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ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1948.

The following report on the fisheries of the province of British Columbia for the year 1948 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 the year 1948 amounted to \$58,703,803 an increase of \$106,719 or 2 per cent over the previous year.

The principal fishes by values, were salmon, herring, halibut, grayfish and soles, all of which reached over the \$1,000,000 mark, while tuna, lingcod and black cod went over the half million figure.

Salmon had a marketed value of \$36,671,140 an increase of 3 per cent over 1947, the previous peak; herring came second with \$10,485,090 a decrease from 1947 of 13 per cent in spite of a much larger catch; halibut with \$4,647,871 showed a decline from the previous year of 22 per cent; grayfish livers yielded 11 per cent over the 1947 figure with a value of \$1,645,445 and soles produced a record value of \$1,170,890, more than double that of the previous year, corresponding to an increase in volume of catch.

The catch of all fish including shellfish was 6,139,031 cwt. an increase of 1,382,732 cwt. or 29 per cent over the revised figure for the previous year. Of the principal species, herring, soles, tuna, lingcod, black cod, red and rock cod showed increases in landings over the 1947 quantities.

The equipment used in catching and landing the fish was valued at \$30,913,279 an increase of \$6,112,045 or 25 per cent over the preceding year. Vessels and boats accounted for \$25,198,495 or 82 per cent and nets, other gear and premises for \$5,714,784 or 18 per cent.

Persons employed in the fisheries numbered 16,406, of whom 12,226 were engaged in primary occupations and 4,180 in fish processing plants. These figures are lower, by 265 and 869 respectively, than those for 1947.

Prepared in the Fisheries Section  
of the Industry and Merchandising Division.

July 1950

BRITISH COLUMBIA FISHERIES

GENERAL TABLES

Summaries of the principal statistical data of the fisheries of British Columbia for the year 1948, and comparative statistics for preceding years are contained in the following tables:

1. Value of the Fisheries, British Columbia, 1927 to 1948.

Year	Value	Year	Value
	\$		\$
1927	22,890,913	1938	18,672,750
1928	26,562,727	1939	17,698,989
1929	23,930,692	1940	21,710,167
1930	23,103,302	1941	31,732,037
1931	11,108,873	1942	38,059,559
1932	9,909,116	1943	32,478,632
1933	12,001,471	1944	34,900,990
1934	15,234,335	1945	44,531,858
1935	15,169,529	1946	43,817,147
1936	17,231,534	1947	58,597,084
1937	16,155,439	1948	58,703,803

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948.

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Abalone, landed ..... cwt.	269	\$ 1,841	210	1,835
Marketed, canned ..... cases	363	7,101	187	4,838
Anchovies, landed ..... cwt.	28,580	71,450	6,520	8,150
Marketed -				
Canned ..... cases	26,208	536,850	4,901	88,305
Meal ..... ton	12	937	-	-
Total value marketed .....	-	537,787	-	88,305
Bass, landed ..... cwt.	231	767	312	1,009
Marketed -				
Fresh, whole ..... cwt.	220	951	312	1,684
Frozen, whole ..... cwt.	11	63	-	-
Total value marketed .....	-	1,014	-	1,684
Clams, landed ..... cwt.	64,205	166,018	19,825	52,940
Marketed -				
Fresh, whole ..... cwt.	8,771	49,802	17,638	93,948
Frozen, whole ..... cwt.	702	3,510	-	-
Shucked (meat) ..... cwt.	30	2,350	-	-
Canned ..... cases	34,225	314,126	1,399	12,311
Bait ..... cwt.	-	-	286	1,287
Total value marketed .....	-	369,788	-	107,546
Cod, Black, landed ..... cwt.	13,087	110,301	21,803	242,804
Cod, Black, livers, landed ... cwt.	342	55,873	653	125,892
Cod, Black, viscera, landed .. cwt.	276	7,504	1,163	34,602
Marketed -				
Fresh, whole ..... cwt.	378	4,402	429	8,583
Frozen, whole ..... cwt.	9,232	117,599	17,112	268,702
Frozen, dressed ..... cwt.	-	-	88	1,056
Frozen fillets ..... cwt.	-	-	3	90
Smoked ..... cwt.	1,362	39,752	1,949	60,161
Smoked fillets ..... cwt.	281	8,544	221	7,171
Salted ..... cwt.	5	77	-	-
Livers ..... cwt.	56	7,961	3	215
Viscera ..... cwt.	2	12	-	-
Liver oil, vitamin ..... lb.	6,652	59,351	15,081	170,337

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Con.

