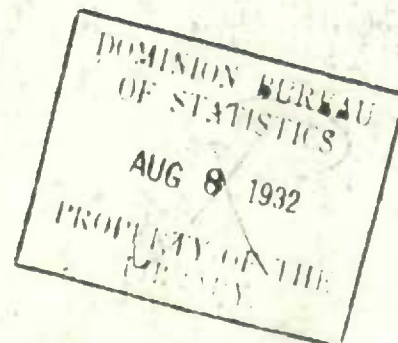


24-5-20

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FISHERIES STATISTICS BRANCH



ADVANCE REPORT

ON THE
FISHERIES
OF
CANADA

1931

Published by Authority of the HON. H. H. STEVENS, M. P.,
Minister of Trade and Commerce

OTTAWA
1932

Issued July, 1932.

Annual Report
400 copies
7/25/32

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
Fisheries Statistics Branch.

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ADVANCE REPORT ON THE FISHERIES OF CANADA, 1931.

The present report on the fisheries of Canada, for the calendar year 1931, is issued by the Dominion Bureau of Statistics in co operation with the Department of Fisheries.

PRODUCTION.

The product of the Canadian fisheries in 1931 had a total value of \$30,682,631, compared with \$47,804,216 in 1930 and \$53,518,521 in 1929. These figures represent the value of the fish as marketed, whether sold for consumption fresh, or as prepared in the various forms, i.e., canned, smoked, dried, etc. The decrease from 1930 is due to a smaller catch as well as to a general decline in prices. The quantity of fish of all kinds caught in 1931 was 9,619,525 cwt., a decrease from 1930 of 1,449,555 cwt. The catch of salmon, which is the chief item in the Canadian fisheries, decreased by over a million cwt. Most of the other principal kinds of fish also show decreases in quantity of catch, although the lobster fishery, which is second to the salmon in importance, records an increase over 1930 of 28,225 cwt. Of the total catch in 1931, the quantity marketed for consumption fresh amounted to 2,173,001 cwt., a decrease from the preceding year of 204,913 cwt., or 8½ per cent. Among the sea fish, the principal kinds used fresh are salmon, halibut, lobster, haddock, mackerel, smelts, swordfish and herring. In the inland fisheries, practically all of the catch is marketed for consumption fresh, and whitefish, trout and pickerel are the principal kinds. The chief items under the head of prepared fish in 1931, in order of value, were: canned salmon, \$5,219,757; canned lobster, \$2,659,863; dried cod, \$1,247,684; canned sardines, \$810,838; dry-salted salmon, \$793,516; and dry-salted herring, \$772,442.

CAPITAL AND EMPLOYEES.

Capital.—The total value of the capital investment of the fisheries in 1931 was placed at \$45,351,356, compared with \$64,026,297 in 1930. The total for 1931 is apportioned as follows: value of vessels, boats, nets, traps, piers and wharves, etc. used in the primary operations of catching and landing the fish, \$26,497,641; and the capital investment of fish canning and curing establishments, \$18,853,715. The latter item shows a decrease from the preceding year of \$11,973,892, or 39 per cent, most of the decrease being attributable to the salmon canneries, which dropped in number from 68 to 48 and in value of capital investment from \$17,927,102 to \$8,324,389.

Employees. The number of fishermen employed during the year 1931 was 62,154, while the fish canning and curing establishments gave employment to an average of 7,216 persons, --a total for the fishing industry of 69,370 employees. Tables 5 and 6 of the present report give statistics of employment, the first table showing the number of fishermen and the average number of persons employed in the establishments during the year, and the second table giving the numbers of wage-earners in the establishments, by months.

IMPORTS AND EXPORTS.

Imports. Fish and fishery products imported into Canada during the calendar year 1931 had a total value of \$2,653,894, compared with \$3,446,601 in 1930 and \$4,233,906 in 1929. The principal kinds of fish imported are sardines and oysters, the former with a value in 1931 of \$452,843 and the latter with \$297,822.

Exports. The value of fish and fishery products of Canadian origin exported from Canada in 1931 was \$25,848,585, compared with \$31,869,350 in 1930 and \$37,566,393 in 1929. The largest single items in 1931 were: canned salmon, \$5,909,948; canned lobster, \$3,113,392; and dried codfish, \$2,422,723. Canadian fish and fishery products in 1931 found markets in more than 94 countries.

TABLES

The following tables show: the total value of the fisheries; the quantity and value of all fish caught and landed and marketed; the quantity caught and landed and the value marketed of the chief commercial fishes; the capital equipment; and the number of employees.

