

FISHERIES STATISTICS
of
BRITISH COLUMBIA
1964

(PRELIMINARY)

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APRIL 1965

SUMMARY OF FISHERIES STATISTICS OF BRITISH COLUMBIA - 1964

Total Value of Fish Products

For 1964, the market value of fish, whale, hair seal, and liver products amounted to 92.1 million dollars, compared with 76.0 million dollars in 1963.

The wholesale market value of salmon products amounted to 63 million dollars, other species including whales nearly 29 million dollars, and vitamin products \$55,000.

These values do not include:

- the value of halibut landed by B.C. fishermen at United States ports in Washington and Alaska, which in 1964 amounted to 8,168,000 pounds.
- the processed value of tuna imported and processed in B.C.

These two items amounted to \$5,820,000.

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

- (1) A canned pack of 1,255,308 cases, higher than 1963 but below the 1954-1963 ten-year average of 1.37 million cases.
- (2) Herring production at 252,643 tons was second only to the record year of 1964 and the product value of \$11,561,000 was only 1.2% below that reported a year ago.
- (3) The average unit wholesale price of halibut increased by 2.9¢ per pound, and the increase in unit wholesale price resulted in a slightly higher marketed value at 8.0 million dollars in 1964 despite a lower volume of marketing.

SALMON

The wholesale value of all salmon products increased to 63.0 million dollars in 1964, compared with 49.0 million dollars in 1963. The canned pack of 1,255,308 cases was valued at 43.7 million dollars.

The sockeye pack of 343,358 cases was valued at 18.1 million dollars, and made up 41.4% of the value of the total canned pack. The wholesale value of coho totalled 16.4 million dollars.

TABLE 1 - MARKETING OF SALMON BY SPECIES - 1955 - 1964

	\$ (000's)						
	Sockeye	Chums	Pinks	Cohos	Springs	Steelhead	Not Classified
1955	9 337	3 796	15 950	8 605	4 196	76	909
1956	13 012	6 318	7 943	10 758	5 614	75	586
1957	9 295	6 137	15 934	8 124	4 647	60	706
1958	41 365	8 124	9 565	9 502	5 701	98	1 445
1959	12 206	5 556	11 525	9 801	5 408	58	586
1960	11 439	5 736	5 657	7 437	4 988	90	616
1961	18 521	4 198	17 137	12 321	4 425	83	629
1962	15 444	5 493	30 646	12 167	5 146	94	773
1963	8 499	4 366	18 550	11 377	5 425	58	675
1964	18 115	7 184	12 553	16 376	7 662	90	1 123

TABLE II - LANDED & MARKETING VALUE OF SALMON - 1955 - 1964

	\$ (000's)						
	Landed Value	Canned	Fresh	Mild Cured	Frozen	Other	Total
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	22 790	34 463	3 525	415	9 576	981	48 960
1964	30 244	43 676	3 530	491	13 893	1 513	63 103

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

	1955 - 1964				
	<u>Landings</u> <u>(Rd. Wt.)</u>	<u>Landed (1)</u> <u>Value</u>	<u>Average</u> <u>Price per lb.</u>	<u>Marketed (2)</u> <u>Value</u>	<u>% Landed to</u> <u>Marketed</u> <u>Value</u>
	000 lbs.	\$ (000)	\$	\$ (000)	%
<u>SOCKEYE</u>					
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	43.8
1963	11 873	4 002	33.7	8 499	47.1
1964	22 951	8 257	36.0	18 115	45.5
<u>PINKS</u>					
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
1964	36 765	4 063	11.0	12 553	32.4
<u>CHUMS</u>					
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
1964	23 932	3 061	12.8	7 184	42.6
<u>COHO</u>					
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
1964	31 656	9 255	29.2	16 376	56.5
<u>SPRINGS</u>					
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
1964	13 368	5 546	41.5	7 662	72.4
<u>STEELHEAD</u>					
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
1964	235	62	26.4	90	68.9

(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 1V - PRODUCTION AND UTILIZATION OF SALMON, BY SPECIES IN 1963 & 1964

