

STATISTIC'S COPY  
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Annual Summary  
of  
**BRITISH COLUMBIA  
COMMERCIAL  
CATCH STATISTICS  
1988**

PACIFIC REGION



Fisheries  
and Oceans

Pêches  
et Océans

Canada

**1988  
ANNUAL SUMMARY  
OF  
BRITISH COLUMBIA CATCH STATISTICS**

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## FOREWORD

This Annual Summary of British Columbia Catch Statistics follows the general format used since 1969, however tonnes (1,000 kilograms) have been used instead of thousands of pounds since 1978. It will be followed by a detailed Annual Report to be made available on written request.

Prior to 1984, salmon landed values published in the Annual Summary did not include bonus payments. Consequently payments made to fishermen, particularly for net caught salmon, were under-reported. Since 1984 salmon landed value is defined as the initial payment to fishermen including any additional adjustments, bonuses, and delivery payments.

Monthly periods do not coincide exactly with calendar months, but are held constant at either four or five weeks as follows:

Four weeks - February, March, May, June, August,  
September, November.  
Five weeks - January, April, July, October and December.

Under international agreement, Canadians may land halibut at U.S. ports. Since 1964 these landings have been included in British Columbia Catch Statistics.

This report was compiled by the staff of the Statistics Division under the direction of Mrs. M. Kostner.

### IMPORTANT NOTES

1. All figures in this publication are reported as follows:

- Lingcod is reported as round weight. Multiply round weight by 0.72 to convert to dressed head-off.
- Sablefish (Black Cod) is reported as round weight. Multiply round weight by 0.70 to convert to dressed head-off.
- Pacific Cod (Grey Cod) is reported as round weight. Multiply round weight by 0.80 to convert to dressed head-on.
- Halibut is reported dressed weight head-off.
- Salmon - Troll and Handline are reported dressed weight head-on unless otherwise specified.
  - Seine and Gill net are reported round weight.
- All other fish are reported as round weight.

2. Taku and Stikine catches are now excluded from the North Coast Summary, and reported separately.
3. "Small" Chinook are net caught fish under 5 pounds round weight.
4. Rows and columns may not total exactly, due to rounding.
5. In this publication, catch dates are the date of delivery. The date of delivery is not necessarily the date of catch for trollers, gill-netters or seiners using modern fish storage methods.
6. The conversion factor for tonne is: 1 TONNE = 2,204.6 POUNDS
7. Round weight is the weight of the whole fish as it comes from the water before any treatment or dressing.

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CHIEF  
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
P.S. CHAMUT  
DIRECTOR GENERAL  
FISHERIES AND OCEANS  
PACIFIC REGION



**READ CAREFULLY**

- 1 Reporting of all catches to the Dept of Fisheries and Oceans is the responsibility of the fisherman and a condition of licence renewal
- 2 Accurate catch reports must include the map number or numbers showing the area in which your fish were caught
- 3 The statistical areas shown on this map are to be used as a guide only. For more exact information refer to the Pacific Fishery Management Area Regulations

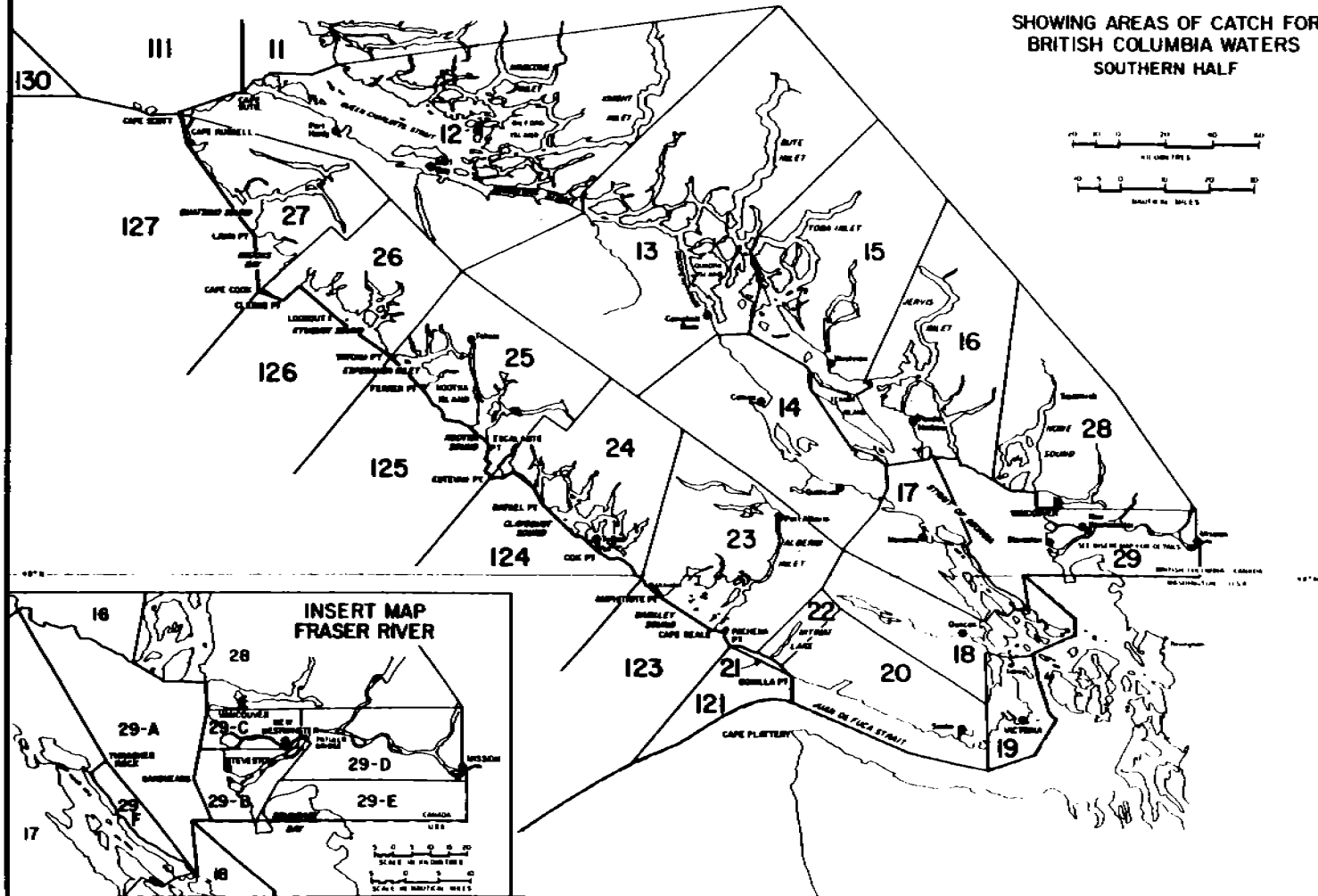
● Dept of Fisheries and Oceans Office  
 — Statistical areas are divided by red lines  
 — Surfline  
 Note: All areas revised February 1985

