



Annual Summary
of
**BRITISH COLUMBIA
COMMERCIAL
CATCH STATISTICS
1989**

PACIFIC REGION



Fisherles
and Oceans

Pêches
et Océans

Canada

1989
ANNUAL SUMMARY
OF
BRITISH COLUMBIA COMMERCIAL CATCH STATISTICS

TABLE OF CONTENTS

	<u>PAGE</u>		<u>PAGE</u>
Foreword and Important Notes	1	Salmon Landings by Species and Areas (Thousands of Fish)	16
Map of Statistical Areas	2	Salmon Landings by Species and Areas (Tonnes)	17
Landings & Value of Major Species 1951-1989	4	Salmon Catch by Species in Areas of Highest Catch	18
Landings by Species and District	8	Salmon Landings by Region, Year and Species 1980-1989 (Thousands of Fish)	20
Summary of Catch Statistics	10	Salmon Landings by Week, Species and Gear (Number of Fish)	22
Salmon Weight, Number of Fish, Average Weight, Landed Value by Species and Year	11	Herring & Groundfish Landings by Species, Gear & Month	24
Salmon Landings by Gear, Year and Species	12	Shellfish & Other Fish Landings/Effort by Species, Gear & Month	26
Salmon Landings by Species and Gear Type (Percent)	13	Effort by Gear, and Month in Days Fished/Deliveries	27
Salmon Landings by Species, Year and Month 1985-1989	14	Licence Status Report	28
Salmon Landings by Species, Gear and Month	15		

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 is accompanied by a Detailed Annual Report 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 has been defined as the initial payment to fishermen including any additional adjustments, bonuses, and delivery payments.

Statistical months do not coincide exactly with calendar months. Months contain either four or five weeks as follows:

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

These definitions are constant from year to year.

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 Unit under the direction of Maureen Kostner.

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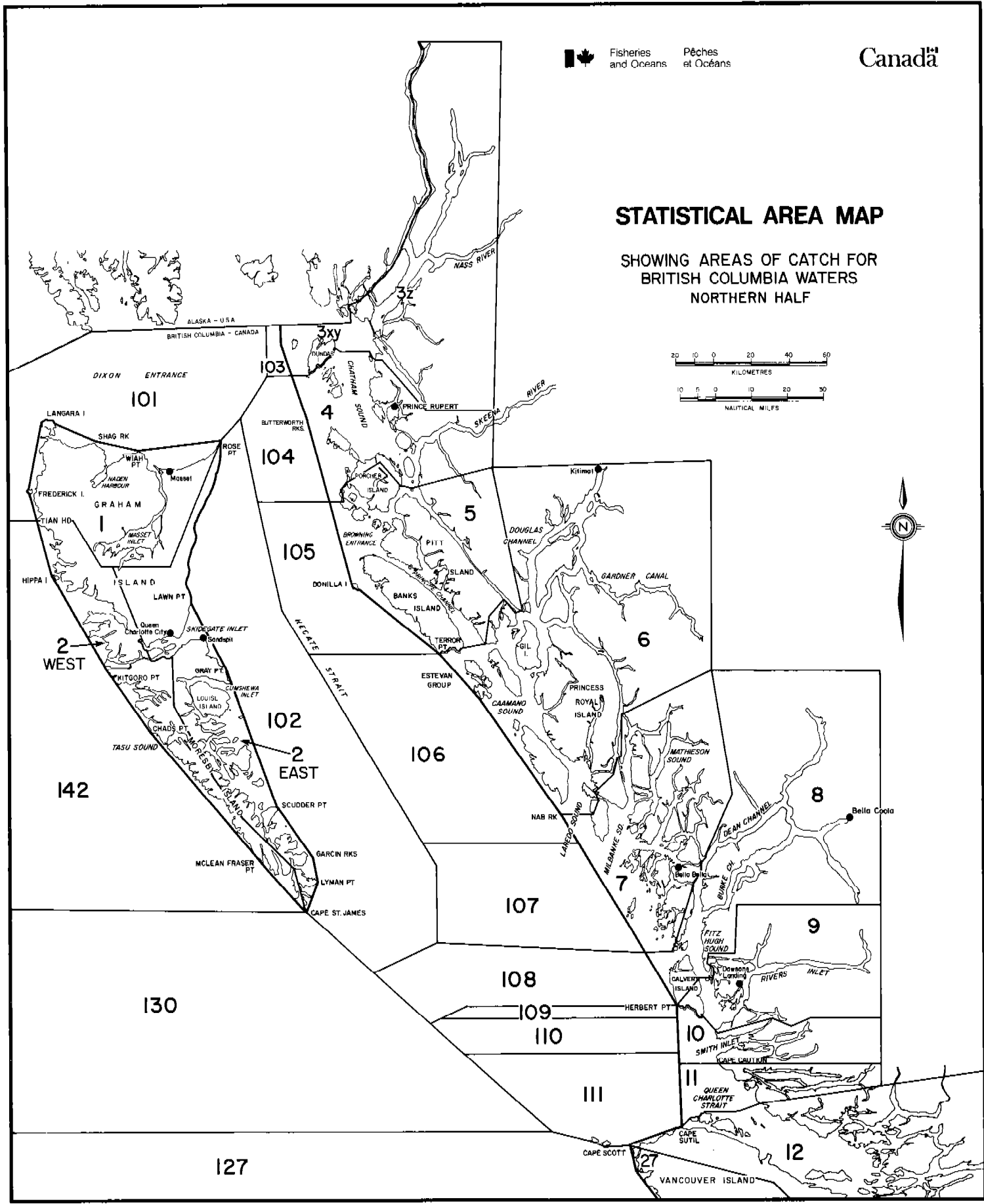
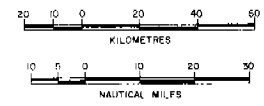
IMPORTANT NOTES

1. All catch figures in this publication are reported as follows:
 - a. Salmon - Troll and Handline are reported dressed weight head-on unless otherwise specified.
 - Seine and Gill net are reported round weight.
 - b. Halibut is reported dressed weight head-off.
 - c. All other fish are reported as round weight.
 - d. Round weight is the weight of the whole fish as it comes from the water before any treatment or dressing.
2. Taku and Stikine catches are now excluded from the North Coast Summary and are 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, gillnetters or seiners using modern fish storage methods.
6. The conversion factor for tonne is: 1 TONNE = 2,204.6 POUNDS
7. Farm Gate Price is the price received for fish before processing.

