FISHERIES STATISTICS

of

BRITISH COLUMBIA

1963

(PRELIMINARY)

COMPILED AND PUBLISHED BY THE
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SUMMARY OF FISHERIES STATISTICS OF BRITISH COLUMBIA - 1963

Total Value of Fish Products

For 1963, the market value of fish, whale, hair seal, and liver products amounted to 76.0 million dollars, compared with 94.7 million dollars in 1962.

Salmon products had a market value of almost 49 million dollars, other species including whales nearly 27 million dollars, and vitamin products $57,000.

As in past years, this value does not include:-

- the market value of halibut landed by B.C. fishermen at United States ports in Washington and Alaska, which in 1963 amounted to 11,341,000 pounds.

- the market value of tuna imported and processed in B.C.

Together, these items had a total value of $4,108,000.

Noteworthy among the factors influencing production and the market year were:-

(1) A general strike in the fishing industry, lasting from July 13 to August 3.

(2) A canned pack of 1,203,271 cases, below the 10-year 1953-1962 average of 1.4 million cases.

(3) An all time record of herring production, at 286,290 tons, and a record product value of $11,695,000. (In five of the last six years production has exceeded 200,000 tons).

(4) A dip in the average unit price of halibut amounting to 9.6¢ per pound, and a subsequent drop in market value from 9.3 million dollars in 1962 to 8.0 million dollars in 1963.

(5) Continuation of the whaling agreement negotiated in 1962.

SALMON

The market value of all salmon products amounted to 49.0 million dollars, compared with 69.8 million dollars in 1962. The canned pack of 1,203,271 cases was valued at 34.5 million dollars.

The pink pack of 757,452 cases was valued at 17.9 million dollars, and comprised 63% of the total canned pack.

TABLE 1 - MARKETING OF SALMON BY SPECIES - 1953 - 1963

$ (000's)

	Sockeye	Chums	Pinks	Cohos	Springs	Steelhead	Not Classified	Total
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
1962	15 444	5 493	30 646	12 167	5 146	94	773	69 763
1963	8 499	4 366	18 550	11 377	5 435	58	675	48 960

TABLE II - LANDED & MARKETED VALUE OF SALMON - 1950 - 1963

$ (000's)

	Landed Value	Canned	Fresh	Mild Cured	Frozen	Other	Total
1950	24 336	31 369	9 013	437	7 270	613	48 702
1951	28 396	47 368	4 820	433	7 348	781	60 750
1952	19 555	28 505	5 194	471	5 856	469	40 495
1953	21 848	36 035	5 018	369	5 739	775	47 936
1954	23 579	38 402	6 018	249	4 760	852	50 281
1955	18 481	32 611	4 115	329	4 748	1 066	42 869
1956	21 356	31 634	4 630	425	6 840	777	44 306
1957	18 885	35 283	4 494	401	3 799	926	44 903
1958	37 129	58 742	6 702	558	7 931	1 867	75 800
1959	20 503	34 444	4 736	539	4 452*	969*	45 140
1960	18 401	22 768	5 102	491	6 721	881	35 963
1961	26 152	46 151	3 816	443	5 969	935	57 314
1962	30 559	55 801	4 286	442	8 080	1 154	69 763
1963	22 758	34 463	3 525	415	9 576	981	48 960

* Amended

Table III has been prepared to indicate landings and value, average prices, along with market values by salmon species.

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

1953 - 1963

	Landings (Rd. Wt.) 000 lbs.	Landed (1) Value $(000)	Average Price per lb. ¢	Marketed (2) Value $ (000)	% Landed to Marketed Value %
SOCKEYE					
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
1962	20 105	6 723	33.4	15 444	43.5
1963	11 873	4 002	33.7	8 499	47.1
PINKS					
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
1962	93 592	10 909	11.7	30 646	35.6
1963	60 577	6 073	10.0	18 550	32.7
CHUMS					
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
1962	18 054	2 196	12.2	5 493	40.0
1963	15 426	1 969	12.8	4 366	45.1
COHO					
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
1962	26 610	6 900	25.9	12 167	56.7
1963	25 481	6 658	26.1	11 377	58.5
SPRINGS					
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
1962	9 066	3 774	41.6	5 146	73.3
1963	10 165	4 020	39.5	5 435	74.0
STEELHEAD					
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
1962	240	57	23.8	94	60.6
1963	146	36	24.7	58	62.1

