
















Stock Status of MAFMC-Managed Species

(as of 9/21/20)

SPECIES	STATUS DETERMINATION CRITERIA		Stock Status	Most Recent Assessment
	Overfishing $F_{\text{threshold}}$	Overfished $\frac{1}{2} B_{\text{MSY}}$		
 Summer Flounder	$F_{35\%_{\text{MSP}}}=0.448$	63 million lbs	No overfishing Not overfished	Most recent benchmark assessment was 2018.
 Scup	$F_{40\%_{\text{MSP}}}=0.215$	103.64 million lbs	No overfishing Not overfished	Most recent operational assessment was 2019.
 Black Sea Bass	$F_{40\%_{\text{MSP}}}=0.46$	15.53 million lbs	No overfishing Not overfished	Most recent operational assessment was 2019.
 Bluefish	$F_{35\%_{\text{SPR}}}=0.183$	219.05 million lbs	No overfishing Overfished	Most recent operational assessment was 2019.
 Illex Squid (short finned)	Unknown	Unknown	Unknown Unknown	Most recent benchmark assessment was 2006; not able to determine current exploitation rates or stock biomass.
 Longfin Squid	Unknown	46.7 million lbs	Unknown Not overfished	Most recent assessment was 2020; not able to determine current exploitation rates.
 Atlantic Mackerel	$F_{40\%}=0.26$	217.0 million pounds	Overfishing Overfished	Most recent benchmark assessment was 2017
 Butterfish	$F_{\text{Proxy}}=2/3M=0.81$	50.3 million lbs	No overfishing Not overfished	Most recent assessment was 2020.

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Surfclam 	$F/F_{\text{threshold}} = 1^a$	$SSB/SSB_{\text{threshold}} = 1^b$	No overfishing Not overfished	Most recent assessment was 2020
Ocean Quahog 	$F/F_{\text{threshold}} = 1^c$	$SSB/SSB_{\text{threshold}} = 1^d$	No overfishing Not overfished	Most recent assessment was 2020.
Golden Tilefish 	$F_{38\%MSP} = 0.310$	10.46 million lbs	No overfishing Not overfished	Most recent assessment update was 2017.
Blueline Tilefish 	Unknown	Unknown	South of Cape Hatteras: No overfishing Not overfished North of Cape Hatteras: Unknown Unknown	Most recent benchmark assessment was 2017.
Spiny Dogfish (Joint mgmt with NEFMC) 	$F_{\text{MSY}} = 0.2439$	175.6 million lbs Female SSB	No overfishing Not overfished	Most recent assessment update was 2018.
Monkfish (Joint mgmt with NEFMC) 	NFMA & SFMA $F_{\text{MAX}} = 0.2$	NFMA - 1.25 kg/tow SFMA - 0.93 kg/tow (autumn trawl survey)	Unknown Unknown	Recent benchmark failed peer review and invalidated previous 2010 benchmark assessment results. Operational assessment in 2019 used survey data to scale earlier ABC.
Chub Mackerel 	At least 3,026 MT of catch per year	At least 3,026 MT of catch three years in a row	No overfishing Not overfished	No stock assessment.

SOURCES: Office of Sustainable Fisheries - Status Report of U.S. Fisheries; SAW/SARC, SEDAR, and TRAC Assessment Reports.

^a $F_{\text{threshold}}$ is calculated as 4.136 times the mean F during 1982 - 2015

^b $SSB_{\text{threshold}}$ is calculated as $SSB_0/4$

^c $F_{\text{threshold}}$ is 0.019

^d $SSB_{\text{threshold}}$ is calculated as $0.4 * SSB_0$