



**South Coast Assessment Bulletin
2020 Creel Survey Update
Recreational Fishery South Coast Tidal Waters**

Overview:

This bulletin provides a final review of the 2020 estimates of recreational fishing effort and fin-fish catch by month in the marine waters of southern British Columbia (Pacific Fishery Management Areas 11 through 29 and 121 to 127). These estimates are generated from data collected by DFO's South Coast Creel Survey, paper and electronic logbooks and lodge manifests. A brief overview of the survey, the study area and methods used to collect data and generate these estimates are provided in the first bulletin of 2020 available on the Federal Science Library

<http://science-libraries.canada.ca/eng/home/>

The search term "South Coast assessment bulletin, creel survey" is helpful to find the bulletins

The Department of Fisheries and Oceans would like to take this opportunity to thank everyone who took the time to participate in our recreational catch estimate programs in 2020. The data you provided during creel survey interviews, recorded in logbooks, or was submitted for you by fishing lodge staff are very much appreciated - Thank you!

Recreational Fishery Links:

It is your responsibility to know the current fishing regulations prior to fishing. A listing of recreational fishing regulations can be viewed at the Fisheries and Oceans Canada Pacific Region Recreational Fishery webpage:

<http://www.pac.dfo-mpo.gc.ca/fm-gp/rec/index-eng.html>

In addition, Fisheries and Oceans fishery notices of in-season regulation updates can be viewed at:

<http://notices.dfo-mpo.gc.ca/fns-sap/index-eng.cfm>

Creel Survey Data:

The number of angling trip interviews and effort flights conducted by month and area are presented in Table 1 and 2, respectively. Estimates of recreational effort, measured in boat trips, by area and month are presented in Table 4. A map of Pacific Fishery Management Areas is in the British Columbia Tidal Waters Sport Fishing Guide.

Recreational Catch Estimates:

Final post season estimates of kept and released catch for key finfish species (or groups of species) are presented in a series of Tables attached to this document. Each of the tables presents catch estimates partitioned by both creel area and month as well as rolling up the estimates into regional totals. The regional groupings are 1.) North Island (PFMAs 11, 111, 12) 2.) West Coast of Vancouver Island - WCVI (PFMAs 20-1 to 20-4, 21, 121, 23- 27, 123-127), 3.) Strait of Georgia (PFMAs 13 - 18, 19-7 to 19-12, 28, 29) and 4.) Juan de Fuca (PFMAs 19-1 to 6, 20-5). In addition these tables sum the 2019 estimates by creel area and regional grouping and provide the 5-year average estimate for the same areas for comparison. The tables containing blank cells indicate areas and times not surveyed. Percent standard error (%SE, a measure of uncertainty) is presented for estimates where it is calculated. Tables present kept and released catch estimates for: Chinook (Tables 5 and 6; Chinook kept catch is also partitioned to aggregate abundance-based management (AABM) and individual stock-based management (ISBM) groupings in Table 3), Coho (7 and 8), Chum (9 and 10), Pink (11 and 12), Sockeye (13 and 14), Halibut (15 and 16), Lingcod (17 and 18), combined China, Copper, Quillback, Tiger and Yelloweye rockfish (19 and 20), and other rockfish (including identified rockfish other than the five in Table 19 and 20 as well as those unidentified to species; Tables 21 and 22).

Chinook Non-Retention:

In 2020, much of the South Coast was closed for chinook retention for portions of the season to conserve early-timed Fraser Chinook. Retention of Chinook Salmon was permitted in portions of specific management areas due to historically low catches of Fraser River Chinook. Chinook catch during non-retention month/areas reflect catch from these small areas.

Contacts:

For additional information on the South Coast Creel Survey Programs, please contact:

Johnstone Strait and North Island Surveys (PFMA's 11, 12, 27, 111 & 127)

Pieter Van Will - Program Head, Johnstone Strait Salmon Stock Assessment
Pieter.VanWill@dfo-mpo.gc.ca
250-949-9273

Strait of Georgia Survey (PFMA's 13 – 20, 28 & 29)

Kevin Pellett– Program Head, Strait of Georgia Salmon Stock Assessment
Kevin.Pellett@dfo-mpo.gc.ca
250-756-7273

West Coast Vancouver Island Survey (PFMA's 20 – 26 & 121 – 126)

Karin Mathias - Biologist, WCVI Salmon Stock Assessment
Karin.Mathias@dfo-mpo.gc.ca
250-714-4304

All South Coast Area

Wilf Luedke - Area Chief South Coast Salmon Stock Assessment
Wilf.Luedke@dfo-mpo.gc.ca
250-756-7222

Table 1: Number of Creel Survey Interviews by Pacific Fishery Management Area (PFMA), 2020.

PFMA	Jan- uary	Febru- ary	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	Total	5 Yr. Avg.
Area 11						67	121	175					363	277
Area 111						20	56	10					86	4
Area 12						77	569	577					1223	1989
Area 13						36	250	296	182	39			803	943
Area 14						14	282	315	235	39			885	818
Area 15						17	117	131	6				271	87
Area 16						10	86	68	22				186	26
Area 17						79	220	204	168				671	499
Area 18			20			32	31	54	42	11			190	213
Area 19 (GS)			26			32	51	78	34	27			248	282
Area 19 (JDF)			7			83	76	159	124	107			556	1002
Area 20 (East)			18			124	230	439	340	180			1331	1422
Area 20 (West)						77	431	547	230				1285	1050
Area 21						44	101	25	4				174	67
Area 121						40	129	109	18				296	244
Area 23 (Alberni Canal)						1	257	255	111				624	927
Area 23 (Barkley)						10	229	326	91				656	807
Area 123							148	139	23				310	450
Area 24							214	221	44				479	262
Area 124							63	108	31				202	259
Area 25						128	623	626					1377	1412
Area 125						9	55	44					108	262
Area 26						7	30	16					53	27
Area 126							26	27					53	121
Area 27						147	432	372					951	706
Area 127						27	85	72					184	334
Area 28						1	67	86	71				225	191
Area 29						3	39	30	89				161	209
Juan de Fuca	0		25			207	306	598	464	287	0	0	1887	2424
North Island	0	0	0	0	0	164	746	762	0	0	0	0	1672	2270
Strait of Georgia	0	0	46	0		224	1143	1262	849	116	0	0	3640	3268
WCVI	0	0	0	0	0	490	2823	2887	552	0	0	0	6752	6928
All Areas			71			1085	5018	5509	1865	403			13951	14890

Table 2: Number of aerial and on-water effort counts by Pacific Fishery Management Area (PFMA), 2020.

PFMA	January	February	March	April	May	June	July	August	September	October	November	December	Total	5 Yr. Avg.
Area 11						5	6	7					18	19
Area 111						5	6	6					17	14
Area 12						5	6	7					18	20
Area 13					6	10	13	10	8	6			53	47
Area 14					6	10	12	10	8	6			52	46
Area 15						10	12	10	8				40	24
Area 16						10	12	10	7				39	23
Area 17					6	10	13	10	7				46	24
Area 18					6	10	13	10	7				46	24
Area 19 (GS)			6	6	6	10	13	10	8	6			65	62
Area 19 (JDF)			6	6	6	10	13	8	8	6			63	61
Area 20 (East)			6	6	6	9	11	9	8	6			61	58
Area 20 (West)					4	14	10	8	6				42	28
Area 21						9	7	5	5				26	26
Area 121						9	7	8	4				28	25
Area 23 (Alberni Canal)						10	8	10	6				34	39
Area 23 (Barkley)						10	8	10	6				34	29
Area 123						9	6	9	6				30	27
Area 24						9	6	9	6				30	27
Area 124						9	7	9	6				31	27
Area 25						5	8	9					22	21
Area 125						6	8	10					24	19
Area 26						4	9	12					25	15
Area 126						5	9	12					26	16
Area 27						5	8	8					21	20
Area 127						4	7	8					19	18
Area 28						10	13	10	7				40	37
Area 29						10	13	10	7				40	38
Juan de Fuca			6	6	6	10	12	9	8	6			62	60
North Island						5	6	7					18	19
Strait of Georgia			6	6	6	10	13	10	7	6			47	37
WCVI					4	8	8	9	6				28	24

Table 3: Final recreational kept Chinook catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020, divided into Aggregate Abundance-based Management (AABM) and Individual Stock-based Management (ISBM) groupings.

