



# **Draft Addendum VI**

## **Overview and Management Options**

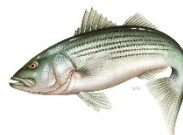


**Atlantic Striped Bass Management Board**  
**October 30, 2019**

# Overview



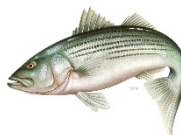
- Review Draft Addendum VI and Public Comment Summary (*M. Appelman*)
- AP Report (*M. Appelman*)
- LEC Report (*K. Blanchard*)
- Final Action on Addendum VI



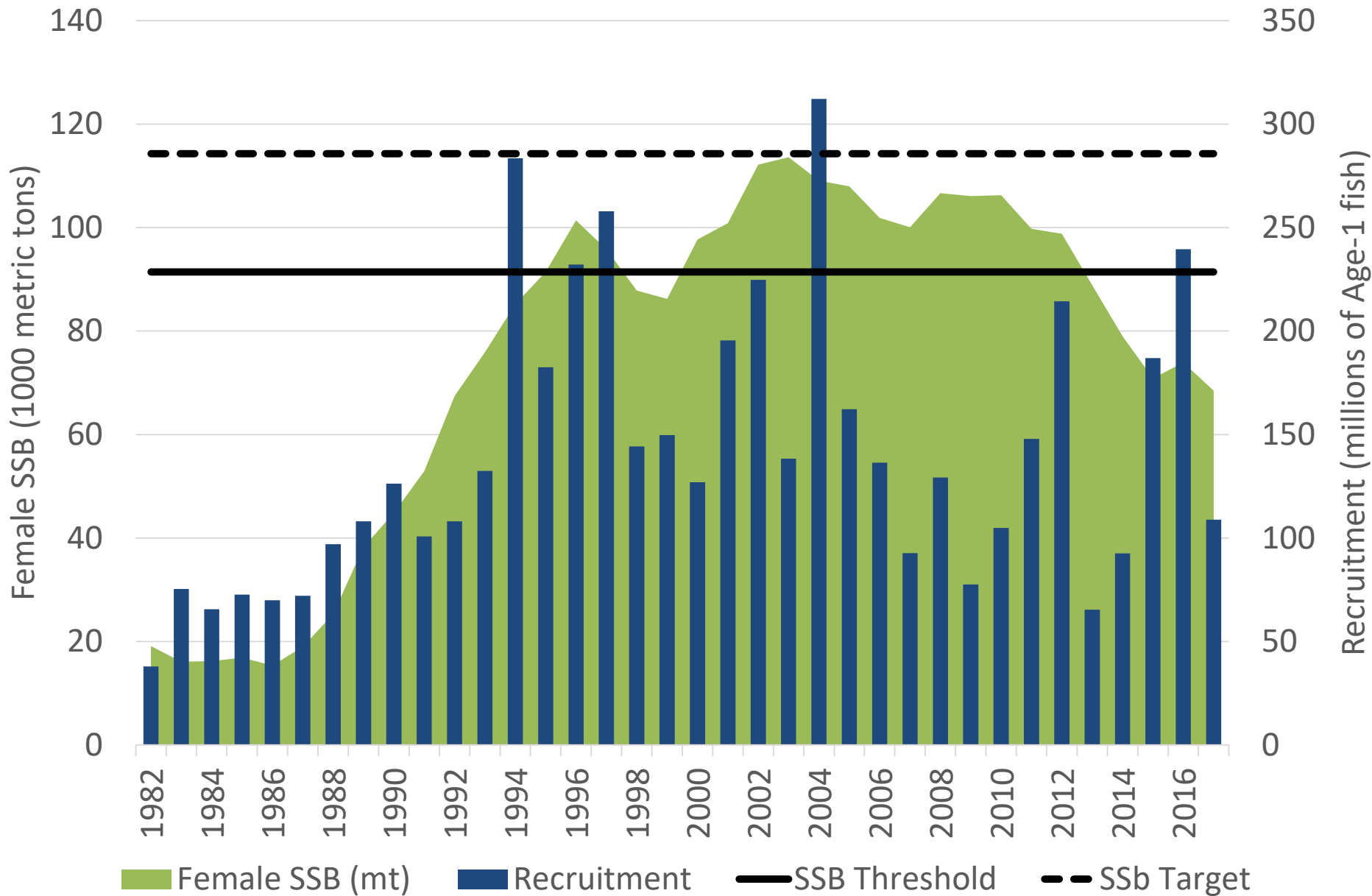
