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# FISHERIES STATISTICS

of

# BRITISH COLUMBIA

## 1961

( PRELIMINARY )

COMPILED AND PUBLISHED BY THE  
CANADIAN DEPARTMENT OF FISHERIES IN VANCOUVER  
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APRIL 1962

## SUMMARY OF FISHERIES STATISTICS OF BRITISH COLUMBIA - 1961

### Total Value of Fish and Fish Products

During 1961, the market value of all fish products and liver products rose to 77.9 million dollars, compared with the low value of 52.3 million dollars recorded in 1960.

#### This value above does not include:-

- the market value of 4,530,000 pounds of halibut landed by B. C. fishermen at United States ports in Washington and Alaska.
- the market value of imported tuna processed in B. C.
- the market value of salmon canned during 1961 from cold storage stocks carried over from 1960.

The market value of these items totalled \$2,060,998.

Among the various reasons for the increase in market value over the very poor year of 1960 can be noted:-

- (1) Despite lower market prices for canned sockeye, coho and springs, other unit prices were close to the high levels reported in 1960. Improved catches of sockeye, pinks and coho thus resulted in a 59% increase in salmon market value over 1960.
- (2) 5.2 million dollar increase in herring products, with landings of 224,000 tons exceeded historically only once, and that in 1956 (246,000 tons).
- (3) A good market demand for halibut and in spite of a lowered catch, an increase of almost 1 million dollars in market value to bring the market value for 1961 to 7.1 million dollars, the highest ever recorded.

### SALMON

Although canned salmon prices were lower on the average than in 1960, total landings increased 61% in volume, and the pack rose to 1,405,000 cases, with a market value of 46.2 million dollars, more than double the 22.8 million dollars reported a year ago.

TABLE 1 - MARKETING OF SALMON BY SPECIES - 1953 - 1961

\$(000's)

	<u>Sockeye</u>	<u>Chums</u>	<u>Pinks</u>	<u>Cohos</u>	<u>Springs</u>	<u>Steelhead</u>	<u>Not Classified</u>	<u>Total</u>
1953	16 111	8 436	12 541	5 844	4 216	124	664	47 936
1954	21 200	11 965	6 057	6 335	3 781	187	756	50 281
1955	9 337	3 796	15 950	8 605	4 196	76	909	42 869
1956	13 012	6 318	7 943	10 758	5 614	75	586	44 306
1957	9 295	6 137	15 934	8 124	4 647	60	706	44 903
1958	41 365	8 124	9 565	9 502	5 701	98	1 445	75 800
1959	12 206	5 556	11 525	9 801	5 408	58	586	45 140
1960	11 439	5 736	5 657	7 437	4 988	90	616	35 963
1961	18 521	4 198	17 137	12 321	4 425	83	629	57 314

In order to compare landed and marketing trends, Table III has been prepared showing landed and marketed values by species for 1953-1961. Also shown broken down by species is the production and utilization of salmon in 1960 and 1961 (Table IV).

