

# Developing Indicators for the Bay of Fundy to Long Island Sound

## 4. Fisheries

Productive fisheries stocks are of vital ecological and economic importance to the northeast U.S. and eastern Canada. Throughout the last several decades, increased efforts to catch commercially and recreationally important fish have caused several species to be overexploited. Moreover, changes in regional ecosystems have caused changes in the types of species found in several areas. As a result people are concerned about the sustainability of marine fish and shellfish populations.

### 14. How important are the following fisheries issues are?

	Very Important	Important	Somewhat Important	Not Important
The levels of commercial and recreational fish stocks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Changes in species composition and biomass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish harvesting practices on non-target species and habitats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Affect of changing fish stocks on coastal communities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### 15. Suggested Additional Fisheries Issues:

- a.
- b.
- c.

### 16. How useful are the following themes in communicating the status and trends of the fishery?

	Very Useful	Useful	Somewhat Useful	Not Useful
Populations of harvested species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• Status of commercial finfish stocks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• Status of lobster stocks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• Status of forage fish species abundance/distribution	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• Increase/decrease in species diversity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commercial by-catch of non-target fish species and protected resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Value of commercial landings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Days fished by commercial/recreational vessels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catch per unit effort	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Direct recreational fishing expenditures/multiplier effect in the regional economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gear deployment information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Relative fish abundance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bottom type	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shellfish landings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Miles of stream open to fish migration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economic contribution of fisheries and related industries in coastal communities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**17. Suggested Additional Fisheries Themes:**

- a.
- b.
- c.