

Table ABC. 2021 Bluefish Operational Assessment ABC Projection for 2022-2026 and a 7 year rebuilding projection (2022-2028) with constant fishing mortality. The rebuilding target (SSBMSY) from the 2021 assessment is 201,729 mt. The projections use an estimated 2020 catch and the 2021 ABC of 7,385 mt. The 2020 total catch estimate uses dealer (cfders) data for commercial landings, MRIP harvest (A+B1) data for recreational landings, and GARFO estimated dead discards (MRIP B2 by Wave and State * Discard Mortality * Average weight). Note: Discard Mortality = 0.15 and Average Weight = (Total weight harvested (A+B1) / Total harvest in numbers (A+B1)). OFL Total Catches are catches in each year fishing at Frebuild = 0.154, prior to calculation of the associated annual ABC. The projections sample from the distribution of estimated recruitment for 1985-2019 and use the MAFMC SSC OFL CV working group recommended OFL CV = 100%.

Frebuild Iterative Projection 2022-2026

Total Catch, Fishing Mortality (F)

Pstar and Spawning Stock Biomass (SSB)

Catches and SSB in metric tons

Year	OFL Total Catch	ABC Total Catch	ABC F	ABC P* value	ABC SSB
2020	14,727	9,041	0.093	0.230	112,864
2021	15,352	7,385	0.068	0.285	135,071
2022	18,399	11,460	0.094	0.320	149,387
2023	20,490	13,890	0.102	0.362	166,096
2024	22,773	16,960	0.113	0.391	177,910
2025	24,043	19,094	0.121	0.427	192,273
2026	25,787	22,103	0.131	0.451	204,244

7 year Frebuild projection

Total Catch, Fishing Mortality (F)

Spawning Stock Biomass (SSB)

Catches and SSB in metric tons

Year	Total Catch	F	SSB
2020	9,041	0.093	112,892
2021	7,385	0.068	135,081
2022	18,463	0.154	146,103
2023	19,667	0.154	155,671
2024	21,113	0.154	161,005
2025	21,782	0.154	169,690
2026	23,081	0.154	178,163
2027	24,570	0.154	192,196
2028	25,646	0.154	202,299