

Annual Summary
of
BRITISH COLUMBIA
COMMERCIAL
CATCH STATISTICS
1993

PACIFIC REGION



Fisheries
and Oceans

Pêches
et Océans

Canada

**1993
ANNUAL SUMMARY
OF
BRITISH COLUMBIA COMMERCIAL CATCH STATISTICS**

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FOREWORD

This report presents final catch data for 1993. Landings by Canadian fishermen at B.C. and U.S. ports are included in this report.

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 final 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 week as follows:

Four weeks - February, March, May, June, August, September and November.

Five weeks - January, April, July, October and December.

These definitions are constant from year to year.

This report was compiled by the staff of the Fisheries Catch Statistics Unit under the direction of Maureen Kostner.

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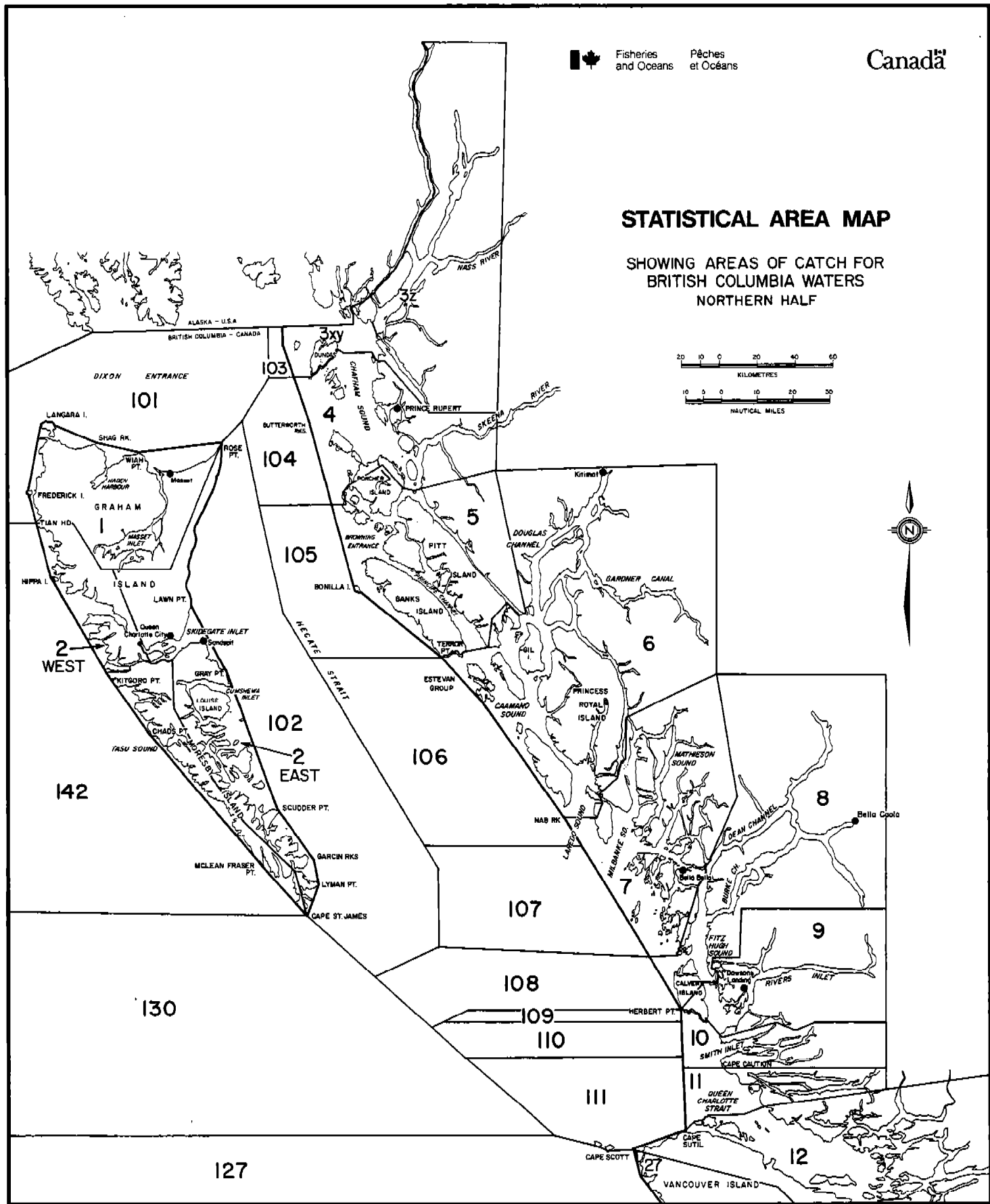
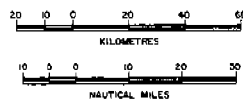
IMPORTANT NOTES

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 Gillnet 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 excluded from the North Coast summary and are reported separately.
3. "Small" Chinook are net caught fish under five pounds round weight.
4. Rows and columns may not total exactly, due to rounding.
5. In this publication, 'dates' are the date of delivery. The date of delivery is not necessarily the date of catch.
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.

L. TOUSIGNANT
DIRECTOR GENERAL
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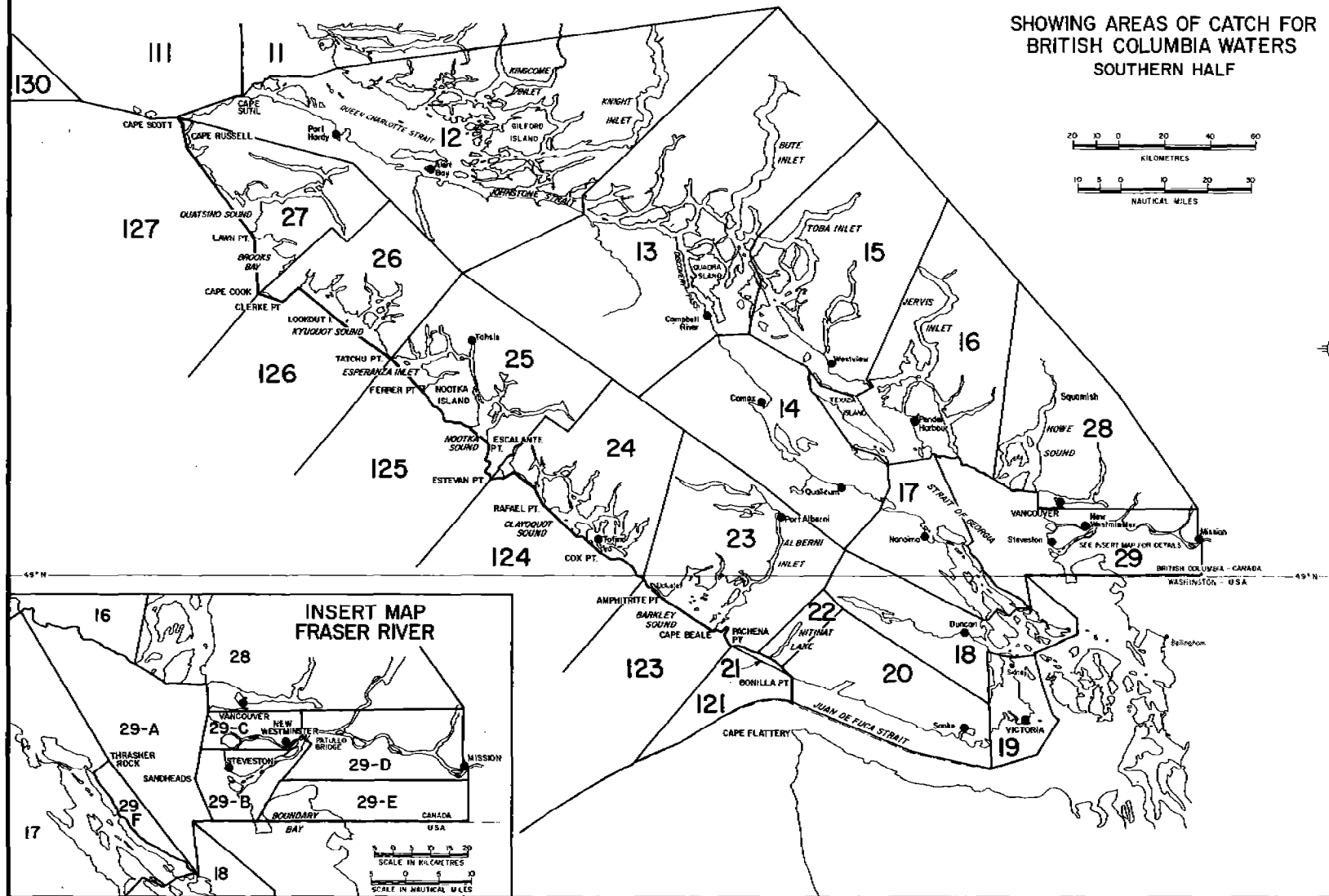
STATISTICAL AREA MAP

