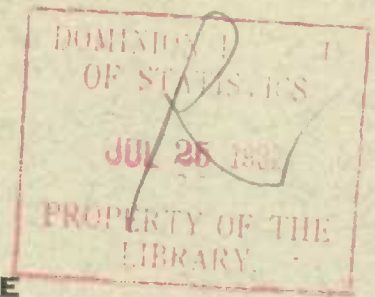


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FISHERIES STATISTICS BRANCH

ADVANCE REPORT
ON THE
FISHERIES
OF
NOVA SCOTIA
1931

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

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DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
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ADVANCE REPORT ON THE FISHERIES OF NOVA SCOTIA, 1931.

The following report on the fisheries of Nova Scotia, for the year 1931, is issued by the Dominion Bureau of Statistics in co-operation with the Department of Fisheries.

PRODUCTION

The product of the fisheries of the province of Nova Scotia in 1931 had a total value of \$7,986,194, compared with \$10,411,202 in 1930 and \$11,427,491 in 1929. These totals represent the value of the fish as marketed, whether sold for consumption fresh, or canned, cured or otherwise prepared.

The lobster fishery in 1931 was of first importance, with the cod fishery second, the marketed value of the lobsters amounting to \$2,725,620 and of the cod to \$1,671,201. Haddock was third in order of value, with a total of \$1,325,919.

The catch of fish of all kinds for Nova Scotia in 1931 amounted to 2,117,305 cwt. with a value to the fishermen of \$4,853,900, compared with a catch of 2,577,856 and a value to the fishermen of \$6,842,953 in 1930. The decrease from 1930 in the quantity of fish caught was 18 per cent, while the value to the fishermen and the marketed value, owing to lowered prices, were 29 per cent and 23 per cent respectively. Among the principal kinds of fish, lobsters, halibut, mackerel and smelts show increases in quantity caught but decreases in marketed value, while swordfish alone records an increase in both catch and marketed value. The other principal kinds — cod, haddock, herring, salmon and hake and cusk — show decreases in catch as well as in marketed value.

CAPITAL AND EMPLOYEES

Capital. — The value of the capital investment of the fisheries of Nova Scotia in 1931 was \$10,232,805, to which total the value of the vessels, boats, nets and other gear used in the primary operations of catching and landing the fish contributed \$6,813,124, or 77 per cent, and the fish canning and curing industry \$3,419,681, or 33 per cent. Compared with the preceding year, the total capital shows a decrease of \$1,011,935.

Employees. — The number of men engaged in catching and landing the fish in 1931 was 15,527, while the fish canning and curing industry gave employment to an average of 1,726 persons during the year. This general average for the year is naturally much below that of the months when employment in fish canning and curing establishments is at its highest, viz., May and June — for the month of May, 1931, a total of 3,472 employees was recorded and for the month of June, a total of 3,299.

GENERAL TABLES

The following tables show (1) total value of the fisheries of Nova Scotia in the years 1922 to 1931; (2) quantity and value of fish caught and landed and marketed, 1930 and 1931; (3) quantity of the catch and marketed value of the chief commercial fishes, 1928-1931; (4) capital equipment; (5) number of employees in the fisheries; and (6) employees in fish canning and curing establishments, by months.

1. Value of the Fisheries of Nova Scotia, 1922-1931.

Year	Value	Year	Value
	\$		\$
1922	10,209,258	1927	10,783,631
1923	8,448,385	1928	11,681,995
1924	8,777,251	1929	11,427,491
1925	10,213,779	1930	10,411,202
1926	12,505,922	1931	7,986,194

2. Quantity and Value of Fish Caught and Landed and Marketed, Nova Scotia, 1930 and 1931.

Kind of Fish	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
Cod, caught	cwt. 1,065,133	1,978,386	816,140	1,178,591
Marketed -				
Used fresh	cwt. 82,872	311,676	62,907	222,284
Fresh fillets	cwt. 26,298	304,426	21,212	213,943
Green salted	cwt. 76,099	313,536	84,275	291,052
Canned	cases 5,793	28,394	555	3,585
Smoked fillets	cwt. 33,544	395,518	21,910	215,709
Dried	cwt. 184,409	1,020,108	123,885	502,128
Boneless	cwt. 23,207	237,340	21,788	178,181
Cod liver oil,				
medicinal	gal. 40,526	27,730	22,486	13,882
Cod oil	gal. 98,354	47,151	79,913	30,437
Total value marketed ..		2,685,879		1,671,201
Haddock, caught	cwt. 471,639	975,864	349,558	577,277
Marketed -				
Used fresh	cwt. 125,282	530,590	122,779	503,029
Fresh fillets	cwt. 59,295	743,363	43,972	505,656
Canned	cases 15,123	95,014	13,254	73,603
Smoked	cwt. 34,109	288,498	27,109	210,267
Smoked fillets	cwt. 4,122	48,161	1,248	13,425
Green salted	cwt. 10,054	25,674	1,872	4,020
Dried	cwt. 12,495	52,794	4,348	13,129
Boneless	cwt. 1,751	14,236	443	2,790
Total value marketed ..		1,798,530		1,325,919

