

Restoring Virginia's Waters - Environmental & Economic Benefit

ANN JENNINGS

JULY 26, 2018

VAPDC SUMMER CONFERENCE & ANNUAL MEETING

A solid green horizontal bar at the bottom of the slide.

West Virginia

Baltimore, MD

Maryland

Washington, DC

Delaware

Charlottesville, VA

Virginia

Salisbury, MD

Richmond, VA

Norfolk, VA



Governor Ralph S. Northam

January 13, 2018, Inaugural Address

“As a kid I spent hours behind our house, crabbing and fishing on the Chesapeake Bay. To this day that is where I find peace.”



Our Rivers, Our Bay:

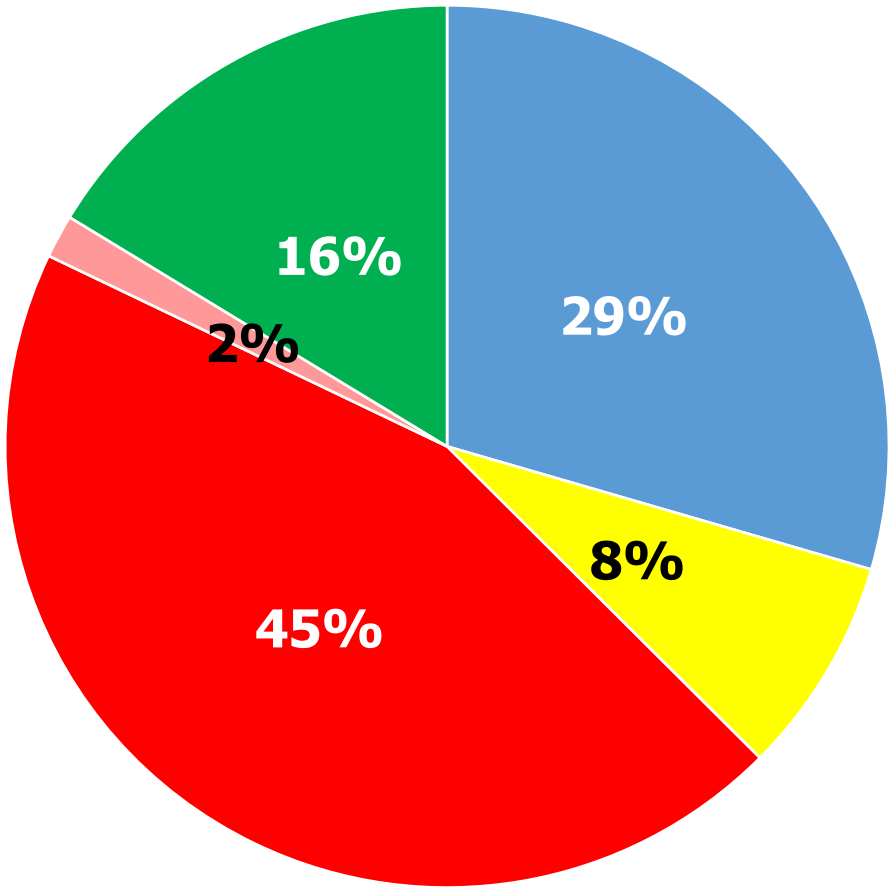
Virginia's Path to Clean Water

How healthy is your Chesapeake Bay?

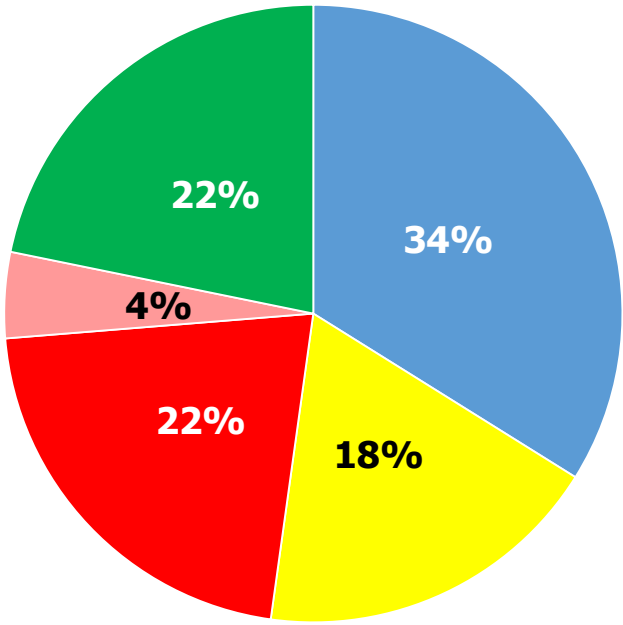
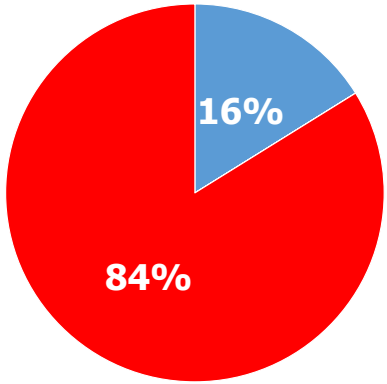