(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 1962 & 1963

	Unit	1962 Quantity	1962 Value	1962 Average Price $	1963 Quantity	1963 Value	1963 Average Price $
SOCKEYE							
Canned - 48#	Cases	297 716	15 343 866	51.54	158 375	8 324 734	52.56
Fresh Rnd.	cwt.	131	5 070	38.70	1 642	73 985	45.06
Fresh Drs.	cwt.	161	7 623	47.35	*	-	-
Froz. Rnd.	cwt.	78	3 825	49.04	-	-	-
Froz. Drs.	cwt.	94	3 617	38.48	*	-	-
Other		-	79 817	-	-	100 279	-
TOTAL		-	15 443 818	-	-	8 498 998	-
PINKS							
Canned - 48#	cases	1 188 661	30 337 000	25.52	757 452 1/2	17 862 786	23.58
Fresh Rnd.	cwt.	2 023	34 432	17.02	8 095	124 701	15.40
Fresh Drs.	cwt.	573	16 924	29.54	3 047	86 598	28.42
Froz. Rnd.	cwt.	75	1 970	26.27	205	5 118	24.97
Froz. Drd.	cwt.	7 142	255 227	35.74	14 658	470 793	32.12
Other		-	-	-	-	300	-
TOTAL		-	30 645 553	-	-	18 550 296	-
CHUMS							
Canned - 48#	cases	134 483	3 024 801	22.49	119 190	2 546 703	21.37
Fresh Rnd.	cwt.	26 043	562 718	21.61	16 251	341 146	20.99
Fresh Drs.	cwt.	8 194	276 925	33.80	6 277	219 460	34.96
Froz. Rnd.	cwt.	76	2 690	35.39	398	10 827	27.20
Froz. Drs.	cwt.	34 248	1 370 209	40.01	28 003	959 313	34.26
Froz. Steaks & froz. fillets	cwt.	3 354	208 252	62.09	3 394	217 123	63.97
Other	cwt.	-	47 347	-	-	71 012	-
TOTAL		-	5 492 942	-	-	4 365 584	-
COHO & (BLUEBACK)							
Canned - 48#	cases	187 735	6 886 213	36.68	157 482 1/2	5 477 978	34.78
Fresh Rnd.	cwt.	2 322	78 396	33.76	1 199	41 919	34.96
Fresh Drs.	cwt.	20 899	974 231	46.62	16 585	760 240	45.84
Froz. Rnd.	cwt.	75	3 053	40.71	2 452	97 307	39.68
Froz. Drs.	cwt.	73 681	4 016 094	54.51	90 818	4 891 551	53.86
Froz. Steaks & froz. fillets	cwt.	1 601	93 184	58.20	639	49 999	78.25
Mild Cured	cwt.	1 487	112 794	75.85	635	50 050	78.81
Other		-	2 750	-	-	7 963	-
TOTAL		-	12 166 715	-	-	11 377 007	-
SPRINGS							
Canned - 48#	cases	7 175	185 734	25.89	10 000	229 837	22.98
Fresh Rnd.	cwt.	8 712	444 833	51.06	4 986	243 275	48.79
Fresh Drs.	cwt.	27 633	1 871 572	67.73	25 374	1 616 930	63.72
Froz. Drs.	cwt.	27 240	2 043 428	75.02	41 268	2 821 677	68.37
Froz. Rnd.	cwt.	45	2 567	57.04	278	22 645	81.46
Mild Cured	cwt.	3 304	329 041	99.59	3 508	364 883	104.01
Smoked	cwt.	2 006	234 924	117.11	967	126 810	131.14
Other		-	34 201	-	-	9 000	-
TOTAL		-	5 146 300	-	-	5 435 057	-
STEELHEAD							
Canned - 48#	cases	815	23 060	28.29	771 1/2	21 273	27.57
Fresh Rnd.	cwt.	212	6 395	30.17	114	3 671	32.20
Fresh Drs.	cwt.	186	7 083	38.08	151	5 103	33.79
Froz. Rnd.	cwt.	476	21 033	44.19	86	3 102	36.07
Froz. Drs.	cwt.	468	20 670	44.17	405	16 839	41.58
Other		-	16 126	-	-	7 605	-
TOTAL		-	94 367	-	-	57 593	-
ALL SALMON (1)			$ (000)			$ (000)	
Canned - 48#	cases	1 816 585	55 801	30.72	1 203 271 1/2	34 463	28.64
Fresh Rnd.	cwt.	39 443	1 132	28.70	32 287	829	25.68
Fresh Drs.	cwt.	57 646	3 154	54.71	51 658	2 697	52.21
Froz. Rnd.	cwt.	825	35	42.42	3 420	139	40.64
Froz. Drs.	cwt.	142 873	7 709	53.96	175 152	9 160	52.30
Froz. Steaks & froz. fillets	cwt.	5 367	336	62.60	4 219	276	65.42
Mild Cured	cwt.	4 791	442	92.26	4 143	415	100.17
Smoked	cwt.	2 636	298	113.05	1 854	208	112.19
Other (1)		-	856	-	-	773	-
TOTAL		-	69 763	-	-	48 960	-