1 9 6 4					1 9 6 3				
	Unit	Quantity	Value	Average Price \$		Quantity	Value	Average Price \$	
<u>SOCKEYE</u>									
Canned - 48#	Cases	343 358	18 087 546	52.68		158 375	8 324 734	52.56	
Fresh Round	cwt.	406	20 543	50.60		1 642	73 985	45.06	
Fresh Drs.	cwt.	*	6 852	N/A		*	-	-	
Froz. Rnd.	cwt.	1	53	53.00		-	-	-	
Froz. Drs.	cwt.	1	37	37.00		*	-	-	
Other		-	-	-		-	100 279	-	
TOTAL		-	18 115 031	-		-	8 498 998	-	
<u>PINKS</u>									
Canned - 48#	Cases	464 107	12 141 618	25.16		757 452 1/2	17 862 786	23.58	
Fresh Rnd.	cwt.	2 107	31 373	14.89		8 095	124 701	15.40	
Fresh Drs.	cwt.	367	9 623	26.22		3 047	86 598	28.42	
Froz. Rnd.	cwt.	-	-	-		205	5 118	24.97	
Froz. Drs.	cwt.	9 856	370 367	37.58		14 658	470 793	32.12	
Other		-	178	-		-	300	-	
TOTAL		-	12 553 159	-		-	18 550 296	-	
<u>CHUMS</u>									
Canned - 48#	Cases	232 722	5 009 860	21.53		119 190	2 546 703	21.37	
Fresh Rnd.	cwt.	12 587	253 519	20.14		16 251	341 146	20.99	
Fresh Drs.	cwt.	14 297	422 192	29.53		6 277	219 460	34.96	
Froz. Rnd.	cwt.	*	7 200	N/A		398	10 827	27.20	
Froz. Drs.	cwt.	37 616	1 195 430	31.78		28 003	959 313	34.26	
Froz. Steaks & froz. fillets	cwt.	3 485	216 716	62.19		3 394	217 123	63.97	
Other	cwt.	-	79 554	-		-	71 012	-	
TOTAL		-	7 184 471	-		-	4 365 584	-	
<u>COHO & (BLUEBACK)</u>									
Canned - 48#	Cases	204 732	8 178 779	39.95		157 482 1/2	5 477 978	34.78	
Fresh Rnd.	cwt.	644	24 316	37.76		1 199	41 919	34.96	
Fresh Drs.	cwt.	13 758	692 059	50.30		16 585	760 240	45.84	
Froz. Rnd.	cwt.	-	-	-		2 452	97 307	39.68	
Froz. Drs.	cwt.	128 006	7 372 808	57.60		90 818	4 891 551	53.86	
Froz. Steaks & froz. fillets	cwt.	549	43 470	79.18		639	49 999	78.25	
Mild Cured	cwt.	807	60 024	74.38		635	50 050	78.81	
Other		-	4 784	-		-	7 963	-	
TOTAL		-	16 376 240	-		-	11 377 007	-	
<u>SPRINGS</u>									
Canned - 48#	Cases	9 127	224 146	24.56		10 000	229 837	22.98	
Fresh Rnd.	cwt.	9 756	420 901	43.14		4 986	243 275	48.79	
Fresh Drs.	cwt.	25 656	1 634 716	63.72		25 374	1 616 930	63.72	
Froz. Drs.	cwt.	62 589	4 646 445	74.24		41 268	2 821 677	68.37	
Froz. Rnd.	cwt.	-	-	-		278	22 645	81.46	
Mild Cured	cwt.	4 223	431 096	102.08		3 508	364 883	104.01	
Smoked	cwt.	2 273	278 002	122.31		967	126 810	131.14	
Other		-	26 379	-		-	9 000	-	
TOTAL		-	7 661 685	-		-	5 435 057	-	
<u>STEELHEAD</u>									
Canned - 48#	Cases	1 262	34 374	27.24		771 1/2	21 273	27.57	
Fresh Rnd.	cwt.	158	4 963	31.41		114	3 671	32.20	
Fresh Drs.	cwt.	282	9 336	33.11		151	5 103	33.79	
Froz. Rnd.	cwt.	677	31 238	46.14		86	3 102	36.07	
Froz. Drs.	cwt.	207	8 413	40.64		405	16 839	41.58	
Other		-	1 400	-		-	7 605	-	
TOTAL		-	89 724	-		-	57 593	-	
<u>ALL SALMON (1)</u>									
			\$ (000)				\$ (000)		
Canned - 48#	Cases	1 255 308	43 676	34.79		1 203 271 1/2	34 463	28.64	
Fresh Rnd.	cwt.	25 658	756	29.46		32 287	829	25.68	
Fresh Drs.	cwt.	54 555	2 775	50.87		51 658	2 697	52.21	
Froz. Rnd.	cwt.	903	38	42.08		3 420	139	40.64	
Froz. Drs.	cwt.	238 275	13 594	57.05		175 152	9 160	52.30	
Froz. Steaks & froz. fillets	cwt.	4 048	261	64.48		4 219	276	65.42	
Mild Cured	cwt.	5 030	491	97.61		4 143	415	100.17	
Smoked	cwt.	3 190	364	114.11		1 854	208	112.19	
Other (1)		-	1 148	-		-	773	-	
TOTAL		-	63 103	-		-	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 or insignificant but included in total.

