



Stream Health



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Through the Chesapeake Bay Watershed Agreement, the Chesapeake Bay Program has committed to...



Goal: *Stream Health*

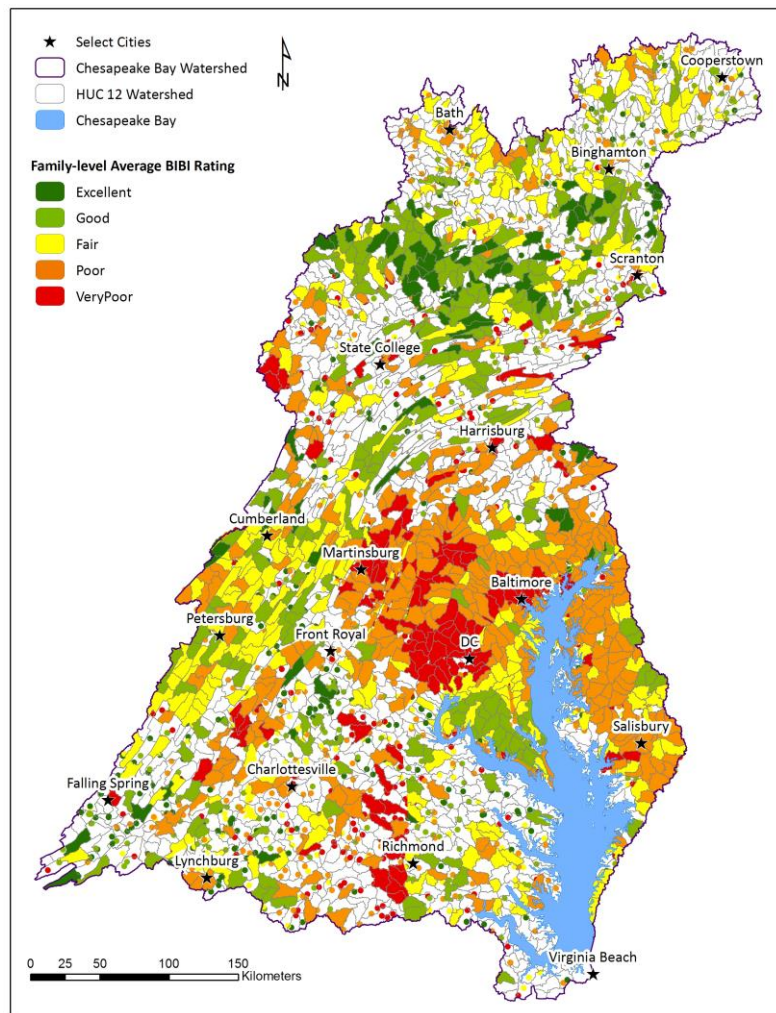
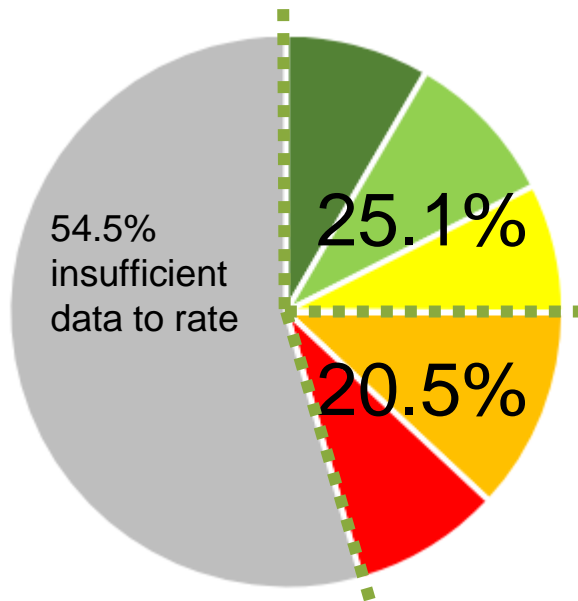
Outcome:

Continually improve stream health and function through the watershed. Improve health and function of ten percent of stream miles above the 2008 baseline for the watershed



What is our Expected and Actual Progress?