PFMA	AABM					ISBM					Total	
	June	July	August	September	Total	June	July	August	September	Total		
Area 11						691 ¹	1193	840			2724	2724
Area 111						171 ¹	380				551	551
Area 12						450 ¹	960	1400	332 ¹		3142	3142
Area 13							4687	7067	1801		13555	13555
Area 14							3357	5075	1928		10360	10360
Area 15							662	436	584 ¹		1682	1682
Area 16							1540	639			2179	2179
Area 17							612	538	243		1393	1393
Area 19 (JDF)								559	309		868	868
Area 20 (East)							121	5026	883		6030	6030
Area 20 (West)							843	4708	791		6342	6342
Area 21	192 ¹	321			513			197			197	710
Area 121		529	1161		1690							1690
Area 23 (Alberni Canal)	139 ¹				139			4971	432		5403	5542
Area 23 (Barkley)	1772 ¹	3069			4841			10273	995		11268	16109
Area 123	136 ¹	2374	3132	247	5889							5889
Area 24	123 ¹	453			576			594			594	1170
Area 124		320	1274		1594							1594
Area 25	1295 ¹				1295		5132	3762	142 ¹		9036	10331
Area 125		135			135							135
Area 26							1727 ²	1261 ²			2988	2988
Area 126		133 ²	274 ²		407							407
Area 27	946 ¹				946		837	314			1151	2097
Area 127		411			411							411
Area 28								171	326		497	497
Area 29								128		3042	3170	3170
Juan de Fuca								121	5585	1192	6898	6898
North Island							1312	2533	2240	332	6417	6417
Strait of Georgia								10986	13926	7924	32836	32836
WCVI	4603	7745	5841	247	18436			8539	26080	2360	36979	55415
All Areas	4603	7745	5841	247	18436	1312	22179	47831	11808	83130	101566	

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 4: Final recreational Effort estimates (boat trips) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	
Area 11									35 ¹	268 ¹	544	(21%)	636	(12%)	25 ¹									1508	(12%)	1747	
Area 111									27 ¹	39 ¹	130	(25%)	54	(37%)	12 ¹									262	(21%)	697	
Area 12									282 ¹	461 ¹	2728	(13%)	4199	(6%)	1132 ¹									8802	(6%)	13475	
Area 13									1045 ¹	952 ¹	4939	(17%)	7451	(8%)	2797	(13%)	942	(23%)						18126	(7%)	28992	
Area 14									1033 ¹	1396 ¹	5282	(14%)	8431	(12%)	5138	(14%)	1003	(18%)						22283	(7%)	19386	
Area 15									374 ¹	281 ¹	1741	(18%)	1576	(15%)	1509 ¹									5481	(12%)	8423	
Area 16									650 ¹	916 ¹	3636	(15%)	2606	(11%)	1093	(17%)								8901	(9%)	9699	
Area 17									1352 ¹	1310 ¹	3026	(10%)	3428	(13%)	1668	(23%)								10784	(8%)	12955	
Area 18									831 ¹	1187 ¹	1239	(11%)	1174	(7%)	922	(16%)								5353	(6%)	7384	
Area 19 (GS)									256 ¹	313 ¹	445	(15%)	638	(19%)	601	(26%)	214	(27%)						2467	(12%)	3616	
Area 19 (JDF)									1439 ¹	1042 ¹	995	(19%)	2535	(11%)	2046	(20%)	920	(25%)						8977	(9%)	12963	
Area 20 (East)									359 ¹	1124 ¹	4160	(14%)	9936	(10%)	7684	(20%)	2374	(38%)						25637	(9%)	28569	
Area 20 (West)									62 ¹	124 ¹	1316	(12%)	4797	(13%)	1514	(1%)								7813	(9%)	6855	
Area 21									12 ¹	193 ¹	144	(31%)	119	(54%)	35	(4%)								503	(26%)	727	
Area 121									3 ¹	334 ¹	718	(9%)	667	(33%)	173	(19%)								1895	(15%)	2873	
Area 23 (Alberni Canal)									54 ¹	176 ¹	1981	(22%)	4500	(17%)	2470	(10%)								9181	(10%)	11007	
Area 23 (Barkley)									454 ¹	1844 ¹	2481	(9%)	6948	(5%)	2946	(7%)								14673	(4%)	17521	
Area 123									65 ¹	361 ¹	958	(15%)	1282	(48%)	401	(17%)								3067	(24%)	4320	
Area 24									54 ¹	332 ¹	590	(20%)	523	(26%)	146	(24%)								1645	(14%)	2222	
Area 124									2 ¹	111 ¹	331	(23%)	658	(25%)	110	(31%)								1212	(17%)	2465	
Area 25									133 ¹	1096 ¹	5127	(13%)	4930	(13%)	701 ¹									11987	(9%)	12842	
Area 125									58 ¹	182 ¹	356	(22%)	241	(27%)	318 ¹									1155	(17%)	2271	
Area 26									12 ¹	307 ¹	1724 ²		1961 ²		512 ¹									4516		2202	
Area 126										14 ¹	324 ²		377 ²		29 ¹									744		2054	
Area 27									217 ¹	1206 ¹	1415	(9%)	1678	(6%)	958 ¹									5474	(5%)	3627	
Area 127									15 ¹	172 ¹	623	(30%)	374	(17%)	326 ¹									1510	(20%)	1644	
Area 28									908 ¹	1248 ¹	813	(9%)	1340	(10%)	2213	(26%)								6522	(14%)	8212	
Area 29									1136 ¹	1741 ¹	1864	(8%)	1675	(10%)	5803	(35%)								12219	(22%)	17190	
Juan de Fuca									1798	2166	5155	(12%)	12471	(8%)	9730	(17%)	3294	(28%)						34614	(7%)	41532	
North Island									344	768	3402	(11%)	4889	(6%)	1169									10572	(5%)	15919	
Strait of Georgia									7585	9344	22985	(6%)	28319	(5%)	21744	(11%)	2159	(13%)						92136	(4%)	115855	
WCVI									1141	6452	18088	(6%)	29055	(5%)	10639	(4%)								65375	(3%)	72630	
All Areas									10868	18730	49630	(4%)	74734	(3%)	43282	(8%)	5453	(18%)						202697	(3%)	245935	