SHOWING AREAS OF CATCH FOR
BRITISH COLUMBIA WATERS
NORTHERN HALF

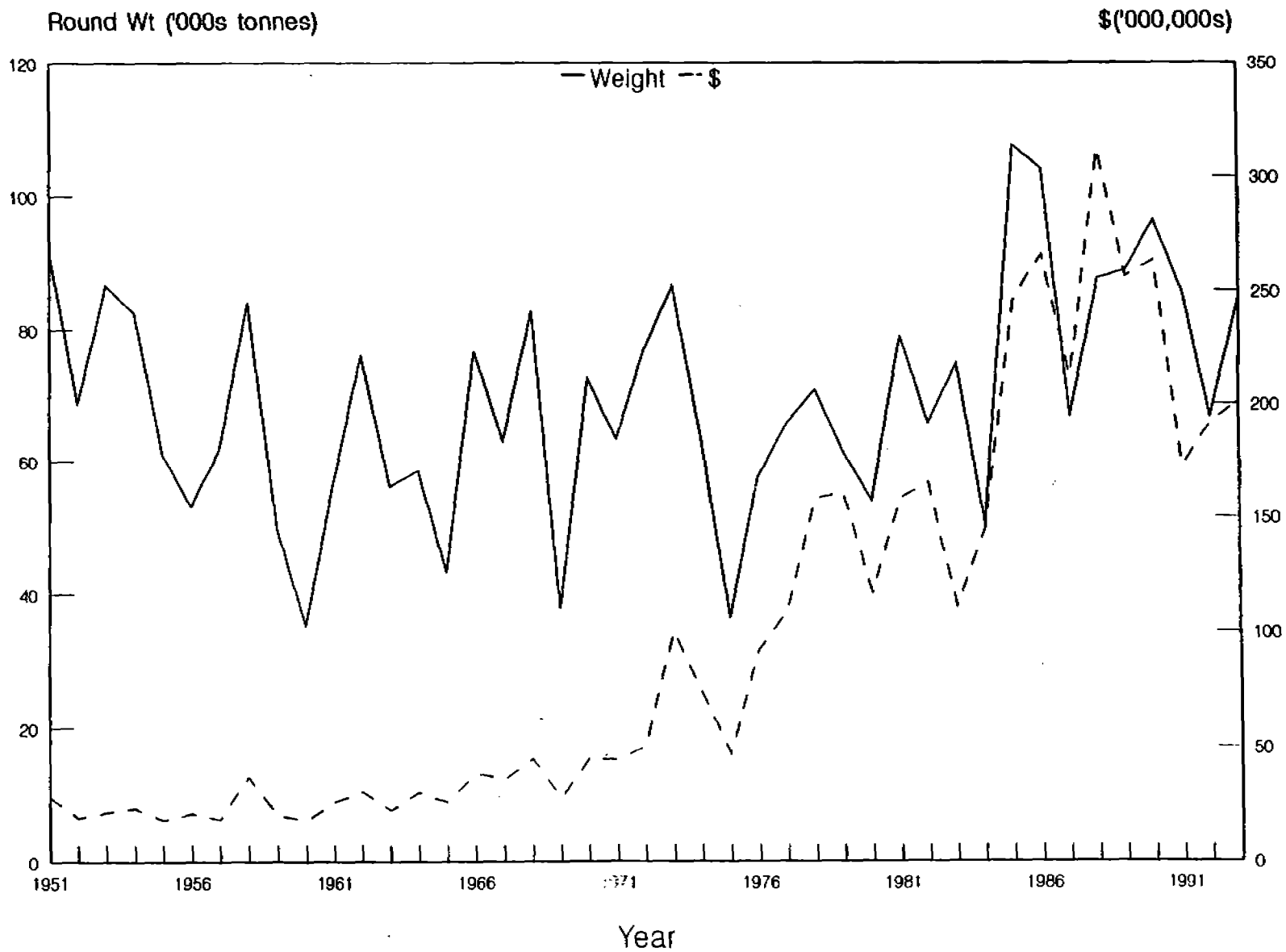


STATISTICAL AREA MAP

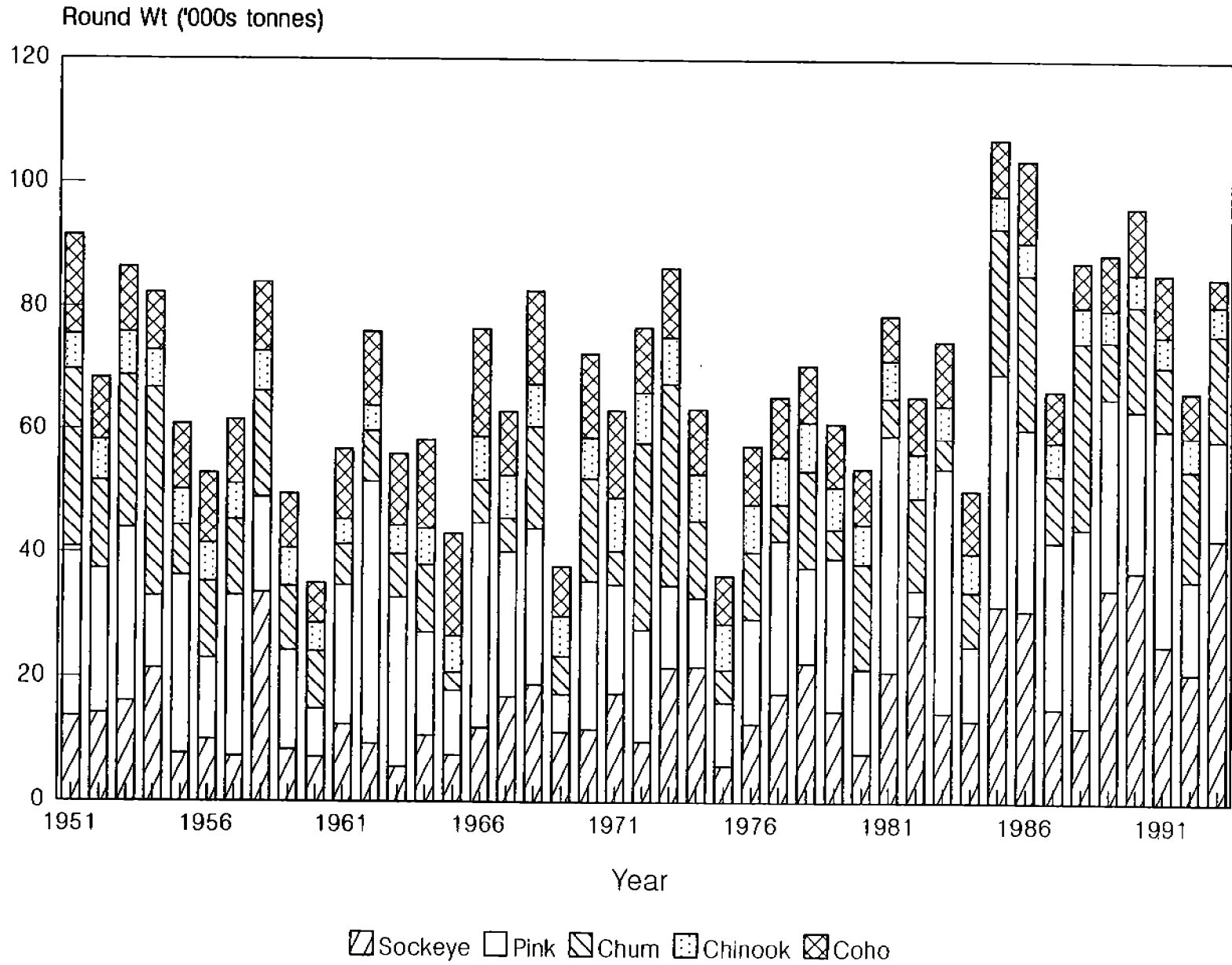
SHOWING AREAS OF CATCH FOR
BRITISH COLUMBIA WATERS
SOUTHERN HALF



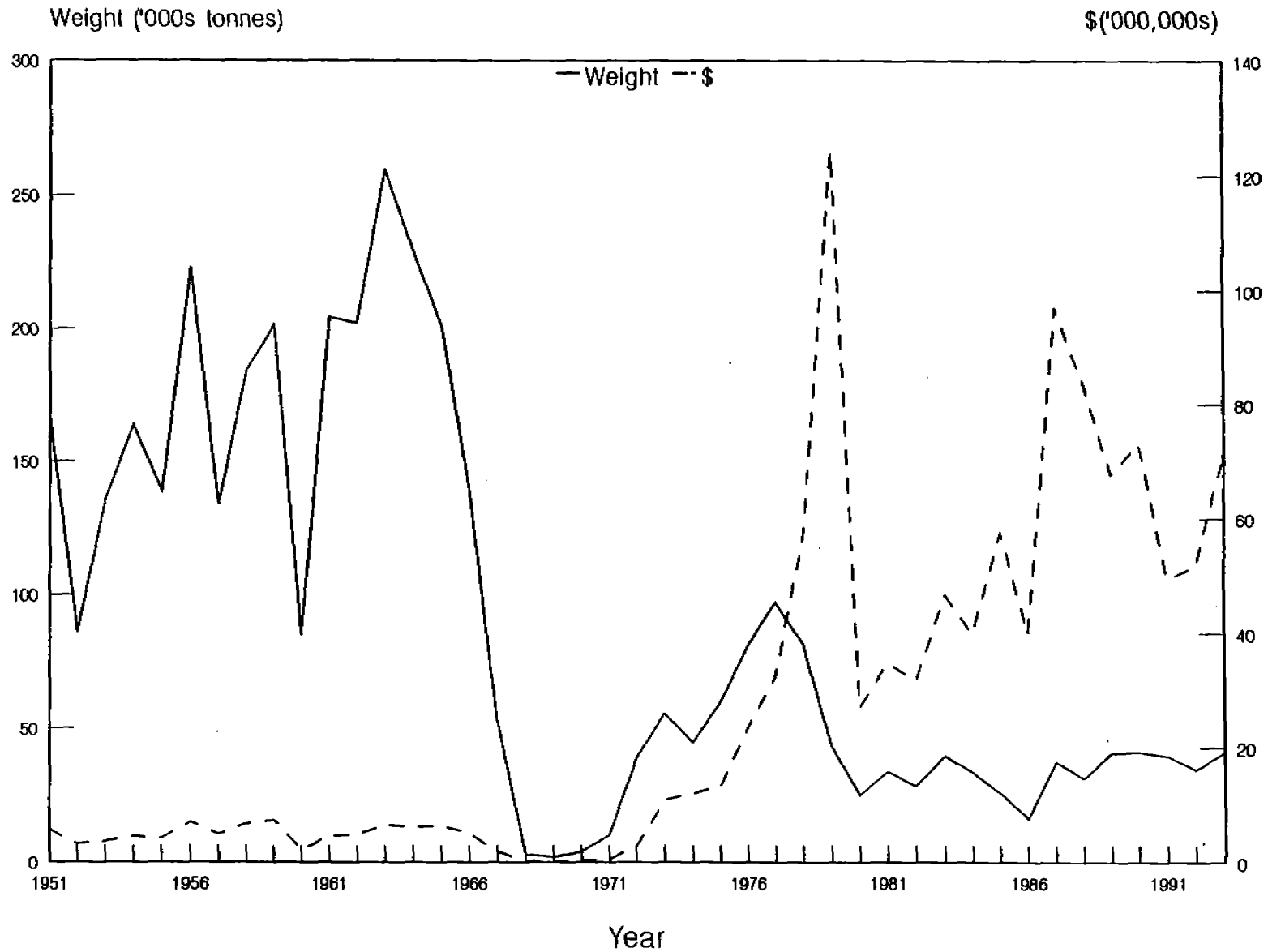
COMMERCIAL SALMON LANDINGS IN BRITISH COLUMBIA 1951-1993



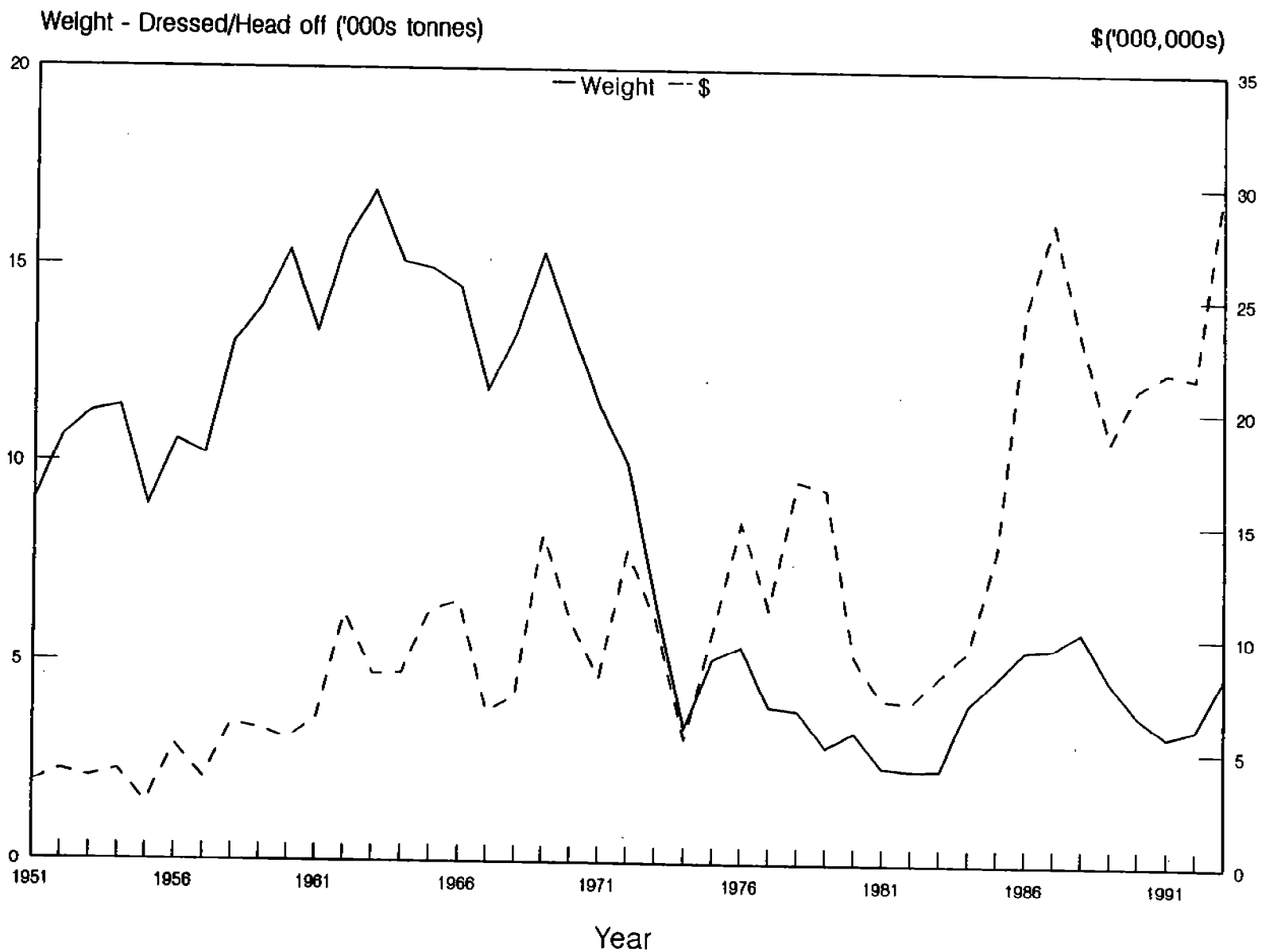
BRITISH COLUMBIA COMMERCIAL SALMON LANDINGS BY SPECIES 1951-1993



COMMERCIAL HERRING LANDINGS IN BRITISH COLUMBIA 1951-1993



HALIBUT LANDINGS BY B.C. COMMERCIAL FISHERMEN AT CANADIAN & U.S. PORTS 1951-1993



COMMERCIAL LANDINGS BY SPECIES AND DISTRICT
(In Tonnes¹ and Thousands of Dollars)
1993

