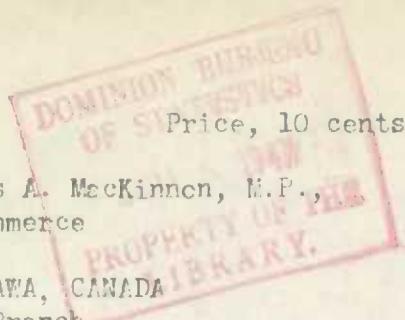


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DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
Fisheries and Animal Products Branch

Dominion Statistician: S.A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief, Fisheries and Animal Products Branch: F. A. Brown.

ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1942.

The following report on the fisheries of the province of British Columbia for the year 1942 is issued by the Dominion Bureau of Statistics, in co-operation with the Department of Fisheries.

PRODUCTION

A new high level was reached in the value of the fisheries production of British Columbia in 1942. The total as marketed was \$38,059,559, an increase over the year 1941 of \$6,327,522 or 20 per cent. The salmon fishery of British Columbia, which is the most important fishery in the Dominion had a production value of \$22,419,881, this amount accounting for 59 per cent of the total fisheries output of the province. Herring, which is second on the list of British Columbia's chief commercial fishes, had a value of \$8,223,754, an increase over 1941 of \$3,558,494 or 76 per cent. Halibut is third in order among the principal kinds of fish with a value of \$2,228,818. The pilchard fishery shows a value of \$2,016,607, its most important products being oil and meal.

The total quantity of fish of all kinds, including shell fish, taken by British Columbia fishermen during the year was 5,712,725 cwt. with a value at the point of landing of \$18,415,044, compared with a catch of 5,418,891 cwt. and a landed value of \$15,836,402 in 1941. Average prices per cwt. paid to the fishermen for the principal kinds of fish in 1942 with figures for 1941 in brackets, were as follows: salmon \$7.89 (\$6.01); herring 54 cents (39 cents); halibut \$15.68 (\$12.36); and pilchards, 51 cents (50 cents).

CAPITAL EQUIPMENT AND EMPLOYEES

Capital. - The amount of capital investment in the fisheries of British Columbia in 1942 recorded a total value of \$34,848,940 compared with \$29,319,198 in the preceding year. The total amount comprises \$11,748,763 as the value of the vessels, boats and gear, and \$23,100,177 as the amount invested in the fish processing establishments. The greater part of the investment in the fish processing industry is credited to the salmon canneries, which numbered 29 and had an investment of \$16,601,054.

Employees. - The number of men employed during the year in catching and landing the fish was 12,199, compared with 10,217 in 1941, while the number of persons working in fish processing establishments totalled only 6,939 compared with 7,914 in the preceding year. The total number of employees credited to the fishing industry of British Columbia in 1942 was 19,138 compared with 18,131 in the year 1941.

BRITISH COLUMBIA FISHERIES

GENERAL TABLES

Summaries of the principal statistical data of the fisheries of British Columbia for the year 1942, and comparative statistics for preceding years, are contained in the following tables: -

1. Value of the Fisheries, British Columbia, 1923 to 1942.

Year	Value	Year	Value
	\$		\$
1923	20,795,914	1933	12,001,471
1924	21,257,567	1934	15,234,335
1925	22,414,618	1935	15,169,529
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	23,930,692	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

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1941 and 1942.

