

# CHESAPEAKE BAY RESTORATION: CHALLENGES FACING PENNSYLVANIA

*“Bay Briefing”*

Senate Environmental Resources & Energy Committee  
and Pennsylvania Delegation of the Chesapeake Bay Commission  
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CHESAPEAKE BAY COMMISSION

# CHESAPEAKE BAY COMMISSION



## Tri-State Legislative Commission

Established by state laws in 1980

MD, VA, PA

7 Members from each State

- 2 Senators
- 3 House Members
- 1 Cabinet-Level Secretary
- 1 Citizen Representative

Translate science into coordinated Federal & State policy

Legislative arm of the Chesapeake Bay Program

Coordinate region's policy interests with Congress

## PENNSYLVANIA'S ROLE

### BY THE NUMBERS

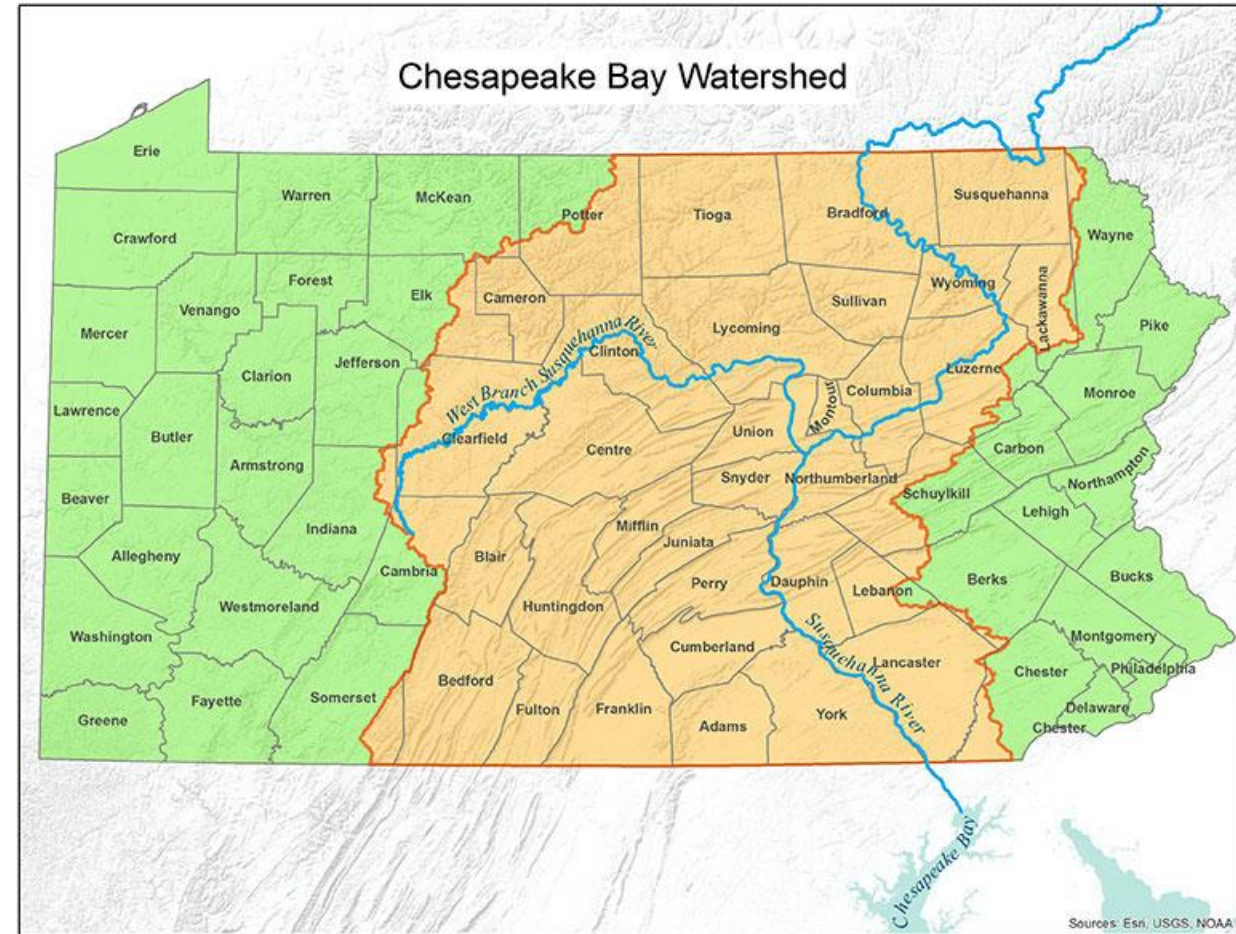
50% of the state

