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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FISHERIES STATISTICS

ADVANCE REPORT
on the
FISHERIES
of
BRITISH COLUMBIA
1933

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DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
Fisheries Statistics Branch

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ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1933

The following report on the fisheries of British Columbia, for the year 1933, is issued by the Dominion Bureau of Statistics, in co-operation with the Department of Fisheries.

PRODUCTION

The value of output of the British Columbia fisheries in 1933 was \$12,001,471, compared with \$9,909,116 in the preceding year. These figures refer to the value of the fish as marketed, whether sold for consumption fresh, or canned, cured or otherwise prepared. The increase in total value is due almost entirely to the salmon fishery, whose value of output rose to \$9,184,090 from \$7,586,479 in 1932. The pack of salmon shows an increase of 184,061 cases, or 17 per cent, and the quantity of salmon marketed for consumption fresh, an increase of 30,525 cwt., or 17 per cent. A considerable increase is recorded also in the production of salmon oil - 63,830 gal. in 1933, compared with 10,370 gal. in 1932. The value of output of the salmon fishery represents 76½ per cent of the total fishery production of the province for the year. The halibut and herring fisheries show increases in catch and marketed value, compared with 1932, but the pilchard fishery was a failure, the catch dropping to 65,353 cwt. from 886,964 cwt. in 1932, and the marketed value (chiefly of oil and meal) to \$77,464 from \$383,920. Whaling operations were resumed in 1933 and a catch of 209 whales is recorded. Oil, bonemeal and fertilizer are the products, and the value of these in 1933 amounted to \$110,030.

The total quantity of fish of all kinds caught during the year was 2,902,345 cwt., and the amount received by the fishermen \$6,452,855, compared with a catch of 3,474,946 cwt., and a value to the fishermen of \$4,731,805 in 1932. The increase in value, while the quantity of the catch shows a decrease, is due to the larger proportions of the more valuable grades of salmon taken during the season and to the higher prices paid for halibut and herring.

CAPITAL EQUIPMENT AND EMPLOYEES

Capital.- The value of the vessels, boats and gear used in the primary operations of catching and landing the fish was \$8,495,195, and the capital invested in fish canning and curing establishments, \$11,057,567, a total capital for the fisheries of the province of \$19,552,762, compared with a total of \$18,814,322 in 1932. The establishments in operation numbered 94 compared with 89.

Employees.- There were 10,951 fishermen employed during the season, and 5,734 persons in the establishments, a total of 16,685, compared with a total of 14,822 in 1932.

Detailed statistics of the fisheries of the province are given in the following tables.

1. Value of the Fisheries of British Columbia, 1917 to 1933.

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	18,849,658	1931	11,108,873
1923	20,795,914	1932	9,909,116
1924	21,257,567	1933	12,001,471
1925	22,414,618		

2. Quantity and Value of Fish Caught and Landed and Marketed,
British Columbia, 1932 and 1933.

Kind of Fish		1932		1933	
		Quantity	Value	Quantity	Value
Cod, caught and landed	Cwt.	2,748	\$ 6,296	5,170	\$ 10,707
Marketed -					
Used fresh	Cwt.	2,211	6,025	3,426	11,676
Fresh fillets	Cwt.	-	-	150	1,220
Green salted	Cwt.	-	-	10	80
Smoked	Cwt.	-	-	15	100
Smoked fillets	Cwt.	180	1,793	415	4,150
Cod livers	Cwt.	247	4,677	-	-
Total Value marketed		-	12,495	-	17,226
Hake and cusk, caught and landed	Cwt.	-	-	1	2
Marketed fresh	Cwt.	-	-	1	5
Whiting, caught and landed	Cwt.	35	111	361	876
Marketed fresh	Cwt.	35	111	361	1,180
Halibut, caught and landed	Cwt.	168,847	677,253	170,813	867,806
Marketed -					
Used fresh	Cwt.	168,835	930,517	170,800	1,345,834
Smoked	Cwt.	6	78	7	112
Halibut livers	Cwt.	2,221	29,571	2,293	45,995
Total value marketed		-	960,166	-	1,391,941
Flounders, brill, plaice, caught and landed	Cwt.	1,235	3,759	1,338	5,026
Marketed fresh	Cwt.	1,235	3,923	1,338	5,208
Skate, caught and landed	Cwt.	877	2,677	721	2,149
Marketed fresh	Cwt.	877	2,748	721	2,483
Soles, caught and landed	Cwt.	4,305	25,571	4,731	27,403
Marketed -					
Used fresh	Cwt.	4,305	25,936	4,641	27,137
Fresh fillets	Cwt.	-	-	30	600
Total value marketed		-	25,936	-	27,737
Herring, caught and landed	Cwt.	1,003,204	183,423	1,077,373	601,093
Marketed -					
Used fresh	Cwt.	15,352	30,388	8,005	25,622
Smoked (round)	Cwt.	242	1,788	131	848
Smoked (boneless)	Cwt.	54	432	-	-
Kipperod	Cwt.	2,652	20,949	2,314	18,205
Dry salted	Cwt.	269,420	213,521	513,024	509,195
Pickled	Bbl.	50	902	100	553
Used as bait	Bbl.	20,985	37,563	12,848	18,610
Oil	Gal.	186,173	23,042	316,213	38,073
Meal	Ton	6,195	207,906	4,078	127,416
Total value marketed		-	536,491	-	738,522
Pilchards, caught and landed	Cwt.	886,964	74,289	65,353	35,017
Marketed -					
Used fresh	Cwt.	3,940	1,098	14	70
Canned	Cases	4,622	11,093	2,946	8,838
Used as bait	Bbl.	1,603	2,891	20	30
Oil	Gal.	1,315,864	166,497	275,879	34,695
Meal	Ton	8,842	202,341	1,108	33,831
Total value marketed		-	383,920	-	77,454
Perch, caught and landed	Cwt.	715	4,578	528	3,025
Marketed fresh	Cwt.	715	4,607	528	3,428

