	93,836	66,757	-
Burma .....	58	1,700	-	11,235	230,421	-
India .....	7	390	-	1,191	46,523	-
Br. Malaya .....	814	2,417	-	124,363	373,824	-
Australia .....	4	2,752	843	775	411,905	62,699
N. Zealand .....	96	2,269	120	15,865	407,637	9,177
Philippines .....	3,104	11,150	-	609,956	1,548,130	-
Neth. E.I. .....	2,830	1,600	37	384,000	235,927	3,457
U.S.A. .....	1,843	1,055	3	355,260	194,098	227
<b>SARDINES</b>						
Canned:						
Un. S. Africa .....	6,475	4,743	2,476	1,191,123	976,123	216,604
Trinidad .....	1,294	928	284	248,307	179,422	22,418
Australia .....	27	1,298	1,062	12,903	303,735	90,829
N. Zealand .....	153	1,159	325	29,191	207,382	30,548
Philippines .....	300	23	-	58,955	7,950	-
U.S.A. .....	1,043	219	-	238,162	46,742	-
<b>MACKEREL</b>						
Pickled:						
U.S.A. .....	1,984	1,710	1,806	310,268	255,856	91,045
Jamaica .....	5,893	5,322	6,301	493,190	342,583	201,739
Br. Guiana .....	646	620	469	57,399	42,472	14,450
Trinidad .....	711	203	286	58,836	16,038	9,212
Other Caribbean ...	838	888	286	77,099	86,728	-
<b>SWORDFISH</b>						
U.S.A. .....	2,374	1,694	1,778	1,038,713	715,671	219,235
<b>SALMON</b>						
Fresh and Frozen:						
U.S.A. .....	20,461	20,356	6,625	5,967,888	5,106,738	569,101
Canned:						
U.K. .....	4,771	18,326	18,781	1,590,962	4,404,216	3,840,412
Un. S. Africa .....	5,068	1,444	2,679	1,905,078	405,853	213,028
Barbados .....	313	172	207	92,731	50,940	15,695
Philippines .....	1,488	257	435	429,365	68,252	29,667
Belgium .....	7,099	5,985	462	2,305,872	1,945,235	44,166

December 1948

Principal Items and Countries

Kind and Destination	Eleven months ended November					
	Quantity			Value		
	1948	1947	1935-39 Average	1948	1947	1935-39 Average
	'000 lb.	'000 lb.	'000 lb.	\$	\$	\$
<u>O. ESTUARIAL FISH</u>						
Fresh and Frozen:						
U.S.A. .......	6,018	4,786	6,546	1,611,831	1,193,999	668,580
<u>LOBSTERS</u>						
Fresh:						
U.S.A. .......	17,274	14,615	9,609	8,259,171	7,142,317	1,879,083
<u>WHITEFISH</u>						
Fresh and Frozen:						
U.S.A. .......	12,071	10,034	11,416	3,578,939	2,490,926	1,326,348
<u>CISCOES</u>						
Fresh and Frozen:						
U.S.A. .......	5,531	5,995	2,690	810,089	1,113,898	245,921
<u>TROUT</u>						
Fresh and Frozen:						
U.S.A. .......	3,621	3,832	-	1,126,076	1,045,926	-
<u>OTHER LAKE FISH</u>						
Fresh and Frozen:						
U.S.A. .......	24,795	24,388	30,358	4,885,214	4,863,989	2,189,125
Fresh and Frozen filleted:    U.S.A.	4,230	4,054	-	1,580,083	1,455,593	-
NOT SHOWN ABOVE ....	120,418	107,157	101,923	18,378,973	18,378,906	8,696,387
<b>TOTALS .....</b>	<b>446,252</b>	<b>434,613</b>	<b>284,335</b>	<b>78,220,414</b>	<b>74,863,220</b>	<b>23,432,087</b>

## COLD STORAGE HOLDINGS

Page 13

(1) Table 9. - Summary of Cold Storage Stocks of Frozen Fish at Jan. 1, 1949

With comparative holdings for last year and last month.