Kind of Fish		1941		1942	
		Quantity	Value	Quantity	Value
		\$	\$		\$
Cod, caught and landed	cwt.	9,612	25,015	6,726	23,430
Cod livers, landed	cwt.	461	2,330	300	2,005
Marketed -					
Used fresh	cwt.	3,090	10,539	3,431	19,912
Fresh fillets	cwt.	1,788	20,520	964	15,116
Smoked fillets	cwt.	395	5,135	146	2,820
Livers	cwt.	59	366	43	256
Cod liver oil (vitamin)	lb.	16,909	2,457	-	-
Cod liver oil (industrial)	lb.	-	-	11,837	5,232
Total value marketed		-	39,017	-	43,336
Hake, caught and landed	cwt.	20	40	29	58
Marketed fresh	cwt.	20	60	29	203
Whiting, caught and landed	cwt.	5	20	1	4
Marketed fresh	cwt.	5	25	1	7
Halibut, caught and landed	cwt.	129,289	1,242,012	110,282	1,593,065
Halibut livers, landed	cwt.	3,143	142,249	1,716	91,618
Halibut viscera, landed	cwt.	10,337	214,239	2,519	44,655
Marketed -					
Used fresh	cwt.	129,289	1,650,731	110,282	1,985,705
Livers	cwt.	1,180	51,074	16	1,132
Viscera	cwt.	735	8,259	84	1,160
Liver oil (vitamin)	lb.	136,031	139,486	44,136	150,955
Visceral oil (vitamin)	lb.	24,159	266,540	9,044	72,544
Offal oil (industrial)	lb.	5,566	272	13,559	8,164
Offal meal	ton	123	5,327	138	9,158
Total value marketed		-	2,121,689	-	2,228,818
Flounders, caught and landed	cwt.	3,700	6,521	5,924	13,427
Marketed					
Used fresh	cwt.	1,332	4,760	2,365	13,603
Fresh fillets	cwt.	653	9,795	732	11,226
Total value marketed		-	14,555	-	24,829
Skate, caught and landed	cwt.	704	1,921	872	2,616
Skate livers, landed	cwt.	-	-	242	679
Marketed -					
Used fresh	cwt.	704	2,478	872	4,356
Skate livers	cwt.	-	-	15	44
Skate liver oil	lb.	-	-	7,379	835
Total value marketed		-	2,478	-	5,235

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1941 and 1942. - Con.

Kind of Fish	1941		1942	
	Quantity	Value \$	Quantity	Value \$
Soles, caught and landed	cwt. 4,954	24,802	6,375	33,357
Sole livers, landed	cwt. 9	225	-	-
Marketeted -				
Used fresh	cwt. 3,829	22,227	4,148	28,618
Fresh fillets	cwt. 375	8,234	742	14,052
Livers	cwt. 1	9	-	-
Total value marketed	-	30,470	-	42,670
Herring, caught and landed	cwt. 1,688,515	655,536	2,324,827	1,252,832
Marketeted -				
Used fresh	cwt. 8,097	23,374	32,195	112,952
Canned (round)	cases 985,929	3,579,867	1,537,896	6,781,018
Canned (kippered)	cases 28,600	110,230	430	4,300
Smoked (round)	cwt. 332	3,077	7	62
Kippered	cwt. 3,111	25,662	2,147	25,646
Pickled	bbl. 1,819	31,017	2,361	48,653
Used as bait	bbl. 47,773	126,626	40,500	136,826
Meal	ton 8,756	534,125	10,896	741,133
Oil (industrial)	lb. 5,374,244	231,282	5,920,908	373,164
Total value marketed	-	4,665,260	-	8,223,754
Sardines, caught and landed	bbl. 9,318	4,659	-	-
Marketeted canned	cases 25,559	47,086	-	-
Pilchards, caught and landed	cwt. 1,200,913	601,280	1,317,673	666,809
Marketeted -				
Used fresh	cwt. -	-	13	52
Canned	cases 58,038	230,656	46,451	222,996
Used as bait	bbl. 1,651	4,177	2,660	7,980
Meal	ton 10,472	736,748	11,550	827,889
Oil (industrial)	lb. 16,465,313	810,295	14,930,128	957,690
Total value marketed	-	1,781,876	-	2,016,607
Anchovies, caught and landed	cwt. 136,727	62,336	79,900	39,846
Marketeted -				
Canned	cases 2,181	15,617	3,070	11,900
Meal	ton 1,263	94,230	671	47,803
Oil, industrial	lb. 914,369	52,312	325,036	20,592
Total value marketed	-	162,159	-	80,295
Bass, caught and landed	cwt. 126	326	244	488
Marketeted fresh	cwt. 126	391	244	782
Perch, caught and landed	cwt. 354	2,241	658	5,038
Marketeted fresh	cwt. 354	3,095	658	8,042

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1941 and 1942. - Con.