 Fisheries and Oceans  
 Pêches et Océans

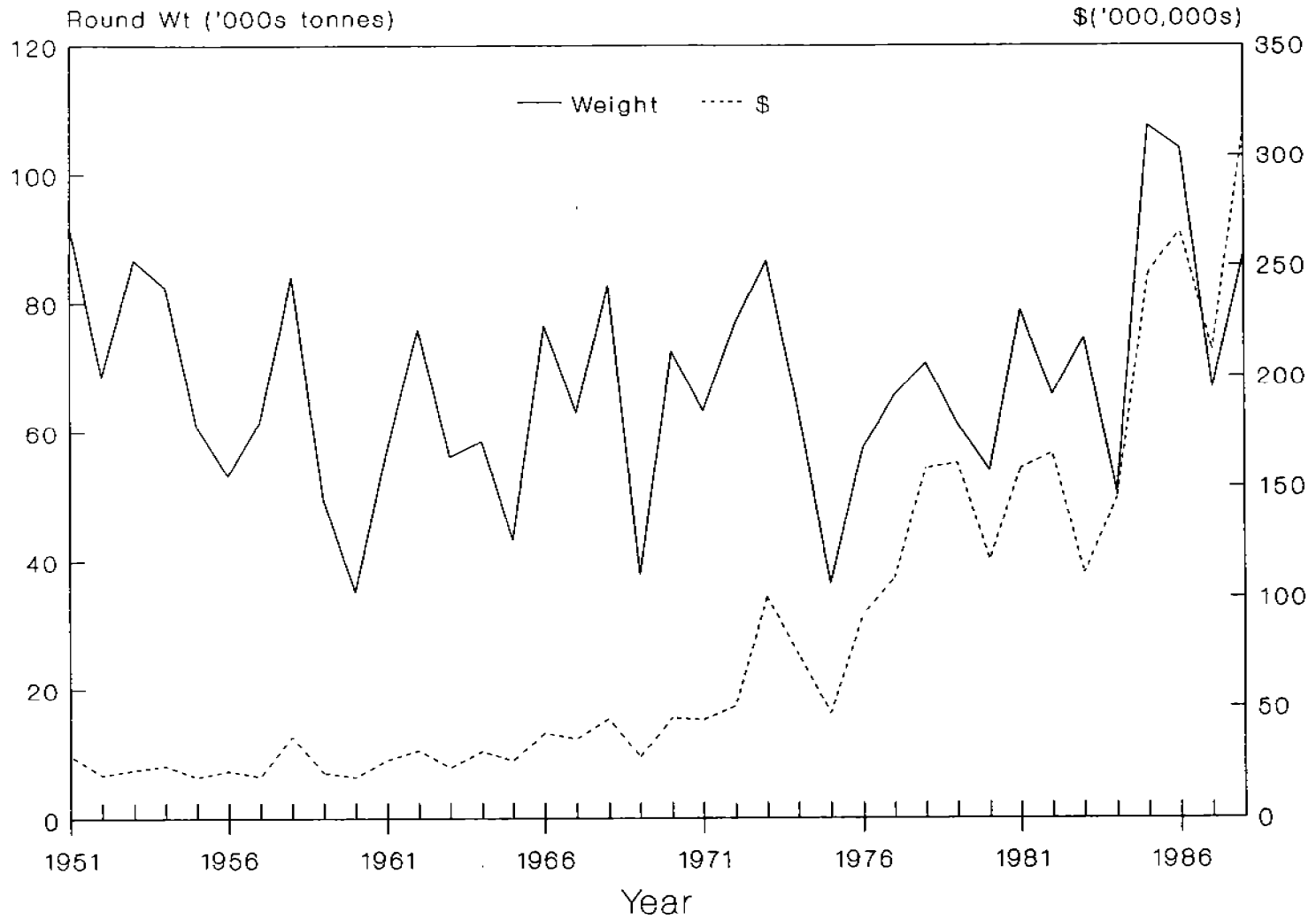


**STATISTICAL AREA MAP**

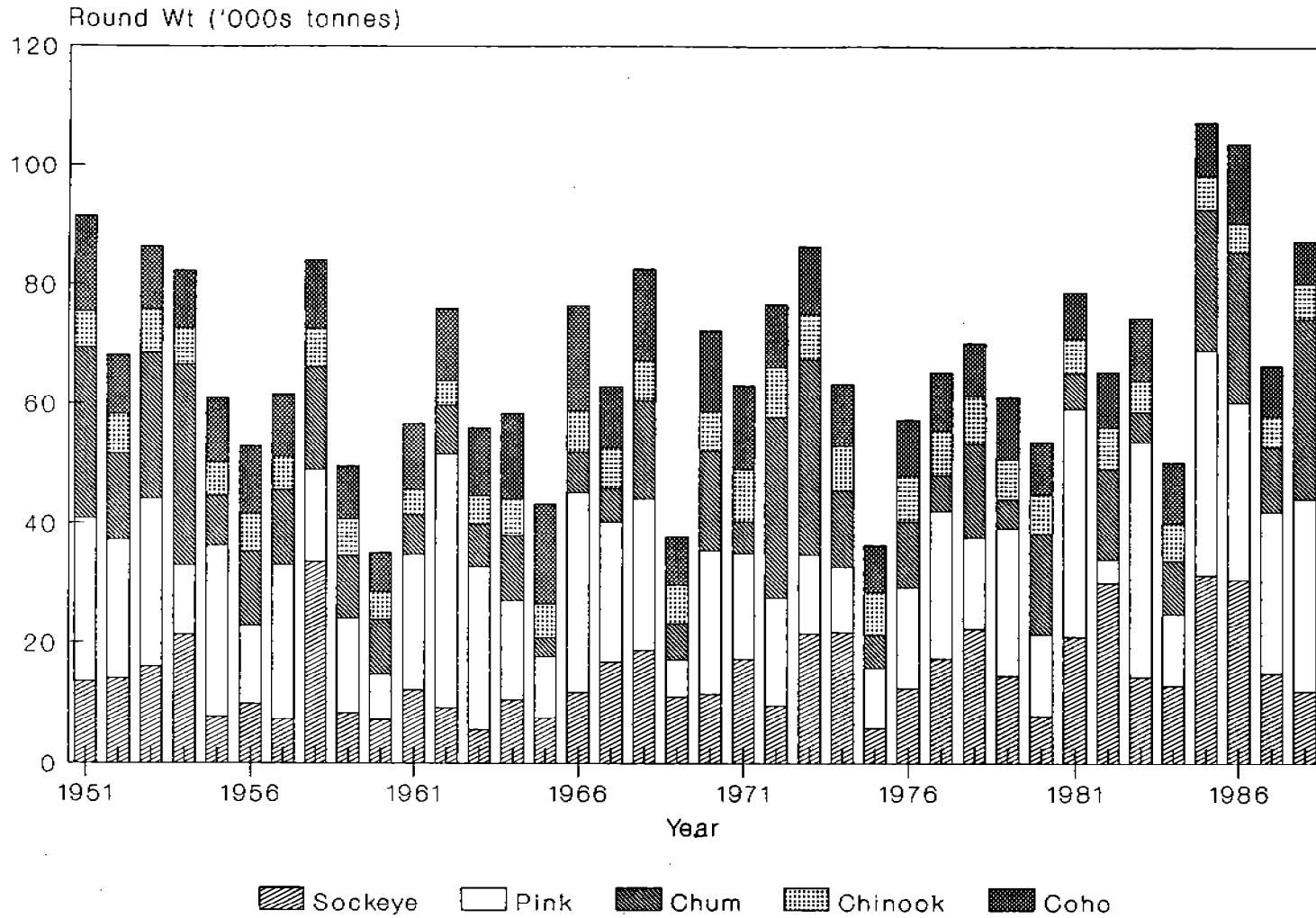
SHOWING AREAS OF CATCH FOR  
 BRITISH COLUMBIA WATERS  
 SOUTHERN HALF



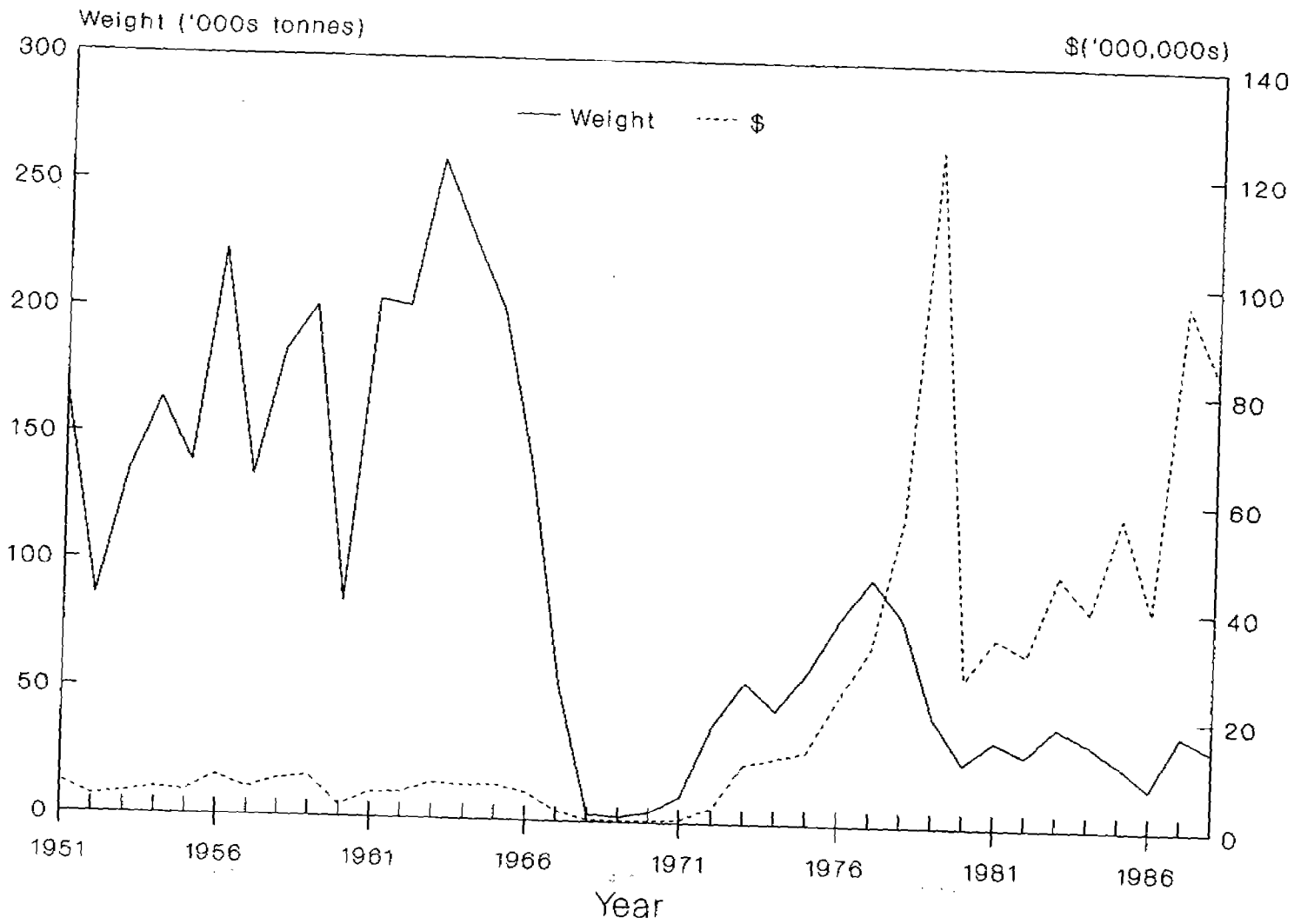
### SALMON LANDINGS IN BRITISH COLUMBIA 1951-1988



## SALMON LANDINGS BY SPECIES IN B.C. 1951-1988

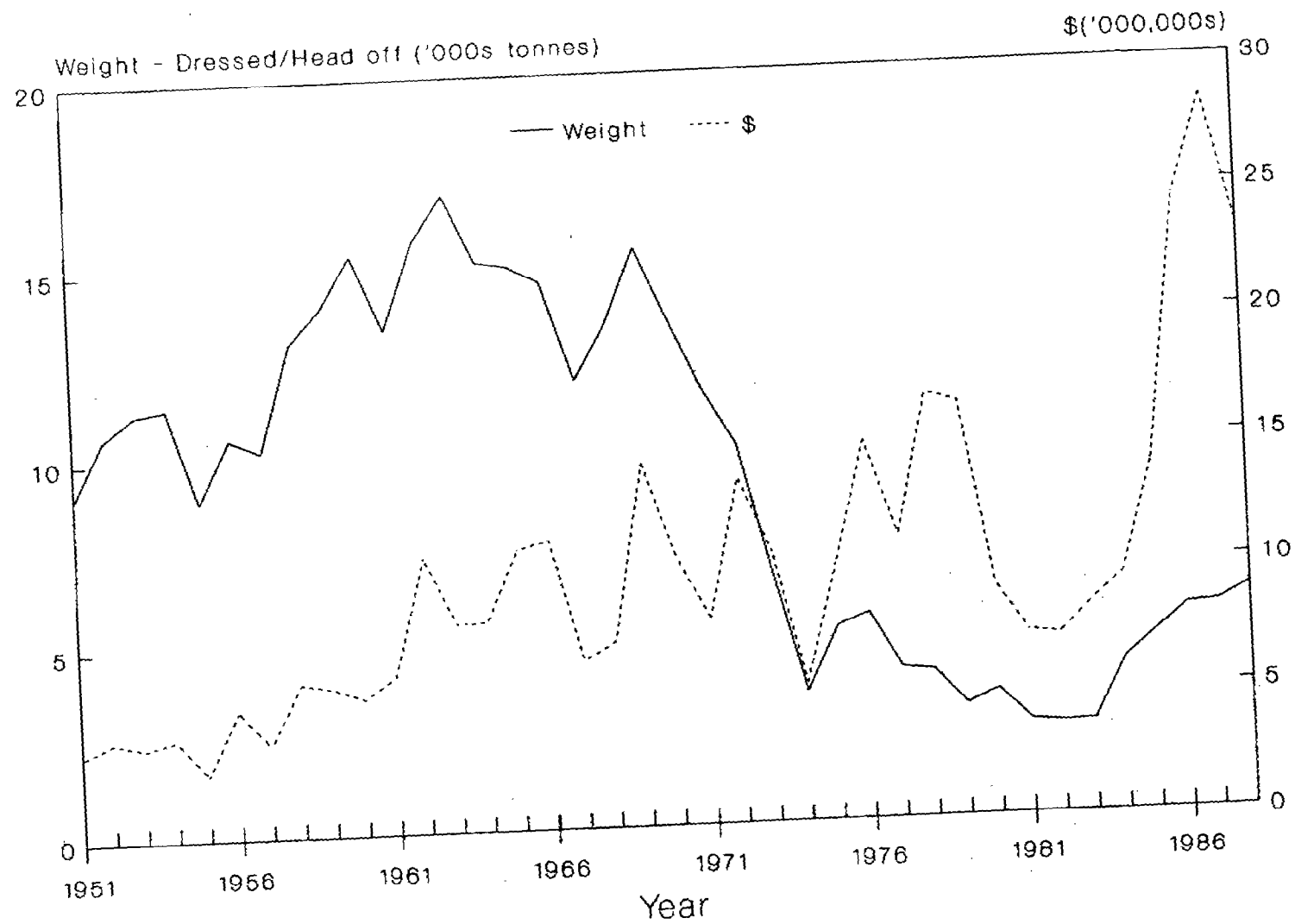


### HERRING LANDINGS IN BRITISH COLUMBIA 1951-1988





### HALIBUT LANDINGS BY B.C. FISHERMEN AT CANADIAN & U.S. PORTS 1951-1988



1988  
B.C. LANDINGS BY SPECIES AND DISTRICT  
IN TONNES AND THOUSANDS OF DOLLARS

SPECIES	TAKU/ <sup>(1)</sup> STIKINE	NORTH COAST <sup>(1)</sup> AREAS 1-10, 30	SOUTH COAST <sup>(1)</sup> AREAS 11-27	FRASER <sup>(1)</sup> AREAS 28, 29	TOTAL <sup>(1)</sup>	LANDED VALUE \$000's
Chinook	13	1 805	3 238	81	5 138	43 795
Sockeye	71	7 456	2 173	2 142	11 843	96 408
Coho	22	1 662	4 386	85	6 155	37 688
Pink	2	29 613	1 851	2	31 467	49 303
Chum	7	15 052	14 618	449	30 127	84 621
Steelhead	1	85	5	1	93	250
Subtotal	118	55 674	26 271	2 761	84 823	312 064
Salmon Roe	—	3	2	2	7	22
<b>TOTAL SALMON</b>	<b>118</b>	<b>55 677</b>	<b>26 273</b>	<b>2 763</b>	<b>84 830</b>	<b>312 086</b>
Herring	—	12 880	18 503	*	31 383	83 523
Herring Spawn on Kelp	—	187	31	—	218	12 934
<b>TOTAL HERRING</b>	<b>—</b>	<b>13 066</b>	<b>18 535</b>	<b>*</b>	<b>31 601</b>	<b>96 456</b>
Halibut <sup>(2)</sup>	—	5 138	729	—	5 866	23 217
Dogfish	—	483	4 654	177	5 314	2 182
Flounder	—	55	87	*	141	62
Hake <sup>(3)</sup>	—	—	1 461	4 900	6 361	919
Lingcod	—	1 506	1 936	2	3 444	2 622
Pacific Cod	—	7 160	3 855	9	11 024	5 766
Pacific Ocean Perch	—	5 377	1 410	—	6 787	3 535
Walleye Pollock	—	12	110	338	460	89
Rockfish <sup>(4)</sup>	—	9 804	10 200	12	20 016	13 524
Sablefish	—	2 093	3 198	*	5 291	18 444
Skate	—	483	103	2	589	92
Sole	—	3 514	1 623	1	5 139	4 079
Turbot	—	184	156	—	340	88
Other Groundfish <sup>(5)</sup>	—	103	28	*	131	243
<b>Groundfish Subtotal</b>	<b>—</b>	<b>30 774</b>	<b>28 821</b>	<b>5 441</b>	<b>65 037</b>	<b>51 645</b>