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

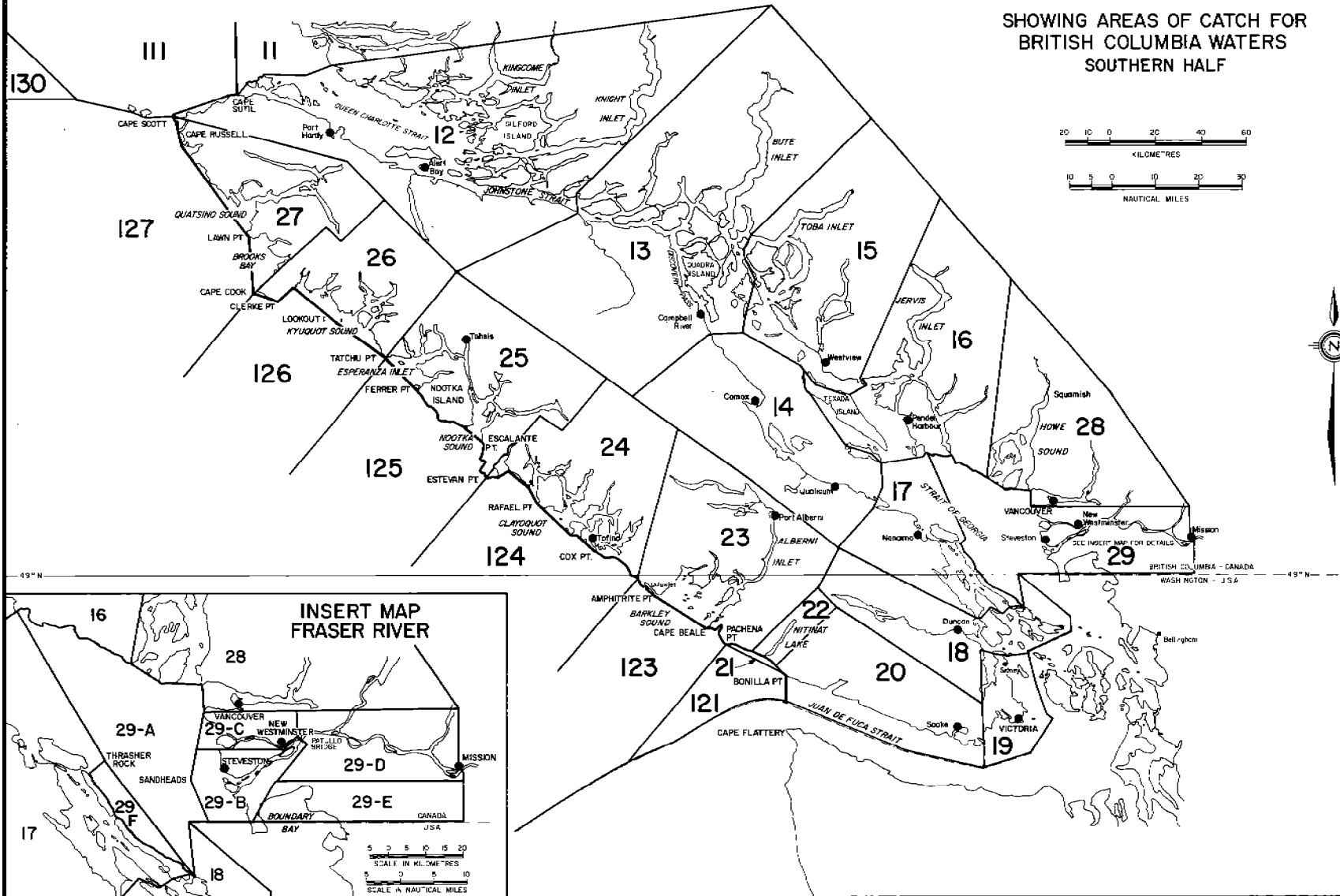
STATISTICAL AREA MAP

SHOWING AREAS OF CATCH FOR BRITISH COLUMBIA WATERS NORTHERN HALF

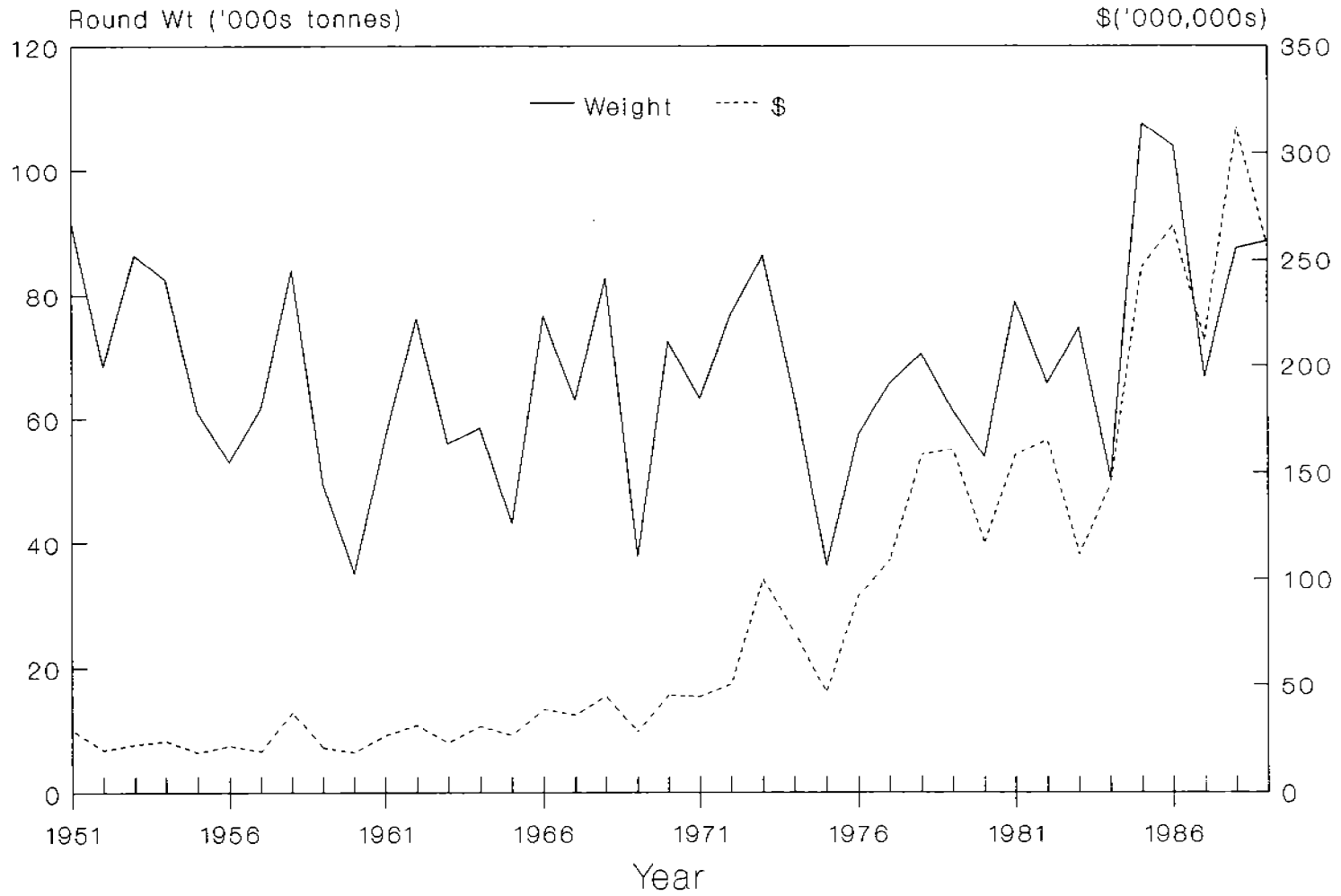


STATISTICAL AREA MAP

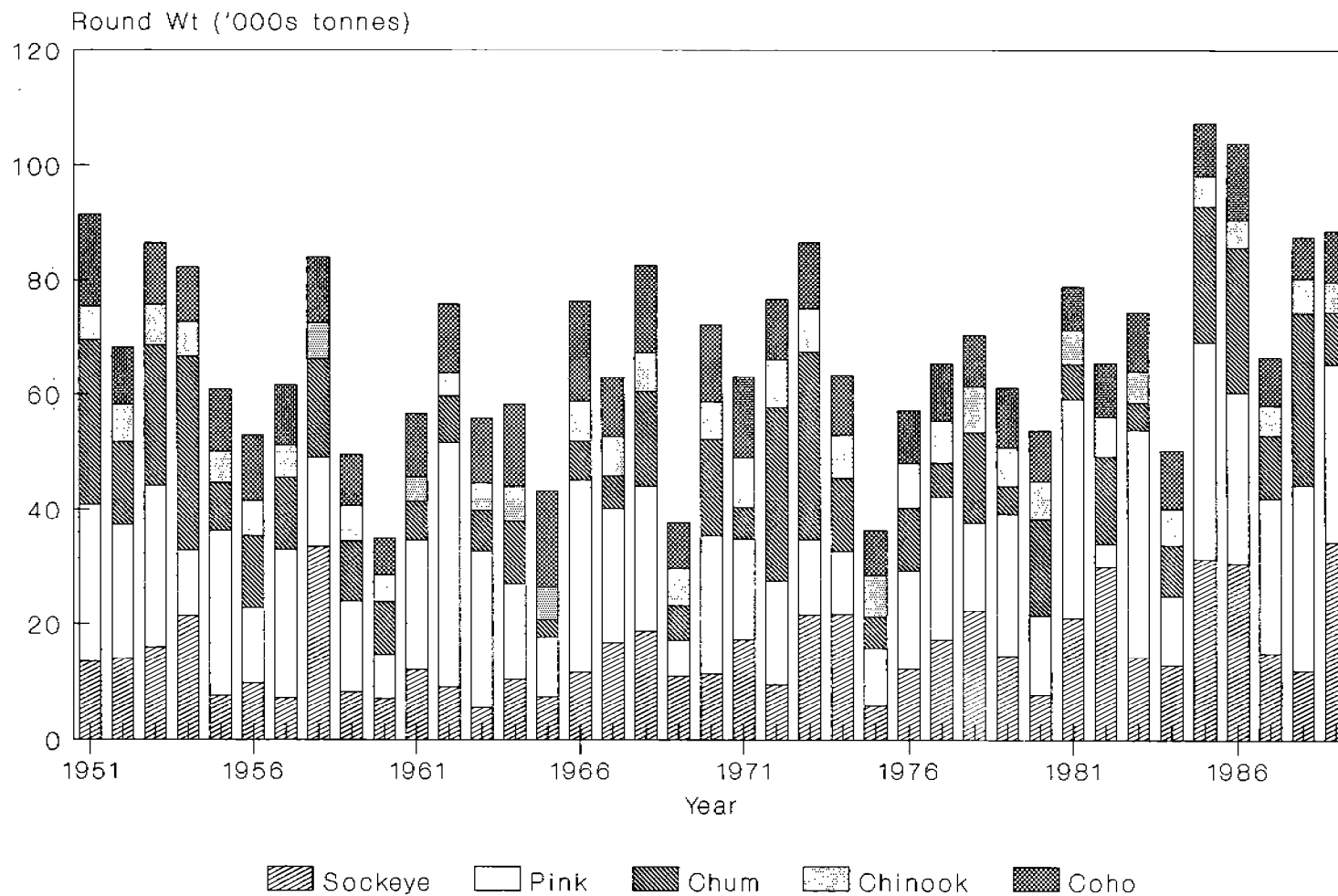
SHOWING AREAS OF CATCH FOR BRITISH COLUMBIA WATERS SOUTHERN HALF



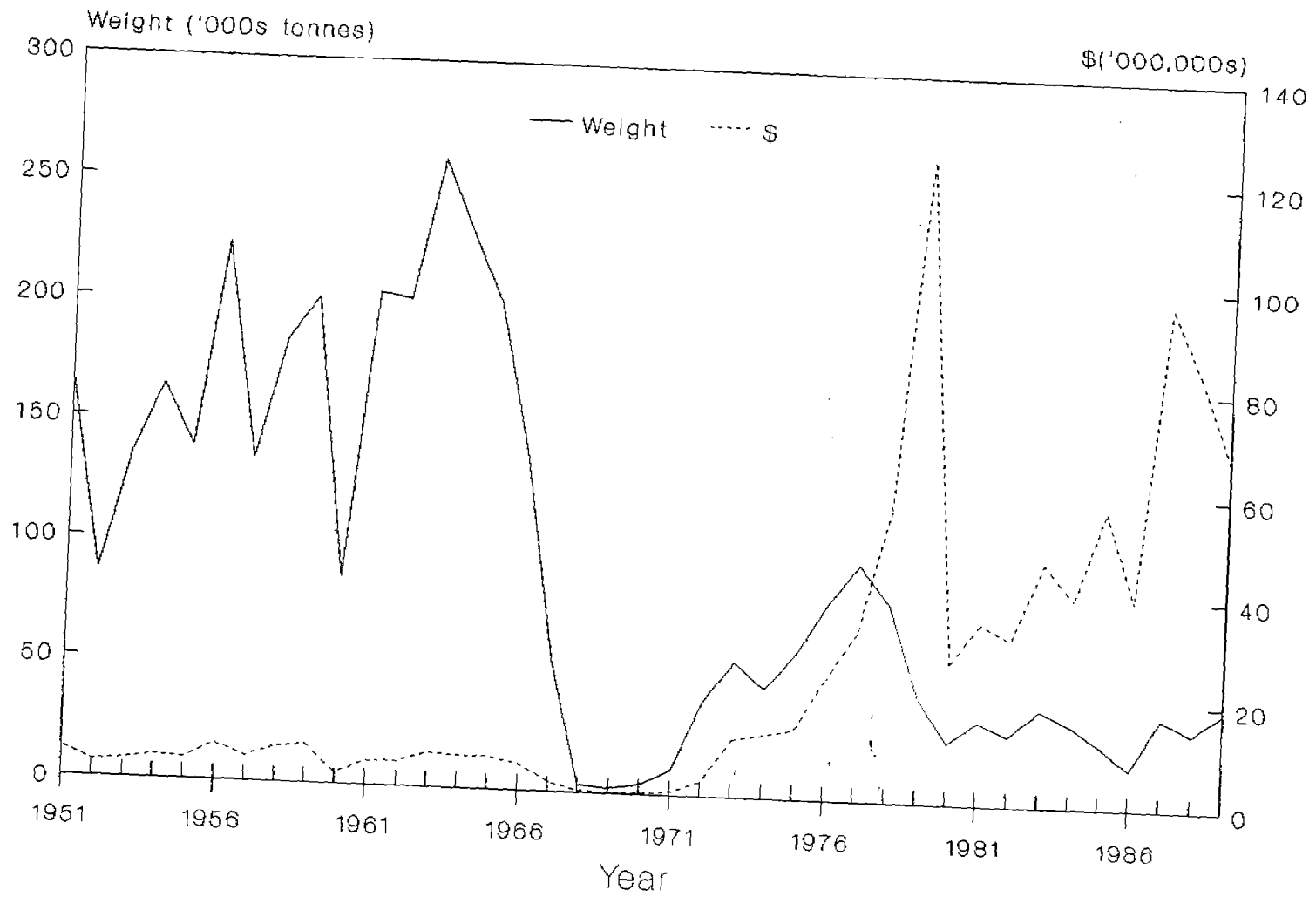
COMMERICAL SALMON LANDINGS IN BRITISH COLUMBIA 1951-1989



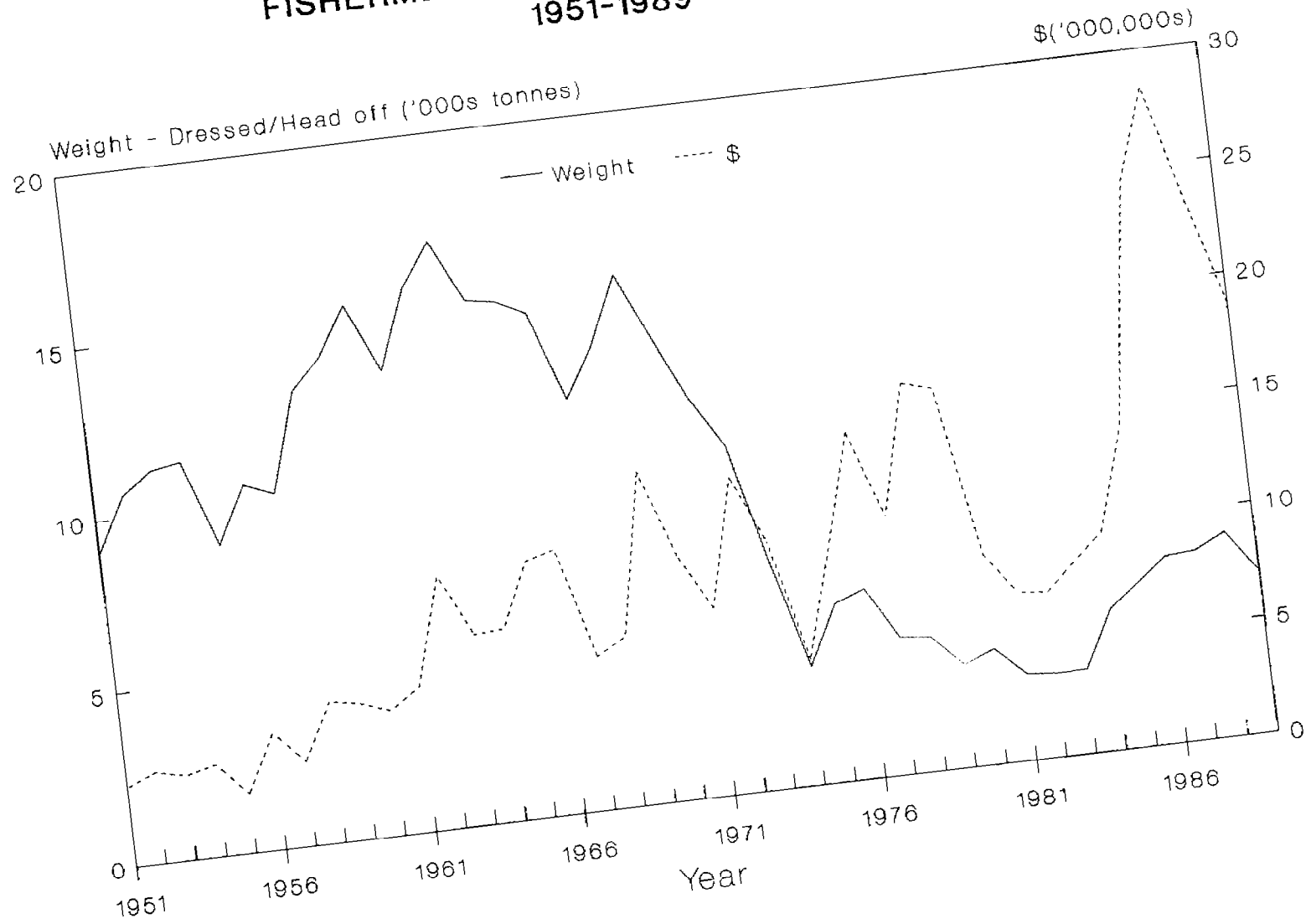
BRITISH COLUMBIA COMMERCIAL SALMON LANDINGS BY SPECIES 1951-1989



COMMERCIAL HERRING LANDINGS IN BRITISH COLUMBIA 1951-1989



HALIBUT LANDINGS BY B.C. COMMERCIAL FISHERMEN AT CANADIAN & U.S. PORTS 1951-1989



1989
B.C. COMMERCIAL LANDINGS BY SPECIES AND DISTRICT
(IN TONNES⁽¹⁾ AND THOUSANDS OF DOLLARS)

SPECIES	TAKU/ STIKINE	NORTH COAST AREAS 1-10, 30	SOUTH COAST AREAS 11-27	FRASER AREAS 28, 29	TOTAL	LANDED VALUE \$000's
Chinook	18	2 320	2 125	178	4 641	20 157
Sockeye	118	4 390	23 167	6 000	33 675	169 272
Coho	33	2 181	5 460	30	7 704	19 335
Pink	2	13 274	15 784	533	29 593	33 481
Chum	3	3 938	5 161	141	9 243	13 778
Steelhead	1	24	6	1	32	58
Subtotal	175	26 127	51 703	6 883	84 887	256 081
Salmon Roe	--	3	3	*	6	19
TOTAL SALMON	175	26 130	51 706	6 883	84 893	256 100
Herring	--	19 511	21 284	--	40 795	67 609
Herring Spawn on Kelp	--	185	28	--	213	8 711
TOTAL HERRING	--	19 696	21 312	--	41 008	76 320
Halibut ⁽²⁾	--	3 705	953	--	4 659	18 696
Dogfish	--	95	2 629	51	2 774	1 022
Flounder	--	39	85	--	123	73
Hake ⁽³⁾	--	--	7 003	1 601	8 604	1 108
Lingcod	--	1 436	2 544	*	3 981	2 869
Pacific Cod	--	5 087	4 055	*	9 143	4 519
Pacific Ocean Perch	--	4 393	1 675	--	6 068	2 889
Walleye Pollock	--	32	275	127	434	63
Rockfish ⁽⁴⁾	--	9 395	8 992	1	18 388	12 104
Sablefish	--	2 688	2 806	--	5 495	15 058
Skate	--	290	62	1	352	45
Sole	--	3 786	2 565	1	6 352	4 798
Turbot	--	394	215	--	609	116
Other Groundfish ⁽⁵⁾	--	81	36	--	117	235
Groundfish Subtotal	--	27 716	32 942	1 782	62 440	44 899

1989

SPECIES	TAKU/ STIKINE	NORTH COAST AREAS 1-10, 30	SOUTH COAST AREAS 11-27	FRASER AREAS 28, 29	TOTAL	LANDED VALUE \$000's
Abalone	—	33	15	—	48	1 151
Clams ⁽⁶⁾	—	117	3 449	*	3 565	6 955
Crab	—	590	524	408	1 522	6 089
Geoducks	—	1 571	2 394	—	3 964	12 572
Goose Barnacles ⁽⁷⁾	—	2	27	—	30	342
Horse Clams	—	*	116	—	116	145
Octopus	—	35	181	1	217	703
Oysters ⁽⁸⁾	—	—	3 672	—	3 672	2 888
Prawns	—	220	569	31	820	7 083
Shrimp	—	64	2 102	133	2 299	2 817
Scallops	—	—	72	3	75	315
Sea Cucumbers	—	586	557	—	1 144	901
Sea Urchins	—	986	2 272	11	3 269	2 651
Other Shellfish ⁽⁹⁾	—	9	407	16	432	331
Shellfish Subtotal	—	4 213	16 357	603	21 173	44 943
Eulachon	—	—	—	19	19	18
Non-Food Fish	—	271	183	20	474	193
Smelts	—	—	—	*	*	1
Sturgeon	—	*	1	8	8	16
Tuna ⁽¹⁰⁾	—	64	81	—	145	380
Other Fish ⁽¹¹⁾	—	2	821	13	836	1 587