Kind of Fish	1941		1942	
	Quantity	Value	Quantity	Value
			\$	\$
Salmon, caught and landed	cwt. 1,900,349	11,424,604	1,621,980	12,794,469
Salmon livers, landed	cwt. 700	3,499	-	-
Marketeted -				
Used fresh	cwt. 186,550	1,922,845	158,769	1,930,935
Canned	cases 2,295,431x	18,406,545	1,814,297x	20,050,238
Smoked	cwt. 301	4,214	-	-
Kippered	cwt. -	-	289	6,220
Mild cured	cwt. 12,331	275,717	9,359	213,027
Roe	cwt. 31	119	-	-
Livers	cwt. 633	3,942	64	321
Used as bait	cwt. 708	2,070	539	1,760
Meal	ton 2,643	161,097	1,861	122,168
Oil (vitamin)	lb. 1,914,271	102,555	1,589,925	95,212
Total value marketed	-	20,879,104	-	22,419,881
Shad, caught and landed	cwt. -	-	2	20
Marketeted fresh	cwt. -	-	2	50
Smelts, caught and landed	cwt. 686	5,488	159	1,908
Marketeted fresh	cwt. 686	5,920	159	2,552
Sturgeon, caught and landed	cwt. 221	3,315	98	1,764
Marketeted fresh	cwt. 221	3,675	98	1,965
Black cod, caught and landed	cwt. 17,472	94,816	12,279	105,273
Black cod livers, landed	cwt. 527	30,823	392	32,150
Black cod viscera, landed	cwt. 1,798	29,794	53	647
Marketeted -				
Used fresh	cwt. 11,954	95,633	8,219	82,916
Smoked	cwt. 2,645	39,272	2,363	46,167
Smoked fillets	cwt. 175	2,275	-	-
Livers	cwt. 261	9,836	10	750
Viscera	cwt. 351	4,191	17	1,329
Liver oil (vitamin)	lb. 2,217	19,000	7,144	52,478
Visceral oil (vitamin)	lb. 2,502	19,320	929	10,200
Total value marketed	-	189,527	-	193,840
Ling cod, caught and landed	cwt. 40,865	215,332	42,500	341,251
Ling cod livers, landed	cwt. 941	58,163	1,254	115,949
Ling cod viscera, landed	cwt. -	-	666	5,170
Marketeted -				
Used fresh	cwt. 40,458	287,747	41,978	455,946
Fresh fillets	cwt. 178	2,682	138	2,460
Smoked	cwt. -	-	36	720
Viscera	cwt. -	-	41	564

x The canned salmon for 1941 includes 46,561 cases packed from fish caught 1940 and
 " " " " 1942 " 2,739 " " " " " 1941.

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1941 and 1942. Con.

Kind of Fish	1941			1942	
	Quantity	Value \$	Quantity	Value \$	
Ling cod viscera					
Marketed - Conc.					
Livers	cwt.	879	53,388	244	17,056
Liver cil (vitamin)	lb.	7,608	15,482	12,206	155,537
Visceral cil (vitamin)	lb.	-	-	7,278	1,284
Total value marketed		-	359,299	-	633,567
Red and Rock cod, caught and landed	cwt.	2,566	6,682	4,828	18,926
Red and Rock livers, landed	cwt.	90	4,043	200	10,596
Marketed -					
Used fresh	cwt.	2,533	9,886	4,360	28,045
Fresh fillets	cwt.	11	143	160	2,301
Livers	cwt.	83	2,203	45	2,678
Liver cil (vitamin)	lb.	331	3,600	2,116	18,351
Total value marketed		-	15,832	-	51,375
Tuna, caught and landed	cwt.	760	6,840	-	-
Marketed canned	cases	66	804	-	-
Capelin, Launce and Silversides, caught and landed	cwt.	20	300	-	-
Marketed fresh	cwt.	20	300	-	-
Grayfish, caught and landed	cwt.	142,999	100,965	100,540	12,055
Grayfish livers, landed	cwt.	34,790	327,502	42,413	688,040
Marketed -					
Used fresh	cwt.	5,843	13,117	-	-
Livers	cwt.	1,745	29,328	730	23,250
Meal	ton	1,051	69,062	914	60,872
Liver cil (vitamin)	lb.	1,952,010	531,355	2,802,277	1,178,242
Body cil (industrial)	lb.	658,554	29,569	433,667	31,135
Total value marketed		-	672,431	-	1,293,499
Octopus, caught and landed	cwt.	252	864	65	351
Marketed fresh	cwt.	252	986	65	390
Oulachons, caught and landed	cwt.	382	1,200	3,164	8,210
Marketed fresh	cwt.	382	1,492	3,164	8,960
Clams, caught and landed	cwt.	33,524	46,952	35,516	64,351
Marketed -					
Used fresh	cwt.	25,402	42,388	8,278	24,199
Canned	cases	12,783	56,582	17,808	131,766
Total value marketed		-	98,970	-	155,965

