

Quarterly Progress Meeting - February 2018



Chesapeake Bay Program
Science. Restoration. Partnership.

Environmental Literacy Policy and Metrics

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Education Workgroup Chair*

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



Goal: *Environmental Literacy*

Outcome:

Each participating Bay jurisdiction should develop a comprehensive and systemic approach to environmental literacy for all students in the region that includes policies, practices and voluntary metrics that support the environmental literacy Goals and Outcomes of this Agreement.



What We Want



- Approve revised language for Education Directive at next MB mtg; Advance to PSC for 2018 Executive Council Agenda
- Provide inventory of existing state/federal funding that could advance MWEE implementation

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Setting the Stage:

What are our assumptions?



Logic Behind Our Outcome

Following the Decision Framework:

Factors Influencing

State-level leadership/advocacy
School district support
Education Reform
Funding
Culture disconnected from Nature



Logic Behind Our Outcome

Following the Decision Framework:

Factors Influencing

State-level leadership/advocacy

High level support for environmental literacy that flows from administrations to school districts.

Funding

Major limiting for transportation, projects, and teacher professional development.



Logic Behind Our Outcome

Current Efforts and Gaps

	Envi Literacy Plan	State Working Group	Dedicated DOE staff	>50% response	Dedicated funding
DC	✓	✓	✓	✓	✓
DE	✓	✓			
PA	✓	✓	✓		✓
MD	✓	✓	✓	✓	✓
VA		✓	✓	✓	



Logic Behind Our Outcome

Following the Decision Framework:

Management Approaches

- Support development and implementation of clearly-defined and attainable state objectives
- Collect data using the Environmental Literacy Indicator Tool (ELIT) survey
- Maintain state workgroups to support CBP Education Workgroup
- Identify and advocate for local & state resources

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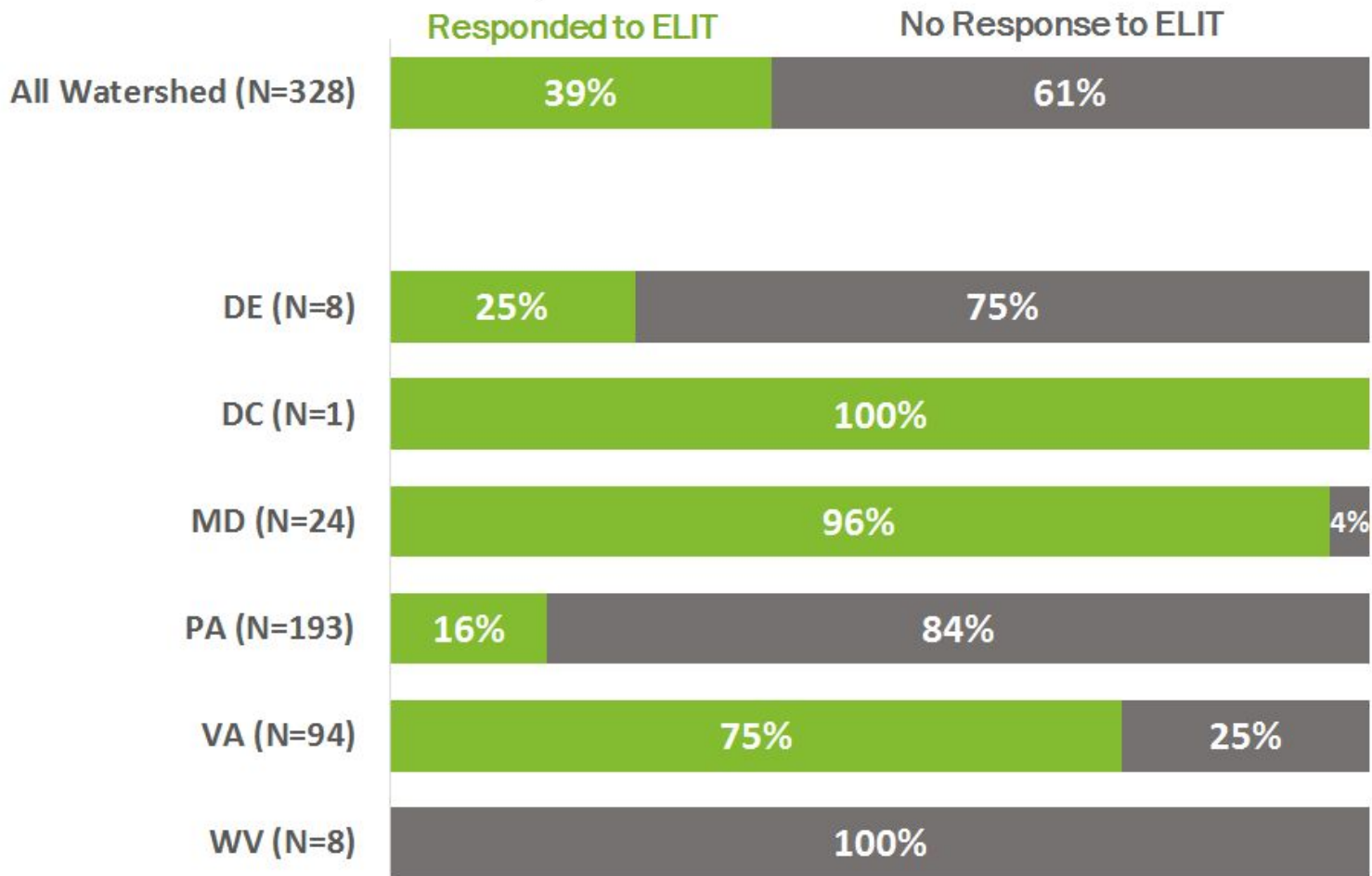
Progress:

Are we doing what we said we would do?