(1) NOTE: The total value of "ALL SALMON" includes such products as offal, oil, meal, caviar, etc. which could not be designated to particular species. Also included are the values of some items when less than 3 companies reported.

* Less than three companies reporting.

As in 1962, the pink salmon fishery provided the main substance of the net fishery. Of the total market value of salmon, pinks, at 18.6 million dollars contributed 38%. The canned pack of pinks amounted to 757,000 cases, or 63% of the total case pack.

Sockeye production had a market value of 8.5 million dollars, compared with 15.4 million dollars in 1962. Undoubtedly, sockeye production could have been much higher, save for the 3-week interruption in fishing caused by an industry dispute over wage and price agreements.

The chum pack at 119,000 cases was 15,000 cases below 1962's canned pack.

Canning of coho (including blueback) totalled only 157,000 cases, some 30,000 cases below last year. However, total coho sales of canned pack and all other forms amounted to 11.4 million dollars, very close to 1962's 12.2 million dollars.

TABLE V - CANNED SALMON PACK IN B.C. BY SPECIES - 1951 - 1963

Cases (48 lbs.)

	Sockeye	Pinks	Chums	Coho	Other	Total	Marketed Value $ (000's)
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
1963	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
1962	297 716	1 188 661	134 483	187 735	7 990	1 816 585	55 801
1963	158 375	757 452	119 190	157 483	10 771	1 203 271	34 463

The total canned pack of 1,203,271 cases was well below last year's 1,816,585 cases. In terms of market value, the canned pack at 34.5 million dollars was 21.4 million dollars below 1962's comparative value.

HERRING

The herring fishery established a record tonnage of production at 286,290 tons, helped by various extensions in permissible fishery time. Production of herring oil and meal established new levels also and the total value of all products amounted to 11.7 million dollars. This represents an increase of over 3 million dollars above 1962.

Oil and meal production continue to dominate the marketing as other product forms remain relatively insignificant.

TABLE VI - TOTAL LANDINGS & MARKETINGS OF HERRING & PRODUCTS

1951 - 1963

	Herring Landings	Landed Value	Herring Oil	Herring Meal	Canned	Dry Salted	Total Value All Products
	Tons	$ (000's)	000 lbs.	Tons	Cases (48 lbs.)	000 lbs.	$ (000's)
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	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
1962	222 637	4 752	40 243	41 299	N/A (1)	N/A (1)	8 492
1963	286 290	6 481	50 037	53 271	-	-	11 695

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

HALIBUT

British Columbia fishermen landed 25.9 million pounds in B.C. ports compared with 24.5 million pounds in 1962. Landings by Canadian fishermen to U.S. ports climbed even higher than last year's 10.0 million pounds to 11,341,000 pounds. In 1961, comparable landings totalled only 4.5 million pounds.