1. Value of the Fisheries of Canada, 1922 to 1931.

Year	Value \$	Year	Value \$
1922	41,800,210	1927	49,123,609
1923	42,565,545	1928	55,050,973
1924	44,534,235	1929	53,518,521
1925	47,942,131	1930	47,804,216
1926	56,360,633	1931	30,682,631

2. Value of Fisheries by Provinces, 1928-1931, in order of Value, 1930.

Province	1928	1929	1930	1931	Increase or Decrease 1931 Compared with 1930 Increase + Decrease -
	\$	\$	\$	\$	\$
British Columbia	26,562,727	23,930,692	23,108,302	11,108,873	- 11,994,429
Nova Scotia	11,681,995	11,427,491	10,411,402	7,986,194	- 2,425,008
New Brunswick	5,001,641	5,935,635	4,853,575	4,169,810	- 683,765
Ontario	4,030,753	3,919,144	3,294,629	2,477,131	- 817,498
Quebec	2,996,614	2,933,339	2,502,998	1,952,894	- 550,104
Manitoba	2,240,314	2,745,205	1,811,962	1,241,575	- 570,387
Prince Edward Island	1,196,681	1,297,125	1,141,279	1,073,901	- 62,378
Alberta	725,050	732,214	421,258	184,646	- 236,612
Saskatchewan 1/	563,533	572,871	234,501	453,056	+ 218,555
Yukon Territory	51,665	24,805	29,510	29,550	+ 40
T O T A L	55,050,973	53,518,521	47,804,216	30,682,631	- 17,121,585

1/ Preliminary.

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada, 1930 and 1931.

Sea Fisheries					
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Cod, caught	Cwt.	1,662,421	3,246,002	1,463,626	2,044,371
Marketed -					
Used fresh	Cwt.	112,866	434,553	94,152	322,604
Fresh fillets	Cwt.	27,386	315,701	22,906	250,767
Green salted	Cwt.	149,076	599,122	153,921	645,446
Canned	Cases	5,793	28,394	555	3,585
Smoked	Cwt.	-	-	137	322
Smoked fillets	Cwt.	35,564	595,701	21,936	216,003
Dried	Cwt.	322,960	2,116,889	275,814	1,247,834
Boneless	Cwt.	24,760	252,524	22,539	185,313
Cod liver oil,					
medicinal	Gal.	84,596	65,046	51,651	31,859
Cod oil	Gal.	181,326	80,883	142,940	42,487
Total value marketed		-	4,238,813	-	2,327,350

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada 1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Haddock, caught	Cwt.	486,344	1,006,144	363,850	603,429
Marketed -					
Used fresh	Cwt.	136,816	575,831	131,099	533,887
Fresh fillets	Cwt.	59,357	743,924	44,189	508,019
Canned	Cases	15,123	95,014	13,612	75,094
Smoked	Cwt.	34,589	293,282	27,123	210,400
Smoked fillets	Cwt.	4,122	48,161	1,248	13,425
Green-salted	Cwt.	10,208	26,116	2,024	4,334
Dried	Cwt.	13,049	55,160	4,756	14,410
Boneless	Cwt.	1,751	14,236	443	2,790
Total value marketed		-	1,851,724	-	1,362,359
Hake and Cusk, caught	Cwt.	294,376	204,207	171,748	77,771
Marketed -					
Used fresh	Cwt.	8,453	14,284	8,864	11,941
Fresh fillets	Cwt.	8,453	76,109	5,020	33,339
Green-salted	Cwt.	37,849	86,556	30,557	55,771
Canned	Cases	1,193	6,562	157	864
Smoked fillets	Cwt.	9,641	83,341	4,611	32,510
Dried	Cwt.	50,900	151,033	25,387	53,321
Boneless	Cwt.	1,867	13,681	664	4,152
Total value marketed		-	431,566	-	191,898
Pollock, caught	Cwt.	52,316	52,336	50,849	36,267
Marketed -					
Used fresh	Cwt.	8,023	16,844	2,840	7,162
Fresh fillets	Cwt.	-	-	41	410
Green-salted	Cwt.	6,699	15,588	9,274	24,677
Dried	Cwt.	10,301	48,093	9,675	30,140
Boneless	Cwt.	14	137	-	-
Total value marketed		-	80,662	-	62,389
Whiting, caught	Cwt.	40	168	87	405
Marketed fresh	Cwt.	40	211	87	405
Catfish, caught	Cwt.	1,905	1,917	1,609	1,600
Marketed -					
Used fresh	Cwt.	1,886	4,571	1,588	6,803
Fresh fillets	Cwt.	4	32	7	63
Total value marketed		-	4,603	-	6,866
Halibut, caught	Cwt.	282,605	2,739,413	210,926	1,462,186
Marketed -					
Used fresh	Cwt.	282,416	2,869,961	210,769	1,779,189
Smoked	Cwt.	6	130	77	699
Canned	Cases	135	1,364	26	156
Total value marketed		-	2,871,455	-	1,780,044

