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FISHERIES AND ANIMAL PRODUCTS STATISTICS

ADVANCE REPORT
ON THE
FISHERIES
OF
QUEBEC
1945



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Fisheries and Animal Products Statistics

Dominion Statistician:
Chief, Fisheries and Animal Products Statistics:

Herbert Marshall
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ADVANCE REPORT ON THE FISHERIES OF QUEBEC, 1945.

The following report on the fisheries of Quebec for the year 1945 is issued by the Dominion Bureau of Statistics in co-operation with the Quebec Bureau of Statistics.

PRODUCTION

The fisheries production of Quebec was valued at \$7,727,222 in 1945 an increase of 44 p.c. as compared with 1944. Of the total increase of \$2,439,058 in the sea fisheries, cod accounted for \$1,800,293. The inland fisheries declined in value by \$73,403. The sea fisheries contributed \$7,438,330 or 96 p.c., to the total marketed value, the contribution of the inland fisheries being \$288,892 or 4 p.c. Cod is the chief fish in marketed value, at \$4,616,015, or 60 p.c. of the total, followed by mackerel, at \$796,391, or 10 p.c., and lobsters at \$741,916, or 10 p.c.

The quantity of fish of all kinds, including shell fish, taken by Quebec fishermen during the year totalled 1,235,779 cwt., with a value at the point of landing of \$4,807,406, compared with a catch of 1,028,860 cwt., and a landed value of \$3,973,790 in 1944.

CAPITAL EQUIPMENT AND EMPLOYEES

Capital. - The capital investment of the fisheries of Quebec in 1945 had a total value of \$4,565,737 of which the value of the vessels, boats, nets, traps, piers and wharves, etc. employed in the primary operations of catching and landing the fish accounted for \$2,457,956 and the amount invested in fish processing establishments, for \$2,107,781.

Employees. - The fisheries industry of the province furnished employment during the year to a total of 10,643 persons, of which 8,661 are classified as fishermen and 1,982 as employees of fish processing establishments. This was a decrease of 159 fishermen and an increase of 175 persons in the processing establishments.

QUEBEC FISHERIES

1. - Quantity and Value of Fish Caught and Marketed, 1944 and 1945

Kind of Fish		Sea Fisheries			
		1 9 4 4		1 9 4 5	
		Quantity	Value	Quantity	Value
			\$		\$
Cod, caught and landed	cwt.	495,798	1,866,766	658,917	2,674,137
Cod livers, landed	cwt.	33,995	62,987	26,928	152,176
Cod tongues, landed	cwt.	496	4,108	-	-
Marketed -					
Fresh, whole 1/	cwt.	10,681	65,159	10,444	74,437
Fresh fillets 1/	cwt.	80,196	1,418,291	5,223	103,803
Frozen, whole 1/	cwt.	1/		3,997	44,886
Frozen fillets 1/	cwt.	1/		112,864	2,199,171
Green-salted	cwt.	47,414	390,113	49,790	478,896
Canned	cases	7,519	67,368	8,923	78,880
Smoked, whole	cwt.	-	-	359	7,177
Smoked fillets	cwt.	94	2,291	1,003	22,771
Pickled fillets	cwt.	-	-	2,331	35,865
Dried	cwt.	31,648	382,690	41,501	522,165
Boneless	cwt.	7,016	146,578	9,887	230,752
Flank fillets, frozen	cwt.	-	-	585	8,638
Flanks and scraps, salted	cwt.	-	-	344	734
Cod bits	cwt.	304	3,772	779	6,651
Livers, canned	cases	329	2,698	332	7,893
Livers	cwt.	-	-	19,436	59,142
Tongues, canned	cases	70	661	-	-
Tongues, salted	cwt.	-	-	176	1,437
Liver meal	ton	153	13,969	125	15,625
Body meal	ton	-	-	824	56,071
Liver oil, medicinal	gal.	110,904	304,386	186,958	592,173
Liver oil, crude	gal.	16,237	17,746	51,718	68,848
Total value marketed		-	2,815,722	-	4,616,015
Hake, caught and landed	cwt.	3,626	17,126	4,689	12,621
Marketed -					
Used fresh	cwt.	9	51	80	1,060
Fresh fillets 1/	cwt.	668	9,091	369	4,353
Frozen fillets 1/	cwt.	1/		341	4,993
Green-salted	cwt.	69	624	5	48
Smoked, whole	cwt.	-	-	76	608
Smoked fillets	cwt.	18	270	150	2,700
Dried	cwt.	470	6,244	547	6,468
Total value marketed		-	16,280	-	20,230
Halibut, caught and landed	cwt.	1,699	31,407	1,613	26,144
Halibut livers, landed	cwt.	307	1,500	52	537
Marketed -					
Used fresh 1/	cwt.	1,595	30,744	821	21,428
Frozen 1/	cwt.	1/		711	16,014

1/ Not given separately prior to 1945

QUEBEC FISHERIES

1. - Quantity and Value of Fish Caught and Marketed, 1944 and 1945 - con.