The wholesale value of sockeye production in 1964 increased to 18.1 million dollars, compared with 8.5 million dollars in 1963. Most of this was represented by the value of canned sockeye salmon.

The value of coho marketing reached record proportions and totalled 16.4 million dollars or 4.2 million dollars higher than 1963. The value of the canned product represented 50% of this total.

Pink salmon marketings at the wholesale level dropped from 18.5 million dollars in 1963 to 12.5 million dollars in 1964.

The chum pack at 232,722 cases was nearly double that reported in 1963.

TABLE V - CANNED SALMON PACK IN B.C. BY SPECIES - 1955 - 1964

	<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>
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
1964	343 358	464 107	232 722	204 732	10 389	1 255 308	43 676

The total canned pack of 1,255,308 cases was slightly above the 1963 total of 1,203,271 cases. The wholesale value of the canned pack amounted to 43.7 million dollars or 9.2 million dollars higher than 1963.

HERRING

The herring fishery showed a decline from the record tonnage of 1963 and totalled 252,643 tons. Production of herring oil and meal were also down about 10%, but because of higher market prices the wholesale value of herring products totalled \$11,561,000, or only slightly less than the 1963 record.

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

TABLE VI - TOTAL LANDINGS & MARKETINGS OF HERRING & PRODUCTS

	<u>1955 - 1964</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.	<u>Total Value All Products</u> \$ (000's)
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	286 101	6 477	50 037	53 271	-	-	11 695
1964	252 643	6 167	44 902	46 071	N/A (1)	N/A (1)	11 561

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

HALIBUT

British Columbia fishermen landed 25.1 million pounds in B.C. ports compared with 25.9 million pounds in 1963. Landings by Canadian fishermen to U.S. ports also declined and totalled 8.0 million pounds compared with 11.3 million pounds in 1963 and 10.0 million pounds in 1962.

However, unit prices to fishermen increased to 24.95¢ per pound compared with 22.06¢ in 1963 and 31.69¢ in 1962. The market value of halibut products reflected the increase in price as indicated by a total value of \$8,056,000 compared with \$7,993,000 in 1963.

TABLE VII - LANDINGS & MARKETINGS OF HALIBUT - 1955 - 1964

	Total Landings (1) 000 lbs.	Landed Value \$ (000's)	Average per lb. ¢	Marketed Value \$ (000's)	Average per lb. ¢
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
1964	25 124	6 270	24.95	8 056	32.06

(Livers Excluded)

(1) Not including Canadian landings of halibut in Alaska and Washington in 1964 - 8,168,000 pounds, valued at \$2,039,000.

GREY COD

Landings of grey cod reached record proportions and more than 12 million pounds were reported with a value to fishermen of \$722,000. Most of this was marketed as fresh or frozen fillets. The wholesale value of grey cod totalled \$1,160,000 compared with \$705,000 in 1963.

CRABS AND SHRIMP

Shrimp landings dropped sharply in 1964 and totalled 1,052,000 pounds valued at \$161,000 compared with 1,788,000 pounds a year ago worth \$284,000. Wholesale values for shrimp, mainly fresh and frozen meat, showed a corresponding drop and totalled \$312,000 in 1964.

Crab production increased sharply and totalled 4,351,000 pounds valued at \$699,000. The wholesale value of crabs marketed jumped from \$1,000,000 in 1963 to \$1,439,000 in 1964. Of this total, canned crab amounted to 7,724 cases valued at \$502,000.

TABLE VIII - TOTAL LANDINGS AND MARKETINGS OF CRAB AND SHRIMP

1955 - 1964								
<u>LANDINGS</u>			<u>VALUE</u>		<u>FRESH AND FROZEN</u>			<u>Total Marketed Value</u>
<u>Crab</u> (000's)	<u>Shrimp</u> Pounds		<u>Crab</u> \$ (000's)	<u>Shrimp</u> \$ (000's)	<u>Whole</u> (000's) pounds	<u>Meat</u> (000's) pounds	<u>Canned</u> cases 48-lb.	<u>\$ (000's)</u>
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
1964	4 351	1 052	699	161	1 012	635	7 724	1 751

OTHER SPECIES

Ranked in order of market value some of the comparatively less important species follow, with 1963 values in brackets.

