

**NOAA**  
**FISHERIES**

# National Standard 1 Guidelines

## Summary of 2016 Revisions

**\*UPDATED PRESENTATION\***

**(as of 10/19/2016)**

# Outline

1. Background
2. Basis for Revising NS1 Guidelines
3. Objectives
4. Features
5. Summary



**473** Stocks and stock complexes managed under  
**46** Fishery Management Plans

**2** Stocks rebuilt

Commercial fishing  
Recreational fishing &  
Seafood

in 2014

generated  
**214**  
billion dollars



**91%**

Federally managed stocks NOT on overfishing list

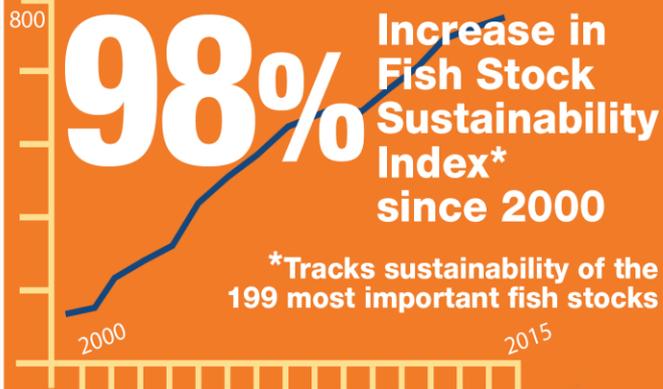
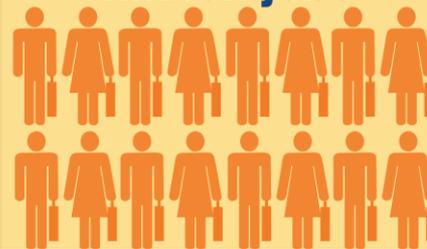


**84%**

Federally managed stocks NOT on overfished list

and supported

**1.83**  
million jobs



**39** Stocks rebuilt since 2000

# National Standard 1 (NS1)

- National Standard 1 is a critical component to the MSA's success
- Requires that U.S. fisheries management:
  - A. Prevent overfishing**
  - B. Achieve optimum yield**
- NS1 guidelines provide guidance on *how* to achieve requirements (A) and (B)

# Basis for Action

- 2007 MSA Reauthorization
  - Introduced annual catch limits (ACLs) and accountability measures (AMs) requirements
- ACLs and AMs transformed federal fisheries



# 2016 Revisions to the NS1 Guidelines

## Objectives:

1. **Improve & streamline** guidelines
2. Address experience gained during implementation of ACLs & AMs
3. Provide flexibility to address management issues within current statutory limits

Do **not** require Councils to revise their current FMPs

# Features of NS1 Final Rule

1. Increasing stability to fisheries
2. Increasing flexibility in rebuilding plans
3. Determining adequate progress in rebuilding
4. Determining which stocks require federal management
5. Clarifying OY & advancing ecosystem-based fisheries management (EBFM)

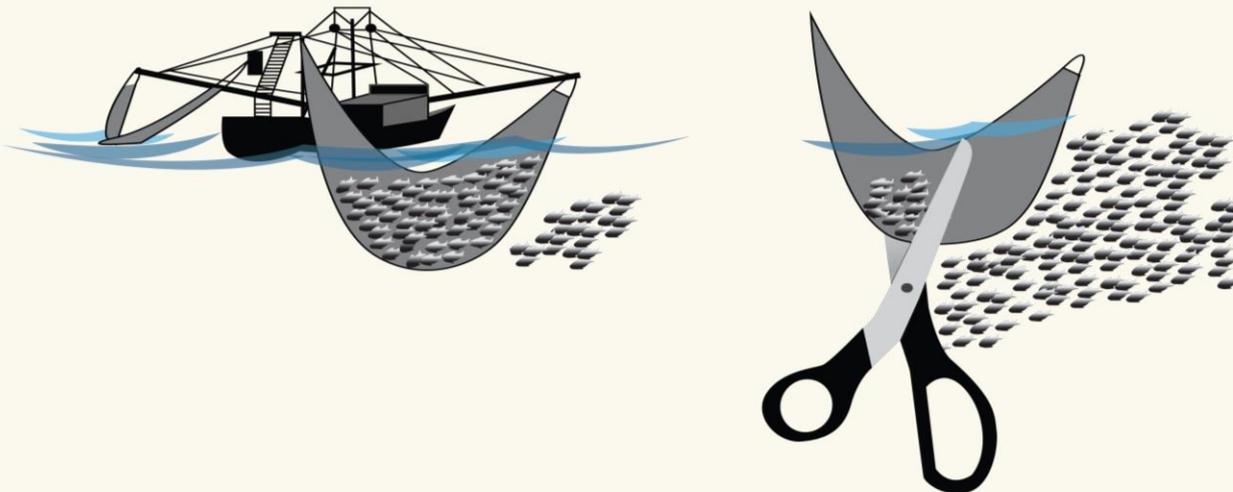
# Increasing stability to fisheries

- A. Phasing-in changes to catch levels
- B. Carrying over unused quota into the next year
- C. Multi-year overfishing status determinations

