



Chesapeake Bay Program

# REVISED SHAD ABUNDANCE INDICATOR

Eric Brittle (VDGIF), Jim Cummins  
(ICPRB), Nita Sylvester (EPA)

Chesapeake Bay Program STAR Meeting  
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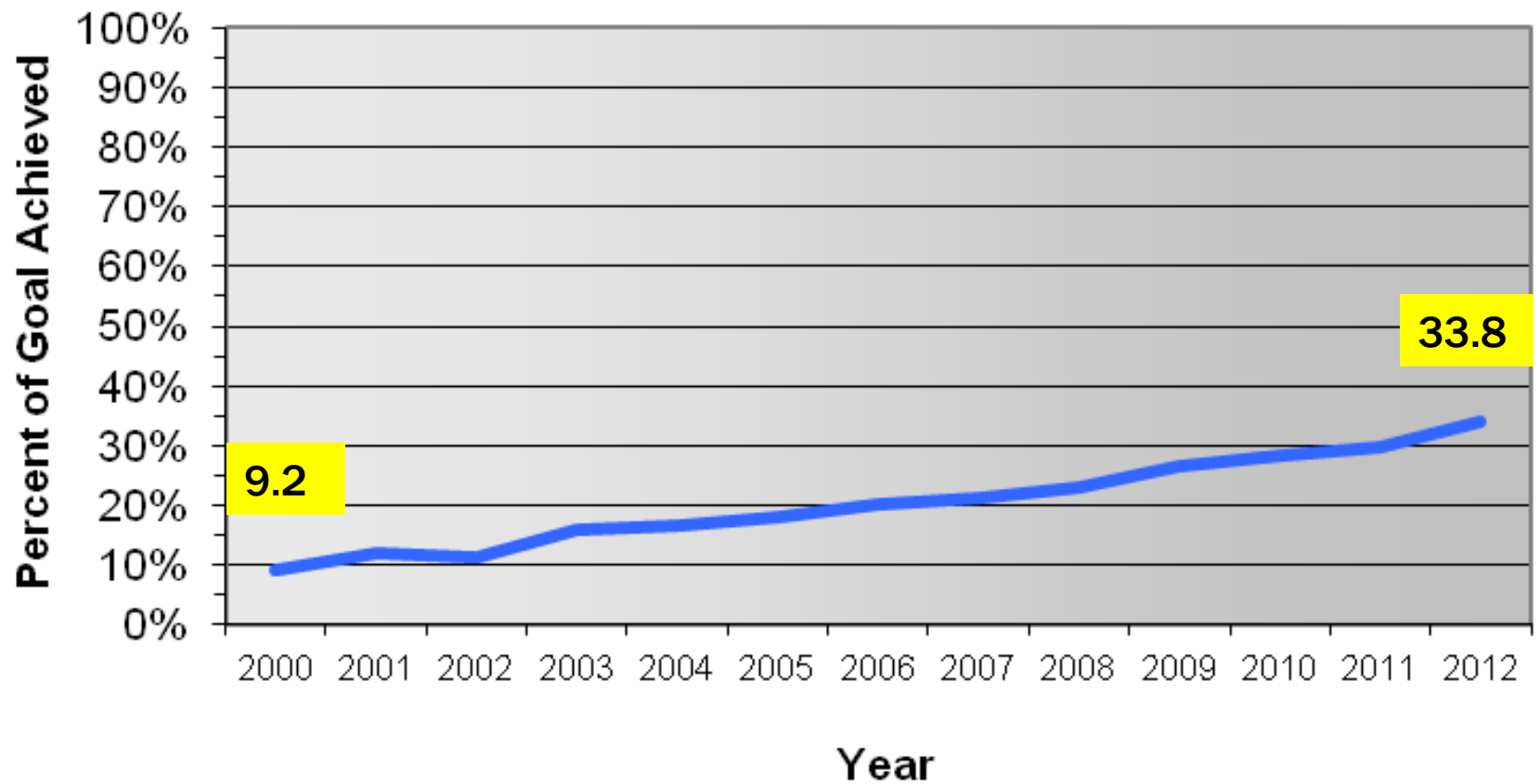
# SHAD INDICATOR BACKGROUND

- CBP indicator; developed to track C2K commitment
- Fisheries GIT refocuses priorities
- Recommendation from GIT/STAR to eliminate
- MB requests revision (rather than elimination)
- GIT/STAR convene American Shad Indicator Action Team to revise indicator

- |           |          |         |         |
|-----------|----------|---------|---------|
| • ICPRB   | • VMRC   | • NOAA  | • CRC   |
| • PRFC    | • MD DNR | • USFWS | • UMCES |
| • VA DGIF | • PA FBC | • USGS  |         |
| • VIMS    | • ASMFC  | • EPA   |         |