35% of the Chesapeake watershed

50% of the Bay's fresh water

43% of nitrogen

26% of phosphorus



## 40+ YEARS OF PARTNERSHIP

1976

EPA begins  
7-year  
watershed  
study

1980

Chesapeake  
Bay  
Commission  
established

1983

Bay Program  
established  
First Bay  
Agreement

1987

Second Bay  
Agreement

2000

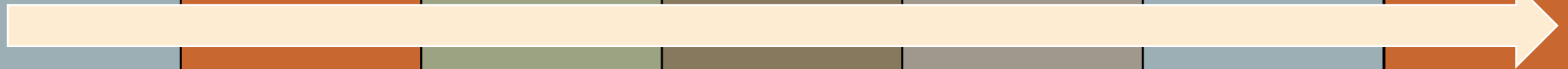
Chesapeake  
2000  
Agreement

2010

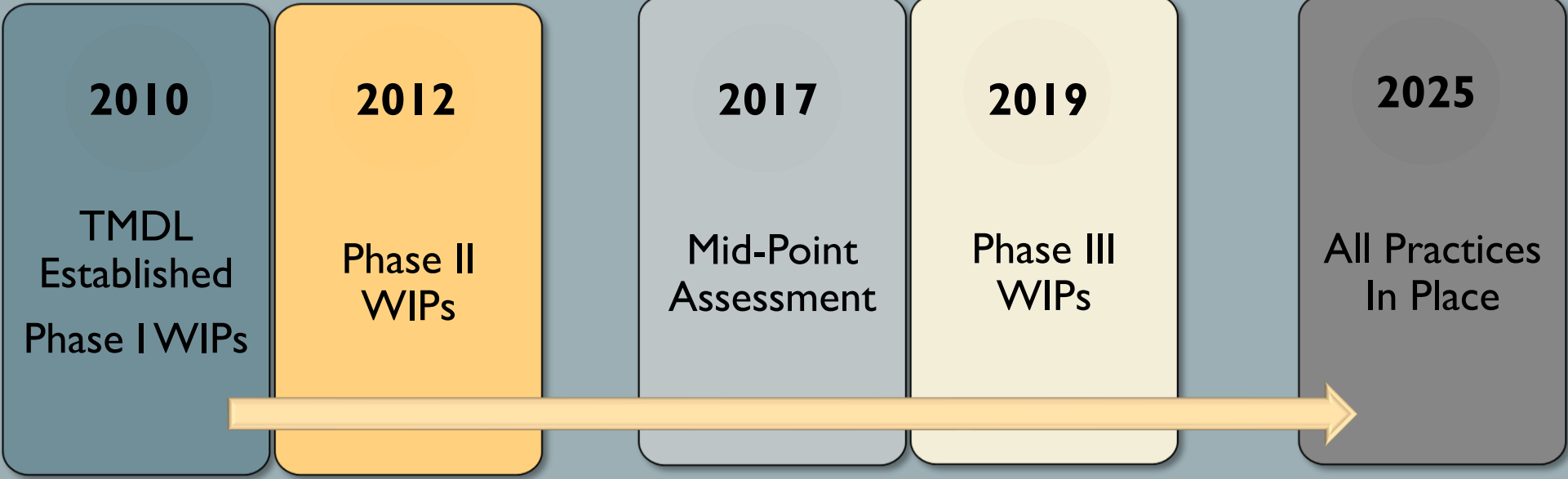
TMDL

2014

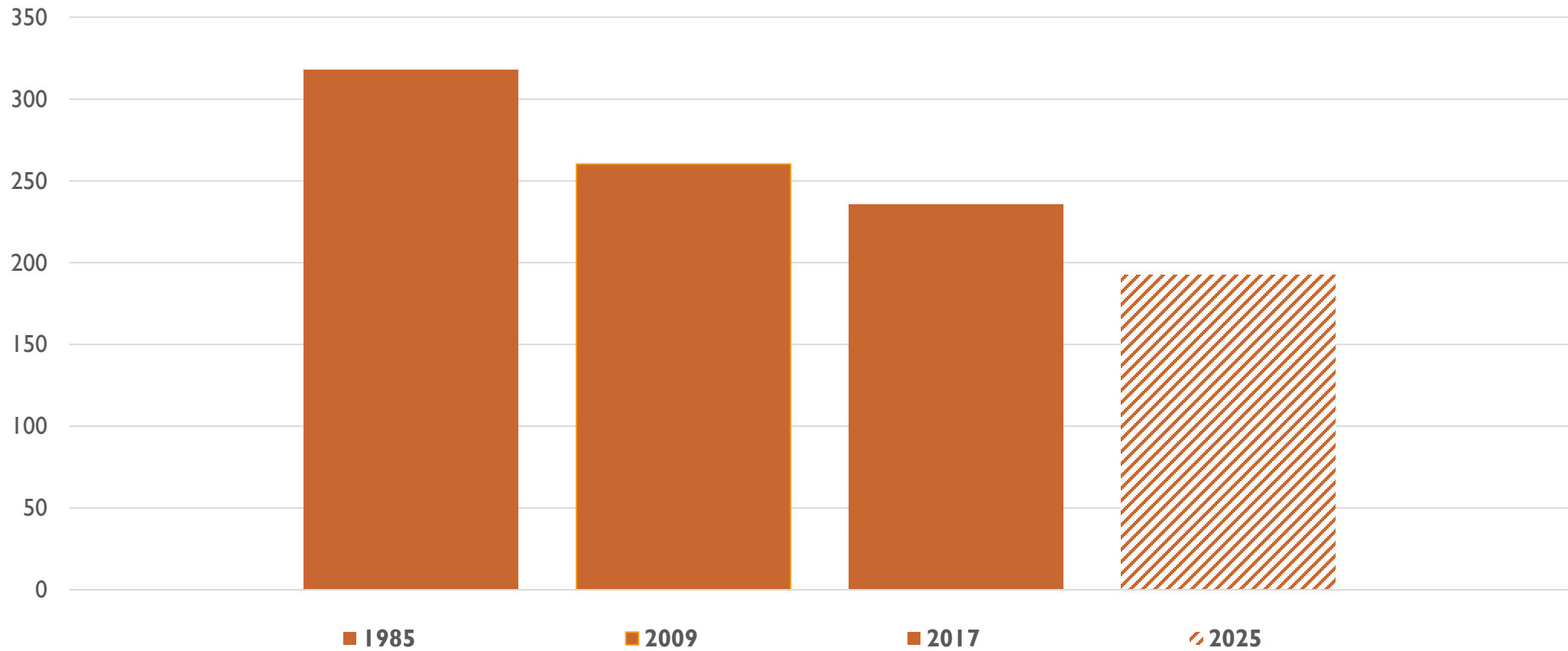
Chesapeake  
Watershed  
Agreement



# TMDL TIMELINE

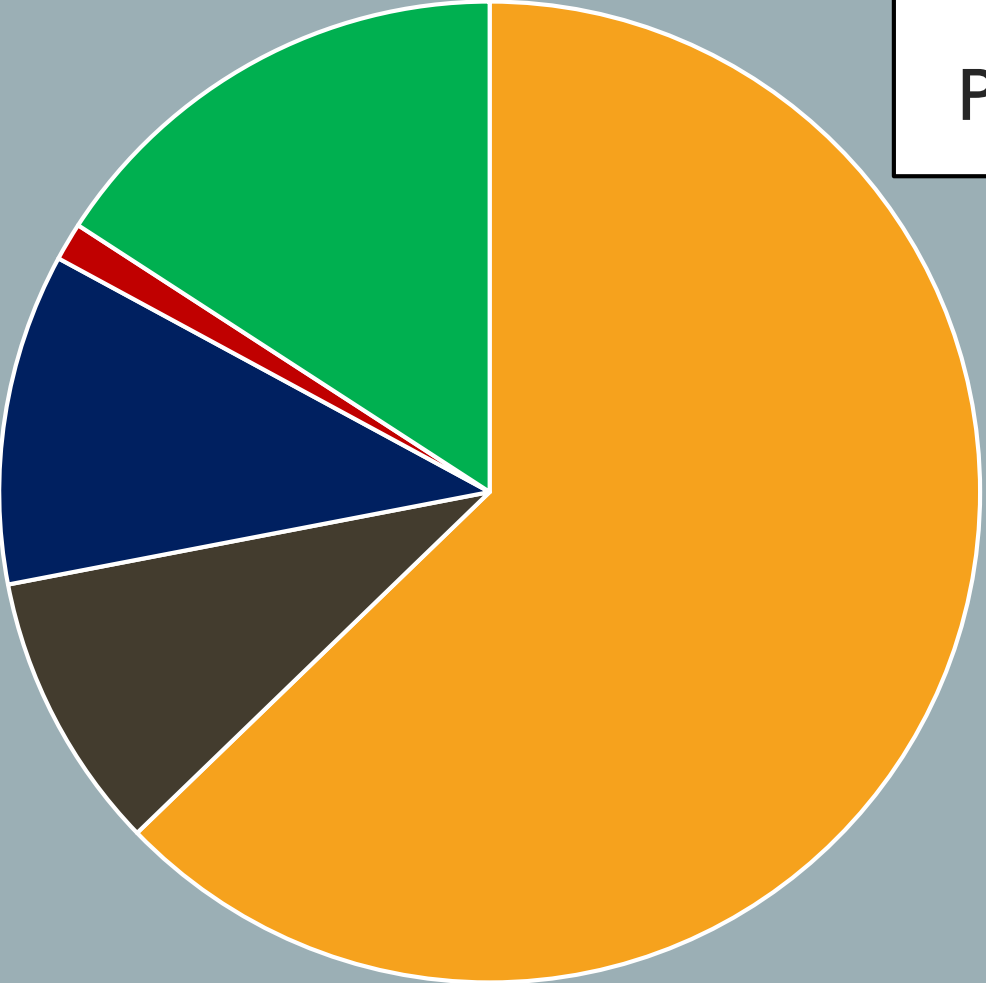


## Watershed Loads to Chesapeake Bay (million pounds of N)



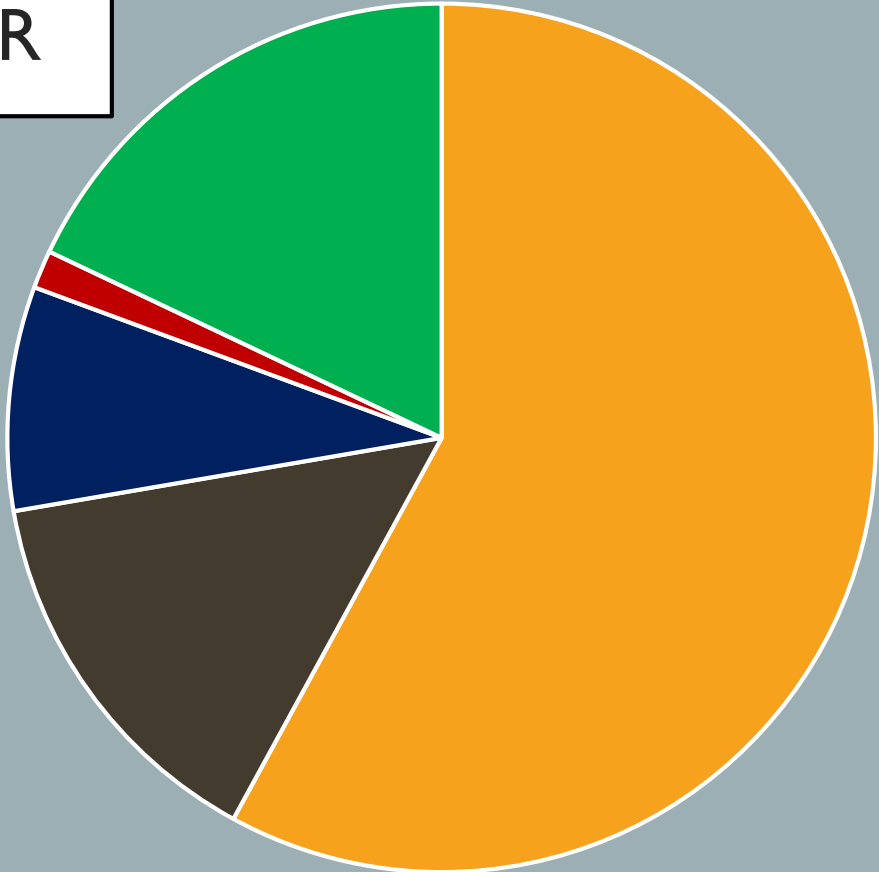
PENNSYLVANIA'S  
PROGRESS SO FAR

1985



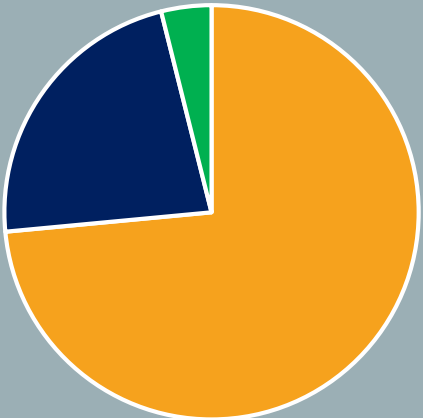
122.0 M lbs.

