



**South Coast Assessment Bulletin
2022 Creel Survey Update
Recreational Fishery South Coast Tidal Waters**

Overview:

This bulletin provides a final review of the 2022 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, study area, and methods used to collect data and generate these estimates are provided in the first bulletin of 2022 available at 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 2022. The data you provided 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 are available here:

<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 Tables 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 available here:

<https://www.pac.dfo-mpo.gc.ca/fm-gp/maps-cartes/areas-secteurs/index-eng.html>

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. Estimates are partitioned by creel area and month, and are summarized by region. 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 to 27, 123 to 127); 3) Strait of Georgia (PFMAs 13 to 18, 19-7 to 19-12, 28, 29) and 4.) Juan de Fuca (PFMAs 19-1 to 19-6, 20-5). These tables also include annual and 5-year average estimates by creel area and region. Percent standard error (%SE, a measure of uncertainty) is presented where available. 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 Tables 19 and 20 as well as those unidentified to species; Tables 21 and 22).

This bulletin reports catch during the peak fishing season April-Sept with some additions in shoulder months where there is enough fishing effort to produce creel estimates. Blanks within the peak season indicate zero catch. Blanks outside this interval were not surveyed. As of the 2022 Annual Bulletin, catch estimates from the iREC program are reported in the peak season where the creel program was not run. These estimates are footnoted as 'In-Fill'. Estimates from iREC are calibrated using the creel program for all species reported here. Until the iREC estimation methods were reviewed, we used an alternative indirect estimation method for the infill.

Contacts:

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Table 1: Number of Creel Survey Interviews by Pacific Fishery Management Area (PFMA), 2022.

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						93	121	67					281	279
Area 111						19	4	3					26	70
Area 12						94	379	231		8			712	1607
Area 13				25	89	150	322	423	267	141			1417	969
Area 14				25	80	101	411	473	338	96			1524	915
Area 15				4	26	36	59	25	27	2			179	197
Area 16				17	24	51	86	71	54				303	91
Area 17			1	90	165	179	414	421	249				1519	666
Area 18			46	47	43	45	62	67	58	21			389	236
Area 19 (GS)			46	76	68	43	69	114	50	56			522	327
Area 19 (JDF)			181	82	110	72	100	217	202	140			1104	772
Area 20 (West)						156	401	568	176				1301	1005
Area 20 (East)			166	89	108	198	355	362	394	351			2023	1256
Area 21						97	130	11	1				239	128
Area 121						132	198	148	10				488	274
Area 23 (Barkley)						260	491	503	223				1477	576
Area 23 (Alberni Canal)						169	84	283	137				673	807
Area 123						172	357	447	155				1131	645
Area 24						68	119	171	37				395	151
Area 124						121	256	290	47				714	375
Area 25						180	563	474	33				1250	1269
Area 125						123	171	56	4				354	281
Area 26						13	69	76	2				160	56
Area 126						11	28	22					61	114
Area 27						99	282	194					575	671
Area 127						42	130	111					283	273
Area 28				28	33	34	44	69	76	34			318	231
Area 29			2	3	14	26	39	35	120	6			245	230
Juan de Fuca	0		347	171	218	270	455	579	596	491		0	3127	2028
WCVI	0	0	0	0	0	1643	3279	3354	825	0	0	0	9101	6625
North Island	0	0	0	0	0	206	504	301	0	8	0	0	1019	1956
Strait of Georgia	0	0	95	315	542	665	1506	1698	1239	356	0	0	6416	3862
All Areas			442	486	760	2784	5744	5932	2660	855			19663	14471

Table 2: Number of aerial and on-water effort counts by Pacific Fishery Management Area (PFMA), 2022.

PFMA	January	February	March	April	May	June	July	August	September	October	November	December	Total	5 Yr. Avg.
Area 11						7	6	6					19	18
Area 111						7	7	5					19	16
Area 12				7	6	7	7	7					34	19
Area 13				7	6	8	12	10	8	7			58	51
Area 14				7	6	8	12	10	8	6			57	51
Area 15				7	6	8	12	10	8	7			58	42
Area 16				7	6	8	12	10	8	6			57	41
Area 17				6	6	8	12	10	8	6			56	43
Area 18		1		6	7	8	12	10	8	6			58	43
Area 19 (GS)		1	8	6	7	8	12	11	8	9			70	65
Area 19 (JDF)		1	8	6	7	8	12	10	8	8			68	64
Area 20 (East)		1	8	6	7	8	12	10	8	8			68	61
Area 20 (West)				1		14	15	15	14				59	34
Area 21						9	8	9	8				34	25
Area 121						9	9	9	8				35	26
Area 23 (Alberni Canal)						9	9	9	8				35	34
Area 23 (Barkley)						9	9	9	8				35	30
Area 123						9	9	10	8				36	30
Area 24						9	8	9	7				33	27
Area 124						9	9	9	7				34	28
Area 25						7	10	10	4				31	22
Area 125						7	10	7	4				28	21
Area 26						7	8	7					22	15
Area 126						9	12	11	1				33	18
Area 27				2	4	7	10	7					30	20
Area 127						6	8	7					21	19
Area 28				6	6	8	12	10	8	6			56	45
Area 29				6	6	8	12	10	8	6			56	46
WCVI				2	4	9	10	9	7				33	25
Strait of Georgia		1	8	6	6	8	12	10	8	7			58	48
Juan de Fuca		1	8	6	7	8	12	10	8	8			68	63
North Island				7	6	7	7	6					24	18

Table 3: Final recreational kept Chinook catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2022, 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						378	705	487	28 ¹	1598	1598
Area 111						595	188	72	2 ¹	857	857
Area 12						271	771	792	179 ¹	2013	2013
Area 13						434	8491	8724	3769	21418	21418
Area 14							4532	8799	2007	15338	15338
Area 15						1664	1782	2473	211	6130	6130
Area 16						330	1742	565	20	2657	2657
Area 17						6	2068	1444	564	4082	4082
Area 18								278	86	364	364
Area 19 (GS)								101	55	156	156
Area 19 (JDF)								1182	713	1895	1895
Area 20 (West)							823	3088	1225	5136	5136
Area 20 (East)						150	440	7589	3896	12075	12075
Area 21	822	938			1760			16		16	1776
Area 121		2441	4141	104	6686			18		18	6704
Area 23 (Barkley)	3116	4487			7603			7356	717	8073	15676
Area 23 (Alberni Canal)	5	8			13			8306	1008	9314	9327
Area 123	503	3889	2426	83	6901			4498	898	5396	12297
Area 24	222	198			420			11	165	176	596
Area 124	427	780	1628	24	2859			483	141	624	3483
Area 25	1983				1983		4189	4664	99	8952	10935
Area 125	834	35	99		968		1382	222		1604	2572
Area 26	789 ²				789		2812 ²	3197 ²	118 ¹	6127	6916
Area 126	4 ²	75 ²	59 ²	41 ¹	179						179
Area 27	1127				1127		1028	746	182 ¹	1956	3083
Area 127	96	1145	681	86 ¹	2008		151	161		312	2320
Area 28							21	141	1499	1661	1661
Area 29							460	368	7869	8697	8697
Strait of Georgia						2434	19096	22893	16080	60503	60503
North Island						1244	1664	1351	209	4468	4468
Juan de Fuca						150	440	8771	4609	13970	13970
WCVI	9928	13996	9034	338	33296		10385	32766	4553	47704	81000
All Areas	9928	13996	9034	338	33296	3828	31585	65781	25451	126645	159941