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Cod, Black, concluded		\$		\$
Visceral oil, vitamin .... lb.	4,738	29,509	10,932	48,573
Total value marketed .....	-	267,207	-	564,888
Cod, Gray, landed ..... cwt.	14,350	68,700	17,177	71,933
Cod, Gray, livers, landed .... cwt.	2,589	1,936	141	883
Marketed -				
Fresh, whole ..... cwt.	3,946	30,434	1,288	7,865
Frozen, whole ..... cwt.	478	8,158	609	3,850
Fresh fillets ..... cwt.	1,314	28,340	2,818	58,617
Frozen fillets ..... cwt.	527	9,248	2,070	41,528
Smoked ..... cwt.	539	11,858	-	-
Smoked haddie ..... cwt.	5	110	45	990
Smoked fillets ..... cwt.	819	16,989	1,055	21,218
Livers ..... cwt.	14	104	22	214
Liver oil, vitamin .... lb.	6,863	2,299	1,033	212
Total value marketed .....	-	107,540	-	134,494
Cod Ling landed ..... cwt.	38,749	271,248	65,859	486,115
Cod, Ling livers, landed .... cwt.	986	147,429	1,297	208,518
Cod, Ling viscera, landed .... cwt.	1,046	8,899	1,279	14,211
Marketed -				
Fresh, whole ..... cwt.	21,332	236,753	20,476	230,539
Frozen, whole ..... cwt.	2,905	34,529	6,413	68,263
Fresh fillets ..... cwt.	2,268	51,597	10,643	260,254
Frozen fillets ..... cwt.	2,836	65,091	2,532	62,759
Smoked fillets ..... cwt.	97	2,583	88	2,400
Canned ..... cases	60	780	20	260
Livers ..... cwt.	259	61,038	16	2,408
Viscera ..... cwt.	46	676	7	79
Liver oil, vitamin .... lb.	11,123	136,693	20,605	241,485
Visceral oil, vitamin .... lb.	13,317	7,147	13,932	10,515
Total value marketed.....	-	596,887	-	878,972
Cod, Red and Rock, landed .... cwt.	7,651	22,797	11,635	41,994
Cod, Red and Rock livers, landed cwt.	139	18,932	204	34,135
Marketed -				
Fresh, whole ..... cwt.	2,971	20,488	1,546	10,391
Frozen, whole ..... cwt.	383	2,308	1,845	16,321

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Con.

Kind of Fish	1947		1948		
	Quantity	Value	Quantity	Value	
Cod, Red and Rock (concluded)		\$		\$	
Fresh fillets .....	cwt.	888	18,694	1,677	36,885
Frozen fillets .....	cwt.	649	13,708	1,091	23,580
Livers .....	cwt.	102	17,108	13	956
Liver oil, vitamin .....	lb.	470	5,182	3,685	43,777
Other products .....	-	-	950	-	-
Total value marketed .....	-	78,438	-	131,910	
Crabs, landed .....	cwt.	18,401	131,129	16,694	140,356
Marketed					
Fresh, whole .....	cwt.	7,148	74,401	3,568	38,382
Frozen, whole .....	cwt.	5	59	-	-
Meat .....	cwt.	1,532	94,316	1,640	111,858
Canned .....	cases	2,881	128,757	3,754	176,023
Total value marketed .....	-	297,533	-	326,263	
Eulachons, landed .....	cwt.	5,309	19,133	4,839	15,909
Marketed					
Fresh, whole .....	cwt.	2,982	16,533	3,342	15,392
Frozen, whole .....	cwt.	2,377	20,199	1,497	14,832
Total value marketed .....	-	36,732	-	30,224	
Flounders, landed .....	cwt.	1,930	4,842	3,676	10,240
Marketed -					
Fresh, whole .....	cwt.	363	1,511	167	772
Frozen, whole .....	cwt.	60	213	849	3,421
Fresh fillets .....	cwt.	345	5,649	392	3,439
Frozen fillets .....	cwt.	166	3,256	458	8,029
Total value marketed .....	-	10,629	-	15,561	
Halibut, landed .....	cwt.	241,193	3,884,774	187,527	2,725,604
Halibut livers, landed .....	cwt.	3,532	340,592	2,774	262,761
Halibut viscera, landed .....	cwt.	4,634	90,214	4,357	89,136
Marketed -					
Fresh, whole .....	cwt.	69,559	1,500,311	54,459	1,124,035
Frozen, whole .....	cwt.	163,464	3,740,993	121,634	2,670,563
Fresh fillets .....	cwt.	1,150	43,728	3,225	115,003
Frozen fillets .....	cwt.	665	11,910	4,891	209,457

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Con.