1988

SPECIES	TAKU/ <sup>(1)</sup> STIKINE	NORTH COAST <sup>(1)</sup> AREAS 1-10, 30	SOUTH COAST <sup>(1)</sup> AREAS 11-27	FRASER <sup>(1)</sup> AREAS 28, 29	TOTAL <sup>(1)</sup>	LANDED VALUE \$000's
Abalone	—	45	4	—	49	1 096
Clams <sup>(6)</sup>	—	155	4 359	4	4 518	7 774
Crab	—	523	552	456	1 532	6 067
Geoducks	—	2 026	2 523	18	4 567	9 807
Gooseneck Barnacles	—	1	47	—	49	479
Horseclams	—	1	320	5	326	298
Octopus	—	41	167	1	209	651
Oysters <sup>(7)</sup>	—	—	3 702	—	3 702	2 725
Prawns	—	234	446	39	720	5 873
Shrimp	—	31	2 362	168	2 561	3 248
Scallops	—	*	60	7	67	289
Sea Cucumbers	—	580	1 340	1	1 921	984
Sea Urchins	—	437	2 092	30	2 559	1 822
Other Shellfish <sup>(8)</sup>	—	3	333	2	338	328
<b>Shellfish Subtotal</b>	—	<b>4 077</b>	<b>18 307</b>	<b>731</b>	<b>23 118</b>	<b>41 441</b>
Eulachon	—	—	11	29	40	37
Non-Food Fish	—	379	146	—	526	14
Smelts	—	—	*	1	1	3
Sturgeon	—	*	1	4	5	11
Tuna <sup>(9)</sup>	—	12	25	—	37	108
Other Fish <sup>(10)</sup>	*	*	123	—	123	146
<b>Other Subtotal</b>	<b>*</b>	<b>391</b>	<b>306</b>	<b>34</b>	<b>732</b>	<b>319</b>
<b>GRAND TOTAL<sup>(11)</sup></b>	<b>118</b>	<b>109 123</b>	<b>92 971</b>	<b>8 969</b>	<b>211 184</b>	<b>525 164</b>

(1) Salmon is reported in standard form, halibut is reported dressed head-off and all other fish are reported in round weight.

(2) Includes 818 tonnes of halibut valued at \$3,513,439 landed by B.C. fishermen at U.S. ports.

(3) Excludes 49,974 tonnes of hake valued at \$7,989,873 delivered to foreign vessels in joint venture fishing arrangements and 39,715 tonnes landed in the foreign national fisheries.

(4) Includes red, rock, bass, reedi, greenies, other rockfish, red snappers and silver perch.

(5) Includes idiot fish and shark.

(6) Includes mussels.

(7) Landed value for 1988 oysters reflects a "Farm Gate" selling price.

(8) Includes squid, snails, plankton, and crayfish.

(9) Excludes 128 tonnes of tuna valued at \$403,628 caught in U.S. and international waters by Canadian fishermen and landed in Canada.

(10) Includes anchovies, fresh water fish, hagfish and unspecified species.

(11) Includes direct deliveries by Canadian fishermen to U.S. ports.

1979-1988  
SUMMARY OF B.C. CATCH STATISTICS

B.C. Landings and Value: 1979-1988

Landings by B.C. fishermen in 1988 increased by 6% over 1987, and the landed value increased by 21% to \$525 million.

<u>YEAR</u>	<u>TONNES</u>	<u>\$ MILLION</u>
1979	148 921	332.2
1980	124 455	182.3
1981	147 127	231.1
1982	131 776	233.2
1983	155 244	200.5
1984	131 479	232.7
1985	196 403	375.3
1986	189 461	391.9
1987	199 518	434.7
1988	211 184	525.1

GROUND FISH

<u>Year</u>	<u>Sole</u>	<u>Pacific<sup>(1)</sup> Cod</u>	<u>Ling-<sup>(1)</sup> cod</u>	<u>Sable-<sup>(1)</sup> fish</u>	<u>Rock-<sup>(1)</sup> fish</u>	<u>Total*</u>
1979	4 208	9 503	2 116	2 002	8 790	37 172
1980	4 668	8 143	2 021	3 392	9 669	36 382
1981	4 347	6 719	2 546	4 527	9 460	28 690
1982	2 897	4 689	4 040	3 912	10 366	31 807
1983	2 731	4 623	3 765	4 319	12 126	33 340
1984	3 225	3 459	3 707	3 852	14 695	36 169
1985	2 779	2 345	5 688	4 263	17 814	44 539
1986	2 753	3 668	3 860	4 686	24 828	51 294
1987	3 022	13 691	3 540	4 717	24 132	68 842
1988	5 139	11 024	3 444	5 291	26 803	65 037

<sup>(1)</sup> Tonnes (round weight).

\* All totals include groundfish species not specifically shown. All totals published before 1985 included groundfish and miscellaneous species not specifically shown.

HALIBUT

There was an 8% increase in total landings in 1988 over those of 1987, but the total value decreased by 18% for the same period.

<u>Year</u>	<u>Landings in British Columbia</u>		<u>Canadian Landings at U.S. Ports</u>		<u>Total Landings</u>	
	<u>Tonnes<sup>(1)</sup></u>	<u>\$000's</u>	<u>Tonnes<sup>(1)</sup></u>	<u>\$000's</u>	<u>Tonnes<sup>(1)</sup></u>	<u>\$000's</u>
1979	2 410	14 004	525	2 449	2 935	16 453
1980	2 668	7 341	637	1 752	3 305	9 093
1981	2 233	6 592	223	653	2 456	7 245
1982	1 690	4 715	692	2 379	2 382	7 094
1983	1 865	6 381	533	1 926	2 398	8 307
1984	3 110	7 222	923	2 197	4 033	9 419
1985	3 689	10 704	1 015	3 074	4 704	13 778
1986	4 201	18 766	1 189	5 661	5 390	24 427
1987	4 751	24 310	693	4 016	5 444	28 326
1988	5 048	19 703	818	3 513	5 866	23 217

<sup>(1)</sup> Dressed head-off weight.

SHELLFISH

<u>Year</u>	<u>Crabs<sup>(1)</sup></u>	<u>Shrimp<sup>(1)</sup></u>	<u>Prawns<sup>(1)</sup></u>	<u>Clams<sup>(1)</sup></u>	<u>Geoducks<sup>(1)</sup></u>	<u>Abalone<sup>(1)</sup></u>	<u>Oysters (In Shell)</u>
1979	1 179	392	324	1 649 <sup>(2)</sup>	2 463	186	2 231
1980	1 701	288	368	1 760 <sup>(2)</sup>	2 808	97	1 922
1981	1 317	614	325	864 <sup>(2)</sup>	2 704	85	1 415
1982	1 002	415	274	1 480 <sup>(2)</sup>	3 135	54	1 579
1983	960	411	331	1 783 <sup>(2)</sup>	2 636	56	2 453
1984	1 155	409	505	2 621 <sup>(2)</sup>	3 483	58	2 897
1985	1 165	678	514	2 932 <sup>(2)</sup>	5 370	42	3 420
1986	1 321	768	550	2 945 <sup>(2)</sup>	5 006	52	2 864
1987	1 631	2 644	620	4 634 <sup>(2)</sup>	5 734	49	3 751
1988	1 532	2 561	720	4 842 <sup>(2)</sup>	4 567	49	3 702

<sup>(1)</sup> Tonnes (round weight).

<sup>(2)</sup> Includes horse clams.

HERRING

Herring landings decreased from 37,615 tonnes in 1987 to 31,383 tonnes in 1988, a decrease of 17%. The value decreased from \$97 million in 1987 to \$83.5 million in 1988, a decrease of 14%.

1979-1988  
B.C. SALMON QUANTITY, NUMBER OF FISH, AVERAGE WEIGHT, LANDED VALUE BY SPECIES AND YEAR

Salmon landings in 1988 of 87,548 tonnes (round weight) valued at \$312 million increased 31 percent in quantity and 47 percent in value from the previous year.

<u>CHINOOK</u>					<u>PINK</u>				
<u>Year</u>	<u>Quantity Tonnes Round Weight</u>	<u>Number of Fish (000's)</u>	<u>Average Weight Kg.</u>	<u>Landed Value (\$000's)</u>	<u>Year</u>	<u>Quantity Tonnes Round Weight</u>	<u>Number of Fish (000's)</u>	<u>Average Weight Kg.</u>	<u>Landed Value (\$000's)</u>
1979	6 845	1 334	5.1	31 159	1979	24 696	11 826	2.0	29 685
1980	6 540	1 242	5.3	24 307	1980	13 718	8 178	1.7	15 118
1981	5 916	1 133	5.2	25 731	1981	38 253	18 086	2.1	45 822
1982	7 092	1 258	5.6	31 205	1982	3 977	2 677	1.5	3 195
1983	5 378	951	5.7	17 614	1983	39 538	23 946	1.7	26 651
1984	6 254	1 010	6.2	37 316	1984	12 058	7 491	1.6	10 742
1985	5 469	870	6.3	25 564	1985	37 701	20 228	1.9	38 979
1986	5 007	813	6.2	19 658	1986	29 505	17 977	1.6	25 690
1987	5 249	768	6.9	30 527	1987	26 922	13 357	2.0	33 479
1988	5 921	725	8.2	43 795	1988	32 217	23 123	1.4	49 303

<u>SOCKEYE</u>					<u>CHUM</u>				
<u>Year</u>	<u>Quantity Tonnes Round Weight</u>	<u>Number of Fish (000's)</u>	<u>Average Weight Kg.</u>	<u>Landed Value (\$000's)</u>	<u>Year</u>	<u>Quantity Tonnes Round Weight</u>	<u>Number of Fish (000's)</u>	<u>Average Weight Kg.</u>	<u>Landed Value (\$000's)</u>
1979	14 532	5 693	2.6	43 307	1979	4 751	866	5.5	12 243
1980	7 727	3 130	2.5	18 222	1980	16 809	3 332	5.0	36 197
1981	21 000	8 441	2.5	54 577	1981	6 157	1 122	5.5	9 781
1982	30 143	10 079	2.9	78 860	1982	15 061	2 967	5.0	25 528
1983	14 326	5 524	2.6	36 617	1983	4 899	1 001	4.9	7 605
1984	12 877	5 083	2.5	45 976	1984	9 003	1 843	4.9	14 938
1985	31 568	12 248	2.6	120 428	1985	23 646	5 471	4.3	34 755
1986	30 833	10 557	2.9	143 270	1986	25 197	5 580	4.5	37 614
1987	15 035	5 386	2.8	87 380	1987	11 000	2 270	4.8	26 779
1988	11 943	4 474	2.7	96 408	1988	30 297	6 169	4.9	84 621

<u>COHO</u>					<u>TOTAL SALMON*</u>				
<u>Year</u>	<u>Quantity Tonnes Round Weight</u>	<u>Number of Fish (000's)</u>	<u>Average Weight Kg.</u>	<u>Landed Value (\$000's)</u>	<u>Year</u>	<u>Quantity Tonnes Round Weight</u>	<u>Number of Fish (000's)</u>	<u>Average Weight Kg.</u>	<u>Landed Value (\$000's)</u>
1979	10 342	3 651	2.8	44 063	1979	61 214	23 378	2.6	160 533
1980	9 025	3 355	2.7	23 078	1980	53 871	19 249	2.8	117 003
1981	7 514	2 823	2.6	22 009	1981	78 921	31 621	2.5	158 067
1982	9 297	3 187	2.9	26 144	1982	65 704	20 190	3.2	165 102
1983	10 461	4 131	2.5	22 504	1983	74 659	35 566	2.1	111 085
1984	10 089	3 601	2.8	35 532	1984	50 431	19 062	2.6	144 798
1985	8 977	2 950	3.0	26 555	1985	107 565	41 814	2.6	246 671
1986	13 238	4 904	2.7	39 264	1986	103 939	39 868	2.6	265 774
1987	8 415	3 359	2.5	33 747	1987	66 695	25 156	2.7	212 060
1988	7 077	2 745	2.6	37 688	1988	87 548	37 257	2.3	312 064

1979-1983 values do not include bonus or direct delivery payments.

