Maximum permissible ABC

Alt 1

Pollock
Pacific cod
sablefish
Yellowfin
Greenland turbot
arrowtooth flounder
Rock sole
Flathead sole
AK Plaice
Pacific ocean perch
Nrthrn RF
Atka mackerel

	Data Y	ear																
	Sum of Cate	ch		Sum of ABC					Sum of OFL					Sum of SSB				
Stock	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007		
EBS_Pollock	1,492	1,479	1,488	1,215	1,881	1,897	1,636	1,215	2,313	2,325	2,137	1,736	3,223	2,932	2,464	2,227		
BSAI_Pcod	216	206	195	190	220	227	214	190	276	275	261	242	285	296	295	279		
BSAI_Sable	4	2	5	5	5	5	5	5	7	7	7	6	25	25	25	24		
BSAI_Yfin	69	91	90	110	127	124	118	110	150	147	140	130	510	499	480	451		
BSAI_GTurb	2	3	4	14	16	16	15	14	20	19	18	17	58	56	53	51		
BSAI_ATF	16	12	12	50	53	52	52	50	65	65	64	61	521	497	476	442		
BSAI_RockSole	41	42	42	116	140	132	122	116	166	157	145	138	445	424	391	366		
BSAI_FlatheadSole	17	15	20	51	63	58	55	51	75	70	66	61	221	204	190	170		
BSAI_AKPlaice	8	8	10	178	194	189	183	178	244	237	231	224	244	238	234	197		
BSAI_POP	13	12	13	15	15	15	15	15	18	19	19	19	134	134	134	134		
BSAI_Nrthrns	5	4	5	8	8	8	8	8	10	10	10	10	67	67	67	67		
BSAI_Atka	63	63	63	91	133	124	107	91	158	147	127	107	204	171	135	104		

## **Author's recommended ABC**

Alt 2

Pollock
Pacific cod
sablefish
Yellowfin
Greenland turbot
arrowtooth flounder
Rock sole
Flathead sole
AK Plaice
Pacific ocean perch
Nrthrn RF
Atka mackerel

	Data Y	ear														
	Sum of Cato	ch		Sum of ABC				Sum of OFL			9	Sum of SSB				
Stock	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007
EBS_Pollock	1,492	1,479	1,488	1,215	1,881	1,897	1,636	1,215	2,313	2,325	2,137	1,736	3,223	2,932	2,464	2,227
BSAI_Pcod	216	206	195	172	200	206	195	172	276	275	261	242	285	296	295	280
BSAI_Sable	4	2	5	5	5	5	5	5	7	7	7	6	25	25	25	24
BSAI_Yfin	69	91	90	110	127	124	118	110	150	147	140	130	510	499	480	451
BSAI_GTurb	2	3	4	11	13	12	11	11	20	19	18	17	58	56	53	51
BSAI_ATF	16	12	12	38	41	40	40	38	65	65	64	61	521	497	476	444
BSAI_RockSole	41	42	42	116	140	132	122	116	166	157	145	138	445	424	391	366
BSAI_FlatheadSole	17	15	20	51	63	58	55	51	75	70	66	61	221	204	190	170
BSAI_AKPlaice	8	8	10	178	194	189	183	178	244	237	231	224	244	238	234	197
BSAI_POP	13	12	13	15	15	15	15	15	18	19	19	19	134	134	134	134
BSAI_Nrthrns	5	4	5	8	8	8	8	8	10	10	10	10	67	67	67	67
BSAI_Atka	63	63	63	91	133	124	107	91	158	147	127	107	204	171	135	104

## Half of maximum permissible ABC

Alt 3

Pollock
Pacific cod
sablefish
Yellowfin
Greenland turbot
arrowtooth flounder
Rock sole
Flathead sole
AK Plaice
Pacific ocean perch
Nrthrn RF
Atka mackerel