However, unit prices to fishermen fell sharply from the record level of 31.69¢ in 1962, to 22.06¢, slightly above 1961's unit value. The market value of halibut products reflected this drop in price as indicated by a total value of $7,993,000 compared with $9,312,000 in 1962.

TABLE VII - LANDINGS & MARKETINGS OF HALIBUT - 1949 - 1963

	Total Landings (1)	Landed Value	Average per lb.	Marketed Value	Average per lb.
	000 lbs.	$ (000's)	¢	$ (000's)	¢
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
1962	24 526	7 773	31.69	9 312	37.97
1963	25 933	5 721	22.06	7 993	30.82

(Livers Excluded)

(1) Not including Canadian landings of halibut in Alaska and Washington in 1963 - 11,341,000 pounds.

SOLES

Fresh and frozen sole fillets accounted for over 74% of the sole disposition. The market value for all products rose to $643,000 from $584,000 in 1962.

CRABS AND SHRIMP

Shrimp landings increased from 1,663,000 pounds in 1962 to 1,788,000 pounds in 1963. The chief disposition was in the form of picked meat, both fresh and frozen, and together were valued at $494,000.

Crab landings increased 23% to 3.4 million pounds and the market value from $945,000 in 1962 to 1.0 million dollars.

TABLE VIII - TOTAL LANDINGS AND MARKETINGS OF CRAB AND SHRIMP 1954 - 1963

	LANDINGS		VALUE		FRESH AND FROZEN			Total Marketed
	Crab	Shrimp	Crab	Shrimp	Whole	Meat	Canned	Value
	(000's)	pounds	$ (000's)		(000's) pounds	(000's) pounds	cases 48-lb.	$ (000's)
1954	4 188	951	459	140	1 403	337	10 364	1 169
1955	4 514	1 088	468	181	1 502	568	7 088	1 277
1956	3 791	1 216	392	199	1 967	468	6 610	1 289
1957	3 030	1 597	298	256	848	541	7 767	1 141
1958	4 209	1 909	384	305	710	517	14 004	1 264
1959	4 323	1 043	438	172	1 841	351	14 495	1 376
1960	5 068	1 678	515	299	1 841	659	14 459	1 729
1961	4 601	1 206	470	194	1 000	571	7 558	1 511
1962	2 771	1 663	302	268	1 335	546	3 735	1 415
1963	3 405	1 788	405	284	1 479	618	4 634	1 573

OTHER SPECIES

Ranked in order of market value some of the comparatively less important species follow, with 1962 values in brackets.

Oysters	-	781,000	(608,000)
Ling Cod	-	492,000	(544,000)
Clams	-	340,000	(448,000)
Grey Cod	-	705,000	(405,000)
Black Cod	-	162,000	(173,000)

In 1963, values of specialty prepared products are included under "other".

VESSELS & BOATS (Tables 5 and 6)

For 1963, 9,745 boats and vessels were reported in British Columbia fisheries. This includes 5 whaling vessels.

The inventory of boats "over 10 tons" numbered 1,367, valued at $39,010,000, compared with an estimated 1,210 and $31,879,000 in 1962.

In the category of "less than 10 tons", 8,378 boats were tabulated, represented an increase of 445 small boats. The total value was reported at $31,850,000.

It should be noted boat statistics were compiled from licence records in 1963, while in 1962 totals were obtained on an estimated count basis.

GEAR AND EQUIPMENT (Table 7)

Valuation on the inventory of gear, taken at the year-end, amounted to $10,096,000 compared with $9,946,000 in 1962.

Increases in numbers and value were noted in herring seines and herring trawl nets.

Also, the value of trolling lines rose $27,000 to $465,000, and the value of skates of gear $67,000 to $492,000.

NUMBER OF FISHERMEN LICENCED IN B.C.

In 1962, no licence analysis was performed but the number of fishermen was estimated at 15,060. In 1963, an IBM analysis placed the number of fishermen at 15,374.

ACKNOWLEDGEMENTS

The information on products and their market values is provided on annual production forms completed by all processors in British Columbia. Collection and tabulation is done by the Economics Branch of the Department of Fisheries, under arrangement with the Dominion Bureau of Statistics.