1984-1988 values include bonus payments; 1985 values also include direct delivery payments.

\* Includes Steelhead.

1979-1988  
B.C. SALMON LANDINGS BY YEAR, GEAR, AND SPECIES

YEAR	<u>GILL NET</u>						VALUE* \$ 000's	TOTAL PAYMENTS TO FISHERMEN* \$000's	DELIVERIES* 000's	CATCH PER* DELIVERY Kg.	VALUE PER* DELIVERY \$
	<u>CHINOOK</u> Tonnes	<u>SOCKEYE</u> Tonnes	<u>COHO</u> Tonnes	<u>PINK</u> Tonnes	<u>CHUM</u> Tonnes	<u>TOTAL*</u> Tonnes					
1979	886	7 435	774	2 146	2 151	13 430	34 796	40 580	52	258	669
1980	670	3 265	848	1 711	7 548	14 084	31 042	34 730	51	276	609
1981	652	9 031	562	4 660	3 182	18 153	39 222	44 280	53	342	740
1982	917	9 817	870	526	5 525	17 742	41 387	46 820	51	348	811
1983	594	4 472	531	3 886	2 575	12 100	20 586	23 410	46	263	448
1984	763	6 542	518	1 826	2 988	12 761	35 674	36 260	51	250	699
1985	525	13 461	857	4 012	6 211	25 219	67 387	67 020	70	361	963
1986	516	11 073	981	4 217	9 216	26 130	67 689	69 080	65	402	1 041
1987	270	6 619	380	4 464	4 236	16 026	54 327	55 180	47	341	1 156
1988	485	7 591	417	1 745	8 966	19 281	90 035	91 140	55	351	1 637

YEAR	<u>SEINE</u>						VALUE* \$ 000's	TOTAL PAYMENTS TO FISHERMEN* \$000's	DELIVERIES* 000's	CATCH PER* DELIVERY Kg.	VALUE PER* DELIVERY \$
	<u>CHINOOK</u> Tonnes	<u>SOCKEYE</u> Tonnes	<u>COHO</u> Tonnes	<u>PINK</u> Tonnes	<u>CHUM</u> Tonnes	<u>TOTAL*</u> Tonnes					
1979	903	5 861	1 539	13 983	2 425	24 717	42 522	53 010	12	2 060	3 544
1980	588	4 327	1 252	9 650	8 972	24 796	41 854	49 190	12	2 066	3 488
1981	774	11 636	1 430	24 297	2 847	40 994	63 864	77 220	10	4 099	6 386
1982	780	12 617	1 245	3 148	9 147	26 952	51 818	62 260	10	2 695	5 181
1983	496	9 006	1 354	30 207	2 150	43 225	48 443	59 710	11	3 930	4 404
1984	444	5 791	843	7 811	5 603	20 514	38 399	41 220	13	1 578	2 953
1985	733	14 735	1 410	25 996	15 769	58 676	106 902	106 010	14	4 191	7 636
1986	580	12 944	1 776	23 679	14 152	53 156	101 972	110 300	14	3 797	7 284
1987	355	6 283	985	15 415	6 413	29 465	68 117	72 900	10	2 947	6 812
1988	298	3 693	620	25 559	20 218	50 401	122 919	131 140	14	3 600	8 780

YEAR	<u>TROLL</u>						VALUE* \$ 000's	TOTAL PAYMENTS TO FISHERMEN* \$000's	DELIVERIES* 000's	CATCH PER* DELIVERY Kg.	VALUE PER* DELIVERY \$
	<u>CHINOOK</u> Tonnes	<u>SOCKEYE</u> Tonnes	<u>COHO</u> Tonnes	<u>PINK</u> Tonnes	<u>CHUM</u> Tonnes	<u>TOTAL*</u> Tonnes					
1979	5 056	1 236	8 029	8 567	175	23 067	83 215	85 900	163	142	511
1980	5 282	135	6 925	2 357	289	14 991	44 107	45 560	189	79	233
1981	4 490	333	5 522	9 296	128	19 774	54 984	56 810	164	121	335
1982	5 395	7 709	7 182	303	419	21 010	71 897	74 210	169	124	420
1983	4 288	848	8 576	5 445	148	19 334	42 056	43 410	170	114	247
1984	5 047	544	8 728	2 422	412	17 157	70 725	72 850	138	124	513
1985	4 211	3 373	6 710	7 692	1 666	23 670	72 382	74 550	124	191	584
1986	3 911	6 816	10 481	1 609	1 829	24 653	96 113	96 110	112	220	858
1987	4 623	2 133	7 050	7 042	352	21 204	89 616	89 620	84	253	1 067
1988	5 138	659	6 040	4 913	1 113	17 866	99 110	99 110	86	208	1 152

1979-1983 VALUE does not include bonus or direct delivery payments.

1984-1988 VALUE includes bonus payments; 1985 VALUE also includes direct delivery payments.

For all years TOTAL PAYMENTS TO FISHERMEN equals initial payments plus bonus payments plus direct delivery payments.

\* Includes Steelhead

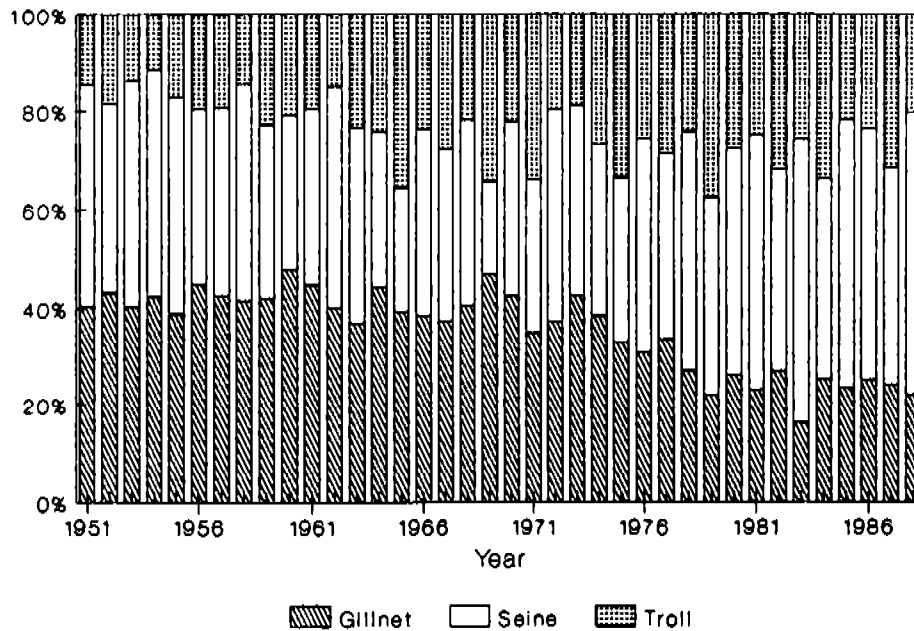
NOTE: All weights are round.

1988  
B.C. SALMON LANDINGS BY SPECIES AND GEAR TYPE

SPECIES	GILL NET		SEINE		TROLL		TOTAL TONNES
	TONNES*	%	TONNES*	%	TONNES*	%	
CHINOOK	485	8.2	298	5.0	5 138	86.8	5 921
SOCKEYE	7 591	63.8	3 693	30.9	659	5.5	11 943
COHO	417	5.9	620	8.8	6 040	85.3	7 077
PINK	1 745	5.4	25 559	79.3	4 913	15.2	32 217
CHUM	8 968	29.8	20 218	66.7	1 113	3.7	30 297
STEELHEAD	77	82.8	13	14.0	3	3.2	93
TOTAL	19 281	22.0	50 401	57.6	17 866	20.4	87 548

\* Round weight

PERCENTAGE OF SALMON CATCH BY GEAR  
1951-1988



1984-1988  
B.C. SALMON LANDINGS BY SPECIES, YEAR AND MONTH

(IN TONNES<sup>1</sup>)

<u>YEAR</u>	<u>JAN.</u>	<u>FEB.</u>	<u>MAR.</u>	<u>APR.</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG.</u>	<u>SEPT.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>	<u>TOTAL</u>
<u>CHINOOK</u>													
1984	-	-	-	109	320	381	2 060	2 363	1 003	17	*	-	6 254
1985	-	-	-	*	376	24	2 001	1 727	1 004	336	1	*	5 469
1986	-	-	-	*	1	552	2 234	1 741	351	126	1	*	5 007
1987	-	-	-	1	3	23	3 207	1 840	160	14	2	*	5 249
1988	-	-	-	1	1	12	3 200	2 169	503	34	*	*	5 921
<u>SOCKEYE</u>													
1984	-	-	-	-	*	974	5 597	6 149	155	2	-	-	12 877
1985	-	-	-	-	2	591	12 021	18 587	351	16	*	-	31 568
1986	-	-	-	-	-	98	3 879	21 647	3 914	1 296	*	-	30 833
1987	-	-	-	-	-	3	4 068	10 570	367	7	19	-	15 035
1988	-	-	-	*	-	3	6 270	4 439	1 128	103	-	-	11 943
<u>COHO</u>													
1984	-	-	-	-	*	11	4 309	3 892	1 824	52	1	-	10 089
1985	-	-	-	-	1	3	3 971	3 027	1 613	360	2	*	8 977
1986	-	-	-	-	-	749	6 639	4 527	997	321	5	*	13 238
1987	-	-	-	-	-	*	4 446	3 183	483	298	5	*	8 415
1988	-	-	-	-	-	*	3 289	2 765	825	195	2	*	7 077
<u>PINK</u>													
1984	-	-	-	-	*	2	4 831	6 761	459	5	-	-	12 058
1985	-	-	-	-	3	1	6 976	20 362	10 049	311	*	-	37 701
1986	-	-	-	-	-	26	8 640	17 417	3 396	26	*	-	29 505
1987	-	-	-	-	-	*	10 980	14 395	1 490	14	43	-	26 922
1988	-	-	-	-	-	-	14 449	17 174	573	21	-	-	32 217
<u>CHUM</u>													
1984	-	-	-	*	*	41	2 500	1 736	1 899	2 603	223	-	9 003
1985	-	-	-	-	5	4	2 530	3 566	2 738	13 417	1 383	3	23 646
1986	-	-	-	-	-	62	5 904	6 619	1 609	10 116	883	2	25 197
1987	-	-	-	-	-	1	2 856	2 728	726	3 789	899	1	11 000
1988	-	-	-	-	-	*	7 039	6 251	1 232	15 374	365	35	30 297
<u>STEELHEAD</u>													
1984	-	-	-	*	-	3	96	49	3	*	-	-	150
1985	-	-	-	*	*	1	112	70	15	5	*	*	203
1986	-	-	-	*	-	1	67	83	5	4	*	*	159
1987	-	-	-	-	-	*	21	50	3	1	*	*	75
1988	-	-	-	*	*	*	32	57	2	2	*	*	93

\* Less than 500 Kg.  
<sup>1</sup> Round weight



1988  
B.C. SALMON LANDINGS BY SPECIES, GEAR, AND MONTH

(In Tonnes)

