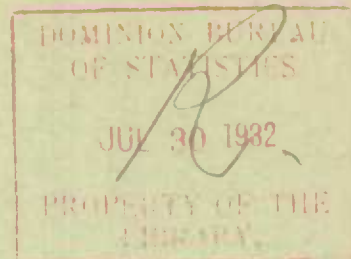


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
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ADVANCE REPORT
ON THE
FISHERIES
OF
QUEBEC
1931

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

The following report on the fisheries of the province of Quebec, for the year 1931, is issued by the Dominion Bureau of Statistics in co-operation with the Dominion Department of Fisheries and the Quebec Department of Colonization, Game and Fisheries.

PRODUCTION

The Quebec fisheries in 1931 had a product valued at \$1,952,894, compared with \$2,502,998 in 1930 and \$2,933,339 in 1929. These totals represent the value of the fish as marketed, whether sold for consumption fresh, or canned, cured or otherwise prepared. The decrease in value shown by the 1931 returns is due to lower prices received for the product, as the total quantity of fish caught was greater in 1931 than in 1930. The quantity of cod caught increased from 392,642 cwt. in 1930 to 421,060 cwt. in 1931, but the marketed value dropped from \$1,073,836 to \$730,410: herring increased in catch from 227,173 cwt. to 258,545 cwt., but decreased in value from \$249,708 to \$234,923: eels increased in catch from 13,154 cwt. to 17,322, and dropped in value from \$118,583 to \$106,424. In order of value of product in 1931, cod is first, herring second and lobster third. To the total value of product in 1931, the sea fisheries contributed \$1,469,677 and the inland fisheries, \$483,217.

The total catch of fish for the province in 1931 amounted to 850,766 cwt., with a value to the fishermen of \$1,636,576, compared with a catch of 772,266 cwt. and a value to the fishermen of \$2,199,274 in 1930.

CAPITAL EQUIPMENT AND EMPLOYEES

Capital. - The capital investment of the fisheries of Quebec in 1931 was valued at \$2,639,960, apportioned as follows: value of vessels, boats and gear employed in the sea fisheries, \$2,051,814; value of boats and gear used in the inland fisheries, \$284,177; and capital invested in fish canning and curing establishments, \$303,969. The number of establishments in operation in 1931 included 50 lobster canneries, 12 salmon canneries, 31 fish curing establishments and one reduction plant. Most of the establishments are of small size, the average capital investment being around \$3,000.

Employees. - The number of men engaged in catching and landing the fish in 1931 was 10,925 for the sea fisheries and 1,818 for the inland fisheries, a total of 12,743. In fish canning and curing establishments the average number of persons employed during the year was 388. For certain months of the year, however, the number recorded is much greater: for instance, the number of persons employed in May was 920; in June, 965; in July, 852; and in August, 455. After August the number gradually lessened, until in December only three employees were reported for the establishments.

TABLES

The following tables show (1) total value of the product of the fisheries for the years 1922 to 1931; (2) quantity and value of each kind of fish as caught and landed and marketed; (3) quantity of the catch and marketed value of the principal kinds of fish; (4) capital equipment; and (5) and (6) employees.

1. Value of the Fisheries of Quebec, 1922-1931

Year	Value \$	Year	Value \$
1922	2,089,414	1927	2,736,450
1923	2,100,412	1928	2,996,614
1924	2,283,314	1929	2,933,339
1925	3,044,919	1930	2,502,998
1926	3,110,964	1931	1,952,894