BRITISH COLUMBIA

SPECIES	TAKU / STIKINE	NORTH COAST AREAS 1-10,30	SOUTH COAST AREAS 11-27	FRASER AREAS 28,29	TOTAL	LANDED VALUE \$000'S
Chinook	21	1,784	2,306	107	4,218	14,587
Sockeye	192	11,564	23,717	6,336	41,810	140,633
Coho	19	1,504	2,233	9	3,765	10,912
Pink	*	7,050	7,854	424	15,328	11,537
Chum	1	5,236	11,555	342	17,133	23,345
Steelhead	*	4	3	*	8	13
Subtotal	233	27,142	47,668	7,218	82,262	201,027
Salmon Roe	*	5	10	1	16	61
TOTAL SALMON	233	27,147	47,678	7,219	82,278	201,088
Herring	--	20,851	20,106	91	41,048	71,260
Herring Spawn on Kelp	--	221	53	--	274	11,776
TOTAL HERRING	--	21,072	20,159	91	41,322	83,036
Halibut (2)	--	3,788	1,008	--	4,796	30,275
Dogfish	--	74	744	12	830	373
Flounder	--	84	24	--	108	42
Hake (3)	--	1	13,929	2,268	16,198	1,517
Lingcod	--	1,722	3,511	1	5,234	4,439
Pacific Cod	--	4,629	3,493	*	8,123	4,591
Pacific Ocean Perch	--	2,629	1,981	--	4,609	2,379
Walleye Pollock	--	4,472	3,649	*	8,121	2,617
Rockfish (4)	--	8,320	11,713	1	20,034	15,469
Sablefish	--	3,924	1,386	--	5,310	23,894
Skate	--	178	71	1	249	49
Sole	--	6,341	3,575	*	9,917	7,131
Turbot	--	1,425	2,707	--	4,132	1,056
Other Groundfish (5)	--	285	257	--	542	610
Groundfish Subtotal	--	34,084	47,040	2,283	83,407	64,167

SPECIES	TAKU / STIKINE	NORTH COAST AREAS 1-10,30	SOUTH COAST AREAS 11-27	FRASER AREAS 28,29	TOTAL	LANDED VALUE \$000'S
Abalone	--	--	--	--	--	--
Clams (6)	--	44	1,308	--	1,352	2,882
Crab	--	5,094	710	503	6,306	18,761
Geoducks	--	1,060	1,391	4	2,455	26,994
Goose Barnacles	--	*	30	--	30	320
Horse Clams	--	--	23	--	23	49
Octopus	--	52	93	*	145	443
Oysters (7)	--	--	4,738	--	4,738	3,989
Prawns	--	313	865	36	1,215	10,124
Shrimp	--	77	3,061	144	3,283	3,499
Scallops	--	--	80	10	90	423
Sea Cucumber	--	617	195	--	812	982
Sea Urchins	--	5,527	1,571	3	7,102	9,149
Other Shellfish (8)	--	2	63	*	66	58
Shellfish Subtotal	--	12,786	14,128	700	27,617	77,673
Eulachon	--	--	--	9	9	18
Mackerel	--	*	20	--	20	6
Non-Food Fish	--	165	31	--	196	9
Smelts	--	*	*	1	2	3
Sturgeon	--	*	*	3	3	5
Tuna (9)	--	70	259	--	329	776
Other Fish (10)	--	*	12	--	13	26
Other Subtotal	--	235	322	13	572	843
GRAND TOTAL (11)	233	99,112	130,335	10,306	239,992	457,082

- (1) Salmon is reported in standard form, halibut is reported dressed head-off and all other fish are reported in round weight.
- (2) Includes 316 tonnes of halibut valued at \$1,986,616 delivered by B.C. fishermen to U.S. buyers.
- (3) Excludes 46,373 tonnes of hake valued at \$7,137,995 delivered to foreign vessels in joint venture fishing arrangements.
- (4) Includes reedi, greenies, rockfish, red snappers and silver perch.
- (5) Includes idiot fish, shark and greenling.
- (6) Includes mussels and deep water littleneck clams.
- (7) Landed value for 1993 oysters reflects a 'Farm Gate' selling price.
- (8) Includes squid, snails, plankton and crayfish.
- (9) Excludes 222 tonnes of tuna valued at \$575,673 caught in U.S. and international waters by Canadian fishermen and landed in Canada.
- (10) Includes anchovies, freshwater fish, hagfish and unspecified species.
- (11) Includes direct deliveries by Canadian fishermen to U.S. ports.
- (12) * Less than 500 kg.

COMMERCIAL CATCH STATISTICS
1984 - 1993

BRITISH COLUMBIA

B.C. LANDINGS AND VALUE: 1984 - 1993

YEAR	TONNES	\$ MILLION
1984	136,879	238.1
1985	196,403	375.3
1986	190,619	397.4
1987	199,249	434.3
1988	211,184	525.1
1989	212,719	443.2
1990	229,034	468.8
1991	235,643	368.1
1992	226,098	404.2
1993	239,992	457.1

GROUND FISH LANDED WEIGHT(1)

Year	Sole	Pacific Cod	Lingcod	Sable-fish	Rock-fish	Other Groundfish	Total
1984	3,225	3,459	3,707	3,852	14,695	8,686	37,624
1985	2,779	2,345	5,688	4,263	17,814	11,650	44,539
1986	2,753	3,668	3,860	4,686	24,828	11,499	51,294
1987	3,022	13,691	3,540	4,717	24,132	19,741	68,843
1988	5,139	11,024	3,444	5,291	26,803	13,335	65,036
1989	6,352	9,143	3,981	5,495	24,456	13,014	62,441
1990	7,041	6,233	5,054	5,125	27,738	18,088	69,279
1991	7,745	11,910	5,366	5,546	23,422	31,362	85,351
1992	7,944	10,125	4,334	5,372	25,782	37,222	90,779
1993	9,917	8,123	5,234	5,310	24,644	30,181	83,409

(1) Tonnes (round weight).

HALIBUT LANDED WEIGHT(1) AND VALUEDeliveries to Canadian Deliveries
Canadian Buyers to U.S. Buyers Total Landings

Year	Weight	\$000's	Weight	\$000's	Weight	\$000's
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	24,309	693	4,016	5,444	28,325
1988	5,048	19,703	818	3,513	5,866	23,216
1989	3,893	15,106	766	3,589	4,659	18,695
1990	3,577	19,750	207	1,314	3,783	21,064
1991	3,130	21,026	111	746	3,241	21,770
1992	3,426	21,420	16	105	3,441	21,525
1993	4,481	28,289	316	1,987	4,796	30,275

(1) Tonnes dressed head-off weight.

SHELLFISH LANDED WEIGHT(1)

Year	Crabs	Shrimp	Prawns	Clams(2)	Geoducks	Abalone	Oysters (In Shell)
1984	1,155	409	504	2,622	3,483	57	2,897
1985	1,165	678	514	2,932	5,370	42	3,420
1986	1,321	768	550	2,947	5,006	52	2,864
1987	1,631	2,644	620	4,636	5,734	49	3,482
1988	1,532	2,561	720	4,844	4,567	49	3,702
1989	1,522	2,299	820	3,681	3,964	48	3,721
1990	2,168	1,940	761	2,609	3,992	50	4,547
1991	1,887	3,265	961	1,589	3,298	0	4,482
1992	3,355	2,683	1,168	1,342	2,874	0	4,483
1993	6,306	3,283	1,215	1,375	2,455	0	4,738

(1) Tonnes (round weight).

(2) Includes horse clams and deep water littleneck clams.

HERRING LANDED WEIGHT(1) AND VALUE

Year	Roe		Food		Pond & Other		Roe on Kelp	
	Weight	\$000's	Weight	\$000's	Weight	\$000's	Weight	\$000's
1984	32,623	39,137	465	149	615	569	172	4,507
1985	24,400	56,350	654	230	713	824	188	5,698
1986	15,582	39,238	316	76	442	522	150	6,372
1987	36,835	96,379	472	147	308	381	194	10,444
1988	29,852	82,182	577	175	955	1,164	218	12,933
1989	40,210	67,083	45	8	540	517	213	8,711
1990	40,083	71,601	179	22	793	1,544	224	8,304
1991	38,614	48,784	883	208	245	428	289	8,851
1992	33,643	50,704	511	164	433	678	280	8,769
1993	39,937	70,381	488	156	623	722	274	11,776

(1) Tonnes (round weight).

COMMERCIAL SALMON CATCH
WEIGHT(1), NUMBER OF FISH, AVERAGE WEIGHT, LANDED VALUE
BY SPECIES AND YEAR
1984 - 1993

BRITISH COLUMBIA

CHINOOK

Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
1984	6,254	1,010	6.2	37,320
1985	5,470	870	6.3	25,565
1986	5,007	813	6.2	19,660
1987	5,249	768	6.8	30,529
1988	5,922	725	8.2	43,796
1989	5,235	650	8.1	20,158
1990	5,228	668	7.8	20,484
1991	5,058	640	7.9	19,640
1992	5,336	682	7.8	24,445
1993	4,817	622	7.7	14,586

PINK

Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
1984	12,058	7,491	1.6	10,742
1985	37,701	20,228	1.9	38,980
1986	29,505	17,977	1.6	25,691
1987	26,921	13,357	2.0	33,480
1988	32,217	23,123	1.4	49,304
1989	31,004	17,051	1.8	33,481
1990	26,240	17,224	1.5	26,981
1991	35,096	23,978	1.5	29,971
1992	14,913	10,263	1.5	10,805
1993	16,046	10,127	1.6	11,537

SOCKEYE

Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
1984	12,877	5,083	2.5	45,977
1985	31,568	12,248	2.6	120,429
1986	30,833	10,557	2.9	143,270
1987	15,035	5,386	2.8	87,381
1988	11,943	4,474	2.7	96,408
1989	34,383	13,783	2.5	169,272
1990	37,134	14,188	2.6	160,734
1991	25,211	10,361	2.4	84,640
1992	20,938	8,219	2.5	110,387
1993	42,529	18,133	2.3	140,632

CHUM

Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
1984	9,003	1,843	4.9	14,938
1985	23,646	5,471	4.3	34,756
1986	25,197	5,580	4.5	37,615
1987	11,000	2,270	4.8	26,779
1988	30,297	6,169	4.9	84,621
1989	9,322	1,810	5.2	13,778
1990	17,181	3,176	5.4	27,053
1991	10,236	2,349	4.4	12,884
1992	17,964	4,007	4.5	25,523
1993	17,274	4,221	4.1	23,345

COHO

Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
1984	10,089	3,601	2.8	35,533
1985	8,977	2,950	3.0	26,556
1986	13,238	4,904	2.7	39,265
1987	8,415	3,359	2.5	33,747
1988	7,077	2,745	2.6	37,688
1989	8,752	3,434	2.5	19,336
1990	10,569	3,872	2.7	28,065
1991	10,053	3,509	2.9	25,267
1992	7,328	2,962	2.5	20,608
1993	4,316	1,895	2.3	10,912

TOTAL SALMON(2)

Year	Weight	Number of Fish (000's)	Average Weight (Kg.)	Landed Value (\$000's)
1984	50,431	19,062	2.6	144,801
1985	107,565	41,814	2.6	246,674
1986	103,939	39,868	2.6	265,777
1987	66,695	25,156	2.7	212,063
1988	87,548	37,257	2.3	312,067
1989	88,728	36,736	2.4	256,084
1990	96,396	39,138	2.5	263,401
1991	85,680	40,844	2.1	172,441
1992	66,497	26,138	2.5	191,800
1993	84,989	35,000	2.4	201,024

1. Tonnes (round weight).

2. Includes Steelhead.

3. 1984-1993 values include bonus payments; 1985 value also includes direct delivery payments.