**TABLE III - LANDED AND MARKETED VALUE OF SALMON, BY SPECIES**  
1953 - 1961

	<u>Landings</u> ( <u>Rd. Wt.</u> ) 000 lbs	<u>Landed</u> <sup>(1)</sup> <u>Value</u> \$ (000)	<u>Average</u> <u>Price per lb.</u> ¢	<u>Marketed</u> <sup>(2)</sup> <u>Value</u> \$ (000)	<u>% Landed to Marketed</u> <u>Value</u> %
<b><u>SOCKEYE</u></b>					
1953	35 340	7 788	22.0	16 111	48.3
1954	47 020	10 398	22.1	21 200	49.0
1955	16 650	4 003	24.0	9 337	42.9
1956	21 500	5 930	27.6	13 012	45.6
1957	15 730	4 427	28.1	9 295	47.6
1958	74 120	20 778	28.0	41 365	50.2
1959	18 060	5 626	31.2	12 206	46.1
1960	15 480	5 453	35.2	11 439	47.7
1961	26 622	8 860	33.3	18 521	47.8
<b><u>PINKS</u></b>					
1953	61 740	4 509	7.3	12 541	36.0
1954	25 760	1 996	7.7	6 057	33.0
1955	63 300	5 617	8.9	15 950	35.2
1956	28 970	2 612	9.0	7 943	32.9
1957	57 290	5 374	9.4	15 934	33.7
1958	33 910	3 152	9.3	9 565	33.0
1959	35 040	3 795	10.8	11 525	32.9
1960	16 990	2 014	11.9	5 657	35.6
1961	50 059	5 696	11.4	17 137	33.2
<b><u>CHUMS</u></b>					
1953	54 430	3 782	7.0	8 436	44.8
1954	74 400	5 453	7.3	11 965	45.6
1955	18 180	1 799	9.9	3 796	47.4
1956	27 430	3 317	12.1	6 318	52.5
1957	27 240	2 426	8.9	6 137	39.5
1958	38 110	3 749	9.8	8 124	46.1
1959	23 110	2 800	12.1	5 556	50.4
1960	20 320	3 106	15.3	5 736	54.1
1961	14 609	1 917	13.1	4 198	45.7
<b><u>COHO</u></b>					
1953	23 160	2 939	12.7	5 844	50.3
1954	20 690	3 133	15.1	6 335	49.5
1955	23 550	4 149	17.6	8 605	48.2
1956	25 150	5 725	22.8	10 758	53.2
1957	22 780	3 626	15.9	8 124	44.6
1958	24 700	5 383	21.8	9 502	56.6
1959	19 570	4 498	23.0	9 801	45.9
1960	14 230	4 386	30.8	7 437	59.0
1961	24 729	6 569	26.6	12 321	53.3
<b><u>SPRINGS</u></b>					
1953	15 670	2 771	17.7	4 216	65.7
1954	13 490	2 520	18.7	3 781	66.6
1955	12 530	2 879	23.0	4 196	68.6
1956	13 700	3 728	27.2	5 614	66.4
1957	12 650	3 005	23.8	4 647	64.7
1958	14 210	4 018	28.3	5 701	70.5
1959	13 510	3 757	27.8	5 408	69.5
1960	10 320	3 380	32.8	4 988	67.8
1961	9 093	3 064	33.7	4 425	69.2
<b><u>STEELHEAD</u></b>					
1953	470	59	12.6	124	47.6
1954	560	79	14.1	187	42.2
1955	240	34	14.2	76	44.7
1956	230	44	19.1	75	58.7
1957	160	27	16.9	60	45.0
1958	250	49	19.6	98	50.0
1959	130	27	20.8	58	46.6
1960	250	62	24.8	90	68.9
1961	204	46	22.5	83	55.4

(1) Landed value is based on average returns from both net and troll-caught salmon.

(2) Where products are unsold at the end of calendar year - prevailing prices at year-end have been used in evaluating inventories.

TABLE IV - PRODUCTION AND UTILIZATION OF SALMON, BY SPECIES IN 1960 & 1961

		1960			1961		
	Unit	Quantity	Value	Average Price	Quantity	Value	Average Price
SOCKEYE							
Canned	cases	226 844	11 407 227	50.29	398 205	18 468 341	46.38
Fresh Rnd.	cwt.	635	26 581	41.86	1 074	47 548	44.27
Fresh Drd.	cwt.	47	2 317	49.30	*		
Froz. Rnd.	cwt.	*			--		
Froz. Drd.	cwt.	49	2 683	54.75	*		
Other			184			5 042	
TOTAL			11 438 992			18 520 931	
PINKS							
Canned	cases	219 564	5 486 652	24.99	661 290	16 766 820	25.35
Fresh Rnd.	cwt.	276	4 420	16.01	1 972	30 345	15.39
Fresh Drd.	cwt.	219	5 786	26.42	818	21 556	26.35
Froz. Rnd.	cwt.	*			--		
Froz. Drd.	cwt.	5 833	159 443	27.33	8 912	317 801	35.66
Other			414			--	
TOTAL			5 656 715			17 136 522	
CHUMS							
Canned	cases	86 818	1 787 081	20.58	95 385	2 050 252	21.49
Fresh Rnd.	cwt.	44 855	1 086 265	24.22	23 332	521 818	22.36
Fresh Drd.	cwt.	28 161	855 385	30.37	15 052	455 669	30.27
Froz. Rnd.	cwt.	*			554	19 390	35.00
Froz. Drd.	cwt.	50 073	1 846 854	36.88	24 703	931 719	37.72
Froz. Steaks & froz. fillets	cwt.	1 867	112 283	60.14	2 359	127 325	53.97
Smoked	cwt.	*				91 660	
Other			48 203			4 197 833	
TOTAL			5 736 071				
COHO							
Canned	cases	91 504	3 908 165	42.71	241 379	8 634 062	35.77
Fresh Rnd.	cwt.	765	25 527	33.37	765	29 294	38.29
Fresh Drd.	cwt.	18 051	865 158	47.92	18 114	848 780	46.86
Froz. Rnd.	cwt.	*			1 033	51 000	49.37
Froz. Drd.	cwt.	48 139	2 585 442	53.70	48 316	2 646 019	54.76
Froz. Steaks & froz. fillets	cwt.	462	33 511	72.53	700	44 364	63.37
Mild Cured	cwt.	*			886	66 551	75.11
Other			18 933			1 388	
TOTAL			7 436 736			12 321 458	
SPRINGS							
Canned	cases	5 916	163 423	27.63	7 921	202 063	25.50
Fresh Rnd.	cwt.	2 536	109 063	43.01	5 108	209 893	41.09
Fresh Drd.	cwt.	39 199	2 097 491	53.48	30 395	1 630 969	53.66
Froz. Drd.	cwt.	35 763	1 928 569	53.92	28 355	1 754 563	61.88
Froz. Rnd.	cwt.				759	39 200	51.65
Mild Cured	cwt.	4 851	472 493	97.40	4 008	376 635	93.97
Smoked	cwt.	2 245	217 358	96.82	1 978	211 187	106.76
Other						975	
TOTAL			4 988 397			4 425 485	
STEELHEAD							
Canned	cases	504	15 151	30.06	978.5	29 644	30.29
Fresh Rnd.	cwt.	344	7 818	22.73	293	10 108	34.49
Fresh Drd.	cwt.	381	15 628	41.02	220	8 424	38.29
Froz. Rnd.	cwt.	237	9 990	42.15	150	7 122	47.48
Froz. Drd.	cwt.	870	40 975	47.10	585	27 205	46.50
TOTAL			89 562			82 503	
ALL SALMON (1)		\$ (000)'s					
Canned	cases	631 150	22 768	36.07	1 405 158.5	46 151	32.84
Fresh Rnd.	cwt.	49 411	1 260	25.50	32 544	849	26.09
Fresh Drd.	cwt.	86 058	3 842	44.64	64 631	2 967	45.91
Froz. Rnd.	cwt.				2 346	117	49.87
Froz. Drd.	cwt.	129 074	6 564	50.85	110 989	5 681	51.19
Froz. Steaks & froz. fillets	cwt.	2 329	146	62.68	3 059	172	56.22
Mild Cured	cwt.	5 103	491	96.22	4 894	443	90.51
Smoked	cwt.				2 750	304	103.05
Other (1)	cwt.		892			630	
TOTAL			35 963			57 314	

