
















Stock Status of MAFMC-Managed Species

(as of 3/23/20)

| 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 update was 2017; 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 update was 2017. |

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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 benchmark assessment was 2016. |
| Ocean Quahog  | $F/F_{\text{threshold}} = 1^c$ | $SSB/SSB_{\text{threshold}} = 1^d$ | No overfishing Not overfished | Most recent benchmark assessment was 2017. |
| 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 ^e | At least 3,026 MT of catch three years in a row ^e | 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 $0.4 * SSB_0$

^e The Council approved these chub mackerel status determination criteria in March 2019; however, they have not yet been approved by NOAA Fisheries.