Other Subtotal	—	337	1 086	60	1 482	2 195
GRAND TOTAL⁽¹²⁾	175	81 797	124 356	9 328	212 655	443 153

- (1) Salmon is reported in standard form, halibut is reported dressed head-off and all other fish are reported in round weight.
- (2) Includes 766 tonnes of halibut valued at \$3,589,706 landed by B.C. fishermen at U.S. ports.
- (3) Excludes 66,102 tonnes of hake valued at \$10,225,343 delivered to foreign vessels in joint venture fishing arrangements and 31,576 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) Excludes 14.9 Tonnes of Goose Barnacles valued at \$164,325.
- (8) Landed value for 1989 oysters reflects a "Farm Gate" selling price.
- (9) Includes squid, snails, plankton, and crayfish.
- (10) Excludes 35 tonnes of tuna valued at \$70,900 caught in U.S. and international waters by Canadian fishermen and landed in Canada.
- (11) Includes anchovies, freshwater fish, hagfish and unspecified species.
- (12) Includes direct deliveries by Canadian fishermen to U.S. ports.

8-89

1980-1989
SUMMARY OF B.C. COMMERCIAL CATCH STATISTICS

B.C. LANDINGS AND VALUE: 1980-1989

<u>YEAR</u>	<u>TONNES</u>	<u>\$ MILLION</u>
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
1989	212 655	443.1

GROUND FISH LANDED WEIGHT⁽¹⁾

<u>Year</u>	<u>Sole</u>	<u>Pacific Cod</u>	<u>Ling-cod</u>	<u>Sable-fish</u>	<u>Rock-fish</u>	<u>Total⁽²⁾</u>
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
1989	6 352	9 143	3 981	5 495	24 456	62 440

⁽¹⁾ Tonnes (round weight).⁽²⁾ All totals include groundfish species not specifically shown. All totals published before 1985 included groundfish and miscellaneous species not specifically shown.HALIBUT LANDED WEIGHT⁽¹⁾ AND VALUE

<u>Year</u>	<u>Landings in British Columbia</u>		<u>Canadian Landings at U.S. Ports</u>		<u>Total Landings</u>	
	<u>Weight</u>	<u>\$000's</u>	<u>Weight</u>	<u>\$000's</u>	<u>Weight</u>	<u>\$000's</u>
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
1989	3 893	15 106	766	3 590	4 659	18 696

⁽¹⁾ Tonnes dressed head-off weight.SHELLFISH LANDED WEIGHT⁽¹⁾

<u>Year</u>	<u>Crabs</u>	<u>Shrimp</u>	<u>Prawns</u>	<u>Clams⁽²⁾</u>	<u>Geoducks</u>	<u>Abalone</u>	<u>Oysters (In Shell)</u>
1980	1 701	288	368	1 760	2 808	97	1 922
1981	1 317	614	325	864	2 704	85	1 415
1982	1 002	415	274	1 480	3 135	54	1 579
1983	960	411	331	1 783	2 636	56	2 453
1984	1 155	409	505	2 621	3 483	58	2 897
1985	1 165	678	514	2 932	5 370	42	3 420
1986	1 321	768	550	2 945	5 006	52	2 864
1987	1 631	2 644	620	4 634	5 734	49	3 751
1988	1 532	2 561	720	4 842	4 567	49	3 702
1989	1 522	2 299	820	3 681	3 964	48	3 672

⁽¹⁾ Tonnes (round weight).⁽²⁾ Includes horse clams.HERRING

Herring landings increased from 31,383 tonnes in 1988 to 40,795 tonnes in 1989, an increase of 30%. The value decreased from \$83.5 million in 1988 to \$67.6 million in 1989, a decrease of 23.5%.