2. Quantity and Value of Fish Caught and Landed and Marketed, Nova Scotia,
1930 and 1931. - Con.

Kind of Fish	1 9 3 0		1 9 3 1	
	Quantity	Value \$	Quantity	Value \$
Hake and Cusk, caught . cwt.	190,203	136,148	103,384	46,910
Marketed -				
Used fresh cwt.	7,139	11,816	3,559	6,223
Fresh fillets cwt.	8,081	72,731	4,084	27,765
Canned cases	1,193	6,562	157	864
Green salted cwt.	18,789	43,711	18,777	31,613
Smoked fillets cwt.	9,367	80,346	4,611	32,510
Dried cwt.	31,798	87,159	13,284	27,954
Boneless cwt.	1,520	10,887	552	3,670
Total value marketed.	-	313,212	-	130,599
Pollock, caught cwt.	39,422	38,184	40,802	28,411
Marketed -				
Used fresh cwt.	8,003	16,794	2,691	6,965
Fresh fillets cwt.	-	-	41	410
Green salted cwt.	5,603	12,450	8,831	23,353
Dried cwt.	6,642	28,145	6,676	20,310
Total value marketed	-	57,389	-	51,038
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.	27,258	332,237	27,978	294,827
Marketed -				
Used fresh cwt.	27,081	418,397	27,852	392,967
Canned cases	135	1,364	26	156
Smoked cwt.	-	-	63	509
Total value marketed.	-	419,761	-	393,632
Flounders, caught cwt.	4,726	6,401	5,258	5,868
Marketed -				
Used fresh cwt.	4,693	22,170	5,153	19,274
Fresh fillets cwt.	11	121	31	310
Smoked cwt.	-	-	6	60
Total value marketed.	-	22,291	-	19,644
Skate, caught cwt.	2,352	2,352	1,830	1,484
Marketed fresh cwt.	2,352	4,446	1,830	8,630
Soles, caught cwt.	10,584	22,708	3,008	8,623
Marketed -				
Used fresh cwt.	10,584	51,402	4,252	21,260
Fresh fillets cwt.	-	-	254	3,810
Total value marketed.	-	51,402	-	25,070

2. Quantity and Value of Fish Caught and Landed and Marketed, Nova Scotia, 1930 and 1931. - Con.

Kind of Fish	1930		1931	
	Quantity	Value \$	Quantity	Value \$
Herring, caught cwt.	204,745	209,482	185,751	152,858
Marketed -				
Used fresh cwt.	73,467	200,499	44,342	106,754
Boneless cwt.	8	80	-	-
Canned (kippered) ... cases	-	-	400	4,000
Smoked, round cwt.	6,419	33,591	2,101	4,835
Kippered cwt.	-	-	2,887	26,297
Pickled bbl.	10,621	55,627	9,095	46,093
Used as bait bbl.	49,780	145,705	55,927	147,033
Fertilizer bbl.	129	308	171	189
Total value marketed ..	-	435,810	-	335,201
Mackerel, caught cwt.	130,359	314,767	137,038	207,505
Marketed -				
Used fresh cwt.	24,979	125,184	60,613	184,850
Canned cases	40	140	25	100
Smoked cwt.	131	846	3	18
Pickled bbl.	35,028	305,373	23,836	170,073
Salted fillets bbl.	-	-	704	11,343
Used as bait bbl.	-	-	995	2,027
Total value marketed ..	-	431,543	-	368,411
Alewives, caught cwt.	30,719	29,336	29,728	25,707
Marketed -				
Used fresh cwt.	10,649	15,505	16,909	22,521
Smoked cwt.	165	280	908	1,060
Salted bbl.	3,008	13,665	3,867	14,922
Used as bait bbl.	5,736	9,549	185	370
Total value marketed ..	-	38,799	-	38,873
Bass, caught cwt.	31	330	140	1,400
Marketed fresh cwt.	31	350	140	1,710
Perch, caught cwt.	52	100	78	135
Marketed fresh cwt.	52	120	78	150
Salmon, caught cwt.	14,198	192,095	9,825	114,279
Marketed -				
Used fresh cwt.	12,893	229,933	9,350	146,793
Canned cases	1,459	18,244	440	3,963
Smoked cwt.	55	1,785	62	1,760
Total value marketed ..	-	249,962	-	152,516
Shad, caught cwt.	440	5,347	1,257	9,370
Marketed -				
Used fresh cwt.	384	6,617	973	10,559
Salted bbl.	22	550	95	1,680
Total value marketed ..	-	7,167	-	12,019