COMMERCIAL LANDINGS
WEIGHT⁽¹⁾, VALUE, PAYMENTS, DELIVERIES
BY GEAR, YEAR AND SPECIES
1984 - 1993

BRITISH COLUMBIA

GILL NET

YEAR	CHINOOK	SOCKEYE	COHO	PINK	CHUM	TOTAL ⁽²⁾	VALUE ⁽²⁾	TOTAL PAYMENTS	DELIVERIES ⁽²⁾	CATCH PER DELIVERY ⁽²⁾	VALUE PER
							(\$000's)	TO FISHERMEN ⁽²⁾			(\$000's)
1984	763	6,542	518	1,826	2,988	12,761	35,674	36,260	51	250	700
1985	525	13,461	857	4,012	6,211	25,219	67,387	67,020	70	360	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
1990	631	13,022	675	2,839	6,049	23,257	67,590	69,094	60	388	1,127
1991	890	10,407	614	2,937	4,541	19,410	43,738	44,101	52	373	841
1992	460	12,981	479	2,528	6,721	23,183	80,138	81,285	56	414	1,431
1993	625	18,536	383	1,846	7,153	28,549	69,605	70,602	64	446	1,088

SEINE

YEAR	CHINOOK	SOCKEYE	COHO	PINK	CHUM	TOTAL ⁽²⁾	VALUE ⁽²⁾	TOTAL PAYMENTS	DELIVERIES ⁽²⁾	CATCH PER DELIVERY ⁽²⁾	VALUE PER
							(\$000's)	TO FISHERMEN ⁽²⁾			(\$000's)
1984	444	5,791	843	7,811	5,603	20,514	38,399	41,220	13	1,578	2,954
1985	733	14,735	1,410	25,996	15,768	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
1990	402	15,770	1,055	19,307	10,800	47,338	103,668	112,115	11	4,303	9,424
1991	408	10,312	790	25,828	5,202	42,543	61,750	63,293	11	3,868	5,614
1992	296	6,959	574	10,093	10,714	28,641	60,453	63,448	9	3,182	6,717
1993	267	19,281	326	9,491	9,199	38,566	80,020	83,440	8	4,821	10,002

TROLL

YEAR	CHINOOK	SOCKEYE	COHO	PINK	CHUM	TOTAL ⁽²⁾	VALUE ⁽²⁾	TOTAL PAYMENTS	DELIVERIES ⁽²⁾	CATCH PER DELIVERY ⁽²⁾	VALUE PER
							(\$000's)	TO FISHERMEN ⁽²⁾			(\$000's)
1984	5,047	544	8,728	2,422	412	17,156	70,727	72,850	138	124	513
1985	4,211	3,372	6,710	7,692	1,666	23,669	72,383	74,550	124	191	584
1986	3,911	6,816	10,481	1,609	1,828	24,652	96,114	96,110	112	220	858
1987	4,623	2,133	7,050	7,042	352	21,203	89,617	89,620	84	252	1,067
1988	5,138	659	6,040	4,913	1,113	17,866	99,111	99,110	86	208	1,152
1989	3,889	4,642	6,871	9,250	521	25,174	73,098	73,100	75	336	975
1990	4,195	8,341	8,839	4,094	331	25,801	92,142	92,140	90	287	1,024
1991	3,760	4,492	8,649	6,331	493	23,725	66,951	66,950	89	267	752
1992	4,580	998	6,275	2,292	528	14,674	51,209	51,211	85	173	602
1993	3,924	4,712	3,607	4,709	921	17,874	51,399	51,399	73	245	704

1. Tonnes (round weight).

2. Includes Steelhead.

3. 1984-1993 values include bonus payments; 1985 value also includes direct delivery payments.

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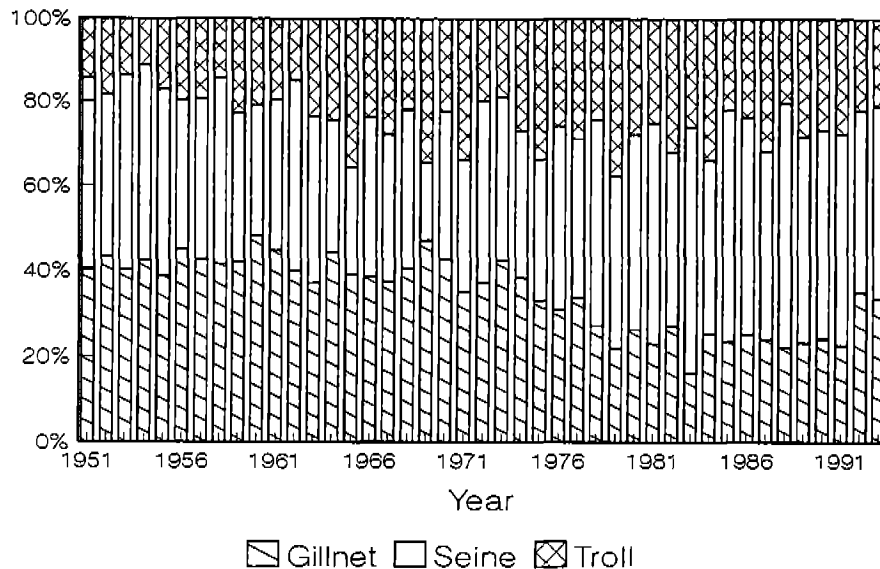
COMMERCIAL SALMON LANDINGS BY SPECIES AND GEAR TYPE
1993

BRITISH COLUMBIA

<u>SPIECES</u>	<u>GILLNET</u>		<u>SEINE</u>		<u>TROLL(2)</u>		<u>TOTAL</u>
	<u>WEIGHT(1)</u>	<u>%</u>	<u>WEIGHT(1)</u>	<u>%</u>	<u>WEIGHT(1)</u>	<u>%</u>	<u>WEIGHT(1)</u>
CHINOOK	625	13.0	267	5.5	3,924	81.5	4,816
SOCKEYE	18,536	43.6	19,281	45.3	4,713	11.1	42,530
COHO	383	8.9	326	7.6	3,607	83.6	4,316
PINK	1,846	11.5	9,491	59.1	4,709	29.3	16,046
CHUM	7,153	41.4	9,199	53.3	921	5.3	17,273
STEELHEAD	6	75.0	1	12.5	1	12.5	8
TOTAL	28,549	33.6	38,566	45.4	17,875	21.0	84,990

1. Tonnes (Round weight)
2. Troll includes troll freezer.

PERCENTAGE OF SALMON CATCH BY GEAR
1951-1993



COMMERCIAL SALMON LANDINGS BY SPECIES, YEAR AND MONTH
(In Tonnes¹)
1989 - 1993

BRITISH COLUMBIA

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	TOTAL
<u>CHINOOK</u>													
1989	-	-	-	*	3	72	2,651	2,246	250	11	*	-	5,235
1990	-	-	-	1	2	125	3,229	1,321	537	12	1	-	5,228
1991	-	-	-	*	18	83	2,614	1,904	431	9	*	*	5,058
1992	-	-	-	25	11	38	2,683	1,534	957	86	1	1	5,336
1993	-	-	-	*	*	48	2,446	1,278	1,001	42	2	*	4,817
<u>SOCKEYE</u>													
1989	-	-	-	-	-	111	8,632	25,168	469	1	*	-	34,383
1990	-	-	-	-	*	56	4,024	31,430	1,605	18	*	-	37,134
1991	-	-	-	-	-	56	8,883	15,655	590	27	*	-	25,211
1992	-	-	-	-	-	5	9,390	11,525	16	2	*	-	20,938
1993	-	-	-	-	-	208	8,194	25,830	8,271	26	*	-	42,529
<u>COHO</u>													
1989	-	-	-	-	*	23	5,434	2,469	677	148	1	*	8,752
1990	-	-	-	*	*	99	6,414	2,629	1,278	144	4	*	10,569
1991	-	-	-	-	1	23	5,335	2,975	1,626	89	4	-	10,053
1992	-	-	-	-	5	2	3,713	2,572	930	100	4	*	7,328
1993	-	-	-	-	-	9	2,348	1,239	674	43	2	-	4,316
<u>PINK</u>													
1989	-	-	-	-	-	1	8,232	16,826	5,936	8	-	-	31,004
1990	-	-	-	-	-	3	10,293	14,942	972	30	*	-	26,240
1991	-	-	-	-	-	*	14,020	17,644	3,420	11	*	-	35,096
1992	-	-	-	-	-	*	6,976	7,545	390	2	*	-	14,913
1993	-	-	-	-	-	1	3,424	7,400	5,168	53	*	-	16,046
<u>CHUM</u>													
1989	-	-	-	-	-	50	1,920	1,684	2,868	2,776	24	*	9,322
1990	-	-	-	-	-	25	4,775	2,199	1,767	7,804	609	1	17,181
1991	-	-	-	-	-	14	2,215	904	2,097	3,952	1,053	1	10,236
1992	-	-	-	-	-	3	1,606	996	2,354	10,754	2,232	20	17,964
1993	-	-	-	-	-	31	2,711	1,698	1,451	7,025	4,186	171	17,274
<u>STEELHEAD</u>													
1989	-	-	-	*	-	2	10	18	1	1	*	-	32
1990	-	-	-	*	-	1	22	20	3	1	*	*	45
1991	-	-	-	*	-	*	13	11	*	1	1	*	26
1992	-	-	-	-	-	*	7	10	1	1	*	*	18
1993	-	-	-	*	-	*	3	3	1	*	*	*	8

1. Round weight.

2. * Less than 500 Kg.

COMMERCIAL SALMON LANDINGS BY SPECIES, GEAR AND MONTH
(In Tonnes¹)
1993

BRITISH COLUMBIA

	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	TOTAL
	JAN 01 JAN 30	JAN 31 FEB 27	FEB 28 MAR 27	MAR 28 MAY 01	MAY 02 MAY 29	MAY 30 JUN 26	JUN 27 JUL 31	AUG 01 AUG 28	AUG 29 SEP 25	SEP 26 OCT 30	OCT 31 NOV 27	NOV 28 DEC 31	
CHINOOK RED GN				0.1	0.4	42.8	200.0	83.0	236.2	3.4	0.5	*	566.5
SEINE							111.4	96.0	20.5	0.3	*		228.3
SMALL GN						0.6	4.3	4.0	0.8	*	*		9.8
SEINE							8.8	5.1	1.9	*	*		15.8
WHITE GN				0.1		4.2	26.8	7.1	6.3	3.7	0.9	*	49.1
SEINE							7.4	14.7	0.9	*			23.1
MIXED TROLL							1769.2	905.0	622.2	29.3			3325.7
SOCKEYE GN						207.6	5785.6	6765.0	5775.0	2.5	*		18535.6
SEINE							2360.0	15308.3	1612.3	*			19280.6
TROLL							41.4	3183.6	748.6	20.1			3993.7
COHO GN						9.5	199.3	110.0	53.4	9.4	1.6		383.2
SEINE							137.8	112.6	68.1	6.9	0.4		325.8
TROLL							1703.9	861.2	468.4	23.1			3056.5
PINK GN						0.6	627.9	684.9	527.9	4.8	*		1846.1
SEINE							1981.2	4700.5	2809.0	0.6	*		9491.2
TROLL							690.8	1707.3	1552.2	40.3			3990.6
CHUM GN						30.9	1223.4	814.9	387.5	2427.1	2098.3	170.6	7152.7
SEINE							1085.2	618.6	851.7	4555.9	2088.0		9199.4
TROLL							340.8	224.4	179.7	36.0			780.9
STEELHEAD GN				*		0.1	1.7	2.5	1.1	0.2	*	*	5.6
SEINE							0.7	0.7	0.1	*	*		1.4
TROLL							0.2	0.2	0.1	*			0.6
TOTAL NET				0.2	0.4	296.2	13761.4	29327.8	12352.6	7014.9	4190.0	170.6	67114.3
TROLL							4546.4	6881.7	3571.1	148.8			15147.9
TOTAL NET & TROLL				0.2	0.4	296.2	18307.8	36209.5	15923.8	7163.7	4190.0	170.6	82262.2
SALMON ROE GN						*	0.2	0.8	1.1	2.5	0.9	0.1	5.6
SEINE										*	*		*
TROLL							2.5	2.4	4.6	0.8			10.3

- Gill Net and Seine Landings are reported as round weight.
Troll landings are reported as dressed weight, head on.
- Troll includes troll freezer.
- * indicates less than 50 Kg.

