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**DOMINION BUREAU OF STATISTICS**

**FISHERIES STATISTICS**

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**ADVANCE REPORT**

**ON THE**

**FISHERIES**

**OF**

**BRITISH COLUMBIA**

**1934**

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ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1934.

The following report on the fisheries of British Columbia for the year 1934, is issued by the Dominion Bureau of Statistics, in co-operation with the Department of Fisheries.

PRODUCTION

The British Columbia catch of fish in 1934 amounted to 3,666,154 cwt., and the total value of the product as marketed, whether sold for consumption fresh, or canned, cured, etc., to \$15,334,335. The value shows an increase over 1933 of \$3,332,864, or 28 per cent, and an increase over 1932 of \$5,425,219, or 55 per cent. To the total value in 1934 the salmon fishery contributed \$12,351,641, or 81 per cent, the principal item being canned salmon - 1,582,926 cases, valued at \$10,426,160. The salmon pack shows an increase over 1933 of 317,854 cases, and the value an increase of \$2,998,037. British Columbia canned salmon is sent to all parts of the world, the total export in 1934 amounting to 391,645 cwt., representing 815,928 cases of 48 pounds each. Halibut follows salmon in order of value, with a catch of 97,681 cwt., and a marketed value of \$833,829. The figures for halibut are not comparable with those of previous years, for the reason that the quantity taken by United States fishing vessels was previously included with the catch and the quantity marketed fresh for British Columbia, while in the preparation of the statistics for 1934 it was decided to give the landings by Canadian fishermen only, and to show in a footnote the landings by United States vessels. The landings by United States vessels in 1934 totalled 84,921 cwt. In 1933 the landings of the United States vessels amounted to 87,573 cwt., and this quantity is included in the catch of 170,813 cwt. shown in the statistics for that year. Herring is third among the chief commercial fishes, with a total value of \$628,982, a decrease from 1933 of \$109,540. Herring is marketed chiefly as dry-salted, and there is also a large production of meal. The pilchard fishery shows recovery, increasing from a catch of 121,013 cwt. in 1933 to 860,103 cwt. in 1934, and the marketed value from \$77,464 to \$549,910. The chief products are oil and meal, and there was also in 1934 a considerable production of canned pilchard. The whales taken numbered 350, compared with 209 in the preceding year, and the value of production rose from \$110,030 to \$183,738. Whale oil produced during the year amounted to 813,724 gallons, and the exports to 653,937 gallons.

BRITISH COLUMBIA FISHERIES

CAPITAL EQUIPMENT AND EMPLOYEES

Capital.— The capital investment of the fisheries of British Columbia in 1934 was valued at \$21,143,048, this total comprising \$9,641,534 the value of the vessels, boats, nets, traps, piers and wharves, etc. used in the primary operations of catching and landing the fish, and \$11,501,514, the amount invested in fish canning and curing establishments. Compared with the preceding year the total value shows an increase of \$1,566,226.

Employees.— The men employed in catching and landing the fish during the year numbered 11,700, compared with 11,066 in 1933, and the employees of fish canning and curing establishments, 6,181, compared with 5,790. The total number - 17,881 - shows an increase over 1933 of 1,025.

General Tables

Statistics of the catch, of the product as marketed, and of the capital equipment and employees, are given in the following tables.

1. Value of the Fisheries of British Columbia, 1917 to 1934.

Year	Value	Year	Value
	\$		\$
1917	21,518,595	1926	27,367,109
1918	27,282,223	1927	22,890,913
1919	25,301,607	1928	26,562,727
1920	22,329,161	1929	23,930,692
1921	13,953,670	1930	23,103,302
1922	18,843,658	1931	11,108,873
1923	20,795,914	1932	9,909,116
1924	21,257,567	1933	12,001,471
1925	22,414,618	1934	15,334,335