Finalization of these preliminary statistics is used by the Bureau to incorporate into the Fisheries Statistics of Canada.

This preliminary report has been compiled by Mr. S. L. Young, Economist with the Economics Branch of the Department of Fisheries in Vancouver.

April 15, 1964.

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TABLE 1 - QUANTITIES LANDED AND VALUE OF ALL PRODUCTS MARKETED OF THE MOST IMPORTANT SPECIES - 1963

Kind of Fish	Quantities (Landed) (000's lbs.)	Landed Value $ (000's)	Marketed Value $ (000's)
Salmon	119 320	22 758	48 960
Herring	572 580	6 481	11 695
Halibut	25 933	5 721	7 993
Crab and Shrimps	5 193	689	1 573
Ling Cod	3 238	379	492
Grey Cod	6 755	414	705
Oysters	12 778	635	781
Soles	5 686	359	643
Black Cod	597	104	162
Clams	3 146	103	340
Livers	163	28	57
Other Items	6 488	849	2 599
TOTAL	761 877	38 520	76 000

WHALES AND SEAL SKINS INCLUDED IN VALUES.
The values of products in combination and specialty form are included with "other items".

TABLE 2 - LANDED AND MARKETED VALUE OF FISH AND FISH PRODUCTS IN BRITISH COLUMBIA - 1949 - 1963

Year	Landed Value $ (000's)	Marketed Value $ (000's)
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	3[illegible] 757	63 108
1958	52 053	98 458
1959	35 724	66 377
1960	27 962	52 259
1961	38 778	77 886
1962	46 715	94 673
1963	38 520	76 000

(1) Revised

Not included: Salmon packs canned from previous year's frozen stock. Imported tuna processed in British Columbia.

TABLE 3 - LANDINGS AND MANUFACTURED PRODUCTS MARKETED IN B.C. - 1963

KIND OF FISH	Unit of Measure	Quantity	Value $(000's)
Black Cod Landed	000 lb.	597	104
Marketed			
Fresh	"	49	10
Frozen	"	350	83
Smoked & Fillets	"	143	69
Total Value Marketed			162
Clams Landed	000 lb.	3 146	103
Marketed			
Fresh	"	372	36
Canned	48 lb. cases	15 876	282
Other			22
Total Value Marketed			340
Crabs Landed	000 lb.	3 405	405
Marketed			
Fresh	"	405	77
Frozen	"	1 026	311
Meat	"	232	327
Canned	48 lb. cases	4 634	284
Other	-	-	1
Total Value Marketed			1 000
Eulachon Landed	000 lb.	351	29
Marketed			
Fresh	"	12	1
Frozen, fillets, barbecued	"	146	50
Total Value Marketed			51
Flounders Landed*	000 lb.	201	8
Marketed			
Fresh whole & fresh fillets	"	56	10
Frozen whole & frozen fillets	"	16	4
Total Value Marketed			14
Grey Cod Landed*	000 lb.	6 756	414
Marketed			
Fresh	"	271	30
Fresh fillets	"	548	140
Frozen whole & frozen fillets	"	1 926	483
Bait	"	553	40
Other	-	-	12 (1)
Total Value Marketed			705
Halibut Landed	000 lb.	25 933	5 721
Marketed			
Fresh	"	2 543	722
Frozen	"	17 873	5 173
Fresh & frozen fillets	"	803	489
Frozen fletches, cheeks, blocks, pokes	"	2 172	1 344
Frozen steaks	"	401	236
Other	"	-	29 (1)
Total Value Marketed			7 993
Herring Landed	000 lb.	572 580	6 481
Marketed			
Fresh	"	165	15
Frozen	"	80	9
Bait	"	1 449	57
Body and offal oil	"	50 037	3 844
Body and offal meal	Tons	53 271	7 666
Other herring products	-	-	104
Total Value Marketed			11 695

* Not including quantity used for non-food purposes.

(1) Note; The value of combined and specialized forms, such as fish and chips, portions, and fish sticks are included under "miscellaneous".

