Atlantic bluefish short-term projection scenarios from the 2023 Management Track Assessment

OFL CV= 100%

Short term projection of total fishery catch and spawning stock biomass (SSB: with 90% CI) for Atlantic Bluefish based on a harvest scenario assuming annual ABC values calculated from Frebuild (0.183) and the MAFMC risk policy (OFL CV = 100%) between 2024 and 2025. Bridge year removals were assumed to be equal to the previously established ABC value of 13,890 MT (grey cells).

YEAR	OFL CATCH (MT)	OFL SSB (MT)	Ffull
2023	13,890	59,135 (39,120 - 89,391)	0.239
2024	11,734	65,030 (41,240 - 102,546)	0.183
2025	12,467	70,974 (43,350 - 116,201)	0.183
YEAR	ABC CATCH (MT)	ABC SSB (MT)	Ffull
2023	13,890	59,135 (39,120 - 89,391)	0.239
2024	7,929	66,706 (41,439 - 107,379)	0.121
2025	9,903	75,757 (43,303 - 132,534)	0.137

Short term projection of total fishery catch and spawning stock biomass (SSB: with 90% CI) for Atlantic Bluefish based on a harvest scenario assuming annual ABC values calculated from Frebuild (0.183) and the MAFMC risk policy (OFL CV = 100%) between 2024 and 2025. Bridge year removals were assumed to be result of fishing at Frebuild = 0.183 (grey cells).

YEAR	OFL CATCH (MT)	OFL SSB (MT)	OFL Ffull
2023	10,827	60,471 (41,382 - 88,364)	0.183
2024	12,166	67,719 (45,503 - 100,782)	0.183
2025	12,818	73,426 (46,758 - 115,304)	0.183
YEAR	ABC CATCH (MT)	ABC SSB (MT)	ABC Ffull
2023	10,827	60,471 (41,382 - 88,364)	0.183
2024	8,517	69,335 (45,753 - 105,074)	0.125
2025	10,450	77,982 (46,763 - 130,043)	0.141

OFL CV = 60%

Short term projection of total fishery catch and spawning stock biomass (SSB: with 90% CI) for Atlantic Bluefish based on a harvest scenario assuming annual ABC values calculated from Frebuild (0.183) and the MAFMC risk policy (CV = 60%) between 2024 and 2025. Bridge year removals were assumed to be equal to the previously established ABC value of 13,890 MT (grey cells).

YEAR	OFL CATCH (MT)	OFL SSB (MT)	OFL Ffull
2023	13,890	59,135 (39,120 - 89,391)	0.239
2024	11,734	65,030 (41,240 - 102,546)	0.183
2025	12,467	70,974 (43,350 - 116,201)	0.183
YEAR	ABC CATCH (MT)	ABC SSB (MT)	ABC Ffull
2023	13,890	59,135 (39,120 - 89,391)	0.239
2024	9,039	66,221 (40,995 - 106,970)	0.139
2025	10,627	74,371 (42,119 - 131,322)	0.150

Short term projection of total fishery catch and spawning stock biomass (SSB: with 90% CI) for Atlantic Bluefish based on a harvest scenario assuming annual ABC values calculated from Frebuild (0.183) and the MAFMC risk policy (CV = 60%) between 2024 and 2025. Bridge year removals were assumed to be result of fishing at Frebuild = 0.183 (grey cells).

YEAR	OFL CATCH (MT)	OFL SSB (MT)	OFL Ffull
2023	10,827	60,471 (41,382 - 88,364)	0.183
2024	12,166	67,719 (45,503 - 100,782)	0.183
2025	12,818	73,426 (46,758 - 115,304)	0.183
YEAR	ABC CATCH (MT)	SSB (MT)	ABC Ffull
2023	10,827	59,135 (39,120 - 89,391)	0.183
2024	9,594	68,861 (45,309 - 104,658)	0.142
2025	11,118	76,650 (45,608 - 128,820)	0.153