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada
1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Flounders, Brill, Plaice,					
caught	Cwt.	11,422	26,075	7,897	12,045
Marketed					
Used fresh	Cwt.	11,389	48,083	7,753	27,333
Fresh fillets	Cwt.	11	121	44	508
Smoked	Cwt.	-	-	6	60
Total value marketed		-	48,209	-	27,943
Skate, caught	Cwt.	3,381	5,439	3,317	6,056
Marketed	Cwt.	3,381	8,870	3,317	13,917
Soles, caught	Cwt.	19,069	62,199	9,779	32,585
Marketed					
Used fresh	Cwt.	19,069	97,619	9,023	46,832
Fresh fillets	Cwt.	-	-	254	3,810
Total value marketed		-	97,619	-	50,442
Herring, caught	Cwt.	2,125,663	1,237,645	2,403,243	1,152,777
Marketed					
Used fresh	Cwt.	205,096	365,456	135,317	244,573
Canned (round)	Cases	2,740	11,335	2,467	9,911
Canned (kippered)	Cases	-	-	400	4,000
Smoked (round)	Cwt.	74,489	263,265	60,285	148,262
Smoked (boneless)	Cwt.	688	6,810	600	4,799
Kippered	Cwt.	-	-	5,076	32,343
Dry salted	Cwt.	805,973	961,364	788,227	776,442
Pickled	Bbl.	20,846	122,409	22,755	124,186
Used as bait	Bbl.	183,915	381,524	195,979	325,765
Fertilizer	Bbl.	102,792	83,192	104,721	74,093
Oil	Gal.	98,038	25,488	131,270	15,090
Meal	Ton	2,899	114,449	4,986	209,324
Scales	Cwt.	182	447	545	1,350
Total value marketed		-	2,335,739	-	1,969,329
Mackerel, caught	Cwt.	178,464	442,143	196,243	307,334
Marketed					
Used fresh	Cwt.	35,809	162,699	74,334	331,392
Canned	Cases	469	2,386	578	2,745
Smoked	Cwt.	131	846	3	12
Pickled	Bbl.	47,354	432,088	38,413	259,424
Salted fillets	Bbl.	-	-	1,263	15,375
Used as bait	Bbl.	-	-	995	2,027
Total value marketed		-	598,019	-	502,472

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada, 1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Sardines, caught	Bbl.	129,459	172,158	65,660	62,291
Marketed -					
Canned	Cases	244,238	979,299	202,520	810,838
Sold fresh and salted	Bbl.	79,349	95,188	31,263	26,722
Total value marketed		-	1,074,487	-	837,560
Pilchards, caught	Cwt.	1,501,404	613,947	1,472,085	335,514
Marketed -					
Used fresh	Cwt.	25	154	4,091	1,773
Canned	Cases	55,166	220,468	17,336	69,344
Used as bait	Bbl.	926	2,415	1,552	3,315
Oil	Gal.	3,204,058	678,115	2,551,914	299,928
Meal	Ton	13,934	688,457	14,200	433,482
Total value marketed		-	1,589,609	-	807,842
Alewives, caught	Cwt.	70,996	62,337	66,929	54,336
Marketed -					
Used fresh	Cwt.	15,130	24,673	22,719	31,129
Smoked	Cwt.	1,165	4,280	2,274	6,385
Salted	Bbl.	14,593	71,534	14,375	56,087
Used as bait	Bbl.	6,011	9,736	185	370
Fertilizer	Bbl.	1,875	937	-	-
Total value marketed		-	111,160	-	93,971
Bass, caught	Cwt.	119	1,573	211	2,219
Marketed fresh	Cwt.	119	2,083	211	2,762
Perch, caught	Cwt.	1,733	14,792	1,038	3,775
Marketed fresh	Cwt.	1,733	15,576	1,038	4,143
Salmon, caught	Cwt.	2,360,699	9,038,984	1,341,913	3,825,417
Marketed -					
Used fresh	Cwt.	310,352	2,951,304	264,397	1,760,887
Canned	Cases	2,223,469	13,924,037	686,697	5,219,757
Smoked	Cwt.	1,383	20,253	249	4,912
Dry-salted	Cwt.	116,223	292,782	386,693	793,516
Mild-cured	Cwt.	25,095	463,394	9,149	127,905
Pickled	Cwt.	2,462	19,008	2,085	10,439
Used as bait	Cwt.	729	2,837	1,464	2,208
Roe	Cwt.	19,333	24,040	11,447	22,921
Total value marketed		-	17,697,655	-	7,942,545
Shad, caught	Cwt.	3,965	27,107	5,266	31,717
Marketed -					
Used fresh	Cwt.	3,909	35,351	4,509	38,950
Salted	Bbl.	22	550	252	6,251
Total value marketed		-	35,901	-	45,201

