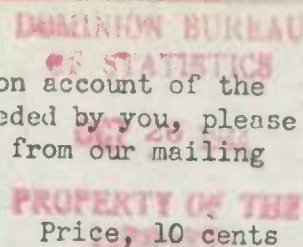


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DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA  
Fisheries and Animal Products Branch

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ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1943.

The following report on the fisheries of the province of British Columbia for the year 1943 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 1943 amounted to \$32,477,964, a decrease of \$5,581,595 or 15 p.c. as compared with 1942. The salmon fishery, the most important single fishery in the Dominion, showed a decrease of 407,766 cwt., or 25 p.c., in the quantity caught. The decrease in landed value was \$5,592,983, or 44 p.c., and that in marketed value was \$7,679,583, or 34 p.c. The total production value of salmon was \$14,740,298, or over 45 p.c. of the total value of the fisheries production of the province.

Herring, the second fishery in point of value, showed a decrease of 496,884 cwt., or 21 p.c., in the quantity landed, an increase in the landed value of \$117,958, or 9 p.c., but a decrease in the marketed value amounting to \$414,124, or 5 p.c. The total production was valued at \$9,809,630.

Halibut registered an increase of 15 p.c. in the quantity caught, 51 p.c. in the landed value and 24 p.c. in the value as marketed and pilchards increased 35 p.c. in catch, 112 p.c. in landed value and 37 p.c. in value marketed. Grayfish showed a decrease in quantity caught but an increase in the marketed value of liver oil sufficient to more than compensate for declines in the values of meal and industrial oil, the final value of all grayfish products amounting to \$2,106,470, or nearly 63 p.c. more than in 1942.

The total value of fish taken, including shell fish, was 5,230,536 cwt., a decrease of 480,839 cwt. from the 5,711,375 cwt. taken in 1942 and the value to fishermen at the point of landing was \$15,475,494, a decrease of 16 p.c. from the previous year.

CAPITAL.-- The value of the capital invested in the fisheries in 1943 was \$31,704,610, a decrease of \$3,268,754, or 9 p.c., from the 1942 figure of \$34,973,364. The amount invested in vessels and gear required for landing operations was \$12,800,020 and that in fish-processing establishments was \$18,904,590.

EMPLOYEES.-- There were 11,903 persons engaged in primary and 6,011 in secondary operations in 1943, a total of 17,914 for the industry. There were 296 fewer persons engaged in catching and landing the fish and 945 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 1943, and comparative statistics for preceding years, are contained in the following tables: -

1. Value of the Fisheries, British Columbia, 1924 to 1943.

Year	Value	Year	Value
	\$		\$
1924	21,257,567	1934	15,234,335
1925	22,414,618	1935	15,169,529
1926	27,567,109	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	33,059,559
1933	12,001,471	1943	32,477,964



BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1942 and 1943.