2. Quantity and Value of Fish Caught and Landed and Marketed, Nova Scotia, 1930 and 1931. - Con.

Kind of Fish	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
Smelts, caught cwt.	7,906 ^{1/}	88,725	7,918 ^{1/}	72,061
Marketed fresh cwt.	8,192	136,909	7,935	103,950
Sturgeon, caught cwt.	225	675	-	-
Marketed fresh cwt.	225	1,350	-	-
Albacore, caught cwt.	2,666	12,130	1,561	5,959
Marketed fresh cwt.	2,666	16,761	1,561	7,566
Eels, caught cwt.	1,666	12,530	1,333	8,554
Marketed fresh cwt.	1,666	17,091	1,333	10,636
Grayfish, caught cwt.	700 ^{2/}	140	600 ^{2/}	150
Squid, caught bbl.	5,965	17,041	954	2,337
Marketed -				
Used as bait bbl.	5,965	28,847	954	3,828
Swordfish, caught cwt.	11,933	159,145	12,629	140,039
Marketed fresh cwt.	11,933	214,806	12,629	236,617
Tom Cod, caught cwt.	359	460	239	224
Marketed fresh cwt.	359	660	239	396
Mixed Fish, caught cwt.	79,512 ^{3/}	10,380	86,874 ^{3/}	17,374
Clams and Quahangs, caught bbl.	10,683	17,155	19,819	33,909
Marketed -				
Used fresh bbl.	7,210	13,641	16,824	36,227
Canned cases	4,088	22,794	2,995	15,343
Total value marketed .	-	36,435	-	51,570
Crabs, caught cwt.	80	160	100	200
Marketed fresh cwt.	80	240	100	300
Mussels, caught cwt.	-	-	1	2
Marketed fresh cwt.	-	-	1	2
Lobsters, caught cwt.	208,201	2,204,153	223,649	1,846,037
Marketed -				
In shell cwt.	85,885	1,645,812	96,793	1,500,883
Meat cwt.	209	12,100	322	17,560
Canned cases	63,422	1,567,957	63,940	1,156,038
Tomalley cases	2,089	20,215	3,754	51,139
Total value marketed .	-	3,046,084	-	2,725,620

1/ Excess brought in from other provinces.

2/ Used in the production of fish oil and meal.

3/ " " " " " " " " " " " "

2. Quantity and Value of Fish Caught and Landed and Marketed, Nova Scotia,
1930 and 1931. - Con.

Kind of Fish	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
Oysters, caught bbl.	1,995	12,142	2,013	11,776
Marketed fresh bbl.	1,995	15,166	2,013	14,806
Scallops, caught bbl.	16,488	76,476	10,350	33,686
Marketed -				
Shelled gal.	32,411	79,796	20,692	36,364
Canned cases	195	1,823	-	-
Total value marketed .	-	81,619	-	36,364
Tongues and Sounds,				
pickled or dried cwt.	876	3,114	736	2,667
Winkles, caught cwt.	492	864	617	1,000
Marketed fresh cwt.	492	864	617	1,000
Dulse, green cwt.	88	440	48	240
Marketed dried cwt.	45	1,100	24	480
Sea weed, green cwt.	-	-	80	80
Marketed dried cwt.	-	-	20	80
Hair Seals, caught No.	3,170	4,683	2,400	4,927
Marketed -				
Skins No.	3,170	4,936	2,400	5,462
Oil gal.	2,376	953	75	37
Total value marketed .	-	5,889	-	5,499
Miscellaneous Products -				
Fish oil, n.e.s. gal.	13,839	7,402	8,715	1,331
Fish glue gal.	4,465	3,649	-	-
Fish meal, n.e.s. ton	5,218	207,920	10,639	193,497
Fish fertilizer, n.e.s. ton	90	2,870	64	1,856
Fish offal ton	11,015	50,899	4,845	11,162
Fish skins and bones . cwt.	30,067	29,478	16,670	23,430
Other products	-	985	-	12,058
Total Value of Sea Fisheries -				
Caught and landed		6,842,953	-	4,833,900
Marketed		10,411,202	-	7,986,194

