



Draft Addendum 1 to the Cobia FMP: Public Comment Overview

October 2020

Public Comment



- 9 Comments
 - 7 individuals
 - 2 Groups ASA and VSSA
- 4 Hearings with ~ 25 attend
 - VA
 - NC
 - GA/SC
 - DE/MD/PFRC

Issue 1: Allocations



Option A. (Status Quo) Recreational quota: 92% (73,703 fish) of the coastwide total harvest quota; Commercial quota: 8% (146,231 lb)

Option B. Recreational quota: 97% (77,917 fish) of the coastwide total harvest quota; Commercial quota: 3% (54,837 lb)

Option C. Recreational quota: 96% (76,908 fish) of the coastwide total harvest quota; Commercial quota: 4% (73,116 lb)

Option D. Recreational quota: 95% (76,106 fish) of the coastwide total harvest quota; Commercial quota: 5% (91,394 lb)

Issue 1: Allocation



Written Comments	A. Status Quo	B. 97%/3%	C. 96%/4%	D. 95%/5%
Individual	7	-	-	-
Organization	-	2	-	-
Public Hearings				
VA	1	1	1	-
DE/PRFC/MD	-	-	-	-
NC	3	-	-	-
SC/GA	-	-	-	-
Total	11	3	1	0

VA Discard Data



Trip Date	QTY	DISP	GEARNAME	TARGET_SPECIES_1	TARGET_SPECIES_2
2016	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	MENHADEN
2016	3	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	N/A
2016	2	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	SPOT
2016	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	SPOT
2016	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	CROAKER
2017	2	Under Size Limit	GILL NET, DRIFT, OTHER	CROAKER	N/A
2017	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	N/A
2017	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	N/A
2017	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	N/A
2017	3	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	N/A
2017	3	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	N/A
2017	7	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	SPOT
2017	4	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	SPOT
2017	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	N/A
2018	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	N/A
2018	2	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	STRIPED BASS	BLUE CATFISH
2018	2	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	SPOT
2018	2	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	STRIPED BASS	BLUE CATFISH
2018	1	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	SPOT
2019	1	Under Size Limit	POUND NET, FISH	SPANISH MACKEREL	N/A
2019	4	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	CROAKER
2019	2	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	CROAKER	N/A
2019	31	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	N/A
2019	3	Under Size Limit	GILL NET, SINK/ANCHOR, OTHER	SPOT	N/A

Issue 2: Commercial Trigger



Option A. (Status Quo) Average number of days from the previous three years for commercial landings to go from the trigger percentage to the full commercial quota, less any *de minimis* set aside.

Option B. Calculate the commercial trigger using the TC-recommended method:

1. Daily commercial harvest rates for non-*de minimis* states based on harvests from the previous 5 years.
2. Average the 5 annual rates to estimate the daily rate for the entire time period.
3. Subtract 30 days' worth of harvest (30 times the average daily harvest rate) from the non-*de minimis* portion of the commercial quota.

Issue 2: Commercial Trigger



Written Comments	A. Status Quo	B. 97%/3%
Individual	-	-
Organization	-	1
Public Hearings		
VA	1	2
DE/PRFC/MD	-	-
NC	2	1
SC/GA	-	-
Total	3	4

Issue 3: Commercial *De Minimis*



Option A. (Status Quo) To account for potential, unmonitored landings in *de minimis* states, 3% of the commercial quota would be set aside and not accessible to non-*de minimis* states.

Option B. 3% of the commercial quota or 3,000 pounds, whichever is less.

Option C. 3% of the commercial quota or 5,000 pounds, whichever is less.

Issue 3: Commercial *De Minimis*



Option D. To account for potential, unmonitored landings in *de minimis* states, 4% of the commercial quota would be set aside and not accessible to non-*de minimis* states.

Option E. 4% of the commercial quota or 3,000 pounds, whichever is less.

Option F. 4% of the commercial quota or 5,000 pounds, whichever is less.

Issue 3: Commercial *De Minimis*



De minimis set-aside portions of the commercial quota for each of the commercial quota options listed for Issue 1.

Issue 1 Commercial Quota Options (lb)	<i>De Minimis</i> Set-Aside (lb) with 3%	<i>De Minimis</i> Set-Aside (lb) with 4%
A. 146,231	4,387*	5,849*^
B. 54,837	1,645	2,193
C. 73,116	2,193	2,925
D. 91,394	2,742	3,656*

*Would be reduced to 3,000 pounds if Issue 2: Option B or E approved.

^Would be reduced to 5,000 pounds if Issue 2 Option C or F is approved.

Issue 3: Commercial *De Minimis*



Written Comments	A Status Quo	B. 3% or 3,000	C. 3% or 5,000	D. 4%	E. 4% or 3,000	F. 4% or 5,000
Individual	-	-	1	-	-	-
Organization	-	1	-	-	-	-
Public Hearings						
VA	-	-	-	-	1	1
DE/PRFC/M D	-	-	-	-	-	-
NC	-	-	-	-	-	-
SC/GA	-	-	-	-	-	-
Total	0	1	1	0	1	1

Issue 4: Recreational *De Minimis*



Option A. (Status Quo) A recreational *de minimis* state may match the recreational measures of the nearest non-*de minimis* state or limit its recreational fishery to 1 fish per vessel per trip with a minimum size of **29 inches FL (or the TL equivalent, 33 inches)**.

Option B. A recreational *de minimis* state may match the recreational measures of the nearest non-*de minimis* state or limit its recreational fishery to 1 fish per vessel per trip with a minimum size of **31 inches FL (TL: 35 inches)**.

Option C. A recreational *de minimis* state may match the recreational measures of the nearest non-*de minimis* state or limit its recreational fishery to 1 fish per vessel per trip with a minimum size of **33 inches fork length (TL: 37 inches)**.

Recreational *De Minimis*



Written Comments	A. Status Quo	B. 31 FL	C. 33 FL
Individual	-	-	1
Organization	-	-	-
Public Hearings			
VA	-	-	3
DE/PRFC/MD	-	-	-
NC	-	-	2
SC/GA	-	-	-
Total	0	0	6

Questions?



Photo by Aaron Kelly



2020 Traffic Light Analysis for Spot and Atlantic Croaker

Atlantic States Marine Fisheries Commission
South Atlantic Fisheries Management Board

Annual Meeting
October 20, 2020

Outline



1. 2019 Survey Data
2. 2020 TLA for Spot
3. 2020 TLA for Atlantic Croaker
4. Addendum III Management Response

2019 Survey Data



- No ChesMMAP indices for both species due to recalibration of new boat and gear
 - Will be available next year
- No VIMS survey data for Croaker estimates for 2019
- NEAMAP was discussed for use, but the TC had concerns about the reference period
 - TC will consider for use in composite indices once the survey has been running for 15 years (currently in its 13th year of operation)
- Will evaluate 2020 survey data next year



SPOT

2020 TLA for Spot: Addendum III Updates

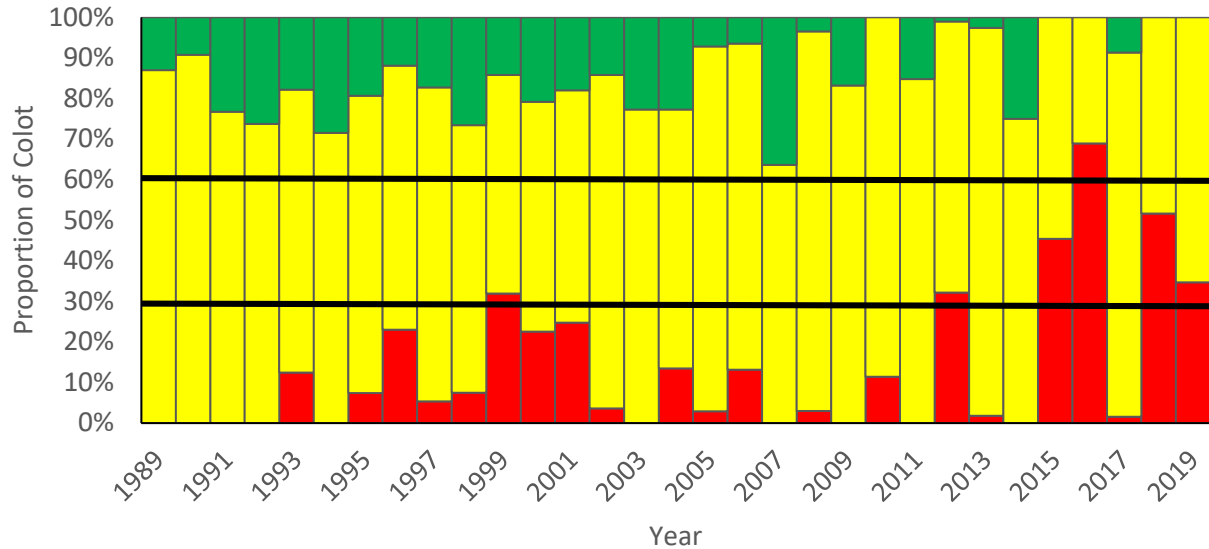


- Incorporated indices from ChesMMAF and NCDMF Program 195
- Use of revised adult abundance indices from the surveys in which age-length keys and length composition information is used to estimate adult individuals
- Use of regional metrics: Mid-Atlantic and South Atlantic, split at the VA and NC border
- Change/Establish the survey reference time period to 2002-2012
- Change the triggering mechanism: if both the adult abundance and harvest 30% or 60% thresholds are exceeded in two of the three terminal years

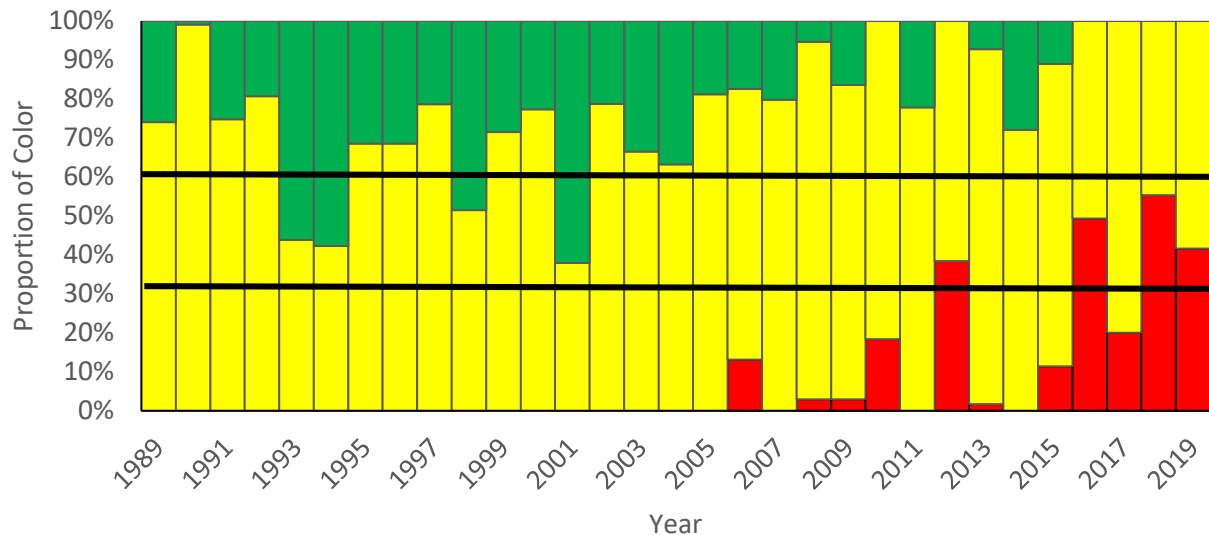
2020 TLA for Spot: Harvest Composite Indices