Kind of Fish		1942		1943	
		Quantity	Value	Quantity	Value
Cod, caught and landed	cwt.	3,726	23,430	15,799	79,571
Cod livers, landed	cwt.	300	2,005	329	3,193
Marketed -					
Used fresh	cwt.	3,431	19,912	11,928	68,050
Fresh fillets	cwt.	964	15,116	1,293	25,607
Smoked fillets	cwt.	146	2,220	81	2,025
Livers	cwt.	43	256	28	191
Cod liver oil, vitamin	lb.	11,837	5,232	10,592	8,467
Total value marketed		-	43,355	-	104,340
Hake, caught and landed	cwt.	29	58	-	-
Marketed fresh	cwt.	29	203	-	-
Giting, caught and landed	cwt.	1	4	3	12
Marketed fresh	cwt.	1	7	3	21
Halibut, caught and landed	cwt.	110,282	1,593,065	126,869	2,398,098
Halibut livers, landed	cwt.	1,716	91,618	1,749	113,231
Halibut viscera, landed	cwt.	2,519	44,655	2,556	28,839
Marketed -					
Used fresh	cwt.	110,282	1,985,705	126,869	2,517,038
Livers	cwt.	16	1,132	127	8,887
Viscera	cwt.	84	1,160	1	19
Liver oil, vitamin	lb.	44,136	150,955	24,525	153,089
Visceral oil, vitamin	lb.	9,044	72,544	14,107	63,502
Offal oil, industrial	lb.	124,743	8,164	156,722	8,347
Offal meal	ton	138	9,158	139	8,218
Total value marketed		-	2,228,818	-	2,761,100
Flounders, caught and landed	cwt.	5,924	13,427	11,821	29,830
Marketed -					
Used fresh	cwt.	3,255	13,603	10,590	35,207
Fresh fillets	cwt.	732	11,226	385	7,412
Total value marketed		-	24,829	-	72,619
Skate, caught and landed	cwt.	872	2,616	1,159	3,511
Skate livers, landed	cwt.	242	679	131	514
Marketed -					
Used fresh	cwt.	872	4,356	1,159	4,734
Skate livers	cwt.	15	44	-	-
Skate liver oil	lb.	7,379	835	4,118	1,198
Total value marketed		-	5,235	-	5,932

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1942 and 1943. - Con.

Kind of Fish		1942		1943	
		Quantity	Value	Quantity	Value
			\$		\$
Soles, caught and landed	cwt.	6,375	33,357	7,610	45,864
Marketed -					
Used fresh	cwt.	4,148	28,618	5,577	33,687
Fresh fillets	cwt.	742	14,052	711	15,633
Total value marketed		-	42,670	-	49,320
Herring, caught and landed	cwt.	2,324,827	1,252,832	1,827,943	1,370,790
Marketed -					
Used fresh	cwt.	32,195	112,952	33,591	147,438
Canned (round)	cases	1,537,896	6,781,018	1,319,121	6,395,968
Canned (kippered)	cases	430	4,300	25,664	110,098
Smoked (round)	cwt.	7	62	4	40
Kippered	cwt.	2,147	25,646	2,314	35,292
Pickled	bbl.	2,361	48,653	4,700	105,898
Used as bait	bbl.	40,300	136,826	44,082	149,927
Meal	ton	10,896	741,133	7,125	479,328
Oil, industrial	lb.	5,920,908	373,164	6,210,018	385,641
Total value marketed		-	8,223,754	-	7,809,630
Pilchards, caught and landed	cwt.	1,317,673	666,809	1,774,774	1,413,309
Marketed -					
Used fresh	cwt.	13	52	-	-
Canned	cases	46,451	222,396	101,356	461,341
Used as bait	bbl.	2,660	7,980	1,940	7,720
Meal	ton	11,550	827,889	15,455	1,012,365
Oil (industrial)	lb.	14,930,128	957,690	20,345,186	1,274,990
Total value marketed		-	2,016,607	-	2,756,416
Anchovies, caught and landed	cwt.	79,900	39,846	1,407	703
Marketed -					
Canned	cases	3,070	11,900	2,099	11,483
Meal	ton	671	47,803	-	-
Oil (industrial)	lb.	325,036	20,592	-	-
Total value marketed		-	80,295	-	11,483
Bass, caught and landed	cwt.	244	488	116	348
Marketed fresh	cwt.	244	782	116	464
Perch, caught and landed	cwt.	658	5,038	835	7,451
Marketed fresh	cwt.	658	8,042	835	9,792



BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1942 and 1943. - Con.