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), 2022

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									970 ¹	(27%)	210	(24%)	629	(12%)	501	(16%)	1162 ¹	(23%)							3472	(13%)	1734
Area 111							25 ¹	(53%)	114 ¹	(67%)	275	(30%)	176	(31%)	90	(66%)	132 ¹	(34%)							812	(18%)	701
Area 12							968 ¹	(23%)	3581 ¹	(19%)	528	(23%)	2641	(16%)	1695	(15%)	7383 ¹	(21%)							16796	(11%)	11817
Area 13							267	(23%)	654	(13%)	1060	(12%)	7042	(5%)	8966	(12%)	4465	(13%)	1150	(21%)					23604	(10%)	25614
Area 14							360	(27%)	639	(21%)	1183	(15%)	4068	(9%)	8351	(9%)	3290	(18%)	1631	(18%)					19522	(16%)	20691
Area 15							213	(24%)	535	(29%)	1275	(10%)	1888	(14%)	3246	(22%)	561	(15%)							7718	(16%)	7994
Area 16							599	(41%)	611	(17%)	851	(15%)	3533	(11%)	1855	(8%)	539	(11%)							7988	(24%)	9916
Area 17							698	(32%)	1677	(14%)	946	(15%)	3122	(13%)	4026	(14%)	2135	(18%)							12604	(24%)	11854
Area 18							181	(27%)	810	(15%)	593	(12%)	987	(9%)	1105	(8%)	783	(8%)							4459	(51%)	6012
Area 19 (GS)					384	(21%)	77	(30%)	531	(14%)	444	(12%)	427	(18%)	626	(13%)	509	(18%)	173	(25%)					3171	(41%)	3335
Area 19 (JDF)					746	(32%)	327	(37%)	1269	(28%)	599	(16%)	1417	(16%)	2730	(12%)	1904	(8%)	1026	(25%)					10018	(23%)	10908
Area 20 (East)					489	(22%)	412	(33%)	1199	(23%)	2095	(12%)	5377	(11%)	9427	(6%)	6503	(9%)	3824	(30%)					29326	(8%)	26169
Area 20 (West)							653 ¹	(26%)	844 ¹	(26%)	269	(11%)	1296	(7%)	3306	(6%)	1428	(12%)							7796	(13%)	6836
Area 21							103 ¹	(60%)	449 ¹	(22%)	223	(64%)	244	(43%)	75	(41%)	2	(89%)							1096	(20%)	640
Area 121							273 ¹	(45%)	1107 ¹	(17%)	426	(16%)	765	(21%)	958	(12%)	126	(42%)							3655	(9%)	2725
Area 23 (Alberni Canal)							979 ¹	(68%)	1769 ¹	(20%)	1377	(20%)	1051	(16%)	5855	(10%)	1215	(23%)							12246	(9%)	9553
Area 23 (Barkley)							3106 ¹	(18%)	7078 ¹	(12%)	1657	(9%)	3755	(7%)	6605	(6%)	1942	(12%)							24143	(8%)	14977
Area 123							547 ¹	(28%)	1893 ¹	(19%)	388	(15%)	1675	(17%)	2790	(8%)	749	(21%)							8042	(9%)	7362
Area 24							503 ¹	(23%)	1583 ¹	(16%)	256	(25%)	448	(14%)	380	(15%)	242	(21%)							3412	(14%)	1164
Area 124							462 ¹	(23%)	1174 ¹	(16%)	483	(20%)	720	(17%)	1088	(12%)	249	(20%)							4176	(7%)	2946
Area 25							381 ¹	(56%)	4704 ¹	(17%)	942	(13%)	3686	(13%)	4243	(11%)	289	(13%)							14245	(8%)	12112
Area 125							21 ¹	(51%)	1423 ¹	(24%)	523	(21%)	1324	(15%)	445	(28%)	15	(27%)							3751	(12%)	3269
Area 26							119 ¹	(55%)	98 ¹	(61%)	380 ²	(0%)	1244 ²	(0%)	1893 ²	(0%)	1075 ¹	(54%)							4809	(45%)	3505
Area 126							9 ¹	(71%)	33 ¹	(42%)	493 ²	(0%)	1007 ²	(0%)	1273 ²	(0%)	585 ¹	(47%)							3400	(45%)	2552
Area 27							1661 ¹	(35%)	3766 ¹	(21%)	885	(15%)	1558	(5%)	1310	(8%)	6805 ¹	(24%)							15985	(13%)	4060
Area 127									483 ¹	(33%)	395	(28%)	785	(14%)	702	(16%)	2090 ¹	(22%)							4455	(12%)	1614
Area 28							1229	(38%)	324	(22%)	399	(11%)	737	(13%)	1500	(10%)	2922	(32%)	590	(20%)					7701	(52%)	6286
Area 29							432	(27%)	1218	(19%)	736	(22%)	1338	(10%)	1895	(12%)	7037	(21%)	584	(32%)					13240	(22%)	16542
Juan de Fuca					1235	(21%)	739	(24%)	2468	(18%)	2694	(10%)	6794	(9%)	12157	(6%)	8407	(7%)	4850	(24%)					39344	(8%)	37077
North Island							993	(22%)	4665	(15%)	1013	(15%)	3446	(13%)	2286	(12%)	8677	(18%)							21080	(9%)	14252
Strait of Georgia					384	(1198%)	4056	(15%)	6999	(6%)	7487	(5%)	23142	(4%)	31570	(5%)	22241	(9%)	4128	(50%)					100007	(8%)	108244
WCVI							8817	(13%)	26404	(6%)	8697	(6%)	19558	(4%)	30923	(3%)	16812	(11%)							111211	(4%)	73315
All Areas					1619	(294%)	14605	(9%)	40536	(5%)	19891	(3%)	52940	(3%)	76936	(3%)	56137	(6%)	8978	(32%)					271642	(4%)	232888

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), 2022

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									114 ¹	(36%)	378	(29%)	705	(15%)	487	(24%)	28 ¹	(24%)							1712	(11%)	3663
Area 111									10 ¹	(90%)	595	(37%)	188	(59%)	72	(84%)	2 ¹	(90%)							867	(30%)	1802
Area 12									5 ¹	(85%)	271	(58%)	771	(21%)	792	(20%)	179 ¹	(37%)							2018	(14%)	5741
Area 13							25	(0%)	154	(42%)	434	(22%)	8491	(7%)	8724	(15%)	3769	(17%)	385	(34%)					21982	(7%)	19877
Area 14							77	(67%)	10	(73%)			4532	(13%)	8799	(10%)	2007	(20%)	799	(29%)					16224	(8%)	11354
Area 15							7	(0%)	137	(38%)	1664	(17%)	1782	(24%)	2473	(31%)	211	(32%)							6274	(15%)	4825
Area 16									161	(34%)	330	(25%)	1742	(19%)	565	(25%)	20	(68%)							2818	(15%)	3290
Area 17							22	(159%)			6	(96%)	2068	(16%)	1444	(18%)	564	(25%)							4104	(13%)	3386
Area 18															278	(24%)	86	(59%)							364	(71%)	834
Area 19 (GS)					50	(45%)									101	(27%)	55	(62%)	11	(72%)					217	(34%)	432
Area 19 (JDF)					264	(53%)									1179	(12%)	714	(16%)	114	(41%)					2271	(19%)	2499
Area 20 (East)					500	(20%)	6	(89%)			150	(38%)	438	(31%)	7588	(8%)	3895	(10%)	730	(22%)					13307	(6%)	12012
Area 20 (West)							9 ¹	(92%)	7 ¹	(68%)			825	(11%)	3089	(7%)	1224	(15%)							5154	(6%)	7649
Area 21							11 ¹	(77%)	73 ¹	(22%)	822	(38%)	936	(27%)	16	(85%)									1858	(21%)	1165
Area 121							2 ¹	(77%)	46 ¹	(38%)			2441	(16%)	4160	(13%)	104	(47%)							6753	(10%)	6094
Area 23 (Alberni Canal)							5 ¹	(66%)	326 ¹	(24%)	5	(121%)	8	(110%)	8306	(12%)	1008	(28%)							9658	(11%)	5334
Area 23 (Barkley)							182 ¹	(31%)	1287 ¹	(10%)	3116	(11%)	4487	(9%)	7356	(9%)	717	(20%)							17145	(5%)	15706
Area 123							47 ¹	(33%)	162 ¹	(27%)	503	(18%)	3889	(16%)	6924	(8%)	981	(26%)							12506	(7%)	15795
Area 24							13 ¹	(35%)	135 ¹	(21%)	222	(33%)	198	(23%)	11	(83%)	165	(34%)							744	(14%)	588
Area 124							12 ¹	(78%)	28 ¹	(34%)	427	(22%)	780	(22%)	2111	(13%)	165	(41%)							3523	(10%)	3956
Area 25									513 ¹	(18%)	1983	(12%)	4189	(13%)	4664	(14%)	99	(40%)							11448	(8%)	12892
Area 125							2 ¹	(77%)	133 ¹	(29%)	834	(25%)	1417	(20%)	321	(50%)									2707	(14%)	3417
Area 26											789 ²	(%)	2811 ²	(%)	3198 ²	(%)	118 ¹	(63%)							6916	(63%)	5025
Area 126							2 ¹	(64%)	2 ¹	(77%)	4 ²	(%)	74 ²	(%)	59 ²	(%)	41 ¹	(33%)							182	(30%)	2739
Area 27							74 ¹	(55%)	323 ¹	(29%)	1127	(18%)	1028	(9%)	746	(13%)	182 ¹	(28%)							3480	(8%)	3004
Area 127									15 ¹	(60%)	96	(60%)	1296	(20%)	842	(24%)	86 ¹	(27%)							2335	(15%)	1311
Area 28							2	(0%)	3	(0%)			21	(69%)	141	(58%)	1499	(47%)	83	(35%)					1749	(48%)	1145
Area 29													460	(18%)	368	(37%)	7869	(30%)	60	(49%)					8757	(28%)	6128
Juan de Fuca					764	(23%)	6	(89%)			150	(38%)	438	(31%)	8767	(7%)	4609	(9%)	844	(20%)					15578	(6%)	14510
North Island									129	(33%)	1244	(24%)	1664	(13%)	1351	(15%)	209	(32%)							4597	(9%)	11206
Strait of Georgia					50	(1408%)	133	(47%)	465	(21%)	2434	(13%)	19096	(6%)	22893	(8%)	16080	(16%)	1338	(21%)					62489	(6%)	51271
WCVI							359	(21%)	3050	(7%)	9928	(7%)	24379	(5%)	41803	(4%)	4890	(10%)							84409	(3%)	84676
All Areas					814	(91%)	498	(19%)	3644	(7%)	13756	(6%)	45577	(4%)	74814	(4%)	25788	(10%)	2182	(15%)					167073	(3%)	161664