(1) NOTE: The total value of "ALL SALMON" includes such things as offal, caviar, paste, etc. which could not be shown under individual species headings because less than 3 companies reported.

\* Less than three companies reporting.

In 1961, sockeye and pinks together produced 1,059,495 cases, or 75% of the total canned salmon pack. On a value basis, those two species combined to contribute 62% of the total market value for all salmon production.

Although the chum catch was 30% lower than in 1960, the decline was mostly in fall runs and the canned pack mostly from summer stocks increased about 10% to 95,385 cases.

A substantial increase in the coho catch, about 75% higher than 1960, produced a fairly substantial pack of 241,000 cases, worth 8.6 million dollars and other coho marketings of 3.7 million dollars.

The volume of spring salmon landings declined approximately 10% and total market value dropped proportionately to 4.4 million dollars. The average price of fresh dressed production showed no significant change, although unit values for frozen dressed marketings were higher in 1961.

TABLE V - CANNED SALMON PACK IN B.C. BY SPECIES - 1951 - 1961

	<u>Cases (48 lbs.)</u>						<u>Marketed Value</u>
	<u>Sockeye</u>	<u>Pinks</u>	<u>Chums</u>	<u>Coho</u>	<u>Other</u>	<u>Total</u>	<u>\$ (000's)</u>
1951	428 299	735 468	460 421	304 540	17 354	1 946 082	47 368
1952	449 494	679 182	91 886	64 953	13 042	1 298 557	28 505
1953	510 147	794 764	394 113	110 164	16 079	1 825 267	36 035
1954	680 719	335 550	580 574	128 080	17 813	1 742 736	38 402
1955	244 821	831 253	124 860	185 723	19 443	1 406 100	32 611
1956	320 096	363 614	203 710	207 915	12 924	1 108 259	31 634
1957	228 452	751 608	239 539	193 058	11 608	1 424 265	35 283
1958	1 074 305	451 801	230 636	131 528	11 755	1 900 025	58 742
1959	256 170	458 597	133 128	213 105	16 097	1 077 097	34 444
1960	226 844	219 564	86 818	91 504	6 420	631 150	22 768
1961	398 205	661 290	95 385	241 379	8 899	1 405 158	46 151

The 1961 canned salmon pack of 1,405,158 cases was slightly below the ten-year, 1951-1960, average of 1,435,953 cases. However, the value of all salmon at 46,151,000 dollars has been exceeded only by the top year of 1958 and 1951.

#### HERRING

After the low year of 1960 (93,800 tons), when fishing was curtailed for most of the year, the 1961 herring fishery rebounded with the exceptionally good catch of 224,200 tons. The total value of herring products at 8.2 million dollars was above the 1951-60 average, even though some of those years experienced stronger unit prices for meal and oil.

The herring fishery continued to have its dependence on meal and oil markets as other forms of marketing, such as canning and specialty products, were light.