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1941 and 1942. Conc.

Kind of Fish	1941			1942	
	Quantity	Value \$	Quantity	Value \$	
Crabs, caught and landed	cwt.	11,652	43,286	7,729	35,355
Marketed -					
Used fresh	cwt.	8,006	27,610	6,844	82,781
Canned	cases	3,386	55,643	885	21,240
Total value marketed		-	83,253	-	104,021
Oysters, caught and landed	bbl.	36,489	80,100	14,981	56,749
Marketed -					
Used fresh	bbl.	27,802	90,502	14,306	57,862
Canned	cases	3,475	25,609	-	-
Total value marketed		-	116,111	-	57,862
Shrimps, caught and landed	cwt.	610	6,397	392	3,908
Marketed fresh	cwt.	610	8,115	392	7,222
Whales, caught and landed	nc.	328	298,349	163	178,667
Marketed -					
Oil, sperm (industrial)	lb.	4,193,820	227,241	2,105,778	149,859
Oil, other (industrial)	lb.	1,018,026	34,303	245,336	14,363
Benemal	ton	271	10,840	130	5,220
Fertilizer	ton	577	25,965	205	9,225
Total value marketed		-	298,349	-	178,667
Shark livers, landed	cwt.	368	52,575	2,651	163,179
Marketed -					
Soupfin shark livers	cwt.	205	44,860	85	42,135
Mudshark livers	cwt.	-	-	18	59
Soupfin shark liver oil (vitamin)	lb.	10,266	23,262	18,375	126,461
Mudshark liver oil (vitamin)	lb.	4,843	651	124,219	39,505
Total value marketed		-	68,773	-	208,160
Other livers and mixed viscera, landed		-	8,761	-	6,129
Miscellaneous: -					
Fish cil, n.e.s.	lb.	7,672	1,914	290,159	43,776
Fish meal, n.e.s.	ton	254	11,430	1,253	17,710
Other products		-	47,591	-	5,519
Total Value -					
Caught and landed		-	15,836,402	-	18,415,044
Marketed		-	31,732,037	-	38,059,559