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 5: Final recreational Kept Chinook catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11											691 ¹		1193	(18%)	840	(15%)									2724	(12%)	3864
Area 111											171 ¹		380	(28%)											551	(28%)	3414
Area 12											450 ¹		960	(17%)	1400	(11%)	332 ¹								3142	(10%)	7358
Area 13													4687	(19%)	7067	(10%)	1801	(22%)							13555	(9%)	25097
Area 14													3357	(17%)	5075	(13%)	1928	(18%)							10360	(9%)	8884
Area 15													662	(27%)	436	(25%)	584 ¹								1682	(19%)	5361
Area 16													1540	(25%)	639	(25%)									2179	(19%)	2984
Area 17													612	(20%)	538	(19%)	243	(33%)							1393	(13%)	4868
Area 18																											1296
Area 19 (GS)																											357
Area 19 (JDF)															559	(18%)	309	(31%)	133	(42%)					1001	(15%)	3892
Area 20 (East)													121	(51%)	5026	(11%)	883	(22%)	312	(34%)					6342	(9%)	16467
Area 20 (West)													843	(13%)	4708	(11%)	791	(22%)							6342	(9%)	8204
Area 21												192 ¹		321	(22%)	197	(47%)								710	(23%)	1514
Area 121													529	(20%)	1161	(34%)									1690	(24%)	9016
Area 23 (Alberni Canal)												139 ¹				4971	(16%)	432	(25%)					5542	(15%)	3645	
Area 23 (Barkley)									264 ¹		1772 ¹		3069	(12%)	10273	(9%)	995	(11%)							16373	(7%)	18931
Area 123												136 ¹		2374	(11%)	3132	(41%)	247	(34%)						5889	(23%)	10923
Area 24												123 ¹		453	(19%)	594	(30%)								1170	(19%)	2237
Area 124													320	(36%)	1274	(25%)									1594	(21%)	6689
Area 25												1295 ¹		5132	(14%)	3762	(14%)	142 ¹							10331	(10%)	14400
Area 125													135	(15%)											135	(15%)	2635
Area 26													1727 ²		1261 ²										2988		2882
Area 126													133 ²		274 ²										407		4341
Area 27												946 ¹		837	(11%)	314	(13%)								2097	(8%)	3136
Area 127													411	(43%)											411	(43%)	1836
Area 28															171	(36%)	326	(48%)							497	(34%)	1632
Area 29													128	(51%)			3042	(52%)							3170	(50%)	7179
Juan de Fuca													121	(51%)	5585	(10%)	1192	(18%)	445	(27%)					7343	(8%)	20359
North Island												1312		2533	(11%)	2240	(9%)	332							6417	(7%)	14637
Strait of Georgia													10986	(10%)	13926	(7%)	7924	(23%)							32836	(7%)	57657
WCVI										264		4603		16284	(6%)	31921	(6%)	2607	(10%)						55679	(5%)	90389
All Areas										264		5915		29924	(5%)	53672	(4%)	12055	(15%)	445	(27%)				102275	(4%)	183041

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 6: Final recreational Released Chinook catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	
Area 11											251 ¹		761	(22%)	568	(22%)									1580	(16%)	1177
Area 111											3 ¹		76	(27%)	25	(61%)									104	(26%)	1031
Area 12											178 ¹		3090	(18%)	4103	(14%)	78 ¹								7449	(11%)	10862
Area 13										322 ¹		384 ¹		9412	(16%)	10888	(12%)	1554	(21%)	139	(53%)				22699	(9%)	26952
Area 14										349 ¹		1837 ¹		7659	(17%)	14599	(13%)	5868	(20%)	603	(27%)				30915	(9%)	22201
Area 15										129 ¹		228 ¹		3660	(24%)	2678	(28%)	90 ¹							6785	(18%)	2230
Area 16										275 ¹		318 ¹		5721	(26%)	3302	(26%)	391	(59%)						10007	(19%)	1756
Area 17										412 ¹		546 ¹		9538	(17%)	6658	(19%)	6306	(34%)						23460	(13%)	13094
Area 18										70 ¹		59 ¹		118	(42%)	265	(30%)	332	(36%)						844	(21%)	932
Area 19 (GS)												9 ¹		104	(52%)	187	(46%)	207	(54%)	91	(92%)				598	(29%)	987
Area 19 (JDF)										6 ¹		68 ¹		75	(53%)	1072	(23%)	295	(35%)	363	(46%)				1879	(18%)	3740
Area 20 (East)										13 ¹		195 ¹		4502	(15%)	9913	(14%)	3009	(26%)	3327	(46%)				20959	(11%)	21231
Area 20 (West)													2056	(15%)	1570	(21%)	145	(46%)							3771	(12%)	4221
Area 21													21	(47%)	2	(263%)									23	(48%)	232
Area 121													54	(36%)	117	(121%)									171	(84%)	4401
Area 23 (Alberni Canal)																367	(37%)	132	(78%)						499	(34%)	678
Area 23 (Barkley)													4900	(18%)	4191	(19%)	512	(26%)							9603	(12%)	25597
Area 123													1235	(18%)	1511	(56%)	421	(52%)							3167	(28%)	8148
Area 24													137	(38%)	80	(49%)	26	(70%)							243	(28%)	925
Area 124													135	(72%)	248	(39%)									383	(36%)	2002
Area 25													4195	(15%)	3713	(15%)									7908	(10%)	8729
Area 125													6	(117%)	9	(116%)									15	(84%)	673
Area 26													62 ²		168 ²									230		1562	
Area 126													34 ²		22 ²									56		1748	
Area 27													904	(16%)	1209	(18%)									2113	(12%)	1879
Area 127													239	(67%)	14	(98%)									253	(64%)	608
Area 28											261 ¹		427 ¹		187	(44%)	388	(30%)	291	(60%)					1554	(26%)	856
Area 29											1429 ¹		926 ¹		2066	(26%)	1793	(33%)	4937	(48%)					11151	(29%)	6070
Juan de Fuca											19		263		4577	(15%)	10985	(12%)	3304	(24%)	3690	(42%)			22838	(10%)	24971
North Island													432		3927	(14%)	4696	(12%)	78						9133	(9%)	13070
Strait of Georgia											3247		4734		38465	(8%)	40758	(7%)	19976	(17%)	833	(24%)			108013	(6%)	75079
WCVI														13978	(8%)	13221	(10%)	1236	(23%)						28435	(6%)	61400
All Areas											3266		5429		60947	(6%)	69660	(5%)	24594	(14%)	4523	(34%)			168419	(4%)	174520

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 7: Final recreational Kept Coho catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg	
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	
Area 11													393	(30%)	514	(18%)									907	(17%)	652	
Area 111																												
Area 12													1183	(16%)	767	(15%)	118 ¹								2068	(11%)	4281	
Area 13													112	(45%)			306	(38%)							418	(30%)	3857	
Area 14											245 ¹		996	(25%)	965	(24%)	134	(43%)							2340	(16%)	3503	
Area 15													117	(48%)	105	(46%)									222	(33%)	813	
Area 16															109	(81%)									109	(81%)	281	
Area 17													437	(27%)	648	(24%)									1085	(18%)	1198	
Area 18																											118	
Area 19 (GS)																												
Area 19 (JDF)																	220	(37%)	291	(48%)					511	(32%)	195	
Area 20 (East)											694 ¹		3142	(25%)	3568	(16%)	5681	(22%)	3319	(28%)					16404	(12%)	8086	
Area 20 (West)															1429	(22%)	4256	(11%)							5685	(10%)	1499	
Area 21													113	(52%)	101	(113%)									214	(60%)	150	
Area 121													1473	(18%)	1692	(34%)	427	(41%)							3592	(18%)	5512	
Area 23 (Alberni Canal)																141	(39%)	141	(37%)					282	(27%)	758		
Area 23 (Barkley)											315 ¹		217	(42%)	1625	(21%)	508	(28%)							2665	(16%)	7299	
Area 123													1155	(14%)	2394	(64%)	508	(57%)							4057	(39%)	4107	
Area 24															123	(64%)									123	(64%)	1193	
Area 124																											834	
Area 25											266 ¹		322	(22%)	587	(18%)	190 ¹								1365	(14%)	4748	
Area 125																											443	
Area 26																	122 ¹								122		852	
Area 126																											676	
Area 27											159 ¹		643	(12%)	1070	(10%)	244 ¹								2116	(8%)	4736	
Area 127													156	(54%)											156	(54%)	675	
Area 28													151	(41%)	194	(44%)	399	(57%)							744	(33%)	750	
Area 29													433	(44%)	256	(58%)	498	(65%)							1187	(34%)	919	
Juan de Fuca											694		3142	(25%)	3568	(16%)	5901	(21%)	3610	(26%)					16915	(11%)	8281	
North Island													1576	(14%)	1281	(12%)	118								2975	(9%)	4933	
Strait of Georgia												245		2246	(15%)	2277	(15%)	1337	(31%)						6105	(11%)	11440	
WCVI												740		4079	(9%)	9162	(19%)	6396	(10%)						20377	(10%)	33480	
All Areas												1679		11043	(9%)	16288	(11%)	13752	(11%)	3610	(26%)				46372	(6%)	58134	