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Halibut (Concluded)		\$		\$
Smoked fillets ..... cwt.	-	-	27	945
Livers ..... cwt.	359	41,986	3	238
Viscera ..... cwt.	109	1,629	-	-
Liver oil, vitamin ..... lb.	54,823	386,103	42,521	331,458
Visceral oil, vitamin.... lb.	21,742	173,635	22,214	145,672
Offal oil, industrial ... lb.	213,550	21,355	184,810	20,000
Offal meal ..... ton	223	22,295	325	30,500
Total value marketed .....	-	5,943,945	-	4,647,871
Herring landed ..... cwt.	2,563,313	2,461,670	4,169,673	5,184,908
Marketed -				
Fresh, whole ..... cwt.	5,735	18,444	2,604	7,946
Frozen, whole ..... cwt.	5,210	11,374	8,833	64,796
Canned, round ..... cases	1,351,596	8,526,086	408,500	2,556,910
Canned, kippered snacks . cases	6,646	75,395	6,792	133,556
Kippered ..... cwt.	6,394	81,866	1,291	18,362
Dry salted ..... cwt.	63,451	303,179	7,612	46,120
Pickled ..... bbl.	-	-	17,152	85,951
Bait ..... bbl.	49,548	224,362	54,385	228,842
Meal ..... ton	9,314	1,329,072	29,527	4,017,155
Offal meal ..... ton	2,446	329,921	685	82,813
Oil, industrial ..... lb.	8,727,836	911,734	23,871,902	3,059,227
Oil, offal ..... lb.	2,709,071	284,241	636,737	84,322
Other .....	-	4,656	-	99,090
Total value marketed .....	-	12,100,330	-	10,485,090
Octopus, landed ..... cwt.	69	365	164	733
Marketed -				
Fresh, whole ..... cwt.	50	360	60	713
Frozen, whole ..... cwt.	21	154	104	1,486
Total value marketed .....	-	514	-	2,199
Oysters, landed ..... bbl.	24,302	197,607	16,948	187,596
Marketed -				
Fresh ..... bbl.	1,155	8,202	217	2,637
Shucked meat ..... gal.	61,726	230,897	46,158	178,746
Canned ..... cases	-	-	906	33,112
Total value marketed .....	-	239,099	-	214,495

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Con.

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Perch, landed ..... cwt.	625	\$ 3,880	457	\$ 3,071
Marketed -				
Fresh, whole ..... cwt.	608	7,832	410	5,073
Frozen, whole ..... cwt.	17	238	47	658
Total value marketed .....	-	8,070	-	5,731
Pilchards, landed ..... cwt.	9,710	8,739	-	' -
Marketed -				
Canned ..... cases	1,666	18,801	-	-
Bait ..... bbl.	155	620	-	-
Oil ..... lb.	119	227	12,518	-
Meal ..... ton	67	9,811	-	-
Total value marketed .....	-	41,750	-	-
Salmon, landed ..... cwt.	1,628,000	12,576,716	1,451,679	19,952,560
Salmon livers, landed ..... cwt	2	10	24	243
Salmon viscera, landed ..... cwt.	19	94	110	1,095
Marketed -				
Fresh, whole ..... cwt.	210,741	4,165,285	135,272	3,635,830
Frozen, dressed, round .. cwt.	7,673	103,873	2,516	38,661
Frozen, dressed, heads				
off .. cwt.	205,232	4,847,706	193,179	5,477,197
Frozen fillets ..... cwt.	14,563	482,632	4,448	211,435
Canned ..... cases	1,527,138	25,076,974	1,308,137	26,578,589
Mild-cured ..... cwt.	14,400	531,170	8,837	339,257
Smoked inc. kippered .... cwt.	1,597	46,629	1,119	41,151
Bait ..... cwt.	268	1,876	-	-
Livers ..... cwt.	2	9	-	-
Viscera ..... cwt.	177	1,045	69	415
Offal meal ..... ton	1,407	168,544	1,191	120,583
Offal oil ..... lb.	877,647	91,608	1,136,716	143,929
Liver oil ..... lb.	-	-	800	800
Visceral oil ..... lb.	-	-	900	1,500
All other .....	-	3,103	-	81,793
Total value marketed .....	-	35,520,454	-	36,671,140
Shrimps inc. prawns, landed . cwt.	1,068	27,527	3,539	70,824
Marketed -				
Fresh, whole ..... cwt.	496	18,080	517	18,654
Frozen, whole ..... cwt.	319	12,390	103	3,914

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Con.