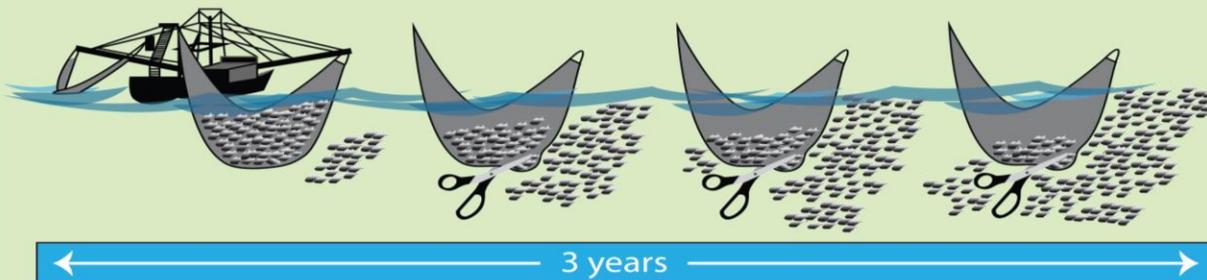


# Phasing-in changes to catch levels

BEFORE NS1 revision: Catch limit immediately reduced to lowest level



AFTER NS1 revision: Catch limit gradually reduced to lowest level\*

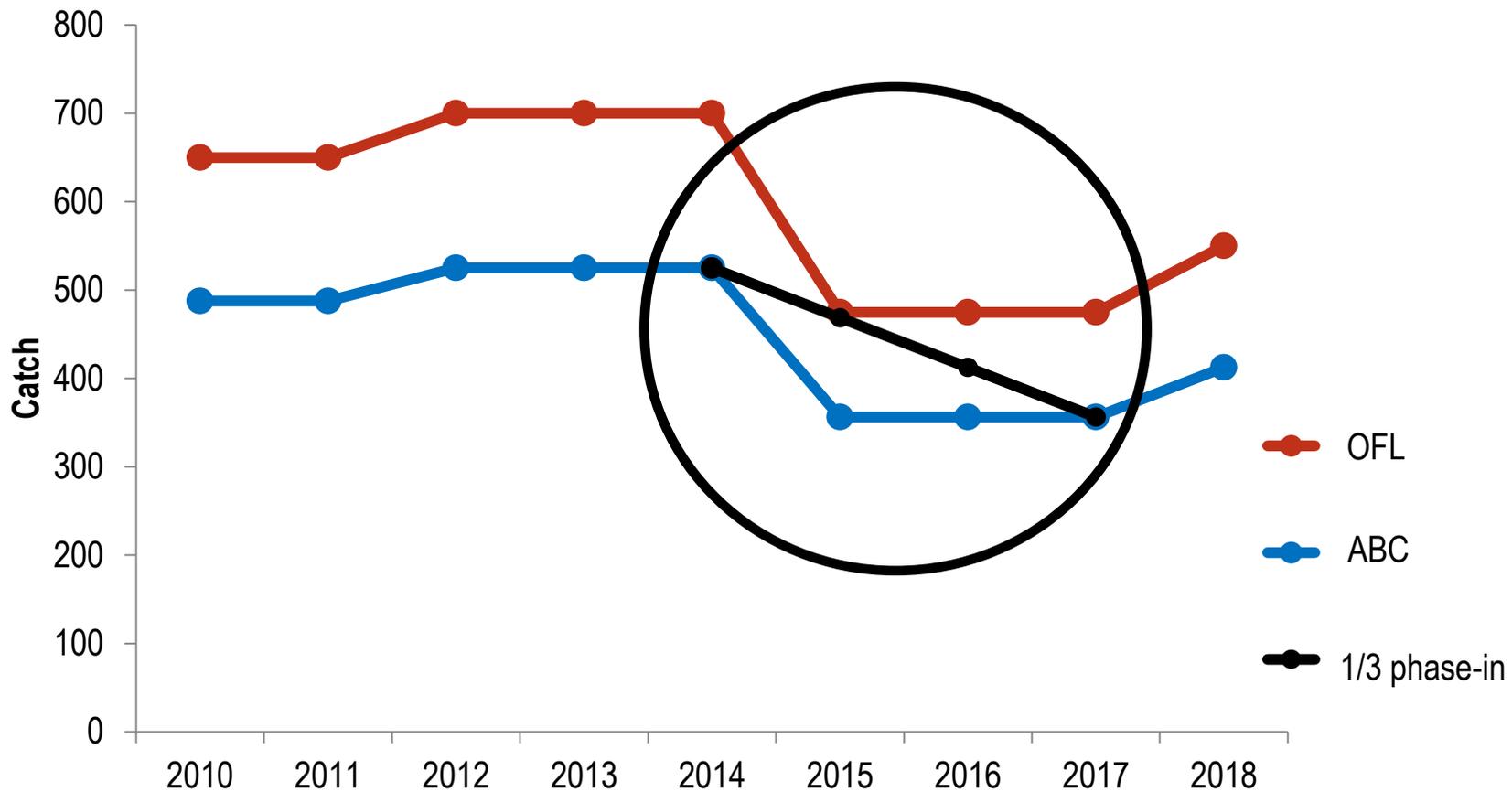