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

Kind of Fish	Sea Fisheries			
	1930		1931	
	Quantity	Value \$	Quantity	Value \$
Cod, caught	cwt. 392,642	929,850	421,060	584,154
Marketed -				
Used fresh	cwt. 9,262	39,986	13,244	44,577
Fresh fillets	cwt. 518	5,180	420	3,530
Green salted	cwt. 43,431	165,280	51,536	170,824
Dried	cwt. 97,142	809,008	100,738	489,093
Boneless	cwt. 920	7,820	25	250
Cod liver oil,				
medicinal	gal. 28,660	23,651	21,552	13,171
Cod oil	gal. 50,777	22,911	41,719	8,965
Total value marketed.	-	1,073,836	-	730,410
Halibut, caught	cwt. 451	3,202	273	1,733
Marketed fresh	cwt. 451	3,312	273	1,733
Flounders, caught	cwt. -	-	55	165
Marketed fresh	cwt. -	-	55	165
Skate, caught	cwt. -	-	102	516
Marketed fresh	cwt. -	-	102	516
Herring, caught	cwt. 221,732	140,103	241,597	154,416
Marketed -				
Used fresh	cwt. 9,170	35,636	13,545	51,689
Smoked	cwt. 20,788	74,939	18,230	53,724
Pickled	bbl. 6,920	42,964	8,907	46,285

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

Kind of Fish	Sea Fisheries			
	1 9 3 0		1 9 3 1	
	Quantity	Value	Quantity	Value
		\$		\$
Herring, caught - Cont'd.				
Marketed -				
Used as bait bbl.	53,801	56,416	51,192	45,573
Fertilizer bbl.	13,915	9,472	29,530	13,834
Total value marketed .	-	219,427	-	211,105
Mackerel, caught cwt.	31,452	87,435	43,174	63,474
Marketed -				
Used fresh cwt.	1,023	3,760	1,519	2,831
Pickled bbl.	10,136	96,929	13,885	83,316
Total value marketed .	-	100,689	-	86,147
Sardines, caught bbl.	35	145	87	350
Marketed fresh and salted bbl.	35	145	87	350
Alewives, caught cwt.	-	-	2	6
Marketed fresh cwt.	-	-	2	6
Salmon, caught cwt.	16,856	186,944	16,458	125,008
Marketed -				
Used fresh cwt.	13,468	177,743	12,435	120,159
Canned cases	227	2,407	1,153	8,096
Smoked cwt.	-	-	10	200
Pickled cwt.	1,611	12,855	1,949	9,559
Total value marketed .	-	193,005	-	138,014
Shad, caught cwt.	-	-	1	5
Marketed fresh cwt.	-	-	1	5
Smelts, ^{1/} caught cwt.	3,409	32,911	3,704	30,149
Marketed fresh cwt.	2,575	26,104	3,689	35,994
Sturgeon, caught cwt.	24	240	48	432
Marketed fresh cwt.	24	240	48	432
Caplin and lance, caught bbl.	2,598	4,675	4,719	6,387
Marketed fresh bbl.	2,598	4,675	4,719	7,214
Eels, caught cwt.	420	2,644	361	2,784
Marketed fresh cwt.	420	2,644	361	2,784
Squid, caught bbl.	607	2,527	759	2,286
Marketed - Used as bait bbl.	607	2,527	759	2,286
Tom Cod, caught cwt.	190	305	100	150
Marketed fresh cwt.	190	305	100	150
1/ Sent to Nova Scotia and included with marketed in that province.				