What Led Our Nitrogen Reductions?

■ Agriculture ■ Developed ■ Wastewater ■ Septic ■ Natural

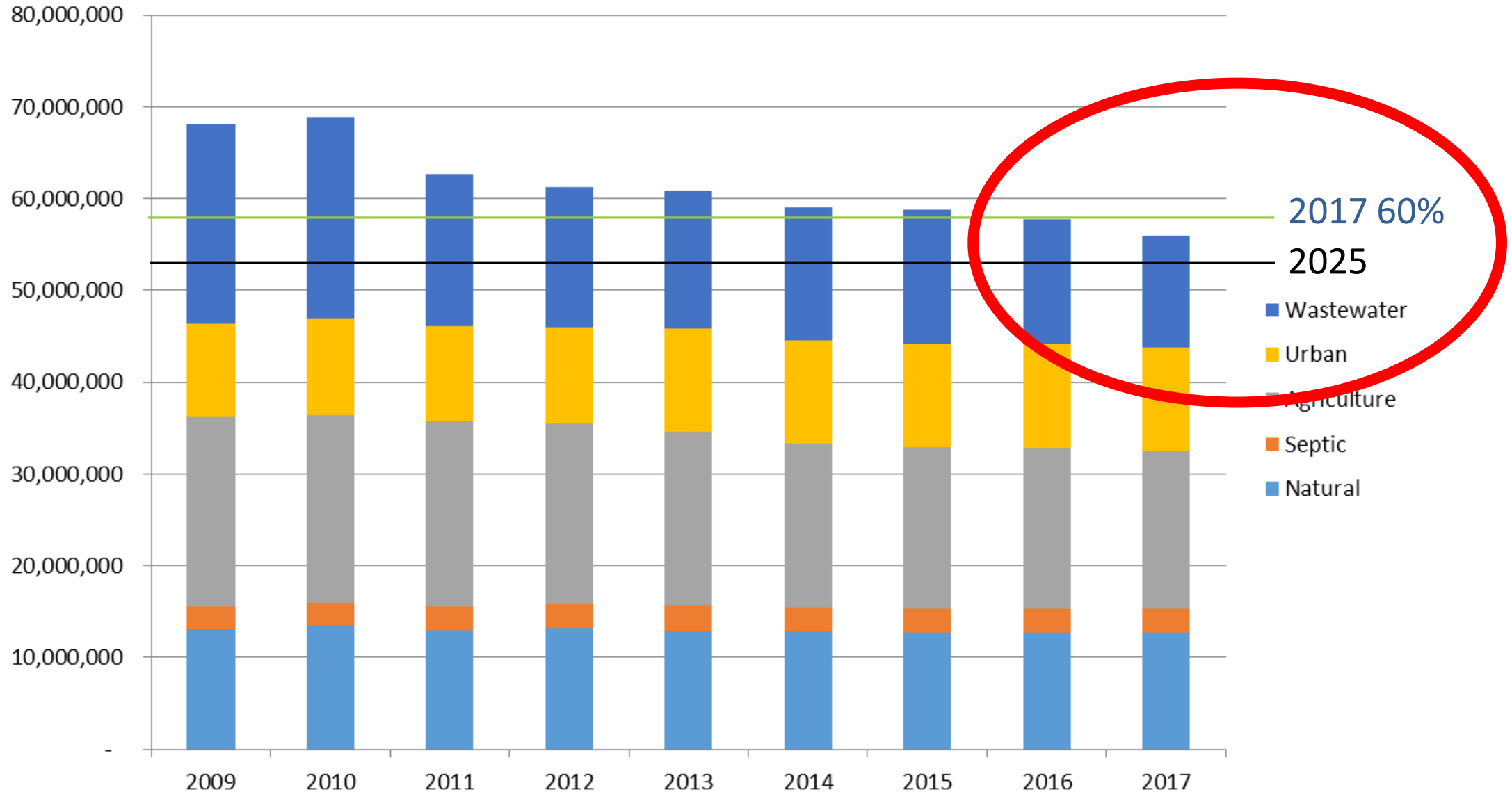


1985



2017

Virginia Achieves Midpoint Clean Water Goals for Nitrogen