# Draft Addendum VI



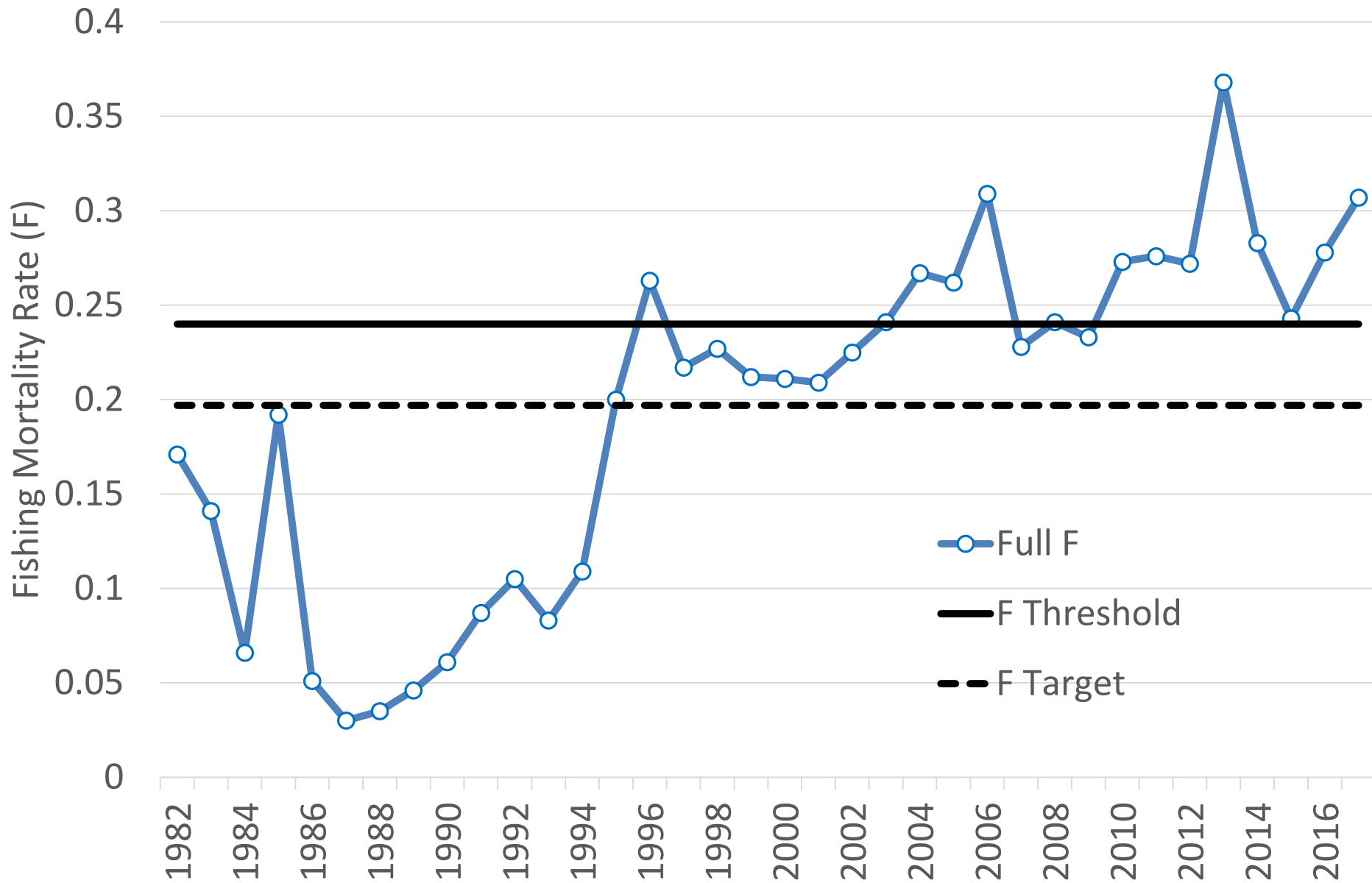
- 2018 Benchmark found striped bass to be overfished and experiencing overfishing
- Initiated to address overfishing and to reduce fishing mortality to the target in 2020
- 18% reduction in removals from 2017 levels
  - Proposes reductions to commercial quotas and changes in recreational bag/size limits
  - Proposes mandatory use of circle hooks when fishing with bait to address discard mortality in the recreational sector