\*As long as overfishing is prevented



# Phasing-in changes to catch levels

Must prevent overfishing each year



# Increasing stability to fisheries

A. Phasing-in changes to catch levels

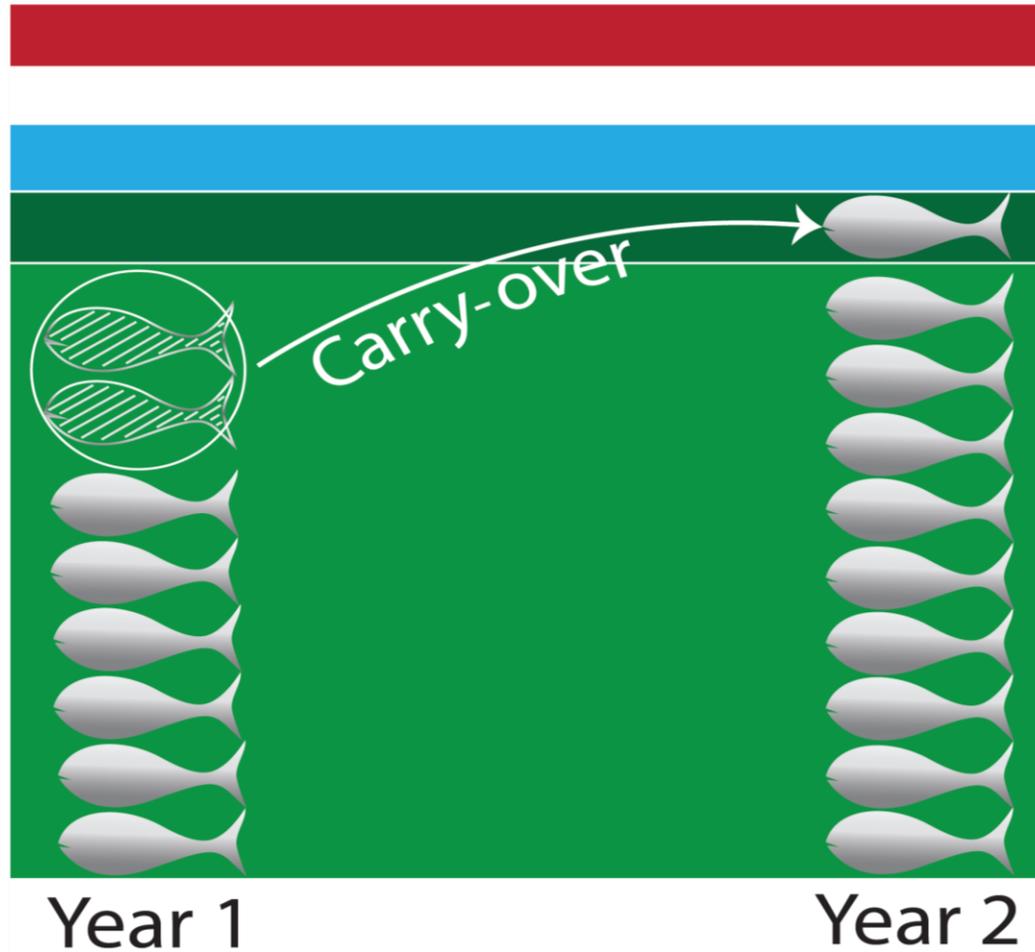
B. Carrying over unused quota into the next year