December 1948

Section I - SEA FISH (Frozen Fresh)		January 1, 1948 '000 lb.	January 1, 1949 Preliminary '000 lb.	December 1, 1948 Revised '000 lb.
Cod, Atlantic	Dressed	293	515	647
	Filletted	2,007	4,241	4,256
Cod, Pacific	Dressed	1,286	857	1,243
	Filletted	123	202	217
Haddock	Dressed	199	311	429
	Filletted	988	1,012	1,220
Halibut, Atlantic	Dressed	543	164	236
Pacific	Dressed	7,753	4,352	5,451
Other Flatfish	Dressed	116	77	220
	Filletted	238	1,242	1,233
Herring, Atlantic	Round	3,733	3,073	4,392
Pacific	Round	2,596	1,159	1,052
Mackerel	Round	876	529	727
Salmon, Atlantic		178	330	300
Chum	Dressed	7,471	4,420	5,946
	Filletted	351	69	75
Coho	Dressed	2,876	1,953	2,467
	Filletted	423	43	84
Pink	Dressed	325	249	360
Spring Red	Dressed	615	480	584
	Filletted	9	-	-
Spring White		177	321	389
Steelhead		44	88	116
Not Classified		2	56	58
TOTAL SALMON		12,471	8,009	10,379
Shellfish (Lobster, Clams, Oysters)		142	185	397
Other Sea Fish	Dressed and Filleted	1,211	1,687	2,554
TOTAL - SEA FISH (Frozen Fresh)		34,575	27,615	34,633

## Section II - INLAND FISH (Frozen Fresh)

Blue Pickerel	Round or Dressed	9	53	133
Cisco	Round or Dressed	210	192	34
Lake Trout	Round or Dressed	133	61	68
	Filletted	1	6	44
Perch	Round or Dressed	14	45	86
Pickerel (Yellow Pike)	Round or Dressed	29	328	586
	Filletted	326	1,045	1,169
Pike	Round or Dressed	56	74	153
Sauger	Round or Dressed	190	1,037	1,476
Suckers	Round or Dressed	12	8	21
Tullibee	Round or Dressed	594	951	1,368
Whitefish	Dressed and Filleted	500	259	444
Other	All Forms	428	681	588
TOTAL - INLAND FISH (Frozen Fresh)		2,502	4,740	6,170
TOTAL - ALL FISH (Frozen Fresh)		37,077	(2) 34,466	40,803

## Section III - SEA AND INLAND FISH (Frozen Smoked)

Cod, Atlantic	Filletted	1,187	1,253	1,483
Cod, Pacific	Dressed	29	33	30
	Filletted	49	123	90
Haddock	Dressed	402	329	398
	Filletted	128	95	109
Salmon	Filletted	332	17	42
Sea Herring	Dressed (Kippers)	1,207	494	638
Goldeye	Dressed	23	6	12
Other	Dressed	493	165	325
TOTAL - Frozen Smoked		3,850	(3) 2,592	3,125
GRAND TOTAL - ALL FORMS FRESH & SMOKED FROZEN		40,927	37,058	43,928

(1) This information is summarized from the Dominion Bureau of Statistics monthly report on the above subject, published on the 12th of each month. (2) Includes estimates of 2,111,000 lb. (3) Includes estimates of 77,000 lb.

## Table 10. - STOCKS OF SALTED FISH

December 1948

(As reported by dealers and exporters)