Kind of Fish		Sea Fisheries			
		1944		1945	
		Quantity	Value	Quantity	Value
			\$		\$
Halibut, caught and landed - con.					
Canned	cases	62	874	17	235
Pickled	cwt.	2	29	11	211
Livers	cwt.	-	-	83	1,221
Oil	gal.	-	-	115	15,168
Total value marketed		-	31,647	-	54,277
Canadian Plaice, caught and landed	cwt.	2,826	11,286	4,200	18,143
Marketed -					
Used fresh 1/	cwt.	1,883	13,559	112	649
Fresh fillets 1/	cwt.	315	6,949	77	2,058
Frozen, whole 1/	cwt.	1/		718	5,209
Frozen fillets 1/	cwt.	1/		776	20,807
Total value marketed		-	20,508	-	28,723
Skate, caught and landed	cwt.	39	39	-	-
Marketed, fresh fillets	cwt.	13	230	-	-
Herring, caught and landed	cwt.	321,676	233,321	374,902	261,071
Marketed -					
Fresh, round 1/	cwt.	7,573	21,254	25,411	20,739
Frozen round 1/	cwt.	1/		2,782	20,898
Marinated, round	cwt.	-	-	4,642	34,815
Smoked, round 2/	cwt.	20,116	205,290	140	280
Smoked (bloaters) 2/	cwt.	2/		25,422	273,871
Smoked (bloaters) fillets	cwt.	-	-	2	50
Canned, round	cases	623	2,970	2,494	13,308
Canned, Kipperd snacks	cases	-	-	3,698	19,895
Kipperd	cwt.	660	9,900	1,006	17,052
Pickled	bb1.	13,702	120,577	9,889	110,619
Used as bait	bb1.	64,312	50,959	93,378	87,979
Fertilizer	bb1.	46,691	23,754	32,788	18,964
Total value marketed		-	434,704	-	618,470
Sardines, caught and landed	bb1.	319	1,898	116	401
Marketed -					
Fresh 1/	bb1.	1/		17	212
Salted 1/	bb1.	1/		66	267
Fresh and salted 1/	bb1.	252	2,117	1/	
Total value marketed		-	2,117	-	479

1/ Not given separately prior to 1945

2/ Included with smoked, round 1944

QUEBEC FISHERIES

1. - Quantity and Value of Fish Caught and Marketed, 1944 and 1945 - con.

Kind of Fish		Sea Fisheries			
		1944		1945	
		Quantity	Value	Quantity	Value
			\$		\$
Mackerel, caught and landed	cwt.	85,874	498,081	101,213	461,986
Marketed -					
Fresh, round 1/	cwt.	4,279	24,938	1,275	7,531
Fresh fillets 1/	cwt.	428	5,188	45	1,397
Frozen, round 1/	cwt.	1/		3,112	21,686
Frozen fillets 1/	cwt.	1/		447	8,394
Pickled	bb1.	14,864	246,620	16,636	307,921
Fillets, salted	bb1.	6,976	195,554	5,475	176,288
Canned	cases	11,662	100,344	30,416	272,695
Used as bait	bb1.	87	125	290	479
Total value marketed		-	572,769	-	796,391
Salmon, caught and landed	cwt.	9,474	200,933	7,595	151,518
Marketed -					
Used Fresh 1/	cwt.	7,880	178,744	5,902	146,883
Frozen 1/	cwt.	1/		665	19,999
Canned	cases	1,222	21,183	931	16,312
Smoked	cwt.	13	718	22	1,430
Pickled	bb1.	48	549	28	1,160
Total value marketed		-	201,194	-	185,784
Shad, caught and landed	cwt.	192	527	265	1,519
Marketed -					
Used fresh 1/	cwt.	181	1,110	197	1,343
Frozen 1/	cwt.	1/		54	607
Total value marketed		-	1,110	-	1,950
Smelts, caught and landed	cwt.	5,112	65,853	5,686	66,721
Marketed -					
Used fresh 1/	cwt.	4,703	70,331	2,325	31,901
Frozen 1/	cwt.	1/		3,454	75,564
Total value marketed		-	70,331	-	107,465
Sturgeon, caught and landed	cwt.	60	506	33	330
Marketed fresh	cwt.	60	506	33	330
Trout, caught and landed	cwt.	264	5,801	354	7,272
Marketed -					
Used Fresh	cwt.	98	2,508	180	3,814
Canned	cases	237	3,587	248	4,247
Total value marketed		-	6,095	-	8,061