Sole	-	\$ 662,000	(\$ 643,000)
Oysters	-	647,000	(781,000)
Ling Cod	-	549,000	(492,000)
Clams	-	190,000	(340,000)
Black Cod	-	273,000	(162,000)

In 1964, values of specialty prepared products are included under "other".

VESSELS & BOATS (Tables 5 and 6)

For 1964, 9,343 boats and vessels were reported in British Columbia fisheries. This includes 5 whaling vessels.

The inventory of boats "over 10 tons" numbered 1,516, valued at \$45,016,000 compared with an estimated 1,367 and \$39,010,000 in 1963.

In the category of "less than 10 tons", 7,827 boats were reported. Their total value amounted to \$31,595,000.

It should be noted that boat statistics are compiled from information provided at time of licencing.

GEAR AND EQUIPMENT (Table 7)

Valuation on the inventory of gear, taken at the year-end, amounted to \$10,711,000 compared with \$10,096,000 in 1963.

Increases in numbers and value were noted in salmon gillnets and salmon seines.

NUMBER OF FISHERMEN LICENCED IN B.C.

Studies conducted by the Department of Fisheries has shown that a large number of fishermen who take out commercial licences are not commercial fishermen. Therefore, the number of licences issued is not an indication of the number of fishermen and has been discontinued.

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 in Ottawa.

These statistics are finalized by the Bureau and used in their publication entitled "Fisheries Statistics of Canada".

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

April 27, 1965.

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**TABLE 1 - QUANTITIES LANDED AND VALUE OF ALL PRODUCTS MARKETED
OF THE MOST IMPORTANT SPECIES - 1964**

<u>Kind of Fish</u>	<u>Quantities (Landed)</u> (000's lbs.)	<u>Landed Value</u> \$ (000's)	<u>Marketed Val</u> \$ (000's)
Salmon	124 199	30 244	63 103
Herring	505 287	6 167	11 561
Halibut	33 292	6 270	8 056
Crab and Shrimps	5 403	860	1 751
Ling Cod	3 797	384	549
Grey Cod	12 008	722	1 160
Oysters	11 542	588	647
Soles	6 068	409	662
Black Cod	947	187	273
Clams	1 575	59	190
Livers	315	36	55
Other Items	8 179	1 218	4 110
TOTAL	712 612	47 144	92 117

WHALES, SEALS AND SEA LIONS 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 - 1955 - 1964**

<u>Year</u>	<u>Landed Value</u> \$ (000's)	<u>Marketed Value</u> \$ (000's)
1955	28 330	60 725
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
1962	46 715	94 673
1963	38 551	76 000
1964	47 144	92 117

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

TABLE 3 - LANDINGS AND MANUFACTURED PRODUCTS MARKETED IN B.C. - 1964

<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.	947	187
Marketed			
Fresh	"	39	8
Frozen	"	418	100
Smoked & Fillets	"	355	165
Total Value Marketed			<u>273</u>
<u>Clams Landed</u>	000 lb.	1 575	59
Marketed			
Fresh, in shell	"	160	17
Canned	48 lb. cases	6 530	140
Frozen, meat	000 lb.	36	14
Other	"	-	19
Total Value Marketed			<u>190</u>
<u>Crabs Landed</u>	000 lb.	4 351	699
Marketed			
Fresh	"	323	82
Frozen	"	627	258
Meat	"	418	597
Canned	48 lb. cases	7 724	502
Total Value Marketed			<u>1 439</u>
<u>Eulachon Landed</u>	000 lb.	233	25
Marketed			
Fresh	"	21	3
Frozen, fillets, barbecued	"	133	33
Total Value Marketed			<u>36</u>
<u>Flounders Landed *</u>	000 lb.	137	7
Marketed			
Fresh whole & fresh fillets	"	50	6
Frozen fillets	"	16	5
Total Value Marketed			<u>11</u>
<u>Grey Cod Landed *</u>	000 lb.	12 008	722
Marketed			
Fresh	"	473	39
Fresh fillets	"	1 223	366
Frozen whole & frozen fillets	"	2 496	646
Bait	"	583	57
Other	-	-	52(1)
Total Value Marketed			<u>1 160</u>
<u>Halibut Landed</u>	000 lb.	25 124	6 270
Marketed			
Fresh	"	3 064	903
Frozen	"	16 348	4 965
Fresh & frozen fillets	"	631	371
Frozen fletches, cheeks, blocks	"	2 112	1 302
Frozen steaks	"	820	489
Other	"	-	26(1)
Total Value Marketed			<u>8 056</u>
<u>Herring Landed</u>	000 lb.	505 287	6 167
Marketed			
Fresh	"	691	33
Bait	"	2 081	107
Body and offal oil	"	44 902	3 911
Body and offal meal	Tons	46 071	7 117
Other herring products	-	-	393
Total Value Marketed			<u>11 561</u>

