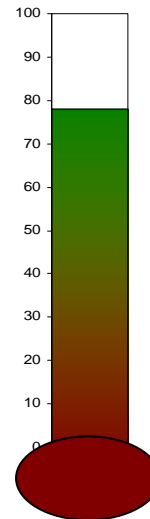


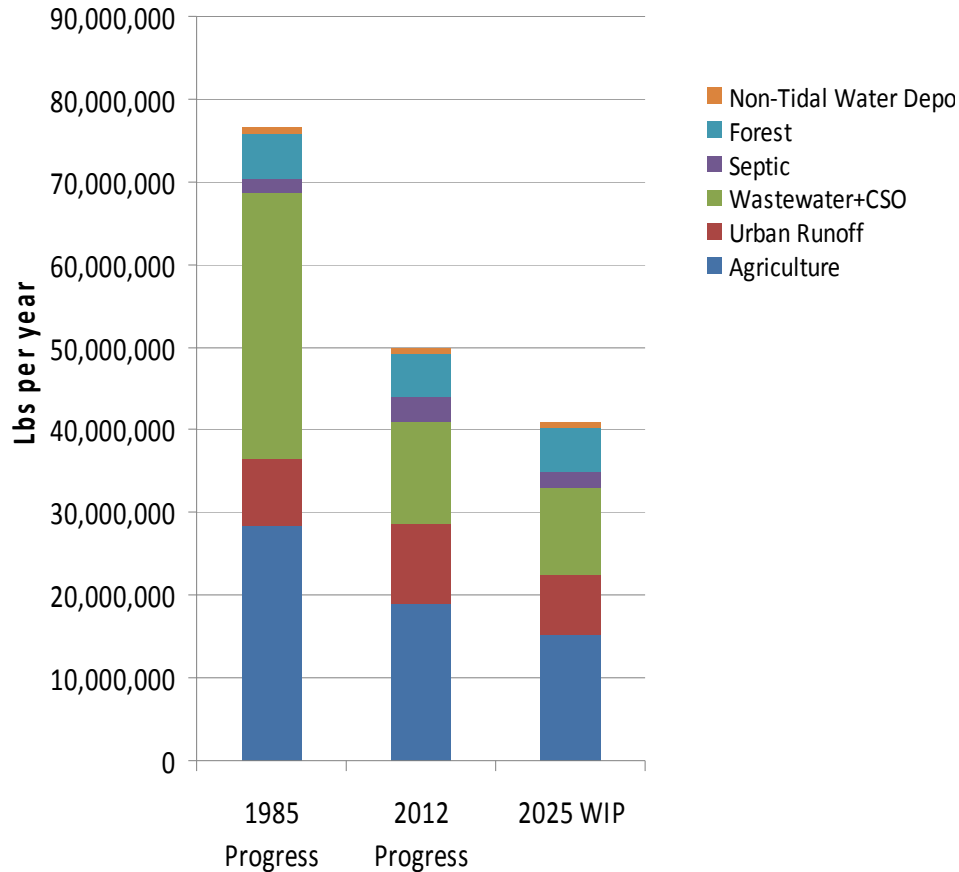
# We Can Reach Our Goals!



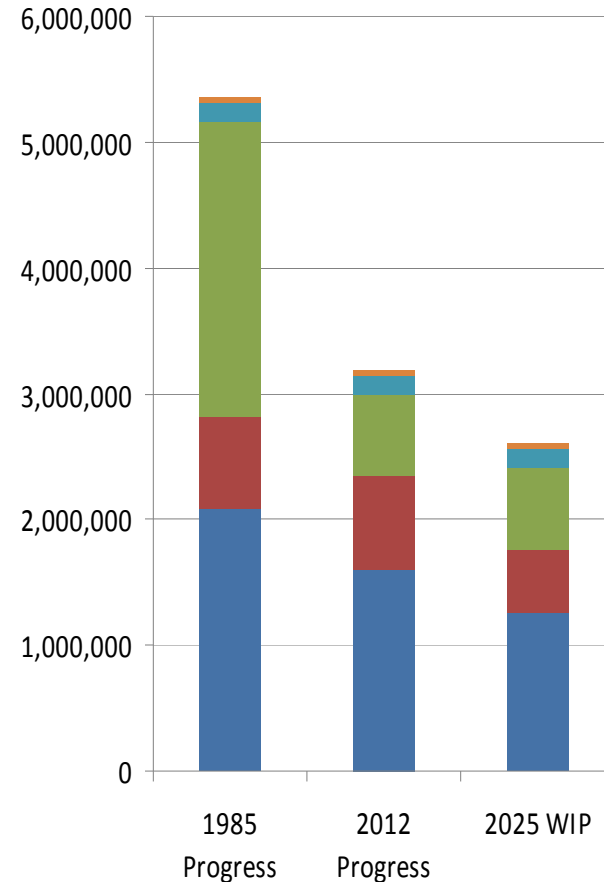
## Maryland Watershed Implementation Plan Regional Exchange

# Our Accomplishments

**MD Delivered Total Nitrogen**



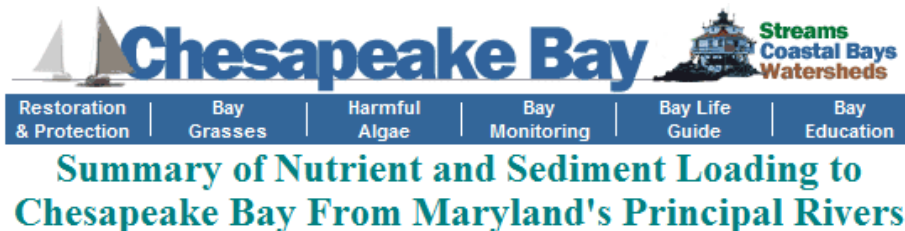
**MD Delivered Total Phosphorus**



Maryland has achieved 75% of nitrogen goal and 85% of phosphorus goal

# Water Quality Improvements

- USGS has recently reported throughout the watershed improving long term flow-adjusted trends for nitrogen and phosphorus at most of the sites in the network, whereas a few sites had degrading trends
- MD DNR reports improving trends at many of the Maryland monitoring stations, but some areas showed degrading trends
- Site specific watershed studies are showing improving trends following implementation
- Implementation practices and reductions in pollutant loads are stated to increase Bay and stream resilience



# What is ahead of us?

- From 2012, we need to reduce approximately 9 million pounds of nitrogen and 0.37 million pounds of phosphorus
- The cost reported in the Phase II Watershed Implementation Plan is approximately \$14 billion
- We need to maintain equity and strive for more cost effective solutions in reaching our water quality and habitat goals
- We must also plan for beyond 2025 and find solutions to maintain the cap, given increase in population and a changing landscape



# We Have Some of the Tools

- Atmospheric Deposition Reduction
- Increased agriculture implementation and innovative practices
- Wastewater Treatment Plant Upgrades
- Enhanced Stormwater regulations
- Phase I and Phase II Municipal Stormwater Permits Restoration Requirement
- General permit for construction, additional controls
- Erosion and sediment control
- Septic system upgrades - critical area with BRF
- Managing growth
- Trading

# Looking Forward

- Recognize that each sectors path forward may be different
- We want to identify fiscally responsible, equitable and feasible solutions for each sector to reach its restoration responsibility and water quality goals
- We must build upon the success stories of recent
- To reach our 2025 goals we must all continue to contribute to the solution

# Benefits

- We have a tremendous amount at stake and much to gain by providing solutions that improve both local and downstream water quality
- There are considerable ecological, social and economic benefits that result from restoration
- Upstream practices help protect and restore our local water quality while also providing downstream benefits