TABLE 3 (Cont'd) - LANDINGS AND MANUFACTURED PRODUCTS MARKETED IN B.C. - 1963

KIND OF FISH	Unit of Measure	Quantity	Value $ (000's)
Ling Cod Landed	000 lb.	3 238	379
Marketed			
Fresh	"	762	126
Frozen	"	332	60
Fresh fillets	"	451	153
Frozen fillets, steaks, blocks, other	"	426	153
Total Value Marketed			492
Livers and Viscera: Landed Value			28
Marketed Values			57
(See Liver Summary - Page 10)			
Miscellaneous			
Fish Landed (1)	000 lb.	4 896	728
Marketed (2)			
Meal N.E.S.	Tons	266	34
Oil N.E.S.	000 lb.	291	20
Other products, by-products and specialties	-	-	2 364
Total Value Marketed (3)			2 418
Oysters Landed	000 lb. 12 778	Gals. (170 375)	635
Marketed			
Fresh (1/2 pt. 273 894)			502
(pts. 9 905)			
(quarts 45 895)			
(gallons 89 266)			
Fresh & Frozen	8 oz. pk.	92 064	52
Other	-	-	227
Total Value Marketed			781
Red and Rock Cod Landed	000 lb.	805	38
Marketed			
Fresh	"	595	67
Frozen	"	65	7
Fresh & frozen fillets, blocks	"	38	10
Total Value Marketed			84
Salmon Landed	000 lb.	119 320	22 758
Marketed			
Fresh Round	"	3 229	829
Fresh Dressed	"	5 166	2 697
Frozen Round	"	342	139
Frozen Dressed	"	17 515	9 160
Frozen fillets and frozen steaks	"	422	276
Mild Cured	"	414	415
Smoked	"	185	208
Canned	48 lb. cases	1 203 271	34 463
Offal Meal	Tons	1 157	127
Oil	000 lb.	1 069	82
Eggs and Caviar	"	690	343
Other	-	-	221
Total Value Marketed			48 960

(1) Includes minkfeed, fish of minor importance, and some landings for which no breakdown into species was available; or only one firm reporting.

(2) Value includes whales.

(3) Production includes some offal products from other species.

NOTE: The value of combined and specialized forms such as fish and chips, portions and fish stix are included under "Miscellaneous".

TABLE 3 (Cont'd) - LANDINGS AND MANUFACTURED PRODUCTS MARKETED IN B.C. - 1963

KIND OF FISH	Unit of Measure	Quantity	Value $ (000's)
Smelts Landed	000 lb.	94	8
Marketed			
Fresh, frozen, fillets	"	69	13
Total Value Marketed			13
Shrimps and Prawns Landed	000 lb.	1 788	284
Marketed			
Fresh and frozen	"	33	18
Fresh Meat	"	236	307
Frozen Meat	"	149	187
Other	-	-	61
Total Value Marketed			573
Skate Landed	000 lb.	114	5
Marketed			
Fresh and frozen	"	91	10
Total Value Marketed			10
Soles Landed*	000 lb.	5 686	359
Marketed			
Fresh	"	362	39
Frozen	"	35	5
Fresh fillets	"	510	196
Frozen fillets	"	1 035	403
Total Value Marketed			643
Sturgeon Landed	000 lb.	28	7
Marketed			
Fresh and frozen	"	27	9
Total Value Marketed			9

SUMMARY OF LIVER PRODUCTION

LANDED

	000 lbs.	$000
Halibut Livers	43	9
Black Cod Livers	2	1
Ling Cod Livers	63	14
Greyfish Livers	55	4
Total Landed Value		28

MARKETED

	M/U.'s	$000
Freyfish Vitamin Oil	85 000	2
Other Vitamin Oil (including whale Vitamin Oil)	1 170 000	52
Livers in Storage (000 lb.)	6	3
Total Value Marketed		57

* Not including quantity used for non-food purposes

TABLE 4 - BRITISH COLUMBIA SALMON PACK - AREA WHERE CANNED, 1963

(48 lb. Cases)