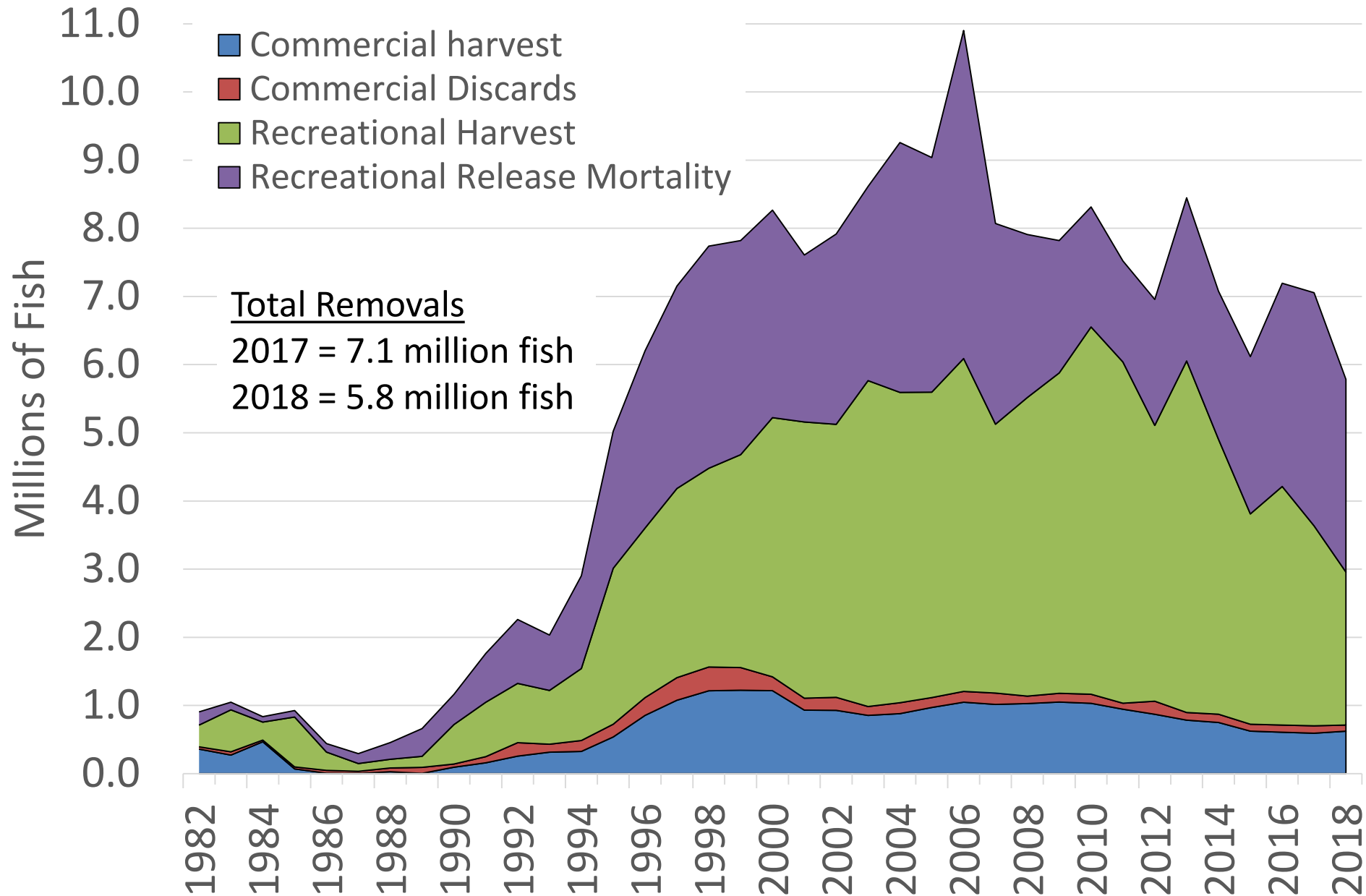
# Status of the Stock



# Status of the Stock



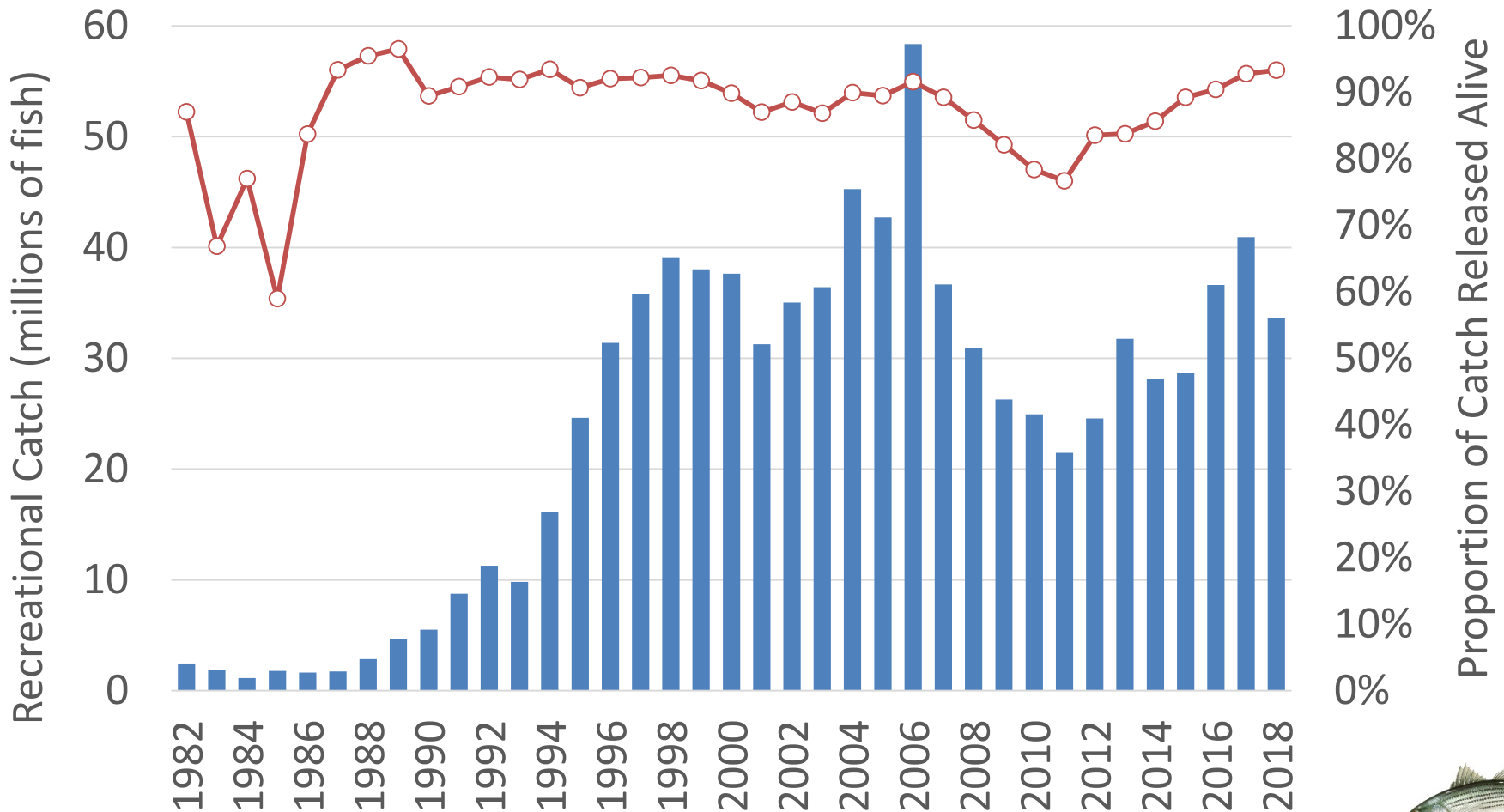
# Total Removals by Sector, Disposition



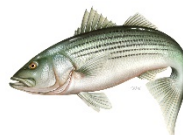
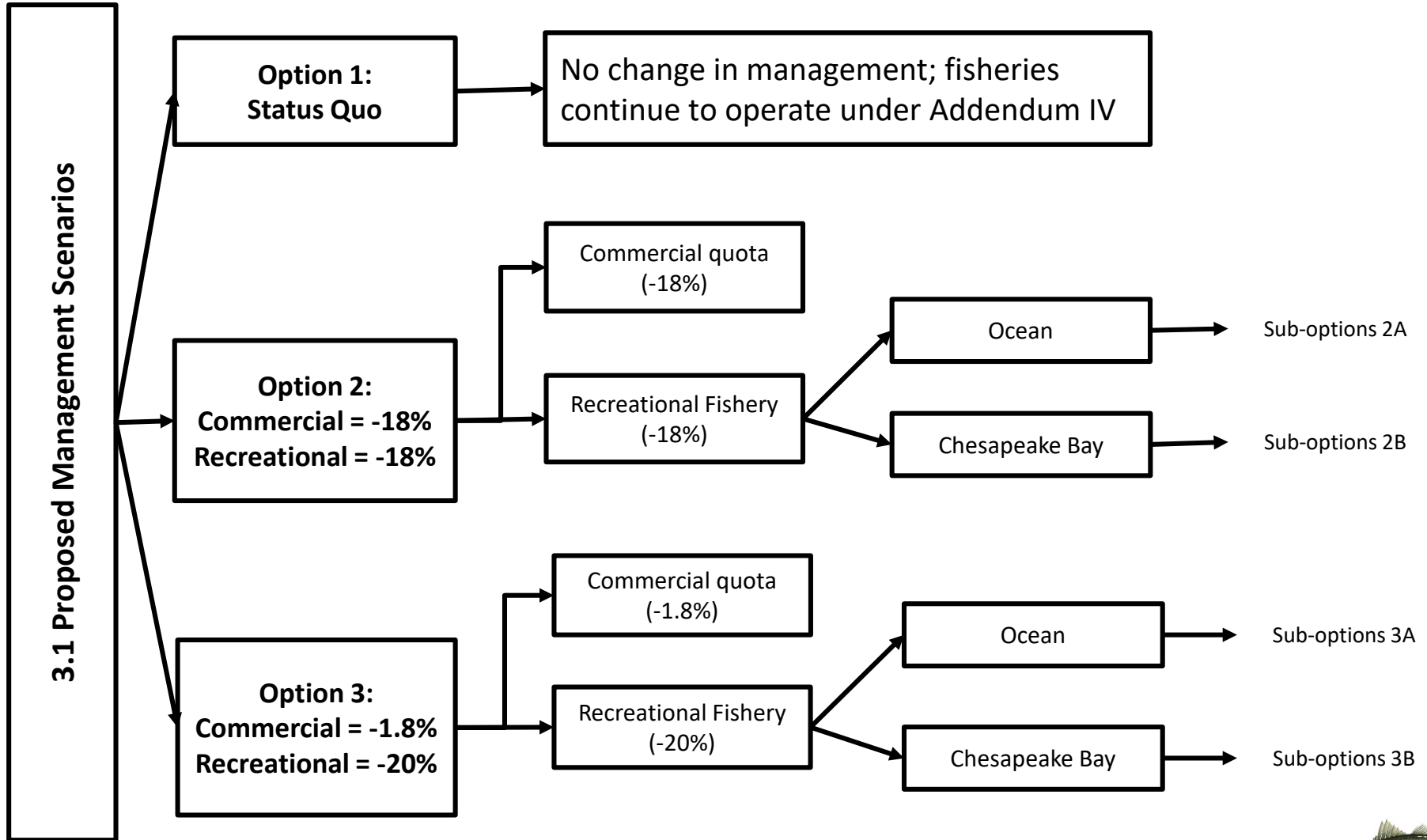
# Recreational Catch and Release



- Recreational release mortality makes up a large portion of total mortality because most of the catch is released



# 3.1 Management Program





# Option 2 (equal % reduction)



- Commercial: quotas reduced by 18%
- Recreational: total removals reduced by 18%

## – Ocean Fishery Sub-options:

|      |                        |      |
|------|------------------------|------|
| 2-A1 | 1 fish @ 35" min       | -18% |
| 2-A2 | 1 fish @ 28"-35" slot  | -19% |
| 2-A3 | 1 fish @ 30"-38" slot* | -18% |
| 2-A4 | 1 fish @ 32"-40" slot* | -21% |

## – Chesapeake Bay Fishery Sub-options:

|      |                        |      |
|------|------------------------|------|
| 2-B1 | 1 fish @ 18" min       | -20% |
| 2-B2 | 2 fish @ 22" min       | -18% |
| 2-B3 | 2 fish @ 18"-23" slot* | -19% |
| 2-B4 | 2 fish @ 20"-24" slot* | -19% |



# Option 3 (different % reductions)



- Commercial: quotas reduced by 1.8%