Kind	Quantity		
	December 31, 1947	December 31 1948	November 30, 1948
	1lb.	1lb.	1lb.
<b>WET-SALTED FISH (pickled or Kench-cured)</b>			
Cod .....	6,091,822	8,338,529	11,313,263
Pollock .....	2,046,246	1,394,124	1,448,234
Hake .....	702,601	957,288	1,009,337
Other (haddock, cusk, etc.) .....	111,612	128,295	276,821
<b>DRIED-SALTED FISH</b>			
Cod, heavy-salted (hard-dried) .....	3,734,634	959,501	2,675,786
" " " (semi-dried) .....	2,630,865	2,555,287	2,397,127
" slack-salted (hard-dried) .....	81,700	78,000	95,599
" " " (semi-dried) .....	-	70,000	55,000
" Gaspe cure (hard-dried) .....	291,600	50,600	336,400
" " " (semi-dried) .....	266,200	743,800	765,700
Pollock .....	1,852,539	1,628,801	2,072,918
Hake .....	641,183	827,372	1,123,346
Other .....	180,285	152,550	201,159
<b>BONELESS SALTED FISH (Fillets, etc.)</b>			
Cod .....	929,943	599,752	346,228
Other .....	80,935	37,110	62,800
<b>PICKLED FISH</b>			
Herring, fat .....	1,924	1,532	1,590
" bright .....	192	326	286
" " tropic" .....	18,576	6,900	7,997 $\frac{1}{2}$
" Scotch cure .....	1,938	100	70
" vinegar-cured .....	-	44	70
" " " (fillets) .....	1,000	84	267
Mackerel, spring .....	10,030 $\frac{1}{2}$	7,078	9,263 $\frac{1}{2}$
" summer .....	50	851	17
" " (fillets) .....	-	-	-
" fall .....	606	138	269
" " (fillets) .....	476	1,433	2,061
Alewifes .....	6,545	11,654	13,386
<b>"BLOATERS" (hard-cured smoked round herring)</b> .....			
	boxes	boxes	boxes
	259,300	61,787	87,899

Table 11. - Index Numbers, Wholesale Prices of Fishery Products and Relevant Series, 1935-1948

December 1948

	Fishery Products Wholesale (1935-39 = 100)	Meat and Poultry Wholesale (1935-39 = 100)	All Foods Wholesale (1935-39 = 100)	Salaries and Payrolls All Industry (June 1 '41 = 100)	Cost of Living Canada (1935-39 = 100)	Cost of Living U.S.A. (1935-39 = 100)	Cost of Living U. K. (1935=100)
1940 .....	114.0	106.0	105.0		105.6	100.2	116.5
1941 .....	127.9	125.9	119.0		111.7	105.2	128.9
1942 .....	152.8	140.8	130.5	127.5	117.0	116.5	126.6
1943 .....	176.3	139.6	136.2	143.7	118.4	123.6	125.9
1944 .....	179.3	150.6	134.9	147.1	118.9	125.5	128.6
1945 .....	179.0	152.8	137.5	142.1	119.5	128.4	128.5
1946 .....	197.4	159.3	142.7	142.6	123.6	139.2	128.8
1947 November .....	237.8	172.3	183.1	189.1	143.6	164.9	132.4
December .....	237.8	184.9	185.7	193.2	146.0	167.0	133.6
1948 January .....	243.2	214.2	195.1	178.2	148.3	168.8	133.6
February .....	243.2	214.4	195.5	185.4	150.1	167.5	136.2
March .....	243.2	218.3	195.6	188.8	150.8	166.9	136.2
April .....	241.5	224.4	198.0	184.7	151.6	169.3	138.8
May .....	231.9	236.5	199.8	187.8	153.3	170.5	138.8
June .....	229.7	156.9	205.8	195.2	154.3	171.7	141.3
July .....	232.4	260.2	205.4	203.0	156.9	173.7	138.8
August .....	258.0	269.8	206.9	206.7	157.5	174.5	138.8
September .....	258.1	274.4	206.7	208.6	158.9	174.5	138.8
October .....	259.8	263.3	206.9	214.7	159.6	173.6	138.8
November .....	259.8	263.3	206.9	216.7	159.6	172.2	

Table 12. - Prices Received by Fishermen as at December 15, 1947 and 1948  
(cents per pound as landed)