2. Quantity and Value of Fish Caught and Landed and Marketed,
British Columbia, 1932 and 1933 - con.

Kind of Fish		1932		1933	
		Quantity	Value	Quantity	Value
Salmon, caught and landed	Cwt.	1,291,467	\$ 3,443,446	1,416,504	\$ 4,463,924
Marketed -					
Used fresh	Cwt.	163,613	994,608	214,138	1,286,771
Canned	Cases	1,061,011	6,357,613	1,265,072	7,428,123
Smoked	Cwt.	263	2,949	439	5,009
Dry salted	Cwt.	127,289	172,104	82,675	159,590
Mild cured	Cwt.	12,141	138,050	18,262	256,326
Pickled	Cwt.	206	2,060	279	2,521
Roe	Cwt.	3,202	4,016	4,985	10,304
Caviar	Cwt.	-	-	330	3,300
Used as bait	Cwt.	373	740	199	341
Oil	Gal.	10,370	767	63,830	8,625
Meal	Ton	149	3,372	719	23,180
Total value marketed		-	7,586,479	-	9,184,090
Shad, caught and landed	Cwt.	4	24	-	-
Marketed fresh	Cwt.	4	24	-	-
Smelts, caught and landed	Cwt.	1,038	6,898	509	4,606
Marketed fresh	Cwt.	1,038	7,084	509	4,916
Sturgeon, caught and landed	Cwt.	202	3,126	367	4,744
Marketed fresh	Cwt.	202	3,161	367	5,006
Trout, caught and landed	Cwt.	68	544	118	838
Marketed fresh	Cwt.	68	544	118	1,062
Black cod, caught and landed	Cwt.	6,401	30,637	6,069	21,811
Marketed -					
Used fresh	Cwt.	3,363	17,776	3,657	21,121
Green salted	Cwt.	239	1,860	62	307
Dried	Cwt.	-	-	72	867
Smoked	Cwt.	1,282	19,118	1,081	14,758
Livers	Cwt.	-	-	219	4,390
Total value marketed		-	38,754	-	41,443
Ling cod, caught and landed	Cwt.	39,960	154,495	40,282	175,358
Marketed -					
Used fresh	Cwt.	39,273	155,727	40,182	192,737
Smoked	Cwt.	147	1,845	50	500
Smoked fillets	Cwt.	131	1,962	-	-
Livers	Cwt.	-	-	262	5,333
Total value marketed		-	159,534	-	198,570
Red and rock cod, caught and landed	Cwt.	2,736	9,271	1,382	4,521
Marketed -					
Used fresh	Cwt.	2,736	9,333	1,340	5,495
Smoked	Cwt.	-	-	21	84
Livers	Cwt.	-	-	5	50
Total value marketed		-	9,333	-	5,629
Grayfish, caught and landed	Cwt.	28,020	4,203	79,609	13,789
Marketed -					
Oil	Gal.	35,147	4,629	117,600	13,170
Meal	Ton	264	7,018	786	23,580
Total value marketed		-	11,647	-	36,750
Octopus, caught and landed	Cwt.	309	1,336	278	1,048
Marketed fresh	Cwt.	309	1,336	278	1,048
Oulachons, caught and landed	Cwt.	184	390	153	533
Marketed fresh	Cwt.	184	470	153	771

