2012 River Herring Stock Assessment for Peer Review

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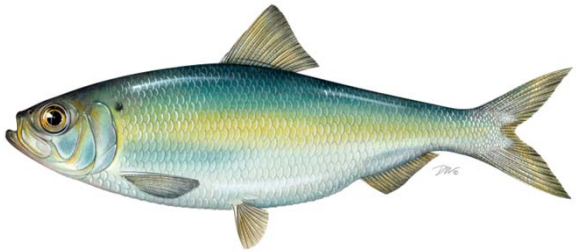
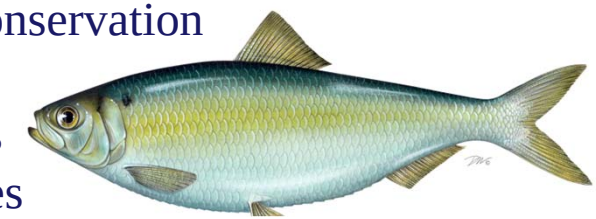
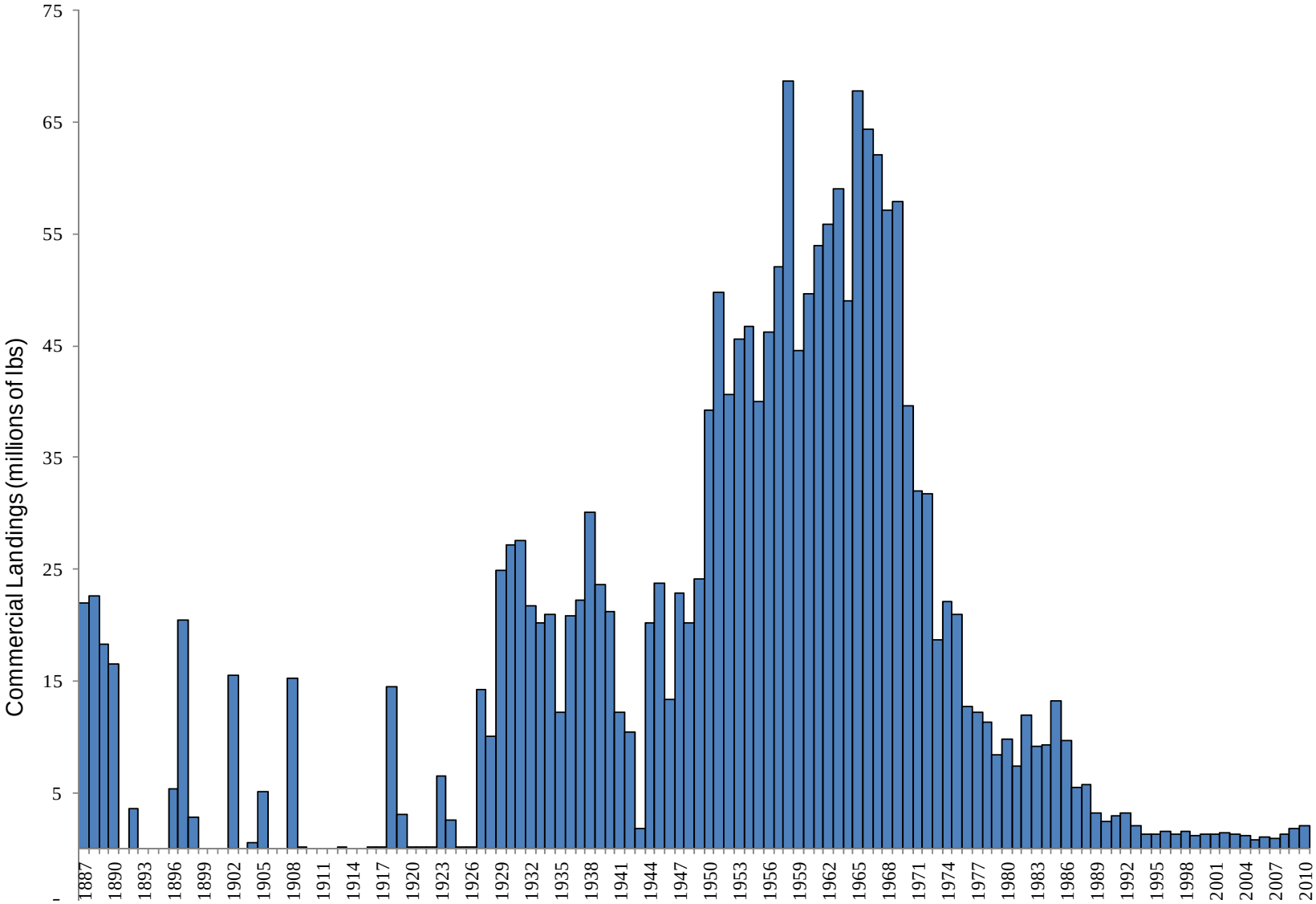