		JAN. DEC 27 JAN 30	FEB. JAN 31 FEB 27	MARCH FEB 28 MAR 26	APRIL MAR 27 APR 30	MAY MAY 01 MAY 28	JUNE MAY 29 JUN 25	JULY JUN 26 JUL 30	AUGUST JUL 31 AUG 27	SEPT. AUG 28 SEP 24	OCT. SEP 25 OCT 29	NOV. OCT 30 NOV 26	DEC. NOV 27 DEC 31	TOTAL
CHINOOK RED	GN				0.7	1.4	8.9	193.6	159.5	47.1	14.6	*	*	425.8
	SEINE							115.9	118.3	6.6	5.1	*		246.0
	SMALL GN							8.6	2.4	0.7	0.6	*		12.3
	SEINE							9.0	15.7	1.4	1.8	*		28.0
	WHITE GN				0.1	0.1	1.0	23.3	8.4	3.2	11.1	0.1	*	47.2
	SEINE							16.7	5.3	1.7	0.2			23.9
MIXED TROLL						2.0	2,401.2	1,576.0	374.9	0.4	0.1		4,354.6	
SOCKEYE	GN				*		3.0	4,922.7	2,597.5	23.9	44.3			7,591.4
	SEINE							987.8	1,649.9	1,054.7	0.3			3,692.7
	TROLL							304.9	162.6	42.1	49.2			558.7
COHO	GN						0.1	89.4	151.6	59.2	114.7	1.7	*	416.8
	SEINE							142.2	346.2	54.4	76.9	0.2		619.9
	TROLL							2,591.0	1,921.7	602.9	2.7	0.2		5,118.6
PINK	GN							667.5	1,025.6	45.1	7.0			1,745.2
	SEINE							11,895.0	13,171.8	479.0	12.9			25,558.8
	TROLL							1,598.8	2,522.5	41.7	0.5			4,163.4
CHUM	GN						0.1	2,356.0	2,422.0	452.1	3,464.1	237.7	33.7	8,965.7
	SEINE							4,195.7	3,322.0	741.8	11,835.1	123.5		20,218.2
	TROLL							412.8	429.3	32.5	63.5	3.3	1.4	942.9
STEELHEAD	GN				*	*	*	24.9	48.9	1.3	1.5	0.1	*	76.8
	SEINE							5.8	7.2	0.2	0.2	*		13.5
	TROLL							1.5	0.9	0.3				2.6
TOTAL	NET				0.9	1.4	13.1	25,654.2	25,052.4	2,972.5	15,590.6	363.3	33.8	69,682.1
	TROLL						2.0	7,310.2	6,613.0	1,094.4	116.2	3.7	1.4	15,140.9
TOTAL	NET & TROLL				0.9	1.4	15.1	32,964.4	31,665.3	4,066.9	15,706.8	367.0	35.2	84,823.0
SALMON ROE	GN							0.3	*	*	0.4			0.7
	SEINE							*	0.1					0.1
	TROLL							0.6	2.4	1.2	1.8		*	6.0

Gill Net and Seine - Round Weight  
Troll - Dressed Weight, Head On  
Note - Troll includes Troll Freezer  
\* Less than 50 Kg.

1988  
B.C. SALMON LANDINGS BY SPECIES AND AREA

(THOUSANDS OF FISH)

AREA	CHINOOK	SOCKEYE	COHO	PINK	CHUM	STEELHEAD	TOTAL
TAKU	1	13	3	1	1	*	19
STIKINE	1	13	2	*	1	*	18
<b>TOTAL</b>	<b>2</b>	<b>26</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>*</b>	<b>37</b>
<b>NORTH COAST</b>							
1	95	94	217	2 231	126	*	2 763
2E	10	1	58	186	395	*	650
2W	42	5	22	135	9	*	214
3	11	315	42	717	178	2	1 265
4	26	1 515	51	635	231	14	2 472
5	8	41	19	352	41	*	462
6	12	65	61	7 942	718	*	8 799
7	5	2	22	421	314	*	765
8	11	167	47	8 714	846	2	9 787
9	2	378	10	225	41	*	656
10	3	304	10	63	9	*	390
30	*	*	2	6	*	-	8
<b>TOTAL</b>	<b>226</b>	<b>2 886</b>	<b>562</b>	<b>21 627</b>	<b>2 909</b>	<b>19</b>	<b>28 230</b>
<b>SOUTH COAST</b>							
11	18	10	126	140	19	*	313
12	10	92	82	781	516	*	1 481
13	9	40	63	66	602	*	780
14	9	2	165	2	39	*	216
15	2	*	17	*	-	-	19
16	1	7	3	*	*	*	11
17	2	9	22	*	24	-	57
18	*	41	3	*	57	*	102
19	-	-	-	-	-	-	-
20	12	262	57	6	13	*	349
21	11	*	98	1	1 822	*	1 932
22	-	-	-	-	-	-	-
23	150	304	542	22	7	*	1 025
24	93	17	411	16	9	*	546
25	35	9	146	30	9	*	231
26	34	6	145	46	10	*	241
27	101	27	265	384	45	*	822
<b>TOTAL</b>	<b>487</b>	<b>826</b>	<b>2 145</b>	<b>1 494</b>	<b>3 171</b>	<b>1</b>	<b>8 125</b>
<b>FRASER AREA</b>							
28	-	-	-	-	-	-	-
29AB	6	681	25	1	67	*	781
29C	*	2	*	-	*	-	2
29D	4	53	7	-	20	*	83
29E	-	-	*	-	*	-	*
<b>TOTAL</b>	<b>10</b>	<b>736</b>	<b>32</b>	<b>1</b>	<b>87</b>	<b>*</b>	<b>866</b>
<b>TOTAL B.C.</b>	<b>725</b>	<b>4 474</b>	<b>2 745</b>	<b>23 123</b>	<b>6 169</b>	<b>20</b>	<b>37 257</b>

\* Less than 500 pieces

1988  
B.C. SALMON LANDINGS BY SPECIES AND AREA  
(IN TONNES<sup>1</sup>)

AREA	CHINOOK	SOCKEYE	COHO	PINK	CHUM	STEELHEAD	TOTAL
TAKU	5	33	14	1	4	*	58
STIKINE	9	38	8	1	3	1	60
<b>TOTAL</b>	<b>13</b>	<b>71</b>	<b>22</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>118</b>

NORTH COAST

1	942	227	738	3 299	472	1	5 680
2E	93	2	210	263	1 686	*	2 255
2W	449	14	75	204	37	*	780
3	73	740	137	1 030	850	8	2 838
4	217	3 638	158	1 022	1 186	63	6 285
5	68	100	67	494	199	1	929
6	73	176	197	11 050	4 138	2	15 634
7	45	6	74	593	1 437	*	2 155
8	68	420	146	11 755	4 831	9	17 229
9	10	1 206	29	410	249	1	1 905
10	12	956	29	96	57	*	1 152
30	2	*	5	8	1	-	16
<b>TOTAL</b>	<b>2 054</b>	<b>7 485</b>	<b>1 864</b>	<b>30 226</b>	<b>15 144</b>	<b>86</b>	<b>56 858</b>

SOUTH COAST

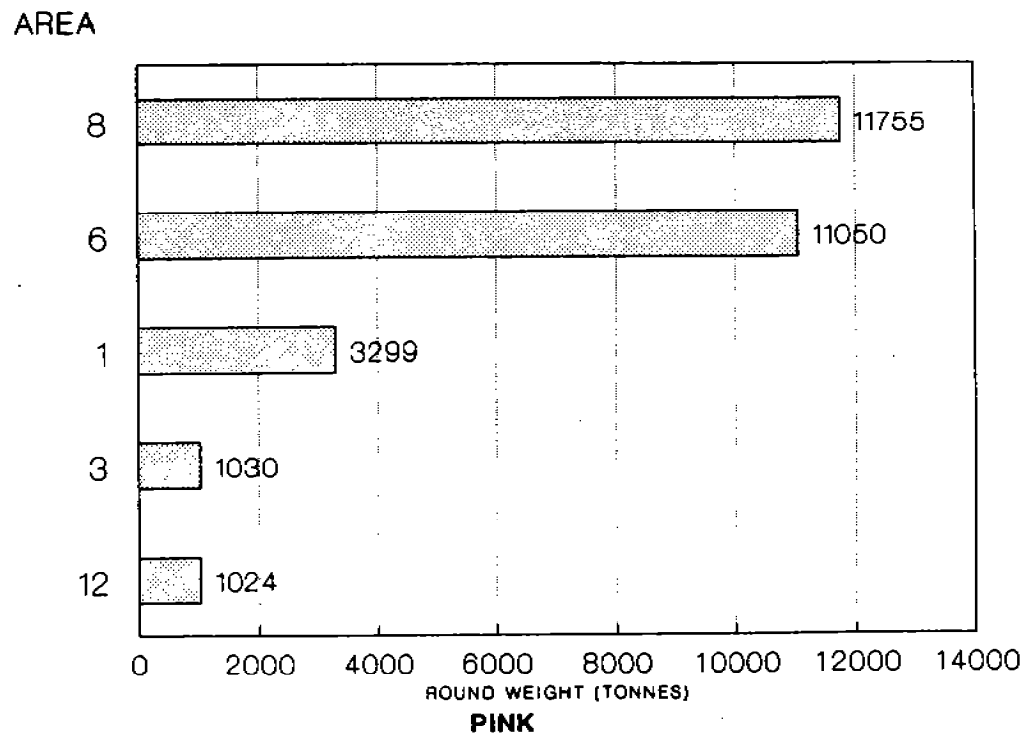
11	157	31	364	192	102	*	846
12	59	258	237	1 024	2 456	2	4 037
13	47	114	123	83	2 783	*	3 151
14	51	5	269	2	189	*	517
15	8	*	28	*	-	-	36
16	3	19	6	*	*	*	27
17	10	24	37	*	110	-	181
18	2	113	6	*	255	*	376
19	-	-	-	-	-	-	-
20	43	763	105	8	57	1	977
21	82	1	245	1	8 393	*	8 723
22	-	-	-	-	-	-	-
23	1 152	734	1 281	33	31	1	3 232
24	717	48	952	25	39	*	1 781
25	300	26	377	42	40	*	785
26	295	18	378	63	43	*	797
27	847	75	697	513	198	*	2 330
<b>TOTAL</b>	<b>3 773</b>	<b>2 228</b>	<b>5 105</b>	<b>1 988</b>	<b>14 696</b>	<b>5</b>	<b>27 795</b>

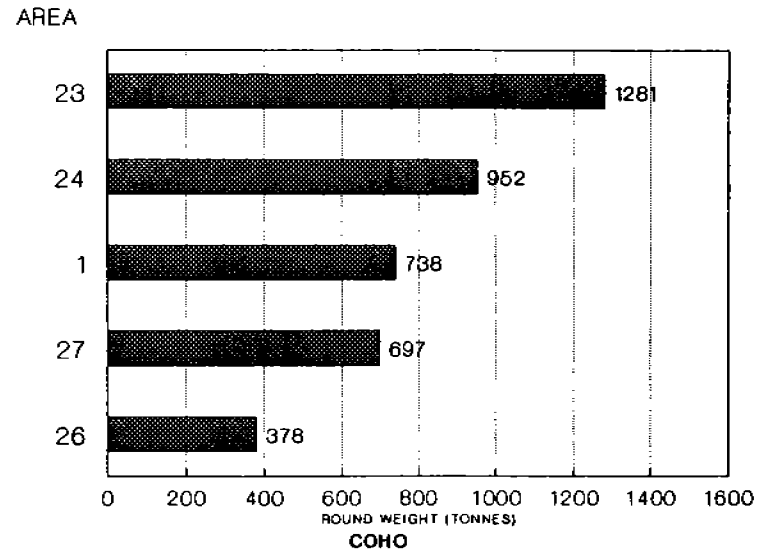
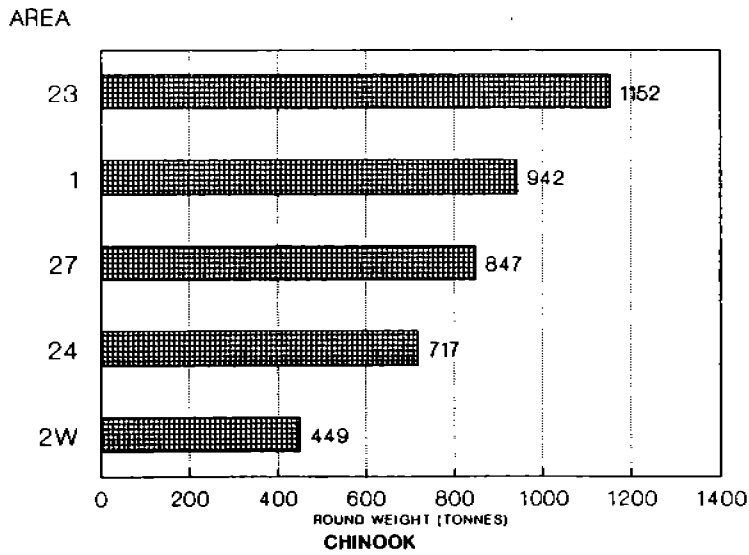
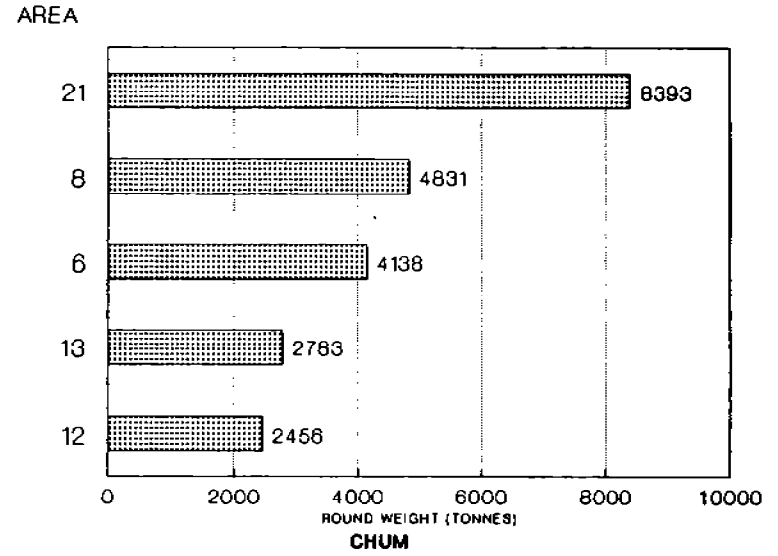
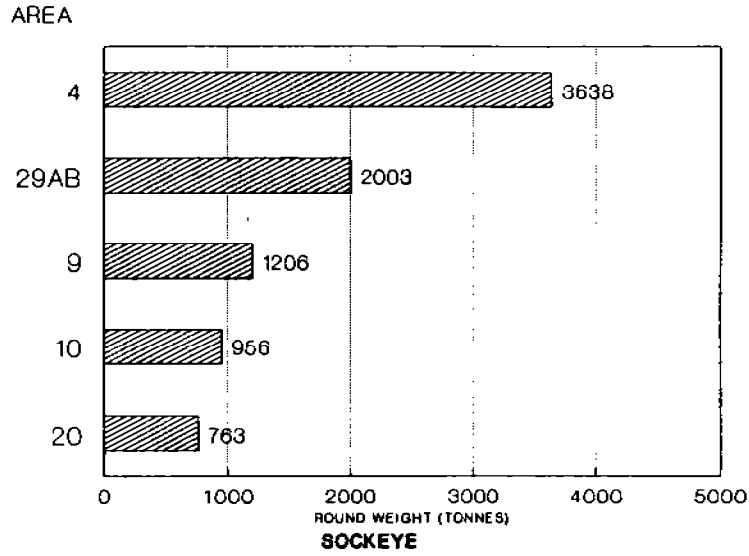
FRASER AREA

