















# Stock Status of MAFMC-Managed Species

(as of February 15, 2019)

SPECIES	STATUS DETERMINATION CRITERIA		OVERFISHING	OVERFISHED	REBUILDING PROGRAM / STOCK STATUS
	Overfishing $F_{\text{threshold}}$	Overfished $\frac{1}{2} B_{\text{MSY}}$			
<b>Summer Flounder</b> 	$F_{35\%MSP}=0.448$	63 million lbs	No	No	Most recent benchmark assessment was 2018. Preliminary results, pending SSC review and final NMFS determination.
<b>Scup</b> 	$F_{40\%MSP}=0.22$	96.23 million lbs	No	No	Most recent benchmark assessment was 2015. Most recent assessment update was 2017.
<b>Black Sea Bass</b> 	$F_{40\%MSP}=0.36$	10.7 million lbs	No	No	Most recent benchmark assessment was 2016.
<b>Bluefish</b> 	$F_{35\%SPR}=0.19$	111.7 million lbs	No	No	Most recent benchmark assessment was 2015.
<b>Illex Squid (short finned)</b> 	Unknown	Unknown	Unknown	Unknown	Most recent benchmark assessment was 2006; not able to determine current exploitation rates or stock biomass.
<b>Longfin Squid</b> 	Unknown	46.7 million lbs	Unknown	No	Most recent assessment update was 2017; not able to determine current exploitation rates.
<b>Atlantic Mackerel</b> 	$F_{40\%}=0.26$	217.0 million pounds	Yes	Yes	Most recent benchmark assessment was 2017
<b>Butterfish</b> 	$F_{\text{Proxy}}=2/3M=0.81$	50.3 million lbs	No	No	Most recent assessment update was 2017.

SPECIES	STATUS DETERMINATION CRITERIA		OVERFISHING	OVERFISHED	REBUILDING PROGRAM / STOCK STATUS
	Overfishing $F_{\text{threshold}}$	Overfished $\frac{1}{2} B_{\text{MSY}}$			
<b>Surfclam</b> 	$F/F_{\text{threshold}} = 1^a$	$SSB/SSB_{\text{threshold}} = 1^b$	No	No	Most recent benchmark assessment was 2016.
<b>Ocean Quahog</b> 	$F/F_{\text{threshold}} = 1^c$	$SSB/SSB_{\text{threshold}} = 1^d$	No	No	Most recent benchmark assessment was 2017.
<b>Golden Tilefish</b> 	$F_{38\%MSP}=0.310$	10.46 million lbs	No	No	Most recent assessment update was 2017.
<b>Blueline Tilefish</b> 	Unknown	Unknown	South of Cape Hatteras: No North of Cape Hatteras: Unknown	South of Cape Hatteras: No North of Cape Hatteras: Unknown	Most recent benchmark assessment was 2017.
<b>Spiny Dogfish</b> (Joint mgmt with NEFMC) 	$F_{\text{MSY}}=0.2439$	175.6 million lbs Female SSB	No	No	Most recent assessment update was 2018. Most recent benchmark assessment was 2010.
<b>Monkfish</b> (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	Most recent benchmark assessment was 2010. Most recent operational assessment was in 2016.

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

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

<sup>b</sup>  $SSB_{\text{threshold}}$  is calculated as  $SSB_0/4$

<sup>c</sup>  $F_{\text{threshold}}$  is 0.019

<sup>d</sup>  $SSB_{\text{threshold}}$  is calculated as  $0.4 * SSB_0$