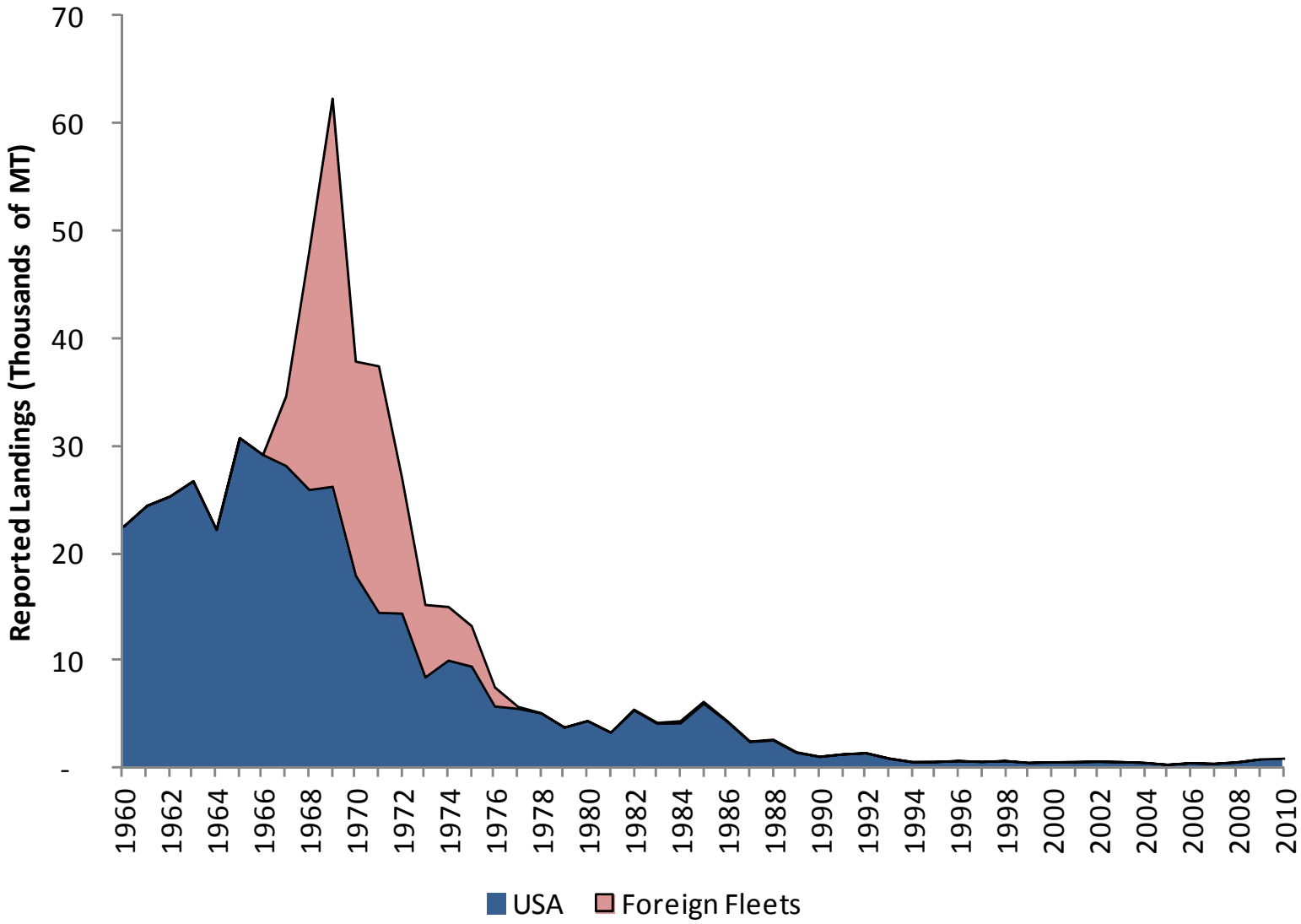
River Herring Stock Assessment

REPORTED LANDINGS

Reported US Landings



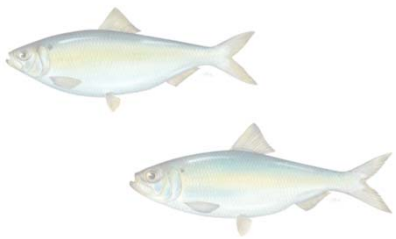
Reported NAFO Landings