28	-	-	-	-	-	-	-
29AB	47	2 003	67	2	345	1	2 464
29C	*	5	*	-	1	-	6
29D	35	151	19	-	104	*	309
29E	-	-	*	-	*	-	*
<b>TOTAL</b>	<b>81</b>	<b>2 159</b>	<b>86</b>	<b>2</b>	<b>449</b>	<b>1</b>	<b>2 778</b>
<b>TOTAL B.C.</b>	<b>5 921</b>	<b>11 943</b>	<b>7 077</b>	<b>32 217</b>	<b>30 297</b>	<b>93</b>	<b>87 548</b>

\* Less than 500 kg.  
1 Round weight

**FIVE HIGHEST PRODUCING AREAS OF BRITISH COLUMBIA  
FOR THE MAJOR SPECIES OF SALMON - 1988**





1979-1988  
B.C. SALMON LANDINGS BY YEAR, SPECIES, AND AREA

(THOUSANDS OF FISH)

QUEEN CHARLOTTE ISLAND - (AREAS 1, 2E, 2W)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	155	256	444	463	22
1980	159	112	499	982	195
1981	161	288	344	704	65
1982	187	91	298	116	96
1983	136	238	497	659	16
1984	174	134	415	2 066	439
1985	191	179	460	1 100	897
1986	140	84	841	1 812	385
1987	176	164	526	2 456	256
1988	147	99	297	2 552	530

NASS, SKEENA, GRENVILLE & PRINCIPE - (AREAS 3, 4, 5)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	54	1 470	146	987	134
1980	40	529	145	1 588	414
1981	49	1 984	118	1 850	97
1982	91	2 428	283	1 495	156
1983	52	752	453	8 311	9
1984	57	1 069	280	4 109	480
1985	66	2 504	244	4 722	269
1986	55	695	461	6 397	293
1987	43	862	170	6 077	177
1988	45	1 870	113	1 704	450

BUTEDALE, BELLA BELLA, BELLA COOLA, - (AREAS 6, 7, 8)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	133	388	246	2 046	516
1980	95	295	228	4 165	933
1981	65	438	179	3 915	606
1982	85	258	153	804	582
1983	67	229	255	4 481	437
1984	43	68	171	924	324
1985	32	220	128	3 689	955
1986	66	226	377	8 803	2 085
1987	40	316	151	1 583	851
1988	28	234	131	17 077	1 878

RIVERS AND SMITH INLETS - (AREAS 9, 10)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	16	40	36	43	16
1980	10	3	30	24	31
1981	7	254	27	175	18
1982	11	339	30	7	32
1983	12	170	84	39	10
1984	5	77	31	88	16
1985	10	563	23	151	43
1986	17	723	105	193	201
1987	10	600	26	136	52
1988	5	682	20	288	51

1979-1988  
B.C. SALMON LANDINGS BY YEAR, SPECIES AND AREA  
(THOUSANDS OF FISH)

<u>JOHNSTONE STRAIT - (AREAS 12, 13)</u>						<u>STRAIT OF GEORGIA - (AREAS 14, 15, 16, 17, 18)</u>					
<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>	<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	113	1 001	193	2 101	105	1979	199	17	195	21	7
1980	123	990	231	1 113	705	1980	203	91	111	4	81
1981	110	2 971	242	4 647	100	1981	188	291	60	156	56
1982	97	1 651	255	183	1 167	1982	134	222	89	3	240
1983	104	2 206	313	7 517	135	1983	74	287	61	93	125
1984	74	1 163	167	215	65	1984	60	112	76	3	164
1985	66	2 766	186	5 364	570	1985	42	287	178	135	528
1986	37	2 005	185	501	1 233	1986	34	95	161	2	373
1987	34	1 388	105	1 668	99	1987	25	139	185	75	368
1988	19	132	144	847	1 117	1988	13	59	211	2	119

JUAN DE FUCA STRAIT (AREA 20)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	35	325	257	2 585	4
1980	8	105	159	1	61
1981	30	318	283	2 787	8
1982	17	1 603	129	12	15
1983	4	14	17	62	*
1984	21	576	79	3	1
1985	45	2 763	225	2 175	6
1986	60	2 044	205	16	5
1987	11	500	217	551	21
1988	12	262	57	6	13

WEST COAST OF VANCOUVER ISLAND  
(AREAS 21, 22, 23, 24, 25, 26, 27)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	542	1 061	1 940	3 074	21
1980	536	665	1 723	195	786
1981	471	1 054	1 392	2 760	146
1982	589	2 668	1 802	43	595
1983	427	956	2 179	1 104	16
1984	512	961	2 183	67	346
1985	376	1 493	1 396	1 819	2 090
1986	348	1 827	2 167	180	796
1987	360	685	1 829	565	425
1988	425	363	1 607	498	1 903

FRASER RIVER - (AREAS 28, 29A&B, 29C 29D)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1979	56	1 098	26	104	8
1980	39	292	33	*	76
1981	24	773	6	328	8
1982	25	755	22	1	63
1983	27	531	14	965	8
1984	30	888	11	1	2
1985	32	1 314	31	509	53
1986	33	2 668	44	2	99
1987	13	611	11	140	10
1988	10	736	32	1	87

1988

## B.C. SALMON LANDINGS / EFFORT BY WEEK, SPECIES, AND GEAR

(In Number of Fish / Days Fished)

	RED CHINOOK		SMALL CHINOOK		WHITE CHINOOK		TOTAL CHINOOK			SOCKEYE			COHO		
	Gill Net	Seine	Gill Net	Seine	Gill Net	Seine	Gill Net	Seine	Troll	Gill Net	Seine	Troll	Gill Net	Seine	Troll
TOTAL JANUARY															
TOTAL FEBRUARY															
TOTAL MARCH															
TOTAL APRIL	83				14		97			3					
MAY 01 - MAY 07	51				1		52								
MAY 08 - MAY 14	29				1		30								
MAY 15 - MAY 21	22						22								
MAY 22 - MAY 28	49				3		52								
TOTAL MAY	151				5		156								
MAY 29 - JUN 04	60				5		65								
JUN 05 - JUN 11	403				44		447		508				1		
JUN 12 - JUN 18	125				12		137			51					
JUN 19 - JUN 25	295				29		324			1111			48		
TOTAL JUNE	883				90		973		508	1162			49		
JUN 26 - JUL 02	3392		883		270		4545		5060	90087		43	1847		25708
JUL 03 - JUL 09	4951		1284		393		6628		103899	240828		1581	4844		451958
JUL 10 - JUL 16	6477	2977	1289	1395	469	438	8235	4810	105268	583670	87572	26663	8831		320786
JUL 17 - JUL 23	4949	4497	1221	4311	503	719	6673	9527	90648	467194	202022	64033	7366	16251	320678
JUL 24 - JUL 30	3200	4500	569	2892	356	345	4125	7737	45184	432002	121792	40494	6835	24079	181433
TOTAL JULY	22969	11974	5246	8598	1991	1502	30206	22074	350059	1813781	411386	132814	29823	49210	1300563
JUL 31 - AUG 06	3234	2791	673	2140	453	171	4360	5102	67947	605775	178474	27149	9729	18764	218773
AUG 07 - AUG 13	2383	5166	402	3614	397	246	3182	9026	57131	281811	347363	6615	17522	49329	192096
AUG 14 - AUG 20	890	2908	285	4504	33	50	1208	7462	46741	92198	77760	37023	20845	43684	215814
AUG 21 - AUG 27	9679	2391	86	3798	29	71	9794	6260	44476	10330	40717	3541	6550	22971	191587
TOTAL AUGUST	16186	13256	1446	14056	912	538	18544	27850	216295	990114	644314	74328	54646	134748	818270
AUG 28 - SEP 03	87	47	19	166	14	8	120	221	8926	634	272	584	4036	4656	94736
SEP 04 - SEP 10	4205		12		40		4257		29908	1678		1029	1042		137992
SEP 11 - SEP 17	323	462	72	494	89	21	484	977	5649	587	210283	1251	7457	9005	29420
SEP 18 - SEP 24	162	289	300	608	175	146	637	1043	194	5240	135158	14399	2410	2492	1836
TOTAL SEPTEMBER	4777	798	403	1268	318	175	5498	2241	44677	8139	345713	17263	14945	16153	263984
SEP 25 - OCT 01	912	153	100	531	85	9	1097	693	50	4911	50	19674	6900	11380	1325
OCT 02 - OCT 08	320	179	145	111	696	4	1161	294	3	8683	1	219	13969	1760	113
OCT 09 - OCT 15	210	187	70	523	43	1	323	711		338	12	54	3522	5766	2
OCT 16 - OCT 22	351	88	64	487	156	6	571	581		1388			11226	4076	3
OCT 23 - OCT 29	71	18	14	21	133		218	39	24	4	35		1446	303	18
TOTAL OCTOBER	1864	625	393	1673	1113	20	3370	2318	77	15324	98	19947	37063	23285	1461
TOTAL NOVEMBER	12	6	3	2	8		23	8	34				453	39	116
TOTAL DECEMBER	7				1		8						8		
TOTAL 1988	46932	26659	7491	25597	4452	2235	58875	54491	611650	2828523	1401511	244352	136987	223435	2384394

Note: Troll Includes Troll Freezer



1988  
B.C. SALMON LANDINGS / EFFORT BY WEEK, SPECIES, AND GEAR

(In Number of Fish / Days Fished)