- Recreational: total removals reduced by 20%

## – Ocean Fishery Sub-options:

|      |                        |      |
|------|------------------------|------|
| 3-A1 | 1 fish @ 36" min       | -20% |
| 3-A2 | 1 fish @ 28"-34" slot  | -22% |
| 3-A3 | 1 fish @ 30"-37" slot* | -21% |
| 3-A4 | 1 fish @ 32"-40" slot* | -21% |

## – Chesapeake Bay Fishery Sub-options:

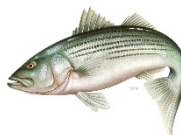
|      |                        |      |
|------|------------------------|------|
| 3-B1 | 1 fish @ current min   | -29% |
| 3-B2 | 1 fish @ 18" min       | -20% |
| 3-B3 | 2 fish @ 23" min*      | -20% |
| 3-B4 | 2 fish @ 18"-22" slot* | -21% |
| 3-B5 | 2 fish @ 20"-23" slot* | -20% |
| 3-B6 | 2 fish @ 22"-40" slot* | -21% |



# Recreational Sub-Options



- High uncertainty with bag/size limit analysis
  - Changes in effort
  - Changes in availability; size and age structure of the population and the distribution of fish
- Designed to limit harvest and total removals
  - Release mortality is projected to increase
  - Reduce the number of trips encountering striped bass to reduce both harvest and release mortality