C. Multi-year overfishing status determinations

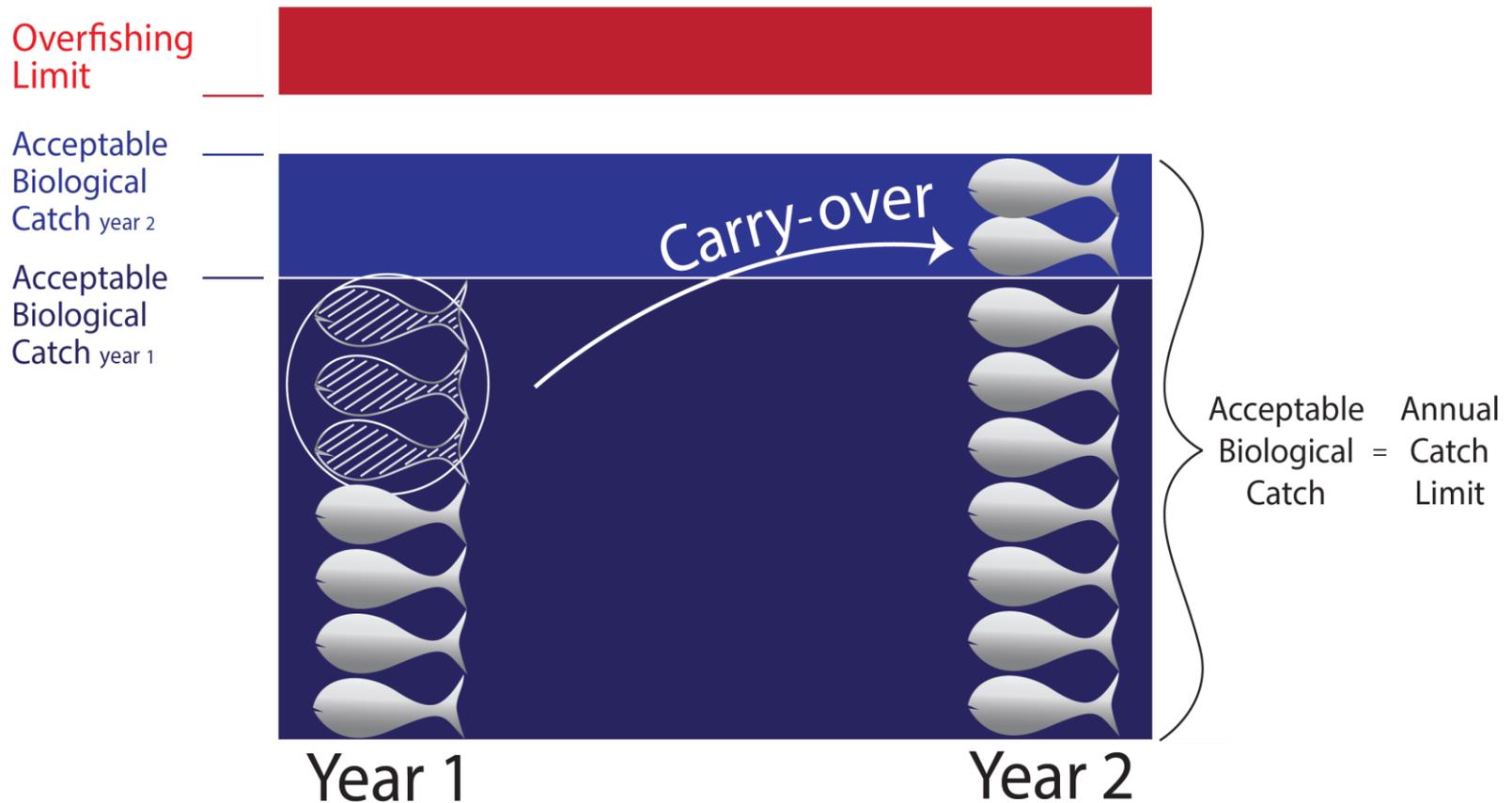


# Carry-Over Approach #1: Utilizing ACL buffer

Overfishing Limit  
Acceptable Biological Catch  
Annual Catch Limit year 2  
Annual Catch Limit year 1



# Carry-Over Approach #2: ABC Control Rule



Consider the stock's **condition** & the **reason** for the underage prior to carrying-over