¹ Estimate based on In-Fill process

² Estimate based on Logbook expansions

Table 8: Final recreational Released Coho catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	
Area 11											2 ¹		99	(56%)	346	(25%)	26 ¹								473	(23%)	203
Area 111													22	(79%)	23	(55%)									45	(48%)	55
Area 12												52 ¹		1320	(19%)	2627	(16%)	516 ¹							4515	(12%)	5934
Area 13												157 ¹		426	(25%)	1393	(22%)	1451	(40%)	44	(68%)				3471	(20%)	18966
Area 14										12 ¹		551 ¹		1802	(24%)	2827	(18%)	1905	(37%)	538	(47%)				7635	(14%)	14482
Area 15													302	(54%)	495	(46%)	63 ¹								860	(35%)	2263
Area 16												26 ¹		370	(48%)	936	(49%)								1332	(37%)	1604
Area 17										22 ¹		133 ¹		1443	(27%)	780	(19%)	505	(44%)						2883	(17%)	4688
Area 18												46 ¹		12	(77%)	81	(86%)	80	(76%)						219	(54%)	261
Area 19 (GS)																	40	(93%)	35	(104%)					75	(69%)	19
Area 19 (JDF)												149 ¹		98	(78%)	99	(38%)	764	(40%)	113	(81%)				1223	(31%)	932
Area 20 (East)										22 ¹		707 ¹		6995	(23%)	6186	(14%)	18282	(21%)	3659	(32%)				35851	(13%)	19221
Area 20 (West)												59 ¹		108	(30%)	2151	(23%)	2909	(19%)						5227	(14%)	3104
Area 21												11 ¹		12	(130%)	189	(87%)								212	(82%)	154
Area 121												48 ¹		1765	(23%)	1348	(39%)	92	(89%)						3253	(21%)	8536
Area 23 (Alberni Canal)												3 ¹				105	(46%)	48	(105%)						156	(46%)	98
Area 23 (Barkley)												124 ¹		58	(63%)	1475	(53%)	216	(41%)						1873	(45%)	3465
Area 123												30 ¹		2503	(18%)	3422	(58%)	1222	(53%)						7177	(30%)	8760
Area 24												10 ¹		12	(76%)	27	(74%)	4	(89%)						53	(52%)	851
Area 124												10 ¹				47	(60%)								57	(60%)	1116
Area 25												118 ¹		217	(37%)	340	(35%)	59 ¹							734	(26%)	1956
Area 125										7 ¹				6	(117%)										13	(117%)	1123
Area 26																											216
Area 126													2 ²				1 ²								3		997
Area 27													161	(22%)	687	(19%)									848	(16%)	2286
Area 127													288	(72%)											288	(72%)	1376
Area 28											22 ¹		206 ¹		67	(50%)	57	(58%)	401	(55%)					753	(43%)	646
Area 29											74 ¹		822 ¹		888	(63%)	638	(33%)	801	(76%)					3223	(37%)	2251
Juan de Fuca											22		856		7093	(23%)	6285	(14%)	19046	(20%)	3772	(32%)			37074	(12%)	20153
North Island												54		1441	(18%)	2996	(14%)	542							5033	(11%)	6192
Strait of Georgia											130		1941		5310	(16%)	7207	(11%)	5246	(22%)	617	(42%)			20451	(9%)	45180
WCVI											7		413		5132	(13%)	9792	(23%)	4550	(19%)					19894	(13%)	34040
All Areas											159		3264		18976	(10%)	26280	(10%)	29384	(14%)	4389	(28%)			82452	(7%)	105566

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 9: Final recreational Kept Chum catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg	
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	
Area 11															3	(102%)									3	(102%)	28	
Area 111															2	(108%)									2	(108%)	2	
Area 12												6	(121%)	25	(74%)											31	(64%)	142
Area 13														42	(78%)	349	(37%)	1828	(42%)							2219	(35%)	1235
Area 14																									0		9	
Area 15																												
Area 16																											513	
Area 17																											38	
Area 18																												
Area 19 (GS)																									0		4	
Area 19 (JDF)																				15	(119%)					15	(119%)	32
Area 20 (East)														19	(102%)	48	(66%)									67	(55%)	80
Area 20 (West)																	7	(89%)							7	(89%)	16	
Area 21																												
Area 121																												
Area 23 (Alberni Canal)																											0	
Area 23 (Barkley)													43	(89%)											43	(89%)	61	
Area 123																											2	
Area 24																											0	
Area 124																									0		4	
Area 25																											18	
Area 125																											16	
Area 26																											2	
Area 126																											11	
Area 27																											6	
Area 127																											17	
Area 28																											74	
Area 29																											31	
Juan de Fuca															19	(102%)	48	(66%)	15	(119%)					82	(50%)	112	
North Island												6	(121%)	30	(63%)											36	(56%)	171
Strait of Georgia														42	(78%)	349	(37%)	1828	(42%)							2219	(35%)	1904
WCVI												43	(89%)					7	(89%)							50	(77%)	152
All Areas												49	(79%)	91	(47%)	404	(33%)	1843	(42%)							2387	(33%)	2339

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 10: Final recreational Released Chum catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg	
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	
Area 11																										0	0	
Area 111																											0	0
Area 12												10	(80%)													10	(80%)	33
Area 13																	23	(69%)	251	(101%)						274	(92%)	29
Area 14																	3	(90%)								3	(90%)	31
Area 15																												
Area 16																												
Area 17																												0
Area 18																												
Area 19 (GS)																										0		
Area 19 (JDF)																										0		
Area 20 (East)																										0		19
Area 20 (West)																	6	(101%)								6	(101%)	5
Area 21																												
Area 121																												
Area 23 (Alberni Canal)																												
Area 23 (Barkley)																										0		
Area 123																												4
Area 24																												0
Area 124												1	(84%)													1	(84%)	4
Area 25																												4
Area 125																												
Area 26																												7
Area 126																												10
Area 27																												3
Area 127																												
Area 28																												37
Area 29																												12
Juan de Fuca																										0		19
North Island												10	(80%)													10	(80%)	34
Strait of Georgia																	26	(62%)	251	(101%)						277	(91%)	109
WCVI												1	(84%)				6	(101%)								7	(87%)	32
All Areas												11	(73%)				32	(54%)	251	(101%)						294	(86%)	193