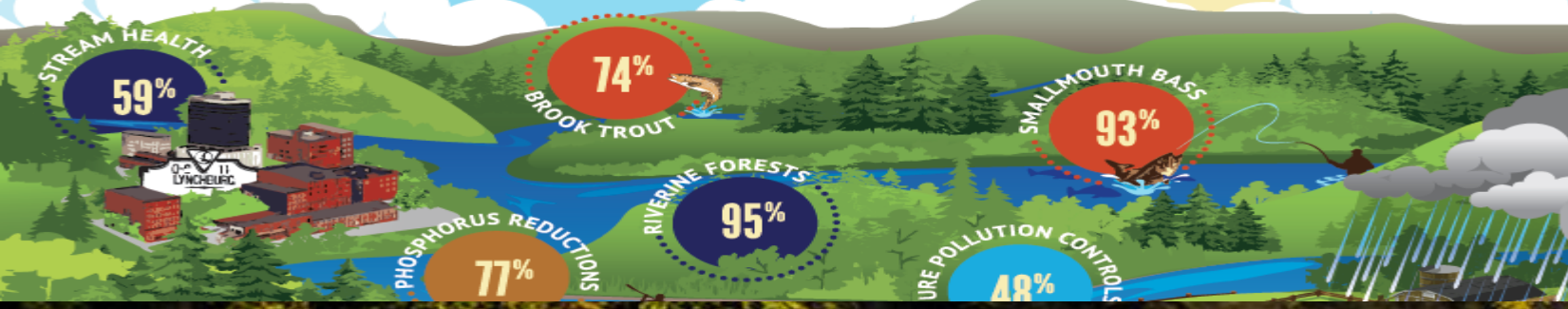




STATE OF THE JAMES

2017 RIVER HEALTH		
	SCORE	GRADE
FISH & WILDLIFE	66%	B
HABITAT	61%	B-
POLLUTION REDUCTIONS	56%	C+
PROTECTION & RESTORATION ACTIONS	65%	B
OVERALL	62%	B-

