




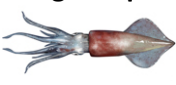











Stock Status of MAFMC-Managed Species

(as of 3/22/21)

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.
 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.

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	Overfishing $F_{\text{threshold}}$	Overfished $\frac{1}{2} B_{\text{MSY}}$		
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.

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 $0.4 * SSB_0$.