- Mid-Atlantic harvest composite exceeded the 30% threshold for 4 of the last 5 years (34.7% red)



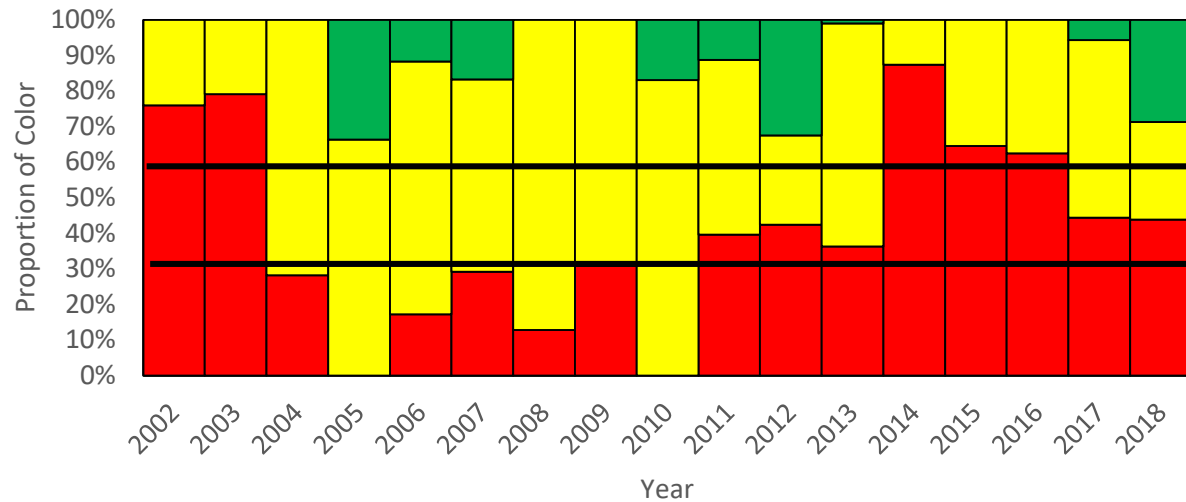
- South Atlantic harvest composite exceeded the 30% threshold for 3 of the last 4 years (41.6% red)



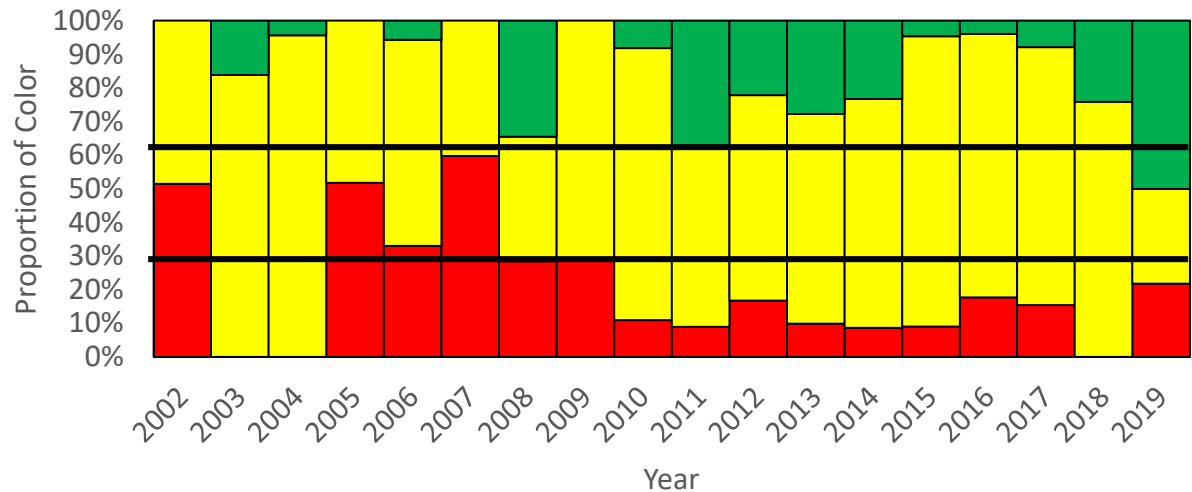
2020 TLA for Spot: Adult Abundance Composite Indices



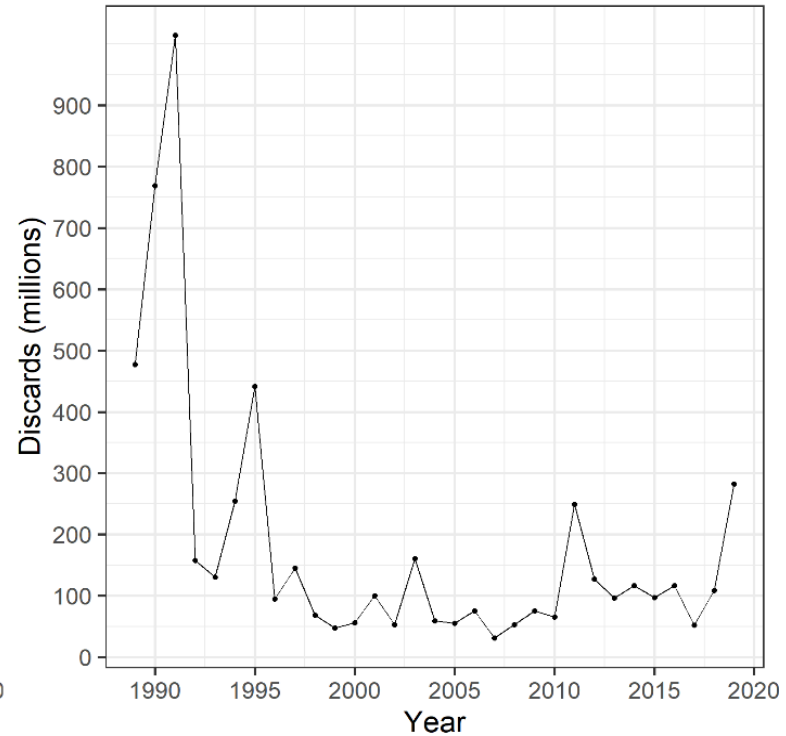
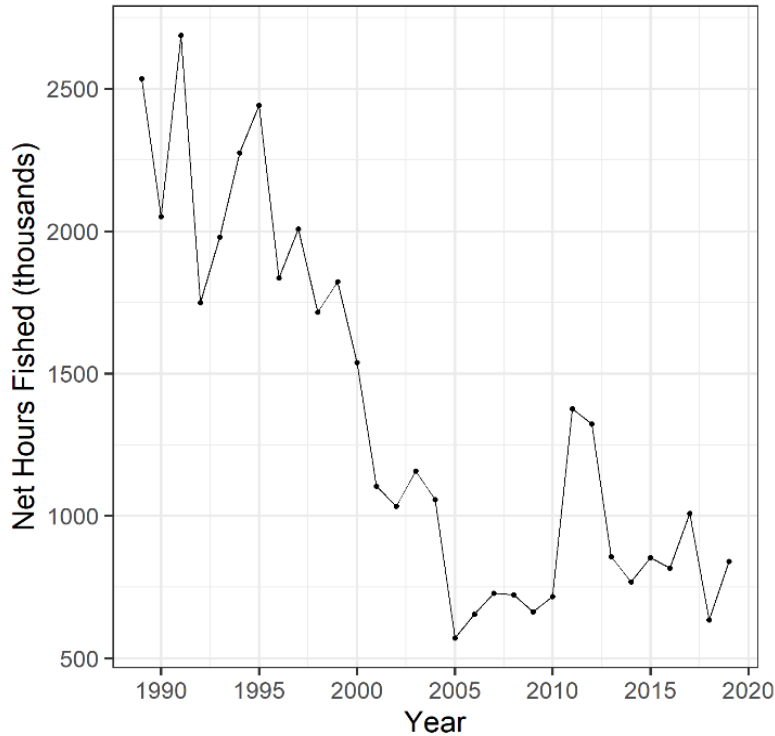
- Mid-Atlantic adult abundance composite exceeded the 30% threshold for the last 5 years.



- South Atlantic adult abundance did not exceed the 30% red threshold in 2019



2020 TLA for Spot: Shrimp Trawl Data

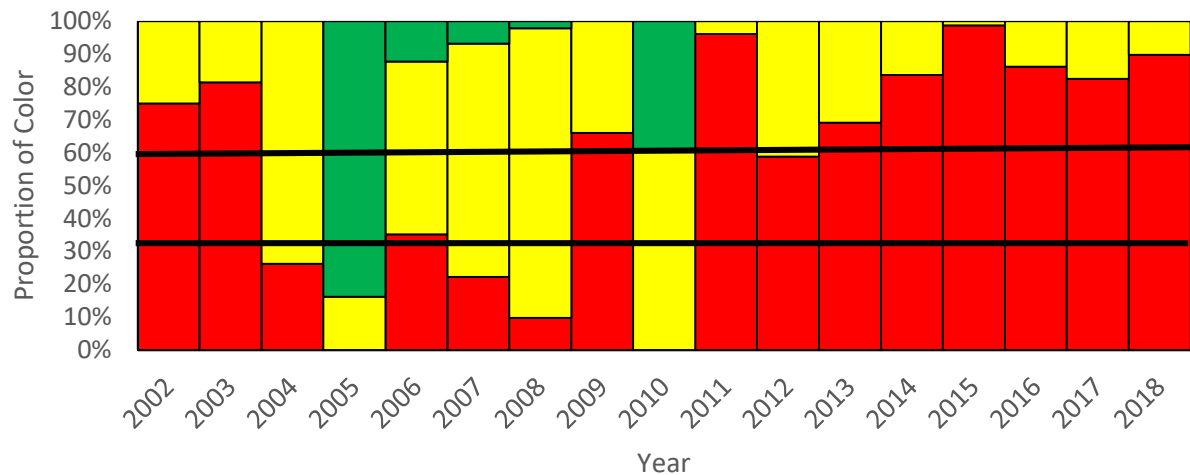


- South Atlantic Shrimp Trawl Fishery
 - Total net hours fished (left) and discards of spot (right)
 - Discards highest in 2019 since 1995

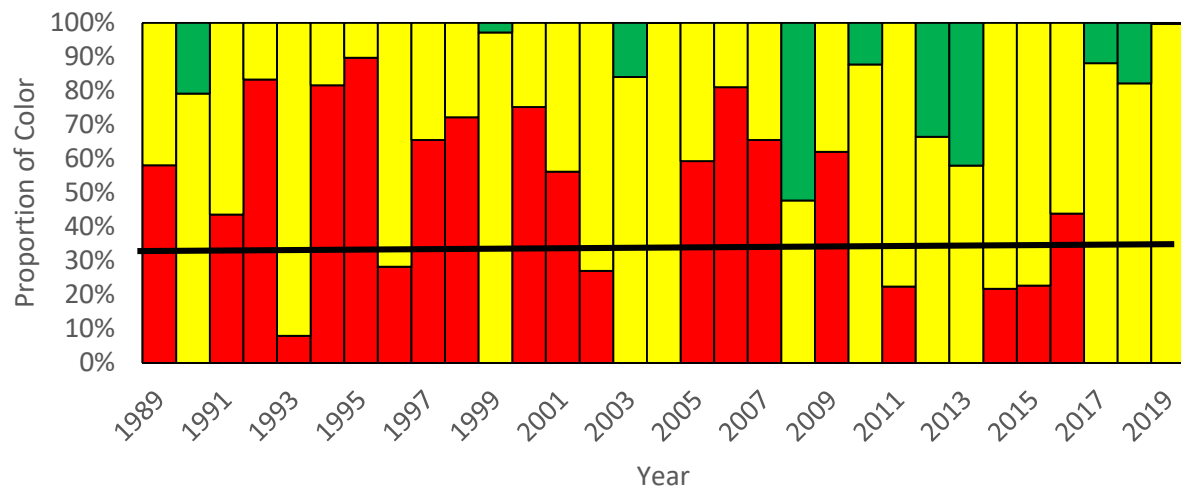
2020 TLA for Spot: Juvenile Composite Indices



- Mid-Atlantic juvenile composite index is over 60% for the last 8 years.