Kind of Fish		1942		1943	
		Quantity	Value	Quantity	Value
			\$		\$
Salmon, caught and landed	cwt.	1,621,980	12,794,469	1,214,214	7,201,486
Salmon livers landed	cwt.	-	-	181	937
Marketed -					
Used fresh	cwt.	158,769	1,930,935	196,687	2,664,807
Canned	cases	1,814,297	20,050,238	1,258,623	11,673,469
Kippered	cwt.	289	6,220	20	480
Smoked	cwt.	-	-	83	1,785
Mild cured	cwt.	9,353	213,027	7,378	251,635
Livers	cwt.	64	321	22	140
Used as bait	cwt.	539	1,760	75	152
Meal	ton	1,861	122,168	1,467	90,401
Oil, vitamin	lb.	-	-	202,765	12,197
Oil, industrial	lb.	1,589,925	95,212	748,860	45,232
Total value marketed		-	22,419,881	-	14,740,298
Shad, caught and landed	cwt.	2	20	4	32
Marketed fresh	cwt.	2	50	4	32
Smelts, caught and landed	cwt.	159	1,908	44	680
Marketed fresh	cwt.	159	2,552	44	736
Sturgeon, caught and landed	cwt.	98	1,764	176	3,168
Marketed fresh	cwt.	98	1,965	176	3,526
Black cod, caught and landed	cwt.	12,279	105,273	20,959	293,208
Black cod livers, landed	cwt.	392	32,150	533	60,520
Black cod viscera, landed	cwt.	53	647	473	9,497
Marketed -					
Used fresh	cwt.	8,219	82,916	14,957	222,971
Smoked	cwt.	2,363	46,167	3,417	94,815
Livers	cwt.	10	750	38	2,045
Viscera	cwt.	17	1,329	5	32
Liver oil, vitamin	lb.	7,144	52,478	7,601	66,209
Visceral oil, vitamin	lb.	929	10,200	2,716	13,851
Total value marketed		-	193,840	-	399,923
Ling cod, caught and landed	cwt.	42,500	341,251	58,691	447,044
Ling cod, livers landed	cwt.	1,254	115,949	1,496	191,782
Ling cod, viscera landed	cwt.	666	5,170	1,571	13,526
Marketed -					
Used fresh	cwt.	41,978	455,946	55,833	642,191
Fresh fillets	cwt.	138	2,460	927	17,705
Smoked	cwt.	36	720	71	1,775
Livers	cwt.	244	17,056	382	37,353
Viscera	cwt.	41	564	136	1,140

BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1942 and 1943. Con.

Kind of Fish		1942		1943	
		Quantity	Value \$	Quantity	Value \$
Ling cod					
Marketed - Conc.					
Liver oil, vitamin	lb.	12,206	155,537	13,927	170,516
Visceral oil, vitamin	lb.	7,278	1,284	8,984	3,953
Total value marketed		-	633,567	-	874,633
Red and Rock cod, caught and landed	cwt.	4,828	18,926	21,800	107,022
Red and Rock cod livers, landed	cwt.	200	10,596	357	24,692
Red and Rock cod viscera, landed	cwt.	-	-	75	859
Marketed -					
Used fresh	cwt.	4,360	28,045	18,216	114,164
Fresh fillets	cwt.	160	2,301	1,185	21,591
Livers	cwt.	45	2,678	113	5,391
Viscera	cwt.	-	-	40	443
Liver oil, vitamin	lb.	2,116	18,351	356	8,875
Liver oil, visceral	lb.	-	-	194	87
Total value marketed		-	51,375	-	150,551
Tuna, caught and landed	cwt.	-	-	288	5,760
Marketed fresh	cwt.	-	-	288	5,760
Grayfish, caught and landed	cwt.	100,540	12,055	78,924	9,865
Grayfish livers, landed	cwt.	42,413	588,040	45,685	1,177,411
Marketed -					
Livers	cwt.	730	25,250	554	18,982
Meal	ton	914	60,872	708	41,857
Liver oil, vitamin	lb.	2,802,277	1,178,242	3,509,213	2,028,875
Body oil, industrial	lb.	433,667	31,135	334,596	16,756
Total value marketed		-	1,293,499	-	2,106,470
Octopus, caught and landed	cwt.	65	351	45	225
Marketed fresh	cwt.	65	390	45	271
Oulachons, caught and landed	cwt.	3,164	8,210	2,698	6,857
Marketed fresh	cwt.	3,164	8,960	2,698	9,504
Abalone, caught and landed	cwt.	-	-	205	1,880
Marketed -					
Used fresh	cwt.	-	-	24	240
Canned	cases	-	-	170	1,360
Total value marketed		-	-	-	1,600