2018



107.4 M lbs.

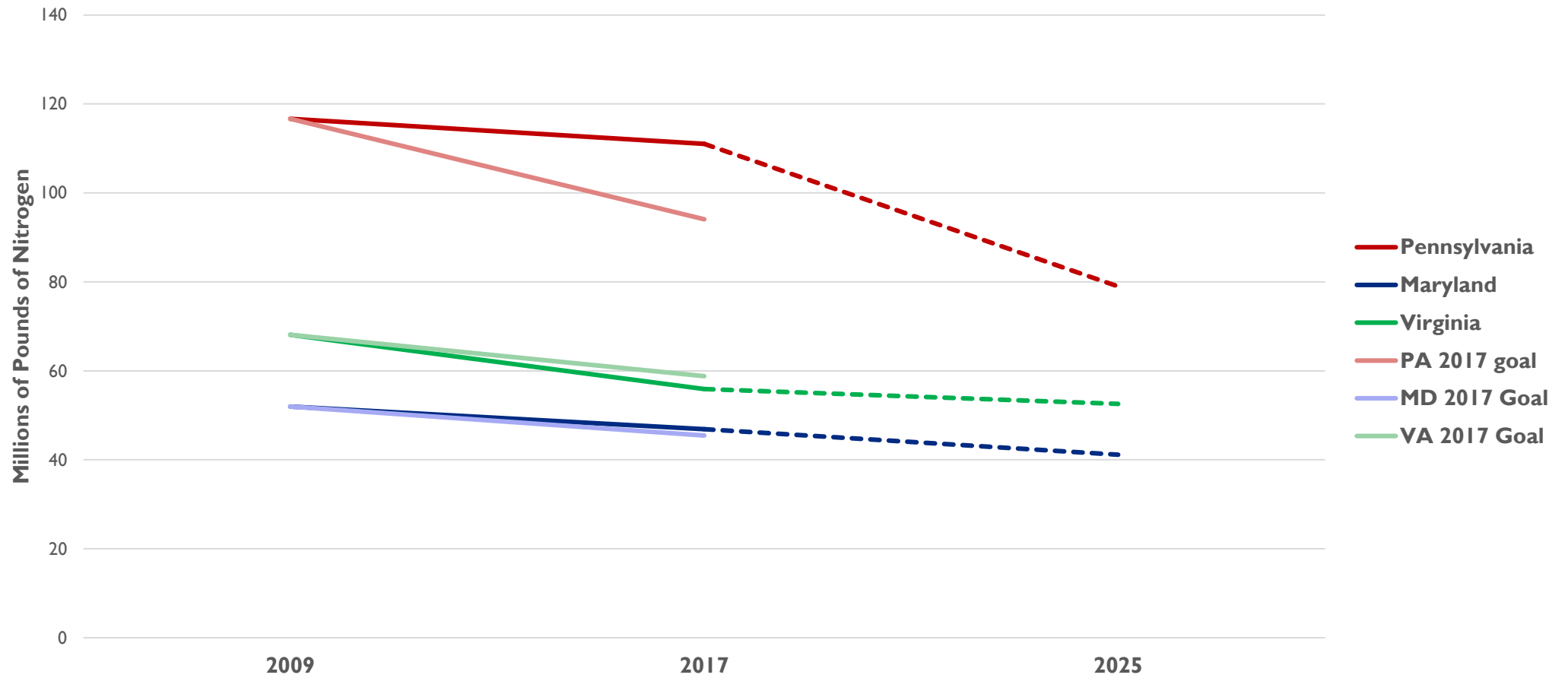
Reductions



14.6 M lbs.

■ Agriculture ■ Developed ■ Wastewater ■ Septic ■ Natural

# WIP Progress







**17 million pounds**  
**\$187 million annually**

## PHASE 3 RECOMMENDATIONS - AG

Compliance with Existing Regulations

Soil Health

Nutrient Management

Manure Storage

Dairy Feed Management

Grass Buffers

Systems for Excess Manure



Total Need: \$521 M Annually  
**GAP: \$324 M ANNUALLY**

**NEW  
DEDICATED  
WATER FUND**

**PHASE 3 RECOMMENDATIONS  
- LEGISLATIVE**

New Dedicated Water Fund

Establish a Nutrient Procurement Program (SB 575)