TABLE VI - TOTAL LANDINGS & MARKETINGS OF HERRING & PRODUCTS

	<u>1951 - 1961</u>						
	<u>Herring Landings</u> tons	<u>Landed Value</u> \$ (000's)	<u>Herring Oil</u> 000 lbs.	<u>Herring Meal</u> tons	<u>Canned</u> Cases (48 lbs.)	<u>Dry Salted</u> 000 lbs.	
1951	182 716	5 654	30 042	30 842	159 636	10 082	10 640
1952	94 748	3 201	14 412	17 149	552	7 532	4 235
1953	149 120	3 678	26 207	23 618	71 196	6 058	6 518
1954	180 481	4 565	29 453	31 065	1 690	3 900	7 340
1955	152 846	4 187	28 062	27 410	N/A (1)	N/A (1)	7 323
1956	245 698	7 077	40 931	45 304	N/A (1)	N/A (1)	10 660
1957	147 688	4 892	22 386	25 296	N/A (1)	N/A (1)	6 290
1958	202 561	6 712	38 301	36 115	N/A (1)	N/A (1)	8 990
1959	222 016	7 355	43 102	41 696	--	N/A (1)	8 843
1960	93 838	2 178 (2)	17 918	17 634	N/A (1)	--	3 450
1961	224 217	4 589	41 671	40 817	N/A (1)	N/A (1)	8 207

(1) N/A: not available; less than 3 firms reporting.

(2) Revised from B. C. Catch Statistics - 1960.

## HALIBUT

Halibut landings by Canadian fishermen to B. C. ports took a slight drop at 25.0 million pounds, compared to 27.2 million pounds in 1960. There was also a decline in landings by Canadians at American ports, with 4,530,000 pounds reported, compared to 6,706,000 pounds in 1960. Combining all Canadian landings brings the total Canadian catch to 29,48 million pounds.

Unit prices were approximately 5¢ higher per pound to the fisherman, with the average per pound price of 21.31¢. Market values were also good and total market value rose to \$7,099,000 for B. C. landings.

TABLE VII - LANDINGS & MARKETINGS OF HALIBUT - 1949 - 1961

	Total Landings (1) 000 lbs.	Landed Value \$ (000's)	Average per lb. ¢	Marketed Value \$ (000's)	Average per lb. ¢
1949	17 997	2 785	15.47	4 037	22.43
1950	18 882	3 837	20.32	5 430	28.76
1951	20 214	3 429	16.96	5 604	27.72
1952	23 489	3 955	16.83	5 532	23.55
1953	24 882	3 661	14.71	5 553	22.32
1954	25 200	3 984	15.81	5 965	23.67
1955	19 679	2 555	12.98	3 924	19.94
1956	23 316	5 067	21.73	6 636	28.46
1957	22 647	3 697	16.32	5 616	24.80
1958	23 707	4 902	20.68	6 690	28.22
1959	23 798	4 398	18.48	6 236	26.20
1960	27 162	4 379	16.12	6 534	24.06
1961	24 951	5 316	21.31	7 099	28.45

(Livers Excluded)

(1) Not including Canadian landings of halibut in Alaska and Washington in 1961 - 4,530,000 pounds.

## SOLES

Total sole landings of 6,080,000 pounds were 20% lower than in 1960 and the market value was down also at \$552,000, compared to \$795,000 last year. Production of fresh and frozen fillets was marketed for \$515,000.

## CRAB AND SHRIMP

A substantial drop occurred in shrimp landings with 1,206,000 pounds reported, well down from the 1,678,000 pounds handled last year. This drop, no doubt, in part reflects the interest of combination boats being directed to the salmon fishery as more lucrative in 1961. Production of fresh and frozen shrimp meat totalled 270,000 pounds valued at \$330,000.

Crab production declined from 5,068,000 pounds in 1960 to 4,601,000 pounds in 1961, with a market value of \$470,000. Crab meat production totalled 301,000 pounds, valued at \$345,000.

TABLE VIII - TOTAL LANDINGS AND MARKETINGS OF CRAB AND SHRIMP

1954 - 1961

LANDINGS		VALUE		Whole (000)'s pounds	FRESH AND FROZEN		Total Marketed
Crab (000)'s pounds	Shrimp	Crab \$ (000)'s	Shrimp \$ (000)'s		Meat (000)'s pounds	Canned cases 48-lb.	Value \$ (000)'s
1954	4 188	951	459	140	1 403	337	10 364
1955	4 514	1 088	468	181	1 502	568	7 088
1956	3 791	1 216	392	199	1 967	468	6 610
1957	3 030	1 597	298	256	848	541	7 767
1958	4 209	1 909	384	305	710	517	14 004
1959	4 323	1 043	438	172	1 841	351	14 495
1960	5 068	1 678	515	299	1 841	659	14 459
1961	4 601	1 206	470	194	1 000	571	7 558

## OTHER SPECIES

In order of market value importance, some of the less noteworthy species follow, with 1960 comparative values in brackets.