GRADING SCALE: A 80% - 100% B 60% - 79% C 40% - 59% D 20% - 39% F LESS THAN 20%



POTOMAC REPORT CARD
potomacreportcard.org

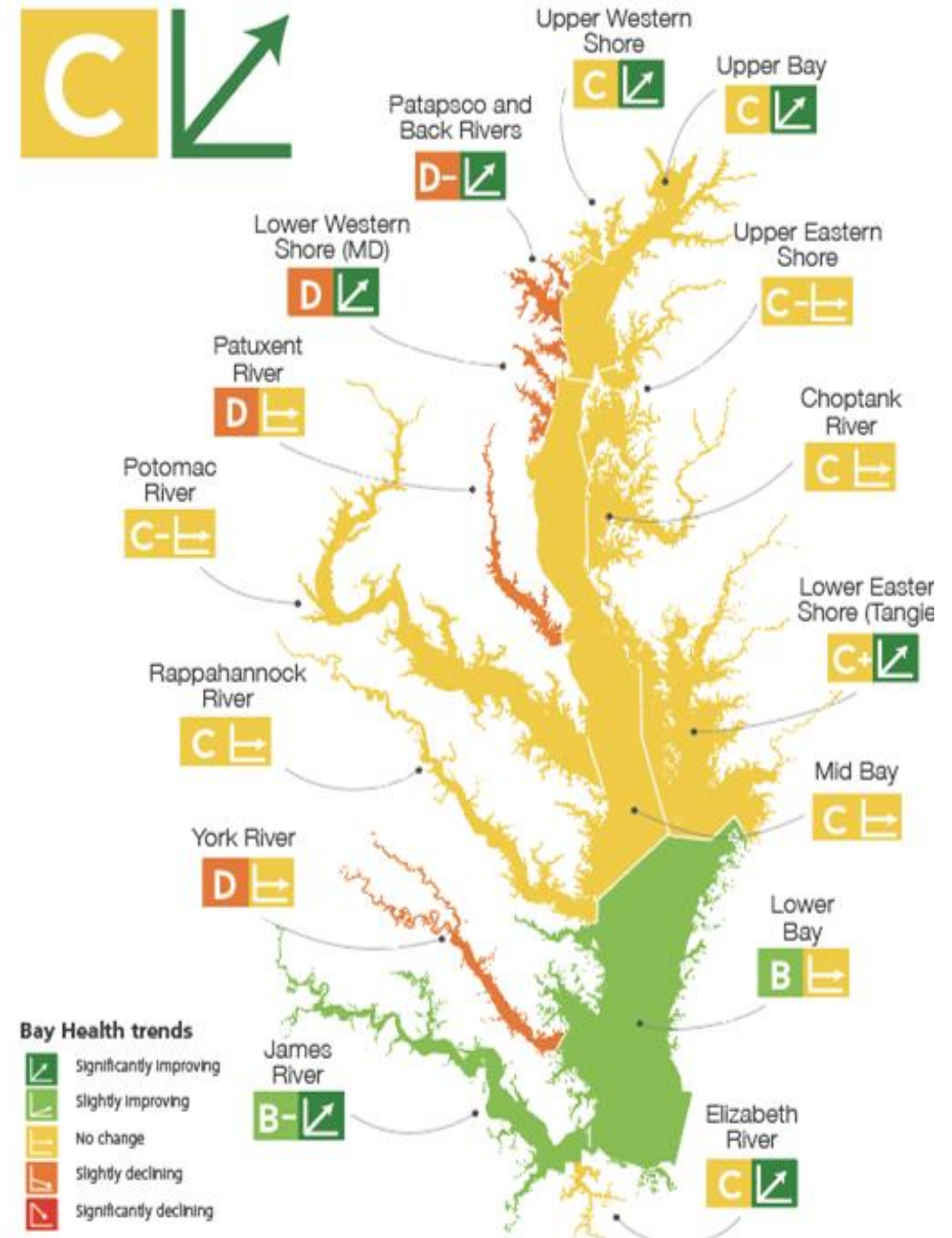
2016 STATE OF THE BAY

health index
34/C-



Region's Scientists Assess the Overall Bay Health in 2017

Read more at ecoreportcard.org



ECO HEALTH
REPORT CARDS

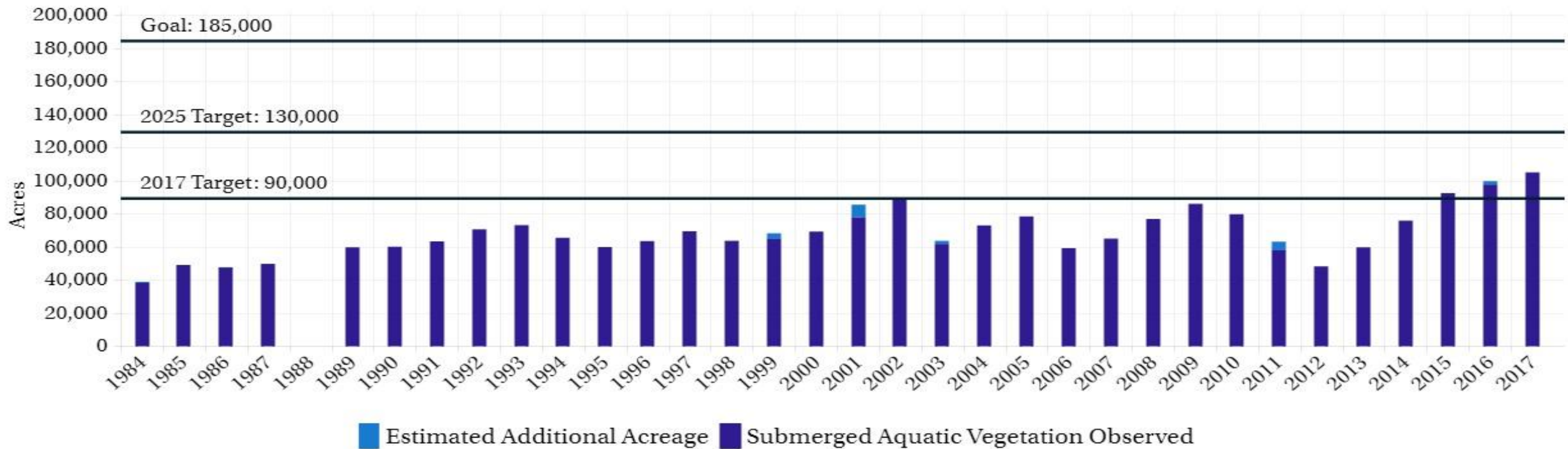
HOME HEALTH INDICATORS REGIONS ISSUES PUBLICATIONS TAKE ACTION ABOUT

How healthy is your
Chesapeake Bay?





Submerged Aquatic Vegetation (SAV) Abundance (1984-2017)





The Chesapeake Bay is an Economic Engine



THE ECONOMIC BENEFITS OF CLEANING UP THE CHESAPEAKE

A VALUATION OF THE NATURAL BENEFITS GAINED BY
IMPLEMENTING THE CHESAPEAKE CLEAN WATER BLUEPRINT



CHESAPEAKE BAY
FOUNDATION
Saving a National Treasure

BLUEPRINT VIRGINIA 2025

A BUSINESS PLAN FOR THE COMMONWEALTH

VIRGINIA
CHAMBER

THE VOICE of BUSINESS

**VIRGINIA LEADS THE EAST COAST IN
OYSTER PRODUCTION!**



**VIRGINIA IS FOR
OYSTER LOVERS**

VIRGINIA LEADS THE NATION IN CLAM PRODUCTION!





Governor Ralph S. Northam
April 4, 2018, Environment Virginia, VMI