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Shrimps inc. prawns (Concluded)		\$		\$
Canned and meat ..... cwt.	-	18,123	-	62,342
Total value marketed .....	-	48,593	-	84,910
Skate, landed ..... cwt.	748	2,103	1,120	3,336
Skate livers, landed ..... cwt.	12	59	-	-
Marketed -				
Wings .....	-	-	145	610
Fresh, whole ..... cwt.	744	3,789	833	4,434
Frozen, whole ..... cwt.	4	48	24	164
Livers .....	cwt. 5	24	-	-
Total value marketed .....	-	3,861	-	5,208
Smelts, landed ..... cwt.	732	7,320	562	6,734
Marketed -				
Fresh, whole ..... cwt.	292	4,908	412	7,305
Frozen, whole ..... cwt.	440	6,420	150	2,748
Total value marketed .....	-	11,328	-	10,053
Soles, landed ..... cwt.	61,053	297,703	128,538	727,263
Marketed -				
Fresh, whole ..... cwt.	5,306	46,151	3,147	28,692
Frozen, whole ..... cwt.	1,398	9,755	695	7,579
Fresh fillets ..... cwt.	3,113	87,958	14,357	374,132
Frozen fillets ..... cwt.	13,698	371,284	27,222	760,487
Total value marketed .....	-	515,148	-	1,170,890
Sturgeon, landed ..... cwt.	457	9,045	249	4,980
Marketed -				
Fresh, whole ..... cwt.	446	9,811	239	5,155
Frozen, whole ..... cwt.	11	326	10	347
Total value marketed .....	-	10,137	-	5,502
Tuna, landed ..... cwt.	7,965	211,650	21,747	598,357
Marketed -				
Fresh, whole ..... cwt.	652	18,294	90	2,782
Frozen, whole ..... cwt.	6,804	194,934	7,439	204,540

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Con.

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Tuna (con.)		\$		\$
Canned ..... cases	560	19,868	20,248	783,102
Total value marketed .....	-	233,096	-	990,424
Grayfish livers, landed ..... cwt.	37,593	1,087,858	30,335	1,123,397
Marketed -				
Livers ..... cwt.	996	43,122	236	11,057
Liver oil, vitamin ..... lb.	2,453,032	1,439,861	2,113,101	1,634,388
Total value marketed .....	-	1,482,983	-	1,645,445
Ratfish livers, landed ..... cwt.	301	1,824	1/	-
Marketed -				
Livers ..... cwt.	10	55	-	-
Liver oil ..... lb.	18,158	2,603	3,525	242
Total value marketed .....	-	2,658	-	242
Soupfin shark livers, landed . cwt.	103	28,795	54	18,679
Marketed -				
Livers ..... cwt.	55	21,147	8	2,822
Liver oil, vitamin ..... lb.	3,409	23,161	5,685	23,435
Total value marketed .....	-	44,308	-	26,257
Other livers and viscera, landed ..... cwt.	908	6,046	843	6,521
Marketed -				
Livers ..... cwt.	100	1,331	24	143
Liver and visceral oil ... lb.	13,965	4,166	22,194	9,331
Total value marketed .....	-	5,497	-	9,474
Fur seals, landed ..... no.	141	987	37	296
Marketed, skins ..... no.	141	987	37	296
Other items, landed .....	-	-	-	184,000
Miscellaneous: -				
Fish oil, n.e.s. ..... lb.	427,151	42,918	1,634,513	294,864

1/ Included under other livers and viscera

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Landed and Marketed, 1947 and 1948 - Concluded

Kind of Fish	1947		1948	
	Quantity	Value	Quantity	Value
Miscellaneous (Con.)		\$		\$
Fish meal, n.e.s. .... ton	279	30,650	443	36,500
Other products .....	-	102	-	112,427
Total Value: -				
Landed .....	-	22,354,377	-	32,643,620
Marketed .....	-	58,597,084	-	58,703,803

3. Quantity Landed and Value Marketed of Chief Commerical Fishes 1945 - 48

Kind of Fish	1945	1946	1947	1948	Increase or decrease 1948 compared with 1947	Increase + Decrease -
					cwt.	\$
Salmon	cwt.	1,709,649	1,496,762	1,628,000	1,451,679	- 176,321
	\$	25,424,954	24,346,483	35,520,454	36,671,140	+ 1,150,682
Herring	cwt.	2,576,536	2,123,651	2,563,313	4,169,673	+ 1,606,360
	\$	8,423,136	9,574,643	12,100,330	10,485,090	- 1,615,240
Halibut	cwt.	149,053	179,910	241,193	187,527	- 53,666
	\$	3,318,215	4,009,122	5,943,945	4,647,871	- 1,296,074
Grayfish	cwt.	58,219 <sup>1/</sup>	28,443	37,593 <sup>1/</sup>	30,335 <sup>1/</sup>	- 7,258
	\$	2,347,631	1,110,827	1,482,983	1,645,445	+ 162,462
Soles	cwt.	51,718	95,630	61,053	128,538	+ 67,485
	\$	438,219	848,004	515,148	1,170,890	+ 655,742
Tuna	cwt.	14,287	4,316	7,965	21,747	+ 13,782
	\$	319,404	122,892	233,096	990,424	+ 757,328