B.C. COMMERCIAL SALMON CATCH
1980-1989
WEIGHT,⁽¹⁾ NUMBER OF FISH, AVERAGE WEIGHT, LANDED VALUE
BY SPECIES AND YEAR

<u>CHINOOK</u>					<u>PINK</u>				
Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)	Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
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	37 318	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
1989	5 234	650	8.0	20 157	1989	31 004	17 051	1.8	33 481

<u>SOCKEYE</u>					<u>CHUM</u>				
Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)	Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
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	15 091	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
1989	34 383	13 783	2.5	169 272	1989	9 322	1 810	5.2	13 776

<u>COHO</u>					<u>TOTAL SALMON⁽²⁾</u>				
Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)	Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
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	86 695	25 156	2.7	212 060
1988	7 077	2 745	2.6	37 688	1988	87 548	37 257	2.3	312 064
1989	8 752	3 434	2.5	19 335	1989	88 727	36 736	2.4	256 081

1. Tonnes (round weight).

2. Includes Steelhead.

3. 1980-1983 values do not include bonus or direct delivery payments.

4. 1984-1989 values include bonus payments; 1985 values also include direct delivery payments.

B.C. COMMERCIAL LANDINGS
1980-1989
(WEIGHT⁽¹⁾, VALUE, PAYMENTS, DELIVERIES)
BY GEAR, YEAR AND SPECIES

YEAR	CHINOOK	SCKEYE	COHO	PINK	CHUM	TOTAL ⁽²⁾	VALUE ⁽²⁾ \$ 000's	TOTAL PAYMENTS	DELIVERIES ⁽²⁾ 000's	CATCH PER ⁽²⁾ DELIVERY Kg.	VALUE PER ⁽²⁾ DELIVERY \$
								TO FISHERMEN ⁽²⁾ \$000's			
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
1989	789	12 475	687	2 687	3 955	20 616	71 143	72 480	58	355	1 227

YEAR	CHINOOK	SCKEYE	COHO	PINK	CHUM	TOTAL ⁽²⁾	VALUE ⁽²⁾ \$ 000's	TOTAL PAYMENTS	DELIVERIES ⁽²⁾ 000's	CATCH PER ⁽²⁾ DELIVERY Kg.	VALUE PER ⁽²⁾ DELIVERY \$
								TO FISHERMEN ⁽²⁾ \$000's			
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
1989	557	17 266	1 194	19 068	4 846	42 936	111 841	119 310	10	4 294	11 184

YEAR	CHINOOK	SCKEYE	COHO	PINK	CHUM	TOTAL ⁽²⁾	VALUE ⁽²⁾ \$ 000's	TOTAL PAYMENTS	DELIVERIES ⁽²⁾ 000's	CATCH PER ⁽²⁾ DELIVERY Kg.	VALUE PER ⁽²⁾ DELIVERY \$
								TO FISHERMEN ⁽²⁾ \$000's			
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
1989	3 889	4 642	6 871	9 250	521	25 175	73 097	73 100	75	336	975

(1) Tonnes (round weight)

(2) Includes Steelhead

(3) 1980-1983 Value does not include bonus or direct delivery payments.

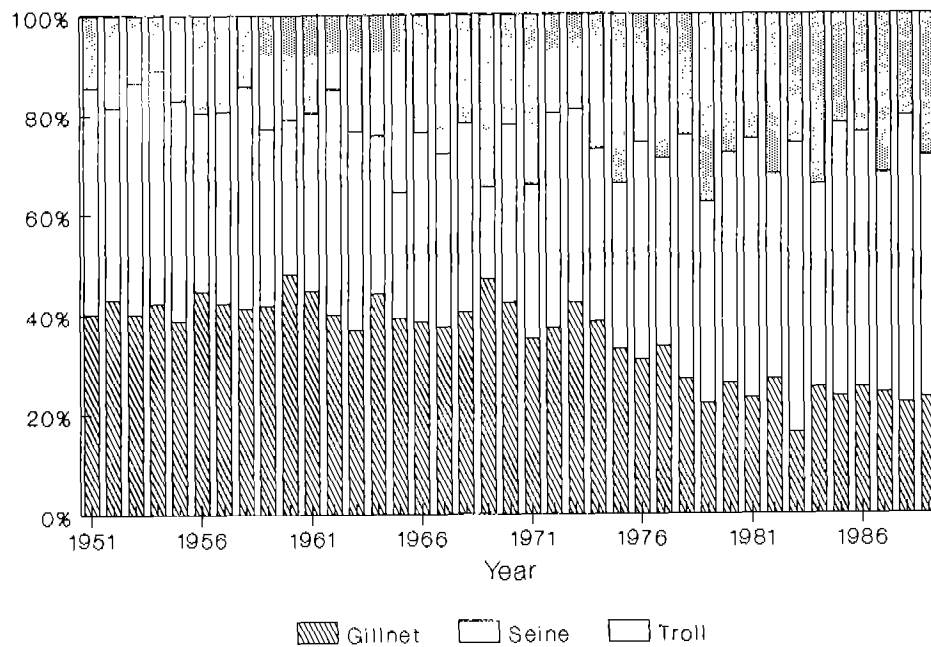
(4) 1984-1989 VALUE include bonus payments; 1985 VALUE also includes direct delivery payments.

1989
B.C. COMMERCIAL SALMON LANDINGS BY SPECIES AND GEAR TYPE

<u>SPECIES</u>	<u>GILL NET</u>		<u>SEINE</u>		<u>TROLL</u>		<u>TOTAL</u>
	<u>WEIGHT</u> ⁽¹⁾	<u>%</u>	<u>WEIGHT</u> ⁽¹⁾	<u>%</u>	<u>WEIGHT</u> ⁽¹⁾	<u>%</u>	<u>WEIGHT</u> ⁽¹⁾
CHINOOK	789	15.1	557	10.6	3 889	74.3	5 234
SOCKEYE	12 475	36.3	17 266	50.2	4 642	13.5	34 383
COHO	687	7.8	1 194	13.6	6 871	78.5	8 752
PINK	2 687	8.7	19 068	61.5	9 250	29.8	31 004
CHUM	3 955	42.4	4 846	52.0	521	5.6	9 322
STEELHEAD	24	75.0	6	18.8	2	6.3	32
TOTAL	20 616	23.2	42 936	48.4	25 175	28.4	88 727

⁽¹⁾ Tonnes (Round weight)

PERCENTAGE OF SALMON CATCH BY GEAR
 1951-1989



1985 - 1989
 B.C. COMMERCIAL SALMON LANDINGS BY SPECIES, YEAR AND MONTH
 (IN TONNES¹)

<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>													
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
1989	-	-	-	*	3	72	2 651	2 246	250	11	*	-	5 234
<u>SOCKEYE</u>													
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
1989	-	-	-	-	-	111	8 632	25 168	469	1	*	-	34 383
<u>COHO</u>													
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
1989	-	-	-	-	*	23	5 434	2 469	677	148	1	*	8 752
<u>PINK</u>													
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
1989	-	-	-	-	-	1	8 231	16 826	5 936	8	-	-	31 004
<u>CHUM</u>													
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
1989	-	-	-	-	-	50	1 920	1 684	2 868	2 776	24	*	9 322
<u>STEELHEAD</u>													
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
1989	-	-	-	*	-	2	10	18	1	1	*	-	32

1. Round weight
2. *Less than 500 Kg.

1989
B.C. COMMERCIAL SALMON LANDINGS BY SPECIES, GEAR, AND MONTH

(IN TONNES¹)

	JAN. JAN 01 FEB 04	FEB. FEB 05 MAR 04	MARCH MAR 05 APR 01	APRIL APR 02 MAY 06	MAY MAY 07 JUN 03	JUNE JUN 04 JUL 01	JULY JUL 02 AUG 05	AUGUST AUG 06 SEP 02	SEPT. SEP 03 SEP 30	OCT. OCT 01 NOV 04	NOV. NOV 05 DEC 02	DEC. DEC 03 DEC 31	TOTAL
CHINOOK RED GN				0.3	0.7	56.8	176.7	345.0	139.8	5.6			726.9
SEINE							133.0	327.0	23.8	3.2			487.0
SMALL GN						2.5	11.7	6.8	1.0	0.2			22.2
SEINE							13.9	23.4	2.2	0.9			40.3
WHITE GN				*	*	5.5	17.8	11.3	3.9	1.0	*		39.5
SEINE							13.0	14.5	1.4	0.2			29.1
MIXED TROLL					2.3	6.2	1,934.8	1,286.0	66.4	0.3			3,296.1
SOCKEYE GN						110.9	4,329.7	7,802.1	231.1	1.2	*		12,475.1
SEINE							2,810.9	14,296.5	158.5	*			17,265.9
TROLL						0.3	1,264.3	2,601.6	67.7	0.2			3,934.0
COHO GN						9.3	231.6	287.3	117.8	40.1	0.6	*	686.8
SEINE							272.1	416.6	399.0	106.6			1,194.3
TROLL					0.1	11.8	4,178.1	1,496.1	135.5	1.2			5,822.8
PINK GN						0.3	746.0	1,413.7	521.9	4.7			2,686.5
SEINE							3,974.3	11,050.6	4,039.5	3.2			19,067.6
TROLL						0.9	2,975.5	3,696.6	1,165.3	0.4			7,838.8
CHUM GN						49.7	1,011.7	686.8	884.4	1,312.4	9.5	0.1	3,954.6
SEINE							646.6	817.8	1,916.5	1,450.9	14.4		4,846.2
TROLL						0.1	221.5	152.3	57.2	10.6			441.7
STEELHEAD GN				*		1.8	7.8	13.3	0.9	0.5	*		24.4
SEINE							1.1	4.4	0.4	0.1			5.9
TROLL							0.8	0.6	*				1.4
TOTAL NET TROLL				0.3	0.8 2.4	236.7 19.3	14,400.1 10,575.1	37,517.3 9,233.2	8,442.0 1,492.1	2,930.8 12.8	24.6	0.1	63,552.5 21,334.8
TOTAL NET & TROLL				0.3	3.1	256.0	24,975.2	46,750.4	9,934.1	2,943.5	24.6	0.1	84,887.3
SALMON ROE GN								*	0.1	*			0.1
SEINE								*		0.1			0.1
TROLL						1.1	2.9	2.0	0.2				6.1