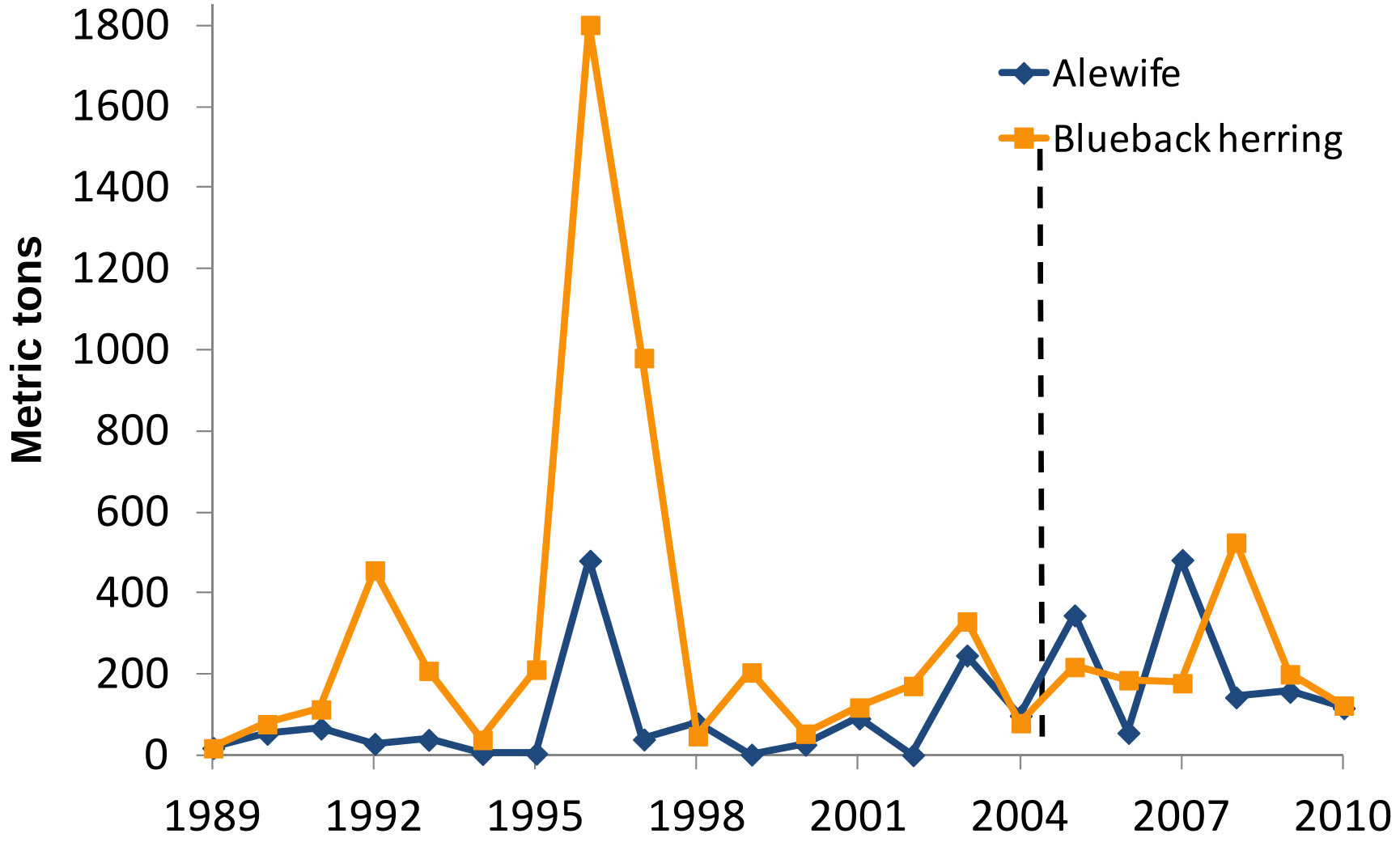


River Herring Stock Assessment

TOTAL INCIDENTAL CATCH ESTIMATES

Total annual incidental catch by species