2. Quantity and Value of Fish Caught and Landed and Marketed,  
British Columbia, 1933 and 1934.

Kind of Fish		1 9 3 3		1 9 3 4	
		Quantity	Value \$	Quantity	Value \$
Cod, caught and landed	Cwt.	5,170	10,707	12,811	30,153
Marketed -					
Used fresh	Cwt.	3,426	11,676	8,923	23,478
Fresh fillets	Cwt.	150	1,220	606	5,729
Green-salted	Cwt.	10	80	7	70
Smoked	Cwt.	15	100	-	-
Smoked fillets	Cwt.	415	4,150	676	6,972
Boneless	Cwt.	-	-	7	119
Cod livers	Cwt.	-	-	319	6,657
Total value marketed		-	17,226	-	43,025
Hake and Cusk, caught and landed	Cwt.	1	2	-	-
Marketed fresh	Cwt.	1	5	-	-
Whiting, caught and landed	Cwt.	361	876	65	130
Marketed fresh	Cwt.	361	1,180	65	207
Halibut, caught and landed	Cwt.	170,813	867,806	97,681	575,566
Marketed -					
Used fresh	Cwt.	170,800	1,345,834	97,673	797,333
Smoked	Cwt.	7	112	4	57
Halibut livers	Cwt.	2,293	45,995	1,562	36,439
Total value marketed		-	1,391,941	-	833,829
Flounders, Brill, Plaice, caught and landed	Cwt.	1,338	5,026	1,330	4,582
Marketed fresh	Cwt.	1,338	5,208	1,330	5,216
Skate, caught and landed	Cwt.	721	2,149	777	2,291
Marketed fresh	Cwt.	721	2,483	777	2,872
Soles, caught and landed	Cwt.	4,731	27,403	5,764	32,953
Marketed -					
Used fresh	Cwt.	4,641	27,137	5,524	33,321
Fresh fillets	Cwt.	30	600	80	1,600
Total value marketed		-	27,737	-	34,921
Herring, caught and landed	Cwt.	1,077,373	468,750	820,362	201,247
Marketed -					
Used fresh	Cwt.	8,005	25,622	13,236	24,296
Canned (round)	Cases	-	-	2,295	7,344
Smoked (round)	Cwt.	131	848	164	1,098
Kippered	Cwt.	2,314	18,205	3,049	23,323
Dry-salted	Cwt.	513,024	509,195	414,626	432,618
Pickled	Bbl.	100	553	132	1,555
Used as bait	Bbl.	12,848	18,610	20,106	38,440
Meal	Ton	4,078	127,416	2,570	89,375
Oil	Gal.	316,213	38,073	104,710	10,933
Total value marketed		-	738,522	-	628,982

2. Quantity and Value of Fish Caught and Landed and Marketed,  
British Columbia, 1933 and 1934 - Cont'd.

Kind of Fish		1 9 3 3		1 9 3 4	
		Quantity	Value \$	Quantity	Value \$
Pilchards, caught and landed	Cwt.	121,013	10,930	860,103	124,950
Marketed -					
Used fresh	Cwt.	14	70	46	312
Canned	Cases	2,946	8,838	35,437	112,393
Used as bait	Bbl.	20	30	40	82
Meal	Ton	1,108	33,831	7,626	229,897
Oil	Gal.	275,879	34,695	1,635,123	207,226
Total value marketed		-	77,464	-	549,910
Perch, caught and landed	Cwt.	528	3,025	547	3,271
Marketed fresh	Cwt.	528	3,428	547	3,334
Salmon, caught and landed	Cwt.	1,410,504	4,463,924	1,659,900	5,792,806
Marketed -					
Used fresh	Cwt.	214,138	1,286,771	169,649	1,173,159
Canned	Cases	1,265,072	7,428,123	1,582,926	10,426,160
Paste	Cases	-	-	1,100	14,000
Smoked	Cwt.	439	5,009	139	1,546
Dry-salted	Cwt.	82,875	159,590	90,981	218,650
Mild-cured	Cwt.	18,262	256,326	31,988	497,811
Pickled	Cwt.	279	2,521	122	2,208
Roe	Cwt.	5,315	13,604	6,226	18,107
Used as bait	Cwt.	199	341	-	-
Meal	Ton	719	23,180	-	-
Oil	Gal.	63,830	8,625	-	-
Total value marketed		-	9,184,090	-	12,351,641
Smelts, caught and landed	Cwt.	509	4,606	1,013	7,834
Marketed fresh	Cwt.	509	4,916	1,013	8,423
Sturgeon, caught and landed	Cwt.	367	4,744	212	3,005
Marketed fresh	Cwt.	367	5,006	212	3,391
Trout, caught and landed	Cwt.	118	838	-	-
Marketed fresh	Cwt.	118	1,062	-	-
Black cod, caught and landed	Cwt.	6,069	21,811	6,391	24,742
Marketed -					
Used fresh	Cwt.	3,657	21,121	4,269	25,683
Green-salted	Cwt.	62	307	-	-
Smoked	Cwt.	1,081	14,758	1,061	14,885
Dried	Cwt.	72	867	-	-
Livers	Cwt.	219	4,390	156	3,509
Total value marketed		-	41,443	-	44,057