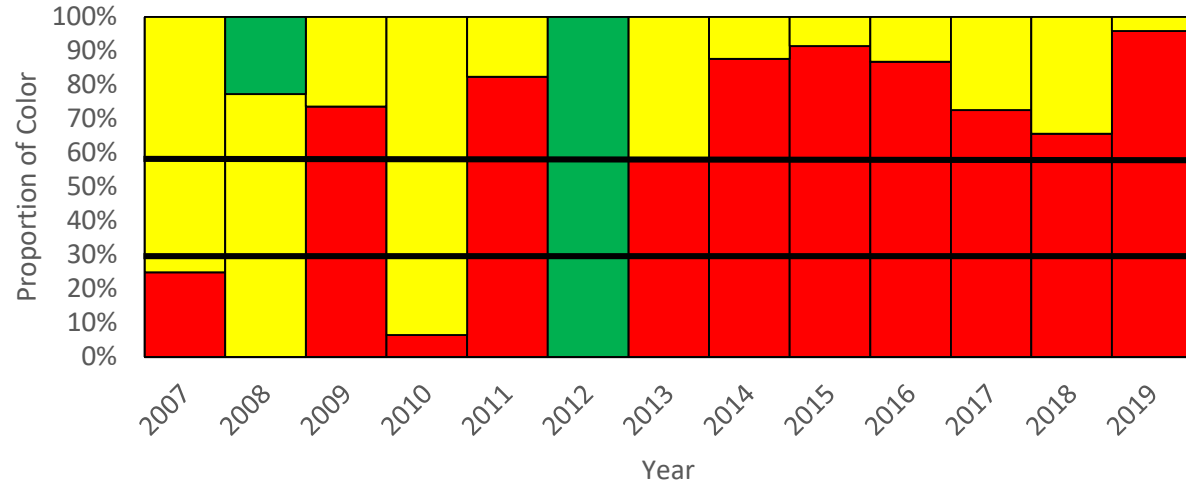
- South Atlantic Juvenile composite (NCDMF Program 195 for Age 0 fish) has not exceeded 30% red since 2016



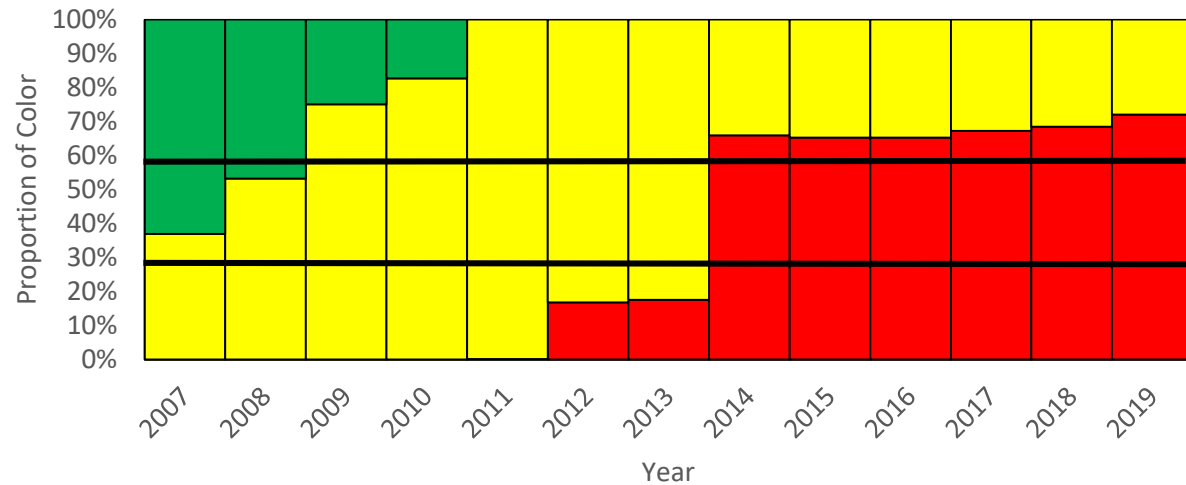
2020 TLA for Spot: NEAMAP



- Juvenile color proportions have exceeded 60% since 2014



- Adult color proportions had red proportions over 60% for the last 6 years

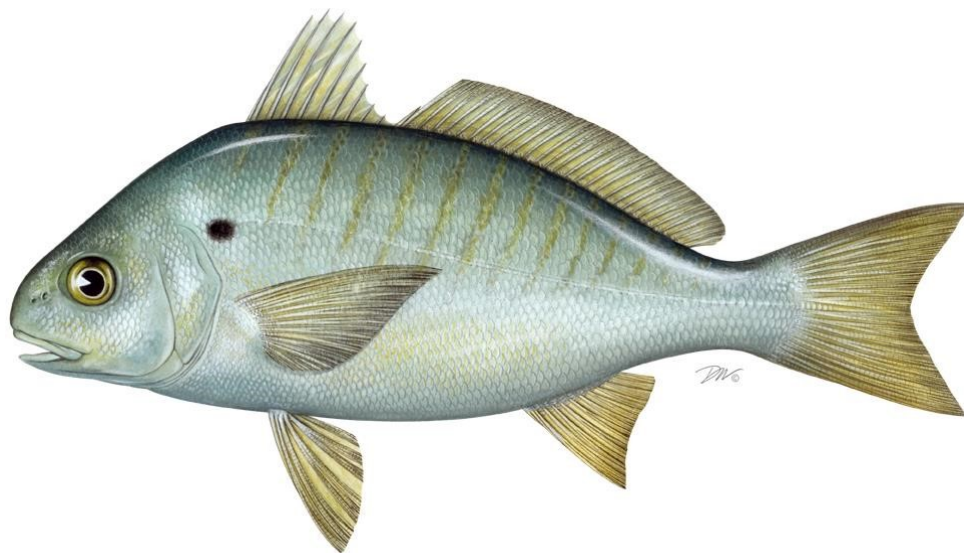


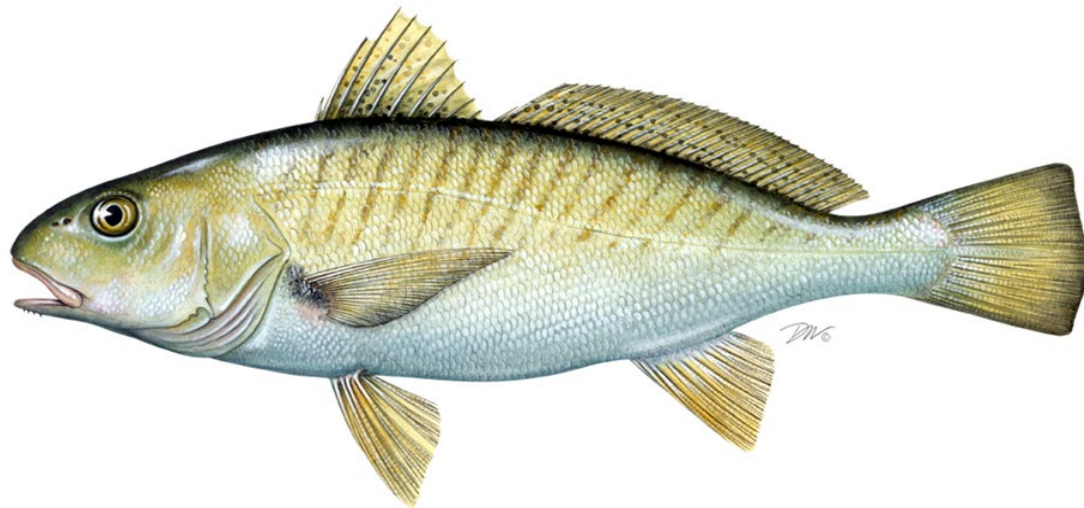
2020 TLA for Spot: Summary



- The harvest composite tripped at the 30% level in both the Mid-Atlantic and Southern regions
- The Adult abundance composite tripped at the 30% in the Mid-Atlantic but not the Southern Region.
- Since both harvest and abundance metrics tripped at the 30% level in the Mid-Atlantic, spot management outlined in Addendum III has been triggered coastwide.
- The inclusion of missing 2019 data will not affect the triggered designation (will remain tripped regardless of red levels of missing values)

Questions?