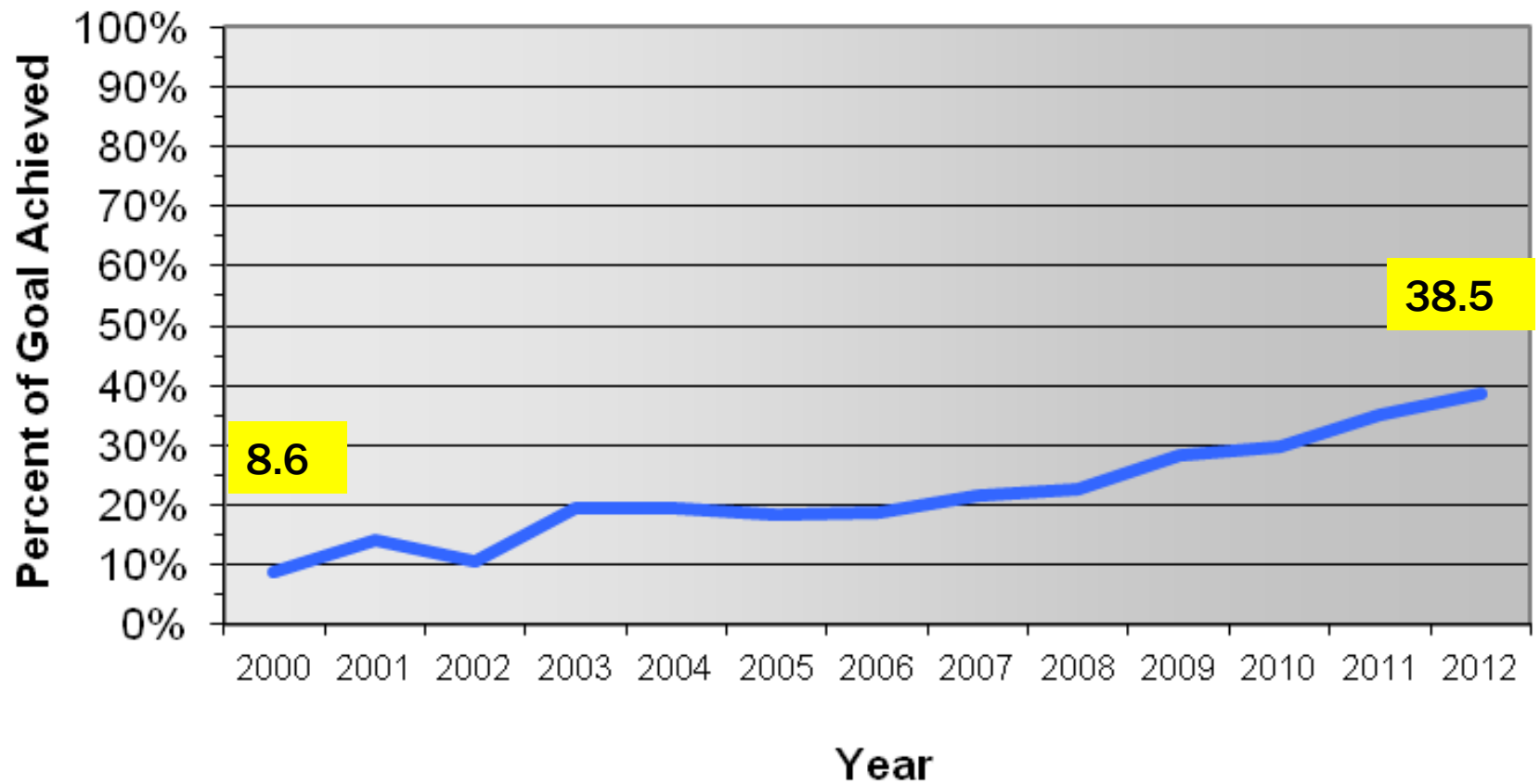
# OLD

## Shad Returning to the Chesapeake Bay



# NEW

## Shad Returning to the Chesapeake Bay



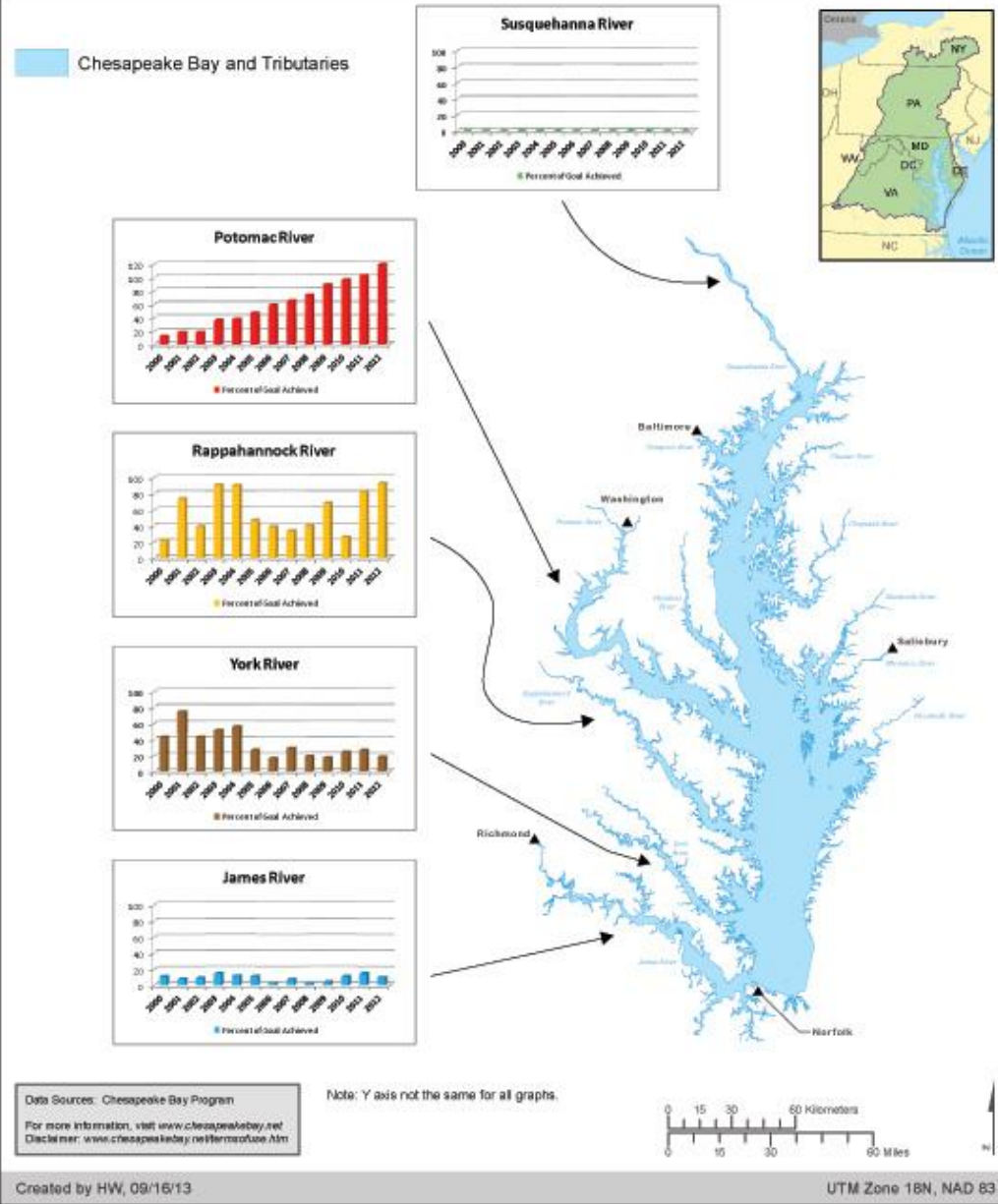
# WHAT CHANGED?

- Added Rappahannock River data
- Added Lower James River data
- Revised York River data
- Revised weight of each river to calculate baywide shad abundance index

# WHAT ELSE CHANGED?

- Static map on indicator webpage now features status/trend charts for each component river.

## Shad Abundance (2012) Ecosystem Health Assessment



# WHAT WAS ADDED?

- Dynamic map with links to additional data

## American Shad Abundance

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Based on the most recent data from the James, Potomac, Susquehanna and York rivers, the estimate of Chesapeake Bay-wide American shad abundance increased in 2012 to 34 percent of the goal. The Potomac River has seen the most consistent increase of returning shad, reaching 100 percent of that river's target. The York River's shad abundance is at 17 percent of the goal, while the James and Susquehanna River remain at less than 1 percent.

### LEGEND

- Shad Abundance**
- Shad Abundance Tributaries**
- James River
  - Northern Chesapeake Bay
  - Potomac River
  - Rappahannock River
  - York River



# DO YOU AGREE?

- The ASIAT is recommending the revisions for the following reasons:
  - Incorporates more robust abundance data/targets
  - Incorporates/features more data
    - Abundance data from additional rivers (Rapp, MD)
    - Stocking efforts and habitat data
  - Features abundance charts for each river
  - “I am so glad we made these changes!” *Mike Odom, USFWS*
- Do you agree with the recommendations for revisions to the shad indicator information featured at ChesapeakeBay.net?



# QUESTIONS?