

24-D-21

September, 1946

DOMINION BUREAU
OF STATISTICS

SEP 28 1946 12-1029
Price, 10 cents

Published by Authority of the Hon. James A. MacKinnon, No. P. O.,
Minister of Trade and Commerce

PROPERTY OF THE
LIBRARY

DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
Fisheries and Animal Products Statistics

Dominion Statistician: Herbert Marshall, O.B.E., B.A., F.S.S.
Chief, Fisheries and Animal Products Statistics: W. H. Lanceley.

ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1945

The following report on the fisheries of the province of British Columbia for the year 1945 is issued by the Dominion Bureau of Statistics, in co-operation with the Department of Fisheries.

PRODUCTION.-- The value of the fisheries of British Columbia in 1945 amounted to \$44,531,858, an increase of \$9,630,868, or 28 p.c. as compared with 1944. The salmon fishery, the most important single fishery in the Dominion, showed an increase of 633,930 cwt., or 59 p.c., in the quantity caught and an increase of \$4,012,418, in landed value of 55 p.c. The total marketed value of this fish was \$25,424,954, an increase of \$9,801,731 or 62 p.c. Salmon accounted for almost 57 p.c. of the total marketed value of the fisheries of the Province.

Herring came second in order of value, at \$8,423,136. There was an increase of 38 p.c. in quantity landed and of 25 p.c. in value marketed.

Halibut advanced to third place, as compared with fourth in 1944, with a marketed value of \$3,318,215.

Gray fish livers and the vitamin oil produced from them, were the fourth item in order of value, at \$2,347,631. The quantity of oil produced fell by 21 p.c. and the value by 36 p.c.

The total quantity of fish taken, including shell fish, was 5,440,291 cwt., an increase of 857,065 cwt. from the 4,583,226 cwt. taken in 1944 and the value to fishermen at the point of landing was \$21,200,645, an increase of 18 p.c. from the previous year.

CAPITAL.-- The value of the capital invested in the fisheries in 1945 was \$37,128,455, an increase of 9 p.c., over the 1944 figure of \$33,712,952. The amount invested in vessels and gear required for landing operations was \$18,193,201, and that in fish-processing establishments was \$18,935,254.

EMPLOYEES.-- There were 13,292 persons engaged in primary and 6,038 in secondary operations in 1945, a total of 19,330 for the industry. There were 829 more persons engaged in catching and landing the fish and 112 fewer persons in the processing end of the industry.

BRITISH COLUMBIA FISHERIES.

GENERAL TABLES

Summaries of the principal statistical data of the fisheries of British Columbia for the year 1945, and comparative statistics for preceding years, are contained in the following tables:-

1. Value of the Fisheries, British Columbia, 1926 to 1945.

Year	Value	Year	Value
	\$		\$
1926	27,367,109	1936	17,231,534
1927	22,890,913	1937	16,155,439
1928	26,562,727	1938	18,672,750
1929	23,930,892	1939	17,698,989
1930	23,103,302	1940	21,710,167
1931	11,108,873	1941	31,732,037
1932	9,909,116	1942	38,059,559
1933	12,001,471	1943	32,478,632
1934	15,234,335	1944	34,900,990
1935	15,169,529	1945	44,531,858

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1944 and 1945.

Kind of Fish	1944		1945	
	Quantity	Value	Quantity	Value
Cod, caught and landed cwt.	9,414	52,260	18,585	89,539
Cod livers, landed cwt.	122	908	259	1,751
Marketed -				
Fresh, whole cwt.	4,115	31,410	3,120	19,304
Frozen, whole cwt.	-	-	675	3,276
Fresh fillets cwt.	1,416	30,384	986	22,434
Frozen fillets cwt.	-	-	2,604	52,561
Smoked fillets cwt.	354	8,569	1,318	31,346
Livers cwt.	13	119	28	218
Viscera cwt.	2	15	-	-
Cod liver oil, vitamin lb.	3,794	786	3,032	762
Total value marketed	-	71,283	-	129,901
Hake, caught and landed cwt.	12	36	44	220
Marketed fresh cwt.	12	72	44	220
Whiting, caught and landed ... cwt.	54	270	13	38
Marketed fresh cwt.	54	540	13	50
Halibut, caught and landed cwt.	131,571	2,231,794	149,053	2,600,556
Halibut livers, landed cwt.	2,177	143,057	2,330	185,544
Halibut viscera, landed cwt.	3,474	59,174	3,237	59,000
Marketed -				
Fresh, whole cwt.	131,642	2,676,887	51,543	1,048,574
Frozen, whole cwt.	-	-	96,787	1,986,531
Fresh fillets cwt.	22	770	230	6,900
Frozen fillets cwt.	-	-	11	385
Livers cwt.	112	8,040	128	6,308
Viscera cwt.	205	2,501	197	3,739
Liver oil, vitamin lb.	27,207	146,915	24,058	182,597
Visceral oil, vitamin lb.	22,781	86,197	9,299	59,865
Offal oil, industrial lb.	106,260	5,775	153,878	9,378
Offal meal ton	120	7,800	186	15,938
Total value marketed	-	2,934,885	-	3,318,215
Flounders, caught and landed . cwt.	20,889	63,777	13,850	42,907
Marketed -				
Fresh, whole cwt.	17,615	109,372	4,972	22,897
Frozen, whole cwt.	-	-	665	4,638
Fresh fillets cwt.	992	22,764	148	2,790
Frozen fillets cwt.	-	-	2,387	60,461
Total value marketed	-	132,136	-	90,786