# Conservation Equivalency (CE)



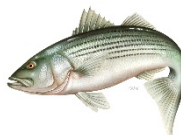
- Addendum VI maintains flexibility to develop alternative measures to address specific state or regional differences while still achieving the same level of conservation for the resource
  - TC developed criteria for CE with Addendum VI
  - Some sub-options achieve more than the target percent reduction
  - **Board Decision: what percentage will states be held to for CE proposals?**



## 3.2 Circle Hook Provision



- **Option A:** status quo, no change to current provision; states are *recommended* to promote the use of circle hooks to anglers
- **Option B:** *required* to implement *regulations* requiring the use of circle hooks when fishing with bait.
  - Standard definition, but flexibility to develop language
  - Includes education component
- **Option C:** *required* to *promote* the use of circle hooks when fishing with bait



# 4.0 Compliance Schedule



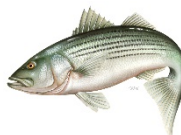
- Board to set a date for when Addendum VI measures become effective
- If approved, states must implement Addendum VI according to the following schedule to be in compliance with the Atlantic Striped Bass ISFMP
  - *Nov 30, 2019*: implementation plans due
  - *Feb 2020*: Board review and approval
  - *XXXX*: States implement regulations



# Action Items



1. Primary Options (1, 2, or 3)
  - Rec Sub-option for the ocean fishery
  - Rec Sub-option for Chesapeake Bay
2. Conservation Equivalency: what percentage will states be held to?
3. Circle hooks (A, B, or C)
  - Guidance to Plan Review Team
4. Implementation Date
  - Submit by Nov 30 to be considered at the Feb 2020 meeting





# Draft Addendum VI

## Public Comment Summary



Atlantic Striped Bass Management Board  
October 30, 2019



# Public Comment Summary

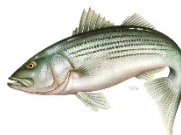


## Public Hearings

- 21 hearings in all 14 jurisdictions
- 888 individuals attended the hearings
  - 31% in New England
  - 48% in Mid Atlantic
  - 21% in Chesapeake Bay

## Written Comment

- A total of 5,523 comments received
- 4,486 received through 7 different form letters
- 45 organizations submitted comment
- Remaining comment (992) came from individual stakeholders



# 3.1 Management Program



- Option 1: least supported
  - The stock status is driven by environmental factors
  - Predation, forage, and poor habitat should be addressed
  - The issue is release mortality which can be addressed through education alone
  - All the options will increase release mortality
  - Harvest in 2018 already dropped by 18%
  - Distrust in the science

|              | Primary Options |             |            |
|--------------|-----------------|-------------|------------|
|              | 1               | 2           | 3          |
| Individual   | 26              | 516         | 27         |
| Organization | 5               | 31          | 5          |
| Form Letter  |                 | 4466        |            |
| Hearings     |                 |             |            |
| ME           | 3               | 30          |            |
| NH           |                 | 15          |            |
| MA           | 9               | 80          | 10         |
| RI           |                 | 21          |            |
| CT           | 2               | 35          | 3          |
| NY           |                 | 20          |            |
| NJ           | 1               | 28          |            |
| PA           | 2               | 3           | 1          |
| DE           | 7               | 2           | 1          |
| MD           | 20              | 33*         | 50         |
| PRFC         |                 | 3           | 8          |
| DC           |                 | 2           |            |
| VA           | 9               | 2           | 17         |
| NC           |                 |             |            |
| <b>TOTAL</b> | <b>84</b>       | <b>5254</b> | <b>122</b> |

# 3.1 Management Program



- Option 1: least supported
- Option 2: most supported
  - All sectors benefit from the resource, so all sectors should share the responsibility of ending overfishing and rebuilding the resource.
  - The most equitable way to implement reductions.
  - Option 3 is an unbalanced approach to reduce removals.

|              | Primary Options |             |            |
|--------------|-----------------|-------------|------------|
|              | 1               | 2           | 3          |
| Individual   | 26              | 516         | 27         |
| Organization | 5               | 31          | 5          |
| Form Letter  |                 | 4466        |            |
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| RI           |                 | 21          |            |
| CT           | 2               | 35          | 3          |
| NY           |                 | 20          |            |
| NJ           | 1               | 28          |            |
| PA           | 2               | 3           | 1          |
| DE           | 7               | 2           | 1          |
| MD           | 20              | 33*         | 50         |
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# 3.1 Management Program



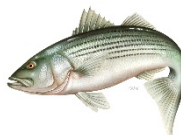
- Option 1: least supported
- Option 2: most supported
- Option 3: 2<sup>nd</sup> most supported
  - There is already high accountability and monitoring for the commercial sector
  - An 18% reduction in quota will not help reduce total removals
  - The fishery and stock status is driven by recreational removals
  - To share the burden equally does not necessarily mean equal %.

|              | Primary Options |             |            |
|--------------|-----------------|-------------|------------|
|              | 1               | 2           | 3          |
| Individual   | 26              | 516         | 27         |
| Organization | 5               | 31          | 5          |
| Form Letter  |                 | 4466        |            |
| Hearings     |                 |             |            |
| ME           | 3               | 30          |            |
| NH           |                 | 15          |            |
| MA           | 9               | 80          | 10         |
| RI           |                 | 21          |            |
| CT           | 2               | 35          | 3          |
| NY           |                 | 20          |            |
| NJ           | 1               | 28          |            |
| PA           | 2               | 3           | 1          |
| DE           | 7               | 2           | 1          |
| MD           | 20              | 33*         | 50         |
| PRFC         |                 | 3           | 8          |
| DC           |                 | 2           |            |
| VA           | 9               | 2           | 17         |
| NC           |                 |             |            |
| <b>TOTAL</b> | <b>84</b>       | <b>5254</b> | <b>122</b> |