1/ Not given separately prior to 1945

QUEBEC FISHERIES

1. - Quantity and Value of Fish Caught and Marketed, 1944 and 1945 - con.

Kind of Fish		Sea Fisheries			
		1 9 4 4		1 9 4 5	
		Quantity	Value	Quantity	Value
			\$		\$
Capelin, Launce and Silversides, caught and landed	cwt.	8,728	8,285	10,795	5,723
Marketed -					
Used fresh	cwt.	3,583	2,540	10,768	5,683
Dried	cwt.	1,715	5,745	9	40
Total value marketed		-	8,285	-	5,723
Eels, caught and landed	cwt.	134	1,380	20	200
Marketed fresh	cwt.	134	1,380	20	200
Squid, caught and landed	cwt.	20	20	968	1,843
Marketed, Used as bait	cwt.	20	20	968	1,843
Tom cod, caught and landed	cwt.	5,804	17,420	425	3,400
Marketed -					
Used fresh 1/	cwt.	5,805	17,433	175	1,400
Frozen 1/	cwt.	1/		250	2,000
Total value marketed		-	17,433	-	3,400
Mixed fish, caught and landed	cwt.	4,500	36,000	12	109
Marketed fresh	cwt.	4,500	36,000	12	109
Clams, caught and landed	cwt.	9,418	21,805	7,828	16,003
Marketed -					
In shell	cwt.	6,352	9,335	6,472	12,717
Canned	cases	1,564	16,450	678	6,809
Total value marketed		-	25,785	-	19,526
Lobsters, caught and landed	cwt.	24,315	430,597	25,843	520,130
Marketed -					
In shell	cwt.	8,745	165,262	12,879	369,481
Meat	cwt.	1	100	314	43,960
Canned	cases	7,784	349,687	5,791	313,548
Tomalley	cases	365	8,974	597	14,927
Total value marketed		-	524,023	-	741,916
Scallops caught and landed	gal.	600	480	540	150
Marketed, canned	cases	30	489	18	216
Tongues and Sounds, pickled or dried	cwt.	287	3,750	-	-

1/ Not given separately prior to 1945

QUEBEC FISHERIES

1. - Quantity and Value of Fish Caught and Marketed, 1944 and 1945 - con.

Kind of Fish		Sea Fisheries			
		1 9 4 4		1 9 4 5	
		Quantity	Value	Quantity	Value
			\$		\$
Hair seals, caught and landed	No.	21,350	90,002	26,301	134,570
Marketed -					
Skins	No.	21,350	64,020	26,301	123,118
Oil	gal.	110,775	92,147	106,069	98,236
Total value marketed		-	156,167	-	221,354
Belugas, caught and landed	No.	89	3,367	66	1,810
Marketed -					
Skins	No.	89	644	66	528
Oil	gal.	4,545	2,723	2,910	1,282
Total value marketed		-	3,367	-	1,810
Miscellaneous -					
Fish meal	ton	518	36,232	-	-
Fish offal	ton	984	2,045	186	447
Fish skins and bones	cwt.	640	1,883	2,011	3,081
Other products		-	9,200	-	530
Total Value of Sea Fish -					
Caught and landed		-	3,611,495	-	4,518,514
Marketed		-	4,999,272	-	7,438,330
Kind of Fish		Inland Fisheries			
		1 9 4 4		1 9 4 5	
		Quantity	Value	Quantity	Value
			\$		\$
Bass, caught and landed	cwt.	601	9,264	62	1,101
Marketed fresh	cwt.	601	9,264	62	1,101
Carp, caught and landed	cwt.	3,402	25,357	3,271	24,066
Marketed fresh	cwt.	3,402	25,357	3,271	24,066
Catfish, caught and landed	cwt.	4,382	40,084	6,083	71,813
Marketed fresh	cwt.	4,382	40,084	6,083	71,813
Eels, caught and landed	cwt.	6,339	57,059	6,782	67,139
Marketed fresh	cwt.	6,339	57,059	6,782	67,139
Herring, caught and landed	cwt.	8,308	23,632	841	1,961
Marketed fresh	cwt.	8,308	23,632	841	1,961
Mixed fish, caught and landed	cwt.	11,491	72,306	2,497	7,032
Marketed fresh	cwt.	11,491	72,306	2,497	7,032
Perch, caught and landed	cwt.	2,679	15,234	2,747	19,086
Marketed fresh	cwt.	2,679	15,234	2,747	19,086
Pickrel or dore, caught and landed	cwt.	996	14,251	1,393	24,278
Marketed fresh	cwt.	996	14,251	1,393	24,278
Pike, caught and landed	cwt.	2,760	24,941	1,739	16,016
Marketed fresh	cwt.	2,760	24,941	1,739	16,016