“Our DEQ experts tell us that at our current Bay restoration pace, we will fall millions of pounds short of our goals to reduce nitrogen and phosphorus. So my Administration is committed to preparing a new cleanup plan that incorporates input from local decision makers, prioritizes nature-based solutions, and tackles the impact of climate change on our clean water goals.”



Our Rivers, Our Bay:
Virginia's Path to Clean Water

The Chesapeake Bay Watershed Implementation Plan – More than Clean Water



Forest Buffers





Tree Canopy

Wetlands





Stream Fencing

Chesapeake Bay TMDL Phase III WIP Timeline

- ❑ All of 2017 through 2018 – outreach to local decision makers
- ❑ July 9, 2018 – CBP Partnership Principals Staff Committee -- finalize planning targets
- ❑ Late Spring to Late Fall, 2018 – Engaging local communities through PDCs and SWCDs; see Virginia Townhall for meeting schedules
- ❑ April 12, 2019 – Draft Phase III WIP due to EPA; launch of formal public comment period
- ❑ August 9, 2019 – Final Phase III WIP due to EPA

Virginia Secretary of Natural Resources

Chesapeake Bay Stakeholders Advisory Group

**Soil and Water Conservation
District Areas:**

- 1) Adjust template bmp input decks
- 2) Identify funding and policy needs

- Planning District Commissions:**
- 1) Adjust template bmp input decks
 - 2) Identify funding and policy needs
 - 3) Convene all sector stakeholders