	North Sydney		Halifax		Yarmouth		Souris		Caraquet		Grand River		Vancouver		Prince Rupert	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
Cod, market .....	3½	3½	3½	4½	3½	4½	-	2½	-	-	-	4	5	5	2½	3
Haddock, large .....	4½	4	4½	5½	5½	5½	-	-	-	-	-	-	-	-	-	-
Hake .....	1	¾	1½	1½	2	2	-	2½	-	-	-	1				
Halibut -																
Medium .....	20	15	25	20	25	35	-	-	-	-	-	-	-	-	-	-
Chicken .....	16	12	20	16	23	35	-	-	-	-	-	-	-	-	-	-
Herring .....	-	-	-	1½	-	-	-	-	-	-	-	½	1½	1½	-	-
Mackerel .....	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Lobsters, market ...	-	-	35	35	35	35	-	-	-	-	-	-	-	-	-	-
Lobsters, cannery ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmon (Atl.) .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smelts .....	10	-	15	20	-	-	18	12	14	15	-	25				
Swordfish .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmon (Pac.) -																
Red Spring .....																
White Spring .....																
Coho .....																
Blueback .....																
Sockeye (Canning) ..																
Pink (canning) ....																
Chum     " .....																
Coho     " .....																

Prices shown for freezing or fresh market, unless otherwise stated.

December 1948

Table 13. - Mid Month Wholesale Prices, December 1948 (F.O.B.)

		Unit	Halifax	Montreal	Toronto	Winnipeg	Vancouver
ATLANTIC	Cod fillets, fresh .....	lb.	.218	.287	.272	.345	-
	Cod fillets, frozen wrapped .....	lb.	.209	.270	.259	.275	-
	Cod fillets, smoked .....	lb.	.243	.303	.302	.303	-
	Haddock fillets, fresh .....	lb.	.254	.337	.313	.375	-
	Herring, kippered .....	lb.	.168	.224	.236	.220	-
	Mackerel, frozen round .....	lb.	.105	.143	.157	.165	-
	Smelts, frozen, No. 1 .....	lb.	-	.347	.303	.325	-
	CANNED						
	Lobster, Fancy Grade .....	48-½'s	33.450	33.520	33.310	35.480	-
	Sardines, smoked, in vegetable oil, wrapped .....	100-3½ oz.	10.025	9.577	9.170	9.600	-
PACIFIC	Halibut, frozen, 10-60 lb. headless and dressed .....	lb.	.330	.353	.337	.320	.240
	Salmon, frozen, Red Spring over 14 lb., headless and dressed ...	lb.	-	-	-	-	.397
	Salmon, frozen Coho, headless and dressed .....	lb.	.490	.493	.492	.470	.378
	Lingcod, fresh .....	lb.	-	-	-	-	.126
	CANNED						
	Salmon, Sockeye (certified)						
	Grade A .....	48-½'s	-	18.450	18.084	18.620	-
	Salmon, Coho (Certified) Grade A.	48-½'s	14.938	15.968	15.340	15.160	-
INLAND	Whitefish, fresh .....	lb.	-	-	.362	.350	-
	Lake Salmon Trout .....	lb.	-	-	-	-	-
	Blue Pickerel .....	lb.	-	-	-	-	-