Ling Cod	-	\$551,000	(\$593,000)
Grey Cod	-	\$487,000	(\$647,000)
Oysters	-	\$480,000	(\$406,000)
Clams	-	\$324,000	(\$535,000)
Black Cod	-	\$147,000	(\$253,000)

## VESSELS & BOATS (Tables 5 and 6)

A total of 8,856 boats operated in the B. C. fishing industry in 1961, an increase of 233 or 2.7% over the previous year. This includes 136 additional boats in the over-ten ton class, 44 more in the less-than-10-ton class but longer than 20 feet and an additional 53 in the 20-foot or less class.

The increase in numbers, coupled with higher boat values resulted in an 8% increase in 1961 and the total value of boats rose to \$53,803,000, compared to \$49,601,000 in 1960.

A more precise breakdown of boat classification in Table 5 has resulted in an increase in the specific groupings and a decline in the "other or not classified" group.

There was also a number of boats, particularly gillnetters and trollers and combination boats, that had been classified in 1960 in the less-than-10 ton group that should have been classified as 10 tons or more. This change in classification is shown in this year's tabulation.

## GEAR AND EQUIPMENT (Table 7)

The inventory of fishing gear and equipment at the end of 1961 totalled \$8,946,000, an increase of 4.7% over the \$8,545,000 reported for 1960.

Higher values for salmon gillnets and seines and a greater number of crab traps accounted for the increase.

It should be noted that gear and equipment used during the year and worn out is considered as a recurring expense and does not appear in the table since such gear has no year-end value.

## NUMBER OF FISHERMEN LICENCED IN B. C. (Table 8)

The number of fishermen licenced in B. C. increased from 14,191 in 1960 to 15,660 in 1961.

## ACKNOWLEDGEMENTS

The information in this report on marketed values is provided by the fishing companies operating in British Columbia under a co-operative arrangement with the Bureau of Statistics.

The information on boats and gear is provided by the Fishery Officers of the Department located in the coastal areas. Information on licences is a summary of a more complete report on licencing issued by the Vancouver Office of the Department of Fisheries. Mr. S. L. Young, Economist with the Department of Fisheries in Vancouver has full responsibility for the collection and compilation of this report.

April 16, 1962.

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**TABLE 1 - QUANTITIES LANDED AND VALUE OF ALL PRODUCTS MARKETED  
OF THE MOST IMPORTANT SPECIES - 1961**

<u>Kind of Fish</u>	<u>Quantities Landed</u> ( 000's lbs.)	<u>Landed Value</u> \$ (000's)	<u>Marketed Value</u> \$ (000's)
Salmon	121 633	26 152	57 314
Herring	448 433	4 589	8 207
Halibut	24 951	5 316	7 099
Crab and Shrimps	5 808	664	1 511
Ling Cod	4 518	424	551
Grey Cod	3 439	170	487
Oysters	6 387	369	480
Soles	6 080	356	552
Black Cod	668	118	147
Clams	2 337	76	324
Livers	1 595	226	122
Other Items	9 699	318	1 092
T O T A L	635 548	38 778	77 886

**TABLE 2 - LANDED AND MARKETED VALUE OF FISH AND  
FISH PRODUCTS IN BRITISH COLUMBIA - 1947 - 1961**

<u>Year</u>	<u>Landed Value</u> \$ (000's)	<u>Marketed Value</u> \$ (000's)
1947	22 354	58 596
1948	32 643	58 808 (1)
1949	27 251	56 425 (1)
1950	36 345	69 171 (1)
1951	40 638	84 057 (1)
1952	30 158	56 835 (1)
1953	31 781	65 756 (1)
1954	35 044	70 071 (1)
1955	28 330	60 725 (1)
1956	36 597	67 522
1957	30 757	63 108
1958	52 053	98 458
1959	35 724	66 377
1960	27 962	52 259
1961	38 778	77 886

(1) Revised

Not included: salmon pack canned from previous year's frozen stock.