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 11: Final recreational Kept Pink catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11											2 ¹		4	(105%)	3	(102%)									9	(74%)	52
Area 111															1	(142%)									1	(142%)	14
Area 12													2566	(17%)	489	(18%)	96 ¹								3151	(15%)	3762
Area 13													644	(41%)	438	(29%)	41	(45%)							1123	(26%)	7377
Area 14													172	(51%)	159	(59%)	23	(80%)							354	(37%)	1006
Area 15													29	(99%)	7	(120%)	7 ¹								43	(83%)	442
Area 16															1	(183%)									1	(183%)	721
Area 17												67 ¹		55	(74%)	349	(30%)								471	(28%)	1047
Area 18															81	(86%)									81	(86%)	4695
Area 19 (GS)																									0		31
Area 19 (JDF)																											3038
Area 20 (East)													45	(51%)	39	(70%)	32	(107%)							116	(43%)	17359
Area 20 (West)															7	(97%)									7	(97%)	505
Area 21																											67
Area 121															4	(110%)									4	(110%)	589
Area 23 (Alberni Canal)																											16
Area 23 (Barkley)															7	(114%)									7	(114%)	559
Area 123																											370
Area 24																											77
Area 124																											158
Area 25															9	(104%)									9	(104%)	99
Area 125																											136
Area 26																											11
Area 126																											137
Area 27													28	(31%)											28	(31%)	138
Area 127															6	(114%)									6	(114%)	115
Area 28																											2570
Area 29													12	(109%)	35	(110%)	115	(131%)							162	(96%)	4192
Juan de Fuca													45	(51%)	39	(70%)	32	(107%)							116	(43%)	20398
North Island												2		2570	(17%)	493	(18%)	96							3161	(15%)	3828
Strait of Georgia												67		912	(31%)	1070	(19%)	186	(86%)						2235	(18%)	22080
WCVI													28	(31%)	33	(49%)									61	(30%)	2977
All Areas												69		3555	(15%)	1635	(14%)	314	(74%)						5573	(11%)	49282

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 12: Final recreational Released Pink catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11											1 ¹		7	(120%)	11	(69%)									19	(63%)	36
Area 111															2	(124%)									2	(124%)	43
Area 12											2 ¹		3098	(18%)	463	(27%)	2 ¹								3565	(16%)	3510
Area 13													286	(40%)	301	(37%)									587	(27%)	4160
Area 14													137	(42%)	28	(85%)									165	(38%)	697
Area 15													25	(79%)											25	(79%)	527
Area 16																									0		846
Area 17															102	(50%)	75	(96%)							177	(50%)	600
Area 18															6	(82%)									6	(82%)	2147
Area 19 (GS)															6	(121%)									6	(121%)	38
Area 19 (JDF)																											2105
Area 20 (East)													78	(65%)											78	(65%)	23073
Area 20 (West)													12	(88%)											12	(88%)	1329
Area 21																											87
Area 121													5	(99%)											5	(99%)	416
Area 23 (Alberni Canal)																											10
Area 23 (Barkley)															11	(103%)									11	(103%)	380
Area 123																											1350
Area 24																											41
Area 124																											322
Area 25															53	(103%)									53	(103%)	65
Area 125																											70
Area 26																											33
Area 126																											206
Area 27													24	(47%)	22	(58%)									46	(37%)	281
Area 127															6	(114%)									6	(114%)	276
Area 28																											3914
Area 29																											2079
Juan de Fuca													78	(65%)											78	(65%)	25178
North Island												3		3105	(18%)	476	(26%)	2							3586	(16%)	3589
Strait of Georgia															448	(29%)	443	(28%)	75	(96%)					966	(20%)	15006
WCVI													41	(40%)	92	(62%)									133	(45%)	4865
All Areas												3		3672	(15%)	1011	(18%)	77	(96%)						4763	(13%)	48639

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 13: Final recreational Kept Sockeye catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg		
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.		
Area 11																													
Area 111																													
Area 12																												3646	
Area 13																												1960	
Area 14																													
Area 15																												121	
Area 16																													
Area 17																												196	
Area 18																													
Area 19 (GS)																													
Area 19 (JDF)																													
Area 20 (East)																												2713	
Area 20 (West)																												5438	
Area 21																												126	
Area 121																												724	
Area 23 (Alberni Canal)											116 ¹		4604	(23%)										4720	(23%)	31225			
Area 23 (Barkley)													254	(39%)										254	(39%)	2142			
Area 123																												135	
Area 24																													
Area 124																													
Area 25																													
Area 125																													
Area 26																													
Area 126																													
Area 27																													
Area 127																													
Area 28																													
Area 29																												44118	
Juan de Fuca																												2713	
North Island																												3646	
Strait of Georgia																												46395	
WCVI											116		4858	(22%)										4974	(22%)	39790			
All Areas											116		4858	(22%)									4974	(22%)	92544				

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 14: Final recreational Released Sockeye catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11																											1
Area 12												6	(111%)												6	(111%)	160
Area 13												11	(107%)	14	(103%)	10	(111%)								35	(62%)	888
Area 14																									0		8
Area 15																											
Area 16																											1202
Area 17																											109
Area 18																											157
Area 19 (GS)																											
Area 19 (JDF)																											16
Area 20 (East)													57	(72%)											57	(72%)	493
Area 20 (West)																											165
Area 21																											
Area 121																									0		9
Area 23 (Alberni Canal)													663	(28%)											663	(28%)	612
Area 23 (Barkley)													22	(50%)											22	(50%)	135
Area 123																											24
Area 24																											19
Area 124													13	(97%)											13	(97%)	23
Area 25													17	(84%)											17	(84%)	4
Area 125																											
Area 26																											5
Area 126																											4
Area 27																											23
Area 127													11	(116%)											11	(116%)	64
Area 28																											38
Area 29																	115	(131%)							115	(131%)	237
Juan de Fuca													57	(72%)											57	(72%)	508
North Island													6	(111%)											6	(111%)	161
Strait of Georgia													11	(107%)	14	(103%)	125	(121%)							150	(102%)	2638
WCVI													726	(26%)											726	(26%)	1085
All Areas													800	(24%)	14	(103%)	125	(121%)							939	(26%)	4393

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 15: Final recreational Kept Halibut catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg	
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	
Area 11									25 ¹		151 ¹		281	(39%)	127	(22%)									584	(28%)	1213	
Area 111									27 ¹		6 ¹		87	(23%)	42	(34%)									162	(19%)	237	
Area 12									63 ¹		259 ¹		515	(22%)	846	(22%)	174 ¹								1857	(16%)	1795	
Area 13													1		19	(102%)									20	(97%)	52	
Area 14															3	(134%)	4	(116%)							7	(88%)	38	
Area 15																									0		1	
Area 16																									0		1	
Area 17																									0		1	
Area 18																									0		16	
Area 19 (GS)									22 ¹		11 ¹														33		82	
Area 19 (JDF)									257 ¹		112 ¹		263	(27%)	146	(39%)	224	(38%)	49	(73%)					1051	(19%)	2060	
Area 20 (East)									25 ¹		172 ¹		120	(73%)	48	(57%)	152	(52%)	111	(68%)					628	(33%)	628	
Area 20 (West)									22 ¹		25 ¹		48	(69%)	135	(47%)									230	(39%)	43	
Area 21											28 ¹		27	(60%)	50	(85%)	14	(72%)							119	(51%)	98	
Area 121									6 ¹		547 ¹		1904	(9%)	1492	(34%)	173	(46%)							4122	(15%)	5591	
Area 23 (Alberni Canal)											20 ¹				1										21		14	
Area 23 (Barkley)									19 ¹		169 ¹		101	(45%)	29	(66%)									318	(38%)	225	
Area 123									75 ¹		373 ¹		1728	(15%)	2228	(53%)	914	(46%)							5318	(26%)	3699	
Area 24									13 ¹		55 ¹		53	(55%)	19	(56%)	10	(91%)							150	(40%)	180	
Area 124											108 ¹		363	(34%)	261	(35%)	245	(50%)							977	(23%)	1365	
Area 25									25 ¹		237 ¹		62	(45%)	17	(90%)	95 ¹								436	(40%)	511	
Area 125									48 ¹		110 ¹		302	(34%)	89	(43%)	158 ¹								707	(28%)	1409	
Area 26											36 ¹		132 ²		64 ²		9 ¹								241		241	
Area 126											14 ¹		491 ²		360 ²		16 ¹								881		2627	
Area 27									31 ¹		164 ¹		195	(16%)	223	(16%)	152 ¹								765	(11%)	712	
Area 127									7 ¹		123 ¹		465	(33%)	284	(28%)	253 ¹								1132	(23%)	1660	
Area 28											10 ¹														10		29	
Area 29											4 ¹														4		44	
Juan de Fuca											282		284	(30%)	194	(33%)	376	(31%)	160	(52%)						1679	(17%)	2688
North Island											115		416	(18%)	1015	(18%)	174									2603	(13%)	3245
Strait of Georgia											22		25		1		22	(90%)	4	(116%)						74	(75%)	262
WCVI											246		2009	(7%)	5252	(27%)	2039	(33%)								15417	(12%)	18375
All Areas											665		2734	(7%)	7138	(7%)	6483	(22%)	2593	(26%)	160	(52%)				19773	(10%)	24570