AREA	SOCKEYE	RED SPRING	PINK SPRING	WHITE SPRING	STEELHEADS	BLUEBACKS	COHO	PINKS	CHUMS	TOTAL
Districts 1 & 3	125 480 1/2	1 866	1 362	2 811	330	11 329	89 252	542 700 1/2	62 905 1/2	8 380 365
District 2	32 894 1/2	912	1 078	1 971	441 1/2	54 1/2	56 847	214 752	56 284 1/2	3 652 350
TOTAL	158 375	2 778	2 440	4 782	771 1/2	11 383 1/2	146 099	757 452 1/2	119 190	1 203 271 1/2

TABLE 5 - INVENTORY OF BOATS 10 TONS & OVER
BRITISH COLUMBIA - 1963

Type of Boat	DIESEL			GAS			TOTAL		
	No. Boats	Reg. Tons	Value $(000's)	No. Boats	Reg. Tons	Value $(000's)	No. Boats	Reg. Tons	Value $(000's)
Packer	174	5 919	5 985	27	316	308	201	6 235	6 293
Seiner	408	13 291	16 702	18	502	613	426	13 793	17 315
Seiner Combination	37	656	1 061	11	121	120	48	777	1 181
Longliner	49	1 246	1 648				49	1 246	1 648
Longliner Combination	78	1 096	1 537	23	278	270	101	1 374	1 807
Seiner Longliner	19	755	1 105				19	755	1 105
Other	239	3 641	4 622	132	1 548	1 337	371	5 189	5 959
Other Combination	97	1 369	1 862	50	575	590	147	1 944	2 452
Whalers	3 2(Steam)	472 556	650 600				5	1 028	1 250
Total	1 106	29 001	35 772	261	3 340	3 238	1 367	32 341	39 010

TABLE 6 - INVENTORY OF BOATS LESS THAN 10 TONS
BRITISH COLUMBIA - 1963

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	2 020	7 561	307	245	2 327	7 806
Gillnet-Combination-Gas	1 110	6 397	103	78	1 213	6 475
Gillnet - Diesel	139	1 316			139	1 316
Gillnet-Combination-Diesel	213	2 377			213	2 377
Gillnet-Combination-Row			54	25	54	25
Troll - Gas	1 317	5 527	1 031	674	2 348	6 201
Troll-Combination-Gas	438	1 851	220	138	658	1 989
Troll - Diesel	214	2 108			214	2 108
Troll-Combination-Diesel	77	719			77	719
Troll-Combination-Row			100	56	100	56
Other - Gas	403	1 093	124	63	527	1 156
Other-Combination-Gas	61	201	21	11	82	212
Other - Diesel	21	236			21	236
Other-Combination-Diesel	15	418			15	418
Other-Combination-Row			305	121	305	121
Collector - Gas	48	281			48	281
Collector - Diesel	37	354			37	354
TOTAL	6 113	30 439	2 265	1 411	8 378	31 850

Number of Men Engaged in Primary Fishery

Total fishermen licenced	15 374
Men on packers, collectors	1 250
	16 624

TABLE 7 - INVENTORY AT END OF CALENDAR YEAR OF GEAR AND EQUIPMENT USED IN PRIMARY FISHERY - 1963

TYPE OF GEAR	NUMBER	VALUE $ (000's)
Salmon Gillnets	9 392	3 483
Herring Gillnets	99	5
Smelt Gillnets	66	4
Eulachon Gillnets	63	9
Grayfish Gillnets	18	2
Salmon Purse Seines	475	2 067
Salmon Drag Seines	9	6
Herring Purse Seines	113	942
Herring Trawl Nets	31	23
Other Seines	72	64
Trawl Nets & Fittings	125	102
Shrimp Trawl Nets	160	35
Troll Lines, Wire	11 643	465
Troll Lines, Cotton & Nylon	1 850	33
Other Handlines	-	3
Skates of Gear	9 870	492
Crab Traps	15 624	377
Shrimp Traps	2 590	13
Oyster Gear, Rakes & Baskets	-	2
Clam Gear	-	3
Tuna Troll Gear	-	1
Wharves, Floats, Net Racks	-	689
Ice Houses & Freezers	5	45
Shucking Houses & Sheds	37	130
Buying Scows & Barges	162	992
Bluestone Barrels	-	24
Herring Pounds	39	5
Extra Gear-Lines-Corks	-	80
TOTAL VALUE	-	10 096