2. Quantity and Value of Fish Caught and Landed and Marketed,  
British Columbia, 1933 and 1934 - Cont'd.

Kind of Fish		1 9 3 3		1 9 3 4	
		Quantity	Value \$	Quantity	Value \$
Ling cod, caught and landed	Cwt.	40,282	175,358	47,806	220,461
Marketed -					
Used fresh	Cwt.	40,182	192,737	47,626	374,438
Smoked	Cwt.	50	500	-	-
Smoked fillets	Cwt.	-	-	60	600
Livers	Cwt.	262	5,333	350	6,606
Total value marketed		-	198,570	-	381,644
Red and rock cod, caught and landed	Cwt.	1,382	4,521	1,643	5,606
Marketed -					
Used fresh	Cwt.	1,340	5,495	1,635	6,564
Smoked	Cwt.	21	84	4	43
Livers	Cwt.	5	50	-	-
Total value marketed		-	5,629	-	6,607
Grayfish, caught and landed	Cwt.	79,609	13,789	117,020	21,921
Marketed -					
Meal	Ton	786	23,580	1,135	39,510
Oil	Gal.	117,600	13,170	203,930	25,205
Total value marketed		-	36,750	-	64,715
Octopus, caught and landed	Cwt.	278	1,048	272	1,189
Marketed fresh	Cwt.	278	1,048	272	1,406
Oulachons, caught and landed	Cwt.	153	533	446	1,124
Marketed fresh	Cwt.	153	771	446	1,134
Abalone, caught and landed	Bbl.	-	-	240	960
Marketed canned	Cases	-	-	240	2,400
Clams and Quahaugs, caught and landed	Bbl.	12,749	20,071	8,981	18,732
Marketed -					
Used fresh	Bbl.	2,533	4,895	3,166	5,978
Canned	Cases	10,216	47,804	5,815	27,424
Total value marketed		-	52,699	-	33,402
Crabs, caught and landed	Cwt.	5,421	27,340	5,558	20,387
Marketed -					
Used fresh	Cwt.	3,766	19,839	3,187	16,870
Canned	Cases	999	14,457	1,267	15,455
Total value marketed		-	34,296	-	32,325
Oysters, caught and landed	Bbl.	2,231	25,670	3,297	33,886
Marketed fresh	Bbl.	2,231	25,670	3,297	38,922
Shrimps, caught and landed	Cwt.	1,304	18,408	1,417	18,038
Marketed -					
Used fresh	Cwt.	1,247	18,797	933	13,047
Canned	Cases	35	812	336	4,711
Total value marketed		-	19,609	-	17,758



2. Quantity and Value of Fish Caught and Landed and Marketed,  
British Columbia, 1933 and 1934 - Con.

Kind of Fish		1 9 3 3		1 9 3 4	
		Quantity	Value \$	Quantity	Value \$
Fur seals, caught and landed	Cwt.	1,984	7,060	256	547
Skins marketed	Cwt.	1,984	7,060	256	547
Whales, caught and landed	No.	209	110,030	350	183,738
Marketed -					
Whalebone meal	Ton	249	6,474	340	6,800
Fertilizer	Ton	223	7,359	631	17,668
Oil	Gal.	509,310	96,197	813,724	159,270
Total value marketed		-	110,030	-	183,738
Miscellaneous Fish Products -					
Fish oil, n.e.s.	Gal.	6,130	613	133,095	17,924
Fish meal, n.e.s.	Ton	91	2,719	1,323	39,631
Other products		-	4,296	-	2,374
Total Value -					
Caught and landed		-	6,296,425	-	7,330,119
Marketed		-	12,001,471	-	15,334,335

NOTE: The following quantities were landed in 1934 by United States vessels and are not included with the quantities shown in the tables.