	PINK			CHUM			STEELHEAD			TOTAL LANDINGS		DAYS FISHED			
	Gill Net	Seine	Troll	Gill Net	Seine	Troll	Gill Net	Seine	Troll	Net	Troll	Gill Net	Seine	Tr. & HL	Tr. Fr.
TOTAL JANUARY															
TOTAL FEBRUARY															
TOTAL MARCH															
TOTAL APRIL							2			102		25			
MAY 01 - MAY 07										52		6			
MAY 08 - MAY 14									1	31		7			
MAY 15 - MAY 21										22		6			
MAY 22 - MAY 28									1	52		7			
TOTAL MAY									1	157		26			
MAY 29 - JUN 04										65		5			
JUN 05 - JUN 11				14			1			463	508	54		14	
JUN 12 - JUN 18										188		8			
JUN 19 - JUN 25				5			14			1502		23			
TOTAL JUNE				19			15			2218	508	90		14	
JUN 26 - JUL 02	203		987	3806		375	263		1	100751	32174	1706		455	6
JUL 03 - JUL 09	12500		65597	33642		11994	773		174	299215	635203	3871		7577	218
JUL 10 - JUL 16	50376	350239	316521	105626	65301	24133	1376	229	98	1275145	793469	6636	1146	7206	1358
JUL 17 - JUL 23	122868	2574901	385750	94430	279573	54823	2066	567	85	3783438	916017	6402	1623	9244	2402
JUL 24 - JUL 30	179053	5902266	469180	186047	431408	28077	1521	502	67	7297467	764435	6420	1849	5626	1856
TOTAL JULY	365000	8827406	1238035	423551	776282	119402	5999	1298	425	12756016	3141298	25035	4618	30108	5840
JUL 31 - AUG 06	247697	6057620	873867	116146	325015	43634	4839	1087	106	7574608	1231476	5354	1515	7731	2624
AUG 07 - AUG 13	140469	2032618	589511	147078	119393	34175	1857	245	81	3149893	879589	4237	1279	6902	1741
AUG 14 - AUG 20	145670	910112	637326	66430	87468	42622	2990	149	35	1455976	979561	3049	864	7194	2048
AUG 21 - AUG 27	35807	583509	29851	54252	108951	6822	466	59	29	879666	276306	1388	593	5911	2263
TOTAL AUGUST	569643	9583859	2130555	383906	640827	127253	10152	1540	231	13060143	3366932	14028	4251	27738	8676
AUG 28 - SEP 03	12159	297812	21110	25006	51667	2872	81	11	20	396675	128248	644	276	3406	872
SEP 04 - SEP 10	12131		8155	343		5336	64		66	19515	182486	534		5284	2074
SEP 11 - SEP 17	691	36152	1854	54801	70425	1140	100	19		390981	39314	1584	550	598	860
SEP 18 - SEP 24	529	3054	2652	17798	26435	370	46	20		194862	19451	998	421	269	106
TOTAL SEPTEMBER	25510	337018	33771	97948	148527	9718	291	50	86	1002033	369499	3760	1247	9557	3912
SEP 25 - OCT 01	3316	7293	197	170681	220109	1135	75	15		426520	22381	2655	545	335	
OCT 02 - OCT 08	5	9		149996	702536	1	57	8		878479	336	2206	919	16	
OCT 09 - OCT 15	68	693		134010	999278		50	25		1144796	56	2194	1234	1	
OCT 16 - OCT 22	649	277		199633	486637	5694	83	5		705126	5697	2535	731	59	2
OCT 23 - OCT 29				85363	181536	12166	14	2		268960	12208	1148	206	129	
TOTAL OCTOBER	4038	8272	197	739683	2590096	18996	279	55		3423881	40678	10738	3635	540	2
TOTAL NOVEMBER				52317	31429	924	17	1		84287	1074	917	33	51	
TOTAL DECEMBER				7614		506	4			7634	506	151		16	
TOTAL 1988	964191	18756555	3402558	1705038	4187161	276799	16760	2944	742	30336471	6920495	54770	13784	68024	18430

Note: Troll Includes Troll Freezer

1988  
B.C. HERRING & GROUND FISH LANDINGS BY SPECIES, GEAR AND MONTH

(In Tonnes)

		JAN. DEC 27 JAN 30	FEB. JAN 31 FEB 27	MARCH FEB 28 MAR 26	APRIL MAR 27 APR 30	MAY MAY 01 MAY 28	JUNE MAY 29 JUN 25	JULY JUN 26 JUL 30	AUGUST JUL 31 AUG 27	SEPT. AUG 28 SEP 24	OCT. SEP 25 OCT 29	NOV. OCT 30 NOV 26	DEC. NOV 27 DEC 31	TOTAL
ROE ON KELP					218.0									218.0
HERRING ROE	G.N. SEINE			7,436.1	5,309.2									12,745.3
	FOOD			13,049.8	4,056.9									17,106.7
	BAIT	76.3										175.6	299.8	475.4
	POND	202.3											24.8	101.1
	G.N. SEINE												108.9	311.2
	G.N. SEINE	3.6		0.2	20.3	186.6	11.4	11.4	10.6	5.4	393.9			643.5
HALIBUT LARGE	L.L. H.L. & TROLL					379.5	1.0		251.6	119.3				751.4
	MEDIUM				0.8	2,695.3	5.8	0.5	1,782.8	479.3				6.9
	CHIX					32.8			12.6	0.7			0.1	46.1
	NO. 2				0.3	46.6	0.2		29.8	18.6				1.4
	MIXED					0.4			0.4	0.1				95.4
														0.9
SOLE	BRILL TRAWL	31.8	91.8	91.5	93.2	51.0	100.6	76.5	46.3	79.2	59.9	43.4	16.8	782.1
	BUTTER TRAWL													
	DOVER TRAWL	22.2	68.8	116.9	183.1	113.5	87.8	110.1	152.3	175.0	158.0	36.9	31.8	1,256.4
	LEMON TRAWL	36.1	84.6	34.2	122.6	65.1	47.4	92.1	91.8	85.7	117.3	55.9	21.1	854.0
	REX TRAWL	1.4	13.3	1.9	3.6	3.3	6.3	14.5	18.4	33.2	37.6	7.1	4.8	145.3
	ROCK TRAWL	11.4	33.2	36.0	151.8	233.3	359.0	375.9	160.3	217.5	224.5	82.2	21.7	1,906.6
	MIXED TRAWL	18.3	11.7	14.8	20.6	21.9	18.5	14.1	24.1	9.7	27.8	3.1	6.4	190.9
	TOTAL TRAWL	121.2	303.4	295.3	575.0	488.1	619.6	683.2	493.2	600.4	625.1	228.5	102.5	5,135.4
OTHER	*	0.1	0.2	0.1	0.8	0.1	*	*	*	0.2		2.0	3.6	
LINGCOD	H.L. & TROLL	3.1	5.8	16.1	29.4	51.6	92.6	103.4	58.2	44.2	43.6	14.6	5.8	468.4
	L.L.	12.9	11.9	13.8	37.9	145.5	54.5	8.2	83.4	30.3	49.2	11.9	8.0	467.4
	TRAWL	13.3	14.6	10.8	82.0	147.1	499.6	655.7	343.2	347.1	278.3	77.1	26.7	2,495.5
	OTHER					5.2	4.2	0.1	0.9	0.6	1.1	0.3	*	12.5
PACIFIC COD	H.L. & TROLL	0.3		*		0.3	*	0.2	*	0.1	0.1		3.2	4.3
	TRAWL	759.4	1,831.0	1,049.0	1,729.9	1,145.3	1,093.0	658.4	475.9	790.4	709.3	366.5	391.8	10,999.8
	M.W. OTHER	1.0	3.6	1.7	1.6	5.7	0.6	1.5	0.6	0.2	0.3	0.5	0.1	6.3
	OTHER					2.3	1.5	0.6	0.1	0.2	0.3	0.5	0.2	13.5
SABLEFISH	L.L.	0.2	0.1		*	201.6	106.0	128.9	19.3	710.3	107.3	*		1,273.6
	TRAWL	6.0	15.4	33.6	44.1	25.5	44.7	88.0	118.7	102.3	96.1	39.9	18.1	632.3
	TRAP		71.5	331.9	216.7	442.3	752.7	612.4	382.8	436.5	98.4	36.4		3,381.6
	OTHER					2.1	*	*	1.1					3.2

Halibut - Dressed Weight, Head Off  
 All Others - Round Weight  
 Note - Troll includes Troll Freezer  
 \* Less than 50 Kg.

1988  
B.C. HERRING & GROUND FISH LANDINGS BY SPECIES, GEAR, AND MONTH

(In Tonnes)

		JAN. DEC 27 JAN 30	FEB. JAN 31 FEB 27	MARCH FEB 28 MAR 26	APRIL MAR 27 APR 30	MAY MAY 01 MAY 28	JUNE MAY 29 JUN 25	JULY JUN 26 JUL 30	AUGUST JUL 31 AUG 27	SEPT. AUG 28 SEP 24	OCT. SEP 25 OCT 29	NOV. OCT 30 NOV 26	DEC. NOV 27 DEC 31	TOTAL
P.O. PERCH	TRAWL	375.0	483.3	265.5	1,139.1	940.0	766.3	682.5	207.8	258.4	1,017.8	418.4	204.5	6,758.5
	M.W. TRAWL	7.6	*	0.1	*	8.8	7.7	1.8		*	2.1	*		28.0
	OTHER					0.6	*							0.8
REEDI ROCKFISH	TRAWL	141.5	71.2	28.7	285.8	152.0	87.4	167.4	58.3	57.2	100.4	32.7	42.9	1,225.5
	M.W. TRAWL	5.8					1.5					8.1		15.3
GREENIES	TRAWL	326.3	622.1	310.5	471.1	463.5	346.0	292.1	132.3	156.1	220.8	133.6	115.7	3,590.1
	M.W. TRAWL	77.4	75.3		124.6	287.8	160.8	10.5			85.4	92.0	41.9	955.7
UNSP. ROCKFISH	TROLL	4.7	13.4	19.9	13.6	40.4	69.2	75.1	61.4	55.1	45.3	16.9	21.0	436.1
	L.L.	5.8	16.0	16.8	21.7	93.1	59.4	14.5	73.4	65.2	18.1	20.2	5.3	409.5
	TRAWL	503.4	832.1	721.3	1,142.4	979.8	1,065.2	1,238.1	795.1	999.2	1,469.8	935.0	636.6	11,317.9
	M.W. TRAWL OTHER	92.9 *	73.8		71.7 *	674.6	178.5 3.9	11.2 0.3		0.2	1.1 0.1	67.3 0.5	95.8	39.6 *
RED SNAPPER	TROLL	2.6	4.2	12.0	11.8	15.3	36.9	21.1	11.8	17.3	20.5	3.8	2.1	159.4
	L.L.	21.8	43.4	21.9	94.7	97.6	103.8	18.8	47.9	61.9	68.1	9.1	3.0	592.0
	TRAWL			*				*		*	*		*	*
	OTHER	*												0.1
FLOUNDER	TRAWL	10.9	2.0	17.8	31.9	10.9	2.1	2.4	11.3	22.3	15.7	12.1	1.6	141.2
	OTHER	*								*				*
SKATE	TRAWL	31.7	62.7	21.5	82.3	71.1	51.4	79.7	46.8	46.7	51.5	13.3	7.8	566.6
	M.W. TRAWL					*								*
	L.L. OTHER	1.2 0.7	3.9	2.7 0.2	3.9 0.4	2.7 *	2.2 0.2	0.5 0.1	0.7 0.1	0.4 0.1	0.7 0.1	0.8 *	0.6	20.2 1.8
IDIOT FISH	TRAWL	5.2	6.9	8.8	12.5	9.4	16.4	16.0	3.5	1.0	6.6	15.7	17.8	119.8
	L.L.				*	0.5	0.3	0.9	*	*		*		1.7
	OTHER				0.2		5.4							5.6
SILVER PERCH	TRAWL		0.1	*	0.2								0.1	0.5
	OTHER		0.3		0.3	0.3								0.9
TURBOT	TRAWL	2.8	15.2	5.6	28.5	56.0	117.9	52.5	3.8	29.7	16.0	6.6	5.6	340.2
	OTHER													
POLLOCK	TRAWL	3.9	79.1		0.1	0.6	0.1	0.9	0.1	0.3	3.5	3.0	7.3	99.1
	M.W. TRAWL		131.8	196.6	9.8	*	*					22.4		360.6
DOGFISH	TRAWL	36.9	88.5	218.3	1,007.1	310.5	23.0	17.5	14.8	6.8	6.7	32.8	11.7	1,774.6
	M.W. TRAWL			14.6	10.1									24.7
	L.L.	294.9	581.6	655.1	990.9	446.2	111.3	5.0	0.5	1.1	156.4	184.0	62.8	3,489.6
	OTHER		0.6	0.5	1.9	16.7	4.3	*	0.3	0.1	0.1	0.1	0.1	24.8
HAKE	TRAWL		221.5		752.2	34.6			4.1	12.8	17.4	*	*	1,042.7
	M.W. TRAWL	97.2	774.1	2,558.0	1,141.3		281.6	15.5	32.9	341.7	25.1		50.8	5,318.2
	OTHER													
SHARK		1.8	0.6	0.6	0.3	0.1	0.2	0.2		0.1	*			3.9
TOTAL		3,251.9	6,460.8	27,335.3	19,772.8	10,723.1	6,790.6	5,675.9	5,574.7	5,820.4	5,816.4	2,987.6	2,293.3	102,502.7

Halibut - Dressed Weight, Head Off  
All Others - Round Weight  
Note - Troll includes Troll Freezer  
\* Less than 50 Kg.