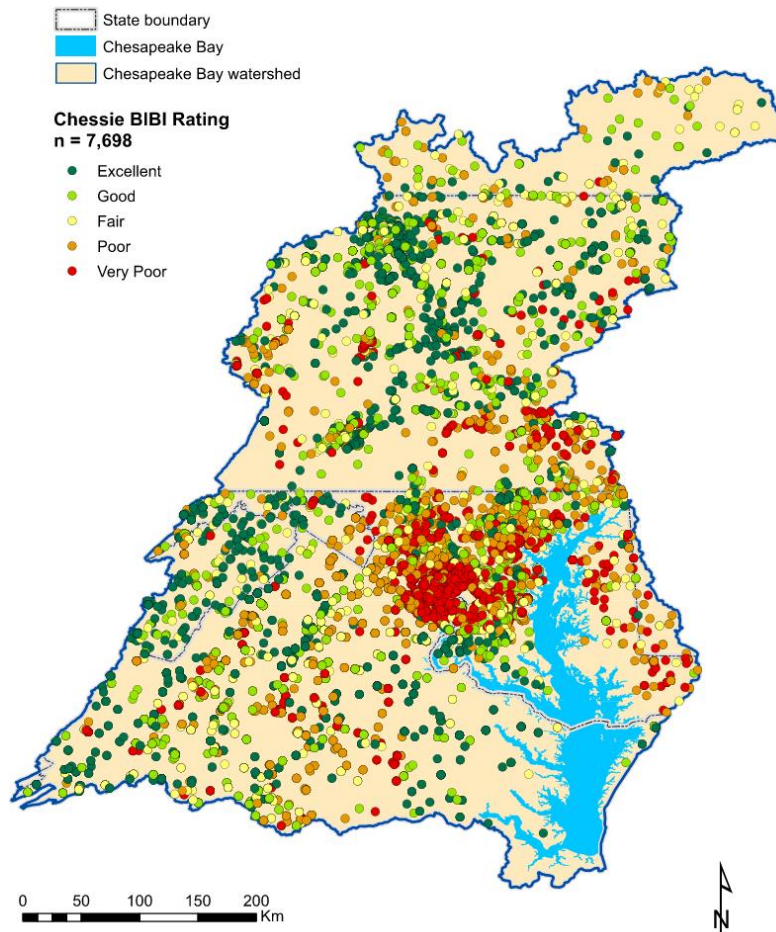
2006-2011 (Baseline)

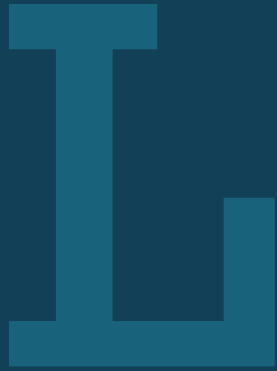




What is our Expected and Actual Progress?

2012-2019 (update, in progress to summarize rating by catchment and stream miles)





Learn

What have we learned in the last two years?



Successes and Challenges

Progress made when:

- Engaged membership
- Meaningful, action-oriented discussions
- Dedicated resources (funding, personnel) to advance workplan
- Collaboration with other GITs/Work Groups (Healthy Watersheds GIT)

Currently on track with majority of work plan

- Chessie BIBI updates
- Additional metrics
- Pooled Monitoring
- USGS stressor study



Successes and Challenges

Challenges:

- inconsistent or absent participation from representatives

Conducted survey to identify barriers to participation

- Identified gaps in State representation
- 64% of respondents are involved in multiple WGs
- 52% of respondents don't participate as much as they'd like
 - 92% cited lack of time/prioritization as main barrier



On the Horizon

There are several developments underway that may influence our work:

Scientific

- Partners' studies exploring the effects of climate change on freshwater streams

Fiscal

- Determine future role/responsibility/funding for future BIBI updates

Policy

- Development of a temperature TMDL (Maryland)
- Continued work to develop additional metrics to measure progress in improving stream health

With the exception of impacts to our fiscal resources, these developments should help to fill in gaps in knowledge of stressors affecting stream health. Filling in these gaps will help to inform our development of additional stream health metrics



Adapt

How does all of this impact our work?



Based on what we learned, we plan to ...

- Help advance Stream Health actions more fully
- Work with other GITs/Workgroups to implement Logic and Action Plan
- Identify scientific partner to update stream health metric, otherwise will not significantly impact our work plan priorities



Help

*How can the Management Board
lead the Program to adapt?*



How You Can Help



- CBP-funded studies are critical to advancing work plan goals
 - Implementing Phase 2 of Stressor study
- Need engagement from Workgroup members and State representatives



Help Needed

Continued support from the Management Board to support membership and GIT-based funding

- Sustaining funding through the remaining phase of Stressors, BMP impacts, and Metrics evaluation will be critical to achieving workplan goals
- **Need Management Board to engage with their State representatives**
 - **Ask representative: “What elements constitute Stream Health in your jurisdiction?”**



Discussion