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada
1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Smelts, caught	Cwt.	58,944	607,890	67,906	426,100
Marketed fresh	Cwt.	58,944	796,700	67,906	620,093
Sturgeon, caught	Cwt.	526	6,112	300	3,456
Marketed -					
Used fresh	Cwt.	526	7,368	300	4,091
Caviar	Lb.	-	-	100	115
Total value marketed		-	7,368	-	4,206
Trout, caught	Cwt.	139	2,524	53	1,060
Marketed fresh	Cwt.	139	2,914	53	1,295
Black Cod, caught	Cwt.	16,517	90,239	5,845	22,389
Marketed -					
Used fresh	Cwt.	13,414	86,705	1,111	7,171
Green-salted	Cwt.	51	943	310	4,652
Smoked	Cwt.	1,584	79,979	2,173	27,693
Dried	Cwt.	156	2,956	-	-
Total value marketed		-	120,583	-	39,521
Ling Cod, caught	Cwt.	48,591	302,071	50,987	213,012
Marketed -					
Used fresh	Cwt.	48,591	333,564	49,746	229,492
Smoked	Cwt.	-	-	454	6,622
Smoked fillets	Cwt.	-	-	111	1,900
Total value marketed		-	333,564	-	239,014
Red Cod, caught	Cwt.	4,248	21,455	2,735	9,146
Marketed fresh	Cwt.	4,248	24,577	2,735	10,937
Albacore, caught	Cwt.	2,666	12,130	1,561	5,959
Marketed fresh	Cwt.	2,666	16,761	1,561	7,566
Caplin and Lance, caught	Bbl.	3,639	9,014	6,216	12,234
Marketed fresh	Bbl.	3,639	9,014	6,216	12,234
Eels, caught	Cwt.	2,474	17,814	2,216	12,997
Marketed fresh	Cwt.	2,474	23,235	2,216	16,219
Grayfish, caught	Cwt.	99,380	30,512	112,948	28,079
Marketed -					
Oil	Gal.	114,558	22,229	170,271	19,362
Meal	Ton	899	45,165	1,010	34,969
Total value marketed		-	67,394	-	54,231
Octopus, caught	Cwt.	355	2,555	233	1,106
Marketed fresh	Cwt.	355	2,569	233	1,156

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada, 1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Oulachons, caught	Cwt.	899	2,762	198	477
Marketed fresh	Cwt.	899	4,214	198	477
Squid, caught	Bbl.	6,572	19,568	1,713	4,623
Marketed - Used as bait	Bbl.	6,572	31,374	1,713	6,114
Swordfish, caught	Cwt.	11,933	139,145	12,629	140,039
Marketed fresh	Cwt.	11,933	214,806	12,629	236,617
Tom Cod, caught	Cwt.	15,253	21,533	18,389	13,248
Marketed fresh	Cwt.	15,253	52,219	18,389	51,363
Mixed Fish, caught	Cwt.	85,431 ^{1/}	39,739	94,237 ^{1/}	54,037
Marketed fresh	Cwt.	5,919	29,359	7,363	36,663
Clams and Quahaugs, caught	Bbl.	64,709	138,223	56,053	99,389
Marketed - Used fresh	Bbl.	19,677	57,111	33,577	84,240
Canned	Cases	44,708	262,358	22,677	143,374
Total value marketed		-	319,469	-	227,614
Cockles, caught	Cwt.	-	-	88	211
Marketed fresh	Cwt.	-	-	88	211
Abalone, caught	Bbl.	466	1,864	435	1,740
Marketed - Used fresh	Bbl.	-	-	14	56
Canned	Cases	350	3,500	421	4,210
Total value marketed		-	3,500	-	4,266
Crabs, caught	Cwt.	4,932	27,635	5,478	25,401
Marketed - Used fresh	Cwt.	4,539	26,276	5,068	26,521
Canned	Cases	295	3,141	204	1,693
Total value marketed		-	29,417	-	28,214
Lobsters, caught	Cwt.	407,265	3,677,712	435,490	3,255,187
Marketed - Used fresh	Cwt.	125,136	2,283,808	143,083	2,307,478
Meat	Cwt.	392	26,370	543	28,910
Canned	Cases	139,109	2,873,796	144,661	2,639,863
Tomalley	Cases	3,261	30,669	4,698	60,777
Total value marketed		-	5,214,643	-	5,037,028

^{1/} Excess used in the preparation of fish oil and meal.