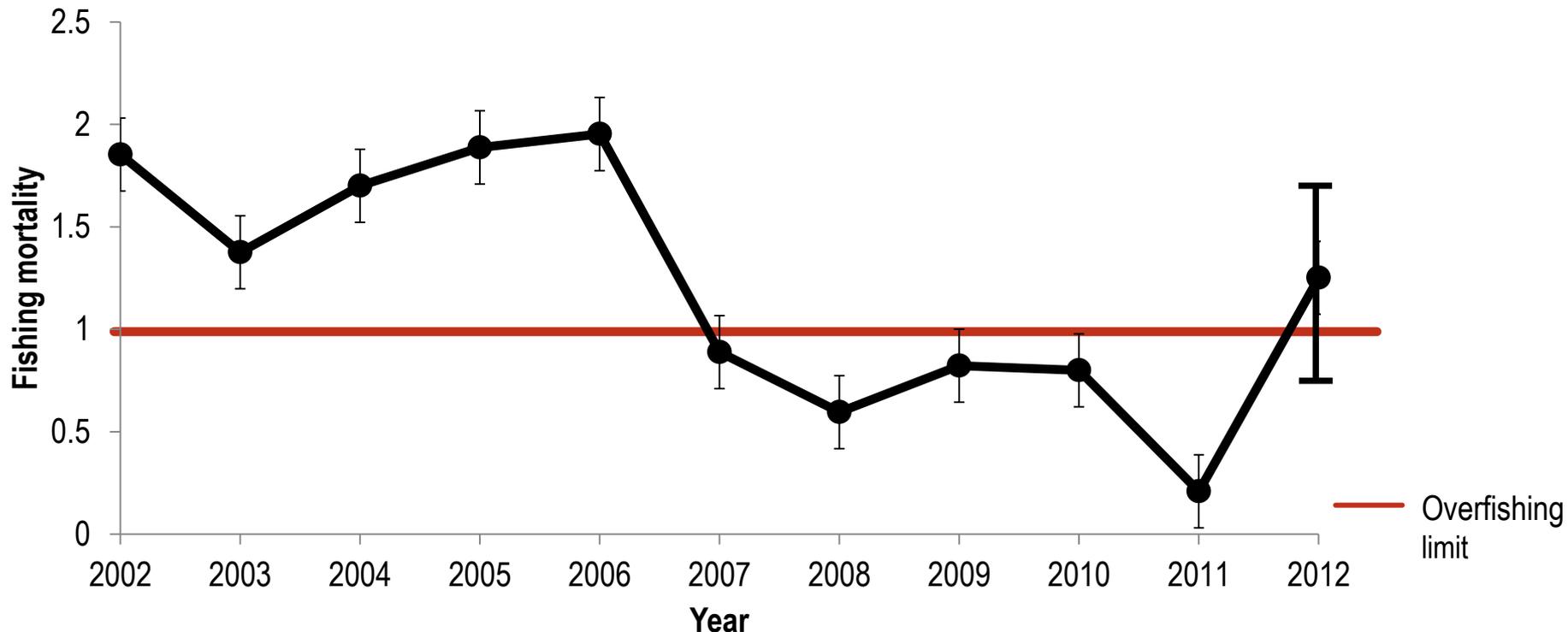
# Increasing stability to fisheries

- A. Phasing-in changes to catch levels
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- C. Multi-year overfishing status determinations**



# Multi-year overfishing status determinations

- Agency determines stock status annually
- Last year of data is often the most uncertain



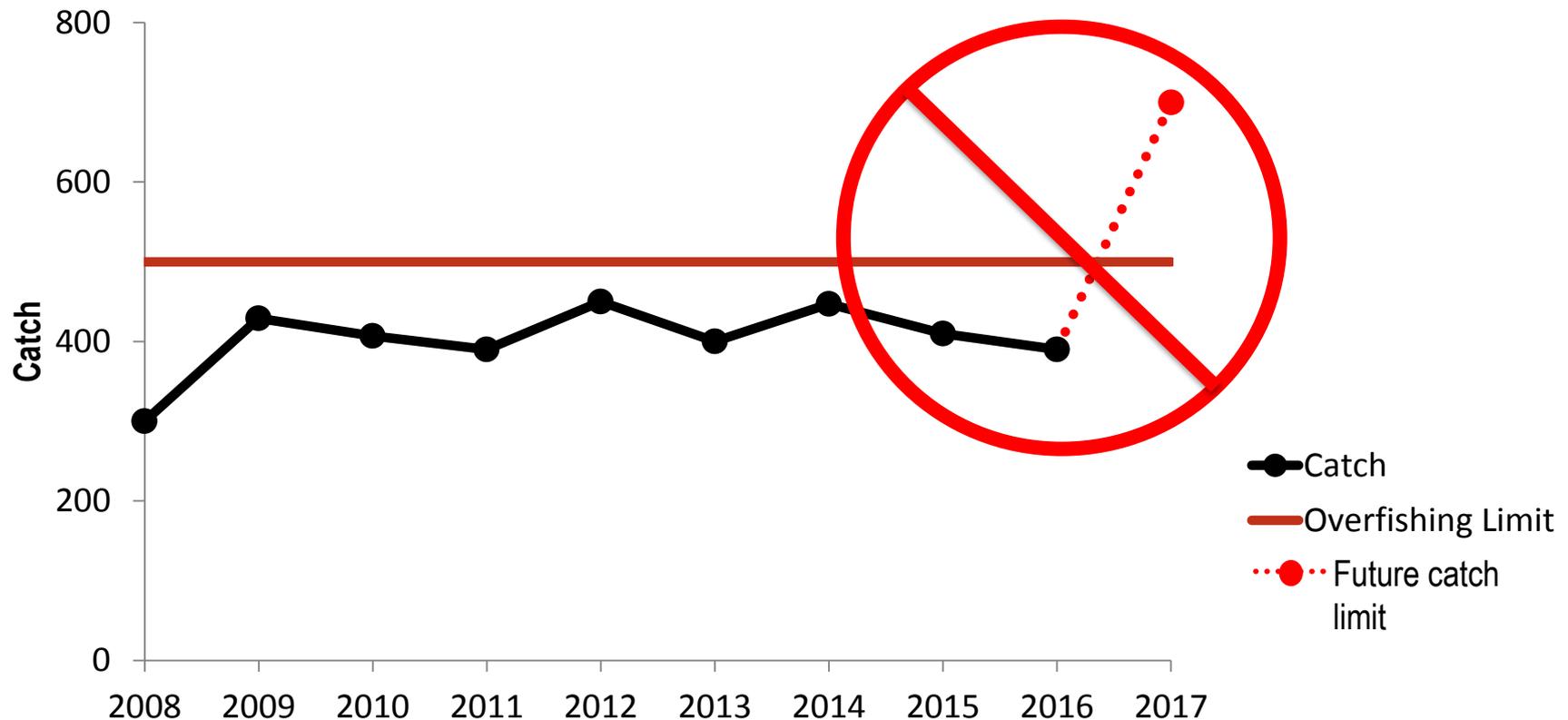
# Multi-year overfishing status determinations