ATLANTIC CROAKER

2020 TLA for Atlantic Croaker: Addendum III Updates

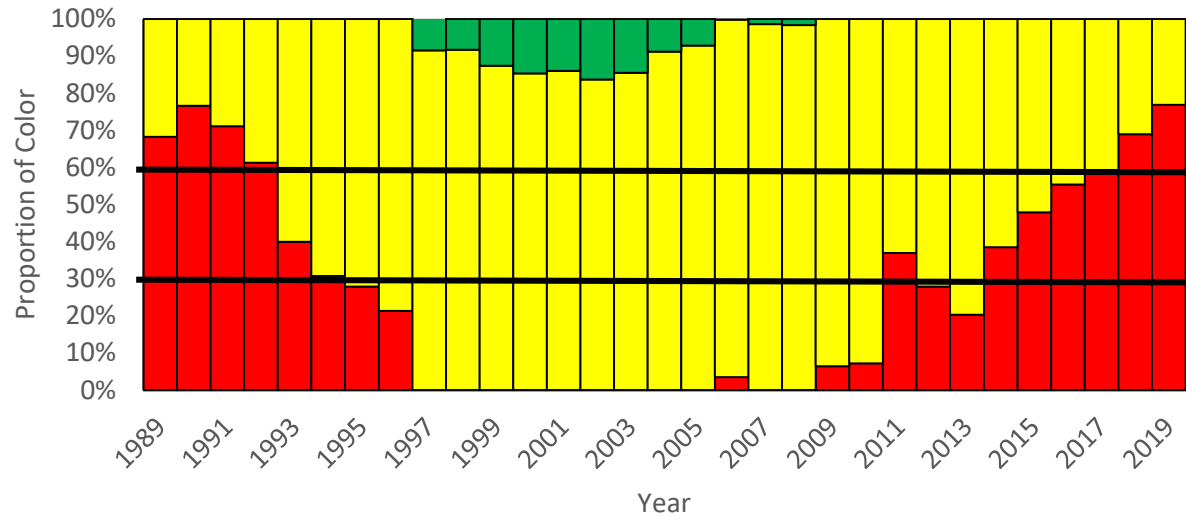


- Incorporated indices from ChesMMAAP and SCDNR Trammel Net Survey
- Use of revised adult abundance indices from the surveys in which age-length keys and length composition information is used to estimate adult individuals
- Use of regional metrics: Mid-Atlantic and South Atlantic, split at the VA and NC border
- Change/Establish the survey reference time period to 2002-2012
- Change the triggering mechanism: if both the adult abundance and harvest 30% or 60% thresholds are exceeded in three of the four terminal years

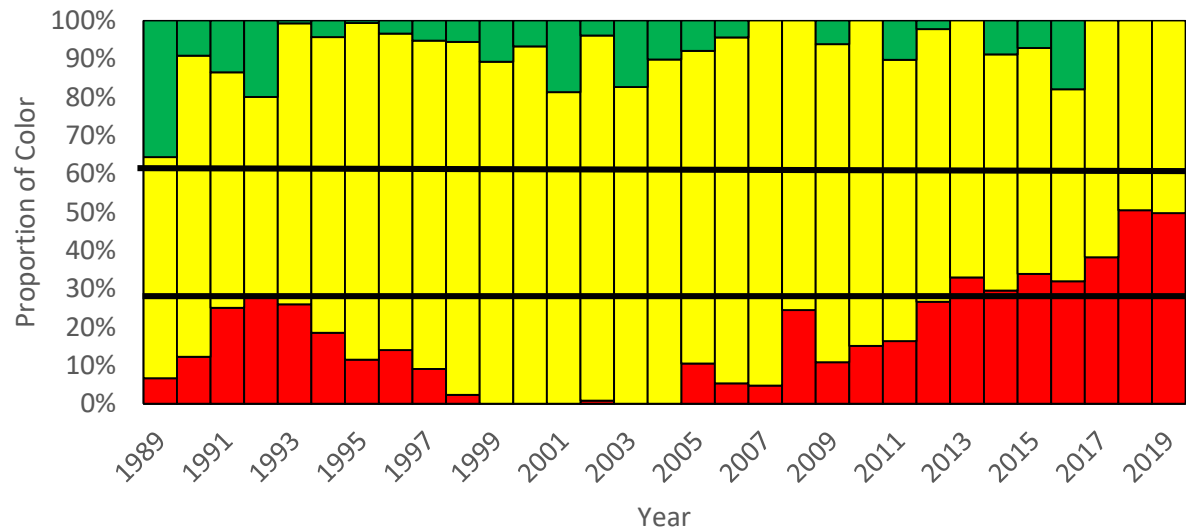
2020 TLA for Atlantic Croaker: Harvest Composite Indices



- Mid-Atlantic harvest composite exceeded the 30% threshold for the sixth year in a row



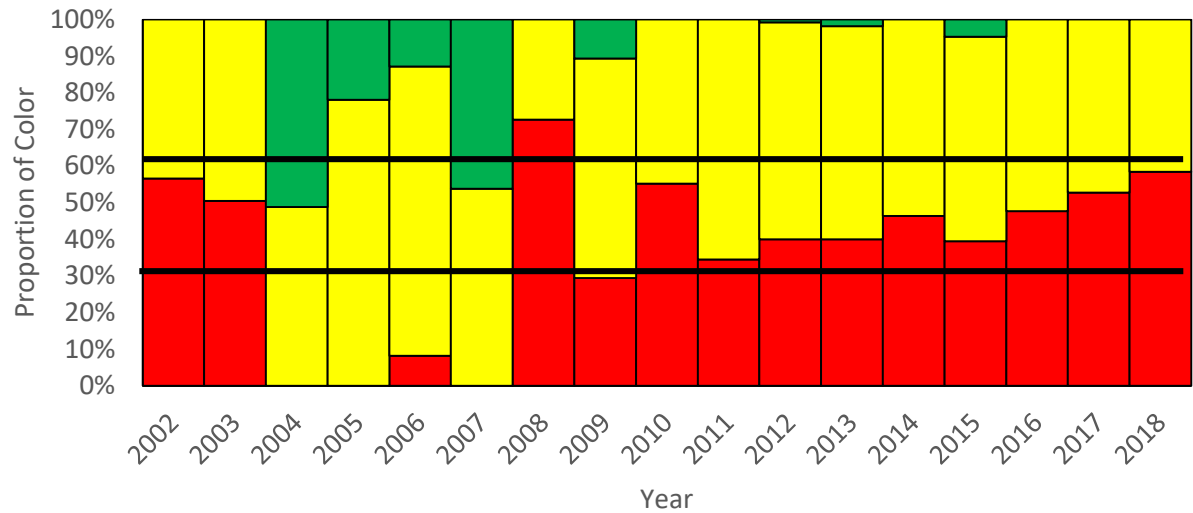
- South Atlantic harvest composite has met or exceeded the 30% threshold for the seventh year in a row



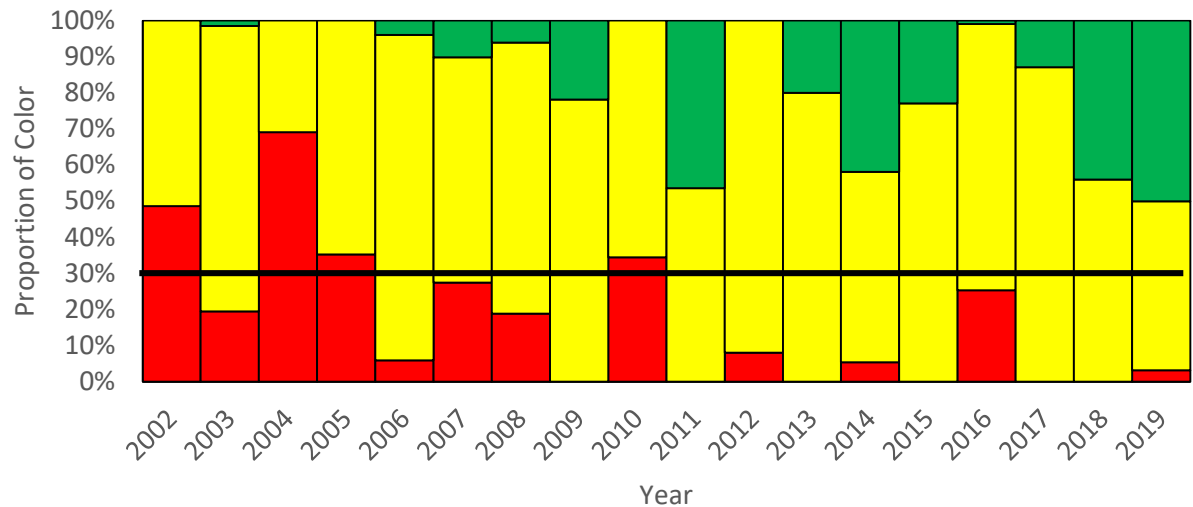
2020 TLA for Atlantic Croaker: Adult Abundance Composite Indices



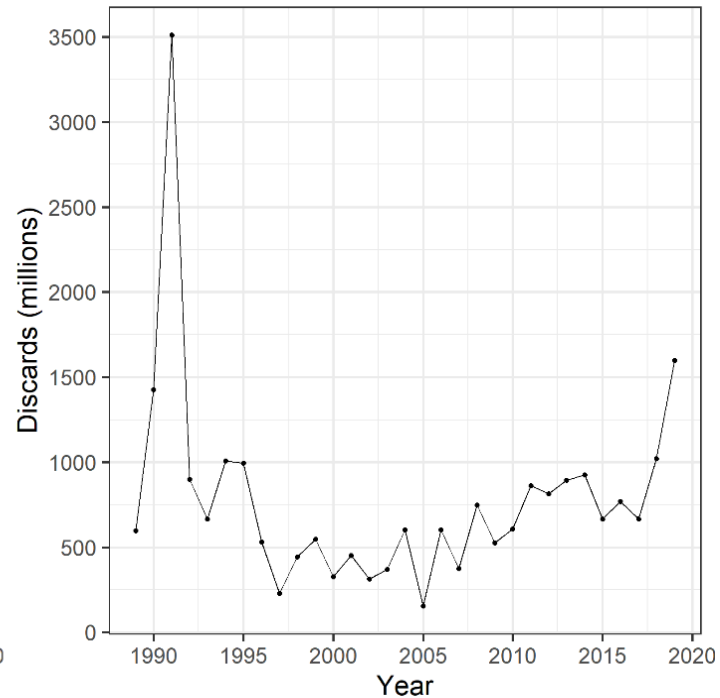
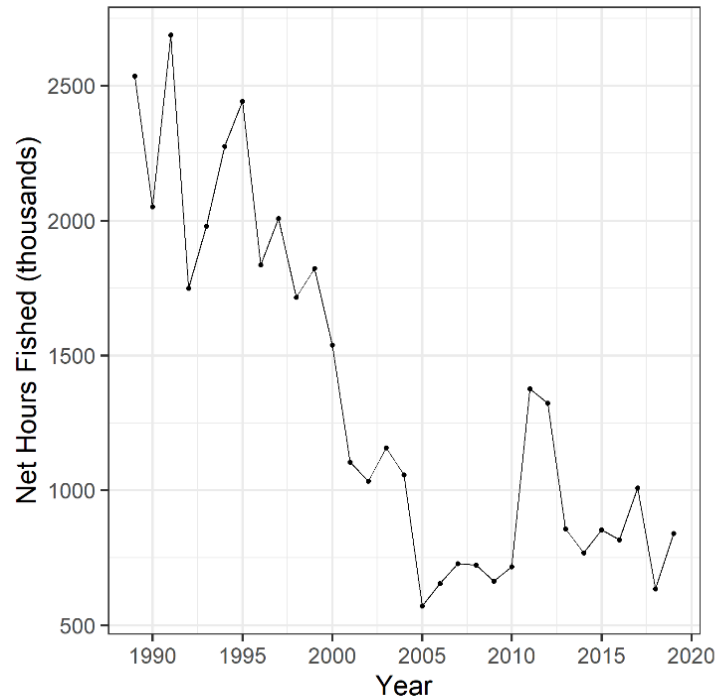
- Mid-Atlantic adult abundance composite has exceeded the 30% threshold since 2010



