

**Maximum permissible ABC**

Alt 1

		Data Year																													
		Sum of Catch												Sum of ABC						Sum of OFL						Sum of SSB					
		2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008						
	Stock																														
Pollock	GOA_WP	72	85	85	100	117	102	105	124	113	100	117	102	151	158	147	142	163	151	186	212	206	184	193	177						
Pacific cod	GOA_Pcod	59	54	48	61	58	52	81	79	70	61	58	52	95	92	82	72	77	70	111	109	103	94	83	83						
sablefish	GOA_Sable	15	16	15	14	14	14	16	16	15	14	14	14	21	21	20	19	20	19	79	77	75	73	72	71						
Flathead sole	GOA_FlatheadSole	3	3	3	48	30	37	49	48	47	48	30	37	61	60	59	60	38	46	107	107	108	105	74	85						
arrowtooth flounder	GOA_ATF	23	27	27	223	194	209	193	203	213	223	194	209	225	238	249	260	226	244	1,279	1,338	1,401	1,453	1,293	1,376						
Pacific ocean perch	GOA_POP	12	12	12	13	13	13	14	14	13	13	13	13	16	16	16	16	15	15	94	93	91	90	87	88						
Nrthr RF	GOA_Nrthrns	5	5	5	4	4	4	5	5	5	4	4	4	6	6	6	5	5	5	40	38	36	34	30	32						

**Author's recommended ABC**

Alt 2

		Data Year																							
		Sum of Catch						Sum of ABC						Sum of OFL						Sum of SSB					
		2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008
Pollock	GOA_WP	72	85	85	86	110	93	89	106	97	86	110	93	151	158	147	142	167	154	186	212	206	185	201	182
Pacific cod	GOA_Pcod	59	54	48	48	51	45	64	62	55	48	51	45	95	92	82	72	81	73	111	109	103	94	90	88
sablefish	GOA_Sable	15	16	15	14	14	14	16	16	15	14	14	14	21	21	20	19	20	19	79	77	75	73	72	71
Flathead sole	GOA_FlatheadSole	3	3	3	48	30	37	49	48	47	48	30	37	61	60	59	60	38	46	107	107	108	105	74	85
arrowtooth flounder	GOA_ATF	23	27	27	223	194	209	193	203	213	223	194	209	225	238	249	260	226	244	1,279	1,338	1,401	1,453	1,293	1,376
Pacific ocean perch	GOA_POP	12	12	12	13	13	13	14	14	13	13	13	13	16	16	16	16	15	15	94	93	91	90	87	88
Nrthr RF	GOA_Nrthrns	5	5	5	4	4	4	5	5	5	4	4	4	6	6	6	5	5	5	40	38	36	34	30	32

**Half of maximum permissible ABC**

Alt 3

		Data Year																							
		Sum of Catch						Sum of ABC						Sum of OFL						Sum of SSB					
		2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008
Pollock	GOA_WP	72	85	85	52	72	60	54	65	59	52	72	60	151	158	147	142	179	161	186	212	206	187	224	195
Pacific cod	GOA_Pcod	59	54	48	32	38	33	43	42	37	32	38	33	95	92	82	72	86	76	111	109	103	95	99	94
sablefish	GOA_Sable	15	16	15	7	8	7	8	8	8	7	8	7	21	21	20	19	21	20	79	77	75	73	78	74
Flathead sole	GOA_FlatheadSole	3	3	3	26	21	23	27	26	26	26	21	23	61	60	59	60	49	53	107	107	108	108	93	99
arrowtooth flounder	GOA_ATF	23	27	27	114	110	113	99	104	109	114	110	113	225	238	249	260	251	257	1,279	1,338	1,401	1,467	1,466	1,475
Pacific ocean perch	GOA_POP	12	12	12	7	7	7	7	7	7	7	7	7	16	16	16	16	16	16	94	93	91	91	93	92
Nrthr RF	GOA_Nrthrns	5	5	5	2	2	2	3	3	2	2	2	2	6	6	6	5	5	5	40	38	36	34	32	33

**F set to most recent 5-yr mean**

Alt 4

		Data Year																							
		Sum of Catch						Sum of ABC						Sum of OFL						Sum of SSB					
		2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008
Pollock	GOA_WP	72	85	85	77	91	84	81	85	80	77	91	84	151	158	147	142	171	156	186	212	206	185	207	185
Pacific cod	GOA_Pcod	59	54	48	44	50	45	58	57	51	44	50	45	95	92	82	72	82	73	111	109	103	95	91	89
sablefish	GOA_Sable	15	16	15	12	12	12	13	13	12	12	12	12	21	21	20	19	20	20	79	77	75	73	74	72
Flathead sole	GOA_FlatheadSole	3	3	3	6	6	6	7	7	6	6	6	6	61	60	59	60	60	59	107	107	108	110	113	111
arrowtooth flounder	GOA_ATF	23	27	27	18	19	18	15	16	17	18	19	18	225	238	249	260	275	269	1,279	1,338	1,401	1,480	1,633	1,564
Pacific ocean perch	GOA_POP	12	12	12	11	10	11	11	11	11	11	10	11	16	16	16	16	16	16	94	93	91	90	89	90
Nrthr RF	GOA_Nrthrns	5	5	5	2	2	2	3	2	2	2	2	2	6	6	6	5	5	5	40	38	36	34	32	33

**F set to zero**

Alt 5

		Data Year																							
		Sum of Catch						Sum of ABC						Sum of OFL						Sum of SSB					
		2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008	2004	2005	2006	2007	2009	2008
Pollock	GOA_WP	72	85	85	0	0	0	0	0	0	0	0	0	151	158	147	142	198	171	186	212	206	191	263	216
Pacific cod	GOA_Pcod	59	54	48	0	0	0	0	0	0	0	0	0	95	92	82	72	99	83	111	109	103	97	120	106
sablefish	GOA_Sable	15	16	15	0	0	0	0	0	0	0	0	0	21	21	20	19	23	21	79	77	75	73	84	77
Flathead sole	GOA_FlatheadSole	3	3	3	0	0	0	0	0	0	0	0	0	61	60	59	60	64	62	107	107	108	111	120	115
arrowtooth flounder	GOA_ATF	23	27	27	0	0	0	0	0	0	0	0	0	225	238	249	260	279	272	1,279	1,338	1,401	1,482	1,664	1,580
Pacific ocean perch	GOA_POP	12	12	12	0	0	0	0	0	0	0	0	0	16	16	16	16	17	16	94	93	91	92	99	96
Nrthr RF	GOA_Nrthrns	5	5	5	0	0	0	0	0	0	0	0	0	6	6	6	5	5	5	40	38	36	34	34	34