

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 FMSY = 0.181, 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%.

Pstar projection annual ABC 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	17,167	9,041	0.092	0.223	110,275
2021	17,501	7,385	0.067	0.277	132,052
2022	21,415	13,094	0.108	0.318	148,615
2023	23,697	15,992	0.120	0.355	163,253
2024	25,889	18,981	0.130	0.380	173,435
2025	27,032	20,956	0.138	0.406	184,146
2026	28,940	23,762	0.148	0.434	195,254

7-year F rebuild projection 2022-2028

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