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

1989
B.C. COMMERCIAL SALMON LANDINGS BY SPECIES AND AREA

(IN THOUSANDS OF FISH)

AREA	CHINOOK	SOCKEYE	COHO	PINK	CHUM	STEELHEAD	TOTAL
TAKU	1	19	3	1	*	*	24
STIKINE	1	18	6	1	1	*	27
TOTAL	3	36	9	2	1	*	51
NORTH COAST							
1	113	200	350	1 528	38	*	2 230
2E	7	10	43	51	137	*	248
2W	90	252	80	611	32	*	1 066
3	25	448	151	4 106	181	1	4 911
4	15	624	64	996	65	3	1 767
5	5	23	45	335	21	*	430
6	4	4	15	54	15	*	93
7	4	8	18	38	99	*	167
8	5	35	14	161	237	*	453
9	1	65	3	5	10	*	85
10	2	78	12	10	9	*	111
30	1	4	3	10	*	-	19
TOTAL	274	1 752	800	7 905	844	6	11 580
SOUTH COAST							
11	9	438	80	300	11	*	839
12	28	3 472	105	3 791	280	1	7 676
13	21	966	36	1 107	207	*	2 337
14	11	2	50	4	100	*	166
15	1	*	4	*	*	-	5
16	2	170	3	34	3	*	213
17	1	1	2	3	1	-	8
18	1	24	1	21	*	*	46
19	-	*	*	*	-	-	-
20	32	3 392	342	1 860	21	*	5 648
21	6	16	67	46	295	*	431
22	-	-	-	-	-	-	-
23	122	300	563	411	1	*	1 397
24	45	158	783	325	1	*	1 312
25	15	82	226	201	1	*	525
26	13	108	140	137	2	*	400
27	44	431	213	625	18	*	1 330
TOTAL	350	9 562	2 614	8 865	941	2	22 333
FRASER AREA							
28	-	-	-	-	-	-	-
29AB	17	1 922	10	264	24	*	2 237
29C	*	82	*	8	*	*	90
29D	7	429	*	8	*	*	445
29E	-	-	-	-	-	-	-
TOTAL	24	2 433	11	280	25	*	2 772
TOTAL B.C.	650	13 783	3 434	17 051	1 810	8	36 736

* Less than 500 pieces

1989
B.C. COMMERCIAL SALMON LANDINGS BY SPECIES AND AREA
(IN TONNES¹)

AREA	CHINOOK	SOCKEYE	COHO	PINK	CHUM	STEELHEAD	TOTAL
TAKU	8	60	13	1	*	*	82
STIKINE	10	58	21	1	3	*	93
TOTAL	18	118	33	2	3	1	175

NORTH COAST

1	1 164	521	1 107	2 708	163	1	5 663
2E	72	27	152	90	564	*	905
2W	957	669	256	1 063	132	*	3 078
3	160	1 136	409	7 209	936	5	9 854
4	125	1 626	196	1 719	365	14	4 046
5	41	58	144	593	116	1	953
6	36	12	48	101	91	*	288
7	38	20	62	66	443	*	629
8	46	79	50	288	1 082	2	1 547
9	6	177	10	10	49	*	252
10	7	210	38	19	43	*	318
30	8	10	10	19	1	-	49
TOTAL	2 659	4 546	2 482	13 884	3 987	24	27 582

SOUTH COAST

11	69	1 113	255	573	54	1	2 065
12	182	8 421	308	6 918	1 574	2	17 407
13	111	2 364	96	2 091	1 079	*	5 742
14	45	4	104	7	505	*	665
15	3	*	7	1	*	-	11
16	8	421	7	66	18	*	521
17	6	3	3	6	3	-	22
18	3	60	1	40	*	*	104
19	-	*	*	*	-	-	*
20	142	8 570	809	3 485	116	1	13 123
21	42	40	183	91	1 742	*	2 099
22	-	-	-	-	-	-	-
23	869	739	1 226	810	6	*	3 649
24	311	396	1 667	634	5	*	3 014
25	115	206	584	381	5	*	1 291
26	105	274	380	263	8	*	1 030
27	367	1 091	574	1 196	75	*	3 304
TOTAL	2 378	23 705	6 206	16 562	5 191	7	54 049

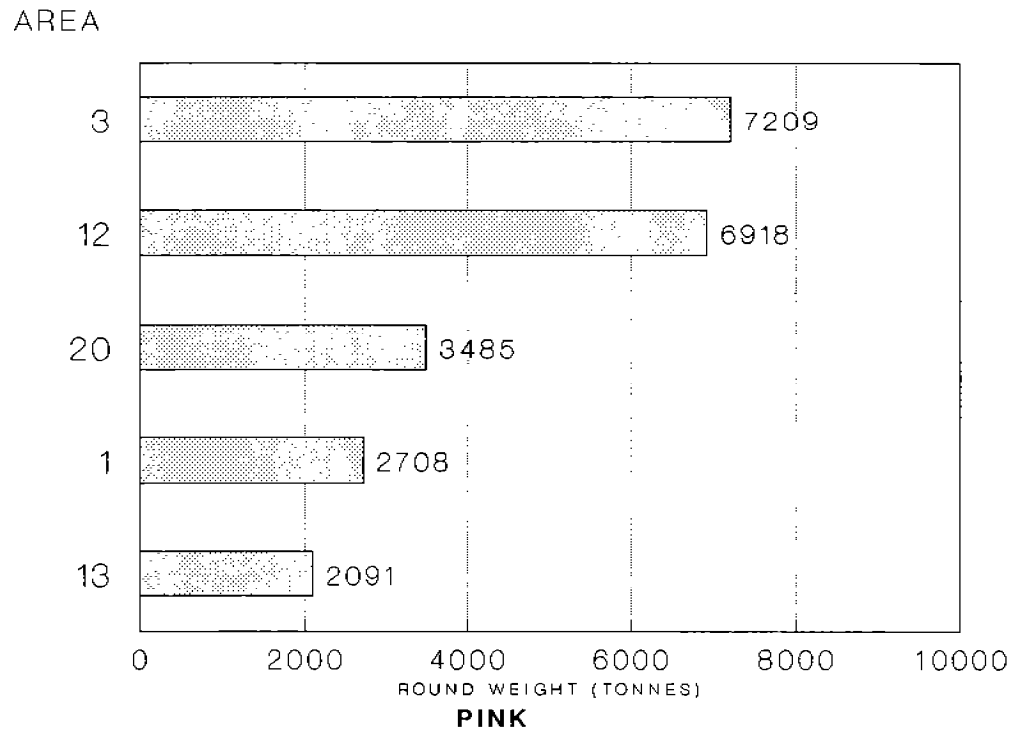
FRASER AREA

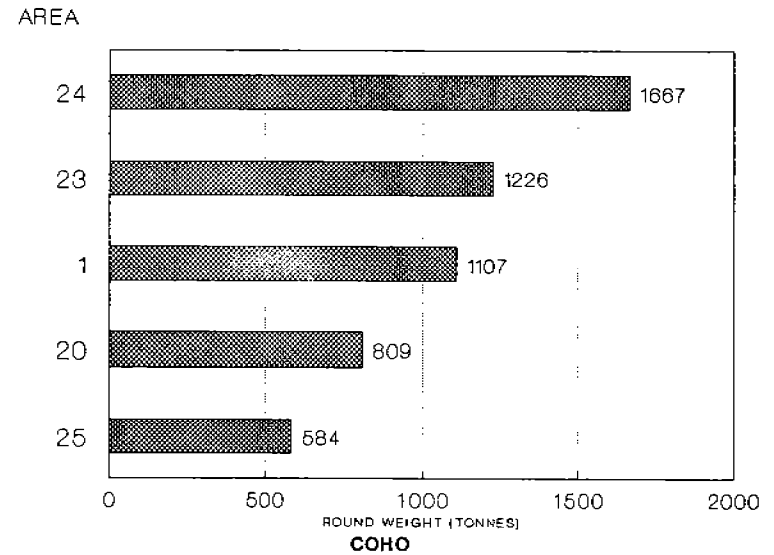
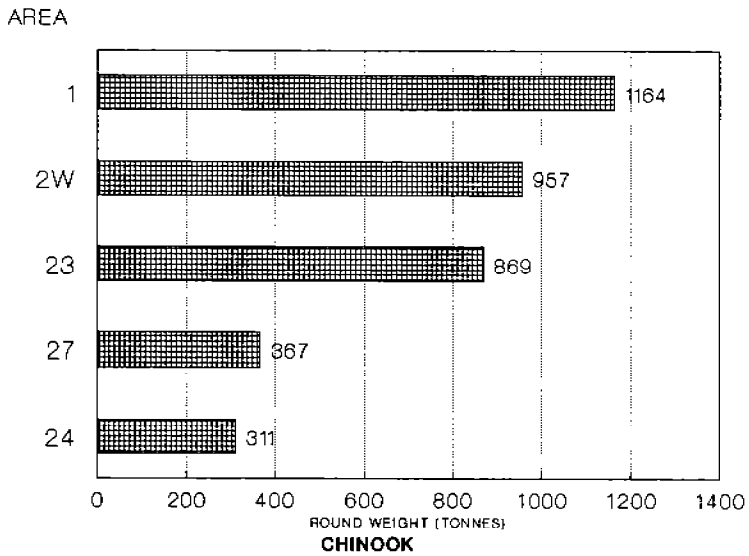
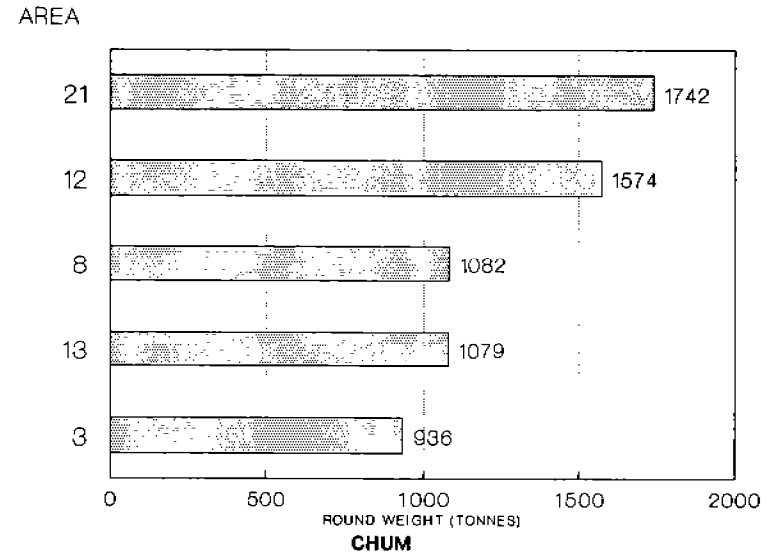
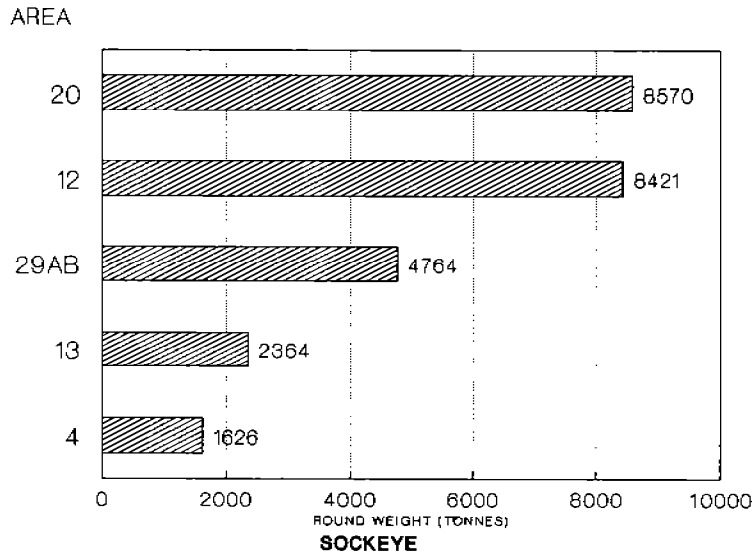
28	-	-	-	-	-	-	-
29AB	118	4 764	29	522	140	1	5 574
29C	3	202	1	15	*	*	220
29D	58	1 049	1	18	1	*	1 127
29E	-	-	-	-	-	-	-
TOTAL	179	6 015	31	555	141	1	6 921
TOTAL B.C.	5 234	34 383	8 752	31 004	9 322	32	88 727