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

Kind of Fish	Sea Fisheries			
	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
Mixed Fish, caught. cwt.	5,877	29,317	7,350	36,650
Marketed fresh cwt.	5,877	29,317	7,350	36,650
Clams and Quahaugs bbl.	2,668	15,138	2,254	12,282
Marketed fresh bbl.	2,668	15,138	2,254	12,282
Lobsters, caught cwt.	27,677	216,303	22,703	119,474
Marketed -				
Used fresh cwt.	1,085	15,335	741	7,550
Meat cwt.	-	-	5	180
Canned cases	11,769	251,592	9,190	172,718
Tomalley cases	42	409	22	161
Total value marketed	-	267,336	-	180,609
Scallops, caught bbl.	753	4,330	513	2,565
Marketed -				
Shelled gal.	1,506	4,477	850	2,125
Canned cases	-	-	44	440
Total value marketed	-	4,477	-	2,565
Tongues and Sounds, pickled or dried cwt.	37	335	18	140
Hair Seals, caught No.	6,361	16,805	6,825	9,145
Marketed -				
Skins No.	6,361	10,889	6,825	6,574
Oil gal.	20,001	8,833	21,501	4,508
Total value marketed	-	19,722	-	11,082
Porpoises, caught No.	9	200	103	1,228
Marketed -				
Skins No.	9	76	103	310
Oil gal.	300	152	4,590	918
Total value marketed	-	228	-	1,228
Miscellaneous -				
Fish oil, n.e.s. gal.	365	138	-	-
Fish meal, n.e.s. ton	198	12,488	162	7,810
Fish skins and bones cwt.	440	710	-	-
Total Value of Sea Fisheries -				
Caught and landed	-	1,673,074	-	1,153,359
Marketed	-	1,976,798	-	1,469,677

Inland Fisheries

Bass, caught cwt.	617	10,230	618	8,190
Marketed fresh cwt.	617	10,230	618	8,190

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

Kind of Fish	Inland Fisheries			
	1930	Value	1931	Value
	Quantity	\$	Quantity	\$
Carp, caught cwt.	4,783	38,900	5,216	37,223
Marketed fresh cwt.	4,783	38,900	5,216	37,223
Catfish, caught cwt.	4,243	41,640	4,739	42,372
Marketed fresh cwt.	4,243	41,640	4,739	42,372
Eels, caught cwt.	12,734	115,939	16,961	103,640
Marketed fresh cwt.	12,734	115,939	16,961	103,640
Herring, caught cwt.	5,441	50,281	16,948	23,818
Marketed fresh cwt.	5,441	30,281	16,948	23,818
Maskinonge, caught cwt.	147	3,975	187	4,167
Marketed fresh cwt.	147	3,975	187	4,167
Mixed Fish, caught cwt.	8,216	51,515	9,302	56,591
Marketed fresh cwt.	8,216	51,515	9,302	56,591
Perch, caught cwt.	3,022	26,380	3,122	20,378
Marketed fresh cwt.	3,022	26,380	3,122	20,378
Pickrel, caught cwt.	3,565	49,150	4,377	58,159
Marketed fresh cwt.	3,565	49,150	4,377	58,159
Pike, caught cwt.	2,101	18,115	2,822	23,935
Marketed fresh cwt.	2,101	18,115	2,822	23,935
Salmon, caught cwt.	349	4,849	451	6,229
Marketed fresh cwt.	349	4,849	451	6,229
Shad, caught cwt.	692	9,413	845	8,582
Marketed fresh cwt.	692	9,413	845	8,582
Smelts, caught cwt.	7,177	56,334	6,616	32,744
Marketed fresh cwt.	7,177	56,334	6,616	32,744
Sturgeon, caught cwt.	3,138	49,597	2,894	38,402
Marketed fresh cwt.	3,138	49,597	2,894	38,402
Whitefish, caught cwt.	1,989	19,882	2,016	18,787
Marketed fresh cwt.	1,989	19,882	2,016	18,787
Total Value of Inland Fisheries -				
Caught and landed	-	526,200	-	483,217
Marketed	-	526,200	-	483,217
Total Value of All Fisheries -				
Caught and landed	-	2,199,274	-	1,636,576
Marketed	-	2,502,998	-	1,952,894

