Striped Bass Management

Jonluke O'Cain Marine Science 5/13/2024





- Migratory
 - Range extends from Florida to Canada
- Predatory
- High fishing pressure

3.8 million pounds commercial vs 36 million pounds recreational

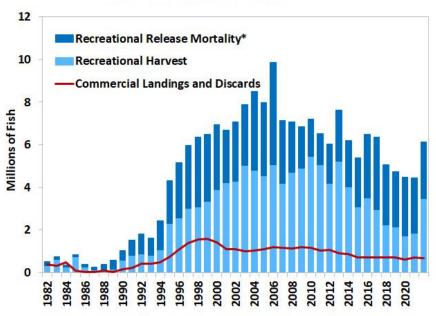


Review history

- Federal protections began in 2007
- Landlocking/habitat loss
- High stock volatility lead to very early regulations

Atlantic Striped Bass Commercial Landings and Discards & Recreational Landings and Release Mortality

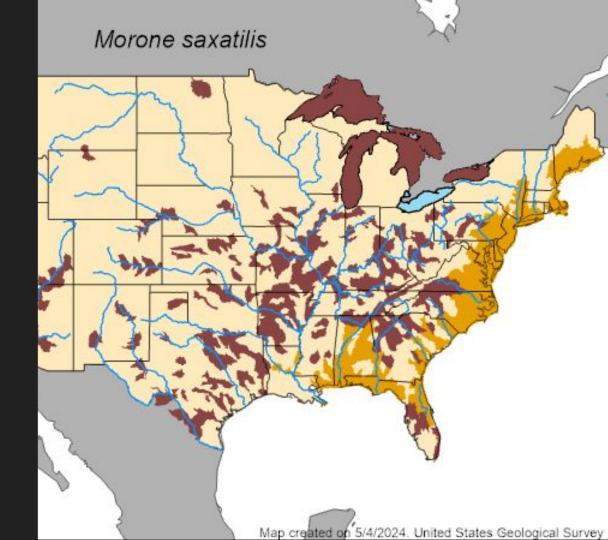
Source: State Compliance Reports, 2023



^{* 9%} of fish released alive are assumed to die because of being caught.

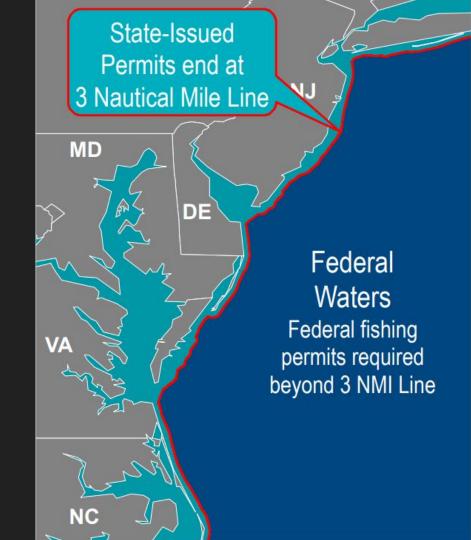
Actors

- Congress
- NOAA
- Atlantic States Marine
 Fisheries Commission
- State Agencies eg.
 DNREC
- Fisherman (recreational and commercial)
- Canada



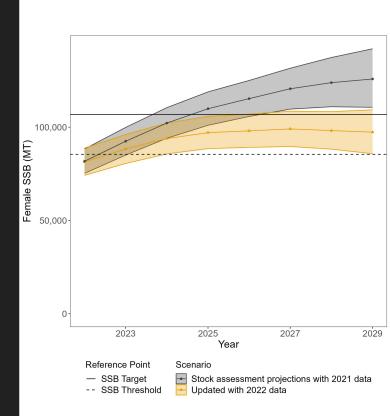
Legislation/Policy

- Closed in Federal waters
- Costal
 - Maximum 31in
 - Minimum size and Season varies
- Canada
 - Similar regulations to the states



Policy Solutions

- Habitat restoration
 - Dam removal
 - Ending dredging
- More restrictive harvest
 - Poaching
 - Non-Harvest Mortality



Solutions Cont.

- Supplemental stocking
 - Genetic Diversity
 - Funding
- Promote Aquaculture
 - Waste
 - Escapement





References

- https://www.cbf.org/blogs/save-the-bay/2024/03/secrets-of-the-striper.html
- https://www.fisheries.noaa.gov/atlantic-highly-migratory-species/atlantic-highly-migratory-species-permits
- https://www.asmfc.org/species/atlantic-striped-bass
- https://dnr.maryland.gov/fisheries/pages/regulations/bay_regs.aspx
- https://www.thefisherman.com/article/striped-bass-history-and-life-cycle/
- https://news.climate.columbia.edu/2016/04/13/making-fish-farming-more-sust-ainable/
- https://en.wikipedia.org/wiki/Striped_bass_fishing#/media/File:Striped_bass_F
 WS_1.jpg