Enact the Fertilizer Bill

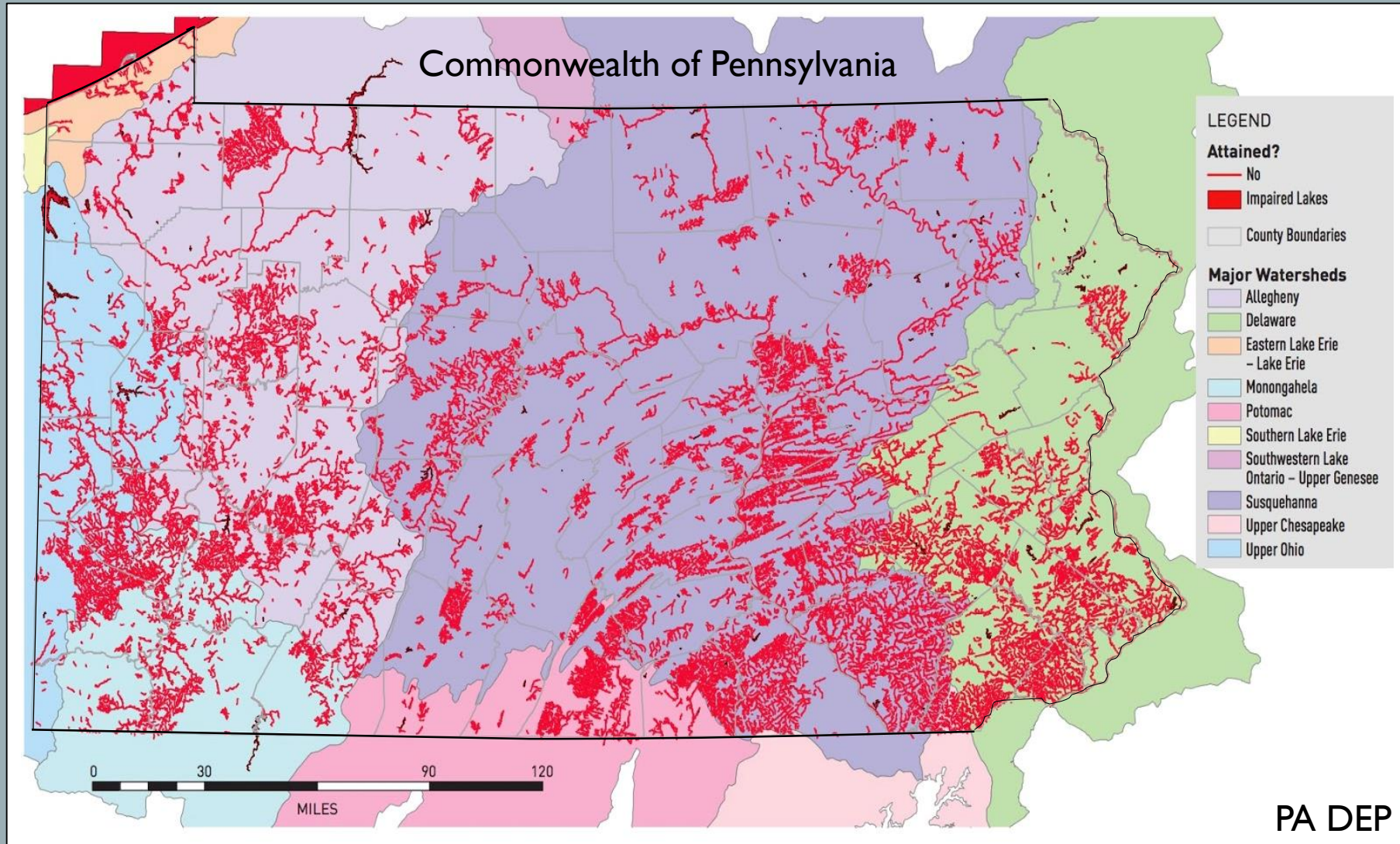
Remove prohibition against stream fencing in Clean Streams Law

Amend Right-to-Know to protect farmer information

Restore Act 167 Funding

Revise Local Procurement Limits to Facilitate P3s

# A Statewide Problem Needs a Statewide Solution



THANK YOU

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