



*American Shad Sustainable Fishery Plan
2016 Review and 2017 Management Measures*

DEPARTMENT OF ENVIRONMENTAL QUALITY

Marine Fisheries

Marine Fisheries Commission | Holly White | November 17, 2016



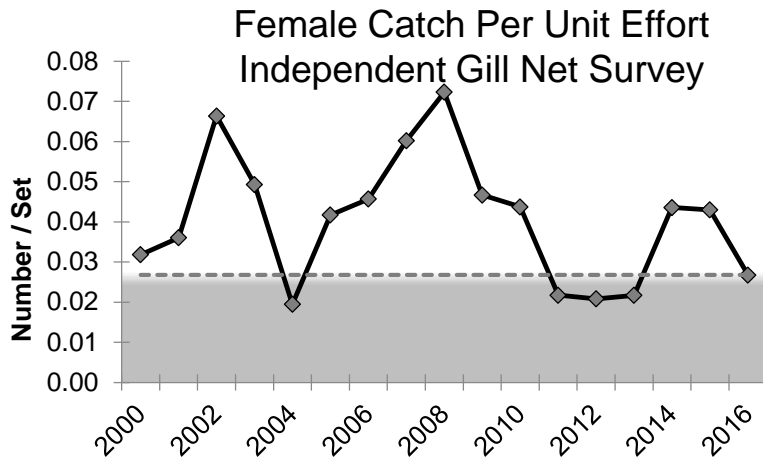
Outline

- Background on the American Shad Sustainable Fishery Plan
- Review sustainability parameters and status by system
- Present the 2017 American shad management measures

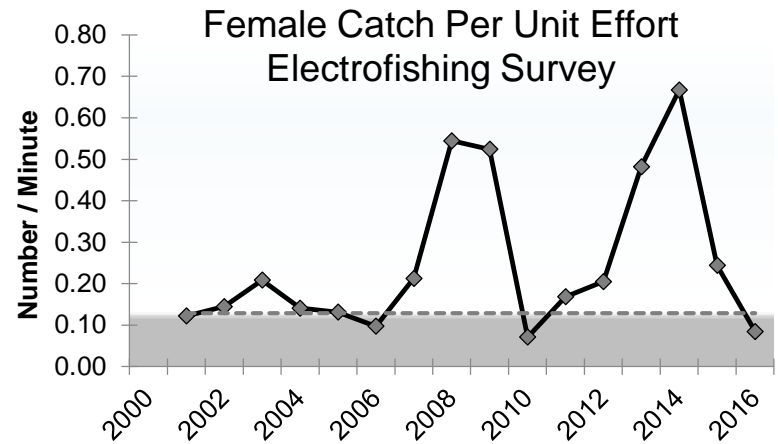
Sustainable Fisheries Plan

- Requirement of Atlantic States Marine Fisheries Commission to Amendment 3 since Jan. 1, 2013
- Required by all states that have American shad fisheries (except catch and release fisheries)
- Approved by the North Carolina Marine Fisheries Commission in November 2012