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada,
1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Mussels, caught	Cwt.	-	-	29	100
Marketed fresh	Cwt.	-	-	29	100
Oysters, caught	Bbl.	23,942	158,709	24,337	151,558
Marketed fresh	Bbl.	23,942	205,019	24,337	193,563
Scallops, caught	Bbl.	18,636	90,232	11,788	38,963
Marketed -					
Shelled	Gal.	36,707	93,699	23,392	41,201
Canned	Cases	195	1,823	44	440
Total value marketed		-	95,522	-	41,641
Shrimps, caught	Cwt.	1,578	13,458	1,188	14,288
Marketed fresh	Cwt.	1,578	20,426	1,188	15,778
Tongues and Sounds, pickled or dried	Cwt.	1,555	5,838	1,330	5,482
Winkles, caught	Cwt.	578	1,108	913	1,738
Marketed fresh	Cwt.	578	1,108	913	1,738
Dulse, green	Cwt.	5,138	9,646	3,231	3,892
Marketed dried	Cwt.	765	10,306	433	4,274
Sea Weed, green	Cwt.	-	-	80	30
Marketed dried	Cwt.	-	-	20	30
Fur Seals, caught	No.	2,291	13,746	1,463	6,720
Skins marketed	No.	2,291	13,746	1,463	7,004
Hair Seals, caught	No.	10,544	23,853	10,129	18,323
Marketed					
Skins	No.	10,544	18,190	10,129	14,306
Oil	Gal.	22,377	9,786	21,576	4,543
Total value marketed		-	27,976	-	18,849
Porpoises, caught	No.	9	200	103	1,224
Marketed -					
Skins	No.	9	76	103	310
Oil	Gal.	300	152	4,590	312
Total value marketed		-	228	-	1,122
Whales, caught	No.	320	227,993	-	-
Marketed -					
Whalebone meal	Ton	273	6,775	-	-
Whale fertilizer	Ton	581	29,050	-	-
Whale oil	Gal.	525,533	192,168	-	-
Total value marketed		-	227,993	-	-

Quantity and Value of Fish Caught and Landed and Marketed, Canada, 1930 and 1931 - Continued.

Kind of Fish		Sea Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Miscellaneous fish products					
Fish oil, n.e.s.	Gal.	99,127	34,342	83,804	10,544
Fish meal, n.e.s.	Ton	3,841	238,950	11,316	217,303
Fish fertilizer, n.e.s.	Ton	390	14,120	354	12,128
Fish offal	Ton	11,055	31,059	4,850	11,182
Fish skins and bones	Cwt.	31,574	30,784	17,509	23,347
Other products			46,919		52,276
Total value of Sea Fisheries					
Caught and landed			24,719,077		14,609,240
Marketed			41,451,977		25,782,584
Inland Fisheries					
Alewives, caught	Cwt.	543	1,291	390	826
Marketed -					
Used fresh	Cwt.	257	579	197	446
Salted	Bbl.	104	712	70	380
Total value marketed			1,291		826
Bass, caught	Cwt.	630	10,361	669	8,700
Marketed fresh	Cwt.	630	10,374	669	8,700
Carp, caught	Cwt.	12,344	59,928	16,003	60,954
Marketed fresh	Cwt.	12,034	67,179	16,003	68,507
Catfish, caught	Cwt.	8,954	78,853	9,942	75,932
Marketed fresh	Cwt.	8,954	79,829	9,942	81,310
Clay, caught	Cwt.	13,914	123,879	17,867	109,762
Marketed fresh	Cwt.	13,914	123,879	17,867	109,762
Cod, caught	Cwt.	5,809	37,276	3,512	18,155
Marketed					
Used fresh	Cwt.	366	3,139	155	1,697
Smoked	Cwt.	5,266	94,428	2,136	38,117
Total value marketed			97,567		39,814
Herring, caught	Cwt.	65,113	203,833	59,508	317,724
Marketed fresh	Cwt.	65,113	287,435	59,508	360,505
Halibut, caught	Cwt.	652	391	2,105	1,419
Marketed fresh	Cwt.	652	391	2,105	1,552
Maskinonge, caught	Cwt.	147	3,975	187	4,167
Marketed fresh	Cwt.	147	3,975	187	4,167

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada,
1930 and 1931 - Continued.