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), 2022

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									91 ¹	(57%)	124	(35%)	380	(29%)	172	(44%)	9 ¹	(76%)							776	(19%)	1332
Area 111							3 ¹	(85%)			54	(95%)					23 ¹	(45%)							80	(65%)	551
Area 12											313	(44%)	4950	(25%)	1783	(22%)	1021 ¹	(60%)							8067	(18%)	11553
Area 13							152	(49%)	763	(29%)	4641	(14%)	20401	(8%)	20290	(13%)	7008	(21%)	783	(38%)					54038	(7%)	36360
Area 14							2305	(43%)	1989	(27%)	3895	(15%)	13581	(9%)	18384	(13%)	5137	(22%)	1779	(23%)					47070	(9%)	33448
Area 15							218	(57%)	522	(33%)	5882	(16%)	5097	(17%)	5577	(26%)	997	(21%)							18293	(11%)	7668
Area 16							107	(95%)	229	(36%)	760	(26%)	6373	(21%)	2415	(23%)	176	(43%)							10060	(16%)	5700
Area 17							2084	(52%)	808	(29%)	2471	(22%)	12884	(17%)	11010	(17%)	4962	(24%)							34219	(11%)	19044
Area 18							5	(105%)	269	(39%)	365	(33%)	1086	(23%)	1821	(28%)	1279	(42%)							4825	(18%)	1197
Area 19 (GS)					215	(46%)	6	(87%)	50	(60%)	26	(49%)	247	(54%)	531	(31%)	196	(46%)	40	(65%)					1311	(35%)	1163
Area 19 (JDF)					219	(60%)	8	(78%)	45	(70%)	12	(105%)	269	(34%)	2051	(19%)	1787	(24%)	174	(36%)					4565	(21%)	3292
Area 20 (East)					544	(26%)	70	(44%)	497	(51%)	2676	(16%)	9960	(12%)	36952	(11%)	13702	(12%)	1702	(28%)					66103	(7%)	24563
Area 20 (West)											215	(32%)	1749	(18%)	3422	(15%)	1676	(24%)							7062	(13%)	3901
Area 21							25 ¹	(66%)	69 ¹	(43%)	493	(43%)	243	(57%)	120	(66%)									950	(28%)	122
Area 121									9 ¹	(68%)			742	(28%)	2448	(16%)	75	(112%)							3274	(13%)	2346
Area 23 (Alberni Canal)									507 ¹	(34%)	6	(120%)	22	(106%)	1130	(31%)	166	(60%)							1831	(22%)	580
Area 23 (Barkley)							392 ¹	(51%)	2654 ¹	(19%)	9016	(12%)	21338	(9%)	11256	(14%)	1043	(22%)							45699	(6%)	30564
Area 123							62 ¹	(33%)	406 ¹	(35%)	393	(23%)	5006	(22%)	6387	(14%)	545	(29%)							12799	(11%)	11618
Area 24									98 ¹	(43%)	76	(44%)	300	(32%)	126	(28%)	121	(69%)							721	(25%)	484
Area 124									11 ¹	(68%)	225	(44%)	1254	(42%)	1129	(19%)	45	(84%)							2664	(22%)	1144
Area 25									921 ¹	(35%)	2800	(19%)	7785	(13%)	3850	(14%)	321	(45%)							15677	(8%)	10443
Area 125									140 ¹	(55%)	1876	(28%)	1742	(27%)	792	(101%)									4550	(23%)	2203
Area 26									24 ¹	(67%)	381 ²	(%)	1448 ²	(%)	895 ²	(%)	116 ¹	(89%)							2864	(75%)	1455
Area 126													61 ²	(%)	25 ²	(%)	16 ¹	(55%)							102	(55%)	685
Area 27							379 ¹	(88%)	861 ¹	(36%)	1066	(28%)	1352	(17%)	454	(22%)	1264 ¹	(69%)							5376	(20%)	2412
Area 127									36 ¹	(72%)	30	(121%)	184	(36%)	262	(49%)	67 ¹	(31%)							579	(26%)	354
Area 28							1245	(54%)	220	(18%)	630	(28%)	843	(43%)	905	(35%)	472	(69%)	36	(44%)					4351	(59%)	1660
Area 29							811	(52%)	1492	(29%)	1763	(30%)	3065	(16%)	5191	(18%)	7145	(23%)	181	(85%)					19648	(14%)	10566
Juan de Fuca					763	(25%)	78	(40%)	542	(47%)	2688	(15%)	10229	(12%)	39003	(11%)	15489	(11%)	1876	(25%)					70668	(7%)	27855
North Island							3	(85%)	91	(57%)	491	(31%)	5330	(23%)	1955	(21%)	1053	(58%)							8923	(16%)	13436
Strait of Georgia					215	(1102%)	6933	(24%)	6342	(12%)	20433	(7%)	63577	(5%)	66124	(7%)	27372	(10%)	2819	(36%)					193815	(4%)	116805
WCVI							858	(46%)	5736	(12%)	16577	(8%)	43226	(6%)	32296	(7%)	5455	(19%)							104148	(4%)	68310
All Areas					978	(243%)	7872	(22%)	12711	(9%)	40189	(5%)	12236	(4%)	13937	(5%)	49369	(7%)	4695	(27%)					377554	(3%)	226406

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), 2022

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	(64%)	26	(42%)	906	(18%)	525	(26%)	99 ¹	(20%)							1558	(14%)	653
Area 111													3	(%)	56	(101%)	4 ¹	(76%)							63	(90%)	302
Area 12													2646	(18%)	225	(25%)	234 ¹	(42%)							3105	(16%)	3002
Area 13													52	(60%)	508	(29%)	2952	(12%)	52	(59%)					3564	(11%)	2345
Area 14											31	(60%)	57	(43%)	291	(36%)	1001	(26%)	508	(23%)					1888	(16%)	3161
Area 15															62	(61%)	59	(50%)							121	(40%)	342
Area 16															13	(148%)	4	(112%)							17	(551%)	258
Area 17													58	(41%)	212	(40%)	150	(32%)							420	(30%)	1161
Area 18											11	(89%)					48	(62%)							59	(54%)	74
Area 19 (GS)															2	(136%)			23	(49%)					25	(46%)	3
Area 19 (JDF)															68	(58%)	425	(19%)	335	(32%)					828	(17%)	349
Area 20 (East)											1278	(27%)	8245	(14%)	2816	(17%)	4678	(13%)	9455	(22%)					26472	(10%)	10200
Area 20 (West)													401	(24%)	353	(20%)	1239	(24%)							1993	(23%)	2857
Area 21											5	(98%)	45	(71%)											50	(65%)	122
Area 121										20 ¹	(90%)		440	(28%)	1895	(17%)	56	(60%)							2411	(15%)	6083
Area 23 (Alberni Canal)										9 ¹	(46%)				366	(29%)	223	(30%)							598	(24%)	624
Area 23 (Barkley)										20 ¹	(37%)	915	(18%)	4478	(9%)	3940	(10%)	1400	(17%)						10753	(6%)	5934
Area 123												26	(42%)	1349	(22%)	1271	(16%)	304	(34%)						2950	(13%)	6076
Area 24												80	(59%)	1047	(17%)	1077	(16%)	293	(26%)						2497	(12%)	894
Area 124												63	(40%)	152	(41%)	123	(31%)	41	(101%)						379	(23%)	793
Area 25												723	(21%)	3004	(10%)	2066	(22%)	221	(39%)						6014	(10%)	3954
Area 125												484	(24%)	1501	(25%)	241	(48%)								2226	(18%)	1071
Area 26												129 ²	(%)	1344 ²	(%)	2022 ²	(%)	136 ¹	(43%)						3631	(43%)	798
Area 126													30 ²	(%)	61 ²	(%)	18 ¹	(48%)							109	(48%)	330
Area 27										2 ¹	(89%)	499	(28%)	2458	(8%)	1609	(13%)	954 ¹	(36%)						5522	(8%)	3437
Area 127												56	(52%)	225	(27%)	153	(42%)	109 ¹	(31%)						543	(18%)	525
Area 28													17	(69%)	344	(34%)	706	(54%)	46	(82%)					1113	(36%)	929
Area 29												32	(118%)	13	(86%)	254	(40%)	1618	(38%)	109	(58%)				2026	(31%)	1013
Juan de Fuca												1278	(27%)	8245	(14%)	2884	(16%)	5103	(12%)	9790	(21%)				27300	(9%)	10549
North Island											2	(64%)	26	(42%)	3555	(14%)	806	(20%)	337	(29%)					4726	(11%)	3957
Strait of Georgia												74	(59%)	197	(25%)	1686	(15%)	6538	(13%)	738	(25%)				9233	(10%)	9286
WCVI												51	(39%)	2980	(10%)	16474	(5%)	15177	(6%)	4994	(11%)				39676	(4%)	33501
All Areas												53	(38%)	4358	(11%)	28471	(6%)	20553	(5%)	16972	(7%)	10528	(20%)		80935	(4%)	57293

¹Estimate based on In-Fill process

²Estimate based on Logbook expansions

Table 8: Final recreational Released Coho catch estimates (number of fish) by Pacific Fishery Management Area (PFMA), 2022

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											1	(124%)	160	(54%)	153	(48%)	15 ¹	(38%)							329	(35%)	244
Area 111																	32 ¹	(56%)							32	(56%)	37
Area 12													3157	(26%)	916	(29%)	529 ¹	(60%)							4602	(20%)	5700
Area 13									2	(243%)	56	(45%)	628	(39%)	3392	(19%)	1209	(17%)	161	(47%)					5448	(13%)	13847
Area 14							227	(87%)	23	(67%)	119	(64%)	298	(28%)	1500	(23%)	1994	(45%)	2338	(23%)					6499	(17%)	13301
Area 15											127	(64%)	18	(49%)	1036	(56%)	35	(42%)							1216	(48%)	1440
Area 16									23	(129%)			83	(82%)	86	(46%)									192	(221%)	1613
Area 17							23	(152%)			27	(52%)	104	(39%)	830	(26%)	1856	(30%)							2840	(22%)	4809
Area 18													6	(111%)	8	(111%)	273	(52%)							287	(72%)	227
Area 19 (GS)															24	(113%)			2	(152%)					26	(105%)	49
Area 19 (JDF)													10	(110%)	380	(27%)	2550	(14%)	270	(36%)					3210	(12%)	938
Area 20 (East)											3737	(24%)	27994	(13%)	15647	(13%)	20140	(12%)	10355	(23%)					77873	(7%)	24322
Area 20 (West)											34	(57%)	1134	(26%)	1627	(23%)	2917	(33%)							5712	(24%)	4743
Area 21											4	(173%)	39	(73%)											43	(68%)	107
Area 121													326	(31%)	2705	(18%)	35	(93%)							3066	(17%)	8334
Area 23 (Alberni Canal)									21 ¹	(95%)							22	(80%)							43	(62%)	98
Area 23 (Barkley)									21 ¹	(51%)	229	(31%)	1970	(20%)	788	(24%)	492	(41%)							3500	(14%)	3168
Area 123									21 ¹	(95%)	67	(34%)	2605	(27%)	2674	(20%)	378	(36%)							5745	(16%)	12613
Area 24											8	(90%)	274	(28%)	129	(34%)	24	(66%)							435	(33%)	208
Area 124											1	(0%)	122	(25%)	293	(25%)									416	(19%)	1217
Area 25									3 ¹	(81%)	686	(34%)	1688	(23%)	814	(44%)	99	(87%)							3290	(18%)	1659
Area 125									12 ¹	(93%)	379	(31%)	485	(32%)	29	(111%)									905	(22%)	1097
Area 26									37 ¹	(68%)	5 ²	(%)	220 ²	(%)	95 ²	(%)	9 ¹	(52%)							366	(55%)	207
Area 126													66 ²	(%)	18 ²	(%)	10 ¹	(80%)							94	(80%)	762
Area 27									12 ¹	(93%)	78	(54%)	1458	(21%)	623	(18%)	1153 ¹	(47%)							3324	(19%)	1773
Area 127													860	(28%)	171	(52%)	178 ¹	(30%)							1209	(22%)	950
Area 28															159	(60%)	26	(63%)	17	(107%)					202	(81%)	491
Area 29											1	(47%)	5	(0%)	682	(31%)	2656	(34%)	112	(49%)					3456	(27%)	2658
Juan de Fuca											3737	(24%)	28004	(13%)	16027	(12%)	22690	(11%)	10625	(23%)					81083	(7%)	25260
North Island											1	(124%)	3317	(25%)	1069	(26%)	576	(56%)							4963	(19%)	5981
Strait of Georgia							250	(81%)	48	(70%)	330	(35%)	1142	(24%)	7717	(13%)	8049	(18%)	2630	(27%)					20166	(10%)	38435
WCVI										127	(33%)	1491	(18%)	11247	(10%)	9966	(10%)	5317	(21%)						28148	(7%)	36936
All Areas							250	(81%)	175	(31%)	5559	(17%)	43710	(9%)	34779	(7%)	36632	(8%)	13255	(20%)					134360	(5%)	106611