- South Atlantic adult abundance did not exceed the 30% red threshold in 2019



2020 TLA for Atlantic Croaker: Shrimp Trawl

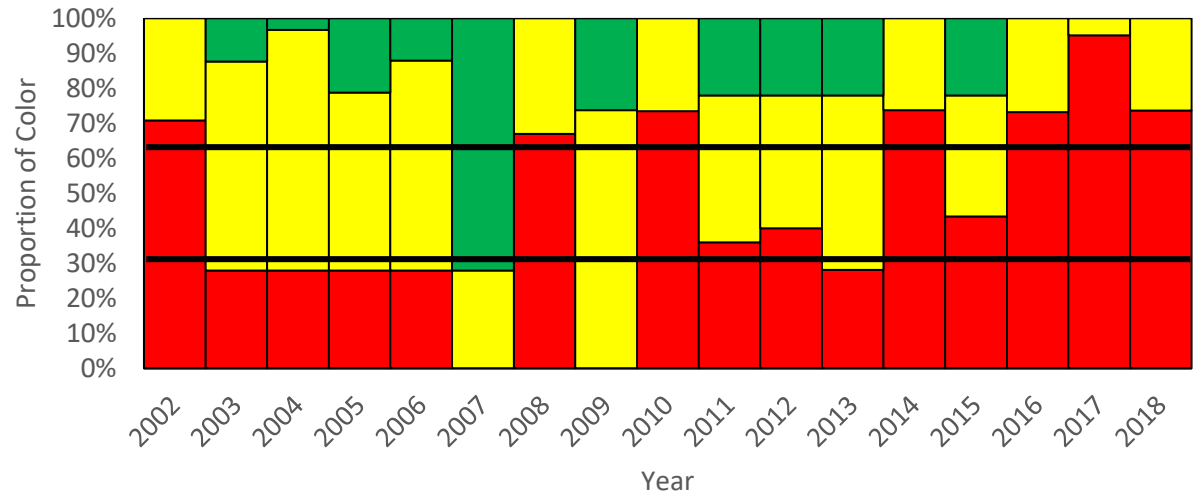


- South Atlantic Shrimp Trawl Fishery
 - Total net hours fished (left) and discards of croaker(right)
 - Discards second highest in 2019 in the time series

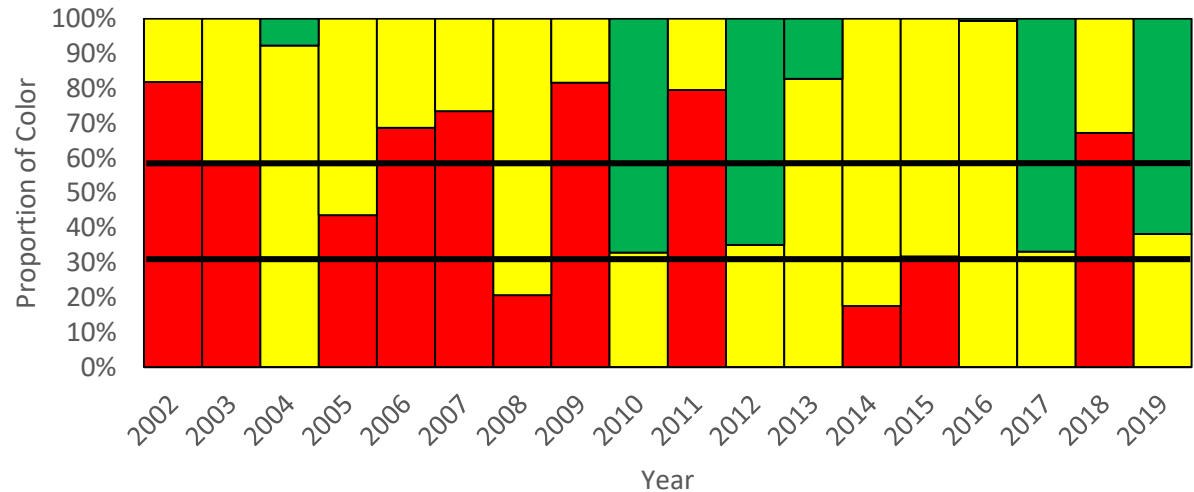
2020 TLA for Atlantic Croaker: Juvenile Composites



- Mid-Atlantic juvenile composite index is over 60% for the last 3 years.



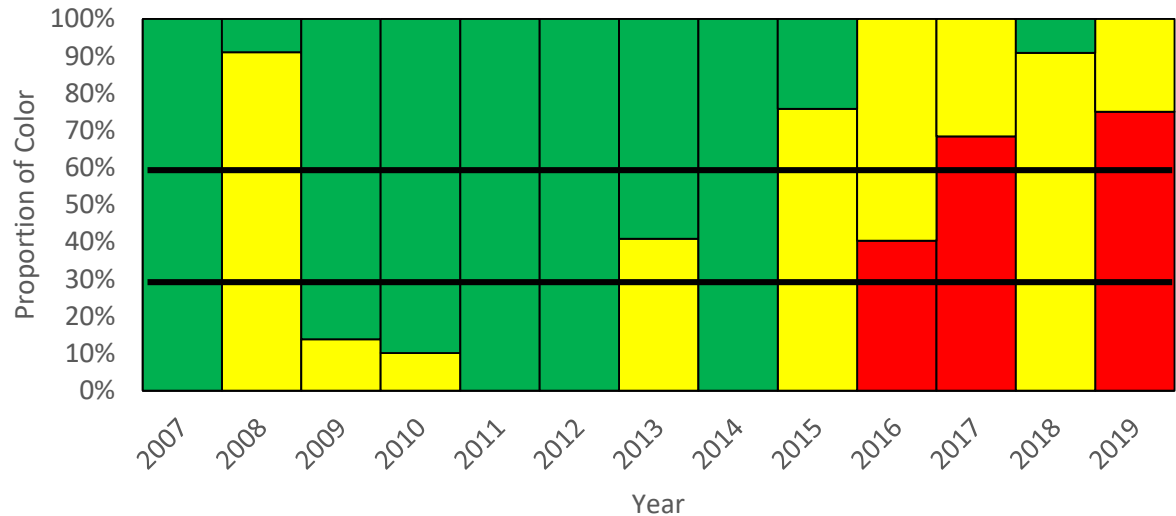
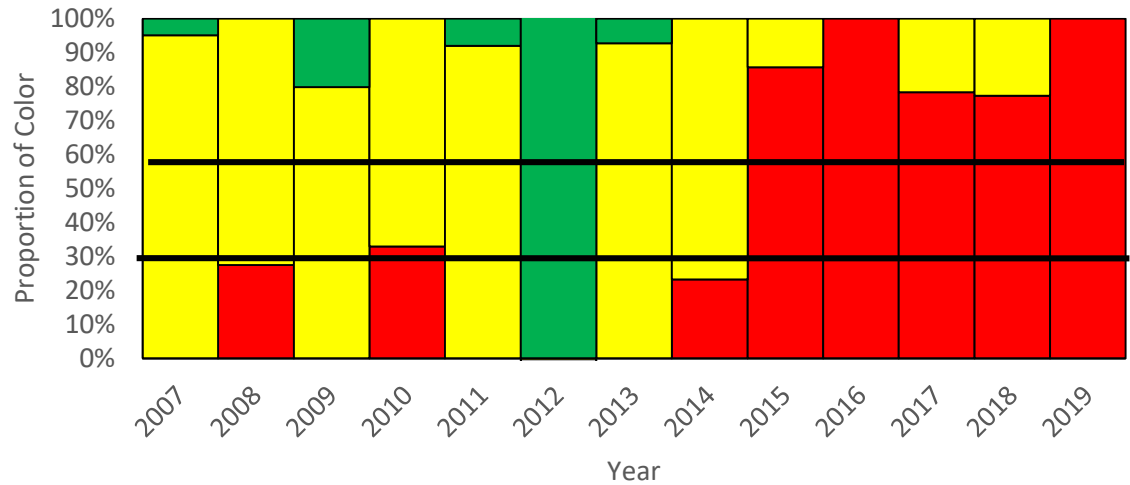
- South Atlantic juvenile composite index was below the 30% threshold in 2019



2020 TLA for Atlantic Croaker: NEAMAP



- Juvenile color proportions correspond to CHESMMAP declines, exceeding 60% in the last 5 years
- Adult color proportions had red proportions over 30% for 3 of the last four years

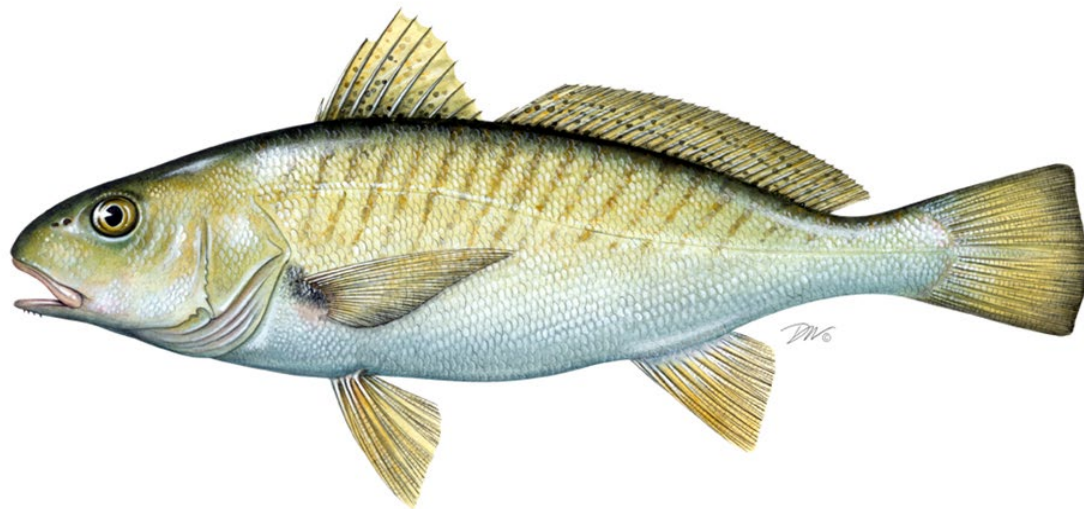


2020 TLA for Atlantic Croaker: Summary



- The harvest composite tripped at the 30% level in both the Mid-Atlantic and Southern regions
- The Adult abundance composite tripped at the 30% in the Mid-Atlantic but not the Southern Region.
- Since both harvest and abundance metrics tripped at the 30% level in the Mid-Atlantic, croaker management outlined in Addendum III has been triggered coastwide.
- The missing 2019 data will not affect the triggered designation (2016-2018>30%)

Questions?