- When data is uncertain, overfishing status determinations may be based on a 3 year average
- Increases reporting consistency



# Multi-year overfishing status determinations

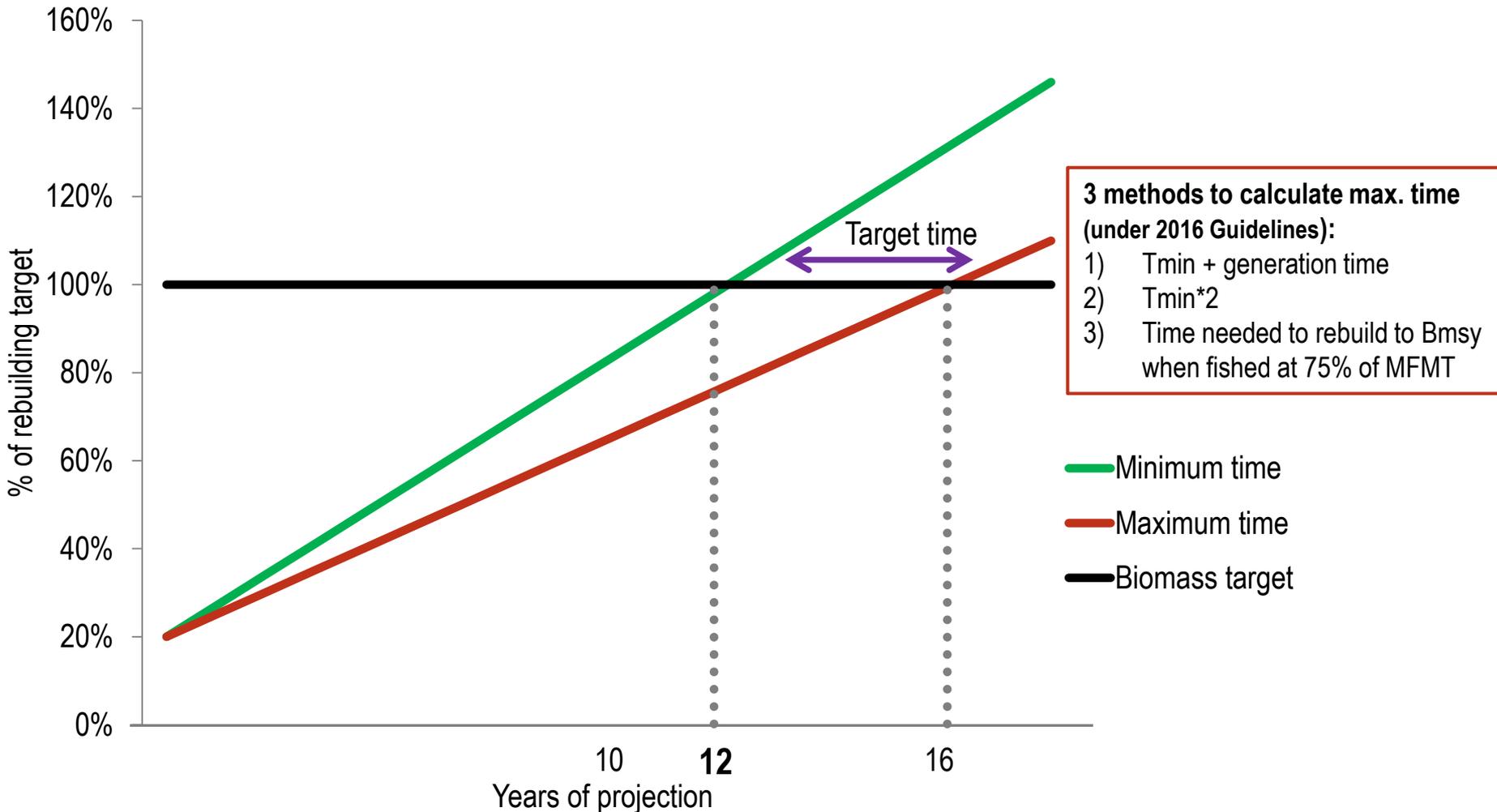
- Provision does not allow: setting future annual catch limits at levels that do not prevent overfishing