COMMERCIAL SALMON LANDINGS BY SPECIES AND AREA
(In Thousand of Fish)
1993

BRITISH COLUMBIA

AREA	CHINOOK	SOCKEYE	COHO	PINK	CHUM	STEELHEAD	TOTAL
Taku	2	34	3	*	*	*	39
Stikine	1	38	3	*	*	*	42
TOTAL	3	72	6	*	*	*	81
<u>NORTH COAST</u>							
1	118	258	213	1,020	192	*	1,801
2E	10	3	33	10	117	-	173
2W	28	1,041	36	536	60	*	1,701
3	26	1,355	107	2,365	474	*	4,328
4	22	1,684	64	587	198	*	2,556
5	4	43	18	39	17	*	120
6	4	4	8	11	12	*	39
7	8	6	11	19	99	*	144
8	9	62	14	258	187	*	530
9	1	85	6	2	3	*	98
10	2	285	15	13	13	*	327
30	-	-	-	-	-	-	-
TOTAL	230	4,826	526	4,861	1,372	1	11,816
<u>SOUTH COAST</u>							
11	10	702	27	116	5	*	860
12	17	5,804	77	3,256	638	*	9,793
13	12	1,380	44	828	638	*	2,902
14	20	2	209	6	381	*	619
15	1	*	7	1	*	*	10
16	6	804	13	283	119	*	1,225
17	1	3	16	2	18	-	40
18	*	7	1	3	80	*	92
19	-	-	-	-	-	-	-
20	3	521	6	54	*	*	585
21	6	14	64	33	764	*	881
22	*	*	*	*	-	-	*
23	87	667	320	67	1	*	1,142
24	37	149	151	80	*	*	418
25	34	98	91	56	118	*	397
26	39	37	108	31	1	*	216
27	100	270	223	185	6	*	784
TOTAL	374	10,459	1,359	5,001	2,769	1	19,963
<u>FRASER AREA</u>							
28	-	-	-	-	-	-	-
29AB	12	2,712	4	261	46	*	3,034
29C	*	27	*	*	-	-	28
29D	3	37	*	4	34	*	78
29E	-	-	-	-	-	-	-
TOTAL	15	2,776	4	265	80	*	3,139
TOTAL B.C.	622	18,133	1,895	10,127	4,221	2	35,000

* Less than 500 pieces.

COMMERCIAL SALMON LANDINGS BY SPECIES AND AREA
(In Tonnes¹)
1993

BRITISH COLUMBIA

AREA	CHINOOK	SOCKEYE	COHO	PINK	CHUM	STEELHEAD	TOTAL
Taku	14	84	10	*	*	*	107
Stikine	7	109	9	*	1	*	127
TOTAL	21	192	19	*	1	*	234

NORTH COAST

1	1,106	611	710	1,539	626	*	4,592
2E	90	6	111	14	338	-	559
2W	257	2,522	120	875	191	*	3,964
3	166	3,329	325	3,518	1,881	1	9,221
4	174	4,112	200	872	831	2	6,190
5	30	104	60	61	70	*	324
6	41	9	26	17	59	*	152
7	71	14	39	33	403	*	560
8	82	139	45	432	881	1	1,580
9	7	223	15	5	18	*	269
10	9	709	37	25	62	*	841
30	-	-	-	-	-	-	-
TOTAL	2,033	11,777	1,687	7,391	5,360	4	28,253

SOUTH COAST

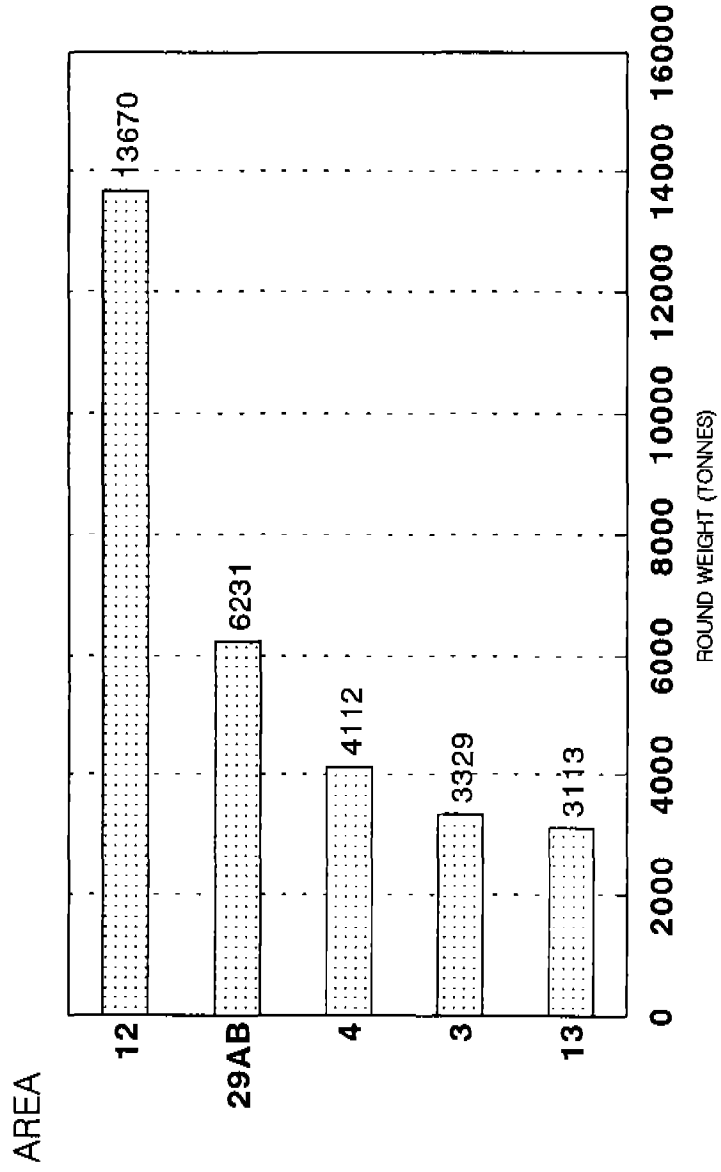
11	76	1,653	77	213	22	*	2,041
12	110	13,670	180	5,230	2,692	1	21,883
13	60	3,113	88	1,395	2,671	*	7,327
14	89	5	368	10	1,639	*	2,111
15	6	1	14	1	*	*	21
16	23	1,839	28	455	482	*	2,827
17	4	6	29	4	73	-	115
18	*	16	3	6	333	*	357
19	-	-	-	-	-	-	-
20	15	1,228	11	88	1	*	1,343
21	43	31	124	58	3,135	*	3,392
22	*	*	*	*	-	-	1
23	590	1,355	547	118	2	1	2,612
24	256	331	258	138	1	*	984
25	261	227	195	100	493	*	1,275
26	311	86	223	55	3	*	678
27	812	622	454	327	23	*	2,239
TOTAL	2,654	24,182	2,599	8,198	11,570	3	49,206

FRASER AREA

28	-	-	-	-	-	-	-
29AB	82	6,231	9	449	189	*	6,961
29C	1	63	*	1	-	-	65
29D	24	85	1	8	152	*	270
29E	-	-	-	-	-	-	-
TOTAL	108	6,378	10	457	342	*	7,295
TOTAL B.C.	4,816	42,529	4,316	16,046	17,274	8	84,988

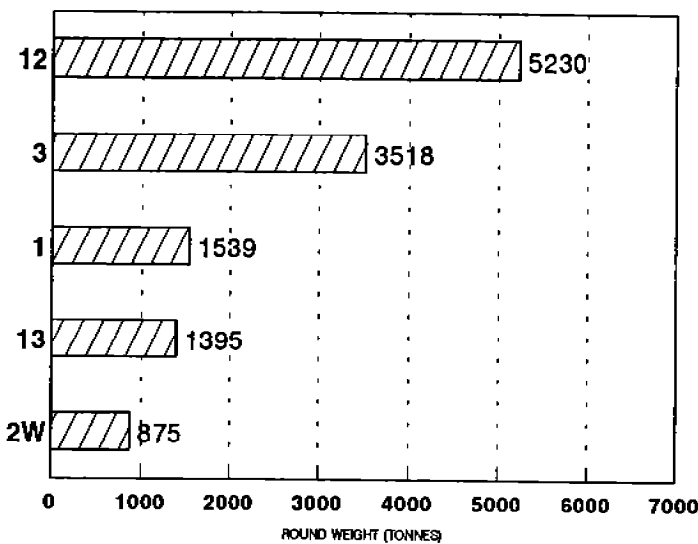
¹ Round weight.
* Less than 500 Kg.