Albemarle Sound/Roanoke System

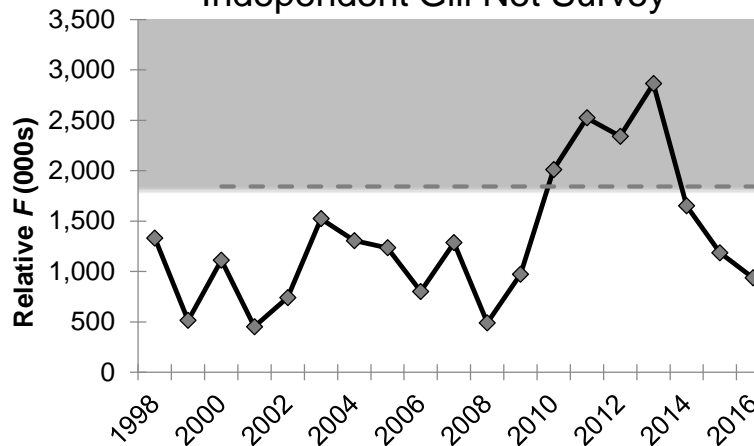


2016 Threshold = 0.027
2016 Index Value = **0.027**

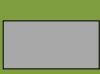



2016 Threshold = 0.129
2016 Index Value = **0.085**

Female Relative Fishing Mortality
Independent Gill Net Survey

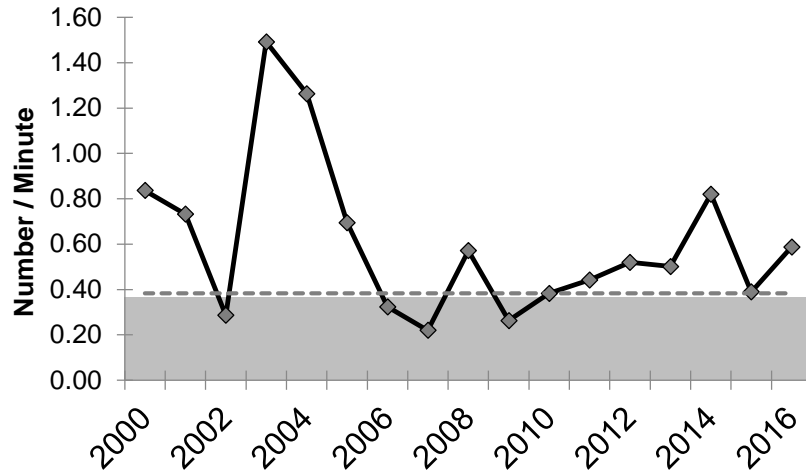


2016 Threshold = 1,844,622
2016 Index Value = **898,096**

	Exceeding the threshold
	Not exceeding the threshold

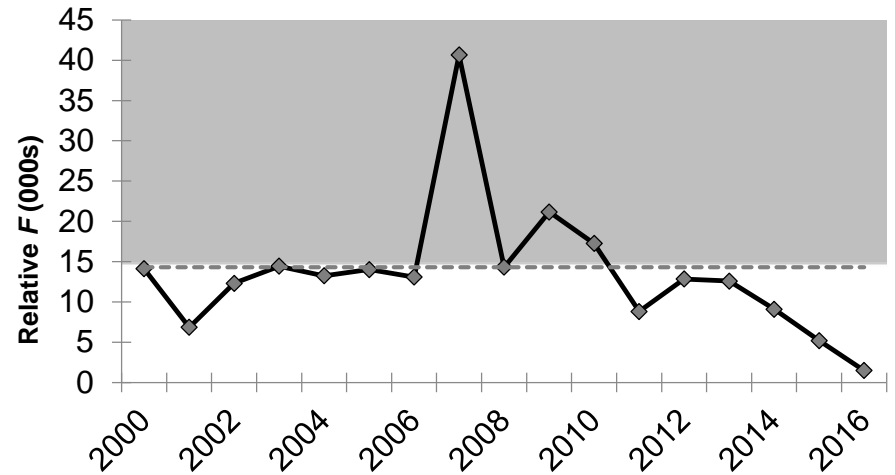
Tar/Pamlico River

Female Catch Per Unit Effort
Electrofishing Survey

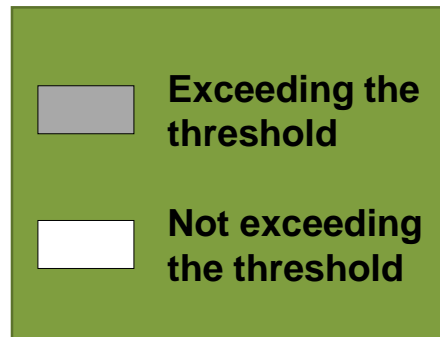


2016 Threshold = 0.383
2016 Index Value = **0.588**

Female Relative Fishing Mortality
Electrofishing Survey

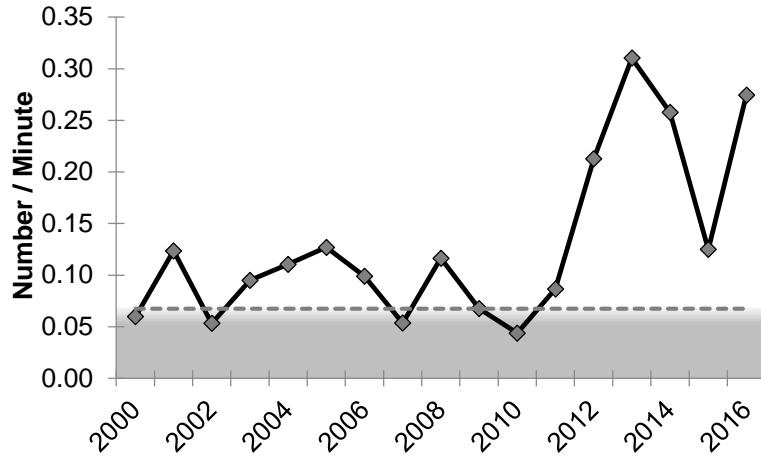


2016 Threshold = 13,989
2016 Index Value = **1,479**



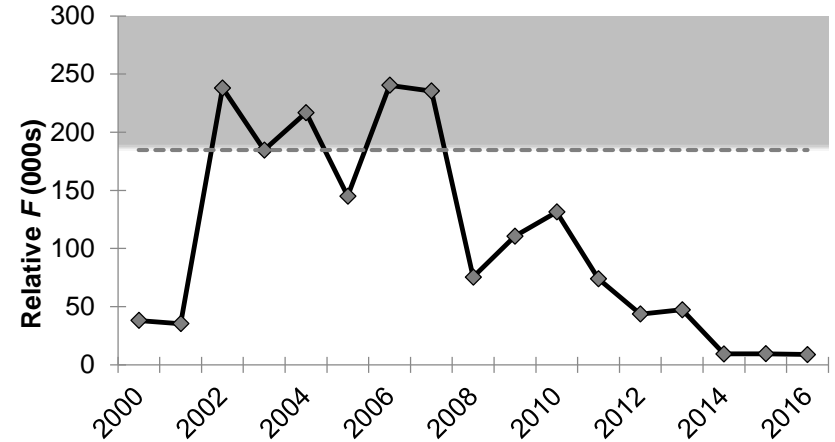
Neuse River

Female Catch Per Unit Effort
Electrofishing Survey

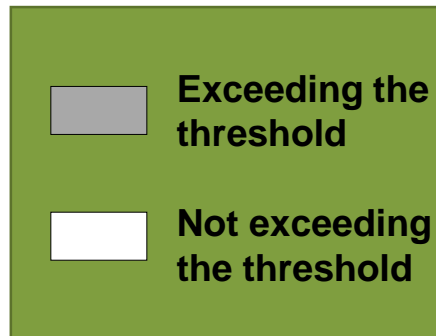


2016 Threshold = 0.0676
2016 Index Value = **0.2745**

Female Relative Fishing Mortality
Electrofishing Survey

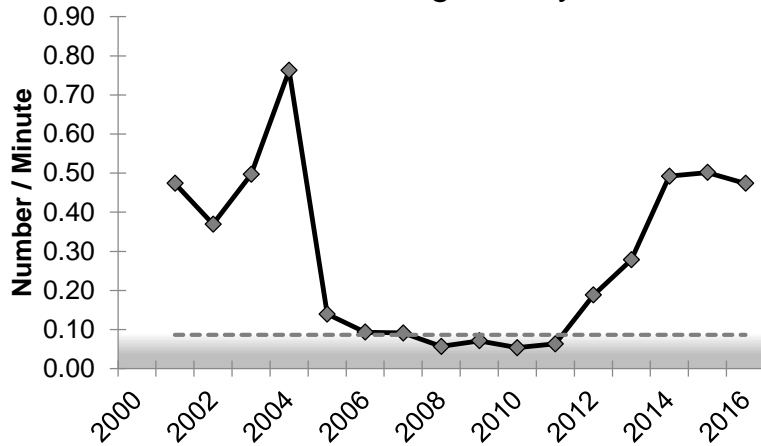


2016 Threshold = 63,240