BRITISH COLUMBIA FISHERIES

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

Kind of Fish	1944		1945	
	Quantity	Value	Quantity	Value
Skate, caught and landed cwt.	818	4,153	771	2,583
Skate livers, landed cwt.	111	362	37	111
Marketeted -				
Fresh, whole cwt.	818	4,837	769	4,463
Frozen, whole cwt.	-	-	2	6
Livers cwt.	7	23	-	-
Liver oil lb.	5,030	1,006	2,092	216
Total value marketed	-	5,866	-	4,685
Soles, caught and landed cwt.	31,826	166,824	51,718	214,105
Sole livers, landed cwt.	4	120	5	150
Marketeted -				
Fresh, whole cwt.	11,465	99,207	9,939	66,686
Frozen, whole cwt.	-	-	3,125	29,195
Fresh fillets cwt.	6,787	171,821	2,935	80,402
Frozen fillets cwt.	-	-	9,327	261,617
Livers cwt.	6	195	-	-
Liver oil lb.	3	10	106	318
Total value marketed	-	271,231	-	438,219
Herring, caught and landed ... cwt.	1,871,038	1,391,980	2,576,536	1,939,050
Marketeted -				
Fresh, whole cwt.	4,963	28,516	6,623	41,419
Frozen, whole cwt.	-	-	5,714	40,823
Canned, (round) cases	1,130,527	5,387,576	1,372,614	6,490,872
Canned, kippered snacks .. cases	-	-	12,442	62,210
Bloatered cwt.	25	301	29	369
Kippered cwt.	3,579	50,467	4,162	60,663
Pickled bbl.	2,343	59,982	430	21,108
Used as bait bbl.	43,529	155,012	48,140	186,017
Meal ton	6,874	473,309	10,230	663,888
Offal meal ton	1,956	119,262	2,746	171,701
Oil, industrial lb.	4,646,430	305,287	6,312,511	416,809
Offal oil lb.	3,587,634	178,914	4,116,864	267,257
Total value marketed	-	6,758,626	-	8,423,136
Mackerel, caught and landed .. cwt.	140	500	-	-
Marketeted fresh cwt.	140	780	-	-
Pilchards, caught and landed . cwt.	1,182,325	1,063,577	687,759	619,884
Marketeted -				
Fresh, whole cwt.	1	9	-	-
Canned cases	94,164	413,577	78,854	369,160
Used as bait bbl.	1,450	6,480	92	368