TABLE 3 - LANDINGS AND MANUFACTURED PRODUCTS MARKETING IN B.C. - 1961

<u>KIND OF FISH</u>	<u>Unit of Measure</u>	<u>Quantity</u>	<u>Value \$(000's)</u>
<u>Black Cod Landed</u>	000 lb.	668	118
Marketed			
Fresh	"	13	3
Frozen	"	440	90
Smoked & Fillets	"	111	54
Total Value Marketed			<u>147</u>
<u>Clams Landed</u>	000 lb.	2 337	76
Marketed			
Fresh	"	509	55
Meat	"	4	2
Canned	48- lb. cases	12 563	245
Other			22
Total Value Marketed			<u>324</u>
<u>Crabs Landed</u>	000 lb.	4 601	470
Marketed			
Fresh	"	282	52
Frozen	"	696	235
Meat	"	301	345
Canned	48-lb. cases	7 558	411
Other	--	--	101
Total Value Marketed			<u>1 144</u>
<u>Eulachon Landed</u>	000 lb.	478	43
Marketed			
Fresh	"	188	26
Frozen, fillets, barbecued	"	133	38
Total Value Marketed			<u>64</u>
<u>Flounders Landed *</u>	000 lb.	269	11
Marketed			
Fresh whole & fresh fillets	"	203	17
Frozen whole & frozen fillets	"	10	3
Total Value Marketed			<u>20</u>
<u>Grey Cod Landed *</u>	000 lb.	3 439	170
Marketed			
Fresh	"	210	20
Fresh fillets	"	367	100
Frozen whole & frozen fillets	"	349	88
Bait	"	6	61
Other	--	--	218
Total Value Marketed			<u>487</u>
<u>Halibut Landed</u>	000 lb.	24 951	5 316
Marketed			
Fresh	"	3 191	844
Frozen	"	17 357	5 016
Fresh & frozen fillets	"	651	348
Frozen fletches, cheeks, blocks	"	1 500	780
Frozen steaks	"	125	65
Other	--	--	46
Total Value Marketed			<u>7 099</u>
<u>Herring Landed</u>	000 lb.	448 433	4 589
Marketed			
Fresh	"	419	17
Frozen	"	172	18
Bait	"	3 386	129
Body and offal oil	"	41 671	2 735
Body and offal meal	tons	40 817	5 022
Other herring products	--	--	286
Total Value Marketed			<u>8 207</u>

\* Not including quantity used for non-food purposes.

TABLE 3 (Cont'd) - LANDINGS AND MANUFACTURED PRODUCTS MARKETING IN B.C. - 1961

<u>KIND OF FISH</u>	<u>Unit of Measure</u>	<u>Quantity</u>	<u>Value \$ (000's)</u>
<u>Ling Cod Landed</u>	000 lb.	4 518	424
Marketed			
Fresh	"	1 269	194
Frozen	"	214	34
Fresh fillets	"	719	198
Frozen fillets & steaks	"	411	124
Other			1
Total Value Marketed			<u>551</u>
<u>Livers and Viscera: Landed Value *</u>			226
Marketed Values			<u>122</u>
(See Liver Summary - Page 10 )			
<u>Miscellaneous</u>			
Fish Landed (1)	000 lb.	8 022(1)	206
Marketed (2)			
Fresh and Frozen	"	82	13
Meal N.E.S.	tons	56	6
Other by-products and specialties	--	--	872
Total Value Marketed (2)			<u>891</u>
<u>Oysters Landed</u>	000 lb.	6 387 (85 164) gals.	369
Marketed			
Fresh (1/2 pt. 291 216)			305
(pts. 16 000)			
(quarts 36 790)			
(gallons 28 979)			
Fresh & Frozen	8 oz. pk.	38 690	16
Other	--	--	159
Total Value Marketed			<u>480</u>
<u>Red and Rock Cod Landed</u>	000 lb.	665	29
Marketed			
Fresh	"	526	60
Frozen	"	28	3
Fresh & frozen fillets, blocks	"	21	5
Total Value Marketed			<u>68</u>
<u>Salmon Landed</u>	000 lb.	121 633	26 152
Marketed			
Fresh Round	"	3 254	849
Fresh Dressed	"	6 463	2 967
Frozen Round	"	235	117
Frozen Dressed	"	11 099	5 681
Frozen fillets and frozen steaks	"	306	172
Mild Cured	"	489	443
Smoked	"	275	304
Canned	48-lb. cases	1 405 158	46 151

TABLE 3 (Cont'd) - LANDINGS AND MANUFACTURED PRODUCTS MARKETED IN B.C. - 1961

<u>KIND OF FISH</u>	<u>Unit of Measure</u>	<u>Quantity</u>	<u>Value \$ (000's)</u>
<u>Smelts Landed</u>	000 lb.	118	15
Marketed			
Fresh, frozen, fillets	"	78	23
Total Value Marketed			<u>23</u>
<u>Shrimps and Prawns Landed</u>	000 lb.	1 207	194
Marketed			
Fresh and frozen	"	23	11
Fresh Meat	"	199	239
Frozen Meat	"	71	91
Other	--	--	26
Total Value Marketed			<u>367</u>
<u>Skate Landed</u>	000 lb.	112	5
Marketed			
Fresh, frozen, wings & fillets	"	110	13
Total Value Marketed			<u>13</u>
<u>Soles Landed *</u>	000 lb.	6 080	356
Marketed			
Fresh	"	301	33
Frozen	"	26	4
Fresh fillets	"	461	168
Frozen fillets	"	957	347
Total Value Marketed			<u>552</u>
<u>Sturgeon Landed</u>	000 lb.	36	9
Marketed			
Fresh and frozen	"	36	13
Total Value Marketed			<u>13</u>

SUMMARY OF LIVER PRODUCTION

LANDED

	<u>000 lbs.</u>	<u>\$ 000</u>
Halibut Livers	72	10
Black Cod Livers	1	**
Ling Cod Livers	45	10
Greyfish Livers (1)	1 477	206
Total Landed Value (1)		<u>226</u>

MARKETED

	<u>M/U's</u>	<u>\$ 000</u>
Greyfish Vitamin Oil	2 805 609	80
Other Vitamin Oil	585 376	41
Livers in Storage (000 lb.)	4	1
Total Value Marketed		<u>122</u>

\* Not including quantity used for non-food purposes

\*\* Less than \$500.