* 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 MARKETING IN B.C., -1964

<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.	3 797	384
Marketed			
Fresh	"	1 219	185
Frozen	"	663	113
Fresh fillets	"	368	122
Frozen fillets, steaks, blocks, other	"	378	129
Total Value Marketed			<u>549</u>
<u>Livers and Viscera: Landed Value</u>			36
Marketed Values			55
(See Liver Summary - Page 10)			
<u>Miscellaneous</u>			
Fish Landed (1)	000 lb.	6 578	229
Marketed (2)			
Meal N.E.S.	Tons	215	29
Oil N.E.S.	000 lb.	248	18
Other products, by-products and specialties	-	-	3 891
Total Value Marketed (3)			<u>3 938</u>
<u>Oysters Landed</u>	000 lb.	11 542	588
Marketed			
Fresh & Frozen (8 oz. pkg.)		377 995	125
(12 oz. pkg.)		27 419	11
(16 oz. pkg.)		4 004	3
(20 oz.)		5 443	4
(32 oz.)		92 935	95
(40 oz.)		7 161	10
(Gallons)		83 644	298
Other			101
Total Value Marketed			<u>647</u>
<u>Red & Rock Cod Landed</u>	000 lb.	999	43
Marketed			
Fresh	"	681	54
Frozen	"	40	5
Fresh & frozen fillets, blocks	"	101	28
Total Value Marketed			<u>87</u>
<u>Salmon Landed</u>	000 lb.	124 199	30 244
Marketed			
Fresh Round	"	2 566	756
Fresh Dressed	"	5 456	2 775
Frozen Round	"	90	38
Frozen Dressed	"	23 828	13 594
Frozen fillets and frozen steaks	"	405	261
Mild Cured	"	503	491
Smoked	"	319	364
Canned	48 lb. cases	1 255 308	43 676
Offal Meal	Tons	929	114
Oil	000 lb.	710	57
Eggs and Caviar	"	873	653
Other	-	-	324
Total Value Marketed			<u>63 103</u>

- (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 MARKETING IN B.C. -1964

<u>KIND OF FISH</u>	<u>Unit of Measure</u>	<u>Quantity</u>	<u>Value \$ (000's)</u>
<u>Smelts Landed</u>	000 lb.	120	15
Marketed			
Fresh, frozen, fillets	"	-	19
Total Value Marketed			19
<u>Shrimps and Prawns Landed</u>	000 lb.	1 052	161
Marketed			
Fresh and frozen	"	48	13
Fresh Meat	"	112	154
Frozen Meat	"	90	121
Other	-	-	24
Total Value Marketed			312
<u>Skate Landed</u>	000 lb.	111	4
Marketed			
Fresh and frozen	"	53	7
Total Value Marketed			7
<u>Soles Landed *</u>	000 lb.	6 068	409
Marketed			
Fresh	"	443	38
Frozen	"	22	3
Fresh fillets	"	548	208
Frozen fillets	"	1 124	413
Total Value Marketed			662
<u>Sturgeon Landed</u>	000 lb.	35	8
Marketed			
Fresh and frozen	"	35	12
Total Value Marketed			12

SUMMARY OF LIVER PRODUCTION

	<u>LANDED</u>	
	000 lbs.	\$ 000
Halibut Livers	18	4
Black Cod Livers	-	-
Ling Cod Livers	52	9
Greyfish Livers	245	23
Total Landed Value	315	36

	<u>MARKETED</u>	
	M/U's	\$000
Greyfish Vitamin Oil	642	27
Other Vitamin Oil (including whale Vitamin Oil)	680 936	28
Livers in Storage (000 lb.)	3	-
Total Value Marketed		55

* Not including quantity used for non-food purposes.