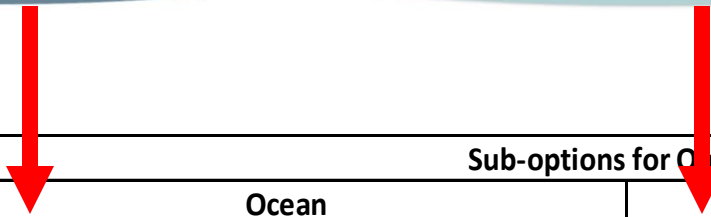
# 3.1 Management Program



- Very few cases of consensus (if any) among sectors within a state, region, and at the coastwide level
- Higher minimum size limits (e.g., 35" min)
  - Worked to rebuild the fishery before; will likely reduce effort and do more to rebuild the stock
  - Slot limits put too much pressure on one year class and impacts on the future population is unclear
- Slot size limits (e.g., 28"-35" slot)
  - Protect large females; small fish have chance to spawn
  - A higher minimum size would put for-hire party/charter boats out of business



# 3.1 Management Program



|              | Primary Options |             |            | Sub-options for Option 2    |                             |                             |                             |                             |                             |                             |                             |
|--------------|-----------------|-------------|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|              |                 |             |            | Ocean                       |                             |                             |                             | Chesapeake Bay              |                             |                             |                             |
|              | 1               | 2           | 3          | 2-A1<br>1 fish @<br>35" min | 2-A2<br>1 fish @<br>28"-35" | 2-A3<br>1 fish @<br>30"-38" | 2-A4<br>1 fish @<br>32"-40" | 2-B1<br>1 fish @<br>18" min | 2-B2<br>2 fish @<br>22" min | 2-B3<br>2 fish @<br>18"-23" | 2-B4<br>2 fish @<br>20"-24" |
| Individual   | 26              | 516         | 27         | 234                         | 47                          | 5                           | 26                          | 150                         |                             | 15                          | 15                          |
| Organization | 5               | 31          | 5          | 14                          | 9                           | 3                           | 2                           | 8                           | 4                           |                             | 1                           |
| Form Letter  |                 | 4466        |            | 48                          |                             |                             |                             | 48                          |                             |                             |                             |
| Hearings     |                 |             |            |                             |                             |                             |                             |                             |                             |                             |                             |
| ME           | 3               | 30          |            | 18                          | 4                           | 4                           | 1                           | 9                           |                             |                             |                             |
| NH           |                 | 15          |            | 13                          | 2                           |                             |                             | 11                          | 2                           |                             |                             |
| MA           | 9               | 80          | 10         | 57                          | 24                          |                             | 1                           | 1                           |                             |                             |                             |
| RI           |                 | 21          |            | 4                           |                             |                             | 17                          | 21                          |                             |                             |                             |
| CT           | 2               | 35          | 3          | 22                          | 9                           | 1                           | 3                           | 4                           |                             |                             |                             |
| NY           |                 | 20          |            | 17                          | 2                           |                             |                             | 8                           |                             |                             |                             |
| NJ           | 1               | 28          |            | 14                          | 8                           |                             | 1                           | 4                           |                             |                             |                             |
| PA           | 2               | 3           | 1          | 1                           |                             | 2                           |                             |                             |                             |                             |                             |
| DE           | 7               | 2           | 1          | 1                           |                             |                             |                             |                             |                             |                             |                             |
| MD           | 20              | 33*         | 50         |                             |                             |                             |                             |                             |                             |                             |                             |
| PRFC         |                 | 3           | 8          |                             | 1                           |                             |                             | 2                           |                             |                             |                             |
| DC           |                 | 2           |            | 2                           |                             |                             |                             | 2                           |                             |                             |                             |
| VA           | 9               | 2           | 17         |                             | 1                           |                             |                             |                             | 1                           |                             |                             |
| NC           |                 |             |            |                             |                             |                             |                             |                             |                             |                             |                             |
| <b>TOTAL</b> | <b>84</b>       | <b>5254</b> | <b>122</b> | <b>445</b>                  | <b>107</b>                  | <b>15</b>                   | <b>51</b>                   | <b>268</b>                  | <b>7</b>                    | <b>15</b>                   | <b>16</b>                   |

# 3.1 Management Program



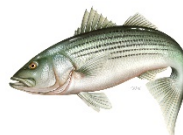
|              | Primary Options |             |            | Sub-options for Option 3    |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
|--------------|-----------------|-------------|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|              |                 |             |            | Ocean                       |                             |                             |                             | Chesapeake Bay                  |                             |                             |                             |                             |                             |
|              | 1               | 2           | 3          | 3-A1<br>1 fish @<br>36" min | 3-A2<br>1 fish @<br>28"-34" | 3-A3<br>1 fish @<br>30"-37" | 3-A4<br>1 fish @<br>32"-40" | 3-B1<br>1 fish @<br>current min | 3-B2<br>1 fish @<br>18" min | 3-B3<br>2 fish @<br>23" min | 3-B4<br>2 fish @<br>18"-22" | 3-B5<br>2 fish @<br>20"-23" | 3-B6<br>2 fish @<br>22"-40" |
| Individual   | 26              | 516         | 27         | 5                           | 10                          |                             | 2                           | 4                               | 1                           |                             | 2                           | 2                           | 1                           |
| Organization | 5               | 31          | 5          | 1                           |                             |                             |                             | 1                               |                             |                             |                             |                             |                             |
| Form Letter  |                 | 4466        |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| Hearings     |                 |             |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| ME           | 3               | 30          |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| NH           |                 | 15          |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| MA           | 9               | 80          | 10         |                             |                             |                             |                             |                                 | 1                           |                             |                             |                             |                             |
| RI           |                 | 21          |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| CT           | 2               | 35          | 3          | 2                           | 1                           |                             |                             |                                 |                             |                             |                             |                             |                             |
| NY           |                 | 20          |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| NJ           | 1               | 28          |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| PA           | 2               | 3           | 1          |                             | 1                           |                             |                             | 1                               |                             |                             |                             |                             |                             |
| DE           | 7               | 2           | 1          | 1                           |                             |                             |                             |                                 | 1                           |                             |                             |                             |                             |
| MD           | 20              | 33*         | 50         |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| PRFC         |                 | 3           | 8          |                             |                             |                             |                             |                                 | 1                           |                             | 1                           |                             |                             |
| DC           |                 | 2           |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| VA           | 9               | 2           | 17         |                             | 1                           |                             |                             |                                 |                             |                             | 1                           |                             |                             |
| NC           |                 |             |            |                             |                             |                             |                             |                                 |                             |                             |                             |                             |                             |
| <b>TOTAL</b> | <b>84</b>       | <b>5254</b> | <b>122</b> | <b>9</b>                    | <b>13</b>                   | <b>0</b>                    | <b>2</b>                    | <b>6</b>                        | <b>4</b>                    | <b>0</b>                    | <b>4</b>                    | <b>2</b>                    | <b>1</b>                    |