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), 2022

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	(171%)									3	(171%)	3	
Area 111																											2	
Area 12												12	(105%)													12	(105%)	42
Area 13														2	(%)	105	(36%)	863	(39%)							970	(35%)	1614
Area 14																				28	(88%)					28	(88%)	7
Area 15																											3	
Area 16																											61	
Area 17																									0		25	
Area 18																												
Area 19 (GS)																											2	
Area 19 (JDF)																											25	
Area 20 (East)												15	(94%)					40	(75%)							55	(60%)	73
Area 20 (West)																											15	
Area 21																												
Area 121																											0	
Area 23 (Alberni Canal)																												
Area 23 (Barkley)																											38	
Area 123																											7	
Area 24																												
Area 124														2	(98%)										2	(98%)	2	
Area 25																									0		16	
Area 125																												
Area 26																											2	
Area 126																											7	
Area 27												6	(98%)			2	(119%)								8	(79%)	26	
Area 127																											1	
Area 28																									0			
Area 29																									0		71	
Juan de Fuca												15	(94%)					40	(75%)							55	(60%)	98
North Island													12	(105%)	3	(171%)									15	(90%)	47	
Strait of Georgia														2	(%)	105	(36%)	891	(38%)							998	(34%)	1782
WCVI												6	(98%)			4	(77%)								10	(67%)	114	
All Areas												21	(73%)	12	(105%)	9	(66%)	145	(34%)	891	(38%)					1078	(32%)	2041

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), 2022

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																	8 ¹	(44%)							8	(44%)	0	
Area 111																											0	
Area 12																											0	21
Area 13														1	(%)					102	(62%)					103	(61%)	175
Area 14																	15	(102%)							15	(102%)	23	
Area 15																											8	
Area 16																											30	
Area 17																	14	(90%)							14	(94%)	0	
Area 18																												
Area 19 (GS)																											0	
Area 19 (JDF)																											0	
Area 20 (East)																									0		21	
Area 20 (West)																											3	
Area 21																												
Area 121																											18	
Area 23 (Alberni Canal)																												
Area 23 (Barkley)																											0	
Area 123																											0	
Area 24																												
Area 124																									0		2	
Area 25												4	(121%)											4	(121%)	4		
Area 125																												
Area 26																											7	
Area 126															1 ²	(%)									1	17		
Area 27																											0	86
Area 127																											0	
Area 28																	69	(101%)							69	(101%)		
Area 29																	62	(95%)							62	(95%)	8	
Juan de Fuca																									0		21	
North Island																	8	(44%)							8	(44%)	22	
Strait of Georgia														1	(%)	160	(58%)	102	(98%)							263	(52%)	244
WCVI												4	(121%)			1	(0%)							5	(147%)	136		
All Areas												4	(121%)			2	(0%)	168	(56%)	102	(98%)			276	(50%)	423		

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), 2022

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												46	(67%)	2	(%)	4 ¹	(80%)							52	(59%)	46	
Area 111																											19
Area 12												1468	(22%)	301	(31%)	65 ¹	(59%)							1834	(19%)	3220	
Area 13												1259	(25%)	6087	(16%)	343	(32%)	3	(165%)					7692	(14%)	4875	
Area 14												53	(52%)	430	(35%)	57	(57%)							540	(29%)	1087	
Area 15											18	(61%)	20	(83%)	43	(70%)								81	(45%)	403	
Area 16																								0		184	
Area 17												27	(61%)	228	(41%)									255	(47%)	862	
Area 18																								0		497	
Area 19 (GS)																								0		23	
Area 19 (JDF)															21	(82%)								21	(82%)	1089	
Area 20 (East)											15	(94%)	222	(38%)	122	(57%)	128	(53%)						487	(27%)	12165	
Area 20 (West)															9	(105%)								9	(105%)	229	
Area 21																										4	
Area 121																										398	
Area 23 (Alberni Canal)																										5	
Area 23 (Barkley)							18 ¹	(97%)				20	(65%)											38	(57%)	178	
Area 123												10	(89%)	5	(95%)									15	(67%)	313	
Area 24																										17	
Area 124									2 ¹	(72%)														2	(72%)	92	
Area 25												7	(117%)											7	(117%)	62	
Area 125																										107	
Area 26												7 ²	(%)											7		16	
Area 126															1 ²	(%)								1		184	
Area 27											23	(67%)	48	(27%)	8	(71%)	5 ¹	(68%)						84	(25%)	104	
Area 127												14	(79%)											14	(79%)	69	
Area 28																								0		2007	
Area 29																								0		4718	
Juan de Fuca											15	(94%)	222	(38%)	143	(50%)	128	(53%)						508	(26%)	13254	
North Island													1514	(22%)	303	(30%)	69	(56%)						1886	(18%)	3285	
Strait of Georgia											18	(61%)	1359	(24%)	6788	(15%)	400	(29%)	3	(1162%)				8568	(13%)	14655	
WCVI							18	(97%)	2	(72%)	23	(67%)	106	(25%)	23	(55%)	5	(68%)						177	(21%)	1776	
All Areas							18	(97%)	2	(72%)	56	(42%)	3201	(15%)	7257	(14%)	602	(23%)	3	(1162%)				11139	(10%)	32970	

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), 2022

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									28 ¹	(90%)			70	(82%)											98	(64%)	36
Area 111																											24
Area 12													1629	(32%)	239	(38%)	32 ¹	(84%)							1900	(28%)	2666
Area 13									7	(70%)			968	(23%)	5537	(17%)	238	(29%)							6750	(14%)	2363
Area 14													57	(57%)	160	(41%)	14	(69%)							231	(33%)	923
Area 15													17	(96%)	131	(86%)	2	(%)							150	(76%)	251
Area 16													8	(103%)	54	(85%)									62	(75%)	39
Area 17													11	(65%)	106	(38%)	23	(103%)							140	(96%)	622
Area 18																									0		308
Area 19 (GS)																			16	(161%)					16	(161%)	23
Area 19 (JDF)																									0		506
Area 20 (East)													69	(65%)	96	(79%)									165	(53%)	8438
Area 20 (West)															30	(74%)	6	(99%)							36	(63%)	182
Area 21																											19
Area 121																											172
Area 23 (Alberni Canal)																											11
Area 23 (Barkley)																2	(115%)								2	(134%)	102
Area 123													3	(111%)	6	(99%)									9	(76%)	340
Area 24																											0
Area 124																											87
Area 25												22	(132%)	7	(117%)										29	(104%)	50
Area 125																											18
Area 26													5 ²	(%)											5		32
Area 126																12 ²	(%)								12		212
Area 27													54	(38%)	21	(49%)									75	(30%)	192
Area 127													1	(0%)	34	(99%)									35	(97%)	247
Area 28																42	(89%)								42	(89%)	495
Area 29													15	(75%)	26	(80%)	1	(86%)							42	(56%)	1935
Juan de Fuca													69	(65%)	96	(79%)									165	(53%)	8944
North Island									28	(90%)			1699	(31%)	239	(38%)	32	(84%)							1998	(27%)	2727
Strait of Georgia											7	(70%)	1076	(21%)	6056	(16%)	278	(26%)	16	(286%)					7433	(13%)	6959
WCVI												22	(132%)	70	(34%)	105	(45%)	6	(99%)						203	(30%)	1664
All Areas									28	(90%)	29	(102%)	2914	(20%)	6496	(15%)	316	(25%)	16	(286%)					9799	(11%)	20294