(1) Includes Federal Government subsidy on greyfish livers amounting to 12¢ per pound and totalling \$177,000.

**TABLE 4 - BRITISH COLUMBIA SALMON PACK - AREA WHERE CANNED, 1961**  
(48 lb. Cases)

AREA	SOCKEYE	RED SPRING	PINK SPRING	WHITE SPRING	STEELHEADS	BLUEBACKS	COHO	PINKS	CHUMS	TOTAL
Districts 1 & 3	239 667	1 735	2 678	1 471	587 1/2	12 527 1/2	153 994	286 544 1/2	28 994	728 198 1/2
District 2	158 538	412	1 022 1/2	602 1/2	391		74 857 1/2	374 745 1/2	66 391	676 960
TOTAL	398 205	2 147	3 700 1/2	2 073 1/2	978 1/2	12 527 1/2	228 851 1/2	661 290	95 385	1 405 158 1/2

1961 canned production from 1960 stock (not included above):

	<u>Cases</u>	<u>\$</u>
Sockeye	31	1 457
Pink Spring	6	138
Coho	5 195 1/2	187 038
Pinks	168	4 378
Chums	15	338
	<hr/>	<hr/>
TOTAL	5 415 1/2	193 349
	<hr/>	<hr/>

TABLE 5 - INVENTORY OF BOATS 10 TONS & OVER IN  
BRITISH COLUMBIA - 1961

Type of Boat	DIESEL			GAS			TOTAL		
	No. Boats	No. Tons	Value \$(000's)	No. Boats	No. Tons	Value \$ (000's)	No. Boats	No. Tons	Value \$ (000's)
Packer	143	6 140	5 734	9	140	130	152	6 280	5 864
Seiner	290	8 454	9 050	20	237	223	310	8 691	9 273
Long Liner	54	978	1 257	17	201	192	71	1 179	1 449
Collector	43	569	570	29	367	333	72	936	903
Seiner-Packer	56	1 979	2 279	4	49	47	60	2 028	2 326
Seiner-Long Liner	57	2 048	2 895	6	77	69	63	2 125	2 964
Long Liner-Packer	45	1 545	1 324	1	10	8	46	1 555	1 332
Other and Not Classified	213	3 316	3 867	197	2 209	2 166	410	5 525	6 033
TOTAL	901	25 029	26 976	283	3 290	3 168	1 184	28 319	30 144

TABLE 6 - INVENTORY OF BOATS LESS THAN 10 TONS  
IN BRITISH COLUMBIA - 1961

Type of Boat	Longer than 20 ft.		20 feet or less		TOTAL	
	No. Boats	Value \$ (000's)	No. Boats	Value \$ (000's)	No. Boats	Value \$ (000's)
Gillnet - Gas	3 055	10 655	214	126	3 269	10 781
Gillnet - Diesel	185	2 217			185	2 217
Gillnet - Row or Canoe			51	11	51	11
Troll - Gas	1 427	5 695	1 193	493	2 620	6 188
Troll-Diesel & Steam	144	1 446			144	1 446
Troll - Row or Canoe			155	13	155	13
Other - Gas (1)	365	1 337	241	244	606	1 581
Other - Diesel (1)	42	465			42	465
Other - Row or Canoe			472	100	472	100
Collector - Gas	88	451			88	451
Collector - Diesel	40	406			40	406
TOTAL	5 346	22 672	2 326	987	7 672	23 659

Number of Men Engaged in Primary Fishery (Table 5 - Table 6)

Total fishermen licensed (2)	15 660
Number of men on packers, collectors	<u>1 145</u>
TOTAL MEN	<u>16 805</u>