# Features of NS1 Final Rule

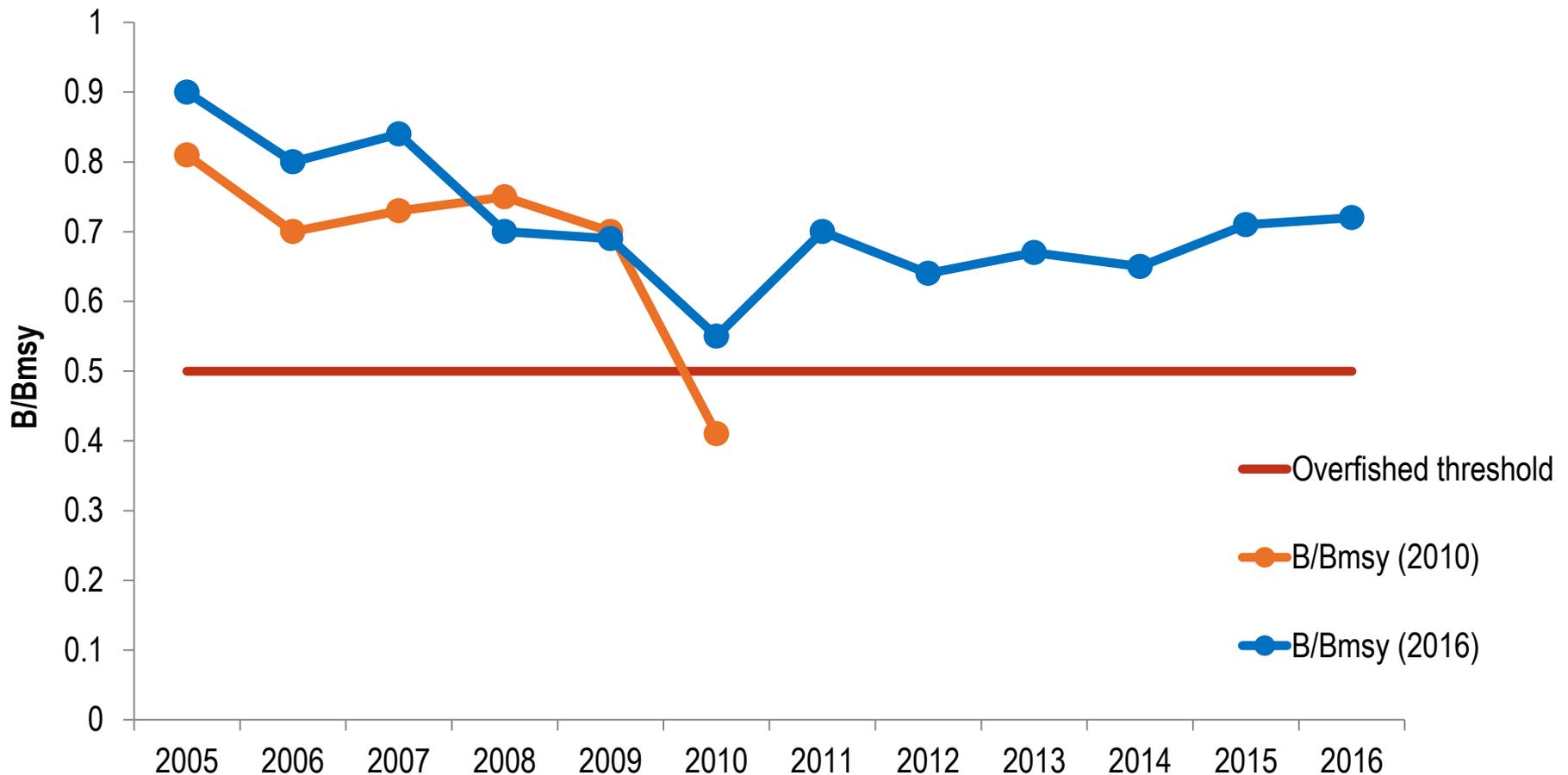
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# Increasing flexibility in rebuilding plans



