

Butterfish 2020 management track projections for 2021–2022. The projections assume a 2020 ABC of 5,443 mt. OFL catches are catches in each year fishing at $F_{MSY} = 0.86$, prior to calculation of the associated annual ABC. The projections sample from the most recent 10 years of recruitment (2010–2019) and use the MAFMC standard risk policy with OFL CV = 100%

Annual ABC 2021–2022

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*
2021	22,053	11,993	0.431	36,935	0.232
2022	24,341	17,854	0.590	32,113	0.355

Average ABC 2021–2022

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*
2021	22,053	14,924	0.549	35,957	0.320
2022	23,674	14,924	0.495	32,340	0.290

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Annual ABC 2021–2022

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*
2021	23,167	12,599	0.433	36,910	0.232
2022	31,317	22,957	0.596	46,061	0.355

Average ABC 2021–2022

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*
2021	23,167	17,778	0.634	35,264	0.375
2022	30,184	17,778	0.466	46,261	0.262

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Annual ABC 2021–2022

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*
2021	22,053	9,966	0.352	37,604	0.232
2022	24,810	16,918	0.541	33,160	0.362

Average ABC 2021–2022

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*
2021	22,053	13,442	0.488	36,454	0.324
2022	30,556	13,442	0.432	33,412	0.225

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Annual ABC 2021–2022

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*
2021	23,167	10,469	0.354	37,579	0.232
2022	31,791	21,662	0.548	47,182	0.362

Average ABC 2021–2022

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*
2021	23,167	16,065	0.566	35,807	0.368
2022	30,556	16,065	0.411	47,381	0.277