BRITISH COLUMBIA FISHERIES

3. Quantity (a) and Value (b) of Chief Commercial Fishes, 1939 to 1942.

Kind of Fish		1939	1940	1941	1942	Increase or decrease 1942 compared with 1941
						Increase + Decrease -
Salmon	cwt.	1,476,372	1,431,905	1,900,349	1,621,980	- 278,369
	\$	12,994,812	13,757,091	20,879,104	22,419,881	+ 1,540,777
Herring	cwt.	2,164,812	3,395,013	1,688,515	2,324,827	+ 636,312
	\$	2,198,912	4,426,390	4,665,260	8,223,754	+ 3,558,494
Halibut	cwt.	133,967	126,936	129,289	110,282	- 19,007
	\$	1,498,690	1,570,998	2,121,689	2,228,818	+ 107,129
Pilchards	cwt.	110,453	575,399	1,200,913	1,317,673	+ 116,760
	\$	100,693	632,393	1,781,276	2,016,607	+ 234,731
Grayfish	cwt.	114,816	141,350	142,999	100,540	- 42,459
	\$	80,394	209,322	672,431	1,293,499	+ 621,068
Ling cod	cwt.	47,497	47,613	40,865	42,500	+ 1,635
	\$	300,783	303,044	359,299	633,567	+ 274,268
Black cod	cwt.	9,067	13,934	17,472	12,279	- 5,193
	\$	79,419	132,822	189,527	193,840	+ 4,313
Clams	cwt.	29,117	30,799	33,524	35,516	+ 1,992
	\$	50,937	77,944	98,970	155,965	+ 56,995
Crabs	cwt.	10,912	14,053	11,652	7,729	- 3,923
	\$	61,633	80,628	83,253	104,021	+ 20,768
Anchovies	cwt.	19,320	74,435	136,727	79,900	- 56,827
	\$	10,417	119,035	162,159	80,295	- 81,864

(a) Quantity caught.

(b) Value marketed.

BRITISH COLUMBIA FISHERIES

4. Capital Equipment of the Fisheries, 1941 and 1942.

In Primary Operations	1941		1942	
	Number	Value \$	Number	Value \$
Steam vessels	4	100,000	3	75,000
Gasoline vessels -				
20 to 40 tons	1	6,000	-	-
10 to 20 tons	32	123,200	23	87,700
Diesel vessels -				
40 tons and over	30	565,000	37	759,898
20 to 40 tons	136	1,489,750	158	1,824,025
10 to 20 tons	152	1,006,050	180	1,213,600
Boats -				
Sail and row	882	33,994	867	29,930
Gasoline	5,832	3,928,160	6,750	4,532,935
Diesel	264	459,350	262	390,710
Carrying boats, smacks or fish packers	305	466,660	292	439,545
Herring gill nets	15	3,750	20	2,222
Gill nets, other	117	7,480	329	18,400
Salmon drift nets	7,039	1,154,737	7,572	1,251,686
Salmon trap or pound nets	5	75,000	5	75,000
Salmon purse seines	298	417,380	263	385,900
Salmon drag seines	9	5,750	9	6,100
Seines, other	93	237,050	71	221,450
Smelt gill nets	30	3,100	13	1,950
Small drag nets	35	5,330	31	6,520
Skates of gear	3,887	150,035	4,674	168,398
Hand lines	12,157	114,114	12,697	133,402
Crab traps	4,830	17,680	4,580	17,120
Shrimp nets	25	3,350	10	1,775
Oulachon nets	45	1,510	43	1,510
Fishing piers and wharves	6	12,500	6	14,000
Freezers and ice houses	4	42,000	5	46,000
Small fish and smoke houses	42	53,250	31	43,700
Other gear	-	712	-	287
TOTAL VALUE	-	10,482,892	-	11,748,763



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BRITISH COLUMBIA FISHERIES

4. Capital Equipment of the Fisheries, 1941 and 1942. - concluded.

In Fish Processing Establishments	1941		1942	
	Number	Value	Number	Value
	\$		\$	
Salmon canneries	36	14,641,330	29	16,601,054
Clam canneries	-	-	2)	
Other fish canneries	6	600,123	7)	2,156,206
Fish curing establishments	8	502,987	5	896,894
Fresh fish and freezing plants	10	1,884,215	13	2,200,999
Reduction plants	11	1,207,651	8	1,245,024
TOTAL	71	18,836,306	64	23,100,177

5. Employees in the Fisheries, 1941 and 1942.

	1941			1942		
	Male	Female	Total	Male	Female	Total
	Number	Number	Number	Number	Number	Number
Employees on vessels, boats, etc.	10,217	-	10,217	12,199	-	12,199
Employees in fish processing establishments	3,997	3,917	7,914	3,395	3,544	6,939
TOTAL	14,214	3,917	18,131	15,594	3,544	19,138