1988

## B.C. SHELLFISH &amp; OTHER FISH LANDINGS / EFFORT BY SPECIES, GEAR AND MONTH

(In Tonnes/Days Fished)

	JAN. DEC 27 JAN 30	FEB. JAN 31 FEB 27	MARCH FEB 28 MAR 26	APRIL MAR 27 APR 30	MAY MAY 01 MAY 28	JUNE MAY 29 JUN 25	JULY JUN 26 JUL 30	AUGUST JUL 31 AUG 27	SEPT. AUG 28 SEP 24	OCT. SEP 25 OCT 29	NOV. OCT 30 NOV 26	DEC. NOV 27 DEC 31	TOTAL	
SQUID OTHER SEINE OTHER		0.1		1.2 0.2	70.0	16.8							88.0 0.3	
PLANKTON M.W. TRAWL OTHER	111.5	72.8	45.3									17.5	247.0	
OCTOPUS DIVING TRAWL TRAP OTHER	23.1 3.3 0.1 0.5	22.2 3.3 *	16.1 1.4 0.3 0.4	15.7 3.1 1.6 1.5	5.6 1.8 0.1 1.4	4.6 0.9 *	8.2 0.9 0.4 1.3	8.1 0.4 0.3 1.5	12.5 1.7 0.2 0.7	17.5 6.0 0.1 2.1	6.6 4.7 0.1 0.7	20.6 1.0 0.1 3.6	160.8 28.4 3.1 17.1	
SEA URCHIN DIVING	236.7	182.7	53.1	46.1	211.5	78.0	49.2	0.1	86.0	517.5	501.2	597.4	2,559.4	
PRAWNS TRAWL TRAPS	0.2 22.9	0.4 18.9	0.4 35.8	0.3 98.7	0.3 81.9	0.2 76.5	0.1 75.8	0.3 37.9	1.1 53.3	1.0 69.8	0.5 49.2	0.5 93.6	5.3 714.3	
SHRIMP TRAWL TRAPS	26.2 1.0	37.9 0.2	49.9 0.1	51.2 0.4	254.6 0.4	552.6 0.3	810.2 0.7	183.7 0.2	137.1 1.9	280.1 2.2	122.1 1.6	44.1 2.4	2,549.5 11.2	
DAYS FISHED TRAWL SHRIMP & PRAWN TRAPS	300 505	472 179	451 336	480 1,596	588 1,490	908 1,637	613 1,463	263 970	380 691	522 1,704	480 949	466 1,748	5,923 13,268	
CLAMS RAZOR BUTTER JAPANESE LITTLENECK NATIVE LITTLENECK MIXED	25.9 333.2 46.8 1.5	25.5 354.0 45.1 2.1	18.0 23.8 320.2 42.2 2.0	52.7 0.5 395.7 28.3 3.6	48.6 1.1 269.3 11.5 1.3	32.0 0.4 298.3 21.3 2.2		0.9 0.3 391.6 23.6 1.7		0.8 1.6 264.1 12.7 1.7		3.3 17.2 243.7 7.9 0.1	16.1 359.7 21.6 10.3	155.4 134.6 3,908.8 289.9 27.2
ABALONE DIVING DAYS FISHED ABALONE	0.2 3	2.9 31	* 3	18.5 62	2.5 19	3.9 49			1.9 26	2.4 29	6.5 69	10.1 54	48.9 345	
CRAB (in shell) TRAWL TRAPS	49.8	48.9	44.7	75.4	82.8	174.6	321.3	146.2	163.2	239.7	112.1	73.1	1,531.8	
DAYS FISHED TRAWL CRAB TRAPS	845	707	708	973	772	1,399	2,498	1,762	2,048	2,450	1,054	1,219	16,435	
GEODUCK CLAMS DIVING	641.6	747.0	1,408.6	364.4	22.8	488.7	250.9	99.8	168.5	356.5	9.2	9.1	4,567.2	
HORSE CLAMS	6.8	2.0	*	31.7	137.7	76.5	31.3	22.4	9.6	2.8	4.9		325.6	
MUSSELS	1.5	*	0.2	0.1	0.5	0.2	*						2.6	
GOOSE BARNACLES	0.4	1.8	4.0	14.2	7.7	4.7	7.3	3.1	2.3	2.3	0.1	0.5	48.6	
SCALLOPS	2.5	2.7	3.6	6.1	6.6	8.8	9.6	3.8	3.9	4.3	6.2	9.1	67.2	
SNAILS														
CRAYFISH							0.8	0.4	0.7	0.4			2.3	
SEA CUCUMBER DIVING	385.0	365.8	382.8	671.3	116.3								1,921.3	
NON-FOOD FISH	12.9	27.9	20.7	42.1	81.3	56.4	79.6	36.0	51.9	52.0	61.4	3.4	525.8	
EULACHON OTHER GN				15.5	24.1								39.5	
HAGFISH TRAPS OTHER										24.2		42.0	66.2	
STURGEON GN OTHER		0.2	0.1	0.1	0.3	0.1	0.3 *	0.6		3.3 *	0.1		4.3 0.8	
TUNA									22.9	12.9		1.3	37.0	
SMELT OTHER GN					*	0.6	*	0.3	0.3	*			1.2	
ANCHOVIES OTHER SEINE						0.9		2.1	51.0				54.0	
F.W. FISH OTHER GN OTHER						*	0.1	0.1	*				0.3	
OTHER FISH	*	*	0.1	*	*	0.1	0.8	1.4	0.2	0.1	*	*	2.8	
TOTAL WEIGHT	1,933.6	1,965.4	2,473.8	1,940.2	1,441.9	1,901.9	2,066.7	896.6	1,051.8	1,968.2	1,170.6	1,337.0	20,147.7	

\* Less than 50 Kg.

1988  
B.C. EFFORT BY GEAR, AND MONTH

(In Days Fished / Deliveries)

	JAN. DEC 27 JAN 30	FEB. JAN 31 FEB 27	MARCH FEB 28 MAR 26	APRIL MAR 27 APR 30	MAY MAY 01 MAY 28	JUNE MAY 29 JUN 25	JULY JUN 26 JUL 30	AUGUST JUL 31 AUG 27	SEPT. AUG 28 SEP 24	OCT. SEP 25 OCT 29	NOV. OCT 30 NOV 26	DEC. NOV 27 DEC 31	TOTAL
SALMON GILL NET SEINE TROLL & HL TROLL FREEZER				25	26	90	25,035 4,618 30,108 5,840	14,028 4,251 27,738 8,676	3,760 1,247 9,557 3,912	10,738 3,635 540 2	917 33 51	151 16	54,770 13,784 68,024 18,430
HERRING GILL NET * SEINE * TRAWL	4 32		1,577 275	2,287 119	128	21	18	20	10	11	4	9 8	3,864 619 40
LONGLINE	273	453	455	764	4,475	772	326	2,048	942	445	196	145	11,294
TRAWL	401	617	443	794	732	670	481	374	510	668	367	297	6,354
MIDWATER TRAWL	12	25	35	19	46	24	3	4	4	9	10	20	211
SHRIMP TRAWL	300	472	451	480	588	908	613	263	380	522	480	466	5,923
BEACH SEINE				2									2
OTHER SEINE				4	10	16		1	3				34
OTHER GILL NET				89	73	10	3	8	5	1			189
PRAWN TRAP	505	179	336	1,596	1,490	1,637	1,463	970	691	1,704	949	1,748	13,268
CRAB TRAP	845	707	708	973	772	1,399	2,498	1,762	2,048	2,450	1,054	1,219	16,435
OTHER TRAP	9	27	20	188	101	156	177	95	43	42	6	82	946
DIVING	1,402	1,228	1,201	985	519	512	310	227	364	876	591	806	9,021
OTHER GEARS	4,182	4,427	4,627	5,801	4,400	4,572	4,446	3,572	3,052	3,552	2,643	3,853	49,127

\* - Denotes Deliveries

1988  
B.C. LICENCE STATUS REPORT

COMMERCIAL LICENCES:

A. Limited Entry Licences

Category:		Total to be issued	Issued to 89-03-31	% of Total
SALMON	A	3691	3687	99.89
	A (Seine)	549	549	100.00
	B	2	2	100.00
	N	253	253	100.00
SCHEDULE II:	C	1112	1084	97.48
	E	28	26	100.00
ABALONE	G	55	55	100.00
GEODUCK OR HORSECLAM	H (Gill Net)	1327	1327	100.00
ROE HERRING	H (Seine)	252	252	100.00
HERRING SPAWN ON KELP	J	28	28	100.00
	K	47	47	100.00
SABLEFISH	L	435	435	100.00
HALIBUT	S	249	249	100.00
SHRIMP TRAWL	T	142	142	100.00
GROUND FISH TRAWL				
		<u>8168</u>	<u>8136</u>	<u>99.61</u>

B. Unlimited Licences

Category:		Issued to 88-12-30	
PACKING PROCESSOR	D	182	
	P	11	
		—	
FISHING WITH VESSEL:			
GREEN SEA URCHIN	Z-A	89	
WEATHERVANE SCALLOP	Z-B	5	
RED SEA URCHIN	Z-C	184	
SEA CUCUMBER	Z-D	160	
SQUID SPECIES	Z-E	72	
EUPHAUSIID	Z-F	31	
COPEPOD	Z-G	0	
SHRIMP	Z-H	677	
PINK OR SPINY SCALLOP	Z-I	34	
OCTOPUS	Z-J	188	
ANCHOVY	Z-K	9	
SURF AND PILE PERCH	Z-L	25	
HERRING OTHER THAN ROE HERRING	Z-M	18	
ROCKFISHES	Z-N	2105	
SIX - GILL SHARKS	Z-O	35	
		<u>3632</u>	
FISHING WITHOUT VESSEL:			
MUSSEL	Z-1	43	
CLAM	Z-2	0	
WINKLES	Z-3	0	
TOP SNAIL	Z-4	0	
LIMPET	Z-5	0	
GOOSENECK BARNACLE	Z-6	467	
OCTOPUS	Z-7	19	
SMELT	Z-8	67	
EULACHON	Z-9	5	
		<u>601</u>	
			"Z" TOTAL <u>4233</u>

C. Salmon Trollers who have elected Inside Area:

Category A	223
B	1
N	<u>0</u>
	<u>224</u>

D. Number of Salmon Vessels by Gear Type:

CATEGORY	GILL NET	TROLL	COMBINATION	SEINE
A	658	799	2229	549
B	0	2	0	0
N	<u>0</u>	<u>0</u>	<u>253</u>	<u>0</u>
Totals:	<u>658</u>	<u>801</u>	<u>2482</u>	<u>549</u>

E. Roe Herring -Area Election:

AREA	GILL NET	SEINE
Central (C)	116	59
St. of Georgia (G)	528	18
W.C.V.I. -N (N)	172	35
Prince Rupert (P)	511	51
W.C.V.I. -S (S)	<u>0</u>	<u>76</u>
	<u>1327</u>	<u>239</u>

\*13 Seine vessels on charter - no area election

F. Total Number of Licensed Vessels: 5920

II. PERSONAL COMMERCIAL FISHING LICENCES: Entered on Licensing System as at: 1988-12-05

TYPE	1988
Annual	15377
5-Year(valid for 1986)	<u>5236</u>
	<u>20613</u>

III. REVENUE FROM COMMERCIAL LICENSING AS AT: 1988-12-30: =\$ 4,374,160.00

IV. REVENUE FROM 88/89 TIDAL WATER SPORT FISHING LICENCES AS AT: 88-12-30 = \$ 3,614,237.50