TABLE 4 - BRITISH COLUMBIA SALMON PACK - AREA WHERE CANNED, 1964
(48 lb. Cases)

AREA	SOCKEYE	RED SPRING	PINK SPRING	WHITE SPRING	STEELHEADS	BLUEBACKS	COHO	PINKS	CHUMS	TOTAL
Districts 1 & 3	200 203	1 823	953 1/2	1 906	438	36 259	90 665	140 475 1/2	76 990	549 713
District 2	143 155 1/2	777	2 076 1/2	1 591 1/2	824	--	77 803 1/2	323 631	155 731 1/2	705 595 1/2
TOTAL	343 358 1/2	2 600	3 030	3 497 1/2	1 262	36 259	168 473 1/2	464 106 1/2	232 721 1/2	1 255 308 1/2

TABLE 5 - NUMBER AND VALUE OF VESSELS REPORTED IN THE B. C.
FISHING INDUSTRY, 1964 (10 TONS AND OVER)

<u>Tonnage</u>	<u>GAS</u>			<u>DIESEL</u>			<u>TOTAL</u>		
	<u>No.</u>	<u>Tons</u>	<u>\$ 000</u>	<u>No.</u>	<u>Tons</u>	<u>\$ 000</u>	<u>No.</u>	<u>Tons</u>	<u>\$ 000</u>
50 Tons & Over				161	13 576	16 329	161	13 576	16 329
40 - 49	1	47	8	51	2 234	2 764	52	2 281	2 772
30 - 39	1	33	40	98	3 350	3 899	99	3 383	3 939
20 - 29	2	48	24	200	4 784	6 158	202	4 832	6 182
15 - 19	27	439	283	220	3 642	4 759	247	4 081	5 042
10 - 14	257	2 769	2 698	498	5 544	8 054	755	8 313	10 752
TOTAL	288	3 336	3 053	1 228	33 130	41 963	1 516	36 466	45 016

TABLE 6 - NUMBER AND VALUE OF VESSELS REPORTED IN THE B. C.
FISHING INDUSTRY, 1964 (UNDER 10 TONS)

	<u>GAS</u>			<u>DIESEL</u>			<u>TOTAL</u>		
	<u>No.</u>	<u>Tons</u>	<u>\$ 000</u>	<u>No.</u>	<u>Tons</u>	<u>\$ 000</u>	<u>No.</u>	<u>Tons</u>	<u>\$ 000</u>
Under 20'	2 096	2 148	1 527	--	--	--	2 096	2 148	1 527
20' & Over	4 787	22 733	21 849	752	4 960	8 073	5 539	27 693	29 922
Row Boats & Not Classified							192	--	146
TOTAL	6 883	24 881	23 376	752	4 960	8 073	7 827	29 841	31 595

The number and value of boats reported in 1964 is based on information received from a fisherman at the time of issuing his commercial licence. Thus values shown represent approximate market values, and these vary substantially from values shown previous to 1963.

Prior to this year, boats have been generally classified according to fishing type, but with the increasing trend to multi-purpose boats the usefulness of this type of classification is subject to question.

Many of the boats in the under 20' class shown in the above table do not actually participate in commercial fishing even though the owners are licenced as commercial fishermen.

Packers and collectors are included in the table, as well as five whales--two of which are steam operated.

Tonnages shown represent registered net tonnages and the shipping registry has been used as a check wherever possible.

TABLE 7 - INVENTORY AT END OF CALENDAR YEAR OF GEAR AND EQUIPMENT
USED IN PRIMARY FISHERY - 1964

TYPE OF GEAR	NUMBER	VALUE \$ (000's)
Salmon Gillnets	9 923	3 862
Herring Gillnets	115	5
Smelt Gillnets	72	4
Eulachon Gillnets	56	8
Grayfish Gillnets	20	2
Salmon Purse Seines	514	2 236
Salmon Drag Seines	10	13
Herring Purse Seines	122	1 018
Herring Trawl Nets	32	23
Other Seines	66	47
Trawl Nets & Fittings	124	85
Shrimp Trawl Nets	144	31
Troll Lines, Wire	12 263	455
Troll Lines, Cotton & Nylon	1 806	47
Other Handlines	-	3
Skates of Gear	9 245	473
Crab Traps	15 572	368
Shrimp Traps	2 620	13
Oyster Gear, Rakes & Baskets, Dredges	-	27
Clam Gear	-	3
Tuna Troll Gear	-	1
Wharves, Floats, Net Racks	-	689
Ice Houses & Freezers	5	60
Shucking Houses & Sheds	38	135
Buying Scows & Barges	171	1 004
Bluestone Barrels	-	23
Herring Pounds	41	14
Extra Gear-Lines-Corks	-	62
TOTAL VALUE	-	10 711