Kind of Fish		Inland Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Mixed Fish, caught	Cwt.	41,652	149,618	38,543	140,636
Marketed fresh	Cwt.	41,652	151,273	38,543	141,906
Mulletts, caught	Cwt.	13,189	16,375	3,575	6,376
Marketed fresh	Cwt.	13,189	23,413	3,575	9,053
Perch, caught	Cwt.	42,029	285,586	50,377	182,830
Marketed fresh	Cwt.	42,029	331,073	50,377	227,593
Pickarel or Dore, caught	Cwt.	103,146	740,355	91,825	605,541
Marketed fresh	Cwt.	103,146	939,762	91,825	762,215
Pickarel, blue, caught	Cwt.	59,284	361,632	54,048	140,525
Marketed fresh	Cwt.	59,284	420,917	54,048	178,359
Pike, caught	Cwt.	56,464	167,527	45,750	117,519
Marketed fresh	Cwt.	56,464	228,905	45,750	165,725
Salmon, caught	Cwt.	1,830	31,491	1,788	26,857
Marketed fresh	Cwt.	1,830	34,236	1,788	29,472
Saugers, caught	Cwt.	8,961	48,074	18,279	60,920
Marketed fresh	Cwt.	8,961	62,462	18,279	74,194
Shad, caught	Cwt.	2,023	16,573	2,947	19,366
Marketed fresh	Cwt.	2,023	16,573	2,947	19,366
Smelts, caught	Cwt.	7,177	56,334	6,616	32,744
Marketed fresh	Cwt.	7,177	56,334	6,616	32,744
Suckers, caught	Cwt.	5	15	3,418	4,401
Marketed fresh	Cwt.	5	15	3,418	6,257
Sturgeon, caught	Cwt.	4,451	95,117	4,209	90,702
Marketed -					
Used fresh	Cwt.	4,451	101,607	4,209	90,752
Caviar	Lb.	3,647	3,647	3,893	3,893
Total value marketed		-	105,254	-	94,635
Trout, caught	Cwt.	69,670	765,495	71,557	610,762
Marketed fresh	Cwt.	69,670	1,029,065	71,557	843,782
Tullibee, caught	Cwt.	62,041	379,731	42,795	150,352
Marketed -					
Used fresh	Cwt.	62,016	461,676	42,783	190,418
Smoked	Cwt.	15	400	7	53
Total value marketed		-	462,076	-	190,471

3. Quantity and Value of Fish Caught and Landed and Marketed, Canada 1930 and 1931 - Concluded.

Kind of Fish		Inland Fisheries			
		1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Whitefish, caught	Cwt.	169,747	1,409,874	157,858	1,085,270
Marketed fresh	Cwt.	169,747	1,818,941	157,858	1,444,127
Total value of Inland Fisheries -					
Caught and landed		-	5,043,586	-	3,872,440
Marketed		-	6,352,239	-	4,900,047
Total value of All Fisheries -					
Caught and landed		-	29,762,663	-	18,481,680
Marketed		-	47,804,216	-	30,682,631

4. Quantity and Value of Chief Commercial Fishes, Canada 1928 - 1931.

Kind of Fish		1928	1929	1930	1931	Increase or Decrease 1931 compared with 1930
						Increase / Decrease -
Salmon	Cwt.	2,286,151	1,550,780	2,362,529	1,343,701	- 1,018,828
	\$	17,867,053	15,008,825	17,731,891	7,972,017	- 9,759,874
Lobsters	Cwt.	322,437	372,820	407,265	435,490	/ 28,225
	\$	5,183,988	5,696,542	5,214,643	5,037,028	- 177,615
Cod	Cwt.	2,150,078	1,979,440	1,662,421	1,463,626	- 198,795
	\$	6,285,777	5,394,636	4,288,813	2,827,350	- 1,461,463
Herring	Cwt.	2,396,054	2,317,806	2,190,776	2,462,751	/ 271,975
	\$	3,104,911	3,186,669	2,623,174	2,330,044	- 293,130
Halibut	Cwt.	329,923	335,824	282,605	210,926	- 71,679
	\$	3,812,321	4,832,296	2,871,455	1,780,044	- 1,091,411
Whitefish	Cwt.	180,695	196,386	169,747	157,858	- 11,889
	\$	2,192,567	2,453,703	1,818,941	1,444,127	- 374,814
Haddock	Cwt.	481,708	545,409	486,344	363,850	- 122,494
	\$	1,733,781	1,951,642	1,851,724	1,362,359	- 489,365
Trout	Cwt.	91,694	90,854	69,809	71,610	/ 1,801
	\$	1,347,779	1,324,775	1,031,979	850,077	- 181,902