FIVE HIGHEST PRODUCING AREAS OF BRITISH COLUMBIA FOR THE MAJOR SPECIES OF SALMON - 1993



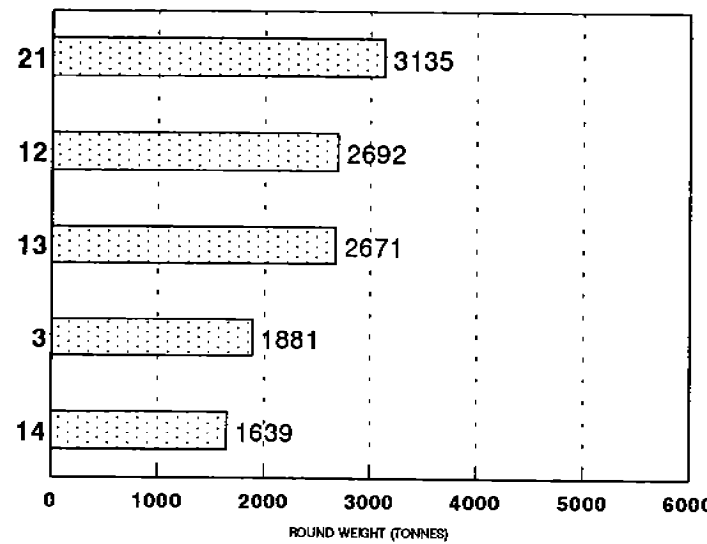
SOCKEYE

AREA



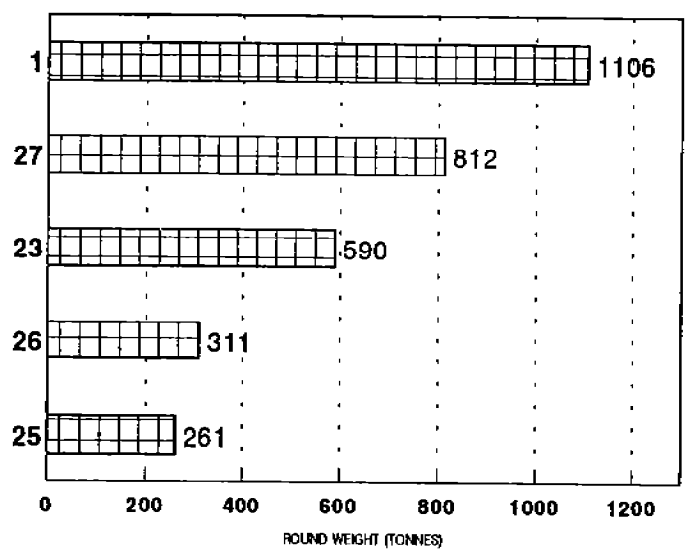
PINK

AREA



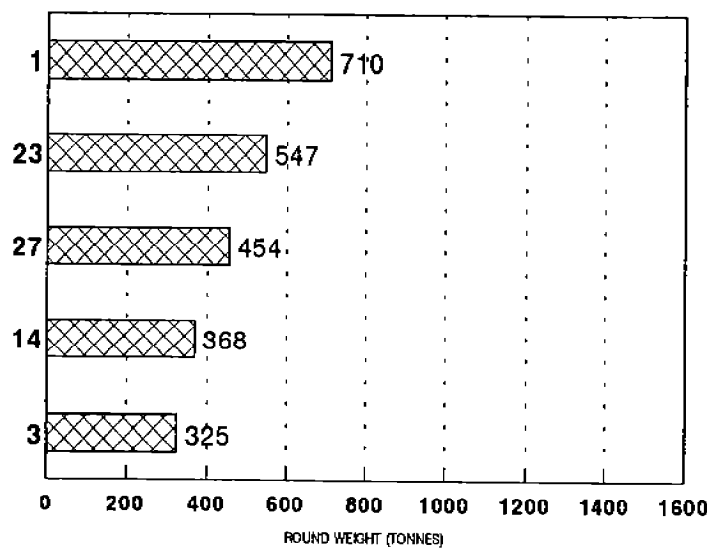
CHUM

AREA



CHINOOK

AREA



COHO

COMMERCIAL SALMON LANDINGS BY REGION, YEAR AND SPECIES
(THOUSANDS OF FISH)
1984 - 1993

BRITISH COLUMBIA

QUEEN CHARLOTTE ISLAND - (AREAS 1-2W)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1984	173	134	414	2,066	438
1985	191	179	460	1,099	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
1990	147	1,085	846	3,468	374
1991	188	295	809	2,439	351
1992	131	220	363	1,397	200
1993	155	1,301	282	1,566	369

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>
1984	57	1,068	280	4,109	481
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
1990	46	1,094	293	2,971	107
1991	62	1,930	369	13,876	246
1992	54	2,728	275	3,924	253
1993	51	3,082	189	2,991	689

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>
1984	43	67	170	923	324
1985	33	220	128	3,690	954
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
1990	41	191	235	5,979	1,057
1991	37	148	92	809	427
1992	38	143	112	3,342	250
1993	21	73	34	288	298

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>
1984	5	77	31	87	16
1985	10	563	24	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
1990	5	299	36	339	24
1991	4	747	25	13	25
1992	8	1,252	36	273	41
1993	3	370	21	15	16

COMMERCIAL SALMON LANDINGS BY REGION, YEAR AND SPECIES
(THOUSANDS OF FISH)
1984 - 1993

PAGE: 21

BRITISH COLUMBIA

JOHNSTONE STRAIT - (AREAS 12, 13)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1984	74	1,163	167	216	65
1985	65	2,766	186	5,363	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
1990	36	2,306	175	3,873	1,197
1991	29	2,199	72	3,923	281
1992	24	1,550	105	1,110	1,364
1993	30	7,184	121	4,084	1,276

STRAIT OF GEORGIA - (AREAS 14-18)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
1984	60	111	76	3	164
1985	41	288	178	135	527
1986	34	95	161	2	373
1987	25	139	185	75	368
1988	13	59	211	2	119
1989	16	198	59	63	104
1990	22	248	111	5	198
1991	22	208	16	134	442
1992	28	156	119	4	558
1993	28	816	247	295	599

JUAN DE FUCA STRAIT (AREA 20)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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
1990	12	3,392	154	3	2
1991	12	1,356	180	1,179	1
1992	16	889	106	1	2
1993	3	521	6	54	0

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>
1984	511	961	2,183	68	346
1985	376	1,491	1,397	1,820	2,091
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
1990	327	1,932	1,867	407	33
1991	264	2,446	1,895	1,375	508
1992	356	600	1,681	123	1,273
1993	304	1,235	957	452	889

FRASER RIVER - (AREAS 28-29D)

<u>YEAR</u>	<u>CHINOOK</u>	<u>SOCKEYE</u>	<u>COHO</u>	<u>PINK</u>	<u>CHUM</u>
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	2,433	11	280	25
1990	16	3,259	14	2	114
1991	15	889	10	135	62
1992	7	269	7	0	51
1993	15	2,776	4	265	80

COMMERCIAL SALMON LANDINGS AND EFFORT BY WEEK, SPECIES AND GEAR
(In Number of Fish and Days Fished)
1993

BRITISH COLUMBIA

	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	20				7		27								
MAY 02 - MAY 08	7						7								
MAY 09 - MAY 15	7						7								
MAY 16 - MAY 22	11						11								
MAY 23 - MAY 29	15						15								
TOTAL MAY	40						40								
MAY 30 - JUN 05	63				2		65			17					
JUN 06 - JUN 12	593				65		658						1		
JUN 13 - JUN 19	1098			26	85		1209			7150			157		
JUN 20 - JUN 26	2735			337	289		3361			72342			3442		
TOTAL JUNE	4489			363	441		5293			79509			3600		
JUN 27 - JUL 03	4175			528	762		5465		12972	197764	1163	214	12808	1	81407
JUL 04 - JUL 10	7455		1004	1	843		9302	1	63031	518741	12793	1507	14660	2	210758
JUL 11 - JUL 17	3662	31	532	1	335	1	4529	33	49047	511849	3412	4967	16530	53	137758
JUL 18 - JUL 24	5475	5524	454	2663	569	370	6498	8557	100782	628328	381169	11741	9796	11470	355681
JUL 25 - JUL 31	3701	7268	323	3907	330	370	4354	11545	48378	528526	655061	2911	16086	37778	230994
TOTAL JULY	24468	12823	2841	6572	2839	741	30148	20136	274210	2385208	1053598	21340	69880	49304	1016598
AUG 01 - AUG 07	4295	3840	899	1076	380	152	5574	5068	64876	701205	1075203	18947	17851	10797	239262
AUG 08 - AUG 14	3436	6140	1143	1725	187	204	4766	8069	22441	1166338	2955438	1020446	12917	22943	51548
AUG 15 - AUG 21	3301	2609	364	731	343	1419	4008	4759	11138	720730	2435475	580105	8927	7754	31263
AUG 22 - AUG 28	1194	92	75	195	48	1	1317	288	28926	271516	5262	10819	4905	2316	86923
TOTAL AUGUST	12226	12681	2481	3727	958	1776	15665	18184	127381	2859789	6471378	1630317	44600	43810	408996
AUG 29 - SEP 04	17043	2561	461	858	333	65	17837	3484	26544	2462466	624035	190906	10956	7531	63877
SEP 05 - SEP 11	12327	681	25	309	144	36	12496	1026	35145	45750	76207	141227	2608	3844	67664
SEP 12 - SEP 18	1289	15		35	63		1352	50	20331	805	64	57233	1275	2039	49606
SEP 19 - SEP 25	169	95	58	125	139	4	366	224	6398	623	3654	17250	2156	8663	21170
TOTAL SEPTEMBER	30828	3352	544	1327	679	105	32051	4784	88418	2509644	703960	406616	16995	22077	202317
SEP 26 - OCT 02	240	5			123		363	5	4304	164		10515	867	653	10604
OCT 03 - OCT 09	148	1	1		143		292	1	152	225		2	308	199	303
OCT 10 - OCT 16	28	1			108		136	1	10	113			275	80	375
OCT 17 - OCT 23	76	2	12		44		132	2		21	2		911	79	
OCT 24 - OCT 30	38	38	3	20	8	2	49	60		235	2		371	1235	
TOTAL OCTOBER	530	47	16	20	426	2	972	69	4466	758	4	10517	2732	2246	11282
TOTAL NOVEMBER	79	7	6	8	99		184	15			9		646	112	
TOTAL DECEMBER	1				5		6								
TOTAL 1993	72681	28910	6251	11654	5454	2624	84386	43188	494475	7834917	8228940	2068790	138453	117549	1639193

1. Troll includes troll freezer.

COMMERCIAL SALMON LANDINGS AND EFFORT BY WEEK, SPECIES AND GEAR
(In Number of Fish and Days Fished)
1993

BRITISH COLUMBIA

	PINK			CHUM			STEELHEAD			TOTAL LANDINGS		DAYS FISHED			
	Gill Net	Seine	Troll	Gill Net	Seine	Troll	Gill Net	Seine	Troll	Net	Troll	Gill Net	Seine	Troll	Tr. Fr.
TOTAL JANUARY															
TOTAL FEBRUARY															
TOTAL MARCH															
TOTAL APRIL							2			29		16			
MAY 02 - MAY 08										7		4			
MAY 09 - MAY 15										7		4			
MAY 16 - MAY 22										11		6			
MAY 23 - MAY 29										15		3			
TOTAL MAY										40		17			
MAY 30 - JUN 05										82		8			
JUN 06 - JUN 12				20						679		79			
JUN 13 - JUN 19	2			554			2			9074		458			
JUN 20 - JUN 26	269			5154			15			84583		1462			
TOTAL JUNE	271			5728			17			94418		2007			
JUN 27 - JUL 03	10419	241	538	21067	107	293	17		4	249052	95428	2420	2	1081	7
JUL 04 - JUL 10	69654	70	22487	73062	38	7353	76		28	698399	305164	4809	3	6346	136
JUL 11 - JUL 17	168963	2492	93886	63619	498	26812	104		29	772082	312499	4730	12	3833	823
JUL 18 - JUL 24	79434	270185	173528	52094	73929	57550	97	66	41	1521623	699323	5360	911	6149	3114
JUL 25 - JUL 31	118488	1064473	214637	64168	183269	29470	117	117	40	2683982	526430	5187	1598	4506	2002
TOTAL JULY	446958	1337461	505076	274010	257841	121478	411	183	142	5925138	1938844	22506	2526	21915	6082
AUG 01 - AUG 07	106369	673509	466051	56618	69869	56082	239	61	42	2722363	845260	5754	762	4656	3715
AUG 08 - AUG 14	145467	1145088	422189	68539	41334	16152	227	61	12	5571187	1532788	6262	1025	5913	1788
AUG 15 - AUG 21	70730	1052497	276411	34555	15661	9880	117	31	6	4355244	908803	5608	654	3172	1313
AUG 22 - AUG 28	72013	154113	110529	32494	25060	8808	83	27	35	569394	246040	1760	59	4253	254
TOTAL AUGUST	394579	3025207	1275180	192206	151924	90922	666	180	95	13218188	3532891	19384	2500	17994	7070
AUG 29 - SEP 04	245939	1326802	465790	32347	29622	23047	23	13	23	4761055	770187	7646	876	4525	1252
SEP 05 - SEP 11	47928	350924	357598	12801	46616	22215	79		21	600279	623870	1293	464	4378	1594
SEP 12 - SEP 18	1860	2730	182523	14863	45413	15873	20		21	70471	325587	325	66	2638	1763
SEP 19 - SEP 25	2949	72627	54918	34982	95446	2943	26	5	1	221721	102680	842	447	1108	966
TOTAL SEPTEMBER	298676	1753083	1060829	94993	217097	64078	148	18	66	5653526	1822324	10106	1853	12649	5575
SEP 26 - OCT 02	1147	342	26753	70226	11049	9695	17		1	84833	61872	1408	45	833	535
OCT 03 - OCT 09	696		59	85709	9800	238	12		2	97242	756	1475	10	31	30
OCT 10 - OCT 16	654	27	20	97882	21404		11			120583	405	1047	98		20
OCT 17 - OCT 23	25	6		122636	68346		1			192161		1025	80		
OCT 24 - OCT 30	9	52		177925	1004368		7	6		1184319		1452	820		
TOTAL OCTOBER	2531	427	26832	554378	1114967	9933	48	6	3	1679138	63033	6407	1053	864	585
TOTAL NOVEMBER	21	5		506432	525397		11	1		1032833		2952	551		
TOTAL DECEMBER				39784			4			39794		287			
TOTAL 1993	1143036	6116183	2867917	1667531	2267226	286411	1307	388	306	27643104	7357092	63682	8483	53422	19312