2016 Index Value = **8,784**



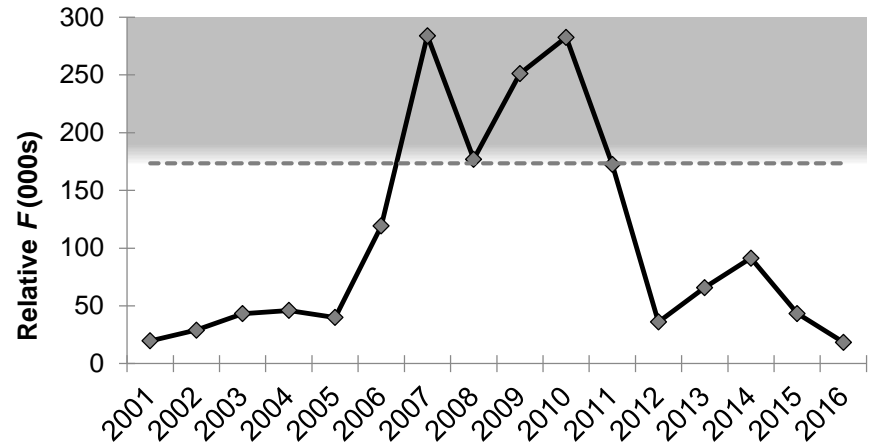
Cape Fear River

Female Catch Per Unit Effort
Electrofishing Survey

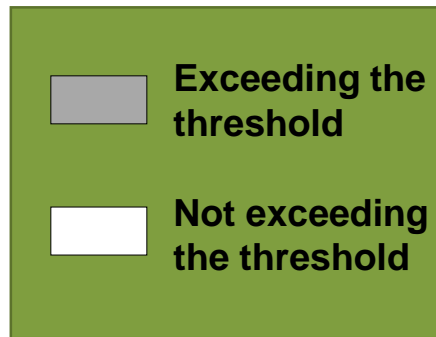


2016 Threshold = 0.0862
2016 Index Value = **0.474**

Female Relative Fishing Mortality
Electrofishing Survey



2016 Threshold = 173,491
2016 Index Value = **18,469**



2017 American Shad Management Measures

The American Shad Work Group elected status quo for 2017 American shad management measures in all systems and a full review of the plan, as scheduled, in 2017.

Albemarle Sound/Roanoke System

- Recreational: 10 fish shad aggregate, one American shad limit
- Commercial: March 3 – March 24

Neuse River

- Recreational: 10 fish shad aggregate, one American shad limit
- Commercial: Feb. 15 – April 14

Tar/Pamlico River

- Recreational: 10 fish shad aggregate
- Commercial: Feb. 15 – April 14

Cape Fear River

- Recreational: 10 fish shad aggregate, five American shad limit
- Commercial: Feb. 20 – April 11

All Other Areas

- Recreational: 10 fish shad aggregate
- Commercial: Feb. 15 – April 14

Questions?



American shad eggs. © 2010 Jay Fleming/iLCP