1/ 2/
4. Quantity and Value of Chief Commercial Fishes, Canada 1928 - 1931-Concluded.

Kind of Fish		1928	1929	1930	1931	Increase or Decrease 1931 Compared with 1930 Increase / Decrease
Sardines	Bbl. \$	285,990 1,291,722	249,194 1,626,764	129,459 1,074,487	63,660 837,560	- 65,799 - 236,927
Pilchards	Cwt. \$	1,610,252 2,565,137	1,726,851 2,199,834	1,501,404 1,589,609	1,472,085 807,842	- 29,319 - 781,767
Pickarel or dore	Cwt. \$	142,610 1,616,442	128,500 1,453,847	103,146 939,762	91,825 762,215	- 11,321 - 177,547
Smelts	Cwt. \$	91,877 1,241,452	83,984 1,190,908	66,121 853,034	74,522 652,837	/ 8,401 - 200,197
Mackerel	Cwt. \$	123,768 528,267	152,756 536,021	178,464 598,019	196,248 502,477	/ 17,784 - 95,542
Ling Cod	Cwt. \$	50,772 366,101	48,489 415,776	49,243 333,955	53,092 240,566	/ 3,849 - 93,389
Swordfish	Cwt. \$	8,088 132,345	6,336 98,241	11,933 214,806	12,629 236,617	/ 696 / 21,811
Perch	Cwt. \$	53,176 763,315	67,055 616,722	43,762 346,649	51,415 231,736	/ 7,653 - 114,913
Clams and Quahaugs	Bbl. \$	63,320 322,874	67,739 346,772	64,709 319,469	56,053 227,614	- 8,656 - 91,855
Oysters	Bbl. \$	21,493 214,180	24,959 226,876	23,942 205,019	24,337 193,563	/ 395 - 11,456
Hake and Cusk	Cwt. \$	253,244 368,237	339,217 517,311	294,576 431,566	171,748 191,898	- 122,628 - 239,668
Tullibee	Cwt. \$	104,145 612,931	97,669 687,731	62,041 462,076	42,795 190,471	19,246 271,605
Mixed Fish	Cwt. \$	57,996 248,382	52,685 218,782	127,083 180,632	97,812 178,569	29,271 2,063
Pickarel, blue	Cwt. \$	21,496 257,952	25,831 383,220	59,284 420,917	54,048 178,359	- 5,236 242,558
Pike	Cwt. \$	62,701 362,922	82,546 409,970	56,464 228,905	45,750 165,725	- 10,714 63,180
Eels	Cwt. \$	25,661 227,751	14,539 133,542	16,388 147,114	20,083 125,981	/ 3,695 21,133

1/ Quantity caught 2/ Value marketed

5. Capital Equipment, Canada, 1930 and 1931.

In Primary Operations	Sea Fisheries			
	1930		1931	
	No.	Value \$	No.	Value \$
Steam trawlers	8	470,000	7	265,000
Steam fishing vessels	8	156,000	2	6,000
Sailing and gasoline vessels	1,216	7,854,044	911	3,861,639
Boats (sail and row)	14,571	539,415	14,393	468,061
Boats (gasoline)	16,737	7,475,369	17,160	6,844,808
Carrying smacks and scows	642	875,945	787	741,060
Gill nets	67,279	984,138	70,993	992,854
Salmon drift nets	12,590	1,426,828	11,880	1,005,473
Salmon drag seines	19	10,875	29	17,300
Salmon trap nets	341	109,615	405	122,100
Trap nets, other	1,121	668,858	1,028	658,145
Smelt nets	13,482	627,625	18,656	515,737
Pound nets	73	14,600	73	12,775
Weirs	346	352,329	335	321,706
Salmon purse seines	399	767,775	242	481,200
Seines, other	3,470	422,255	783	229,850
Tubs of trawl	20,859	306,672	21,031	287,841
Skates of gear	2,461	54,656	3,853	65,476
Inshore drags			41	5,225
Otter trawls	59	15,625	4	1,200
Hand lines	63,699	155,785	64,203	146,046
Crab traps	4,870	16,930	6,080	21,430
Eel traps	416	1,847	465	1,182
Lobster traps	1,593,584	2,176,828	1,623,295	2,088,103
Lobster pounds	77	63,640	51	59,565
Oyster rakes	1,449	5,341	1,416	4,846
Scallop drags	322	9,760	303	8,969
Quahaug rakes	279	653	784	828
Oyster plant and equipment	1	21,208	1	21,208
Fishing piers and wharves	1,793	811,655	1,769	844,806
Freezers and ice houses	603	282,680	657	249,155
Small fish and smoke houses	6,946	917,323	6,972	930,933
Other gear				14,840
TOTAL		27,534,258		21,280,341