BRITISH COLUMBIA FISHERIES

2. Quantity and Value of Fish Caught and Marketed, 1942 and 1943. Cont.

Kind of Fish		1942		1943	
		Quantity	Value	Quantity	Value
			\$		\$
Clams, caught and landed	cwt.	35,516	64,351	26,666	54,793
Marketed -					
Used fresh	cwt.	8,278	24,199	8,397	37,250
Canned	cases	17,908	131,766	13,626	110,976
Total value marketed		-	155,965	-	148,226
Crabs, caught and landed	cwt.	7,729	35,355	6,775	27,942
Marketed -					
Used fresh	cwt.	6,844	82,781	6,775	34,743
Canned	cases	883	21,240	-	-
Total value marketed		-	104,021	-	34,743
Oysters, caught and landed	bbl.	14,306	56,749	15,095	76,514
Marketed fresh	bbl.	14,306	57,862	15,095	82,318
Shrimps, caught and landed	cwt.	392	5,908	521	9,411
Marketed fresh	cwt.	392	7,222	521	10,417
Whales, caught and landed	no.	163	178,567	91	92,890
Marketed -					
Oil, sperm (industrial)	lb.	2,105,778	149,859	1,055,820	75,110
Oil, other (industrial)	lb.	245,356	14,353	172,068	11,250
Bonemeal	ton	130	5,220	62	2,480
Fertilizer	ton	205	9,225	90	4,050
Total value marketed		-	178,567	-	92,890
Soupfin sharks, caught and landed	no.	-	-	102	662
Shark livers, landed	cwt.	2,651	153,179	5,079	157,146
Marketed -					
Soupfin shark meat	cwt.	-	-	50	1,000
Soupfin shark livers	cwt.	85	42,135	54	21,045
Mudshark livers	cwt.	18	59	-	-
Soupfin shark liver oil, vitamin	lb.	18,375	125,461	12,926	78,886
Mudshark liver oil, vitamin	lb.	124,219	39,505	245,444	78,298
Total value marketed		-	203,160	-	179,229
Other livers and mixed viscera, landed		-	6,129	-	4,415
Miscellaneous: -					
Fish oil, n.e.s.	lb.	290,159	43,776	125,141	34,212
Fish meal, n.e.s.	ton	1,253	17,710	349	20,940
Other products		-	5,519	-	568
Total Value: -					
Caught and landed		-	18,415,044	-	15,475,494
Marketed		-	38,059,559	-	32,477,964