2. Quantity and Value of Fish Caught and Landed and Marketed,
British Columbia, 1932 and 1933. concluded

Kind of Fish		1932		1933	
		Quantity	Value \$	Quantity	Value \$
Clams and Quahaugs, caught and landed	Bbl.	13,408	34,677	12,749	20,071
Marketed -					
Used fresh	Bbl.	2,187	5,366	2,533	4,895
Canned	Cases	11,221	84,482	10,216	47,804
Total value marketed		-	89,848	-	52,699
Crabs, caught and landed	Cwt.	3,322	16,492	5,421	27,340
Marketed -					
Used fresh	Cwt.	2,952	15,226	3,766	19,839
Canned	Cases	251	1,606	999	14,457
Total value marketed		-	16,832	-	34,296
Oysters, caught and landed	Bbl.	2,010	28,638	2,231	25,670
Marketed fresh	Bbl.	2,010	28,800	2,231	25,670
Shrimps, caught and landed	Cwt.	1,449	15,423	1,304	18,408
Marketed -					
Used fresh	Cwt.	1,109	14,055	1,247	18,797
Canned	Cases	209	5,933	35	812
Total value marketed		-	19,988	-	19,609
Fur seals, caught and landed	No.	1,787	4,246	1,984	7,060
Skins marketed	No.	1,787	4,885	1,984	7,060
Whales, caught and landed	No.	-	-	209	110,030
Marketed -					
Oil	Gal.	-	-	509,310	96,197
Whalebone meal	Ton	-	-	249	6,474
Fertilizer	Ton	-	-	223	7,359
Total value marketed		-	-	-	110,030
Miscellaneous Fish Products -					
Fish oil, n.e.s.	Gal.	-	-	6,130	613
Fish meal, n.e.s.	Ton	-	-	91	2,719
Other products		-	-	-	4,296
Total Value					
Caught and landed		-	4,731,805	-	6,452,855
Marketed		-	9,909,116	-	12,001,471

3. Quantity^{a/} and Value^{b/} of Chief Commercial Fishes,
British Columbia, 1930 - 1933.

Kind of Fish		1930	1931	1932	1933	Increase or decrease 1933 compared with 1932 Increase + Decrease -
Salmon	Cwt.	2,296,213	1,287,041	1,291,487	1,410,504	+ 119,017
	\$	16,610,834	7,195,220	7,586,479	9,184,090	+ 1,597,611
Halibut	Cwt.	254,796	182,005	168,847	170,813	+ 1,966
	\$	2,446,775	1,373,679	960,166	1,391,941	+ 431,775
Herring	Cwt.	1,221,962	1,481,080	1,003,204	1,077,373	+ 74,169
	\$	1,222,303	1,058,139	536,491	738,522	+ 202,031
Ling Cod	Cwt.	48,591	50,987	39,960	40,282	+ 322
	\$	333,564	239,014	159,534	198,570	+ 39,036
Pilchards	Cwt.	1,501,404	1,472,085	886,964	65,353	- 821,611
	\$	1,589,609	807,842	383,920	77,464	- 306,456

a/ Quantity caught. b/ Value marketed.

3. Quantity^{a/} and Value^{b/} of Chief Commercial Fishes, British Columbia, 1930 - 1933. concluded.

Kind of Fish	1930	1931	1932	1933	Increase or Decrease 1933 compared with 1932 Increase / Decrease -	
Clams and Quahaugs	Bbl. 23,987	14,403	13,408	12,749	-	659
	\$ 155,357	111,690	89,848	52,699	-	37,149

a/ Quantity caught. b/ Value marketed.

4. Capital Equipment of the Fisheries, British Columbia, 1932 and 1933.

In Primary Operations	1932		1933	
	No.	Value	No.	Value
		\$		\$
Steam vessels	1	35,000	4	100,000
Sailing and gasoline vessels	245	2,384,060	168	1,543,600
Sail and row boats	2,256	172,310	2,393	173,783
Gasoline boats	5,031	3,340,755	5,461	3,512,179
Carrying smacks and scows	158	134,500	250	1,417,100
Gill nets	59	4,260	92	5,630
Salmon drift nets	5,147	867,788	5,717	967,066
Salmon trap nets	4	60,000	4	60,000
Salmon purse seines	149	239,150	203	307,950
Salmon drag seines	42	15,840	41	17,430
Seines, other	59	127,075	81	147,200
Inshore drags	36	4,425	28	3,575
Skates of gear	1,671	19,010	1,333	26,269
Smolt nets	58	1,655	47	2,490
Oulachon nets	21	630	24	720
Hand lines	12,909	84,918	12,728	84,265
Crab traps	6,407	22,855	4,077	14,680
Oyster plant and equipment	1	21,208	1	21,208
Fishing piers and wharves	15	26,000	11	12,000
Freezers and ice houses	3	15,400	4	14,050
Small fish and smoke houses	36	50,700	37	61,600
Other gear	-	500	-	2,400
Total Value	-	7,628,039	-	8,495,195

In Fish Canning and Curing	1932		1933	
	No.	Value	No.	Value
		\$		\$
Salmon canneries	44	7,377,212	48	8,114,945
Clam canneries	2)		1)	
Other fish canneries	2)	42,726	3)	53,996
Fish curing establishments	27)		30)	
Freezing plants	2)	2,357,494	1)	2,314,360
Reduction plants	12	1,408,851	11	574,266
Total	89	11,186,283	94	11,057,567

5. Number of Employees in the Fisheries, British Columbia, 1932 and 1933.

Employees	1932	1933
	No.	No.
Men employed on vessels, boats, etc.	10,116	10,951
Persons employed in fish canning and curing establishments	4,706	5,734
Total	14,822	16,685

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