QUEBEC FISHERIES

1. - Quantity and Value of Fish Caught and Marketed, 1944 and 1945- conc.

Kind of Fish		Inland Fisheries			
		1944		1945	
		Quantity	Value	Quantity	Value
			\$		\$
Salmon, caught and landed	cwt.	34	680	14	428
Marketed fresh	cwt.	34	680	14	428
Sardines, caught and landed	cwt.	-	-	360	1,300
Marketed fresh	cwt.	-	-	360	1,300
Shad, caught and landed	cwt.	1,422	11,488	235	2,827
Marketed fresh	cwt.	1,422	11,488	235	2,827
Smelts, caught and landed	cwt.	720	10,504	718	7,669
Marketed fresh	cwt.	720	10,504	718	7,669
Sturgeon, caught and landed	cwt.	1,733	31,384	1,744	33,240
Marketed fresh	cwt.	1,733	31,384	1,744	33,240
Tom cod, caught and landed	cwt.	2,664	9,288	163	743
Marketed fresh	cwt.	2,664	9,288	163	743
Whitefish, caught and landed	cwt.	1,072	16,823	1,486	10,193
Marketed fresh	cwt.	1,072	16,823	1,486	10,193
Total Value of Inland Fish -					
Caught and landed		-	362,295	-	288,892
Marketed		-	362,295	-	288,892
Total Value of All Fish -					
Caught and landed		-	3,973,790	-	4,807,406
Marketed		-	5,361,567	-	7,727,222

2. - Quantity Caught and Value Marketed of the Chief Commercial Fishes, Quebec, 1942-45

Kind of Fish		1942	1943	1944	1945	Increase or decrease 1945 compared with 1944
						Increase + Decrease -
Cod	cwt.	539,773	552,040	495,798	658,917	+ 163,119
	\$	2,486,633	3,117,301	2,811,950	4,616,015	+ 1,804,065
Mackerel	cwt.	78,530	74,989	85,874	101,213	+ 15,339
	\$	320,381	440,617	572,769	796,391	+ 223,622
Lobsters	cwt.	17,795	19,085	24,315	25,843	+ 1,528
	\$	230,399	425,453	524,023	741,916	+ 217,893
Herring	cwt.	392,865	394,698	329,984	375,743	+ 45,759
	\$	358,535	549,474	458,336	620,431	+ 162,095
Salmon	cwt.	9,862	10,065	9,508	7,609	- 1,899
	\$	206,508	235,614	201,874	186,212	- 15,662

QUEBEC FISHERIES

2. - Quantity Caught and Value Marketed of the Chief Commercial Fishes, Quebec, 1942-45
(Concluded)

Kind of Fish		1942	1943	1944	1945	Increase or decrease 1945 compared with 1944 Increase + Decrease -
Smelts	cwt.	8,287	9,692	5,832	6,404	+ 572
	\$	101,644	135,148	80,835	115,134	+ 34,299
Catfish	cwt.	2,658	4,166	4,382	6,083	+ 1,701
	\$	12,168	33,328	40,084	71,813	+ 31,729
Eels	cwt.	10,360	14,076	6,473	6,802	+ 329
	\$	43,822	126,646	58,439	67,339	+ 8,900
Halibut	cwt.	855	566	1,699	1,613	- 86
	\$	11,269	11,377	31,647	54,277	+ 22,630
Sturgeon	cwt.	974	2,062	1,793	1,777	- 16
	\$	9,760	38,596	31,890	33,570	+ 1,680
Plaice	cwt.	3,978	4,182	2,826	4,200	+ 1,374
	\$	22,354	30,953	20,508	28,723	+ 8,215