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 16: Final recreational Released Halibut catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	
Area 11													41	(59%)	7	(53%)									48	(51%)	127
Area 111													10	(25%)	1										11	(22%)	11
Area 12													47	(51%)	38	(50%)									85	(36%)	361
Area 13													31	(77%)											31	(77%)	97
Area 14													5	(113%)			22	(105%)							27	(88%)	33
Area 15															7	(120%)									7	(120%)	0
Area 16															1	(183%)									1	(183%)	0
Area 17																									0		6
Area 18													78	(87%)											78	(87%)	49
Area 19 (GS)													23	(109%)											23	(109%)	29
Area 19 (JDF)													30	(59%)	18	(103%)	44	(60%)							92	(40%)	255
Area 20 (East)													56	(86%)	3				17	(139%)					76	(71%)	133
Area 20 (West)																									0		9
Area 21																									0		48
Area 121													125	(32%)	91	(60%)									216	(31%)	279
Area 23 (Alberni Canal)																									0		0
Area 23 (Barkley)													11	(69%)											11	(69%)	62
Area 123													320	(24%)	39	(50%)	1								360	(22%)	535
Area 24													13	(62%)	9	(109%)	2	(107%)							24	(54%)	14
Area 124													3	(87%)	21	(84%)	4	(75%)							28	(65%)	137
Area 25															1	(96%)									1	(96%)	181
Area 125													55	(62%)	19	(126%)									74	(57%)	177
Area 26													28 ²		17 ²										45		80
Area 126													159 ²		47 ²										206		1061
Area 27													57	(17%)	11	(50%)									68	(16%)	182
Area 127													12	(107%)	9	(67%)									21	(67%)	428
Area 28																									0		0
Area 29																									0		18
Juan de Fuca													86	(60%)	21	(88%)	44	(60%)	17	(139%)					168	(39%)	388
North Island													98	(35%)	46	(42%)									144	(27%)	499
Strait of Georgia													137	(56%)	8	(107%)	22	(105%)							167	(48%)	232
WCVI													783	(16%)	264	(33%)	7	(53%)							1054	(14%)	3195
All Areas													1104	(15%)	339	(26%)	73	(49%)	17	(139%)					1533	(12%)	4313

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 17: Final recreational Kept Lingcod catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11											139 ¹		274	(24%)	602	(19%)									1015	(15%)	904
Area 111																											
Area 12											178 ¹		139	(28%)	175	(30%)	118 ¹								610	(21%)	935
Area 13										370 ¹	166 ¹		254	(30%)	380	(28%)	217	(33%)							1387	(18%)	4537
Area 14										182 ¹			104	(54%)											286	(54%)	973
Area 15													183	(90%)											183	(90%)	751
Area 16										154 ¹	166 ¹		1048	(50%)	272	(44%)									1640	(41%)	1387
Area 17										236 ¹	177 ¹		247	(33%)	212	(32%)	131	(51%)							1003	(21%)	1384
Area 18										179 ¹	115 ¹						192	(37%)						486	(37%)	686	
Area 19 (GS)																	145	(62%)							145	(62%)	119
Area 19 (JDF)																											
Area 20 (East)													168	(45%)	120	(53%)	281	(42%)							569	(27%)	458
Area 20 (West)													262	(31%)	339	(30%)	389	(36%)							990	(19%)	397
Area 21																											265
Area 121													193	(27%)	369	(51%)	178	(72%)							740	(31%)	503
Area 23 (Alberni Canal)																											
Area 23 (Barkley)										132 ¹	312 ¹		235	(33%)	616	(25%)	116	(35%)							1411	(18%)	1238
Area 123													176	(24%)	130	(62%)									306	(30%)	366
Area 24													128	(38%)	120	(45%)									248	(29%)	470
Area 124													152	(58%)	116	(42%)									268	(38%)	1739
Area 25											301 ¹		766	(23%)	205	(35%)	107 ¹								1379	(20%)	1270
Area 125													425	(36%)	242	(50%)	113 ¹								780	(29%)	2328
Area 26											152 ¹		1834 ²		1438 ²		450 ¹								3874		1320
Area 126													365 ²		393 ²										758		3586
Area 27										755 ¹			565	(19%)	527	(16%)	604 ¹								2451	(12%)	1390
Area 127										304 ¹			776	(33%)	636	(26%)	391 ¹								2107	(21%)	2563
Area 28																											113
Area 29													210	(63%)											210	(63%)	812
Juan de Fuca													168	(45%)	120	(53%)	281	(42%)							569	(27%)	458
North Island											317		413	(19%)	777	(16%)	118								1625	(12%)	1838
Strait of Georgia										1121	624		2046	(28%)	864	(20%)	685	(22%)							5340	(17%)	10762
WCVI										132	1824		5877	(11%)	5131	(11%)	2348	(28%)							15312	(7%)	17436
All Areas										1253	2765		8504	(11%)	6892	(9%)	3432	(16%)							22846	(7%)	30494

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 18: Final recreational Released Lingcod catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	
Area 11													182	(46%)	144	(33%)									326	(30%)	482
Area 111													53	(63%)	15	(99%)									68	(54%)	349
Area 12													320	(55%)	276	(45%)									596	(36%)	427
Area 13													1787	(24%)	2383	(18%)	1032	(35%)	45	(63%)					5247	(13%)	9138
Area 14													1088	(45%)	1324	(25%)	637	(28%)	9	(101%)					3058	(20%)	3174
Area 15													991	(53%)	595	(39%)									1586	(36%)	384
Area 16													1030	(46%)	684	(37%)	184	(56%)					1898	(29%)	1098		
Area 17													696	(29%)	301	(32%)	373	(38%)					1370	(19%)	1142		
Area 18													22	(76%)	658	(22%)	1109	(68%)					1789	(43%)	936		
Area 19 (GS)															453	(39%)	752	(67%)					1205	(44%)	865		
Area 19 (JDF)													462	(52%)	1178	(38%)	696	(36%)	81	(71%)					2417	(23%)	2784
Area 20 (East)													639	(49%)	1191	(24%)	410	(39%)	33	(112%)					2273	(20%)	3888
Area 20 (West)													209	(32%)	270	(41%)	37	(61%)					516	(26%)	374		
Area 21													9	(127%)	1									10	(114%)	166	
Area 121													82	(46%)	28	(77%)									110	(39%)	173
Area 23 (Alberni Canal)																									0		2
Area 23 (Barkley)													653	(33%)	282	(53%)	445	(58%)					1380	(27%)	2070		
Area 123													187	(23%)	63	(51%)									250	(22%)	379
Area 24													87	(37%)	29	(53%)	74	(57%)					190	(29%)	197		
Area 124													134	(56%)	52	(47%)	15	(83%)					201	(40%)	496		
Area 25													792	(21%)	89	(57%)									881	(20%)	939
Area 125													418	(46%)	147	(63%)									565	(38%)	473
Area 26													83 ²		83 ²									166		243	
Area 126													34 ²		26 ²									60		512	
Area 27													289	(21%)	150	(28%)									439	(17%)	582
Area 127													538	(46%)	76	(44%)									614	(41%)	388
Area 28																									0		49
Area 29													90	(74%)	64	(65%)	52	(123%)					206	(49%)	649		
Juan de Fuca													1101	(36%)	2369	(22%)	1106	(27%)	114	(60%)					4690	(16%)	6671
North Island													555	(36%)	435	(31%)									990	(24%)	1258
Strait of Georgia													5704	(17%)	6462	(11%)	4139	(24%)	54	(55%)					16359	(10%)	17435
WCVI													3515	(13%)	1296	(19%)	571	(46%)					5382	(11%)	6993		
All Areas													10875	(11%)	10562	(9%)	5816	(19%)	168	(44%)					27421	(7%)	32357