BRITISH COLUMBIA FISHERIES

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

Kind of Fish	1944		1945	
	Quantity	Value	Quantity	Value
Pilchards - Con.		\$		\$
Meal ton	10,278	681,236	5,940	396,367
Oil, industrial lb.	18,050,773	1,120,879	10,686,388	673,250
Total value marketed	-	2,222,181	-	1,439,145
Anchovies, caught and landed cwt.	12,200	9,150	15,000	11,343
Marketed, canned cases	13,221	261,150	4,957	82,545
Bass, caught and landed cwt.	607	1,923	938	4,100
Marketed fresh cwt.	607	3,426	938	6,057
Perch, caught and landed ... cwt.	1,154	8,860	1,540	10,090
Marketed -				
Fresh, whole cwt.	1,154	13,741	1,446	14,892
Frozen, whole cwt.	-	-	94	1,282
Total value marketed	-	13,741		16,174
Salmon, caught and landed .. cwt.	1,075,719	7,255,524	1,709,649	11,267,942
Salmon livers, landed cwt.	68	646	-	-
Marketed -				
Fresh, whole cwt.	219,555	3,279,640	154,566	2,500,695
Frozen, whole cwt.	-	-	191,434	3,538,844
Fresh fillets cwt.	406	8,770	11,256	245,368
Canned cases	1,097,555	11,479,093	1,739,308	18,407,451
Canned (paste) cases	-	-	837	2,511
Kippered cwt.	627	16,079	1,406	38,217
Smoked cwt.	1,391	29,926	1,982	44,345
Mild-cured cwt.	19,287	673,768	13,942	458,225
Roe cwt.	50	300	1,987	10,881
Livers cwt.	21	208	-	-
Meal, offal ton	1,224	76,686	1,491	94,135
Oil, vitamin lb.	1,264	566	-	-
Oil, industrial lb.	941,507	58,187	1,311,474	84,282
Total value marketed	-	15,623,223	-	25,424,954
Shad, caught and landed cwt.	-	-	9	90
Marketed fresh cwt.	-	-	9	135
Smelts, caught and landed .. cwt.	246	2,214	420	4,200
Marketed -				
Fresh, whole cwt.	246	3,278	225	2,731
Frozen, whole cwt.	-	-	195	2,345
Total value marketed	-	3,278	-	5,076

BRITISH COLUMBIA FISHERIES

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

Kind of Fish	1944		1945	
	Quantity	Value	Quantity	Value
	\$	\$		
Sturgeon, caught and landed ... cwt.	261	3,915	310	5,893
Marketeted -				
Fresh, whole cwt.	261	3,915	303	6,346
Frozen, whole cwt.	-	-	7	175
Total value marketed	-	3,915	-	6,521
Black cod, caught and landed .. cwt.	22,325	266,938	20,987	252,694
Black cod livers, landed cwt.	476	49,515	432	60,013
Black cod viscera, landed cwt.	445	12,716	494	13,849
Marketeted -				
Fresh, whole cwt.	16,776	247,323	4,264	49,743
Frozen, whole cwt.	-	-	9,738	137,761
Fresh fillets cwt.	130	2,600	1	20
Frozen fillets cwt.	-	-	261	5,220
Smoked cwt.	2,916	83,854	2,701	78,356
Smoked fillets cwt.	-	-	400	12,000
Livers cwt.	39	4,273	19	2,782
Viscera cwt.	1	7	94	1,880
Liver oil, vitamin lb.	7,891	57,776	7,052	64,323
Viscerel oil, vitamin lb.	4,099	18,920	2,489	16,323
Total value marketed	-	414,753	-	368,408
Ling cod, caught and landed ... cwt.	84,250	830,828	79,143	739,524
Ling cod livers, landed cwt.	1,561	265,936	1,555	282,943
Ling cod, viscera, landed cwt.	1,053	10,645	1,394	11,174
Marketeted -				
Fresh, whole cwt.	51,236	658,205	42,230	527,041
Frozen, whole cwt.	-	-	4,258	53,767
Fresh fillets cwt.	10,814	269,878	1,175	29,930
Frozen fillets cwt.	-	-	8,959	225,372
Smoked cwt.	221	6,158	-	-
Smoked fillets cwt.	82	2,006	1,223	35,352
Livers cwt.	154	26,645	242	53,375
Viscera cwt.	115	1,147	126	1,224
Liver cil, vitamin lb.	20,025	310,295	19,173	232,493
Viscerel oil, vitamin lb.	11,462	8,283	15,745	8,184
Total value marketed	-	1,282,617	-	1,166,738
Red and Rock cod, caught and landed cwt.	31,637	141,592	34,157	150,985
Red and Rock cod livers, landed cwt.	319	25,419	401	32,661
Red and Rock cod viscera, landed cwt.	34	373	-	-