1. Troll includes troll freezer.

COMMERCIAL HERRING & GROUND FISH LANDINGS BY SPECIES, GEAR AND MONTH
(In Tonnes¹)
1993

BRITISH COLUMBIA

	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	TOTAL
	JAN 01 JAN 30	JAN 31 FEB 27	FEB 28 MAR 27	MAR 28 MAY 01	MAY 02 MAY 29	MAY 30 JUN 26	JUN 27 JUL 31	AUG 01 AUG 28	AUG 29 SEP 25	SEP 26 OCT 30	OCT 31 NOV 27	NOV 28 DEC 31	
ROE ON KELP			5.6	267.6	0.7								274.0
HERRING ROE GILL NET			9099.6	6150.5									15250.1
SEINE			20587.0	4099.8									24686.8
FOOD GILL NET											272.2	215.9	488.1
SEINE													
TRAWL													
BAIT GILL NET													
SEINE	70.6						1.9				97.5	369.4	539.5
TRAWL													
POND GILL NET													
SEINE	1.8			9.3	14.2	8.1	21.9	13.1	8.9	4.9			82.3
HERRING UNSPEC. OTHER								0.4	0.4	0.1			0.9
HALIBUT LARGE LONGLINE			89.1	115.6	112.3	16.4	69.3	22.7	20.0	53.6	9.0		508.1
TROLL							2.9	2.0		1.3			6.3
MEDIUM LONGLINE			746.7	926.2	796.6	221.3	638.8	125.9	160.1	460.2	31.7		4107.3
TROLL							18.7	5.4	7.5				31.6
CHIX LONGLINE			*	*	25.3	6.6	6.7				2.1		40.8
TROLL													
NO. 2 LONGLINE			12.6	13.7	12.6	2.6	12.9	0.7	1.9	4.0	*		61.0
TROLL									*				*
MIXED LONGLINE			14.2	1.1	2.0			3.9	10.0	7.5	0.8		39.6
TROLL				1.1			0.4	0.1					1.5
SOLE BRILL TRAWL	90.3	101.4	41.0	73.6	30.2	43.5	55.2	22.6	35.5	52.1	31.3	4.6	581.3
BUTTER TRAWL			1.2	1.1	2.5	4.9			0.1	1.0	6.8	0.4	18.1
DOVER TRAWL	163.6	538.1	399.8	1137.4	305.0	276.4	299.5	180.1	207.9	320.1	185.7	31.3	4044.7
LEMON TRAWL	54.5	130.1	129.0	219.5	253.7	184.5	185.4	106.7	147.2	147.1	143.2	68.2	1769.1
REX TRAWL	4.4	20.6	5.8	43.0	14.5	24.9	16.7	11.0	20.2	34.4	37.3	13.7	246.5
ROCK TRAWL	53.1	111.0	124.2	446.3	438.3	597.6	427.6	152.4	195.3	305.6	103.6	57.9	3012.9
MIXED TRAWL	5.0	14.1	16.5	35.0	25.7	40.3	17.3	7.4	28.8	22.5	13.2	4.9	230.9
TOTAL TRAWL	370.9	915.4	717.6	1955.9	1069.9	1172.2	1001.6	480.1	634.9	882.8	521.1	181.1	9903.4
OTHER	1.1	0.6	0.1	0.1	0.3	6.5	*	*	0.1	2.0	0.5	1.8	13.2
LINGCOD TROLL	2.9	6.0	2.6	9.9	49.5	69.1	85.8	42.5	115.4	228.3	53.9	9.2	674.9
LONGLINE	9.6	16.5	43.0	90.6	107.1	71.5	91.6	38.2	69.1	226.2	22.8	1.3	787.4
TRAWL	49.1	146.2	113.6	156.3	405.7	445.2	827.7	249.7	513.2	509.1	289.8	50.8	3756.3
OTHER	*				0.2	0.1	0.2	0.1	*	3.3	6.4	5.3	15.7
PACIFIC COD TROLL			0.1	0.1			*						0.1
TRAWL	270.8	1401.3	885.1	1416.5	1267.7	1104.4	554.1	298.1	361.9	317.7	171.0	65.0	8113.7
MIDWATER TRAWL	1.0	0.2			0.1		0.2			1.6	0.7	1.4	5.0
OTHER	0.5	0.1	0.2	0.2	0.1	0.9	0.1	0.6	*	0.6	*	0.3	3.8
SABLEFISH LONGLINE			49.2	6.2	30.0	45.9	15.0	66.2	42.9	119.3	39.1	10.4	424.2
TRAWL	16.9	79.2	33.1	41.6	34.3	47.1	72.1	25.5	31.7	123.2	28.8	6.4	539.9
TRAP	273.9	434.7	425.2	462.3	361.8	555.4	271.2	187.3	189.0	745.8	407.9	29.9	4344.4
OTHER					0.1		0.1	*	0.2	1.1	*		1.5

1. Halibut landings are reported as dressed weight, head off.
All other fish are reported as round weight.
2. Troll includes troll freezer and handline.
3. Other includes more than one gear type.
4. * indicates less than 50 Kg.

COMMERCIAL HERRING & GROUND FISH LANDINGS BY SPECIES, GEAR AND MONTH
(In Tonnes¹)
1993

BRITISH COLUMBIA

		JAN. JAN 01 JAN 30	FEB. JAN 31 FEB 27	MAR. FEB 28 MAR 27	APR. MAR 28 MAY 01	MAY MAY 02 MAY 29	JUN. MAY 30 JUN 26	JUL. JUN 27 JUL 31	AUG. AUG 01 AUG 28	SEP. AUG 29 SEP 25	OCT. SEP 26 OCT 30	NOV. OCT 31 NOV 27	DEC. NOV 28 DEC 31	TOTAL
PACIFIC OCEAN PERCH	TRAWL	343.5	204.0	70.5	347.8	454.7	1317.2	402.7	115.6	142.9	900.9	155.6	55.9	4511.3
	MIDWATER TRAWL	2.5	1.8			1.9	0.1	0.2		2.9	80.8	*	4.5	94.6
	OTHER		1.7		*	*	0.1	*	*	1.7	*			3.5
REEDI ROCKFISH	TRAWL	218.0	63.6	84.3	78.8	104.5	160.1	86.1	8.7	20.7	163.6	46.9	8.5	1043.6
	MIDWATER TRAWL	24.0	5.4		6.4	3.2	7.9	5.4		1.7	35.4	4.3	2.3	95.9
	OTHER						0.2				0.3			0.5
GREENIES	TRAWL	477.9	511.0	53.0	176.2	483.3	403.9	418.1	188.1	184.5	535.6	108.6	47.8	3588.0
	MIDWATER TRAWL	129.6	63.9	5.8	53.5	60.0	49.2	50.0	36.7	78.1	754.3	52.7	20.4	1354.1
	OTHER	0.1	0.9	0.8	2.3	0.9	0.4	1.3	1.5	0.4	1.5	0.1	0.1	10.3
UNSPECIFIED ROCKFISH	TROLL	4.0	11.5	9.3	8.7	18.4	26.4	62.1	52.3	38.6	49.0	9.0	5.7	294.9
	LONGLINE	8.8	36.5	47.3	93.1	80.4	65.3	77.4	41.0	52.9	67.9	5.2	1.7	577.7
	TRAWL	863.8	759.0	403.3	1102.0	1094.4	1106.9	983.3	461.1	681.2	1707.1	801.9	290.4	10254.4
	MIDWATER TRAWL	230.1	41.0	1.8	73.9	74.4	64.7	95.4	27.7	110.3	892.4	59.7	39.1	1710.6
	OTHER				0.2		1.8		1.5			0.2	*	3.7
RED SNAPPER	TROLL	0.7	3.8	1.8	5.5	16.5	19.3	22.8	11.6	11.9	24.8	0.9	1.1	120.5
	LONGLINE	10.4	59.9	77.4	156.3	127.3	82.1	143.0	62.6	91.0	149.7	9.4	6.4	975.5
	TRAWL	0.2	*				0.1		0.7		*			1.0
	OTHER						*					1.0		1.0
FLOUNDER	TRAWL	8.2	8.9	2.5	11.4	24.9	5.9	9.1	7.2	11.7	6.7	3.0	7.1	106.7
	OTHER	*					1.2		*	*				1.3
SKATE	TRAWL	6.0	31.7	23.3	47.1	28.6	44.2	17.3	5.8	10.9	15.3	11.9	1.8	243.9
	MIDWATER TRAWL	*	*										*	0.1
	LONGLINE	*	0.7	0.1	0.8	0.1	0.4	0.1	0.1	0.3	0.7	0.2	1.3	4.8
	OTHER			0.3			*	0.1			0.2			0.6
IDIOT FISH	TRAWL	14.0	50.2	42.7	91.5	48.6	69.1	41.2	18.3	16.9	65.4	37.8	30.2	525.9
	LONGLINE			1.0	0.8	0.2		*	*	0.6	0.8	0.1		3.6
	OTHER	*									0.3	*	0.3	0.6
SILVER PERCH	TRAWL										*			*
	OTHER				0.6	0.4	0.8		*		0.6			2.5
TURBOT	TRAWL	120.1	299.8	160.0	498.8	1025.1	505.6	446.7	155.4	343.8	353.7	116.9	41.4	4067.4
	OTHER			65.0						0.1				65.1
POLLOCK	TRAWL	56.5	90.4	68.7	25.4	56.5	47.4	187.1	180.7	227.1	311.8	430.3	1003.5	2685.4
	MIDWATER TRAWL	335.8	1515.8	1026.5	215.2	16.1		3.3	17.5	27.5	171.4	1498.3	607.9	5435.3
	OTHER						0.3							0.3
DOGFISH	TRAWL	0.5	2.0	13.8	20.5	6.0	0.1		3.9	6.4	0.1	1.3	1.3	55.8
	MIDWATER TRAWL		84.1	1.9	1.9	2.5	1.4	7.2	5.0	3.2	1.3	0.3		108.9
	LONGLINE	13.8	45.8	108.0	37.6	40.3	73.3	34.3	4.8		83.2	98.3	104.5	643.8
	OTHER				3.8	0.8	5.9	4.4	1.1	1.2	3.9	0.5	0.1	21.8
HAKE	TRAWL									121.8				121.8
	MIDWATER TRAWL		454.6	1551.3	874.7	427.4	1250.2	1507.8	2045.0	3094.7	2903.2	1967.1		16076.1
	OTHER													
SHARK		2.4	*			1.0	4.2	0.5	*					8.1
OTHER GROUND FISH		*	0.1	*	*	*	*	0.7	0.6	0.4	0.9	0.2	0.4	3.5
TOTAL		3940.0	7348.0	36645.0	19659.5	8489.0	9088.9	8301.2	5016.7	7452.7	12977.7	7374.7	3232.0	129525.5

1. Halibut landings are reported as dressed weight, head off.
All other fish are reported as round weight.
2. Troll includes troll freezer and handline.
3. Other includes more than one gear type.
4. * indicates less than 50 Kg.