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 19: Final recreational Kept Rockfish³ catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11													309	(19%)	352	(16%)									661	(13%)	1959
Area 111													193	(26%)	33	(47%)									226	(24%)	604
Area 12													331	(21%)	542	(20%)									873	(15%)	1739
Area 13									209 ¹	84 ¹			317	(38%)	578	(53%)	168	(48%)							1356	(32%)	1786
Area 14								45 ¹	109 ¹			118	(44%)	208	(44%)	236	(43%)	57	(62%)						773	(24%)	1199
Area 15								132 ¹	53 ¹			63	(91%)	29	(69%)	47 ¹									324	(66%)	1227
Area 16								148 ¹	82 ¹			1074	(29%)	204	(35%)	493	(66%)								2001	(26%)	1925
Area 17								191 ¹	78 ¹			391	(28%)	181	(33%)	156	(34%)								997	(19%)	1920
Area 18								215 ¹	309 ¹			116	(60%)	249	(50%)	183	(47%)								1072	(30%)	1452
Area 19 (GS)								50 ¹	18 ¹			55	(62%)	193	(70%)	200	(62%)								516	(42%)	530
Area 19 (JDF)								219 ¹	171 ¹			250	(34%)	226	(40%)	133	(54%)	4	(155%)						1003	(23%)	1099
Area 20 (East)								39 ¹	62 ¹			180	(41%)	641	(32%)	606	(44%)								1528	(24%)	2005
Area 20 (West)												72	(34%)	161	(33%)	12	(71%)								245	(24%)	212
Area 21												5													5		142
Area 121												24	(100%)	67	(50%)										91	(46%)	393
Area 23 (Alberni Canal)																									0		53
Area 23 (Barkley)												29	(56%)	52	(53%)	20	(83%)								101	(36%)	1170
Area 123												37	(40%)	10	(81%)										47	(36%)	279
Area 24												88	(27%)	66	(38%)	48	(59%)								202	(22%)	490
Area 124												93	(42%)	102	(33%)	6	(73%)								201	(26%)	999
Area 25												299	(41%)	126	(36%)										425	(31%)	1587
Area 125												100	(50%)	115	(39%)										215	(31%)	1484
Area 26												654 ²		163 ²											817		918
Area 126												77 ²		61 ²											138		1256
Area 27												246	(15%)	186	(25%)										432	(13%)	1199
Area 127												177	(37%)	123	(29%)										300	(25%)	1630
Area 28																	22	(64%)							22	(64%)	58
Area 29									13 ¹	221 ¹		49	(84%)	151	(58%)	46	(90%)								480	(43%)	680
Juan de Fuca									258	233		430	(26%)	867	(26%)	739	(37%)	4	(155%)						2531	(18%)	3104
North Island												833	(13%)	927	(13%)										1760	(9%)	4301
Strait of Georgia									1003	954		2183	(17%)	1793	(22%)	1551	(26%)	57	(62%)						7541	(12%)	10777
WCVI												1901	(14%)	1232	(12%)	86	(40%)								3219	(9%)	11812
All Areas									1261	1187		5347	(9%)	4819	(10%)	2376	(20%)	61	(59%)						15051	(7%)	29994

¹ Estimate based on In-Fill process
² Estimate based on Logbook expansions
³ Includes only:
china rockfish (*Sebastes nebulosus*)
copper rockfish (*Sebastes caurinus*)
quillback rockfish (*Sebastes maliger*)
tiger rockfish (*Sebastes nigrocinctus*)
yelloweye rockfish (*Sebastes ruberrimus*)

Table 20: Final recreational Released Rockfish³ catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11													383	(28%)	405	(20%)									788	(17%)	905
Area 111													68	(44%)	5	(119%)									73	(42%)	333
Area 12													309	(32%)	850	(26%)									1159	(21%)	1798
Area 13									435 ¹		236 ¹		510	(25%)	1228	(42%)	273	(38%)	38	(64%)					2720	(27%)	984
Area 14									125 ¹		191 ¹		302	(70%)	611	(35%)	302	(35%)	33	(74%)					1564	(26%)	577
Area 15									165 ¹		127 ¹		326	(44%)	357	(34%)	140 ¹								1115	(28%)	431
Area 16									224 ¹		264 ¹		1767	(46%)	1412	(29%)	834	(45%)							4501	(24%)	1167
Area 17									306 ¹		146 ¹		498	(34%)	85	(47%)	313	(49%)							1348	(26%)	732
Area 18												99	(70%)	86	(58%)	98	(80%)								283	(41%)	615
Area 19 (GS)												23	(109%)	69	(79%)	183	(94%)								275	(66%)	127
Area 19 (JDF)												4	(106%)	115	(58%)				4	(155%)					123	(54%)	303
Area 20 (East)												247	(78%)	328	(73%)	56	(84%)	12	(116%)						643	(48%)	734
Area 20 (West)												34	(49%)	38	(79%)										72	(48%)	146
Area 21																									0		63
Area 121												12	(103%)												12	(103%)	80
Area 23 (Alberni Canal)																									0		
Area 23 (Barkley)												34	(87%)	83	(49%)	27	(44%)								144	(36%)	724
Area 123												17	(49%)	1	(99%)	12	(88%)								30	(45%)	109
Area 24												7	(75%)	6	(73%)	9	(74%)								22	(43%)	228
Area 124												63	(76%)	27	(77%)										90	(58%)	423
Area 25												422	(40%)	57	(60%)										479	(36%)	1507
Area 125												338	(50%)	116	(61%)										454	(41%)	610
Area 26									101 ¹		52 ¹		724 ²		175 ²									1052		1795	
Area 126												327 ²		216 ²		12 ¹								555		1027	
Area 27									58 ¹		507 ¹		387	(17%)	402	(31%)	382 ¹							1736	(18%)	1204	
Area 127									8 ¹		146 ¹		488	(47%)	254	(39%)	99 ¹							995	(33%)	820	
Area 28																									0		31
Area 29												36	(63%)	22	(100%)	18	(112%)								76	(49%)	221
Juan de Fuca												251	(77%)	443	(56%)	56	(84%)	16	(95%)						766	(41%)	1037
North Island												760	(20%)	1260	(19%)										2020	(14%)	3036
Strait of Georgia											1255		964	(25%)	3561	(18%)	2161	(23%)	71	(49%)					11882	(13%)	4885
WCVI											167		705	(19%)	2853	(19%)	541	(36%)							5641	(14%)	8737
All Areas											1422		1669	(15%)	6948	(12%)	2758	(22%)	87	(43%)					20309	(9%)	17694