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), 2022

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																											9	
Area 111																												
Area 12																												1257
Area 13															46	(47%)	19	(79%)	28	(96%)					93	(40%)	686	
Area 14															7	(107%)	6	(90%)							13	(71%)	36	
Area 15																												121
Area 16																												67
Area 17																												196
Area 18																												39
Area 19 (GS)																												
Area 19 (JDF)															8	(94%)									8	(94%)	29	
Area 20 (East)																												1790
Area 20 (West)																												1824
Area 21																												126
Area 121																												246
Area 23 (Alberni Canal)									5 ¹	(81%)	2079	(25%)	588	(36%)	4125	(19%)	11	(84%)							6808	(14%)	10565	
Area 23 (Barkley)											53	(66%)	118	(54%)											171	(43%)	280	
Area 123													10	(110%)	17	(61%)									27	(56%)	52	
Area 24																												2
Area 124																												33
Area 25																												28
Area 125																												4
Area 26																												
Area 126																												2
Area 27																												33
Area 127																		2 ¹	(90%)						2	(90%)	114	
Area 28																												35
Area 29																		739	(74%)						739	(74%)	44118	
Juan de Fuca															8	(94%)									8	(94%)	1819	
North Island																												1266
Strait of Georgia															53	(43%)	764	(71%)	28	(96%)					845	(65%)	45297	
WCVI									5	(81%)	2132	(25%)	716	(31%)	4142	(19%)	13	(72%)							7008	(14%)	13308	
All Areas									5	(81%)	2132	(25%)	716	(31%)	4203	(18%)	777	(70%)	28	(96%)					7861	(14%)	61690	

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), 2022

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		1	
Area 111																												0
Area 12													29	(119%)	10	(57%)	8 ¹	(67%)								47	(76%)	138
Area 13										22	(76%)					485	(41%)	77	(50%)							584	(35%)	367
Area 14										5	(72%)														5	(72%)	5	
Area 15																42	(88%)									42	(88%)	0
Area 16																												
Area 17																												43
Area 18																113	(56%)									113	(56%)	63
Area 19 (GS)																												6
Area 19 (JDF)																96	(44%)	30	(62%)							126	(36%)	24
Area 20 (East)											53	(74%)	186	(54%)	108	(50%)	29	(71%)								376	(33%)	356
Area 20 (West)												3	(71%)	6	(95%)											9	(68%)	56
Area 21																												2
Area 121																												3
Area 23 (Alberni Canal)										10 ¹	(81%)	295	(37%)			119	(64%)									424	(31%)	1639
Area 23 (Barkley)													68	(87%)												68	(87%)	75
Area 123													3	(111%)	5	(95%)										8	(72%)	10
Area 24																												0
Area 124																14	(67%)									14	(67%)	38
Area 25													7	(117%)												7	(117%)	6
Area 125											3	(126%)														3	(126%)	0
Area 26																												5
Area 126																												4
Area 27																												17
Area 127																												46
Area 28																1	(%)									1		181
Area 29													1	(%)	160	(66%)	1586	(69%)								1747	(63%)	261
Juan de Fuca											53	(74%)	186	(54%)	204	(34%)	59	(47%)								502	(26%)	380
North Island											1	(%)	29	(119%)	10	(57%)	8	(67%)								48	(75%)	139
Strait of Georgia										27	(63%)			1	(%)	801	(29%)	1663	(66%)							2492	(45%)	924
WCVI										10	(81%)	298	(37%)	81	(74%)	144	(53%)									533	(28%)	1899
All Areas										37	(51%)	352	(33%)	297	(41%)	1159	(22%)	1730	(63%)							3575	(32%)	3342

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), 2022

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									110 ¹	(43%)	105	(34%)	366	(32%)	148	(51%)	62 ¹	(25%)							791	(20%)	992
Area 111											323	(43%)	391	(33%)	81	(88%)	3 ¹	(64%)							798	(26%)	285
Area 12							39 ¹	(56%)	101 ¹	(38%)	229	(47%)	299	(29%)	107	(62%)	67 ¹	(82%)							842	(21%)	1314
Area 13								4	(105%)	7	(99%)	26	(85%)	19	(92%)									56	(145%)	45	
Area 14								2	(191%)															2	(191%)	37	
Area 15											40	(91%)												40	(299%)	23	
Area 16											88	(77%)												88	(77%)	0	
Area 17																								0		0	
Area 18																								0		12	
Area 19 (GS)																								0		25	
Area 19 (JDF)					147	(34%)	140	(47%)	318	(52%)	109	(36%)	67	(53%)	158	(39%)	125	(33%)	49	(50%)					1113	(19%)	1479
Area 20 (East)					33	(46%)	69	(55%)	51	(78%)	61	(57%)	100	(81%)			29	(71%)	58	(84%)					401	(29%)	583
Area 20 (West)							21 ¹	(51%)	73 ¹	(36%)	79	(49%)	1	(67%)	6	(95%)	7	(109%)							187	(26%)	86
Area 21							9 ¹	(97%)	16 ¹	(37%)	11	(68%)	29	(67%)	8	(137%)									73	(35%)	77
Area 121							68 ¹	(47%)	226 ¹	(22%)	1674	(17%)	2457	(24%)	1535	(18%)									5960	(12%)	5670
Area 23 (Alberni Canal)									7 ¹	(42%)														7	(42%)	19	
Area 23 (Barkley)							10 ¹	(97%)	105 ¹	(29%)	16	(78%)	38	(45%)	16	(102%)	2	(115%)							187	(23%)	179
Area 123							17 ¹	(61%)	218 ¹	(26%)	400	(23%)	1892	(36%)	3491	(18%)	666	(42%)							6684	(14%)	5008
Area 24							2 ¹	(68%)	36 ¹	(42%)	27	(86%)			5	(103%)								70	(40%)	59	
Area 124							27 ¹	(53%)	107 ¹	(33%)	519	(51%)	603	(29%)	627	(21%)	115	(39%)							1998	(18%)	1246
Area 25							19 ¹	(92%)	96 ¹	(33%)	130	(37%)	88	(63%)	50	(75%)									383	(24%)	415
Area 125									121 ¹	(31%)	291	(51%)	224	(35%)	428	(90%)									1064	(40%)	1465
Area 26											44 ²	(%)	50 ²	(%)	129 ²	(%)	3 ¹	(64%)							226	(115%)	279
Area 126							2 ¹	(68%)			395 ²	(%)	1434 ²	(%)	906 ²	(%)	84 ¹	(69%)							2821	(68%)	2501
Area 27							20 ¹	(97%)	171 ¹	(32%)	179	(30%)	376	(21%)	82	(19%)	85 ¹	(48%)							913	(13%)	522
Area 127									82 ¹	(33%)	528	(41%)	835	(28%)	610	(24%)	264 ¹	(31%)							2319	(16%)	1249
Area 28																									0		7
Area 29																									0		23
Juan de Fuca					180	(29%)	209	(36%)	369	(46%)	170	(31%)	167	(53%)	158	(39%)	154	(30%)	107	(51%)					1514	(16%)	2062
North Island							39	(56%)	211	(29%)	657	(28%)	1056	(18%)	336	(37%)	132	(43%)							2431	(13%)	2591
Strait of Georgia									6	(94%)	135	(57%)	26	(85%)	19	(92%)									186	(86%)	170
WCVI									195	(25%)	1258	(10%)	4293	(13%)	8027	(14%)	7893	(12%)	1226	(25%)					22892	(7%)	18774
All Areas					180	(30%)	443	(21%)	1844	(12%)	5255	(11%)	9276	(12%)	8406	(11%)	1512	(21%)	107	(66%)					27023	(6%)	23597

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), 2022

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									10 ¹	(90%)	50	(43%)	18	(66%)	11	(140%)	2 ¹	(72%)							91	(33%)	85
Area 111											47	(77%)					1 ¹	(84%)							48	(75%)	20
Area 12									7 ¹	(62%)	59	(62%)	20	(56%)	5	(84%)	11 ¹	(69%)							102	(39%)	225
Area 13									11	(75%)	4	(93%)	22	(99%)	19	(92%)			3	(74%)					59	(50%)	20
Area 14									2	(191%)					1	(216%)	6	(90%)							9	(78%)	35
Area 15									36	(100%)															36	(214%)	2
Area 16																									0		0
Area 17													8	(121%)											8	(173%)	2
Area 18																									0		41
Area 19 (GS)															7	(96%)			4	(109%)					11	(73%)	28
Area 19 (JDF)					16	(95%)	4	(102%)	20	(107%)			18	(102%)	21	(82%)	31	(59%)							110	(37%)	194
Area 20 (East)					7	(80%)	16	(95%)																	23	(70%)	115
Area 20 (West)											6 ¹	(60%)	17	(108%)			25	(73%)							48	(54%)	1
Area 21							7 ¹	(100%)	10 ¹	(54%)	5	(98%)	3	(117%)											25	(43%)	7
Area 121									4 ¹	(66%)	179	(28%)	175	(45%)	22	(77%)									380	(25%)	142
Area 23 (Alberni Canal)																									0		0
Area 23 (Barkley)											5	(110%)	19	(101%)	16	(104%)									40	(65%)	21
Area 123									28 ¹	(63%)	46	(27%)	232	(43%)	667	(35%)	60	(67%)							1033	(25%)	636
Area 24																									0		6
Area 124									4 ¹	(52%)	128	(74%)	16	(81%)	49	(56%)									197	(51%)	183
Area 25									10 ¹	(70%)	14	(73%)													24	(52%)	42
Area 125									13 ¹	(57%)	24	(82%)	7	(69%)	33	(89%)									77	(47%)	206
Area 26											1 ²	(%)	6 ²	(%)	68 ²	(%)	1 ¹	(77%)							76	(77%)	59
Area 126											87 ²	(%)	72 ²	(%)	126 ²	(%)	7 ¹	(104%)							292	(104%)	781
Area 27									21 ¹	(57%)	29	(59%)	125	(24%)	50	(41%)	36 ¹	(81%)							261	(20%)	91
Area 127									17 ¹	(66%)	39	(124%)	95	(49%)	87	(55%)	7 ¹	(49%)							245	(34%)	179
Area 28																									0		0
Area 29													9	(114%)											9	(114%)	4
Juan de Fuca					23	(71%)	20	(79%)	20	(107%)			18	(102%)	21	(82%)	31	(59%)							133	(33%)	309
North Island									17	(59%)	156	(36%)	38	(43%)	16	(99%)	14	(56%)							241	(26%)	330
Strait of Georgia									49	(75%)	4	(93%)	39	(66%)	27	(70%)	6	(90%)	7	(70%)					132	(67%)	133
WCVI							7	(100%)	113	(24%)	574	(25%)	750	(21%)	1143	(26%)	111	(46%)							2698	(13%)	2354
All Areas					23	(83%)	27	(64%)	199	(26%)	734	(21%)	845	(19%)	1207	(24%)	162	(34%)	7	(70%)					3204	(12%)	3125