* Less than 500 Kg.

¹ Round weight

FIVE HIGHEST PRODUCING AREAS OF BRITISH COLUMBIA FOR THE MAJOR SPECIES OF SALMON - 1989





1980-1989
B.C. COMMERCIAL SALMON LANDINGS BY REGION, YEAR AND SPECIES

(THOUSANDS OF FISH)

QUEEN CHARLOTTE ISLAND - (AREAS 1-2W)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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
1989	211	463	474	2 189	206

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

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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
1989	45	1 094	261	5 436	267

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

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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
1989	13	47	47	254	352

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>
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
1989	3	143	15	15	19

1980-1989
B.C. COMMERCIAL SALMON LANDINGS BY REGION, YEAR AND SPECIES

(THOUSANDS OF FISH)

JOHNSTONE STRAIT - (AREAS 12, 13)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1980	123	990	231	1 113	705
1981	110	2 971	242	4 647	100
1982	97	1 651	255	183	1 167
1983	104	2 206	313	7 517	135
1984	74	1 163	167	215	65
1985	66	2 766	186	5 364	570
1986	37	2 005	185	501	1 233
1987	34	1 388	105	1 668	99
1988	19	132	144	847	1 117
1989	49	4 438	141	4 897	487

STRAIT OF GEORGIA - (AREAS 14-18)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1980	203	91	111	4	81
1981	188	291	60	156	56
1982	134	222	89	3	240
1983	74	287	61	93	125
1984	60	112	76	3	164
1985	42	287	178	135	528
1986	34	95	161	2	373
1987	25	139	185	75	368
1988	13	59	211	2	119
1989	16	198	59	63	104

JUAN DE FUCA STRAIT (AREA 20)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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
1989	32	3 392	342	1 860	21

WEST COAST OF VANCOUVER ISLAND
(AREAS 21-27)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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	380	685	1 829	565	425
1988	425	363	1 607	498	1 903
1989	245	1 095	1 992	1 745	318

FRASER RIVER - (AREAS 28-29D)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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
1989	24	2 432	11	280	25

1989

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

(IN NUMBER OF FISH AND 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	31				2		33								
MAY 07 - MAY 13	11						11								
MAY 14 - MAY 20	11						11								
MAY 21 - MAY 27	43						43		247						1
MAY 28 - JUN 03	29				2		31		278						44
TOTAL MAY	94				2		96		525						45
JUN 04 - JUN 10	188		14		1		203			639					
JUN 11 - JUN 17	735		1		77		813			95			31		
JUN 18 - JUN 24	2136		314		200		2650			6925			432		
JUN 25 - JUL 01	3397		562		241		4200	1282		30425		140	2948		6051
TOTAL JUNE	6456		891		519		7866	1282		38084		140	3411		6051
JUL 02 - JUL 08	6359		846		496		7701		46902	158897		13755	8223		458375
JUL 09 - JUL 15	8011		1802		554		10367		82447	592162	5	21236	18583	15	953845
JUL 16 - JUL 22	4804	8217	1213	5807	320	847	6337	14871	38937	299131	145667	21787	28292	94330	187391
JUL 23 - JUL 29	1380	5799	90	338	405	323	1875	6460	70579	168772	165693	101222	6114	7632	304461
JUL 30 - AUG 05	2560	4214	341	1367	245	374	3146	5955	40803	436353	794530	426360	26724	35157	161565
TOTAL JULY	23114	18230	4292	7512	2020	1544	29426	27286	279668	1655315	1105895	584360	87936	137134	2065637
AUG 06 - AUG 12	4982	14235	772	4293	313	575	6067	19103	47596	553727	1340323	690913	29739	55900	147800
AUG 13 - AUG 19	6664	14649	671	4146	257	589	7592	19384	59130	1107699	2841540	91463	35446	39456	200006
AUG 20 - AUG 26	22422	6506	687	1684	468	379	23577	8569	29662	1111334	1297445	210112	26015	39639	130179
AUG 27 - SEP 02	11689	3168	406	1182	314	311	12409	4661	28998	372295	358366	232460	10452	22881	121716
TOTAL AUGUST	45757	38558	2536	11305	1352	1854	49645	51717	165386	3145055	5837674	1224948	101652	157876	599701
SEP 03 - SEP 09	15659	1407	146	436	151	65	15956	1908	6787	85028	53417	27775	15401	48185	41578
SEP 10 - SEP 16	553	999	49	578	43	104	645	1681	2186	4271	12799	3670	12929	48650	3507
SEP 17 - SEP 23	794	2	19		65		878	2	2163	97		196	2982	629	3302
SEP 24 - SEP 30	868	316	181	204	216	20	1265	540	924	2516	99	1121	8427	41208	1578
TOTAL SEPTEMBER	17874	2724	395	1218	475	189	18744	4131	12060	91912	66315	32762	39739	138672	49965
OCT 01 - OCT 07	66	476		409	55	27	121	912	90	49	3	123	1507	32210	574
OCT 08 - OCT 14	57	1			35		92	1		225			3310	973	
OCT 15 - OCT 21	500	2	76		22		598	2		23			2848	40	
OCT 22 - OCT 28	378	74	5	83	13	2	396	159		139			2152	1960	
OCT 29 - NOV 04	110		2		3		115			10			594		
TOTAL OCTOBER	1111	553	83	492	128	29	1322	1074	90	446	3	123	10411	35183	574
TOTAL NOVEMBER					2		2			1			187		
TOTAL DECEMBER													3		
TOTAL 1989	94437	60065	8197	20527	4500	3616	107134	84208	459011	4930813	7009887	1842333	243339	468865	2721973

1. Troll Includes Troll Freezer

1989
B.C. COMMERCIAL SALMON LANDINGS AND EFFORT BY WEEK, SPECIES, AND GEAR

(IN NUMBER OF FISH AND 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							1			34		18				
MAY 07 - MAY 13										11		6				
MAY 14 - MAY 20										11		5				
MAY 21 - MAY 27										43	248	7		7		
MAY 28 - JUN 03										31	322	7		19		
TOTAL MAY										96	570	25		26		
JUN 04 - JUN 10				2						844		11				
JUN 11 - JUN 17				25				3		969		76				
JUN 18 - JUN 24				2523				111		12650		824				
JUN 25 - JUL 01	126		569	4944		36		382		43025	8078	1153		134		
TOTAL JUNE	137		569	7494		36		496		57488	8078	2064		134		
JUL 02 - JUL 08	3271		86537	15267		5131		276		193635	610728	2608		5686	112	
JUL 09 - JUL 15	55900	31	341518	69189	1	8888		602		746855	1408031	6075	1	8596	2126	
JUL 16 - JUL 22	126220	746301	462908	78011	52561	11403		410	138	1592269	722487	4984	741	3870	1818	
JUL 23 - JUL 29	131130	592236	534592	25105	34749	14356		230	65	1140061	1025292	1495	220	6321	1308	
JUL 30 - AUG 05	75157	833678	491739	8007	23471	21065		457	67	2242702	1141622	3253	561	5994	1909	
TOTAL JULY	391678	2172246	1917294	195579	110782	60843		1975	270	5915522	4908160	18415	1523	30467	7273	
AUG 06 - AUG 12	255793	2507603	438608	50171	64258	15107		944	611	4884239	1340107	5285	1293	5560	3182	
AUG 13 - AUG 19	236666	1307727	331189	76471	35926	7824		1135	326	5709368	689697	7210	1673	5935	883	
AUG 20 - AUG 26	172273	1016416	678540	16362	31688	8891		641	59	3744018	1057424	7419	1269	5311	1913	
AUG 27 - SEP 02	108522	1464347	915738	17058	39109	10550		210	83	2410393	1309506	4916	1180	5710	3022	
TOTAL AUGUST	773254	6296093	2364075	160062	170981	42372		2930	1079	16748018	4396734	24830	5415	22516	9000	
SEP 03 - SEP 09	93122	1306428	598576	9829	39159	5434		48	36	1668517	680156	2151	577	2763	1460	
SEP 10 - SEP 16	61294	794631	103884	24173	103770	2307		53	24	1064920	115554	1293	816	704	207	
SEP 17 - SEP 23	5427	1	10459	42589	14403	662		55		67063	16782	1145	35	332	49	
SEP 24 - SEP 30	101193	50769	6335	99913	188929	4907		53	29	494941	14865	2993	602	273	19	
TOTAL SEPTEMBER	261036	2151829	719254	176504	346261	13310		209	89	3295441	827357	7582	2030	4072	1735	
OCT 01 - OCT 07	1223	1470	227	43817	106143	1853		32	12	187499	2867	730	336	123		
OCT 08 - OCT 14	667	2		78477	16314			33		100094		913	30			
OCT 15 - OCT 21	69			57843	18172			19		79614		1373	7			
OCT 22 - OCT 28	17	3		60817	120621			26	4	186294		1465	396			
OCT 29 - NOV 04				17049				7		17775		583				
TOTAL OCTOBER	1976	1475	227	258003	261250	1853		117	16	571276	2867	5064	769	123		
TOTAL NOVEMBER				1850	2657			5		4702		53	4			
TOTAL DECEMBER				20						23		6				
TOTAL 1989	1428081	10621643	5001419	799512	891931	118414		5733	1454	616	26592600	10143766	58057	9741	57338	18008