COMMERCIAL SHELLFISH & OTHER FISH LANDINGS AND EFFORT BY SPECIES, GEAR AND MONTH
 (In Tonnes¹ and Days Fished)
 1993

BRITISH COLUMBIA

	JAN. JAN 01 JAN 30	FEB. JAN 31 FEB 27	MAR. FEB 28 MAR 27	APR. MAR 28 MAY 01	MAY MAY 02 MAY 29	JUN. MAY 30 JUN 26	JUL. JUN 27 JUL 31	AUG. AUG 01 AUG 28	SEP. AUG 29 SEP 25	OCT. SEP 26 OCT 30	NOV. OCT 31 NOV 27	DEC. NOV 28 DEC 31	TOTAL
SQUID OTHER SEINE TRAWL	*		0.1		6.7	3.9			2.3		*		12.8
OTHER (2)		0.2	0.2			*							0.1
PLANKTON MIDWATER TR. OTHER (2)		20.9									11.2	20.5	52.6
OCTOPUS DIVING TRAWL TRAP	2.3 0.8	6.4 1.7	5.6 1.2	10.9 2.1	0.4 2.7	2.1 2.2	3.9 1.1	1.0 1.1	3.3 3.0	11.1 9.0	8.8 7.9	11.7 1.6	67.6 34.5
HOOK & LINE (3) OTHER (2)	*	0.5 0.1	0.6 0.3	* 2.4	0.6 3.3	0.3 6.0	1.9 3.5	1.3 2.4	0.8 2.8	2.0 5.1	0.3 2.3	0.1 0.8	11.5 28.9
SEA URCHIN DIVING	959.6	921.8	837.8	1369.1	921.4					266.9	772.6	1052.9	7102.1
PRAWNS SHRIMP TRAWL TRAP	* 0.4	0.1	0.1	0.5 252.6	0.3 225.1	0.4 190.5	0.5 166.5	0.1 80.7	0.1 95.5	2.0 148.8	0.2 41.9	0.1 8.6	4.4 1210.6
SHRIMP SHRIMP TRAWL TRAP	18.6	115.2	135.6	236.5 1.8	395.7 2.8	492.8 5.5	481.8 2.1	432.8 1.6	327.9 2.0	428.3 4.5	141.1 3.2	47.8 4.9	3254.2 28.5
DAYS FISHED SH TRAWL SHRIMP & PRAWN TRAP	89 5	344 3	396 7	787 3251	545 3047	553 2787	332 2739	178 1300	344 1756	807 2961	388 911	506 351	5269 19118
CLAMS (4) RAZOR BUTTER MANILA NATIVE LITTLENECK MIXED	15.6 27.6 8.6 5.2	19.2 70.2 17.3 10.3	41.9 79.8 12.7 9.7	3.0 123.7 11.9 13.9	0.1 104.2 15.9 9.8	0.1 92.9 11.1 11.3	38.4 58.7 6.9 12.4	1.9 59.4 5.0 8.2	2.6 52.7 4.5 7.3	2.9 106.8 9.2 10.6	8.0 76.2 16.1 9.9	7.2 102.1 11.6 12.2	43.5 102.4 130.8 120.8
ABALONE DIVING DAYS FISHED ABALONE													
CRAB TRAWL TRAP	54.4	70.3	123.6	567.2	733.6	981.8	1265.3	706.9	472.8	753.9	371.0	205.9	6306.5
DAYS FISHED TRAWL CRAB TRAP	400	490	674	1364	1317	1788	2540	2044	2123	2403	1269	1079	17491
GEODUCK CLAMS DIVING HORSE CLAMS (2) LITTLENECK DREDGE	178.3 1.2	141.2	203.2	284.4 *	253.4 0.2	231.8 13.5	188.1 2.1	146.9 0.6	153.7 1.7	257.1 0.2	203.1 1.4	214.1 2.2	2455.4 23.2
MUSSELS HAND GOOSE BARNACLES HAND SCALLOPS (2) SNAILS HAND, DIGGING CRAYFISH (2) SEA CUCUMBER DIVING NON-FOOD FISH (2) EULACHON OTHER GN HAGFISH TRAP OTHER (2) STURGEON GN OTHER (2) TUNA HOOK & LINE (3) SMELT OTHER GN ANCHOVIES OTHER SEINE FRESHWATER OTHER GN FISH OTHER (2) MACKEREL (2) OTHER FISH (2)	2.6 5.9	1.5 6.3	2.1 6.0	1.7 11.8	3.9 5.6	3.7 6.2	4.1 9.1	1.8 6.3	1.9 7.6	3.1 9.1	1.8 6.0	1.8 9.9	30.0 89.8
TOTAL WEIGHT	1281.8	2224.7	1470.9	2917.8	2701.5	2080.0	2263.9	1497.6	1345.8	2211.7	1720.9	1734.4	23451.0

1. Landings are reported as round weight.
2. Includes more than one type of gear or harvesting method.
3. May include troll, troll freezer, handline or longline gear.
4. Harvested by digging.
5. * indicates less than 50 Kg.

COMMERCIAL EFFORT BY GEAR AND MONTH
(In Days Fished or Deliveries)
1993

BRITISH COLUMBIA

	JAN. JAN 01 JAN 30	FEB. JAN 31 FEB 27	MAR. FEB 28 MAR 27	APR. MAR 28 MAY 01	MAY MAY 02 MAY 29	JUN. MAY 30 JUN 26	JUL. JUN 27 JUL 31	AUG. AUG 01 AUG 28	SEP. AUG 29 SEP 25	OCT. SEP 26 OCT 30	NOV. OCT 31 NOV 27	DEC. NOV 28 DEC 31	TOTAL
SALMON GILL NET				16	17	2,007	22,506	19,384	10,106	6,407	2,952	287	63,682
SEINE							2,526	2,500	1,853	1,053	551		8,483
TROLL							21,915	17,994	12,649	864			53,422
TROLL FREEZER							6,082	7,070	5,575	585			19,312
NON-SALMON (1)				5			11	38	257	474	51	13	849
HERRING GILL NET (2)			1,047	669									1,716
SEINE (2)	3		447	135	77	34	64	31	20	42	8	14	875
TRAWL													
LONGLINE	102	308	983	1,163	1,370	711	1,004	436	763	1,501	189	143	8,673
TRAWL	361	883	454	942	1,028	1,056	817	360	539	964	423	221	8,048
MIDWATER TRAWL	57	118	85	44	25	31	46	46	63	142	115	63	835
SHRIMP TRAWL	89	344	396	787	545	553	332	178	344	807	388	506	5,269
CLAM DREDGE													
SCALLOP DREDGE	3	2	8	13	12	7	2	6	5	4	3	20	85
BEACH SEINE				6	5	5				3			19
OTHER SEINE					3	8			26	18			55
OTHER GILL NET				167	57	27	1	36	72	6			366
DIP NET													
PRAWN TRAP	5	3	7	3,251	3,047	2,787	2,739	1,300	1,756	2,961	911	351	19,118
CRAB TRAP	400	490	674	1,364	1,317	1,788	2,540	2,044	2,123	2,403	1,269	1,079	17,491
OTHER TRAP	30	103	85	252	193	171	194	144	93	305	116	18	1,704
DIVING	1,020	1,274	724	1,194	784	386	435	262	287	595	1,169	1,401	9,531
DIGGING & HAND	367	915	1,162	1,309	1,197	1,005	1,687	537	504	1,331	880	1,029	11,923
HANDLINE	45	136	97	135	322	676	1,142	1,011	1,054	1,794	364	95	6,871

1. Non-salmon species caught on salmon gear.
2. Denotes deliveries.

1993 COMMERCIAL LICENCE STATUS REPORT
PACIFIC REGION
(FINAL)

A. LIMITED ENTRY LICENCES

CATEGORY:	LICENCE ELIGIBILITY	ISSUED TO 94-03-31	% OF TOTAL
SALMON	A	3624	99.94
	A -Seine	538	99.63
	B	1	100.00
	N	254	100.00
SCHEDULE II	C	717	88.15
ABALONE	E	26	0.00
GEODUCK HORSECLAM	G	55	100.00
ROE HERRING	H-Gillnet	1327	100.00
	H-Seine	252	100.00
HERRING SPAWN ON KELP	J	39	100.00
SABLEFISH	K	48	100.00
HALIBUT	L	435	99.77
CRAB	R	226	98.67
SHRIMP TRAWL	S	249	100.00
GROUND FISH TRAWL	T	142	100.00
SHRIMP & PRAWN BY TRAP	W	260	100.00
GREEN SEA URCHIN	Z-A	49	100.00
RED SEA URCHIN	Z-C	109	100.00
SEA CUCUMBER	Z-D	85	98.82
EUPHAUSIID (ZOOPLANKTON)	Z-F	19	100.00
ROCKFISH - INSIDE	Z-N(A)	74	98.65
ROCKFISH - OUTSIDE	Z-N(B)	178	100.00
		8707	98.61

B. UNLIMITED LICENCES

CATEGORY:	ISSUED TO 93-12-31	TOTAL ISSUED IN 1992
PACKING	194	190
PROCESSOR	6	11
EXPORT	19	30
EXPERIMENTAL	33	
FISHING WITH VESSEL:		
SQUID SPECIES	47	47
PINK/SPINY SCALLOP-DIVING	35	63
OCTOPUS BY TRAP	175	199
OCTOPUS BY DIVING	71	73
ANCHOVY	15	21
SURF AND PILE PERCH	36	46
FOOD HERRING	16	22
SIX-GILL SHARKS	31	34
PINK/SPINY SCALLOP (TRAWL)	44	0
	470	505

FISHING WITHOUT VESSEL:		ISSUED TO 93-12-31	TOTAL ISSUED IN 1992
		-----	-----
CLAM	Z - 2	1639	1814
GOOSE BARNACLE	Z - 6	105	125
SMELT	Z - 8	120	93
EULACHON	Z - 9	2	5
		-----	-----
		1866	2037
		=====	=====

C. SALMON - AREA ELECTIONS:

	A-TROLL	A-COMB.	A-GILLNET	B	N	TOTAL
	-----	-----	-----	-----	-----	-----
INSIDE - FULL FEE	135	92	0	0	0	227
- REDUCED FEE	7	7	0	1	0	15
OUTSIDE - FULL FEE	530	1657	702	0	0	2889
-REDUCED FEE	32	335	125	0	254	746

D. SALMON VESSELS BY GEAR TYPE:

CATEGORY	GILLNET	TROLL	COMB.	SEINE
-----	-----	-----	-----	-----
A -FULL FEE	702	666	1748	474
A -REDUCED FEE	125	39	342	62
B	0	1	0	0
N	0	0	254	0
TOTAL:	827	706	2344	536
	=====	=====	=====	=====

**** TOTAL NUMBER OF SALMON LICENCES RETIRED THIS YEAR: 74
 (GILLNET: 10, TROLL: 21, COMBINATION: 33, SEINE: 11)

E. ROE HERRING - AREA ELECTIONS:

AREA	GILLNET		SEINE	
	HG	HG(I)	HS	HS(I)
-----	-----	-----	-----	-----
QCI - WEST (Q)			16	1
QCI - EAST (E)			28	9
PR. RUPERT (P)	195	67	15	3
CENTRAL (C)	86	49	64	21
GULF - SEINE			25	7
GULF - SINGLE (G)	202	62		
GULF - DOUBLE (D)	233	64		
W.C.V.I. (W)	14	6	40	10
INACTIVE FOR DOUBLE (I)	237	60		
FOR ROE-ON-KELP	5	42		
CHARTERED VESSELS	5		12	1
TOTAL:	977	350	200	52
	=====	=====	=====	=====

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F. CLAM - AREA ELECTIONS:

A	11
B	314
C	199
D	533
E	387
F	134
G	61

TOTAL:	1639
=====	

G. CRAB - AREA ELECTIONS:

A	26
B	39
C	52
D	44
E	62

TOTAL:	223
=====	

H. GEODUCK - AREA ELECTIONS:

G - GULF	12
N - NORTH COAST	24
W - WCVI	19

TOTAL:	55
=====	

I. HERRING SPAWN ON KELP:

J - FULL FEE	12
J - REDUCED FEE	27

TOTAL:	39
=====	

J. TOTAL NUMBER OF LICENCED VESSELS: 5835

K. FISHERS REGISTRATION CARDS:

ANNUAL:	11841	5 YEAR:	7837	TOTAL:	19678
		(VALID FOR 1993)			

L. REVENUE FROM COMMERCIAL LICENSING AS AT 94-03-31 \$5,087,830.97

SOURCE: VESSEL AND PERSON STATISTICS REPORT AND LICENCE REVENUE REPORT

94-03-31

PREPARED BY: DARIUS YU