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), 2022

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									141 ¹	(47%)	375	(36%)	384	(25%)	301	(62%)	97 ¹	(22%)							1298	(20%)	874
Area 111											279	(71%)			94	(59%)	7 ¹	(44%)							380	(54%)	226
Area 12									77 ¹	(36%)	350	(48%)	298	(34%)	206	(34%)	141 ¹	(45%)							1072	(20%)	845
Area 13								498	(25%)	293	(23%)	1259	(16%)	1051	(21%)	414	(24%)	14	(95%)						3529	(10%)	3405
Area 14								110	(33%)	179	(33%)	157	(46%)	154	(43%)	108	(36%)								708	(40%)	905
Area 15								121	(50%)	419	(44%)	182	(67%)	149	(45%)										871	(27%)	643
Area 16							216	(94%)	160	(37%)	135	(54%)	355	(43%)	386	(39%)	80	(45%)							1332	(24%)	1593
Area 17								770	(22%)	255	(27%)	199	(23%)	286	(28%)	146	(35%)								1656	(13%)	1078
Area 18								352	(28%)	72	(40%)	247	(35%)	35	(63%)	142	(47%)								848	(18%)	647
Area 19 (GS)								165	(43%)	60	(50%)	40	(52%)	64	(51%)	48	(68%)								377	(25%)	214
Area 19 (JDF)					7	(139%)		119	(50%)	47	(60%)	68	(63%)	203	(37%)	104	(46%)								548	(22%)	207
Area 20 (East)								117	(51%)	100	(62%)	117	(71%)	83	(59%)	161	(40%)								578	(25%)	600
Area 20 (West)							16 ¹	(55%)	99 ¹	(39%)	190	(28%)	104	(30%)	252	(27%)	364	(39%)							1025	(17%)	850
Area 21								14 ¹	(54%)	12	(128%)	19	(100%)	9	(124%)										54	(52%)	126
Area 121							9 ¹	(73%)	46 ¹	(39%)	55	(42%)	175	(29%)	267	(25%)	632	(81%)							1184	(44%)	664
Area 23 (Alberni Canal)								73 ¹	(44%)																73	(55%)	33
Area 23 (Barkley)							359 ¹	(30%)	316 ¹	(24%)	185	(32%)	729	(27%)	380	(31%)	140	(44%)							2109	(15%)	1266
Area 123							91 ¹	(47%)	157 ¹	(28%)	208	(27%)	572	(36%)	1425	(17%)	351	(38%)							2804	(13%)	921
Area 24							82 ¹	(41%)	45 ¹	(33%)	8	(69%)	20	(85%)	10	(46%)									165	(25%)	318
Area 124							77 ¹	(38%)	164 ¹	(25%)	573	(52%)	780	(48%)	504	(34%)	132	(41%)							2230	(23%)	1491
Area 25							7 ¹	(89%)	229 ¹	(26%)	353	(29%)	631	(25%)	417	(39%)	61	(74%)							1698	(16%)	1278
Area 125								197 ¹	(42%)	1011	(34%)	2361	(22%)	1014	(53%)	13	(155%)								4596	(18%)	2910
Area 26							2 ¹	(63%)	13 ¹	(63%)	375 ²	(%)	562 ²	(%)	930 ²	(%)	40 ¹	(38%)							1922	(31%)	1890
Area 126											1122 ²	(%)	3137 ²	(%)	2313 ²	(%)	37 ¹	(35%)							6609	(39%)	3634
Area 27							85 ¹	(42%)	302 ¹	(31%)	896	(26%)	983	(12%)	403	(25%)	227 ¹	(47%)							2896	(11%)	1567
Area 127								99 ¹	(41%)	1276	(36%)	3036	(19%)	2341	(20%)	234 ¹	(30%)								6986	(13%)	2773
Area 28								7	(122%)																7	(122%)	60
Area 29								554	(31%)	347	(37%)	180	(28%)	77	(60%)	45	(52%)								1203	(19%)	720
Juan de Fuca					7	(139%)		236	(36%)	147	(46%)	185	(51%)	286	(32%)	265	(30%)								1126	(17%)	807
North Island								218	(33%)	1004	(29%)	682	(21%)	601	(35%)	245	(27%)								2750	(14%)	1944
Strait of Georgia							216	(94%)	2737	(11%)	1760	(15%)	2619	(12%)	2202	(14%)	983	(15%)	14	(387%)					10531	(7%)	9264
WCVI							728	(18%)	1754	(10%)	6264	(15%)	13109	(10%)	10265	(12%)	2231	(25%)							34351	(6%)	19722
All Areas					7	(3638%)	944	(26%)	4945	(8%)	9175	(11%)	16595	(8%)	13354	(9%)	3724	(16%)	14	(1080%)					48758	(4%)	31737

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), 2022

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									85 ¹	(52%)	216	(30%)	204	(34%)	44	(47%)	19 ¹	(46%)							568	(19%)	528
Area 111											359	(74%)	2	(0%)	1	(0%)	4 ¹	(86%)							366	(73%)	317
Area 12							37 ¹	(62%)	183 ¹	(47%)	238	(39%)	529	(47%)	62	(76%)	104 ¹	(52%)							1153	(26%)	456
Area 13							57	(65%)	1333	(23%)	1161	(18%)	3599	(12%)	2827	(21%)	1045	(27%)	77	(48%)					10099	(12%)	6809
Area 14							148	(49%)	683	(27%)	331	(39%)	392	(28%)	443	(58%)	873	(65%)	40	(66%)					2910	(24%)	3354
Area 15							81	(54%)	457	(57%)	1090	(26%)	650	(35%)	586	(61%)	91	(43%)							2955	(19%)	824
Area 16							216	(94%)	485	(32%)	564	(41%)	1038	(33%)	610	(44%)	348	(48%)							3261	(25%)	1872
Area 17							22	(159%)	1253	(29%)	515	(28%)	588	(27%)	919	(24%)	390	(34%)							3687	(14%)	1659
Area 18							52	(92%)	1742	(36%)	217	(31%)	1252	(18%)	405	(35%)	303	(36%)							3971	(19%)	1555
Area 19 (GS)					134	(47%)	44	(114%)	586	(55%)	768	(29%)	487	(36%)	405	(32%)	212	(49%)	19	(55%)					2655	(18%)	1217
Area 19 (JDF)					208	(61%)	51	(80%)	2055	(34%)	829	(31%)	1474	(26%)	1520	(29%)	1067	(28%)	378	(42%)					7582	(14%)	3605
Area 20 (East)					159	(42%)	41	(56%)	1598	(41%)	970	(33%)	1621	(26%)	1489	(34%)	857	(25%)	243	(59%)					6978	(15%)	4658
Area 20 (West)							95 ¹	(59%)	104 ¹	(39%)	235	(28%)	245	(27%)	689	(43%)	178	(55%)							1546	(22%)	260
Area 21							27 ¹	(89%)	2 ¹	(67%)	74	(88%)	46	(74%)											149	(52%)	23
Area 121							4 ¹	(67%)	14 ¹	(70%)	45	(46%)	16	(35%)			66	(35%)	388	(95%)					533	(69%)	134
Area 23 (Alberni Canal)							6 ¹	(91%)	90 ¹	(56%)					79	(84%)	10	(68%)							185	(52%)	4
Area 23 (Barkley)							821 ¹	(40%)	664 ¹	(26%)	446	(33%)	665	(25%)	379	(27%)	290	(45%)							3265	(15%)	1766
Area 123							93 ¹	(52%)	158 ¹	(59%)	209	(29%)	417	(36%)	1172	(18%)	217	(52%)							2266	(17%)	913
Area 24							52 ¹	(55%)	58 ¹	(39%)	6	(80%)	10	(77%)	32	(53%)									158	(26%)	90
Area 124							17 ¹	(35%)	94 ¹	(42%)	79	(49%)	168	(42%)	200	(29%)	11	(57%)							569	(19%)	459
Area 25							8 ¹	(100%)	233 ¹	(44%)	410	(42%)	638	(26%)	449	(57%)									1738	(21%)	746
Area 125									121 ¹	(55%)	849	(34%)	773	(35%)	227	(73%)									1970	(22%)	1304
Area 26											59 ²	(%)	54 ²	(%)	75 ²	(%)	23 ¹	(97%)							211	(97%)	158
Area 126							2 ¹	(56%)			100 ²	(%)	90 ²	(%)	82 ²	(%)									274	(263%)	397
Area 27							42 ¹	(69%)	272 ¹	(46%)	440	(36%)	383	(20%)	56	(36%)	223 ¹	(53%)							1416	(18%)	560
Area 127									46 ¹	(75%)	243	(54%)	281	(27%)	117	(59%)	57 ¹	(32%)							744	(23%)	561
Area 28									21	(66%)	4	(137%)	92	(73%)	54	(71%)	5	(63%)							176	(81%)	12
Area 29							34	(98%)	801	(40%)	473	(41%)	240	(37%)	62	(82%)	86	(62%)							1696	(23%)	885
Juan de Fuca					367	(39%)	92	(51%)	3653	(26%)	1799	(23%)	3095	(18%)	3009	(22%)	1924	(19%)	621	(34%)					14560	(10%)	8263
North Island							37	(62%)	268	(36%)	813	(36%)	735	(35%)	107	(48%)	127	(43%)							2087	(20%)	1301
Strait of Georgia					134	(191%)	654	(36%)	7361	(13%)	5123	(11%)	8338	(8%)	6311	(13%)	3353	(21%)	136	(402%)					31410	(6%)	18186
WCVI							1167	(29%)	1856	(15%)	3195	(14%)	3786	(11%)	3623	(15%)	1397	(31%)							15024	(7%)	7375
All Areas					501	(62%)	1950	(22%)	13138	(11%)	10930	(8%)	15954	(7%)	13050	(9%)	6801	(13%)	757	(86%)					63081	(4%)	35126