Inland Fisheries				
Steam vessels or tugs	136	1,103,695	121	967,721
Boats (sail and row)	3,722	151,770	3,306	118,111
Boats (gasoline)	1,480	966,020	1,414	945,005
Carrying smacks and scows	8	42,500	6	30,000
Gill nets		1,720,632		1,524,400
Seines	183	22,747	182	22,590
Pound nets	1,182	622,525	1,151	605,805
Hoop nets	887	28,767	876	27,042
Dip nets	135	1,263	79	1,028
Lines	1,668	15,216	1,525	10,348

5. Capital Equipment, Canada, 1930 and 1931. Concluded

In Primary Operations	Inland Fisheries			
	1 9 3 0		1 9 3 1	
	No.	Value \$	No.	Value \$
Weirs	1,169	122,269	1,240	119,475
Eel traps	80	200	60	120
Fish wheels	6	900	7	1,050
Spears	93	680	60	360
Fishing piers and wharves	483	229,275	463	205,800
Freezers and ice houses	958	527,435	812	491,632
Small fish and smoke houses	225	108,538	240	148,813
TOTAL	-	5,664,432	-	5,217,300

In Fish Canning and Curing	1 9 3 0		1 9 3 1	
	No.	Value	No.	Value
		\$		\$
Lobster canneries	333	1,257,185	337	1,440,407
Salmon canneries	68	17,927,102	48	8,324,389
Clam canneries	23	204,969	18	190,163
Sardine and other fish canneries	10	1,405,921	10	1,554,284
Fish curing establishments	234	7,562,694	228	6,131,817
Reduction plants	31	2,469,736	21	1,212,655
TOTAL	699	30,827,607	662	18,853,715

6. Number of Employees, Canada, 1930 and 1931.

Employees	1 9 3 0		1 9 3 1	
	Sea	Inland	Sea	Inland
	No.	No.	No.	No.
Men employed on vessels, boats, etc.	50,881	12,955	50,696	11,452
Persons employed in fish canning and curing establishments ^{1/}	15,722	-	7,216	-
TOTAL	66,603	12,955	57,912	11,452

1/ The number of employees should not be compared with previous years, as a change has been made in the system of computing the average number of employees in fish canning and curing establishments. Previous to 1931 a total was made of the number of persons employed in an establishment in the various months and this total was divided by the number of months in operation, for the year 1931 the total in each case was divided by 12, and the figures now show the man year instead of the man season as formerly. For example: a lobster cannery employs 12 men in May, 14 in June and 14 in July, a total of 40. Previous to 1931 this total would be divided by the number of months in operation, viz., 3, and the result would be 13 employees. Under the present plan, the total of 40 would be divided by 12, giving 3 employees instead of 13 as under the former plan.

7. Number of Wage-earners in Fish Canning and Curing Establishments, Canada,
by Months, 1930 and 1931.^{1/}

Month	Male No.	1 9 3 0 Female No.	Total No.	Male No.	1 9 3 1 Female No.	Total No.
January	1,926	111	2,037	1,354	54	1,408
February	1,435	147	1,582	1,285	64	1,349
March	1,781	269	2,050	1,335	149	1,484
April	3,320	728	4,048	2,244	459	2,703
May	5,806	3,370	9,176	4,674	3,222	7,896
June	6,182	3,228	9,410	4,884	3,054	7,938
July	4,731	917	5,648	3,267	706	3,973
August	4,474	850	5,324	3,216	844	4,060
September	3,909	682	4,591	2,903	772	3,675
October	3,142	519	3,661	2,913	570	3,483
November	2,622	152	2,774	2,420	142	2,562
December	1,962	101	2,063	1,759	88	1,847

1/ Exclusive of contract and piece-workers, for which no statistics of monthly employment are available.

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