

Table 1. Summary recommendations for each BSAI crab stock from the most recent SAFE chapter. Dashes (-) indicate parameters not applicable for that tier. Biomass values are in thousand metric tons (kt). Grayed out text is taken from the 2020 SAFE and is for stocks that have not been updated yet in 2021. All stock values will be updated in Sept 2021.

SAFE Chapt.	Stock	Tier	F _{OFL}	B _{MSY} OR B _{MSYproxy}	B _{MSY} basis years ¹	2021/22 ² MMB	2021/22 MMB / MMB _{MSY}	γ	Natural Mortality (M)	2021/22 OFL	2021/22 ABC	ABC Buffer	Add'l 2021 Buffer ³
1	E. Bering Sea snow crab	3a	1.65	113.7	1982-2019 [recruitment]	276.7	2.43		0.34 (mat.fem) 0.36 (imm.) 0.36 (mat.male)	184.90	92.5	25%	25%
2	Bristol Bay red king crab	3b	0.16	25.4	1984-2019 [recruitment]	14.93	0.59		0.18	2.14	1.61	20%	5%
3	E. Bering Sea Tanner crab	3b	0.93	36.62	1982-2018 [recruitment]	35.31	0.96		0.32 (mat.fem) 0.24 (imm.) 0.29 (mat.male)	21.13	16.90	20%	50%
4	Pribilof Is. red king crab	4a	0.21	1.73	2001-2018 [MMB]	6.43	3.72	1	0.18	0.86	0.65	25%	
5	Pribilof Is. blue king crab	4c	0.00	4.10	1980/81-1984/85 & 1990/91-1997/98 [MMB]	0.180	0.04	1	0.18	0.00116	0.00087	25%	
6	St. Matthew blue king crab	4c	0.047	3.34	1978-2019 [MMB]	1.12	0.34	1	0.18	0.05	0.04	25%	0%
7	Norton Sound red king crab	4a	0.18	2.05	1980-2020 [MMB]	2.27	1.11	1	0.18 (0.58 >124 mm)	0.29	0.20	30%	
8	Aleutian Is. golden king crab	3a	EAG (0.61) WAG (0.57)	12.05	1987/88-2017/18	14.82	1.23		0.21	4.817	3.613	25%	
9	Pribilof Is. golden king crab	5	-	-	See intro chapter	-	-	-	-	0.093	0.070	25%	
10	W. Aleutian Is. red king crab	5	-	-	1995/96-2007/08	-	-	-	-	0.056	0.014	75%	

¹ For Tiers 3, 4 where B_{MSY} proxy is estimable, the years refer to the time period over which the estimate is made. For Tier 5 stocks it is the years upon which the catch average for OFL is obtained.

² MMB as projected in Feb of this year for NSRKC, and June of this year for PIBKC and AIGKC.

³ Additional ABC buffer added for some stock to address added uncertainty in OFL due to absence of 2020 trawl survey data