MANAGEMENT RESPONSE

Management Response: Survey Comparison



<u>Index Choice</u>	Incude ChesMMAP	Include ChesMMAP and NEAMAP	Include ChesMMAP (NEFSC only in 2019)	Include ChesMMAP and NEAMAP
<u>Reference Period</u>	2002-2012	2007-2019	2002-2012	2007-2019
<u>Terminal Year</u>	2018	2018	2019	2019
Cr Harvest Mid-Atl	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level
Cr Adult Index Mid-Atl	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level
Cr Harvest S Atl	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level
Cr Adult Index SAtl	No trigger	No trigger	No trigger	No trigger
Sp Harvest Mid-Atl	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level
Sp Adult Index Mid-Atl	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level
Sp Harvest S Atl	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level	Trigger at 30% level
Sp Adult Index S Atl	No trigger	No trigger	No trigger	No trigger

Management Response: Addendum III



- Both spot and croaker exceeded the 30% threshold triggering a moderate management response

Management Triggers & Responses for Atlantic Croaker & Spot

Species	Recreational		Commercial	
	30% Threshold	60% Threshold	30% Threshold	60% Threshold
Atlantic Croaker	Bag Limit: up to 50 fish for non- <i>de minimis</i> states	Bag Limit: up to 40 fish for all states	Measures to achieve 1% harvest reduction from previous 10-year average for non- <i>de minimis</i> states with no regulations	Measures to achieve 5% harvest reduction from previous 10-year average for all states
Spot	Bag Limit: up to 50 fish for non- <i>de minimis</i> states	Bag Limit: up to 40 fish for all states	Measures to achieve 1% harvest reduction from previous 10-year average for non- <i>de minimis</i> states with no regulations	Measures to achieve 10% harvest reduction from previous 10-year average for all states

Management Response: Addendum III



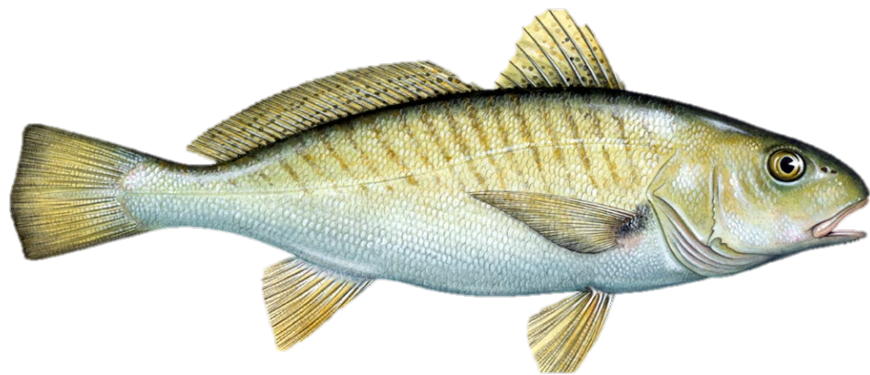
- Measures must be in place for at least three years for Atlantic croaker and two years for spot
- States with commercial regulations already in place are encouraged to keep them in place
- Commercial measures must be evaluated by the TC to determine if they are both quantifiable and meet the requirement of the addendum

Next Steps

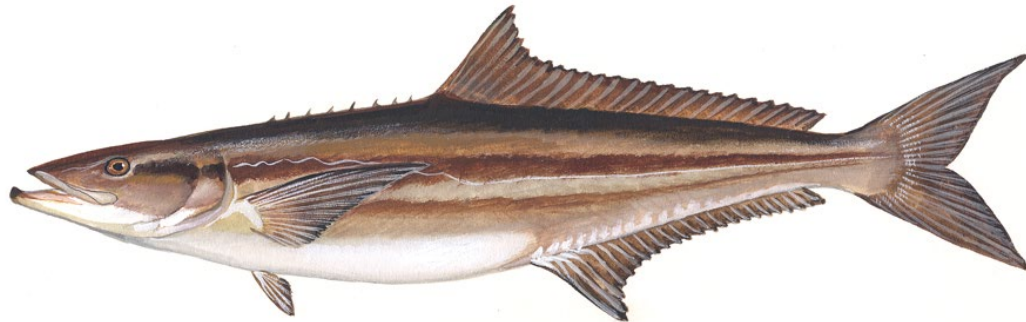
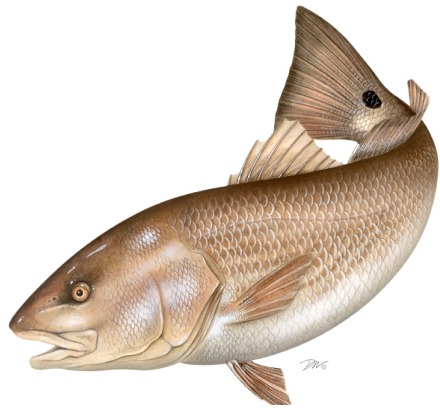


- Board needs to discuss when implementation plans will be due, and what the timeline will be for states to implement measures
- February Meeting:
 - Consider approval of the implementation plans

Questions?