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), 2022

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									35 ¹	(70%)	113	(32%)	428	(20%)	157	(40%)	17 ¹	(48%)							750	(15%)	1330	
Area 111											68	(100%)	285	(39%)	9	(0%)	4 ¹	(83%)							366	(36%)	574	
Area 12									7 ¹	(88%)	234	(47%)	311	(29%)	165	(31%)	165 ¹	(51%)							882	(19%)	1430	
Area 13								139	(30%)	119	(31%)	619	(24%)	819	(25%)	431	(24%)								2127	(13%)	1926	
Area 14								52	(39%)	127	(41%)	72	(38%)	185	(47%)	181	(42%)								617	(21%)	1082	
Area 15								21	(71%)	175	(51%)	77	(66%)	23	(80%)										296	(35%)	886	
Area 16								109	(45%)	333	(37%)	191	(46%)	877	(37%)	79	(47%)								1589	(23%)	2184	
Area 17								365	(37%)	200	(28%)	182	(29%)	232	(35%)	77	(42%)								1056	(17%)	1622	
Area 18								289	(32%)	67	(32%)	162	(34%)	71	(63%)	133	(40%)								722	(18%)	1062	
Area 19 (GS)								193	(42%)	88	(37%)	77	(49%)	110	(45%)	75	(58%)								543	(21%)	571	
Area 19 (JDF)								517	(29%)	99	(44%)	433	(23%)	499	(28%)	455	(26%)								2003	(13%)	1179	
Area 20 (East)								262	(45%)	667	(24%)	455	(27%)	645	(32%)	579	(27%)	63	(64%)						2671	(13%)	2083	
Area 20 (West)							16 ¹	(96%)	29 ¹	(72%)	23	(59%)	148	(35%)	63	(46%)	36	(61%)							315	(22%)	197	
Area 21								8 ¹	(94%)	8	(137%)														16	(83%)	116	
Area 121								72 ¹	(48%)	59	(38%)	24	(72%)	64	(38%)										219	(23%)	250	
Area 23 (Alberni Canal)											27	(108%)	10	(88%)			9	(97%)							46	(69%)	38	
Area 23 (Barkley)							101 ¹	(53%)	55 ¹	(44%)	69	(55%)	142	(27%)	292	(29%)	18	(52%)							677	(17%)	643	
Area 123								41 ¹	(59%)	83	(55%)	145	(33%)	340	(29%)	90	(42%)								699	(19%)	401	
Area 24							7 ¹	(74%)	27 ¹	(30%)	2	(124%)	13	(75%)	15	(60%)	4	(55%)							68	(26%)	225	
Area 124							14 ¹	(52%)	61 ¹	(39%)	195	(57%)	75	(36%)	144	(33%)	60	(34%)							549	(23%)	859	
Area 25								121 ¹	(41%)	109	(36%)	334	(31%)	335	(53%)	12	(51%)								911	(24%)	1240	
Area 125								69 ¹	(57%)	271	(59%)	538	(28%)	104	(62%)	4	(168%)								986	(24%)	1061	
Area 26								10 ¹	(89%)	77 ²	(%)	98 ²	(%)	131 ²	(%)										316	(89%)	868	
Area 126							6 ¹	(72%)			176 ²	(%)	202 ²	(%)	436 ²	(%)	12 ¹	(57%)							832	(45%)	1159	
Area 27							16 ¹	(96%)	48 ¹	(46%)	318	(38%)	217	(17%)	101	(32%)	90 ¹	(59%)							790	(18%)	527	
Area 127								71 ¹	(54%)	297	(78%)	430	(22%)	369	(22%)	52 ¹	(29%)								1219	(22%)	1001	
Area 28										10	(88%)														10	(88%)	21	
Area 29									442	(42%)	312	(46%)	116	(32%)	26	(80%)	1	(86%)							897	(27%)	711	
Juan de Fuca									779	(25%)	766	(22%)	888	(18%)	1144	(22%)	1034	(19%)	63	(64%)					4674	(9%)	3263	
North Island									42	(60%)	415	(32%)	1024	(16%)	331	(24%)	186	(46%)							1998	(12%)	3334	
Strait of Georgia										1610	(17%)	1431	(16%)	1496	(14%)	2343	(17%)	977	(16%)							7857	(8%)	10065
WCVI							160	(37%)	612	(16%)	1714	(23%)	2376	(11%)	2394	(14%)	387	(20%)							7643	(8%)	8586	
All Areas							160	(37%)	3043	(11%)	4326	(11%)	5784	(7%)	6212	(10%)	2584	(11%)	63	(98%)					22172	(4%)	25248	

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), 2022

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									65 ¹	(72%)	92	(31%)	155	(28%)	16	(44%)	13 ¹	(42%)							341	(20%)	904
Area 111											10	(0%)	7	(0%)	1	(0%)	18 ¹	(53%)							36	(27%)	420
Area 12							36 ¹	(93%)	196 ¹	(48%)	336	(59%)	571	(37%)	207	(52%)	220 ¹	(45%)							1566	(22%)	1683
Area 13							16	(99%)	294	(33%)	104	(30%)	821	(29%)	236	(33%)	220	(50%)							1691	(18%)	1682
Area 14							5	(131%)	202	(27%)	146	(24%)	378	(40%)	324	(37%)	562	(69%)	28	(88%)					1645	(27%)	1000
Area 15							11	(75%)	370	(63%)	204	(49%)	58	(38%)	43	(84%)									686	(38%)	927
Area 16											88	(56%)	271	(65%)	1714	(35%)	203	(31%)							2276	(28%)	3375
Area 17									240	(41%)	256	(28%)	621	(30%)	388	(30%)	376	(30%)							1881	(15%)	946
Area 18									342	(71%)	72	(53%)	399	(37%)	76	(59%)	61	(74%)							950	(31%)	516
Area 19 (GS)					4	(85%)			67	(50%)	216	(32%)	308	(54%)	60	(71%)	28	(87%)	8	(77%)					691	(27%)	226
Area 19 (JDF)					24	(121%)	5	(112%)	436	(44%)	417	(45%)	260	(53%)	199	(37%)	115	(46%)	82	(77%)					1538	(21%)	392
Area 20 (East)					28	(51%)	5	(101%)	408	(47%)	278	(32%)	463	(32%)	457	(42%)	151	(60%)	11	(123%)					1801	(19%)	827
Area 20 (West)							61 ¹	(52%)	8 ¹	(48%)	15	(105%)	11	(80%)	67	(64%)									162	(71%)	102
Area 21													3	(117%)											3	(117%)	26
Area 121									23 ¹	(59%)	11	(49%)	12	(121%)	43	(61%)	149	(89%)							238	(57%)	42
Area 23 (Alberni Canal)					19 ¹	(74%)	7 ¹	(99%)							143	(66%)	1	(158%)							170	(62%)	23
Area 23 (Barkley)					223 ¹	(62%)	149 ¹	(29%)	125	(46%)	127	(27%)	160	(32%)	48	(66%)									832	(26%)	600
Area 123					1 ¹	(94%)	67 ¹	(48%)	44	(32%)	136	(44%)	391	(32%)	48	(48%)									687	(25%)	376
Area 24					7 ¹	(41%)	12 ¹	(49%)	17	(117%)					8	(50%)									44	(49%)	139
Area 124					32 ¹	(61%)	51 ¹	(43%)	204	(124%)	183	(57%)	125	(33%)	12	(62%)									607	(46%)	500
Area 25					7 ¹	(95%)	194 ¹	(34%)	50	(49%)	160	(42%)	165	(54%)	19	(96%)									595	(25%)	1392
Area 125							45 ¹	(52%)	239	(48%)	805	(24%)	396	(68%)	3	(149%)									1488	(24%)	1147
Area 26									70 ²	(%)	178 ²	(%)	200 ²	(%)	8 ¹	(50%)									456	(77%)	2022
Area 126					1 ¹	(94%)			995 ²	(%)	4554 ²	(%)	604 ²	(%)	3 ¹	(88%)									6157	(155%)	1352
Area 27					63 ¹	(68%)	144 ¹	(65%)	145	(31%)	470	(17%)	103	(44%)	318 ¹	(73%)									1243	(23%)	1375
Area 127							43 ¹	(62%)	472	(36%)	844	(29%)	439	(32%)	52 ¹	(25%)									1850	(18%)	1144
Area 28											3	(183%)													3	(3632%)	5
Area 29									134	(59%)			115	(36%)			18	(60%)							267	(34%)	161
Juan de Fuca					52	(62%)	10	(75%)	844	(32%)	695	(30%)	723	(28%)	656	(31%)	266	(39%)	93	(69%)					3339	(14%)	1219
North Island							36	(93%)	261	(40%)	438	(45%)	733	(29%)	224	(48%)	251	(39%)							1943	(18%)	3008
Strait of Georgia					4	(3439%)	32	(59%)	1649	(23%)	1089	(15%)	2971	(15%)	2841	(22%)	1468	(29%)	36	(119%)					10090	(10%)	8838
WCVI							414	(36%)	743	(18%)	2387	(25%)	7483	(13%)	2844	(18%)	661	(41%)							14532	(9%)	10237
All Areas					56	(326%)	492	(31%)	3497	(14%)	4609	(13%)	11910	(9%)	6565	(13%)	2646	(20%)	129	(166%)					29904	(6%)	23302

