

# Marine Survey BMP

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**Project Name: Massachusetts Marine Fisheries Survey**  
Dates: 12/31/2010 to 12/30/2015

**Project Statement: Marine Fisheries Survey**  
Project Statement Dates: 12/31/2010 to 12/30/2015

**NEED THREAT/STATEMENT:** This survey monitors the geographic distribution of fish resources and documents habitat usage within Massachusetts's territorial waters. Survey data has been historically used to evaluate the conservation benefits of local fishery closures.

**NEED/THREAT TYPE:**  
LEVEL 1: Resource Management Needs  
LEVEL 2: Resource Information Collection Needs

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**NEED/THREAT TYPE**

LEVEL 1: Resource Management Needs  
LEVEL 2: Resource Information Collection Needs

**OBJECTIVE 1** - Relative Abundance Indices of Marine Recreational Fishes

Objective Statement: To determine relative abundance indices for marine recreational fishes based on catch per unit effort from a bottom trawl survey in coastal waters of Massachusetts.

Objective Type: SMART  
CUSTOM Indicator: Number of Trawl Tows

**ACTION 1**

Action Name: Fishery Resource Assessment, Coastal Massachusetts  
Action Dates: 12/31/2011 to 12/30/2012  
Action Category: Data Collection and Analysis  
Action Strategy : Research, survey or monitoring – fish and wildlife populations  
Action Activities: Age, size and sex structure, Abundance determination  
CUSTOM Indicator: 206 trawls completed.

**PURPOSE/TARGET: Objective 2**

DESCRIPTION: Assessment of winter flounder year-class strength  
INDIRECTLY BENEFITED SPECIES: *Pseudopleuronectes americanus* (winter flounder)

**OBJECTIVE 2** – Winter Flounder Year Class Strength

Objective Statement: To assess year class strength by monitoring abundance of shore zone young-of-the-year winter flounder.

Objective Type: SMART  
CUSTOM Indicator: Number of seine hauls

**ACTION 2**

Action Name: Winter Flounder Year Class Strength  
Action Dates: 12/31/2011 to 12/30/2012  
Action Category: Data Collection and Analysis  
Action Strategy : Research, survey or monitoring – fish and wildlife populations  
Action Activity: Abundance Determination  
CUSTOM Indicator: 49 seine hauls completed