BRITISH COLUMBIA FISHERIES

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

Kind of Fish	1944		1945	
	Quantity	Value	Quantity	Value
Red and Rock cod, caught & landed		\$		\$
Marketed -				
Fresh, whole cwt.	8,855	64,410	12,758	82,411
Frozen, whole cwt.	-	-	1,741	10,619
Fresh fillets cwt.	7,567	187,739	988	22,418
Frozen fillets cwt.	-	-	5,178	127,913
Smoked fillets cwt.	45	1,125	330	7,590
Livers cwt.	56	4,120	25	2,922
Liver oil, vitamin lb.	2,566	27,166	5,405	30,886
Visceral oil, vitamin lb.	412	268	-	-
Total value marketed	-	284,828	-	284,759
Tuna, caught and landed cwt.	4,636	79,676	14,287	297,983
Marketed -				
Fresh, whole cwt.	4,636	93,373	8,606	194,187
Frozen, whole cwt.	-	-	5,681	125,217
Total value marketed	-	93,373	-	319,404
Grayfish, caught and landed cwt.	24,339	25,606	-	-
Grayfish livers, landed cwt.	77,696	2,661,575	58,219	1,833,210
Marketed -				
Livers cwt.	1,801	60,930	396	10,364
Liver oil, vitamin lb.	4,909,808	3,661,131	3,880,423	2,337,267
Liver oil, industrial lb.	163,103	8,263	-	-
Meal ton	330	21,136	-	-
Total value marketed	-	3,751,460	-	2,347,631
Octopus, caught and landed cwt.	200	830	662	2,672
Marketed fresh cwt.	200	1,444	662	5,802
Oulachons, caught and landed cwt.	1,741	8,383	3,046	13,107
Marketed -				
Fresh, whole cwt.	1,741	16,456	2,950	22,747
Frozen, whole cwt.	-	-	96	1,344
Total value marketed	-	16,456	-	24,091
Abalone, caught and landed cwt.	-	-	429	4,290
Marketed fresh cwt.	-	-	429	6,370
Clams, caught and landed cwt.	28,366	58,869	48,053	115,160
Marketed -				
Fresh, whole cwt.	9,869	54,195	39,834	157,965
Frozen, whole cwt.	-	-	16	152
Canned cases	12,474	120,478	4,693	47,928
Total value marketed	-	174,673	-	206,045

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1944 and 1945. - Concl'd.

Kind of Fish	1944		1945	
	Quantity	Value	Quantity	Value
Crabs, caught and landed		\$		\$
cwt.	7,204	44,095	9,030	46,228
Marketed -				
Fresh, whole	cwt.	6,627	43,585	9,030
Meat	cwt.	64	3,520	-
Canned	cases	385	5,390	-
Total value marketed	-	52,495	-	77,958
Oysters, caught and landed	gal.	49,708	129,644	35,228
Marketed -				
Shucked	gal.	49,708	149,754	35,228
Oyster shells	ton	-	-	39
Total value marketed	-	149,754	-	105,596
Shrimps, caught and landed	cwt.	388	7,937	799
Marketed fresh	cwt.	388	10,451	799
Fur seals, caught and landed ..	No.	73	730	-
Marketed skins	No.	73	730	-
Hair seals, caught and landed .	No.	20	50	-
Marketed skins	No.	20	50	-
Shark livers, landed	cwt.	2,220	245,928	1,326
Marketed -				
Soupfin shark livers	cwt.	41	12,205	19
Mudshark livers	cwt.	13	290	-
Mixed shark livers	cwt.	,9	69	-
Soupfin shark liver oil,				
vitamin	lb.	34,690	288,436	20,967
Mudshark liver oil, vitamin	lb.	80,828	28,650	40,092
Mixed shark liver oil, vitamin	lb.	9,683	5,982	8,825
Total value marketed	-	335,632	-	194,414
Ratfish livers, landed	cwt.	1,109	5,038	413
Marketed -				
Livers	cwt.	13	39	25
Liver oil	lb.	68,939	7,526	25,546
Total value marketed	-	7,565	-	2,679
Other livers and viscera landed	-	-	-	4,071
Miscellaneous:-				
Fish oil, n.e.s.	lb.	-	-	33,601
Fish meal, n.e.s.	ton	285	17,100	-
Other products	-	1,266	-	1,248
Total Value:-				
Caught and landed	-	17,333,347	-	21,200,645
Marketed	-	34,900,990	-	44,531,858