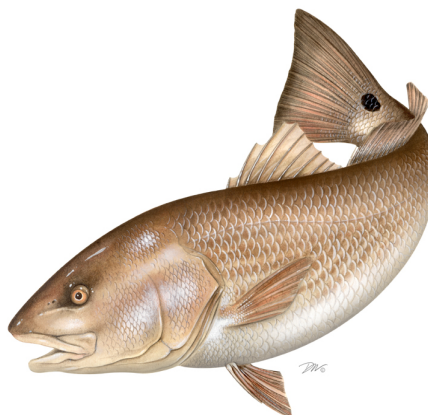


Red Drum, Atlantic Croaker, and Atlantic Cobia Fishery Management Plan Review



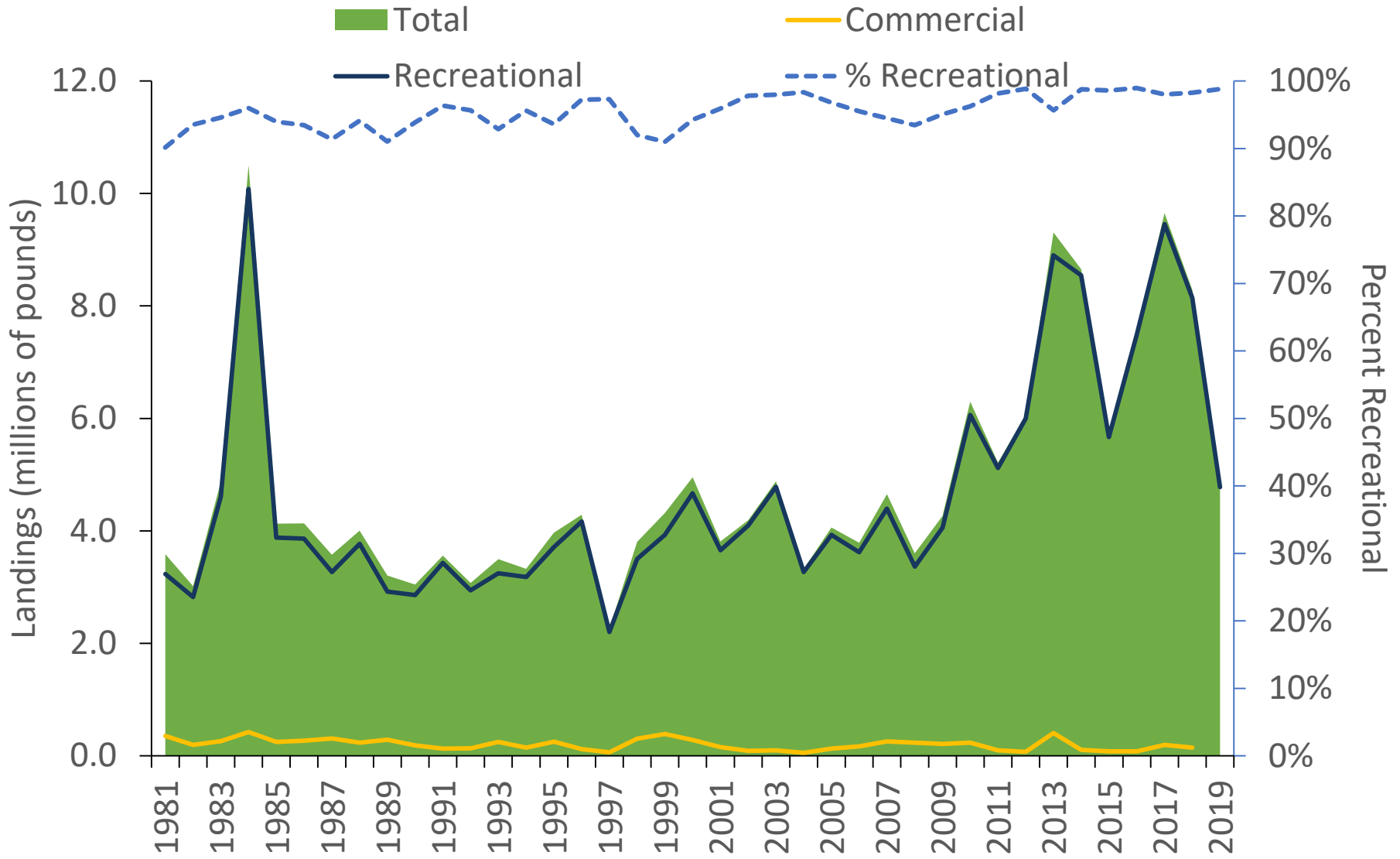


Red Drum Fishery Management Plan Review

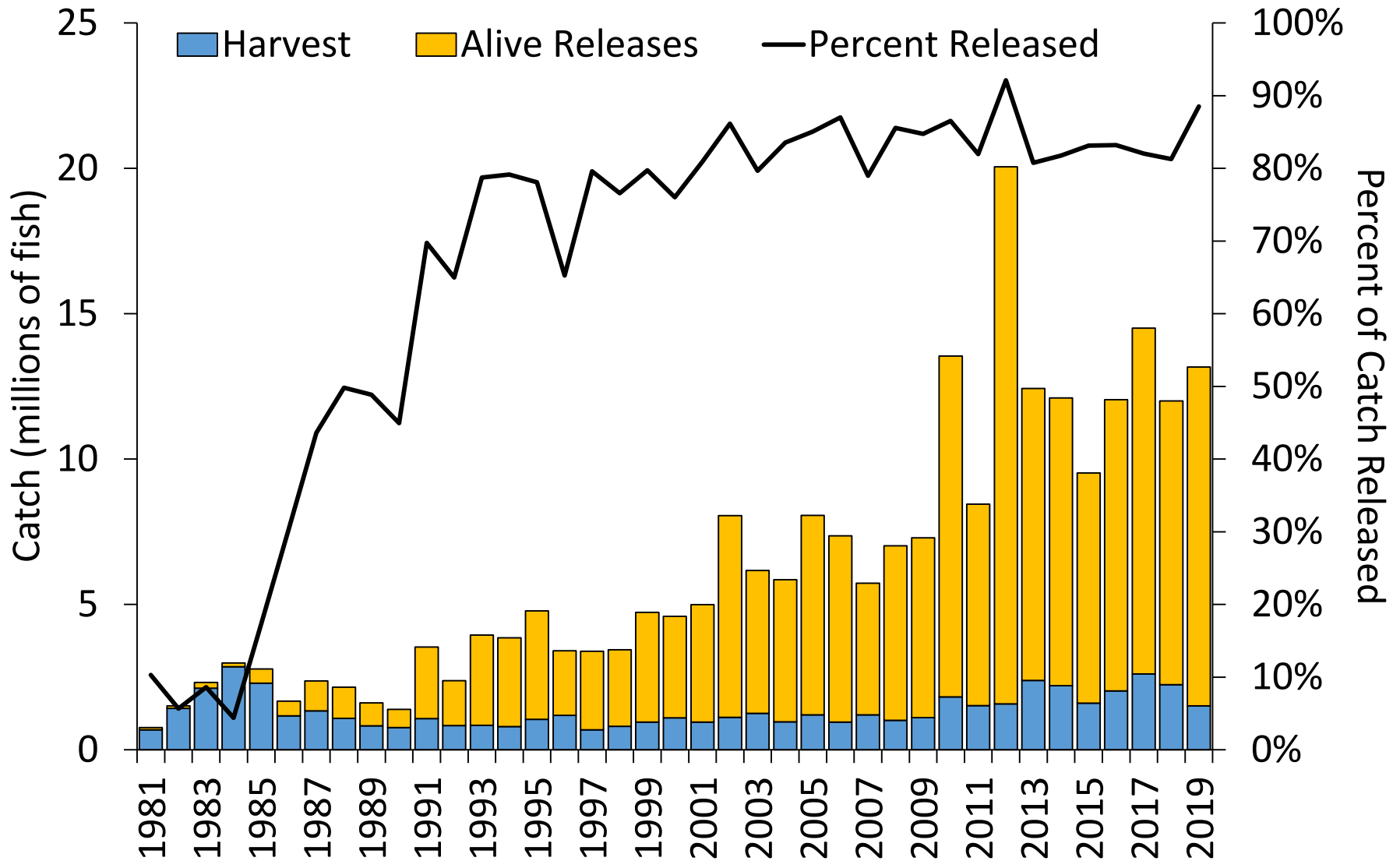


Red Drum Plan Review Team
September, 2020

Status of the Fishery - Total Landings



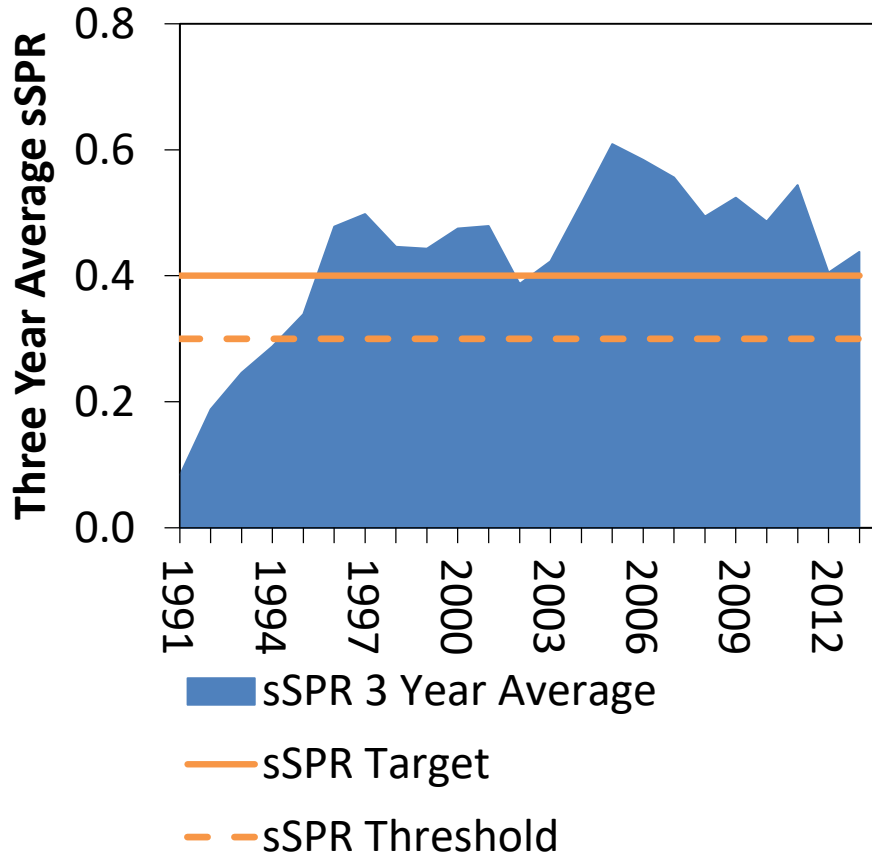
Status of the Fishery - Recreational



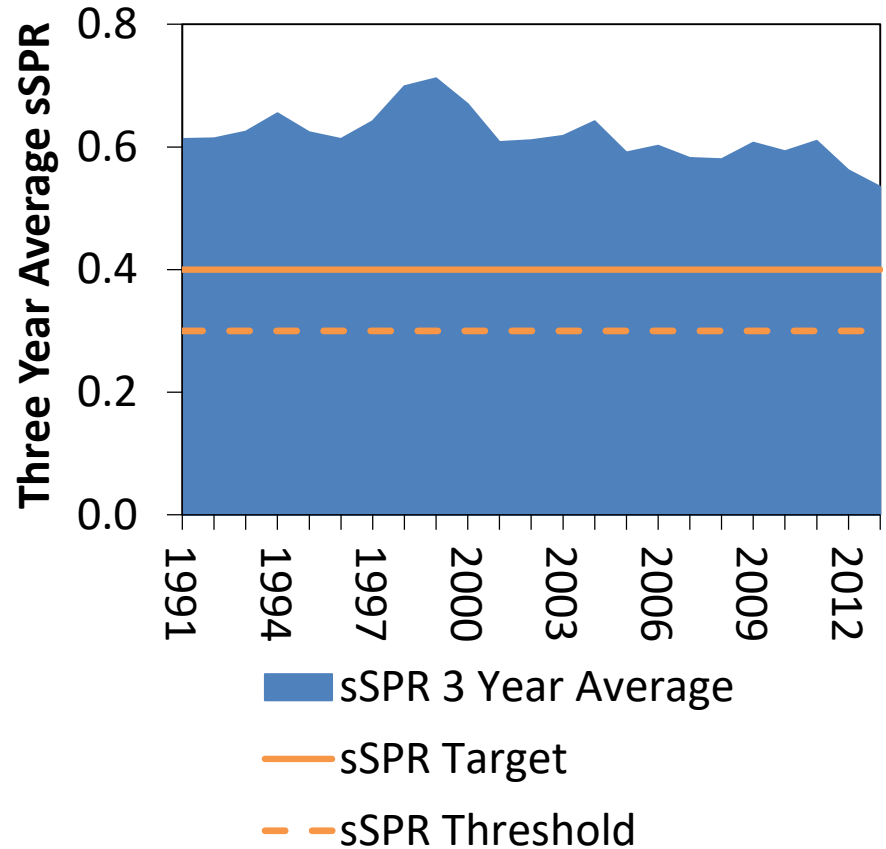
Status of the Stock



Red Drum Northern Stock



Red Drum Southern Stock



2017 – SC completed a state-specific assessment that indicated that the SC population of red drum was experiencing overfishing

PRT Recommendations

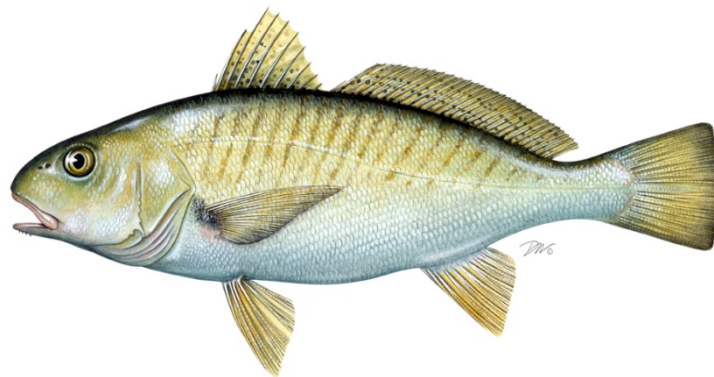


- All states have implemented requirements of Amendment 2
- Approve state compliance reports and *de minimis* status for New Jersey and Delaware
- Additional research/monitoring recommendations found in FMP Review document