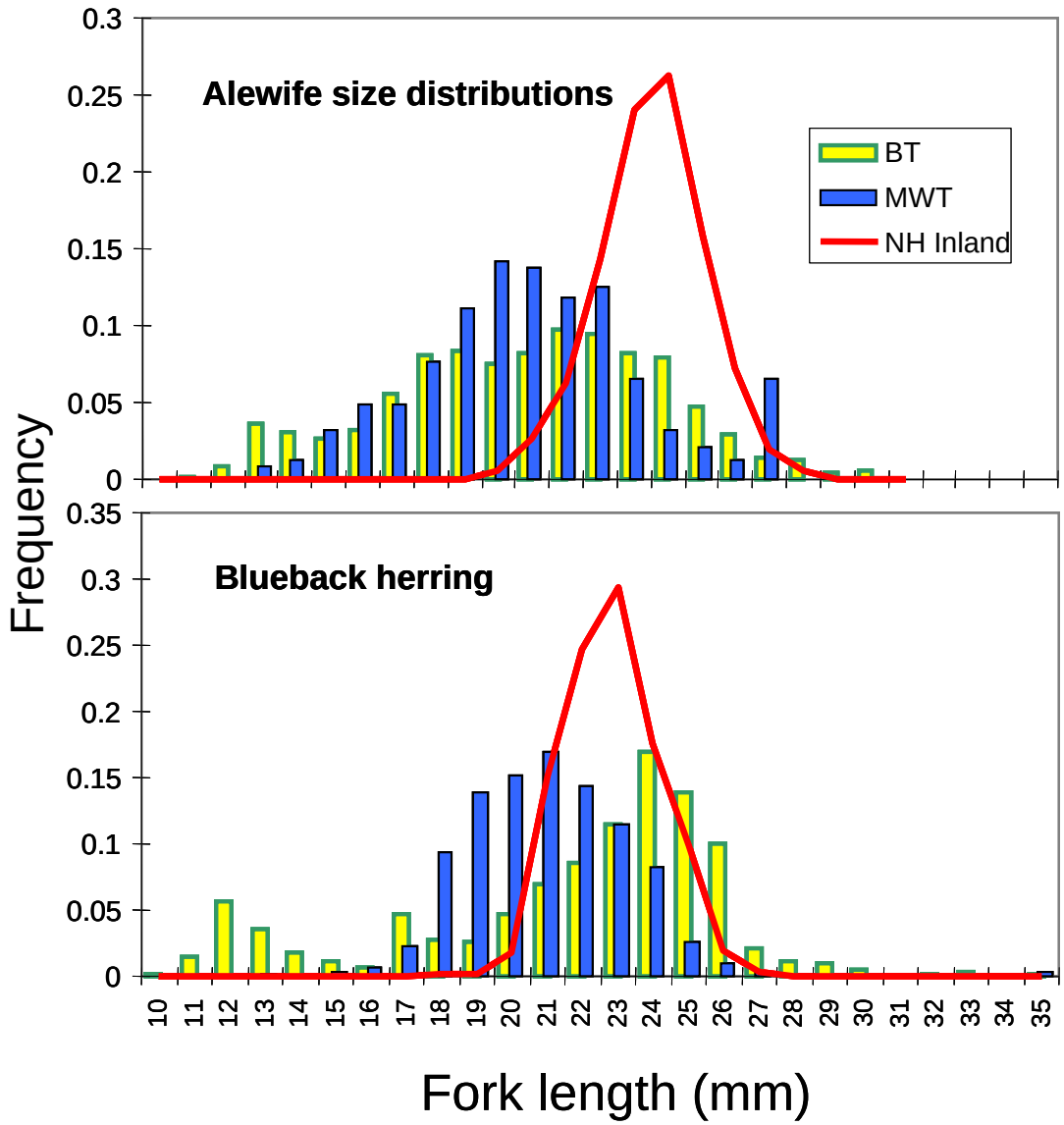


CV's: alewife: 0.20 – 3.86
blueback: 0.20 – 2.10

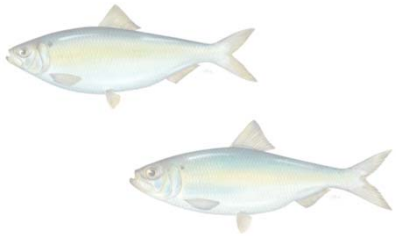
**MWT estimates only included beginning in 2005*