3. - Value of the Fisheries of Quebec, 1926 - 1945

Year	Value	Year	Value
	\$		\$
1926	3,110,964	1936	2,108,404
1927	2,736,450	1937	1,892,036
1928	2,996,614	1938	1,957,279
1929	2,933,339	1939	2,010,953
1930	2,502,998	1940	2,002,053
1931	1,952,894	1941	2,842,041
1932	1,815,544	1942	4,194,092
1933	2,128,471	1943	5,632,809 ^{1/}
1934	2,306,517	1944	5,358,677
1935	1,947,259	1945	7,727,222

^{1/} Revised figure.

QUEBEC FISHERIES

4. - Capital Equipment of the Fisheries, 1944 and 1945

In Primary Operations	Sea Fisheries			
	1 9 4 4		1 9 4 5	
	Number	Value	Number	Value
		\$		\$
Trawlers	-	-	2	9,000
Gasoline vessels -				
20 to 40 tons	1	3,000	-	-
10 to 20 tons	122	98,400	165	246,900
Diesel vessels -				
10 to 20 tons	-	-	2	1,800
Boats -				
Sail and row	3,206	93,045	2,927	100,243
Gasoline	2,218	700,650	2,165	713,100
Carrying boats	17	7,300	15	14,700
Cod gill nets	481	12,396	466	10,830
Herring gill nets	7,999	199,237	7,689	191,779
Mackerel gill nets	4,689	98,840	5,557	139,180
Salmon gill nets	718	61,599	816	58,633
Salmon trap or pound nets	117	90,200	128	99,500
Seines	239	36,105	228	47,845
Trap nets, other	195	106,560	157	108,700
Smelt gill nets	2,480	10,330	2,109	11,828
Smelt bag or box nets	242	32,300	230	34,210
Weirs	267	27,340	44	3,255
Tubs of trawl	6,064	92,601	5,476	110,976
Small drag nets	-	-	2	500
Hand lines	11,407	23,005	11,368	20,571
Lobster traps	82,236	87,072	112,059	140,608
Lobster pounds	1	100	5	10,000
Scallop drags	4	140	4	140
Fishing piers and wharves	279	14,820	247	37,600
Freezers and ice houses	233	53,355	110	26,250
Small fish and smoke houses	1,286	81,336	905	67,991
Other gear	-	44,264	-	61,024
Total Value	-	1,973,995	-	2,267,163

QUEBEC FISHERIES

4. - Capital Equipment of the Fisheries, 1944 and 1945 - concluded

In Primary Operations	Inland Fisheries			
	1944		1945	
	Number	Value	Number	Value
		\$		\$
Fish carriers	32	4,670	8	1,200
Gasoline and diesel boats	82	15,810	204	40,970
Sail and row boats	955	24,849	589	21,106
Gill nets	328	12,367	301	6,639
Seines	161	5,620	103	6,211
Hoop nets	1,443	19,013	1,591	26,583
Dip and roll nets	-	-	6	147
Lines	248	1,095	1,175	1,612
Weirs	379	92,550	150	52,311
Spears	25	99	51	170
Piers and wharves	-	-	138	16,475
Freezers and ice houses	93	17,005	105	17,369
Small fish and smoke houses	25	3,550	-	-
Total Value	-	196,628	-	190,793

In Fish Processing Establishments	Sea Fisheries			
	1944		1945	
	Number	Value	Number	Value
		\$		\$
Lobster canneries	11	101,300	11	145,762
Clam cannery	1)	-	-	-
Other fish canneries	7)	76,915	6	78,680
Fish curing establishments	60	835,826	62	753,001
Fresh fish and freezing plants	14)	-	23)	-
Reduction plants	5)	854,077	6)	1,130,338
Total	98	1,868,118	108	2,107,781

5. - Employees in the Fisheries, Quebec, 1944 and 1945

	1944			1945		
	Sea	Inland	Total	Sea	Inland	Total
	No.	No.	No.	No.	No.	No.
Men employed on vessels boats, etc.	7,794	1,026	8,820	7,479	1,182	8,661
Persons employed in fish processing establishments	1,807	-	1,807	1,982	-	1,982
Total	9,601	1,026	10,627	9,461	1,182	10,643



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