	Data Y	ear														1	
	Sum of Cato	ch		,	Sum of ABC				Sum of OFL				Sum of SSB				
Stock	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	
EBS_Pollock	1,492	1,479	1,488	654	1,018	1,032	894	654	2,313	2,325	2,137	1,736	3,223	2,932	2,464	2,304	
BSAI_Pcod	216	206	195	99	115	119	113	99	276	275	261	242	285	296	295	284	
BSAI_Sable	4	2	5	3	3	3	3	3	7	7	7	6	25	25	25	24	
BSAI_Yfin	69	91	90	56	65	64	60	56	150	147	140	130	510	499	480	459	
BSAI_GTurb	2	3	4	7	9	8	8	7	20	19	18	17	58	56	53	51	
BSAI_ATF	16	12	12	26	28	28	27	26	65	65	64	61	521	497	476	446	
BSAI_RockSole	41	42	42	60	72	68	63	60	166	157	145	138	445	424	391	368	
BSAI_FlatheadSole	17	15	20	26	33	30	29	26	75	70	66	61	221	204	190	173	
BSAI_AKPlaice	8	8	10	102	111	108	105	102	244	237	231	224	244	238	234	213	
BSAI_POP	13	12	13	8	7	7	8	8	18	19	19	19	134	134	134	135	
BSAI_Nrthrns	5	4	5	4	4	4	4	4	10	10	10	10	67	67	67	67	
BSAI_Atka	63	63	63	50	72	68	59	50	158	147	127	107	204	171	135	116	

## F set to most recent 5-yr mean

Alt 4

Pollock
Pacific cod
sablefish
Yellowfin
Greenland turbot
arrowtooth flounder
Rock sole
Flathead sole
AK Plaice
Pacific ocean perch
Nrthrn RF
Atka mackerel

	Data Y	ear															
	Sum of Cate	ch			Sum of ABC				Sum of OFL				Sum of SSB				
Stock	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	
EBS_Pollock	1,492	1,479	1,488	974	1,284	1,300	1,211	974	2,313	2,325	2,137	1,736	3,223	2,932	2,464	2,261	
BSAI_Pcod	216	206	195	158	179	179	170	158	276	275	261	242	285	296	295	281	
BSAI_Sable	4	2	5	4	4	4	4	4	7	7	7	6	25	25	25	24	
BSAI_Yfin	69	91	90	35	40	40	37	35	150	147	140	130	510	499	480	462	
BSAI_GTurb	2	3	4	4	4	4	4	4	20	19	18	17	58	56	53	51	
BSAI_ATF	16	12	12	4	4	4	4	4	65	65	64	61	521	497	476	450	
BSAI_RockSole	41	42	42	22	27	25	23	22	166	157	145	138	445	424	391	369	
BSAI_FlatheadSole	17	15	20	9	11	11	10	9	75	70	66	61	221	204	190	175	
BSAI_AKPlaice	8	8	10	10	11	11	11	10	244	237	231	224	244	238	234	230	
BSAI_POP	13	12	13	12	12	12	12	12	18	19	19	19	134	134	134	134	
BSAI_Nrthrns	5	4	5	5	5	5	5	5	10	10	10	10	67	67	67	67	
BSAI_Atka	63	63	63	55	79	75	65	55	158	147	127	107	204	171	135	114	

## F set to zero

Alt 5

Pollock Pacific cod sablefish Yellowfin Greenland turbot arrowtooth flounder Rock sole Flathead sole AK Plaice Pacific ocean perch Nrthrn RF Atka mackerel

	Data Y	ear														
!	Sum of Cato	:h		S	ium of ABC			Sum of OFL				Sum of SSB				
Stock	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007	2004	2005	2006	2007
EBS_Pollock	1,492	1,479	1,488	0	0	0	0	0	2,313	2,325	2,137	1,736	3,223	2,932	2,464	2,384
BSAI_Pcod	216	206	195	0	0	0	0	0	276	275	261	242	285	296	295	290
BSAI_Sable	4	2	5	0	0	0	0	0	7	7	7	6	25	25	25	24
BSAI_Yfin	69	91	90	0	0	0	0	0	150	147	140	130	510	499	480	467
BSAI_GTurb	2	3	4	0	0	0	0	0	20	19	18	17	58	56	53	51
BSAI_ATF	16	12	12	0	0	0	0	0	65	65	64	61	521	497	476	450
BSAI_RockSole	41	42	42	0	0	0	0	0	166	157	145	138	445	424	391	370
BSAI_FlatheadSole	17	15	20	0	0	0	0	0	75	70	66	61	221	204	190	176
BSAI_AKPlaice	8	8	10	0	0	0	0	0	244	237	231	224	244	238	234	232
BSAI_POP	13	12	13	0	0	0	0	0	18	19	19	19	134	134	134	136
BSAI_Nrthrns	5	4	5	0	0	0	0	0	10	10	10	10	67	67	67	68
BSAI_Atka	63	63	63	0	0	0	0	0	158	147	127	107	204	171	135	129