

Black sea bass ABC Projections for 2022-2023. The projections assume the 2020-2021 ABCs were caught, with an adjustment for a recreational harvest coverage assuming recreational harvest in both years is equal to 2020 estimated harvest. The projections sample from the estimated recruitment for 2000-2019 and use an OFL CV of 100% (fishing at $F_{MSY\ proxy} = F_{40\%} = 0.46$). The OFLs and ABCs below are the implemented values for 2020 and 2021 and the projected values for 2022-2023. Assumed total catch, OFL, ABC, and SSB are in MT.

Annually Varying ABC 2022-2023

Year	Assumed Total Catch	OFL	ABC	ABC p*	F	SSB	SSB/B _{MSY}
2020	8,310	8,795	6,835	N/A	0.33	26,375	1.83
2021	9,149	8,021	7,916	N/A	0.40	25,057	1.74
2022	8,555	8,735	8,555	0.490	0.41	22,637	1.57
2023	7,557	7,716	7,557	0.490	0.41	19,538	1.35

Average ABC 2022-2023

Year	Assumed Total Catch	OFL	ABC	ABC p*	F	SSB	SSB/B _{MSY}
2020	8,310	8,795	6,835	N/A	0.33	26,375	1.83
2021	9,149	8,021	7,916	N/A	0.395	25,057	1.74
2022	8,055	8,735	8,056	0.461	0.38	22,897	1.59
2023	8,055	7,865	8,056	0.511	0.43	19,683	1.36