Table 14. - Retail Prices as at First Business Day of December 1948

		Unit	Halifax	Montreal	Toronto	Vancouver
ATLANTIC	Cod fillets, fresh .....	lb.	.358	.397	.393	-
	Cod fillets, frozen wrapped .....	lb.	-	-	.360	-
	Cod fillets, smoked .....	lb.	.360	.414	.435	.400
	Finnan haddie .....	lb.	.358	.405	.399	.403
	Haddock, fillets, fresh .....	lb.	.422	.441	.466	-
	Herring, kippered .....	lb.	.267	.275	.326	.266
	Mackerel, frozen .....	lb.	-	.237	.249	-
	Smelts, frozen, No. 1 .....	lb.	-	-	.452	x .283
	Salmon, fresh .....	lb.	-	-	-	-
	CANNED					
	Lobsters, Fancy, net weight, 6 ounces .....	tin	.807	.738	.742	-
	Sardines, smoked, in vegetable oil, 3½ ounces, flat .....	tin	.108	.103	.093	-
PACIFIC	Salmon, over 14 lb., frozen					
	(a) Coho .....	lb.	-	.590	.664	.486
	(b) Spring .....	lb.	-	-	-	-
	(c) Silverbright .....	lb.	-	-	-	-
	Lingcod, fresh .....	lb.	-	-	-	.269
	Halibut steaks, fresh .....	lb.	+	-	-	-
	Halibut steaks, frozen .....	lb.	+	.533	.526	.533
	CANNED					
	Salmon, Sockeye (certified) Grade A net weight 7 - 8 ounces .....	tin	-	.398	.408	.390
	Salmon, Coho (certified) Grade A net weight 7 - 8 ounces .....	tin	.367	.342	.361	.340

x Pacific

+ Atlantic

INSPECTIONS OF PICKLED FISH IN THE MARITIME PROVINCES

Page 17

January to December, 1948

December 1948

The following data on the inspection and grading of fish on the Atlantic Coast is made available through the co-operation of the officers of the Eastern Division of the Dominion Department of Fisheries.

	Herring				Mackerel	Alewives
	Pickled (Split)	Pickled Headless	Bloaters	Boneless Smoked	Pickled (Split)	Pickled
	'000 lb.					
Fat .....	926	44				
Bright .....	183					
Tropic .....	1,978					
Fillets .....	55				873	
Choice (Class A) .....			2,333	320		
Spring (Class B) .....			2,315			
Standard .....				242		4,590
Spring .....					3,860	
Summer .....						95
Fall .....						108
No. 4 .....	212	4	314		24	300

December 1948

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The statistics for the fisheries of Ontario cover the months April to November inclusive, together with a preliminary report for December. They are made available through the courtesy of the Department of Lands and Forests of Ontario.

The total catch amounted to 25,040,400 lb., with a value of \$5,965,077. Whitefish was the leading species (5,424,400 lb. - \$1,561,795); followed by lake trout (1,834,900 lb. - \$1,433,918).

No information is available on disposition but most of the Ontario catch is usually sold fresh.

#### QUANTITIES CAUGHT AND VALUES AS LANDED

	Quantity cwt.	Value \$		Quantity cwt.	Value \$
Whitefish .....	54,244	1,561,795	Pike (Jackfish) .....	6,874	77,768
Tullibee .....	7,065	98,739	Sturgeon .....	1,731	176,370
Cisco (Lake Herring) .....	15,485	514,888	Suckers .....	11,631	41,915
Pickerel (Yellow Pike) .....	26,746	627,610	Catfish .....	8,348	133,148
Blue Pickerel .....	50,693	736,823	Carp .....	4,455	23,445
Sauger .....	1,921	28,689	Drum .....	1,119	6,313
Perch .....	19,088	313,761	Burbot .....	4,945	7,005
Lake Trout .....	18,349	1,433,918	Other .....	17,710	182,882
			TOTALS .....	250,404	5,965,077

#### WINTER FISHING IN MANITOBA

Through the courtesy of the Manitoba Department of Mines and Natural Resources we are able to publish the following table showing an estimate of the amount and value of fish produced in that province during the month of December 1948.

	Landings		Disposition	
	Quantity cwt.	Value \$	Fresh round	Frozen round
			cwt.	cwt.
Whitefish .....	1,822	14,222	1,392	430
Tullibee .....	3,804	18,578	592	3,212
Pickerel (Yellow Pike) ..	13,781	215,823	8,246	5,535
Sauger .....	900	7,818	362	538
Perch .....	348	3,548	281	67
Lake Trout .....	91	1,535	86	5
Pike (Jackfish) .....	10,168	71,088	1,567	8,601
Suckers (Mullet, etc.) ..	4,940	11,590	29	4,911
Goldeye .....	90	1,360	1	89
TOTALS .....	35,944	345,560	12,556	23,388