¹Estimate based on In-Fill process
²Estimate based on Logbook expansions
³Includes only:
china rockfish(*Sebastes nebulosus*)
copper rockfish(*Sebastes caurinus*)
quillback rockfish(*Sebastes maliger*)
tiger rockfish(*Sebastes nigrocinctus*)
yelloweye rockfish(*Sebastes ruberrimus*)

Table 21: Final recreational Kept Rockfish⁴ catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.
Area 11													389	(23%)	771	(17%)									1160	(14%)	981
Area 111													62	(56%)	15	(38%)									77	(46%)	154
Area 12													232	(22%)	191	(32%)									423	(19%)	1091
Area 13													5		142	(73%)	102	(72%)							249	(51%)	424
Area 14													90	(45%)	136	(49%)	146	(59%)							372	(31%)	430
Area 15															11	(112%)									11	(112%)	323
Area 16													51	(115%)	188	(55%)	140	(81%)							379	(43%)	1283
Area 17													138	(41%)	430	(47%)	25	(58%)							593	(35%)	419
Area 18										84 ¹		159 ¹	202	(69%)	39	(48%)	71	(83%)							555	(49%)	250
Area 19 (GS)										13 ¹		22 ¹	95	(74%)	37	(80%)	8	(131%)	10	(154%)					185	(53%)	92
Area 19 (JDF)										57 ¹		4 ¹	53	(87%)	50	(56%)	100	(65%)	4	(155%)					268	(41%)	265
Area 20 (East)										24 ¹		10 ¹	112	(53%)	627	(27%)	467	(36%)							1240	(21%)	1278
Area 20 (West)										9 ¹		189 ¹	434	(24%)	1859	(22%)	736	(34%)							3227	(16%)	1663
Area 21												68 ¹	48	(101%)	57	(54%)	38	(59%)							211	(43%)	125
Area 121												63 ¹	610	(26%)	527	(31%)	220	(75%)							1420	(21%)	787
Area 23 (Alberni Canal)												43 ¹													43		68
Area 23 (Barkley)										122 ¹		536 ¹	378	(27%)	1159	(23%)	260	(38%)							2455	(17%)	4023
Area 123										18 ¹		103 ¹	281	(39%)	618	(62%)	24	(88%)							1044	(43%)	908
Area 24										11 ¹		146 ¹	143	(43%)	97	(36%)	90	(53%)							487	(26%)	684
Area 124												56 ¹	95	(39%)	81	(51%)	14	(95%)							246	(30%)	926
Area 25										102 ¹		168 ¹	780	(23%)	417	(25%)	142 ¹								1609	(18%)	2287
Area 125										6 ¹		20 ¹	415	(32%)	220	(38%)	32 ¹								693	(25%)	1615
Area 26												235 ¹	1364 ²		2609 ²		256 ¹							4464		2318	
Area 126												258 ²		218 ²		33 ¹								509		1142	
Area 27										111 ¹		337 ¹	582	(12%)	477	(19%)	240 ¹								1747	(11%)	1314
Area 127												129 ¹	440	(38%)	126	(41%)	24 ¹								719	(31%)	866
Area 28										12 ¹						34	(63%)								46	(63%)	62
Area 29										6 ¹		28 ¹	148	(75%)	293	(56%)	250	(59%)							725	(36%)	230
Juan de Fuca										81		14	165	(46%)	677	(26%)	567	(32%)	4	(155%)					1508	(19%)	1543
North Island													683	(16%)	977	(15%)									1660	(11%)	2225
Strait of Georgia										115		209	729	(29%)	1276	(24%)	776	(29%)	10	(154%)					3115	(16%)	3513
WCVI										379		2093	5828	(9%)	8465	(12%)	2109	(23%)							18874	(7%)	18725
All Areas										575		2316	7405	(8%)	11395	(9%)	3452	(16%)	14	(118%)					25157	(6%)	26006

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

⁴Includes all other rockfish including those not identified to species:

Table 22: Final recreational Released Rockfish⁴ catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2020

PFMA	January		February		March		April		May		June		July		August		September		October		November		December		Total		5 Yr. Avg	
	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE	Est.	%SE		Est.
Area 11									51 ¹	18 ¹			703	(26%)	1007	(20%)	400 ¹									2179	(16%)	881
Area 111									152 ¹	36 ¹			35	(51%)	50	(56%)										273	(39%)	679
Area 12									631 ¹	660 ¹			1294	(18%)	1714	(17%)	4946 ¹									9245	(12%)	3078
Area 13									29 ¹	73 ¹			213	(37%)	540	(37%)	108	(48%)	51	(65%)					1014	(25%)	3958	
Area 14									77 ¹	149 ¹			289	(49%)	598	(32%)	336	(42%)	23	(63%)					1472	(22%)	3942	
Area 15									25 ¹	18 ¹			328	(75%)	13	(80%)	13 ¹									397	(72%)	1707
Area 16									65 ¹	129 ¹			905	(59%)	526	(51%)	35	(121%)							1660	(41%)	2969	
Area 17									105 ¹	242 ¹			270	(41%)	162	(41%)	118	(44%)							897	(25%)	2069	
Area 18									199 ¹	294 ¹			425	(31%)	375	(29%)	795	(59%)							2088	(31%)	1758	
Area 19 (GS)									10 ¹	109 ¹			209	(45%)	409	(37%)	519	(61%)	46	(104%)					1302	(31%)	1201	
Area 19 (JDF)									326 ¹	20 ¹			484	(48%)	693	(49%)	389	(28%)	53	(82%)					1965	(27%)	1972	
Area 20 (East)									110 ¹	17 ¹			829	(37%)	1741	(24%)	1044	(33%)	158	(83%)					3899	(17%)	5476	
Area 20 (West)									1 ¹	79 ¹			62	(71%)	123	(47%)										265	(39%)	1369
Area 21										34 ¹			5	(105%)										39	(105%)	79		
Area 121													56	(75%)	68	(88%)										124	(59%)	228
Area 23 (Alberni Canal)									25 ¹	158 ¹			52	(59%)	16	(106%)	12	(105%)							263	(46%)	81	
Area 23 (Barkley)									108 ¹	163 ¹			481	(32%)	806	(39%)	272	(29%)							1830	(23%)	3863	
Area 123										47 ¹			118	(31%)	49	(65%)										214	(29%)	447
Area 24										367 ¹			88	(80%)	53	(74%)	64	(121%)							572	(55%)	312	
Area 124										24 ¹			65	(84%)	12	(45%)	5	(120%)							106	(67%)	489	
Area 25									88 ¹	151 ¹			534	(31%)	505	(40%)	28 ¹									1306	(25%)	3509
Area 125									3 ¹	64 ¹			449	(76%)	35	(77%)	3 ¹									554	(70%)	694
Area 26													306 ²		155 ²										461		635	
Area 126													40 ²		33 ²										73		483	
Area 27													517	(20%)	752	(29%)										1269	(19%)	2735
Area 127													352	(74%)	12	(100%)										364	(72%)	322
Area 28									94 ¹	121 ¹														215		316		
Area 29									21 ¹	206 ¹														227		1377		
Juan de Fuca									436	37			1313	(29%)	2434	(22%)	1433	(25%)	211	(66%)					5864	(14%)	7448	
North Island									834	714			2032	(15%)	2771	(13%)	5346									11697	(10%)	4639
Strait of Georgia									625	1341			2639	(24%)	2623	(17%)	1924	(31%)	120	(50%)					9272	(13%)	19297	
WCVI									225	1087			3125	(18%)	2619	(18%)	384	(32%)							7440	(12%)	15247	
All Areas									2120	3179			9109	(11%)	10447	(9%)	9087	(19%)	331	(46%)					34273	(6%)	46631	

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

⁴Includes all other rockfish including those not identified to species: