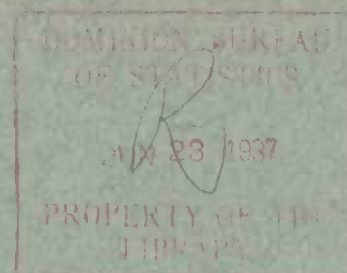


54-D-21



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
FISHERIES STATISTICS BRANCH

ADVANCE REPORT
ON THE
FISHERIES
OF
BRITISH COLUMBIA
1936

Published by Authority of the HON. W. D. EULER, M.P.,
Minister of Trade and Commerce.

OTTAWA
1937

Price 10 cents

Issued June, 1937.

Published by Authority of the Hon. W. D. Euler, M. P.,
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS, OTTAWA, CANADA
Census of Industry
Fisheries Statistics Branch.

Dominion Statistician:	R. H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)
Chief, Fisheries Statistics Branch:	Florence A. Brown

ADVANCE REPORT ON THE FISHERIES OF BRITISH COLUMBIA, 1936.

The following report on the fisheries of British Columbia for the year 1936 is issued by the Dominion Bureau of Statistics in co-operation with the Department of Fisheries.

PRODUCTION

The value of production of the fisheries of British Columbia in 1936 was \$17,231,534, compared with \$15,169,529 in 1935. These totals represent the value of the product as marketed, whether for consumption fresh or as canned, dried, etc. British Columbia is the leading province of the Dominion with respect to fisheries production, its wealth lying in the abundant product of its salmon fishery. In 1936 the product of this fishery had a value of \$13,387,344, the chief item being canned salmon, with a value of \$11,128,636. The number of cases (48 lbs. to the case) of canned salmon produced was 1,881,025, an increase over the preceding year of 352,003 cases, while in value there was an increase of \$1,474,739. British Columbia canned salmon finds markets in all parts of the world - in 1936 the exports totalled 50,847,800 pounds, (roughly 1,059,329 cases), valued at \$7,394,632, while the countries of destination numbered 66, the larger part going to British Empire countries.

Following the salmon fishery, but with much smaller values of output are the herring and halibut fisheries, the former with a value of \$1,142,397 and the latter with \$1,039,879. Both of these kinds show increases in catch and in marketed value, compared with the preceding year. The principal products of the herring fishery are the dry salted product and meal and oil. All of the halibut caught was sold for consumption fresh, and there has of recent years developed a considerable demand for halibut livers, which in 1936 had a marketed value of \$96,311. The products of the pilchard fishery are chiefly meal and oil, and the catch of whales is used in the manufacture of similar items.

The total quantity of fish of all kinds taken by British Columbia fishermen during the year 1936 was 4,896,753 cwt., with a value at the point of landing of

BRITISH COLUMBIA FISHERIES

PRODUCTION - Concluded.

\$7,503,880, compared with a catch of 4,041,788 cwt., and a value of \$8,082,355 in 1935.

CAPITAL EQUIPMENT AND EMPLOYEES

In Primary Operations:

Capital. - The amount of capital represented by the vessels, boats, nets and other gear, piers and wharves, etc., used in the primary operations of catching and landing the fish, during the year 1936, is shown as \$9,829,892, compared with \$9,504,333 in the preceding year. The chief items, in order of value, are gasoline boats; sailing and gasoline vessels; collecting boats and scows; and, salmon drift nets.

Employees. - The number of fishermen employed during the year was 11,393, of which 66 are credited to the steam vessels, 1,326 to the sailing and gasoline vessels, 9,529 to the boats, and 472 to the packers and collecting boats.

In Fish Canning and Curing:

Capital. - There were 91 fish canning and curing establishments in operation in the province in 1936, with a total capital investment valued at \$12,376,841, compared with 91 establishments valued at \$11,386,492 in the preceding year. The salmon canneries, which numbered 46, are credited with \$9,228,852, or 75 per cent of the total capital investment in that year.

Employees. - The establishments furnished employment during the season of operations for a total of 6,426 persons - 3,769 male and 2,657 female. Compared with the preceding year an increase of 361 is shown in the total number. The period of greatest employment in the canning and curing branch of the fisheries industry is from May to November, both months inclusive.

GENERAL TABLES

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

BRITISH COLUMBIA FISHERIES

1. Quantity and Value of Fish Caught and Marketed during
the years 1935 and 1936.

Kind of Fish		1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Cod, caught and landed	Cwt.	16,691	34,788	8,099	19,380
Marketed -					
Used fresh	Cwt.	9,851	23,381	6,320	20,239
Fresh fillets	Cwt.	2,105	21,050	413	3,717
Smoked fillets	Cwt.	175	1,750	180	1,980
Livers	Cwt.	257	10,280	-	-
Total value marketed		-	56,461	-	25,936
Hake and Cusk, caught and landed	Cwt.	-	-	24	48
Marketed fresh	Cwt.	-	-	24	59
Whiting, caught and landed	Cwt.	76	158	19	49
Marketed fresh	Cwt.	76	170	19	69
Halibut, caught and landed	Cwt.	101,927	656,991	105,918	802,327
Marketed -					
Used fresh	Cwt.	101,917	860,271	105,918	943,568
Smoked	Cwt.	5	78	-	-
Livers	Cwt.	1,812	80,513	1,916	96,311
Total value marketed		-	940,862	-	1,039,879
Flounders, Brill, Plaice, caught and landed	Cwt.	1,169	3,344	1,202	3,209
Marketed fresh	Cwt.	1,169	3,773	1,202	3,332
Skate, caught and landed	Cwt.	888	2,587	864	2,543
Marketed fresh	Cwt.	888	3,363	864	3,233
Soles, caught and landed	Cwt.	5,276	27,414	6,444	33,481
Marketed -					
Used fresh	Cwt.	5,276	30,808	5,790	32,659
Fresh fillets	Cwt.	-	-	218	4,360
Total value marketed		-	30,808	-	37,019

BRITISH COLUMBIA FISHERIES

1. Quantity and Value of Fish Caught and Marketed during
the years 1935 and 1936 --- Con.

Kind of Fish		1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Herring, caught and landed	Cwt.	1,008,507	287,420	1,620,625	383,298
Marketed -					
Used fresh	Cwt.	35,050	67,522	15,908	27,628
Canned, round	Cases			51,695	155,336
Smoked	Cwt.	86	618	2,319	16,232
Kippered	Cwt.	4,300	33,072	2,016	15,654
Dry-salted	Cwt.	302,710	229,082	383,337	347,322
Pickled	Bbl.	117	874	28	211
Used as bait	Bbl.	18,899	33,104	14,227	29,682
Meal	Ton	5,262	146,818	10,085	349,910
Oil	Gal.	306,767	68,941	782,499	200,422
Total value marketed			580,031		1,142,397
Pilchards, caught and landed	Cwt.	911,411	306,674	989,037	331,808
Marketed -					
Used fresh	Cwt.	191	1,300	173	208
Canned	Cases	27,184	82,991	35,007	102,127
Used as bait	Bbl.	521	995	580	699
Meal	Ton	8,681	225,716	8,715	274,063
Oil	Gal.	1,649,392	359,326	1,217,097	290,216
Total value marketed			670,328		667,313
Bass, caught and landed	Cwt.	12	24	14	35
Marketed fresh	Cwt.	12	29	14	42
Perch, caught and landed	Cwt.	798	5,054	1,168	7,574
Marketed fresh	Cwt.	798	5,054	1,168	7,633
Salmon, caught and landed	Cwt.	1,789,431	6,172,187	1,995,499	5,154,784
Marketed -					
Used fresh	Cwt.	288,347	1,686,964	212,753	1,587,213
Canned	Cases	1,529,022	9,653,897	1,881,025	11,128,636
Smoked	Cwt.	85	950	68	1,352
Kippered	Cwt.	124	1,620	100	1,100
Dry-salted	Cwt.	146,641	408,006	149,533	331,524
Mild cured	Cwt.	20,368	279,576	13,321	192,614
Pickled	Cwt.	2,027	8,143	2,589	8,832
Used as bait	Cwt.	275	679	197	492
Roe	Cwt.	10,230	27,427	11,719	30,163

BRITISH COLUMBIA FISHERIES

1. Quantity and Value of Fish Caught and Marketed during
the years 1935 and 1936 - Con.

Kind of Fish		1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Salmon, caught and landed-(Con- cluded).					
Marketed -					
Meal	Ton	806	21,275	2,083	66,701
Oil	Gal.	61,313	10,738	171,326	38,717
Total value marketed			12,099,275		13,387,344
Smelts, caught and landed	Cwt.	980	7,983	859	5,722
Marketed fresh	Cwt.	980	9,578	859	7,621
Sturgeon, caught and landed	Cwt.	436	6,104	140	1,905
Marketed fresh	Cwt.	436	6,936	140	2,053
Black Cod, caught and landed	Cwt.	9,698	37,043	7,196	41,791
Marketed -					
Used fresh	Cwt.	6,390	34,490	4,965	31,585
Smoked	Cwt.	1,474	19,498	1,148	9,661
Smoked fillets	Cwt.	120	1,200	-	-
Livers	Cwt.	241	10,674	235	12,251
Total value marketed			65,862		53,497
Ling Cod, caught and landed	Cwt.	62,841	278,821	68,932	364,040
Marketed -					
Used fresh	Cwt.	62,481	303,616	68,212	342,344
Smoked fillets	Cwt.	-	-	240	2,400
Livers	Cwt.	629	22,413	1,195	47,403
Total value marketed			326,029		392,147
Red and Rock Cod, caught and landed	Cwt.	2,578	7,968	3,266	9,624
Marketed -					
Used fresh	Cwt.	2,501	9,936	3,266	13,820
Smoked	Cwt.	38	457	-	-
Total value marketed			10,393		13,820

BRITISH COLUMBIA FISHERIES

1. Quantity and Value of Fish Caught and Marketed during
the years 1935 and 1936 Con.

Kind of Fish		1935		1936	
		Quantity	Value \$	Quantity	Value \$
Grayfish, caught and landed	Cwt.	76,800	15,360	116,140	26,309
Marketed -					
Used fresh	Cwt.	-	-	340	68
Oil	Gal.	122,380	23,744	164,643	34,745
Meal	Ton	768	22,924	1,065	34,906
Total value marketed		-	46,668	-	69,719
Octopus, caught and landed	Cwt.	271	1,060	206	964
Marketed fresh	Cwt.	271	1,094	206	982
Oulachons, caught and landed	Cwt.	407	1,109	222	614
Marketed fresh	Cwt.	407	1,110	222	803
Tom cod, caught and landed	Cwt.	8	16	14	46
Marketed fresh	Cwt.	8	16	14	55
Abalone, caught and landed	Bbl.	-	-	2	34
Marketed fresh	Bbl.	-	-	2	34
Clams, caught and landed	Bbl.	17,902	29,137	25,723	48,248
Marketed -					
Used fresh	Bbl.	7,858	13,250	13,265	28,295
Canned	Cases	10,209	48,636	12,579	60,127
Total value marketed		-	61,886	-	88,422
Crabs, caught and landed	Cwt.	6,708	30,094	6,329	26,966
Marketed -					
Used fresh	Cwt.	4,336	24,802	4,347	23,423
Canned	Cases	1,322	19,723	1,312	15,432
Total value marketed		-	44,525	-	38,855
Oysters, caught and landed	Bbl.	3,353	43,173	6,195	51,978
Marketed -					
Used fresh	Bbl.	2,266	34,544	2,594	38,124
Canned	Cases	1,087	7,065	3,601	21,563
Total value marketed		-	41,609	-	59,687

BRITISH COLUMBIA FISHERIES

1. Quantity and Value of Fish Caught and Marketed during
the years 1935 and 1936 - (Concl'd.)

Kind of Fish		1935		1936	
		Quantity	Value	Quantity	Value
			\$		\$
Shrimps, caught and landed	Cwt.	2,365	20,813	696	9,238
Marketed -					
Used fresh	Cwt.	1,545	15,413	646	9,557
Canned	Cases	483	10,079	25	270
Total value marketed		-	25,492	-	9,827
Fur seals, caught and landed	No.	841	1,671	1,888	5,664
Skins marketed	No.	841	1,671	1,888	5,664
Whales, caught and landed	No.	202	105,360	370	172,201
Marketed -					
Whalebone meal	Ton	211	4,642	332	6,840
Whale fertilizer	Ton	354	11,328	687	20,610
Whale oil	Gal.	426,772	89,390	763,740	144,751
Total value marketed		-	105,360	-	172,201
Miscellaneous fish products -					
Fish oil, n. e. s.	Gal.	63,744	13,620	-	-
Fish meal, n. e. s.	Ton	573	14,106	-	-
Other products	-	-	3,420	-	1,891
Total Value --					
Caught and landed		-	8,082,353	-	7,503,880
Marketed		-	15,169,529	-	17,231,534

BRITISH COLUMBIA FISHERIES

2. Quantity^(a) and Value^(b) of Chief Commercial Fishes for the
years 1933 and 1936.

Kind of Fish		1933	1934	1935	1936	Increase or decrease 1936 compared with 1935 Increase + Decrease -
Salmon	Cwt.	1,410,504	1,659,900	1,739,431	1,995,499	+ 206,068
	\$	9,184,090	12,402,042	12,099,275	13,387,344	+ 1,288,069
Herring	Cwt.	1,077,373	820,362	1,008,507	1,620,625	+ 612,118
	\$	738,522	628,982	580,031	1,142,397	+ 562,366
Halibut	Cwt.	170,813	97,681	101,927	105,918	+ 3,991
	\$	1,391,941	833,829	940,862	1,039,879	+ 99,017
Pilchards	Cwt.	121,013	860,103	911,411	889,037	- 22,374
	\$	77,464	549,910	670,328	667,313	- 3,015
Ling Cod	Cwt.	40,282	47,806	62,841	68,932	+ 6,091
	\$	198,570	281,644	326,029	392,147	+ 66,118
Clams	Bbl.	12,749	8,981	17,902	25,723	+ 7,821
	\$	52,699	33,402	61,886	88,422	+ 26,536
Grayfish	Cwt.	79,609	117,020	76,800	116,140	+ 39,340
	\$	36,750	64,715	46,668	69,719	+ 23,051
Oysters	Bbl.	2,231	3,297	3,353	6,195	+ 2,842
	\$	25,670	38,922	41,609	59,687	+ 18,078
Black Cod	Cwt.	6,069	6,391	9,698	7,196	- 2,502
	\$	41,443	44,057	65,862	53,497	- 12,365
Crabs	Cwt.	5,421	5,558	6,708	6,329	- 379
	\$	34,296	32,325	44,525	38,855	- 5,670

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

BRITISH COLUMBIA FISHERIES

3. Value of the Fisheries of British Columbia, 1919 to 1936.

Year	Value	Year	Value
	\$		\$
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	1934	15,234,335
1926	27,367,109	1935	15,169,529
1927	22,890,913	1936	17,231,534

4. - Capital Equipment of the Fisheries, 1935 and 1936.

In Primary Operations	1935		1936	
	Number	Value	Number	Value
		\$		\$
Steam vessels	5	125,000	6	150,000
Sailing, gasoline and diesel vessels	283	2,599,040	274	2,676,700
Gasoline and diesel boats	6,113	3,780,266	6,605	3,965,273
Sail and row boats	1,655	107,330	1,488	86,585
Packers, collecting boats and scows	314	1,147,940	329	1,308,110
Gill nets	47	6,705	47	5,675
Salmon drift nets	5,808	954,394	6,238	1,026,732
Salmon trap nets	5	75,000	4	60,600
Salmon purse seines	320	355,850	188	207,200
Salmon drag seines	9	5,430	9	5,800
Seines, other	49	104,900	64	96,250
Skates of gear	1,469	34,936	1,659	36,476
Otter trawls	11	1,550	14	2,050
Smelt nets	48	2,600	38	2,200
Oulachon nets	29	775	18	540
Hand lines	14,066	96,128	14,390	97,578
Crab traps	6,501	24,882	7,175	27,135
Fishing piers and wharves	9	11,000	10	14,000
Freezers and ice houses	4	16,300	3	14,300
Small fish and smoke houses	35	50,100	31	42,800
Other gear	-	4,207	-	3,888
Total Value	-	9,504,333	-	9,829,892

BRITISH COLUMBIA FISHERIES

4. Capital Equipment of the Fisheries, 1935 and 1936,
(Concluded)

In Fish Canning and Curing	1935		1936	
	Number	Value	Number	Value
		\$		\$
Salmon canneries	43	7,760,819	46	9,228,852
Clam canneries	2)		2)	
Other fish canneries	3)	66,783	2)	49,727
Fish curing establishments	33)		31)	
Freezing plants	2)	3,121,848	2)	2,565,314
Reduction plants	8	437,042	8	532,948
Total	91	11,386,492	91	12,376,841

5. Number of Employees in the Fisheries for the years
1935 and 1936.

Employees	1935		1936	
	Male	Female	Male	Female
	No.	No.	No.	No.
Men employed on vessels, boats, etc.	10,965	-	11,393	-
Persons employed in fish canning and curing establishments	3,566	2,499	3,769	2,657
Total	14,531	2,499	15,162	2,657

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010689760