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), 2022

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									206 ¹	(63%)	108	(27%)	326	(36%)	422	(38%)	141 ¹	(29%)							1203	(20%)	1032
Area 111											251	(81%)					8 ¹	(75%)							259	(78%)	369
Area 12									113 ¹	(38%)	243	(57%)	348	(29%)	70	(49%)	247 ¹	(40%)							1021	(20%)	896
Area 13									22	(76%)	68	(44%)	35	(63%)	235	(29%)	100	(65%)							460	(22%)	284
Area 14									20	(53%)	22	(69%)	125	(30%)	255	(32%)	97	(70%)	19	(73%)					538	(21%)	413
Area 15															276	(69%)									276	(69%)	61
Area 16											12	(104%)	213	(50%)	118	(44%)	2	(96%)							345	(35%)	240
Area 17									134	(47%)	47	(41%)	214	(36%)	385	(43%)	63	(53%)							843	(23%)	475
Area 18									39	(59%)	6	(103%)	75	(71%)			20	(107%)							140	(44%)	297
Area 19 (GS)									36	(76%)	47	(69%)	9	(101%)											92	(47%)	118
Area 19 (JDF)									27	(67%)	40	(80%)	7	(104%)	109	(43%)	17	(98%)							200	(31%)	321
Area 20 (East)									275	(50%)	536	(26%)	408	(32%)	929	(29%)	376	(27%)							2524	(15%)	1260
Area 20 (West)								193 ¹	(45%)	216 ¹	(38%)	281	(35%)	425	(25%)	557	(23%)	370	(37%)						2042	(13%)	1965
Area 21								4 ¹	(64%)	27 ¹	(64%)	55	(62%)	65	(69%)	8	(137%)								159	(38%)	150
Area 121								4 ¹	(64%)	59 ¹	(49%)	149	(29%)	191	(30%)	454	(46%)	409	(123%)						1266	(44%)	1030
Area 23 (Alberni Canal)								16 ¹	(95%)	28 ¹	(61%)	40	(109%)	38	(101%)										122	(52%)	75
Area 23 (Barkley)								353 ¹	(34%)	432 ¹	(23%)	282	(41%)	541	(22%)	611	(25%)	137	(32%)						2356	(14%)	2251
Area 123								49 ¹	(46%)	151 ¹	(32%)	113	(31%)	663	(28%)	1505	(16%)	329	(43%)						2810	(15%)	2148
Area 24								63 ¹	(53%)	69 ¹	(26%)	21	(67%)		2	(129%)	29	(72%)							184	(26%)	366
Area 124								103 ¹	(38%)	121 ¹	(32%)	213	(48%)	124	(55%)	197	(31%)	16	(63%)						774	(19%)	994
Area 25								16 ¹	(95%)	786 ¹	(24%)	327	(32%)	740	(23%)	566	(30%)	96	(59%)						2531	(13%)	1936
Area 125									441 ¹	(41%)	517	(31%)	1676	(26%)	251	(42%)	12	(79%)							2897	(18%)	1909
Area 26								12 ¹	(58%)	68 ¹	(60%)	215 ²	(%)	550 ²	(%)	800 ²	(%)	51 ¹	(61%)						1696	(39%)	1623
Area 126								3 ¹	(71%)	22 ¹	(59%)	372 ²	(%)	1325 ²	(%)	658 ²	(%)	24 ¹	(44%)						2404	(37%)	3374
Area 27									294 ¹	(29%)	677	(25%)	651	(14%)	353	(29%)	245 ¹	(39%)							2220	(12%)	1348
Area 127									119 ¹	(39%)	278	(43%)	725	(21%)	761	(23%)	114 ¹	(32%)							1997	(13%)	983
Area 28																	1	(83%)							1	(372%)	21
Area 29									82	(67%)	28	(71%)	50	(45%)			2	(54%)							162	(39%)	325
Juan de Fuca									302	(46%)	576	(25%)	415	(32%)	1038	(26%)	393	(26%)							2724	(14%)	1581
North Island									319	(43%)	602	(41%)	674	(23%)	492	(33%)	396	(27%)							2483	(15%)	2298
Strait of Georgia											333	(28%)	230	(24%)	721	(21%)	1269	(22%)	285	(36%)	19	(73%)			2857	(12%)	2235
WCVI								816	(20%)	2833	(11%)	3540	(12%)	7714	(10%)	6723	(9%)	1832	(30%)						23458	(6%)	20151
All Areas								816	(20%)	3787	(10%)	4948	(10%)	9524	(8%)	9522	(8%)	2906	(20%)	19	(1560%)				31522	(5%)	26264

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), 2022

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									11 ¹	(95%)	74	(44%)	36	(33%)	58	(99%)	27 ¹	(42%)							206	(33%)	1298		
Area 111											15	(114%)					2 ¹	(70%)							17	(101%)	489		
Area 12							524 ¹	(78%)	411 ¹	(32%)	736	(57%)	667	(38%)	109	(37%)	762 ¹	(51%)							3209	(24%)	5228		
Area 13							12	(131%)	400	(45%)	407	(24%)	1309	(20%)	957	(27%)	232	(35%)	56	(51%)							3373	(13%)	2976
Area 14							11	(108%)	353	(41%)	235	(52%)	639	(21%)	2014	(24%)	1333	(30%)	116	(56%)							4701	(14%)	2349
Area 15									945	(82%)	575	(45%)	199	(61%)	36	(64%)	58	(45%)							1813	(46%)	1559		
Area 16									46	(92%)	70	(40%)	681	(61%)	24	(109%)	27	(68%)							848	(50%)	1572		
Area 17							22	(159%)	452	(36%)	185	(40%)	353	(25%)	720	(24%)	142	(32%)							1874	(14%)	1967		
Area 18							41	(119%)	111	(45%)	104	(47%)	75	(38%)	83	(56%)	153	(53%)							567	(29%)	1833		
Area 19 (GS)									37	(77%)	176	(46%)	56	(50%)	151	(54%)	215	(85%)	24	(90%)					659	(34%)	1402		
Area 19 (JDF)					49	(65%)	2	(122%)	94	(54%)	116	(57%)	523	(43%)	215	(37%)	317	(38%)	66	(62%)					1382	(21%)	2178		
Area 20 (East)					14	(80%)	41	(62%)	595	(83%)	1070	(36%)	567	(34%)	774	(35%)	770	(30%)	178	(61%)					4009	(19%)	5312		
Area 20 (West)							58 ¹	(54%)	45 ¹	(35%)	133	(38%)	202	(40%)	1221	(28%)	118	(48%)							1777	(21%)	727		
Area 21									15 ¹	(53%)	32	(147%)	120	(90%)											167	(71%)	39		
Area 121							2 ¹	(75%)	18 ¹	(54%)	4	(129%)	82	(46%)	241	(43%)	239	(127%)							586	(55%)	123		
Area 23 (Alberni Canal)							170 ¹	(77%)	20 ¹	(47%)	25	(113%)	16	(80%)	78	(51%)	32	(60%)							341	(43%)	154		
Area 23 (Barkley)							398 ¹	(42%)	507 ¹	(43%)	196	(35%)	751	(25%)	821	(24%)	309	(42%)							2982	(15%)	2966		
Area 123							13 ¹	(72%)	25 ¹	(97%)	73	(60%)	139	(46%)	498	(24%)	24	(47%)							772	(19%)	1398		
Area 24							10 ¹	(75%)	13 ¹	(38%)	7	(126%)			57	(75%)							87	(51%)	195				
Area 124							4 ¹	(75%)	25 ¹	(67%)	25	(101%)	20	(75%)	109	(74%)	10	(118%)							193	(46%)	305		
Area 25									195 ¹	(33%)	333	(42%)	1407	(37%)	516	(48%)	113	(58%)							2564	(23%)	3210		
Area 125									279 ¹	(48%)	732	(50%)	881	(58%)	75	(75%)									1967	(33%)	1130		
Area 26											21 ²	(%)	78 ²	(%)	120 ²	(%)	8 ¹	(80%)							227	(118%)	679		
Area 126											95 ²	(%)	72 ²	(%)	360 ²	(%)	17 ¹	(99%)							544	(109%)	392		
Area 27							66 ¹	(59%)	62 ¹	(66%)	117	(44%)	325	(43%)	221	(49%)	234 ¹	(53%)							1025	(22%)	2572		
Area 127									10 ¹	(88%)	84	(75%)	221	(48%)	59	(60%)	52 ¹	(39%)							426	(30%)	554		
Area 28															18	(69%)	1	(83%)							19	(526%)	154		
Area 29									271	(50%)	29	(69%)	141	(49%)			124	(54%)							565	(30%)	776		
Juan de Fuca					63	(53%)	43	(59%)	689	(72%)	1186	(33%)	1090	(27%)	989	(29%)	1087	(24%)	244	(48%)					5391	(15%)	7490		
North Island							524	(78%)	422	(31%)	825	(51%)	703	(36%)	167	(42%)	791	(49%)							3432	(23%)	7014		
Strait of Georgia							86	(74%)	2615	(32%)	1781	(18%)	3453	(16%)	4003	(15%)	2285	(20%)	196	(38%)					14419	(9%)	14588		
WCVI							721	(30%)	1214	(22%)	1877	(24%)	4314	(19%)	4376	(13%)	1156	(32%)							13658	(9%)	14445		
All Areas					63	(63%)	1374	(34%)	4940	(21%)	5669	(14%)	9560	(11%)	9535	(9%)	5319	(14%)	440	(63%)					36900	(6%)	43538		

¹ Estimate based on In-Fill process

² Estimate based on Logbook expansions

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