# Increasing flexibility in rebuilding plans

## Discontinuing rebuilding plans



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# Determining adequate progress in rebuilding

Adequate progress is not being made if:

1.  $F > F_{rebuild}$  or associated ACL, and AMs are not effective, or
2. New/unexpected information significantly changes rebuilding expectations





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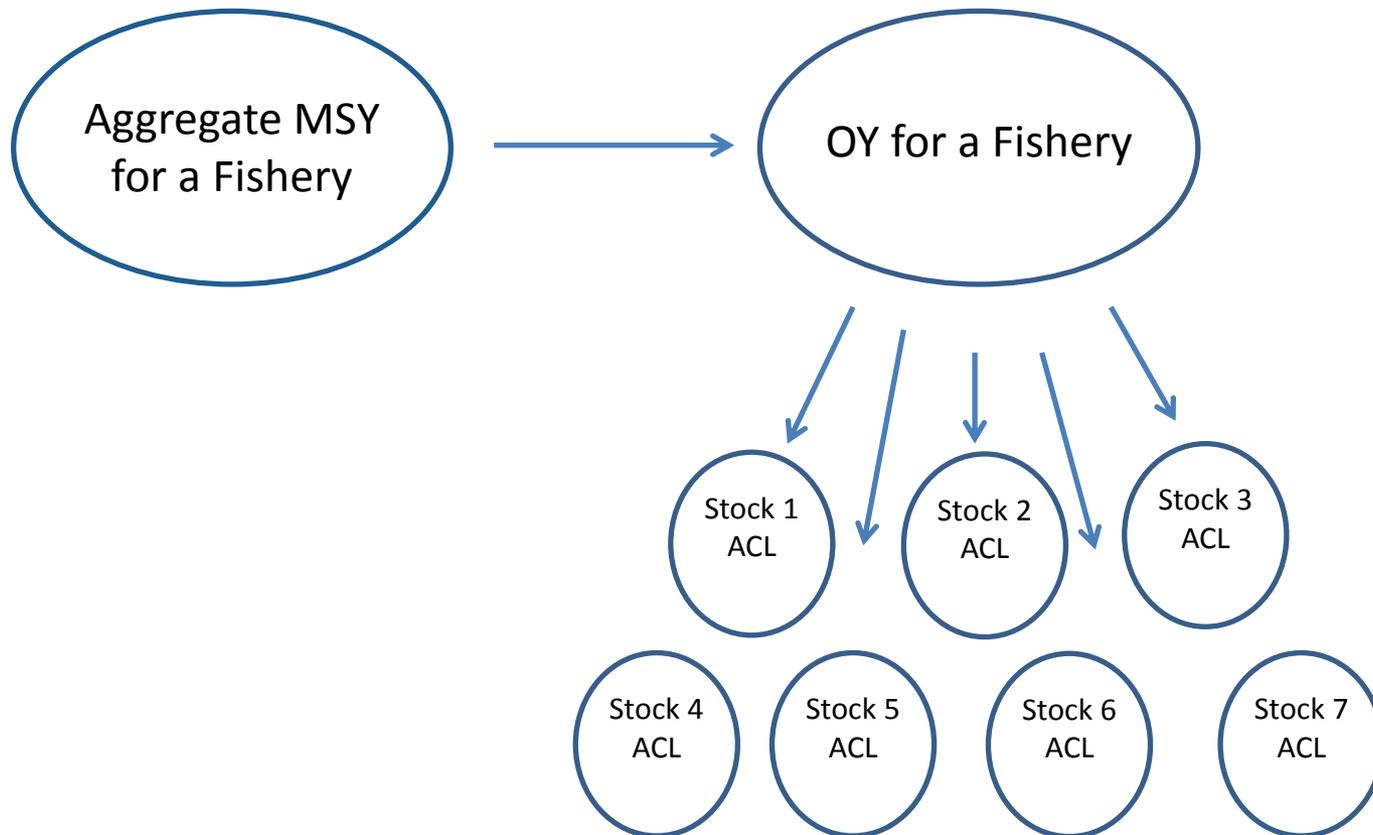
# Clarifying OY

- Relationship between **OY** and **ACL**
- **Qualitative** analyses of economic, ecological, and social factors are permissible



# Advancing EBFM

## Example: Aggregate MSY



# The updated NS1 Guidelines:

- Provide **tools** to increase stability and flexibility within fisheries management
- Do not establish any new requirements to revise management plans



# Questions?