(1) Includes combination

(2) See Licence Summary - Table 8

TABLE 7 - INVENTORY AT END OF CALENDAR YEAR OF GEAR AND EQUIPMENT  
USED IN PRIMARY FISHERY - 1961

TYPE OF GEAR	NUMBER	VALUE \$ (000's)
Salmon Gillnets	8 010	2 902
Herring Gillnets	112	7
Smelt Gillnets	54	3
Eulachon Gillnets	54	5
Grayfish Gillnets	120	6
Salmon Purse Seines	500	1 857
Salmon Drag Seines	8	6
Herring Purse Seines	109	861
Herring Trawl Nets	37	24
Other Seines	81	16
Trawl Nets & Fittings	135	86
Shrimp Trawl Nets	179	34
Troll Lines, Wire	11 345	410
Troll Lines, Cotton & Nylon	2 106	41
Skates of Gear	8 747	408
Crab Traps	17 206	398
Shrimp Traps	1 341	9
Oyster Rakes & Baskets		*
Clam Forks	695	2
Tuna Gear	-	1
Wharves, Floats, Net Racks	-	815
Ice Houses & Freezers	4	51
Buying Scows & Barges	170	978
Bluestone Barrels (1)	-	21
Herring Pounds	36	5
TOTAL VALUE		8 946

(1) Becoming obsolete with advent of synthetic nets.

\* Less than \$500

TABLE 8 - NUMBER OF FISHERMEN LICENSED IN BRITISH COLUMBIA - 1953 - 1961

<u>ONE LICENCE ONLY</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
Gillnet	3 764	3 742	3 109	2 868	3 102	3 907	3 522	3 488	3 925
Captain Salmon Purse Seine	212	165	143	172	157	168	171	166	186
Troll	3 446	3 429	2 861	2 647	3 153	3 894	4 403	4 266	4 711
Assistant Salmon Purse Seine	1 765	1 773	1 483	1 376	1 420	1 447	1 528	1 474	1 494
Halibut	117	263	539	498	526	477	486	450	399
Assistant Herring	108	70	78	192	(	(	(	(	135
One Other Licence	432	443	430	466	(	593	(	773	683
<b>TOTAL WITH ONE LICENCE</b>	<b>9 844</b>	<b>9 885</b>	<b>8 643</b>	<b>8 219</b>	<b>8 819</b>	<b>10 486</b>	<b>10 896</b>	<b>10 577</b>	<b>11 533</b>
<b><u>TWO LICENCES</u></b>									
Gillnet & Troll	176	234	186	182	214	383	337	408	485
Gillnet & A/Seine	79	89	73	79	74	73	52	57	89
Gillnet & Halibut	209	307	383	274	417	430	303	269	287
Gillnet & 1 Other Licence	294	330	331	306	325	366	382	388	430
Captain Salmon & Herring Asst.	32	44	56	49	37	42	36	45	51
Captain Salmon & Herring Capt.	44	59	53	51	61	60	61	51	52
Captain Salmon-Halibut	28	56	77	60	64	62	55	43	48
Captain Salmon-Troll	63	64	55	58	62	66	59	52	50
Captain Salmon & 1 Other	31	26	21	29	22	24	31	27	39
Troll & Seine Asst.	222	207	149	144	163	189	187	184	210
Troll & Halibut	74	81	136	77	88	86	95	73	99
Troll & 1 Other	228	265	252	192	280	405	448	520	642
Asst. Salmon & Herring Asst.	305	447	345	290	395	404	341	227	360
Asst. Salmon & Halibut	28	59	267	156	211	239	240	206	179
Asst. Salmon & 1 Other	45	69	87	60	49	75	65	89	106
Two Other Licences Not Salmon	46	60	81	160	94	88	124	132	113
<b>TOTAL WITH TWO LICENCES</b>	<b>1 904</b>	<b>2 397</b>	<b>2 552</b>	<b>2 167</b>	<b>2 556</b>	<b>2 992</b>	<b>2 816</b>	<b>2 771</b>	<b>3 240</b>
<b><u>THREE OR MORE LICENCES</u></b>									
Gillnet, Troll & 1 Other	64	102	91	107	124	200	169	223	246
Gillnet & Two Other	64	66	101	93	90	138	131	144	134
Gillnet & Three or More Licences	11	15	22	16	46	32	36	53	47
Troll & Two or More Licences	83	130	168	123	169	151	150	163	173
Captain Salmon & Two or More	26	44	57	26	42	58	58	64	81
Asst. Salmon, Asst. Herring & Halibut	2	18	188	70	144	157	153	117	144
Asst. Salmon & Two or More Licences	10	20	34	25	20	51	50	67	56
Three or More Other Types of Licences		3	4	7	6	1	4	12	6
<b>TOTAL WITH THREE OR MORE LICENCES</b>	<b>260</b>	<b>398</b>	<b>665</b>	<b>467</b>	<b>641</b>	<b>788</b>	<b>751</b>	<b>843</b>	<b>887</b>
<b>TOTAL NUMBER OF LICENCEES</b>	<b>12 008</b>	<b>12 680</b>	<b>11 860</b>	<b>10 853</b>	<b>12 016</b>	<b>14 266</b>	<b>14 463</b>	<b>14 191</b>	<b>15 660</b>

Source: British Columbia Licence Report Summary - 1961 - March 21, 1962.

Department of Fisheries  
Economics Branch  
Pacific Area