1/ Livers only landed

BRITISH COLUMBIA FISHERIES

3. Quantity Landed and Value Marketed of Chief Commercial Fishes 1945 - 48  
Concluded

Kind of Fish		1945	1946	1947	1948	Increase or Decrease 1948 compared with 1947	Increase + Decrease -				
		cwt.	\$	cwt.	\$	cwt.	\$				
Lingcod		79,143	1,166,738	73,825	1,064,027	38,749	596,887	65,859	878,972	+ 27,110	+ 282,085
Black cod		20,987	368,408	23,790	446,008	13,087	267,207	21,803	564,888	+ 8,716	+ 297,681
Crabs		9,030	77,958	14,635	217,792	18,401	297,533	16,694	326,263	- 1,707	+ 28,730
Oysters	bbl.	14,091	105,596	26,581	258,964	24,302	239,099	16,948	214,495	- 7,354	- 24,604
Gray cod	cwt.	18,585	129,901	35,341	254,874	14,350	107,540	17,177	134,494	+ 2,827	+ 26,954
Red and Rock cod	cwt.	34,157	284,759	26,775	214,882	7,651	78,438	11,635	131,910	+ 3,984	+ 53,472
Clams	cwt.	48,053	206,045	49,324	349,804	64,205	369,788	19,825	107,546	- 44,380	- 262,242

4. Capital Equipment of the Fisheries, 1947 and 1948

Item	1947		1948	
	Number	Value	Number	Value
Steam vessels .....	-	\$	2	\$
Draggers .....	83	-	80	100,000
Gasoline vessels:-				
20 to 40 tons .....	2	945,450	3	1,468,800
		17,000		45,000

BRITISH COLUMBIA FISHERIES

4. Capital Equipment of the Fisheries, 1947 and 1948 - Con.

Item	1947		1948	
	Number	Value	Number	Value
Gasoline Vessels concluded		\$		\$
10 to 20 tons .....	41	293,200	122	1,682,380
Diesel vessels: -				
40 tons and over .....	93	3,441,950	100	4,015,450
20 to 40 tons .....	231	3,649,950	256	3,973,700
10 to 20 tons .....	303	2,931,950	300	2,963,250
Boats: -				
Sail and row .....	636	31,700	365	19,390
Gasoline .....	6,146	7,126,275	6,178	8,964,925
Diesel .....	292	1,675,700	279	704,000
Carrying boats, smacks, fish packers and scows .....	160	553,000	294	1,261,600
Herring gill nets .....	25	7,275	24	4,450
Gill nets, other .....	876	83,650	697	70,200
Salmon drift nets .....	7,195	1,688,030	7,779	2,490,388
Salmon trap or pound nets .....	5	125,000	5	150,000
Salmon purse seines .....	340	769,950	342	1,295,400
Salmon drag seines .....	9	6,300	9	7,000
Seines, other .....	94	476,000	83	569,830
Smelt gill nets .....	27	2,250	27	2,160
Small drag nets and inshore trawls	108	28,000	80	58,950
Skates of gear .....	9,658	372,481	8,301	318,467
Hand lines .....	17,153	338,515	14,124	307,100
Crab traps .....	7,903	44,714	7,702	42,566
Shrimp nets .....	44	7,725	48	7,550
Eulachon nets .....	55	5,330	55	5,330
Oyster rakes .....	72	72	72	72
Fishing piers and wharves .....	33	163,457	54	368,500
Freezers and ice houses .....	7	14,000	7	14,000
Small fish and smoke houses .....	1	750	1	700
Other gear .....	-	1,560	-	2,121
Total value .....		24,801,234	-	30,913,279

BRITISH COLUMBIA FISHERIES

5. Employees in the Fisheries, 1947 and 1948

Classification	1947			1948		
	Male No.	Female No.	Total No.	Male No.	Female No.	Total No.
Men employed on vessels, boats, etc. ....	12,491	-	12,491	12,226	-	12,226
Persons employed in fish processing establishments ....	3,283	1,766	5,049	2,818	1,362	4,180
Total	15,774	1,766	17,540	15,044	1,362	16,406

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