3. Quantity and Value of Chief Commercial Fishes, Nova Scotia, 1928-1931.

Kind of Fish		1928	1929	1930	1931	Increase or Decrease 1931 compared with 1930	
						/ Increase	- Decrease
Lobsters	cwt.	172,409	190,035	208,201	223,649	/	15,448
	\$	3,048,255	3,210,504	3,046,084	2,725,620	-	320,464
Cod	cwt.	1,470,172	1,297,841	1,065,133	816,140	-	248,993
	\$	4,398,019	3,484,583	2,685,879	1,671,201	-	1,014,678
Haddock	cwt.	445,950	516,149	471,639	349,558	-	122,081
	\$	1,654,977	1,863,947	1,798,330	1,325,919	-	472,411
Halibut	cwt.	25,768	30,971	27,258	27,978	/	720
	\$	434,110	506,976	419,761	395,632	-	26,129
Mackerel	cwt.	71,440	107,385	130,359	157,038	/	6,679
	\$	369,752	387,179	431,543	368,411	-	63,132
Herring	cwt.	166,398	237,738	204,745	185,751	-	18,994
	\$	368,221	525,963	435,810	335,201	-	100,609
Swordfish	cwt.	8,088	6,336	11,933	12,629	/	696
	\$	132,345	98,241	214,806	236,617	/	21,811
Salmon	cwt.	7,059	7,556	14,198	9,825	-	4,373
	\$	138,681	155,651	249,962	152,516	-	97,446
Hake and Cusk	cwt.	158,744	184,713	190,203	103,384	-	86,819
	\$	268,577	321,772	313,212	130,599	-	182,613
Smelts	cwt.	6,089	7,184	7,906	7,918	/	12
	\$	103,535	119,659	136,909	103,950	-	32,959

4. Capital Equipment, Nova Scotia, 1930 and 1931.

In Primary Operations	1 9 3 0		1 9 3 1	
	No.	Value	No.	Value
		\$		\$
Steam trawlers	7	410,000	7	265,000
Steam vessels and tugs	2	6,000	2	6,000
Sailing and gasoline vessels	345	1,847,594	328	1,472,089
Sail and row boats	4,805	109,491	4,597	101,239
Gasoline boats	5,319	1,454,434	5,303	1,464,170
Carrying smacks and scows	167	221,050	160	211,710
Gill nets	41,122	488,884	42,450	492,484
Salmon drift nets	73	11,823	48	5,920
Salmon trap nets	267	71,115	348	86,600
Trap nets, other	493	220,590	430	218,940
Smelt nets	4,251	41,589	4,725	44,388
Weirs	70	19,095	75	20,065
Seines	284	34,330	264	30,995
Tubs of trawl	14,747	207,702	16,408	211,276
Hand lines	21,603	23,029	21,999	23,405
Crab traps	100	100	100	100
Eel traps	416	1,847	461	1,162
Lobster traps	878,593	1,234,893	919,772	1,244,355
Lobster pounds	33	18,050	31	18,225
Oyster rakes	280	924	240	769
Scallop drags	276	6,621	240	5,679
Quahaug rakes	20	20	-	-
Fishing piers and wharves	1,079	557,830	1,061	523,380
Freezers and ice houses	238	68,000	240	69,915
Small fish and smoke houses	3,499	288,468	3,517	295,258
TOTAL	-	7,343,479	-	6,813,124

In Fish Canning and Curing	1 9 3 0		1 9 3 1	
	No.	Value	No.	Value
		\$		\$
Lobster canneries	106	633,365	97	657,503
Salmon cannery	1)		1)	
Clam canneries	6)	15,261	4)	9,060
Other fish canneries	6	200,059	7	277,882
Fish curing establishments	101	2,815,982	94	2,348,823
Reduction plants	8	236,594	4	126,413
TOTAL	228	3,901,261	207	3,419,681

5. Employees, Nova Scotia, 1930 and 1931.

Employees	1 9 3 0	1 9 3 1
	No.	No.
Men employed on vessels, boats, etc.	15,265	15,527
Persons employed in fish canning and curing establishments 1/	3,885	1,726
TOTAL	19,150	17,253

6. Number of Employees in Fish Canning and Curing Establishments, Nova Scotia, by Months, 1930 and 1931.

Month	1 9 3 0			1 9 3 1		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	898	24	922	879	28	907
February	676	16	692	762	21	783
March	962	140	1,102	853	113	966
April	1,471	452	1,923	1,319	347	1,666
May	2,338	1,316	3,654	2,211	1,261	3,472
June	2,345	1,222	3,567	2,115	1,184	3,299
July	1,454	264	1,718	1,256	283	1,539
August	1,193	145	1,338	1,051	132	1,183
September	1,175	132	1,307	897	100	997
October	1,091	123	1,214	904	108	1,012
November	1,241	95	1,336	1,101	48	1,149
December	1,150	63	1,213	926	41	967

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.

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