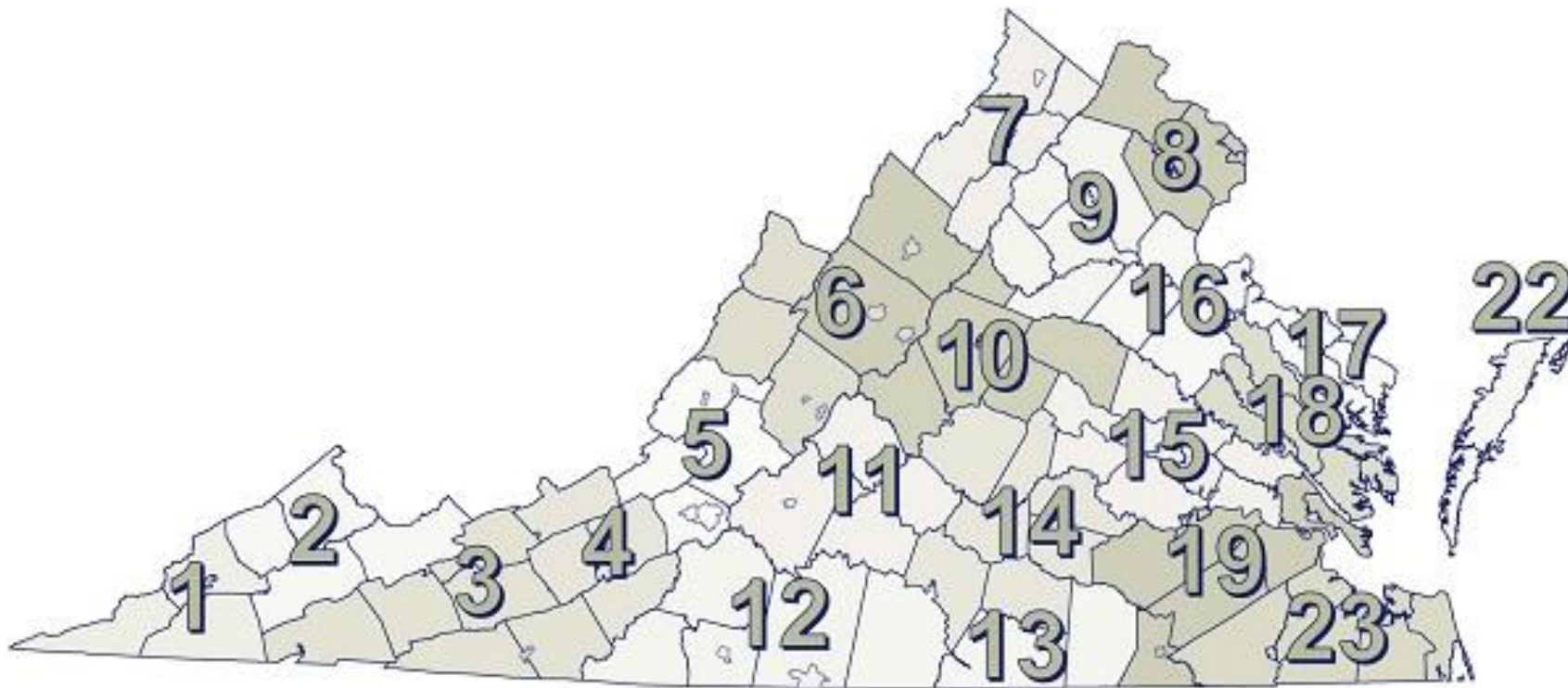
**Virginia Interagency
Chesapeake Bay TMDL Team**

Virginia Partnering with Planning District Commissions on WIP III

§ 15.2-4207. Purposes of commission.

A. It is the purpose of the planning district commission to encourage and facilitate local government cooperation and state-local cooperation in addressing on a regional basis problems of greater than local significance. The cooperation resulting from this chapter is intended to facilitate the recognition and analysis of regional opportunities and take account of regional influences in planning and implementing public policies and services. Functional areas warranting regional cooperation may include, but shall not be limited to: (i) economic and physical infrastructure development; (ii) solid waste, water supply and other environmental management; (iii) transportation; (iv) criminal justice; (v) emergency management; (vi) human services; and (vii) recreation.

Virginia Partnering with Planning District Commissions on WIP III



1. LENOWISCO PDC
2. Cumberland Plateau PDC
3. Mount Rogers PDC
4. New River Valley RC
5. Roanoke Valley-Alleghany RC
6. Central Shenandoah PDC
7. Northern Shenandoah Valley RC
8. Northern Virginia RC
9. Rappahannock-Rapidan RC
10. Thomas Jefferson PDC
11. Region 2000 LGC
12. West Piedmont PDC
13. Southside PDC
14. Commonwealth RC
15. Richmond Regional PDC
16. George Washington RC
17. Northern Neck PDC
18. Middle Peninsula PDC
19. Crater PDC
22. Accomack-Northampton PDC
23. Hampton Roads PDC

THANK YOU PLANNING DISTRICT COMMISSIONS !



Ann Jennings

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Resources

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