# 3.2 Circle Hook Provision



- **Option A: status quo**
  - Least supported
  - Circle hooks were selected arbitrarily among other gears
  - The benefits of circle hooks is not quantifiable
  - Mandating the use of circle hooks is an overreach of authority and is not enforceable.

| Issue 2: Circle Hook Provision |                             |          |          |
|--------------------------------|-----------------------------|----------|----------|
|                                | Option A                    | Option B | Option C |
| Individual                     | 8                           | 336      | 10       |
| Organization                   | 2                           | 21       | 8        |
| Form Letter                    |                             | 4466     |          |
| Hearings                       |                             |          |          |
| ME                             |                             | 15       |          |
| NH                             | 1                           | 16       | 2        |
| MA                             | 6                           | 45       | 5        |
| RI                             |                             | 4        | 17       |
| CT                             |                             | 17       |          |
| NY                             | 4                           | 14       | 6        |
| NJ                             | 2                           | 6        |          |
| PA                             |                             | 4        | 1        |
| DE                             | 1                           | 2        |          |
| MD                             | Support Use of Circle Hooks |          |          |
| PRFC                           |                             | 2        |          |
| DC                             |                             | 2        |          |
| VA                             |                             | 20       |          |
| NC                             |                             |          |          |
| TOTAL                          | 24                          | 4970     | 49       |





# 3.2 Circle Hook Provision



- **Option B:** mandatory use when fishing with bait
  - Most supported
  - Little doubt that circle hooks save fish and that's what is needed now
  - Law abiding anglers will make the switch if they are required.
  - Some states already require the use of circle hooks
  - The requirement should be phased in to allow tackle shops time to go through inventory.

| Issue 2: Circle Hook Provision |                             |          |          |
|--------------------------------|-----------------------------|----------|----------|
|                                | Option A                    | Option B | Option C |
| Individual                     | 8                           | 336      | 10       |
| Organization                   | 2                           | 21       | 8        |
| Form Letter                    |                             | 4466     |          |
| Hearings                       |                             |          |          |
| ME                             |                             | 15       |          |
| NH                             | 1                           | 16       | 2        |
| MA                             | 6                           | 45       | 5        |
| RI                             |                             | 4        | 17       |
| CT                             |                             | 17       |          |
| NY                             | 4                           | 14       | 6        |
| NJ                             | 2                           | 6        |          |
| PA                             |                             | 4        | 1        |
| DE                             | 1                           | 2        |          |
| MD                             | Support Use of Circle Hooks |          |          |
| PRFC                           |                             | 2        |          |
| DC                             |                             | 2        |          |
| VA                             |                             | 20       |          |
| NC                             |                             |          |          |
| TOTAL                          | 24                          | 4970     | 49       |

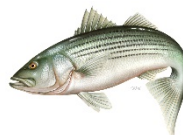


# 3.2 Circle Hook Provision



- **Option C:** education and outreach required
  - Challenges with enforceability that have to be considered.
  - Recognize the benefits of circle hooks, but efforts should focus on education rather than enforcement
  - Angler education may be the first step towards stricter compliance requirements down the road

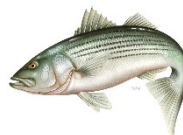
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| ME                             |                             | 15          |           |
| NH                             | 1                           | 16          | 2         |
| MA                             | 6                           | 45          | 5         |
| RI                             |                             | 4           | 17        |
| CT                             |                             | 17          |           |
| NY                             | 4                           | 14          | 6         |
| NJ                             | 2                           | 6           |           |
| PA                             |                             | 4           | 1         |
| DE                             | 1                           | 2           |           |
| MD                             | Support Use of Circle Hooks |             |           |
| PRFC                           |                             | 2           |           |
| DC                             |                             | 2           |           |
| VA                             |                             | 20          |           |
| NC                             |                             |             |           |
| <b>TOTAL</b>                   | <b>24</b>                   | <b>4970</b> | <b>49</b> |



# Additional Comments



- Commenters support **conservation equivalency** when used appropriately, however, a lot of negative comment also
- **Poor Data**; little confidence in MRIP and the 2018 benchmark stock assessment results
- Strong support for **angler education** on size limits, the use of circle hooks, and how to properly release fish
- **Restrictions to Protect ‘Trophy Fish’**
- **Law Enforcement**; concerns of poaching, weak penalties for violations, and the need for more law enforcement officers
- **Gear Restrictions**; other restrictions on hook types and fishing methods to address release mortality, like eliminating treble hooks, gaffing, and trolling, or exploring the use of barbless hooks.