Biological Data

- Observers also collect data on length frequency of incidental catch
- **Incidental catch included small fish of size classes not observed in river samples**



Incidental Catch

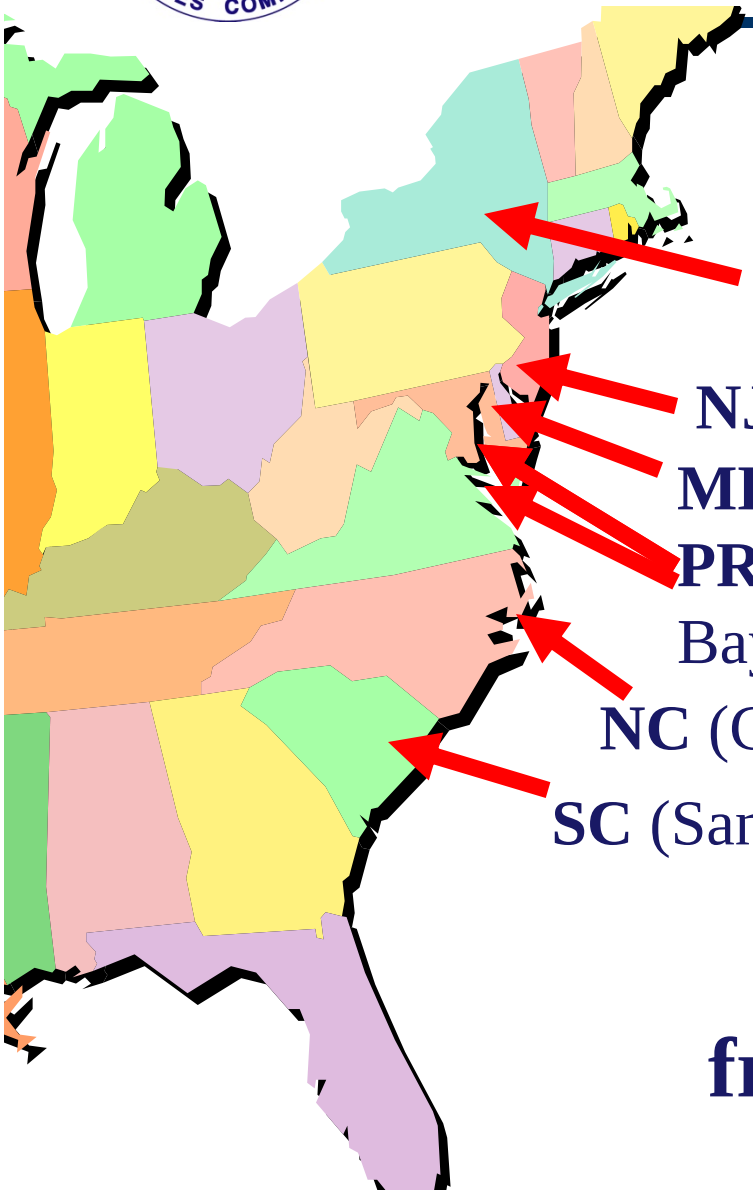


- Total incidental catch in other ocean fisheries **averaged 459 MT from 2005 – 2010**
  - Unknown reporting rates makes direct comparisons to reported landings problematic
  - Incidental catch of “Herring NK [not know]” ranged from 7 - 328 MT from 2005 – 2010, and the proportion of river herring in this category is unknown

River Herring Stock Assessment

COASTWIDE COMPARISONS & TREND ANALYSIS

Commercial CPUE



NY (Hudson River – Combined Spp.)

NJ (Del Bay – Combined Spp.)

MD (Nanticoke R. – Combined Spp.),

PRFC (Potomac R.- Both),**VA** (Chesapeake Bay, James R., Rapp. R, York R. - Alewife)

NC (Chowan R. – Alewife and Blueback)

SC (Santee-Cooper R. - Blueback)

11 rivers/estuaries
from gillnets and pound nets

ATLANTIC STATES MARINE FISHERIES COMMISSION