	NJ	DE
% of Total	<1%	0%
Qualify?	Yes	Yes
Prior <i>de minimis</i>	Yes	Yes

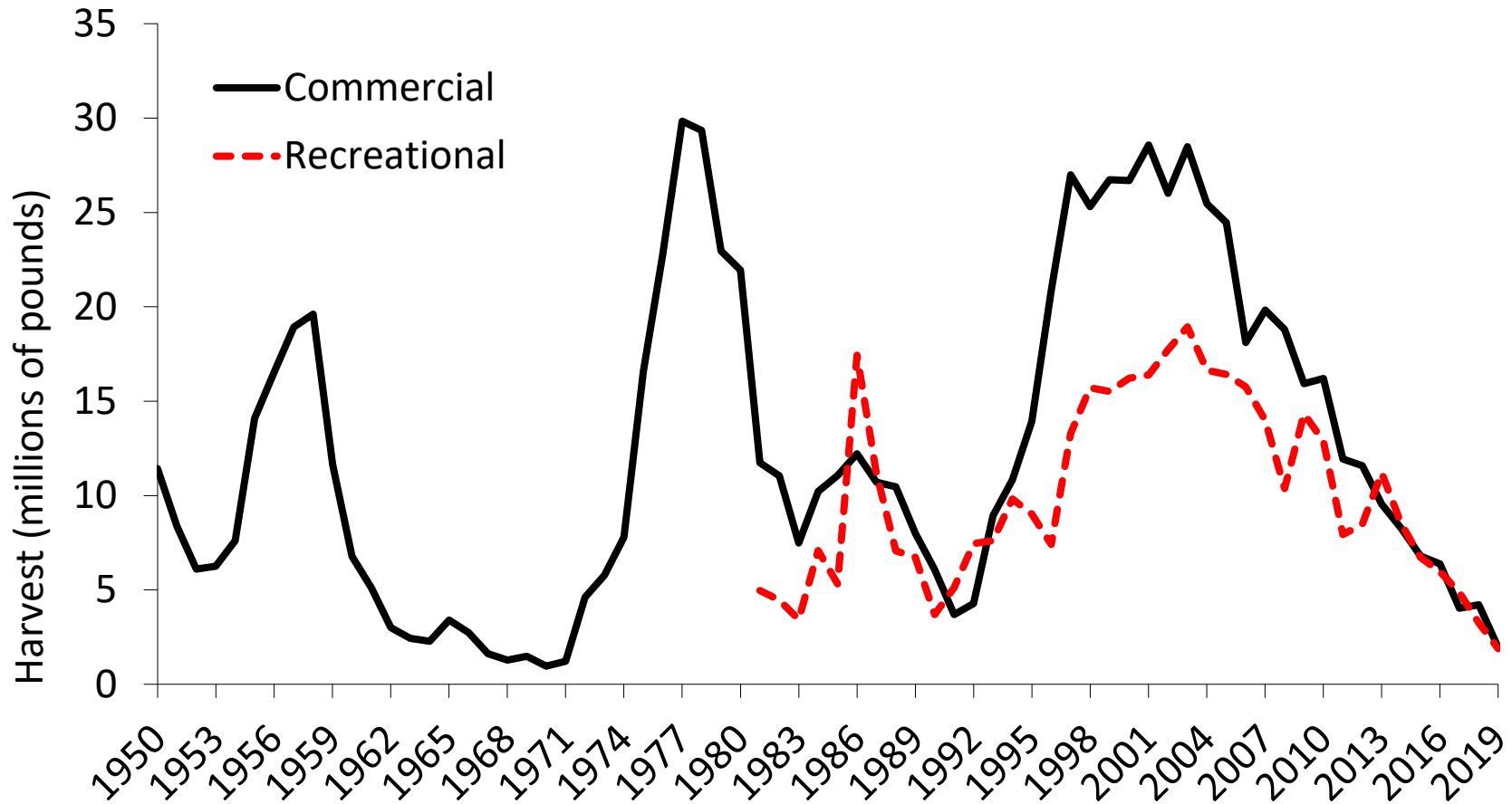


Atlantic Croaker Fishery Management Plan Review

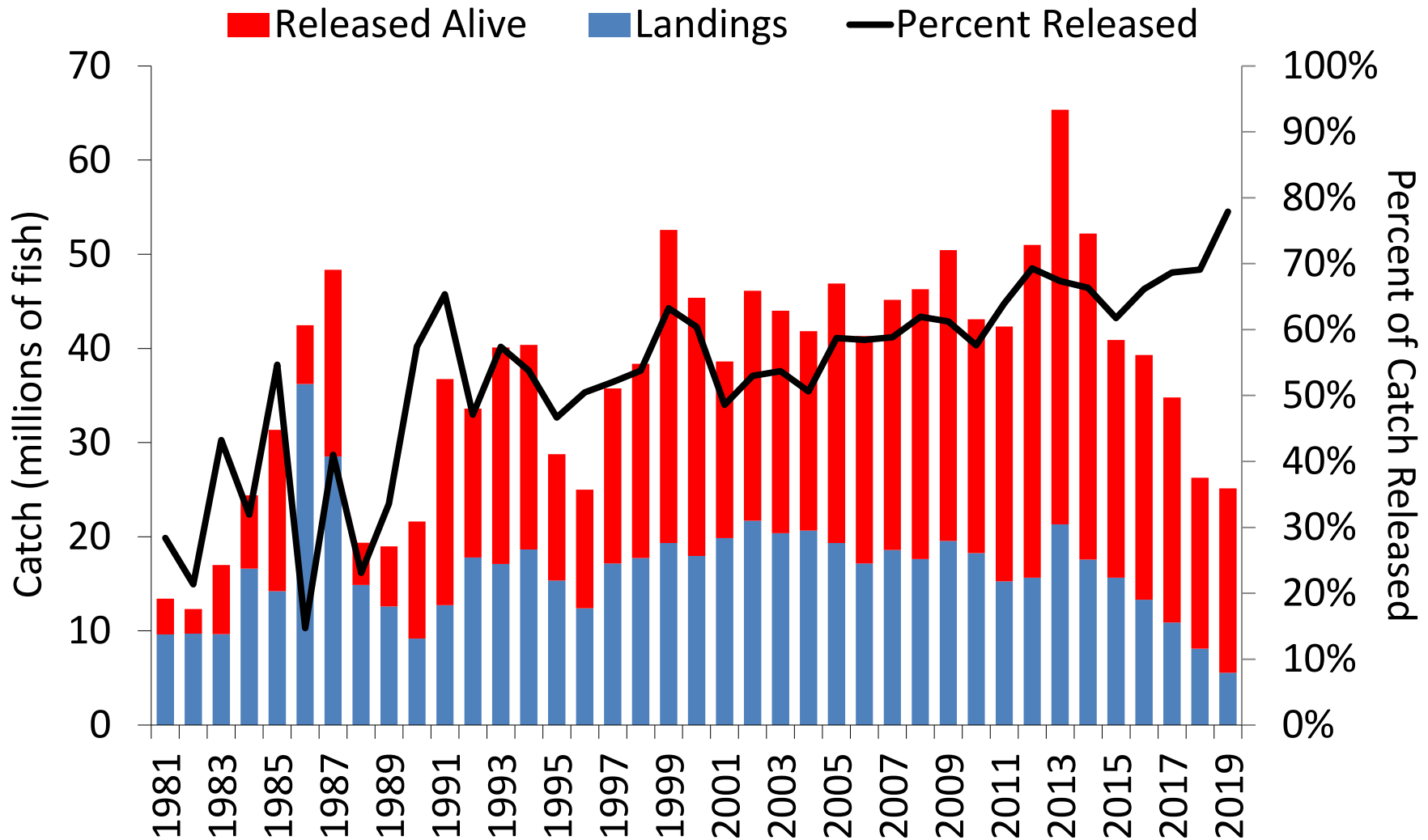


Atlantic Croaker Plan Review Team
October, 2020

Atlantic Croaker Landings 1950-2019



Atlantic Croaker Landings 1950-2019



PRT Recommendations

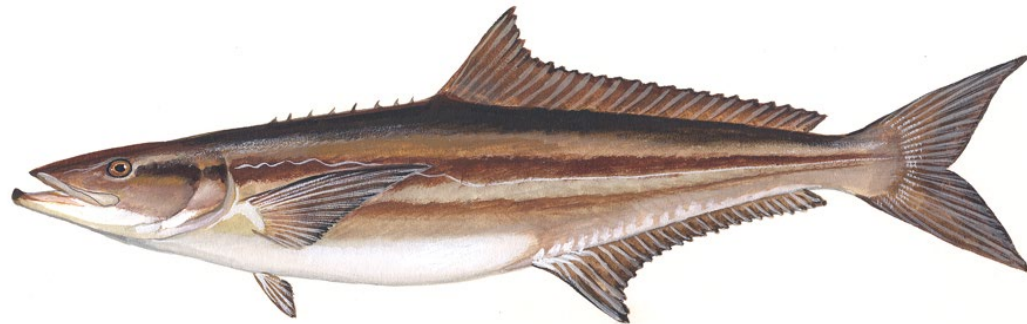


- All states have implemented requirements of Amendment 1
- Approve state compliance reports and *de minimis* status for New Jersey (recreational and commercial), Delaware, South Carolina, Georgia, and Florida commercial fisheries.
- Additional research/monitoring recommendations found in FMP Review document

	NJ	DE	SC	GA	FL
% of Total	R: <1%, C: <1%	C: <1%	C: <1%	C: <1%	C: 1.6%
Qualify?	R-Yes, C-Yes	C-Yes	C-Yes	C-Yes	C-No
Prior <i>de minimis</i>	R-No, C-No	C-Yes	C-Yes	C-Yes	C-Yes



Atlantic Cobia Fishery Management Plan Review

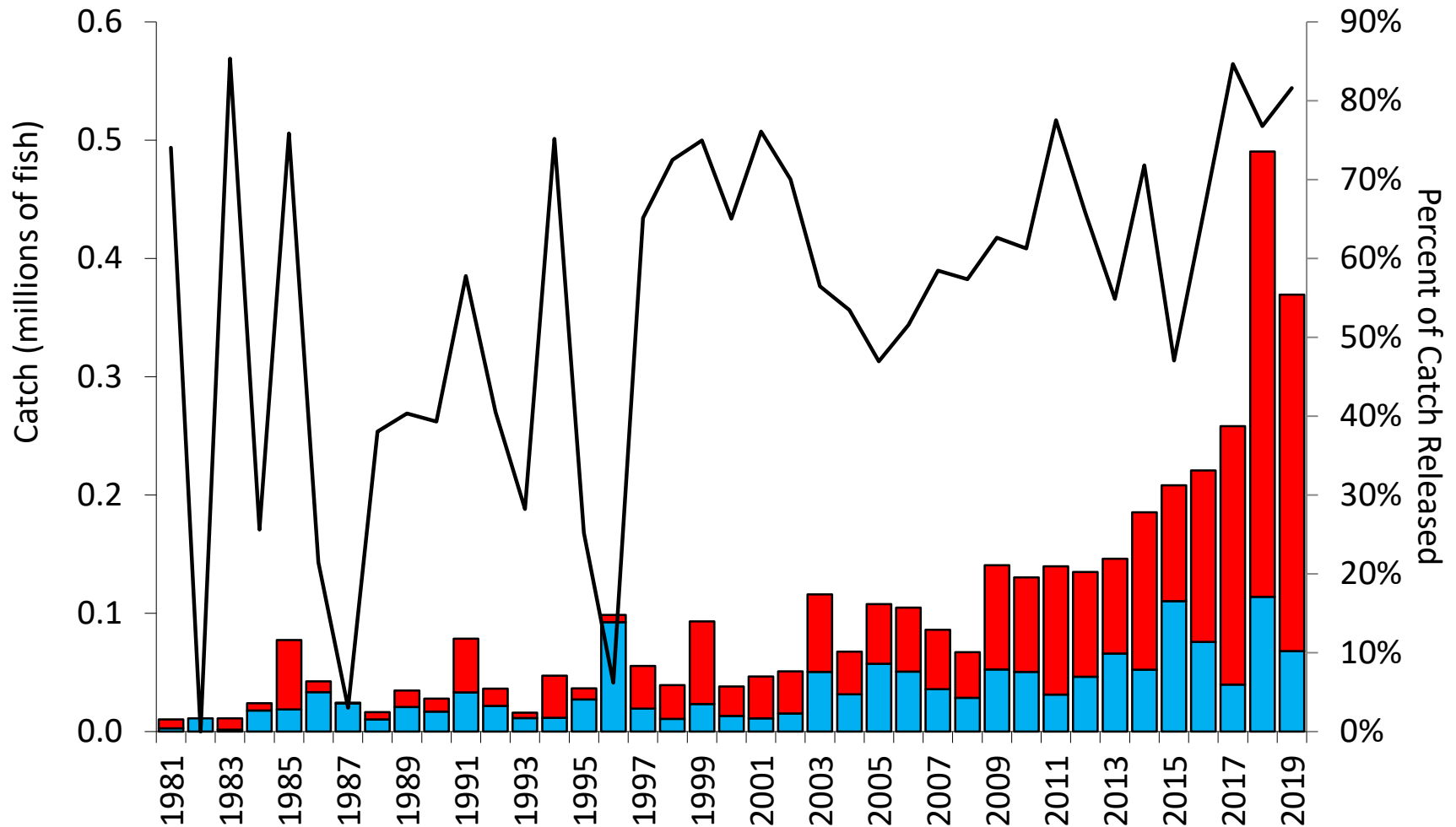


Atlantic Cobia Plan Review Team
October, 2020

Atlantic Cobia Landings 1950-2019



Harvest Releases — Percent Released



PRT Recommendations



- All states have implemented requirements of Amendment 1
- Approve state compliance reports and *de minimis* status for the recreational and commercial fisheries in New Jersey, Delaware, Maryland, and Georgia (commercial only).
- Additional research/monitoring recommendations found in FMP Review document

	NJ	DE	MD	GA
% of Total	R: <1%, C: <1%	R: <1%, C: <1%	R: <1%, C: <1%	C: <1%
Qualify?	R-Yes, C-Yes	R-Yes, C-Yes	R-Yes, C-Yes	C-Yes
Prior <i>de minimis</i>	R-Yes, C-Yes	R-Yes, C-Yes	R-Yes, C-Yes	C-Yes

PRFC *de minimis* request



- PRFC is requesting *de minimis* status for both of its cobia fisheries
- Do not have an MRIP estimate for their recreational fishery
- Commercial fishery qualifies because 2 of the last 3 years are under 2% of Coastwide fishery
 - Landings have varied in the last four years

Board Actions and Next Steps



- Red Drum: approve the FMP review, state compliance reports, and de minimis requests from New Jersey and Delaware
- Atlantic Croaker: approve the FMP reviews state compliance reports, and de minimis requests from New Jersey, Delaware, South Carolina, Georgia, and Florida
- Atlantic Cobia: approve the FMP review, state compliance reports, and de minimis requests from New Jersey, Delaware, Maryland, Georgia, and PRFC



Comments or Questions?