BRITISH COLUMBIA FISHERIES

3. Quantity caught and Value marketed of Chief Commercial Fishes, 1940 to 1943.

Kind of Fish		1940	1941	1942	1943	Increase or decrease 1943 compared with 1942 Increase + Decrease -
Salmon	cwt. \$	1,431,905 13,757,091	1,900,349 20,879,104	1,621,980 22,419,881	1,214,214 14,740,298	- 407,766 - 7,679,583
Herring	cwt. \$	3,395,013 4,426,390	1,688,515 4,665,260	2,324,827 8,223,754	1,827,943 7,809,630	- 496,884 - 414,124
Halibut	cwt. \$	126,936 1,570,998	129,289 2,121,689	110,282 2,228,818	126,869 2,761,100	+ 16,587 + 532,282
Pilchards	cwt. \$	575,399 632,393	1,200,913 1,781,876	1,317,673 2,016,607	1,774,774 2,756,416	+ 457,101 + 739,809
Grayfish	cwt. \$	141,350 209,322	142,999 672,431	100,540 1,293,499	78,924 2,106,470	- 21,616 + 812,971
Ling cod	cwt. \$	47,613 303,044	40,865 359,299	42,500 633,567	58,691 874,633	+ 16,191 + 241,066
Black cod	cwt. \$	13,934 132,822	17,472 189,527	12,279 193,840	20,959 399,923	+ 8,680 + 206,083
Red or Rock cod	cwt. \$	2,328 14,574	2,566 15,832	4,828 31,375	21,800 150,551	+ 16,972 + 99,176
Clams	cwt. \$	30,799 77,944	33,524 98,970	35,516 155,965	26,666 148,226	- 8,850 - 7,739
Cod	cwt. \$	16,635 56,754	9,612 39,017	6,726 43,336	15,799 104,340	+ 9,073 + 61,004
Oysters	bbl. \$	8,678 60,596	36,489 116,111	14,306 57,862	15,239 82,318	+ 933 + 24,456
Flounders	cwt. \$	6,247 27,851	3,700 14,555	5,924 24,829	11,821 72,619	+ 5,897 + 47,790



BRITISH COLUMBIA FISHERIES

4. Capital Equipment of the Fisheries, 1942 and 1943.

In Primary Operations	1942		1943	
	Number	Value	Number	Value
		\$		\$
Steam vessels	3	75,000	2	50,000
Gasoline vessels - 10 to 20 tons	23	87,700	29	107,200
Diesel vessels -				
40 tons and over	37	759,898	47	1,162,950
20 to 40 tons	158	1,824,025	154	1,934,950
10 to 20 tons	180	1,213,600	170	1,161,500
Boats -				
Sail and row	867	29,930	1,018	38,016
Gasoline	6,750	4,532,935	6,246	4,573,866
Diesel	262	390,710	267	423,000
Carrying boats, smacks or fish packers	292	439,545	271	490,200
Herring gill nets	20	2,222	24	4,650
Gill nets, other	329	18,400	305	51,350
Salmon drift nets	7,572	1,251,686	8,177	1,492,977
Salmon trap or pound nets	5	75,000	4	60,000
Salmon purse seines	263	385,900	272	404,850
Salmon drag seines	9	6,100	9	6,100
Seines, other	71	221,450	97	387,130
Smelt gill nets	13	1,950	13	1,300
Small drag nets	31	6,520	42	9,800
Skates of gear	4,674	168,398	7,017	190,405
Hand lines	12,697	133,402	12,197	122,115
Crab traps	4,580	17,120	3,425	9,450
Shrimp nets	24	3,435	36	13,600
Oulachon nets	43	1,510	43	1,810
Fishing piers and wharves	6	14,000	9	16,500
Freezers and ice houses	5	46,000	3	39,000
Small fish and smoke houses	31	43,700	31	46,500
Other gear	-	1,087	-	801
TOTAL VALUE	-	11,751,223	-	12,800,020



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BRITISH COLUMBIA FISHERIES

4. Capital Equipment of the Fisheries, 1942 and 1943. - concluded.

In Fish Processing Establishments	1942		1943	
	Number	Value	Number	Value
		\$		\$
Salmon canneries	29	16,601,054	30	12,110,795
Clam canneries	2)			
	)	2,156,206	8	2,082,105
Other fish canneries	7)			
Fish curing establishments	5	896,894	6	504,661
Fresh fish and freezing plants	13	2,200,999	12	2,361,919
Reduction plants	9	1,366,988	13	1,845,110
TOTAL	65	23,222,141	69	18,904,590

5. Employees in the Fisheries, 1942 and 1943.

	1 9 4 2			1 9 4 3		
	Male	Female	Total	Male	Female	Total
	Number	Number	Number	Number	Number	Number
Employees on vessels, boats, etc.	12,199	-	12,199	11,903	-	11,903
Employees in fish processing establishments	3,410	3,546	6,956	3,190	2,821	6,011
TOTAL	15,609	3,546	19,155	15,093	2,821	17,914