1. Troll includes Troll Freezer

1989
B.C. COMMERCIAL HERRING & GROUND FISH LANDINGS BY SPECIES, GEAR AND MONTH
(In Tonnes)

	JAN. JAN 01 FEB 04	FEB. FEB 05 MAR 04	MARCH MAR 05 APR 01	APRIL APR 02 MAY 06	MAY MAY 07 JUN 03	JUNE JUN 04 JUL 01	JULY JUL 02 AUG 05	AUGUST AUG 06 SEP 02	SEPT. SEP 03 SEP 30	OCT. OCT 01 NOV 04	NOV. NOV 05 DEC 02	DEC. DEC 03 DEC 31	TOTAL
ROE ON KELP				213.0									213.0
HERRING ROE			11,733.7	5,670.0									17,403.7
G.N. SEINE			18,943.2	3,862.8									22,806.0
FOOD												45.4	45.4
G.N. SEINE													
TRAWL												25.8	272.4
BAIT	129.4	79.3	37.9										
G.N. SEINE													
TRAWL													
POND													
G.N. SEINE	1.8	0.9		91.3	22.5	12.5	19.5	19.9	8.7	3.5		0.8	181.5
TRAWL	86.2												86.2
HALIBUT LARGE				298.8	44.8	3.0		0.6	284.3				631.5
L.L. H.L. & TROLL									0.1				0.1
MEDIUM				2,403.9	383.3	9.1		10.8	1,141.0	*			3,948.1
L.L. H.L. & TROLL								*	2.9				2.9
CHIX				0.1			*						0.1
L.L. H.L. & TROLL													
NO. 2				25.3	7.9			0.1	42.6				75.9
L.L. H.L. & TROLL													
MIXED													
L.L. H.L. & TROLL													
SOLE BRILL	11.3	207.1	143.9	52.9	41.9	78.8	78.1	48.1	122.3	86.0	56.6	23.9	951.0
TRAWL				0.7	1.1	1.2	0.1	0.1	2.2	0.3	*		5.7
BUTTER													
TRAWL													
DOVER	16.6	207.9	374.2	373.3	217.1	175.6	225.7	78.0	148.5	106.5	134.0	40.2	2,097.8
TRAWL													
LEMON	27.5	108.9	75.0	128.2	167.8	125.0	68.8	39.6	61.1	156.0	66.3	22.0	1,046.2
TRAWL													
REX	7.9	12.4	4.8	6.3	11.3	9.8	34.5	15.3	21.0	12.3	2.6	0.5	138.7
TRAWL													
ROCK	47.4	43.8	88.4	288.2	380.9	312.4	135.0	89.1	207.8	299.3	137.7	34.4	2,064.5
TRAWL													
MIXED	9.2	8.8	3.0	4.4	5.4	3.7	0.3		0.4	3.5	3.5	2.4	44.7
TRAWL													
TOTAL	119.9	589.0	689.4	854.1	825.5	706.6	542.5	270.3	563.4	663.8	400.6	123.4	6,348.5
TRAWL													
OTHER	0.1		*	0.7	0.1	0.3	0.3	0.2	1.2	0.1	*	0.4	3.5
LINGCOD H.L. & TROLL	1.9	5.3	11.2	26.5	57.3	34.6	87.0	49.4	63.9	40.2	11.1	10.0	398.4
L.L.	1.3	20.1	30.6	154.5	55.1	32.9	6.3	8.7	109.6	61.9	22.2	19.7	522.9
TRAWL	12.8	21.1	25.9	106.5	361.0	591.8	625.6	410.9	489.8	274.8	99.0	28.9	3,048.1
OTHER	*			8.2	0.1	0.1	1.9	0.5	0.2	0.3			11.2
PACIFIC H.L. & TROLL	1.1				0.1	*	0.1	0.2	0.1	*	*	*	1.6
TRAWL	748.4	2,543.0	1,596.9	1,018.3	966.7	683.2	384.2	214.7	402.9	292.7	182.2	95.4	9,128.7
COD													
M.W. TRAWL	0.6		0.1	0.1	0.4		2.1						3.2
OTHER	1.0	0.3	0.1	2.0	1.7	1.0	*	*	0.9	0.1	0.2	2.0	9.3
SABLEFISH L.L. TRAWL	15.8	18.8	58.9	26.9	97.8	239.7	3.1	110.4	298.1	152.7			928.6
TRAP				45.7	126.4	124.3	133.3	27.6	35.0	24.7	13.6	1.5	625.4
OTHER	29.2	498.5	198.1	463.7	1,138.5	788.9	477.1	138.8	101.3	70.5	35.9	*	3,940.6

1. Halibut - Dressed Weight. Head Off
All Others - Round Weight
2. Troll Includes Troll Freezer
3. *Less than 50 Kg.

1989
B.C. COMMERCIAL HERRING & GROUND FISH LANDINGS BY SPECIES, GEAR, AND MONTH

(IN TONNES)

	JAN. JAN 01 FEB 04	FEB. FEB 05 MAR 04	MARCH MAR 05 APR 01	APRIL APR 02 MAY 06	MAY MAY 07 JUN 03	JUNE JUN 04 JUL 01	JULY JUL 02 AUG 05	AUGUST AUG 06 SEP 02	SEPT. SEP 03 SEP 30	OCT. OCT 01 NOV 04	NOV. NOV 05 DEC 02	DEC. DEC 03 DEC 31	TOTAL
P.O. PERCH	317.3	548.2	399.5	872.3	839.9	598.0	552.2	106.9	289.7	807.8	516.4	141.1	5,989.2
TRAWL													78.2
M.W. TRAWL			*	8.6	38.1	21.5	10.1		0.1	0.1		*	0.5
OTHER						0.2							
REEDI ROCKFISH	100.4	166.2	55.6	240.4	93.2	75.2	141.5	19.8	218.3	251.5	156.1	32.9	1,550.9
TRAWL													41.5
M.W. TRAWL		7.0							34.5				
OTHER													
GREENIES	39.1	271.5	88.3	476.5	659.0	281.8	145.5	34.9	144.0	195.3	88.6	35.6	2,460.0
TRAWL													1,829.1
M.W. TRAWL	389.5	143.7	195.2	465.1	331.6	113.5	61.9	*	107.8	17.0	3.9	*	3.0
OTHER				0.2	0.1	0.7	*	*	0.1	0.9	*	*	
UNSP. ROCKFISH	3.9	16.7	11.6	22.2	42.9	43.4	56.9	36.3	49.4	61.7	30.5	31.7	407.1
TROLL													302.4
L.L.	7.9	16.1	13.9	81.6	21.1	29.9	5.6	19.6	71.5	24.1	8.0	3.2	
TRAWL	489.1	1,115.7	376.8	1,084.3	1,020.7	1,015.0	630.6	196.1	921.1	1,666.6	891.1	312.0	9,719.1
M.W. TRAWL													1,103.4
OTHER	53.2	10.4	35.8	188.9	298.9	111.6	135.0	*	224.1	45.4	*	*	1.2
	*		0.1	*	0.9		*		0.1	*			
RED SNAPPER	3.1	11.6	13.9	18.1	22.6	31.1	22.2	11.4	16.3	16.9	4.0	14.0	185.1
TROLL													778.5
L.L.	7.2	38.5	50.9	257.0	79.6	82.6	17.0	51.0	116.2	54.1	11.7	12.7	6.4
TRAWL									*		6.3		*
OTHER	*		0.1										
FLOUNDER	21.3	5.3	18.8	4.4	1.3	0.8	2.3	3.6	3.9	6.0	30.6	24.6	122.9
TRAWL													0.4
OTHER	0.4	*			*	*							
SKATE	34.9	111.0	20.6	39.6	38.7	42.8	22.8	1.8	3.6	9.0	9.8	4.7	339.4
TRAWL													10.9
M.W. TRAWL													2.1
L.L.	0.4	0.8	0.3	1.6	1.7	0.5	0.6	0.5	1.5	1.1	0.7	1.0	
OTHER	0.1	0.2		*	0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.2	
IDIOT FISH	6.0	7.1	16.5	12.7	18.0	10.9	6.0	0.7	3.8	7.6	18.7	6.8	114.9
TRAWL													1.5
L.L.				*	1.1	0.3			*		*	*	
OTHER													
SILVER PERCH												*	*
TRAWL													
OTHER													
TURBOT	0.2	31.6	8.4	5.8	7.4	95.8	5.2	1.2	69.8	86.3	289.3	8.2	609.2
TRAWL													
OTHER													
POLLOCK		9.1	9.8	10.0	0.3	1.7	1.0	0.1	1.4	0.1		1.5	35.1
TRAWL													398.9
M.W. TRAWL	63.2	183.4	105.0	14.3	0.5	0.3			3.4	8.1	20.7		
DOG FISH	0.7	71.9	6.3	580.5	60.2	3.7	39.9	2.2	9.8	44.9	17.7	29.8	867.6
TRAWL													144.3
M.W. TRAWL		3.3	25.1	115.8	0.1								1,753.5
L.L.	180.2	338.3	152.8	325.7	144.2	48.5	53.7		1.1	177.1	133.6	198.1	8.9
OTHER				0.2	0.7	1.0	0.9	0.1	*	0.6	4.9	0.5	
HAKE	*	37.8	1,990.9	12.2	60.0	609.8	877.6	54.9	450.5	483.1	171.3	*	110.0
TRAWL													8,494.2
M.W. TRAWL		561.7		2,450.6	843.8								*
OTHER					*								
SHARK	0.1	*			0.2	0.1						0.1	0.5
TOTAL	2,867.7	7,483.6	36,922.1	22,561.0	8,716.7	6,449.4	5,071.8	1,804.6	6,288.4	5,550.7	3,178.9	1,211.8	108,106.7