# Advisory Panel Report Draft Addendum VI

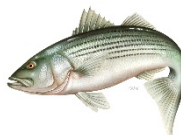


Atlantic Striped Bass Management Board  
October 30, 2019

# AP Report



- The AP met on October 16 near Baltimore, MD
- *Attendees:*
  - Louis Bassano (Chair, NJ – recreational)
  - Dave Pecci (ME – recreational)
  - Kyle Douton (CT – recreational)
  - Arnold Leo (NY – commercial)
  - Al Ristori (NJ – recreational)
  - John Pedrick (PA – recreational)
  - Leonard Voss JR. (DE – commercial)
  - David Sikorski (MD – recreational)
  - Bill Hall (VA – recreational)
  - Kelly Place (VA – commercial)

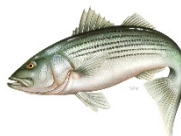


# AP Report



## 3.1 Proposed Management Scenarios

- No comment in support of Option 1 (status quo)
- The AP did not reach consensus in support of either Option 2 or Option 3
- the AP doesn't support one recreational sub-option strongly over the others because there is little agreement among anglers within states



# AP Report



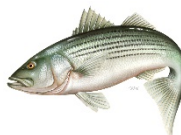
- In favor of Option 3 (different % reductions)
  - Commercial representatives
  - Strict quota monitoring, enforcement, and accountability (pound for pound payback)
  - An 18% reduction in commercial quota will cause significant hardship to individual fishermen
  - When the commercial sector takes a cut in quota, harvest comes down to that level until managers adjust the quota. When the recreational sector takes reductions, harvest still bounces back to prior levels without management action
  - The recreational sector wouldn't be expected to take cuts for overages from the commercial sector.



# AP Report



- In favor of Option 2 (equal % reduction)
  - Charter and recreational representatives
  - FMP doesn't distinguish commercial versus recreational F
  - 18% reduction from the rec fishery is much bigger volume of fish and is an equitable approach
  - Different percent reductions is a question of allocation
  - the AP doesn't support one recreational sub-option strongly over the others because there is little agreement among anglers within states

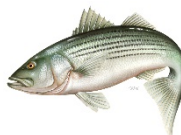




# AP Report



- Some support for Option 2-A1 (1 fish @ 35"); Others favored 2-A3 (1 fish @ 30"-38" slot)
- CBay reps did not comment on the sub-options; support the states direction to purse CE for the Bay
  - AP supports the use of conservation equivalency when used appropriately.
  - Representatives support regional consistency, especially from a for-hire/multispecies context.



# AP Report

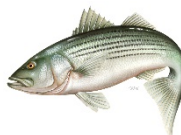


## 3.2 Circle Hook Provision

- AP supports Option B
  - recognizes the benefits of circle hooks to reduce hooking mortality
  - Many anglers already use circle hooks and many more will switch over if it becomes law.

## Recommendations:

- States should collaborate when drafting language.
- States should focus on the education component and enforcement if circle hooks are required

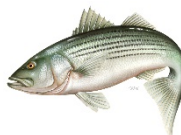


# AP Report



## General Comments

- The Board should focus on the overall goal to reduce F by reducing total removals
- Need to have better accounting for commercial discards
- Need more discussion on season closures to achieve the reductions
- Board should consider other hook types to address discard mortality, not just circle hooks
- Constant reductions are difficult for business planning.
- Virginia took steps this year to reduce mortality in its striped bass fisheries





# **Law Enforcement Committee Report Draft Addendum VI**



**Atlantic Striped Bass Management Board  
October 30, 2019**



# Technical Committee Criteria for Conservation Equivalency with Addendum VI



Striped Bass Management Board  
October 30, 2019

# Management Program Equivalency



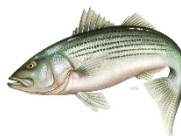
- Conservation equivalency (CE) allows states to develop alternative measures to address specific state or regional differences while still achieving the same level of conservation for the resource
  - Several states currently implement CE programs
  - Draft Addendum VI maintains this flexibility
  - All CE proposals are subject to technical review and Board approval



# CE – Recreational Measures



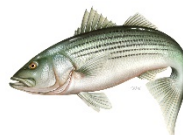
- When does a state need to submit a CE proposal?
  - If deviating from the Board selected sub-option, states must submit a state-specific analysis using state-specific data demonstrating the proposal meets the required reduction relative to 2017 levels



# CE – Recreational Measures



- **Data source**: Marine Recreational Information Program (MRIP)
- **Data years**:
  - 2016-2017 for all size-related analyses
  - 2015-2018 data for seasonal and mode-based analyses
- Alternative data sources and years may be used, however, the state must justify its use and its applicability to the analysis conducted

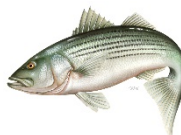




# CE – Recreational Measures



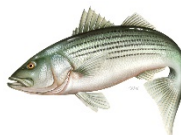
- **Analyses:**
  - Follow the standard procedures for size and bag limit analyses
  - All other analyses to be reviewed on a case-by-case basis
  - Confidence intervals (CI's) may be considered by the TC



# CE – Recreational Measures



- **Non-compliance**: Assume the same level of non-compliance that occurred in 'data years' will occur in 2020
- **Post release mortality**: Use 9% as the default, states may use alternative estimates if supported by the scientific literature
- **Closed Seasons**: Using closed seasons to achieve the required reductions will be evaluated on a case-by-case basis



# CE – Commercial Measures



- Draft Add. VI accounts for previously implemented commercial CE proposals, therefore states do not need to re-submit if maintaining current comm. size limits



# Conservation Equivalency



- States may allocate the total required reduction differently between regions (e.g., ocean and inshore waters) and sectors (commercial and recreational) as long as the total, state-wide reduction is at least equal to the total required reduction