Halibut: 84,321 cwt.  
Salmon: 40,410 "  
Black cod: 458 "

3. Quantity<sup>(a)</sup> and Value<sup>(b)</sup> of Chief Commercial Fishes, British Columbia, 1931-1934.

Kind of Fish		1931	1932	1933	1934	Increase or decrease 1934 compared with 1933
						Increase + Decrease -
Salmon	Cwt.	1,287,041	1,291,487	1,410,504	1,659,900	+ 249,396
	\$	7,195,220	7,586,479	9,184,090	12,351,641	+ 3,167,551
Halibut	Cwt.	182,005	168,847	170,813	97,681	- 73,132
	\$	1,373,679	960,166	1,391,941	833,829	- 558,112
Herring	Cwt.	1,481,080	1,003,204	1,077,373	820,362	- 257,011
	\$	1,058,139	536,491	738,522	628,982	- 109,540
Pilchards	Cwt.	1,472,085	886,964	121,013	860,103	+ 733,090
	\$	807,842	383,920	77,464	549,910	+ 472,446

(a) Quantity caught. (b) Value marketed.

3. Quantity<sup>(a)</sup> and Value<sup>(b)</sup> of Chief Commercial Fishes,  
British Columbia, 1931-1934 - Con.

Kind of Fish		1931	1932	1933	1934	Increase or decrease 1934 compared with 1933	
						Increase +	Decrease -
Ling cod	Cwt.	50,987	39,960	40,282	47,806	+	7,524
	\$	239,014	159,534	198,570	381,044	+	182,474
Black cod	Cwt.	5,845	6,401	6,069	6,391	+	322
	\$	39,521	38,754	41,443	44,057	+	2,614

(a) Quantity caught. (b) Value marketed.

4. Capital Equipment of the Fisheries, British Columbia, 1933 and 1934.

In Primary Operations	1933		1934	
	No.	Value	No.	Value
		\$		\$
Steam vessels	4	100,000	6	150,000
Sailing, gasoline and diesel vessels	192	2,020,600	281	2,507,000
Sail and row boats	2,393	173,783	2,100	148,398
Gasoline and diesel boats	5,461	3,512,179	6,205	3,823,368
Collecting vessels and scows	250	1,417,100	288	1,195,330
Gill nets	92	5,630	55	3,800
Salmon drift nets	5,717	967,066	6,291	1,049,581
Salmon trap nets	4	60,000	5	75,000
Salmon purse seines	203	307,950	265	319,950
Salmon drag seines	41	17,430	13	5,550
Seines, other	109	150,775	70	110,500
Skates of gear	1,333	26,269	1,834	40,070
Otter trawls	-	-	8	1,200
Smelt nets	47	2,490	54	2,990
Oulachon nets	24	720	30	900
Hand lines	12,728	84,265	17,460	90,865
Crab traps	4,077	14,680	5,197	13,135
Oyster plant and equipment	1	21,208	(c)	-
Fishing piers and wharves	11	12,000	10	12,500
Freezers and ice houses	4	14,050	5	17,050
Small fish and smoke houses	37	61,600	38	63,900
Other gear	-	2,400	-	4,447
Total Value	-	8,972,195	-	9,641,534

(c) Included with fish canning and curing establishments.



4. Capital Equipment of the Fisheries, British Columbia,  
1933 and 1934 - Con.

In Fish Canning and Curing	1933		1934	
	No.	Value	No.	Value
		\$		\$
Salmon canneries	48	7,535,656	49	8,000,084
Clam canneries	1)		1)	
Other fish canneries	3)	53,996	3)	48,463
Fish curing establishments	32)		31)	
Freezing plants	1)	2,440,709	2)	2,898,610
Reduction plants	11	574,266	11	554,357
<b>TOTAL</b>	<b>96</b>	<b>10,604,627</b>	<b>97</b>	<b>11,501,514</b>

5. Number of Employees in the Fisheries, British Columbia, 1933 and 1934.

Employees	1933	1934
	No.	No.
Men employed on vessels, boats, etc.	11,066	11,700
Persons employed in fish canning and curing establishments	5,790	6,181
<b>TOTAL</b>	<b>16,856</b>	<b>17,881</b>

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