TABLE 8 - NUMBER OF FISHERMEN LICENSED IN BRITISH COLUMBIA - 1953 - 1963

ONE LICENCE ONLY	1953	1954	1955	1956	1957	1958	1959	1960	1961*	1963
Salmon Gillnet	3 764	3 742	3 109	2 868	3 102	3 907	3 522	3 448	3 925	3 348
Captain Salmon Purse Seine	212	165	143	172	157	168	171	166	186	101
Salmon Troll	3 446	3 429	2 861	2 647	3 153	3 894	4 403	4 266	4 711	4 636
Assistant Salmon Purse Seine	1 765	1 773	1 483	1 376	1 420	1 447	1 528	1 474	1 494	1 419
Halibut	117	263	539	498	526	477	486	450	399	573
Assistant Herring Purse Seine	108	70	78	192	461	593	786		135	83
One other Licence	432	443	430	466				773	683	686
TOTAL WITH ONE LICENCE	9 844	9 885	8 643	8 219	8 819	10 486	10 896	10 577	11 533	10 863
TWO LICENCES										
Salmon Gillnet & Troll	176	234	186	182	214	383	337	408	485	413
Salmon Gillnet & A/Salmon Seine	79	89	73	79	74	73	52	57	89	44
Salmon Gillnet & Halibut	209	307	383	274	417	430	303	269	287	503
Salmon Gillnet & 1 Other Licence	294	330	331	306	325	366	382	388	430	372
Captain Salmon & Herring Asst.	32	44	56	49	37	42	36	45	51	30
Captain Salmon & Herring Capt.	44	59	53	51	61	60	61	51	52	42
Captain Salmon-Halibut	28	56	77	60	64	62	55	43	48	23
Captain Salmon-Troll	63	64	55	58	62	66	59	52	50	27
Captain Salmon & 1 Other	31	26	21	29	22	24	31	27	39	39
Salmon Troll & Seine Asst.	222	207	149	144	163	189	187	184	210	82
Salmon Troll & Halibut	74	81	136	77	88	86	95	73	99	133
Salmon Troll & 1 Other	228	265	252	192	280	405	448	520	642	739
Asst. Salmon & Herring Asst.	305	447	345	290	395	404	341	227	360	319
Asst. Salmon & Halibut	28	59	267	156	211	239	240	206	179	231
Asst. Salmon & 1 Other	45	69	87	60	49	75	65	89	106	107
Two Other Licences Not Salmon	46	60	81	160	94	88	124	132	113	192
TOTAL WITH TWO LICENCES	1 904	2 397	2 552	2 167	2 556	2 992	2 816	2 771	3 240	3 296
THREE OR MORE LICENCES										
Salmon Gillnet, Troll & 1 Other	64	102	91	107	124	200	169	223	245	300
Salmon Gillnet & Two Other	64	66	101	93	90	138	131	144	134	190
Salmon Gillnet & Three or More Licences	11	15	22	16	46	32	36	53	47	151
Salmon Troll & Two or more Licences	83	130	168	123	169	151	150	163	173	190
Captain Salmon & 2 or More	26	44	57	26	42	58	58	64	81	92
Asst. Salmon, Asst.Herring & Halibut	2	18	188	70	144	157	153	117	144	187
Asst. Salmon & 2 or More Licences	10	20	34	25	20	51	50	67	56	74
Three or More Other Types of Licences		3	4	7	6	1	4	12	6	31
TOTAL WITH THREE OR MORE LICENCES	260	398	665	467	641	788	751	843	887	1 215
TOTAL NUMBER OF LICENCES	12 008	12 680	11 860	10 853	12 016	14 266	14 463	14 191	15 660	15 374

* No licence analysis was carried out in 1962 during the transition to the new single licence number for each individed fisherman.

Source: British Columbia Licence Report Summary - 1963 - April, 1964.

Department of Fisheries,
Economics Branch,
Pacific Area.