3. Quantity^{1/} and Value^{2/} of Chief Commercial Fishes, Quebec, 1928 to 1931.

Kind of Fish	1 9 2 8	1 9 2 9	1 9 3 0	1 9 3 1	Increase or Decrease 1931 compared with 1930	
					/ Increase	- Decrease
Cod cwt.	469,924	490,062	392,642	421,060	/	28,418
\$	1,351,501	1,386,963	1,073,836	730,410	-	343,426
Herring cwt.	258,245	230,433	227,173	258,545	/	31,372
\$	256,015	291,485	249,708	234,923	-	14,785
Lobsters cwt.	26,445	27,333	27,677	32,703	-	4,904
\$	346,415	311,036	267,336	180,609	-	86,727
Salmon cwt.	8,159	10,067	17,205	16,909	-	296
\$	100,007	137,404	197,854	144,243	-	53,611
Eels cwt.	21,871	11,929	13,154	17,322	/	4,168
\$	192,075	109,522	118,583	106,424	-	12,159
Mackerel cwt.	23,520	22,967	31,452	43,174	/	11,722
\$	78,548	72,466	100,689	86,147	-	14,542
Smelts cwt.	12,018	15,588	10,586	10,320	-	266
\$	101,820	139,141	82,438	68,738	-	13,700

1/ Quantity caught.

2/ Value marketed.

4. Capital Equipment, Quebec, 1930 and 1931.

In Primary Operations	Sea Fisheries			
	1 9 3 0	Value	1 9 3 1	Value
	No.		No.	
		\$		\$
Sailing and gasoline vessels	11	9,100	20	12,350
Sail and row boats	2,168	75,229	2,444	80,190
Gasoline boats	2,980	935,885	3,196	916,250
Carrying smacks and scows	4	2,000	10	5,000
Gill nets	13,948	353,090	14,279	359,601
Salmon trap nets	45	32,100	45	32,100
Trap nets, other	223	134,980	193	109,480
Seines	224	32,125	183	27,605
Smelt nets	2,693	36,530	2,263	36,385
Weirs	4	80	4	80
Tubs of trawl	3,547	55,789	3,939	60,195
Hand lines	19,260	22,382	20,655	23,464
Lobster traps	112,916	168,118	98,979	147,179
Lobster pounds	2	890	2	890
Scallop drags	12	2,615	16	2,615
Fishing piers and wharves	243	39,125	247	40,875
Ice houses	250	75,680	270	74,765
Small fish and smoke houses	1,984	120,270	2,077	122,790
Total Value	-	2,095,988	-	2,051,814

In Primary Operations	Inland Fisheries			
	1 9 3 0	Value	1 9 3 1	Value
	No.		No.	
		\$		\$
Sail and row boats	1,219	41,438	1,240	42,192
Gasoline boats	145	33,825	180	46,110
Gill nets	515	48,282	592	47,323
Weirs	1,169	122,269	1,240	119,475
Hand lines	1,116	9,546	783	3,042
Freezers and ice houses	288	19,938	186	22,690
Small fish and smoke houses	93	4,158	122	3,345
Total Value	-	279,456	-	284,177

In Fish Canning and Curing	Sea Fisheries			
	1 9 3 0	Value	1 9 3 1	Value
	No.		No.	
		\$		\$
Lobster canneries	44	78,882	50	76,617
Salmon canneries	7	6,628	12	2,058
Fish curing establishments	34)		31)	
Reduction plants	1)	425,893	1)	225,294
Total Value	86	511,403	94	303,969

5. Number of Employees, Quebec, 1930 and 1931

Employees	1 9 3 0		1 9 3 1	
	Sea No.	Inland No.	Sea No.	Inland No.
Men employed on vessels, boats, etc.	9,736	1,490	10,925	1,818
Persons employed in fish canning and curing establishments	1,007	-	388	-
Total	10,743	1,490	11,313	1,818

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

Month	1 9 3 0			1 9 3 1		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
January	2	-	2	-	-	-
February	2	-	2	-	-	-
March	3	-	3	10	-	10
April	64	3	67	110	6	116
May	526	356	882	494	426	920
June	666	324	990	637	328	965
July	637	317	954	601	251	852
August	406	31	437	409	46	455
September	251	18	269	307	2	309
October	139	1	140	191	3	194
November	73	-	73	87	-	87
December	12	-	12	3	-	3

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