BRITISH COLUMBIA FISHERIES

3. Quantity caught and Value marketed of Chief Commercial Fishes, 1942 to 1945

Kind of Fish		1942	1943	1944	1945	Increase or decrease 1945 compared with 1944
						Increase +
						Decrease -
Salmon	cwt.	1,621,980	1,214,214	1,075,719	1,709,649	+ 633,930
	\$	22,419,881	14,740,298	15,623,223	25,424,954	+ 9,801,731
Herring	cwt.	2,324,827	1,827,943	1,871,038	2,576,536	+ 705,498
	\$	8,223,754	7,809,630	6,758,626	8,423,136	+ 1,664,510
Halibut	cwt.	110,282	126,869	131,671	149,053	+ 17,382
	\$	2,228,818	2,761,000	2,934,885	3,318,215	+ 383,330
Grayfish	cwt.	100,540	78,924	24,339	1/	
	\$	1,293,499	2,106,470	3,751,460	2,347,631	+ 1,403,829
Pilchards	cwt.	1,317,673	1,774,774	1,182,325	687,759	- 494,566
	\$	2,016,607	2,756,416	2,222,181	1,439,145	- 783,036
Ling cod	cwt.	42,500	58,691	84,250	79,143	- 5,107
	\$	633,567	874,633	1,282,617	1,166,738	- 115,879
Soles	cwt.	6,375	7,610	31,826	51,713	+ 19,892
	\$	42,670	49,320	271,231	438,219	+ 166,988
Black cod	cwt.	12,279	20,959	22,325	20,987	- 1,538
	\$	193,840	399,923	414,753	368,408	- 46,345
Tuna	cwt.	-	288	4,636	14,287	+ 9,651
	\$	-	5,760	93,373	319,404	+ 226,031
Red cod	cwt.	4,828	21,800	31,637	34,157	+ 2,520
	\$	51,375	150,551	284,828	284,759	- 69
Clams	cwt.	35,515	26,666	28,366	48,053	+ 19,587
	\$	155,965	148,226	174,673	206,045	+ 31,372
Cod	cwt.	6,726	15,799	9,414	18,585	+ 9,171
	\$	43,336	104,340	71,283	129,901	+ 58,613
Oysters	gal.	35,765	37,738	49,708	35,228	- 14,480
	\$	57,862	82,313	149,754	105,596	- 44,158

1/ Livers only landed 1945.

BRITISH COLUMBIA FISHERIES

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

In Primary Operations	1944		1945	
	Number	Value	Number	Value
Draggers	17	173,500	38	402,500
Gasoline vessels -				
10 to 20 tons	22	104,300	26	140,300
Diesel vessels -				
40 tons and over	56	1,753,450	78	2,492,750
20 to 40 tons	175	2,136,450	219	3,000,450
10 to 20 tons	178	1,298,950	228	1,768,750
Boats-				
Sail and row	1,102	44,419	990	40,802
Gasoline	6,297	4,916,166	6,489	5,916,220
Diesel	272	441,545	249	392,100
Carrying boats, smacks or fish packers	280	658,522	279	645,812
Herring gill nets	13	1,950	15	2,330
Gill nets, other	755	77,470	1,671	140,341
Salmon drift nets	7,958	1,577,231	8,425	1,654,827
Salmon trap or pound nets	4	60,000	5	100,000
Salmon purse seines	258	395,050	274	440,050
Salmon drag seines	9	6,100	9	6,100
Seines, other	109	411,210	133	426,350
Smelt gill nets	17	1,300	-	-
Small drag nets	44	12,400	41	6,600
Inshore trawls	33	16,900	27	12,400
Skates of gear	8,136	257,736	8,583	255,208
Hand lines	18,052	165,650	13,948	154,670
Crab traps	4,430	16,850	5,849	18,420
Shrimp nets	29	8,300	41	7,100
Oulachon nets	46	2,440	52	3,280
Oyster rakes	72	72	72	72
Fishing piers and wharves	5	13,500	7	19,500
Freezers and ice houses	5	42,500	18	78,912
Small fish and smoke houses	32	50,850	21	43,750
Other gear	-	1,031	-	3,607
TOTAL VALUE		- 14,645,942		- 18,133,201

BRITISH COLUMBIA FISHERIES

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

In Fish Processing Establishments	1944		1945	
	Number	Value	Number	Value
Salmon canneries	31	10,750,163	29	12,248,028
Clam cannery	-	-	1)	1,349,728
Other fish canneries	10	2,126,315	6)	
Fish curing establishments	9	1,147,248	7	726,284
Fresh fish and freezing plants ...	12	2,902,982	18	2,298,560
Reduction plants	10	2,140,302	11	2,312,654
TOTAL	72	19,067,010	72	18,935,254

5. Employees in the Fisheries, 1944 and 1945.

	1944			1945		
	Male	Female	Total	Male	Female	Total
	Number	Number	Number	Number	Number	Number
Employees on vessels, boats, etc.	12,463	-	12,463	13,292	-	13,292
Employees in fish processing establishments	3,462	2,688	6,150	3,110	2,928	6,038
TOTAL	15,925	2,688	18,613	16,402	2,928	19,330

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010689769