

Butterfish 2022 management track projections for 2023–2024. The projections assume a 2022 catch of 5085 mt. OFL catches are catches in each year fishing at $2/3M = 0.85$, prior to calculation of the associated annual ABC. The projections sample from recruitment since 2011 and use the MAFMC standard risk policy with OFL CV = 150%

Annual ABC 2023–2024

Catch, Fishing Mortality (F) and Spawning Stock Biomass (SSB)
 Catch and SSB are in metric tons

Year	OFL Catch	ABC Catch	ABC F	ABC SSB	ABC P*
2023	17,631	17,157	0.824	70,947	0.490
2024	16,113	15,681	0.823	65,210	0.490

Butterfish 2022 management track projections for 2023–2024. The projections assume a 2022 catch of 5085 mt. OFL catches are catches in each year fishing at $2/3M = 0.85$, prior to calculation of the associated annual ABC. The projections sample from recruitment since 2011 and use the MAFMC standard risk policy with OFL CV = 100%

Annual ABC 2023–2024

Catch, Fishing Mortality (F) and Spawning Stock Biomass (SSB)
 Catch and SSB are in metric tons

Year	OFL Catch	ABC Catch	ABC F	ABC SSB	ABC P*
2023	17,631	17,267	0.830	70,896	0.490
2024	16,096	15,764	0.830	65,138	0.490

Butterfish 2022 management track projections for 2023–2024. The projections assume a 2022 catch of 5085 mt. OFL catches are catches in each year fishing at $F_{MSY} = 5.60$, prior to calculation of the associated annual ABC. The projections sample from recruitment since 2011 and use the MAFMC standard risk policy with OFL CV = 150%

Annual ABC 2023–2024

Catch, Fishing Mortality (F) and Spawning Stock Biomass (SSB)

Catch and SSB are in metric tons

Year	OFL Catch	ABC Catch	ABC F	ABC SSB	ABC P*
2023	67,900	66,076	5.329	46,479	0.490
2024	43,665	39,616	4.838	41,303	0.464