1. Halibut - Dressed Weight, Head Off
All Others - Round Weight
2. Troll includes Troll Freezer
3. *Less than 50 Kg.

1989
B.C. COMMERCIAL SHELLFISH & OTHER FISH LANDINGS AND EFFORT BY SPECIES, GEAR AND MONTH
 (IN TONNES AND DAYS FISHED)

	JAN. JAN 01 FEB 04	FEB. FEB 05 MAR 04	MARCH MAR 05 APR 01	APRIL APR 02 MAY 06	MAY MAY 07 JUN 03	JUNE JUN 04 JUL 01	JULY JUL 02 AUG 05	AUGUST AUG 06 SEP 02	SEPT. SEP 03 SEP 30	OCT. OCT 01 NOV 04	NOV. NOV 05 DEC 02	DEC. DEC 03 DEC 31	TOTAL
SQUID OTHER SEINE OTHER		13.3	4.1	0.5	11.8	19.5	5.0	2.9	12.2			0.5 *	69.8 *
PLANKTON M.W. TRAWL OTHER	43.5	46.2							11.9		47.4	210.7	359.6
OCTOPUS DIVING TRAWL	11.6 1.5	13.6 2.5	9.9 1.6	10.1 1.7	9.7 2.0	5.9 0.7	4.8 0.5	10.1 0.4	16.6 0.9	26.0 2.8	32.6 3.9	20.1 2.8	171.1 21.3
TRAP	0.4	0.1	0.1	0.3	0.2	2.8	0.2	0.2	0.3	0.3	0.1	0.5	5.3
OTHER	0.2	0.2	0.6	4.1	3.3	1.7	1.7	0.8	1.3	2.1	1.3	2.3	19.6
SEA URCHIN DIVING	547.6	284.1	212.5	233.0	150.0	148.7	64.5		36.0	316.9	702.8	573.0	3,268.8
PRAWNS TRAWL	0.3	0.5	0.6	5.0	2.3	1.2	0.9	0.5	0.4	1.3	0.6	1.5	15.1
TRAPS	6.7	0.6	0.6	155.3	118.1	108.4	86.5	58.0	43.6	99.0	67.8	60.4	805.0
SHRIMP TRAWL	23.5	35.4	37.0	144.5	406.5	355.0	236.6	246.7	352.2	291.7	64.1	42.8	2,236.0
TRAPS	0.4	0.1	0.1	3.4	21.4	4.7	1.7	0.5	3.6	7.2	11.1	8.4	62.6
DAYS FISHED TRAWL	265	334	361	665	820	472	197	160	525	827	484	376	5,486
SHRIMP & PRAWN TRAPS	101	36	23	2,210	2,378	2,008	1,743	1,331	1,185	2,251	1,871	1,856	16,993
CLAMS RAZOR			24.4	44.2	24.1	12.6	9.4		1.7				116.5
BUTTER	42.9	13.6	0.5	3.8	8.1	2.6	0.1			0.8	15.8	3.5	91.8
JAPANESE LITTLENECK	282.4	243.6	224.0	336.2	245.1	272.9	317.4	132.1	182.2	173.0	183.6	171.6	2,764.0
NATIVE LITTLENECK	19.4	26.6	38.8	61.9	25.8	30.4	23.0	11.2	28.7	50.1	48.5	69.5	433.8
MIXED	8.8	5.4	10.2	14.1	14.0	11.2	16.4	14.7	19.1	22.1	11.5	11.6	159.2
ABALONE DIVING	0.3	3.5	1.7	10.4	2.0	1.6			0.1	9.7	9.0	9.6	47.8
DAYS FISHED ABALONE	5	27	8	48	47	42			3	119	97	124	520
CRAB (in shell) TRAWL													
TRAPS	43.8	37.0	23.4	46.4	77.0	204.1	290.4	175.8	179.7	252.1	101.5	90.8	1,522.0
DAYS FISHED TRAWL													
CRAB TRAPS	680	542	486	681	873	1,563	2,600	2,325	2,388	2,799	1,377	1,473	17,787
GEODUCK CLAMS DIVING	0.6	311.3	561.1	1,100.0	578.7	349.9	256.3	189.3	247.4	167.9	117.8	84.0	3,964.4
HORSE CLAMS	0.8	4.5	1.1	76.7	18.8	0.8	7.6	3.8				1.6	115.6
MUSSELS	*									*			*
GOOSE BARNACLES	0.5	3.4	1.7	4.1	2.4	2.4	2.4	3.1	3.0	2.6	1.0	3.0	29.8
SCALLOPS	5.3	5.4	7.7	11.3	11.1	5.7	6.4	4.7	3.9	6.3	3.4	3.9	75.0
SNAILS											0.1	0.3	0.4
CRAYFISH							0.8	0.4	0.6	0.2			2.0
SEA CUCUMBER DIVING	704.0	265.3	109.8	64.5									1,143.6
NON-FOOD FISH	9.5	33.0	95.7	106.1	42.4	47.8	84.6	2.2	16.8	23.0	12.7		473.8
EULACHON OTHER GN				7.2	11.5				0.1				18.8
HAGFISH TRAPS	66.0	107.6	18.4	54.0	84.2	74.2	78.7	42.8	131.6	61.5	31.8	78.7	829.4
OTHER													
STURGEON GN					*	*	1.6	5.5	0.6	*			7.8
OTHER	0.1	0.1	*	*	*	0.1	0.1	*					0.6
TUNA							1.2	11.9	62.7	69.4			145.2
SMELT OTHER GN					0.1	0.2	*	0.1	0.1				0.5
ANCHOVIES OTHER SEINE											3.7		3.7
F.W. FISH OTHER GN						*							*
OTHER													
OTHER FISH		0.1	*	0.1	0.1	0.1	0.1	0.1	0.2	*	2.0	*	2.7
TOTAL WEIGHT	1,620.1	1,456.9	1,385.9	2,499.1	1,870.7	1,665.3	1,498.4	917.9	1,357.4	1,586.1	1,474.1	1,451.0	18,982.8

1. * Less than 50 Kg.

1989
B.C. COMMERCIAL EFFORT BY GEAR, AND MONTH

(IN DAYS FISHED OR DELIVERIES)

	JAN. JAN 01 FEB 04	FEB. FEB 05 MAR 04	MARCH MAR 05 APR 01	APRIL APR 02 MAY 06	MAY MAY 07 JUN 03	JUNE JUN 04 JUL 01	JULY JUL 02 AUG 05	AUGUST AUG 06 SEP 02	SEPT. SEP 03 SEP 30	OCT. OCT 01 NOV 04	NOV. NOV 05 DEC 02	DEC. DEC 03 DEC 31	TOTAL
SALMON GILL NET				18	25	2,064	18,415	24,830	7,582	5,064	53	6	58,057
SEINE							1,523	5,415	2,030	769	4		9,741
TROLL & HL					26	134	30,467	22,516	4,072	123			57,338
TROLL FREEZER							7,273	9,000	1,735				18,008
HERRING GILL NET *			3,308	1,850									5,158
SEINE *	28	28	409	236	60	71	69	97	73	21		32	1,124
TRAWL	28												28
LONGLINE	138	211	244	3,772	812	398	144	209	1,533	447	188	251	8,347
TRAWL	305	608	380	650	800	603	428	242	452	632	470	228	5,798
MIDWATER TRAWL	57	82	57	69	47	24	19	6	41	22	42	115	581
SHRIMP TRAWL	265	334	381	665	820	472	197	160	525	827	484	376	5,486
BEACH SEINE													
OTHER SEINE		2	1	10	10	10	4	2	10		6	1	56
OTHER GILL NET	1			144	74	8	2	6	4				239
PRAWN TRAP	101	36	23	2,210	2,378	2,008	1,743	1,331	1,185	2,251	1,871	1,856	16,993
CRAB TRAP	680	542	486	681	873	1,563	2,600	2,325	2,388	2,799	1,377	1,473	17,787
OTHER TRAP	127	251	91	195	298	231	137	99	157	110	68	133	1,897
DIVING	1,159	679	624	1,092	652	409	322	316	343	841	1,167	1,132	8,736
OTHER GEARS	4,015	3,383	4,385	6,483	5,561	5,264	5,533	2,918	4,506	5,080	4,035	4,549	55,712

1. * Denotes Deliveries

1989
B.C. COMMERCIAL LICENCE STATUS REPORT

COMMERCIAL LICENCES:

A. Limited Entry Licences

Category:		Total to <u>be issued</u>	Issued to <u>89-03-31</u>	% of <u>Total</u>
SALMON	A	3,688	3,683	99.86
	A (Seine)	549	549	100.00
	B	1	1	100.00
	N	254	254	100.00
SCHEDULE II:	C	1,106	1,085	98.10
	E	26	26	100.00
ABALONE	G	55	55	100.00
GEODUCK OR HORSECLAM	H (Gill Net)	1,327	1,327	100.00
ROE HERRING	H (Seine)	252	252	100.00
HERRING SPAWN ON KELP	J	28	28	100.00
SABLEFISH	K	48	48	100.00
HALIBUT	L	435	435	100.00
SHRIMP TRAWL	S	249	248	99.60
GROUND FISH TRAWL	T	<u>142</u>	<u>142</u>	<u>100.00</u>
		<u>8,160</u>	<u>8,133</u>	<u>99.67</u>

B. Unlimited Licences

Category:		Issued to <u>89-12-31</u>	
PACKING PROCESSOR	D	219	
	P	16	
		<u>—</u>	
FISHING WITH VESSEL:	Z-A	191	
	Z-B	7	
	Z-C	240	
	Z-D	245	
	Z-E	72	
	Z-F	45	
	Z-G	0	
	Z-H	901	
	Z-I	43	
	Z-J	257	
	Z-K	24	
	Z-L	40	
	Z-M	23	
	Z-N	2,319	
	Z-O	<u>29</u>	
	<u>4,436</u>		
FISHING WITHOUT VESSEL:	Z-1	20	
	Z-2	1,870	
	Z-3	0	
	Z-4	0	
	Z-5	0	
	Z-6	130	
	Z-7	0	
	Z-8	66	
	Z-9	<u>3</u>	
		<u>2,089</u>	
		"Z" TOTAL	<u>6,525</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	693	692	2,298	549
B	0	1	0	0
N	<u>0</u>	<u>0</u>	<u>254</u>	<u>0</u>
Totals:	<u>693</u>	<u>693</u>	<u>2,552</u>	<u>549</u>

E. Roe Herring - Area Election:

AREA	GILL NET	SEINE
Q.C.I. (Q)	0	14
Central (C)	208	70
St. of Georgia (G)	529	12
W.C.V.I. - N (N)	0	33
Prince Rupert (P)	402	33
W.C.V.I. - S (S)	0	77
W.C.V.I. - W (W)	<u>188</u>	<u>0</u>
	<u>1,327</u>	<u>239</u>

*13 Seine vessels on charter - no area election

F. Clam Harvesting - Area Election:

A	10
B	224
C	400
D	421
E	374
F	<u>441</u>
Total:	<u>1,870</u>

G. Total Number of Licenced Vessels: 5,792

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

<u>TYPE</u>	<u>1989</u>
Annual	14,328
5-Year (valid for 1989)	<u>6,250</u>
	<u>20,578</u>

III. REVENUE FROM COMMERCIAL LICENCING AS AT: 1989-12-31 : =\$ 4,393,225.00