Environmental Literacy Indicator Tool

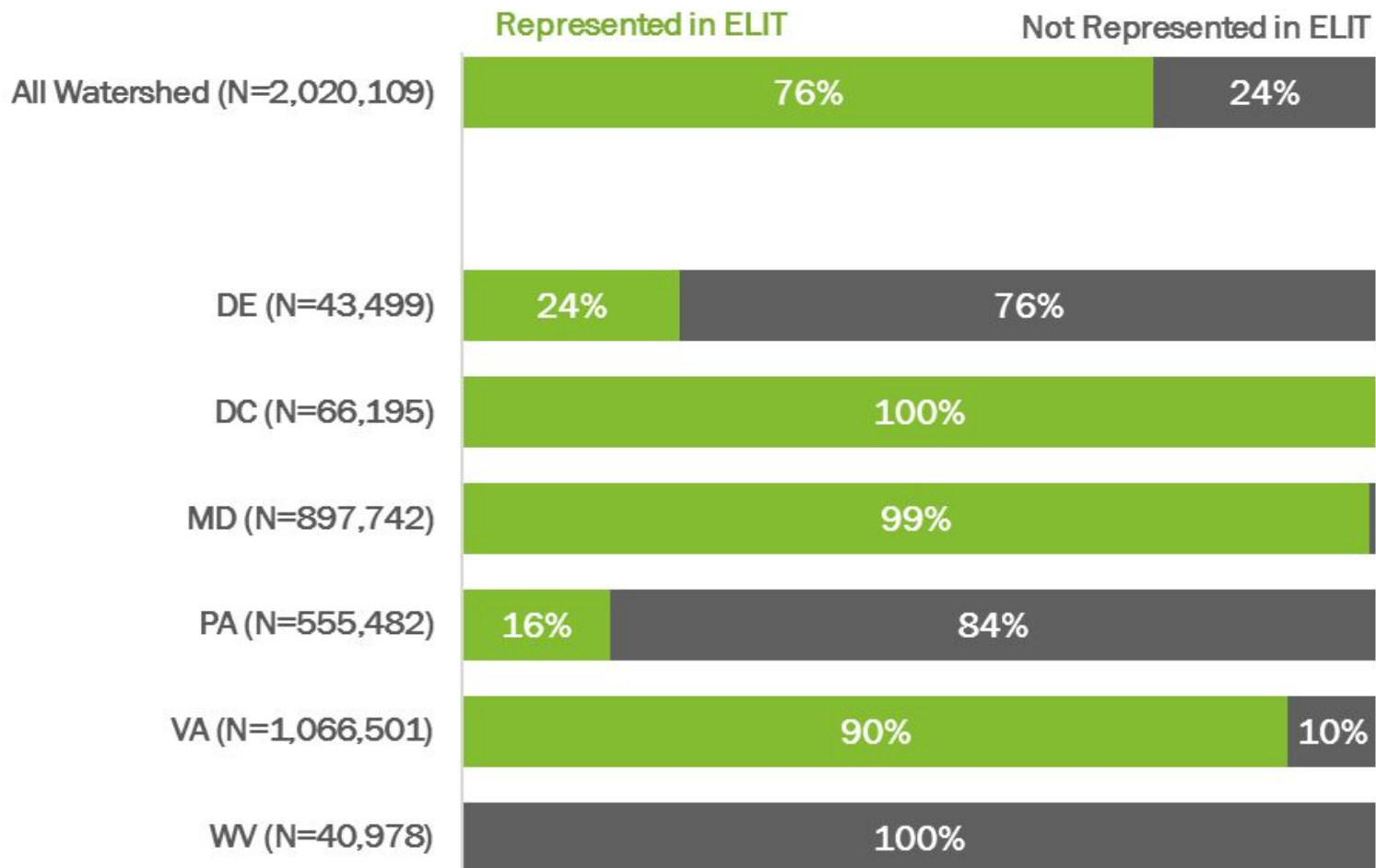
ELIT Response Rate: % of LEAs





Environmental Literacy Indicator Tool

ELIT Response Rate: % of Enrolled Students within LEAs





What is our Progress?

EE Leader

Community Partners

Plan for MWEEs

Good communication

Teacher training

Integrated

curriculum

All Watershed (n=127)

Well Prepared

Somewhat Prepared

Not Prepared

23%

57%

20%

DE (n=2)

100%

DC (n=1)

100%

MD (n=23)

61%

39%

PA (n=31)

52%

48%

VA (n=70)

21%

64%

14%



Are we on track?



- No specific target identified
- From 2015 to 2017:
 - “Somewhat prepared” increased from 51% to 57%
 - “Not prepared” decreased from 31% to 20%



Analysis

Critical actions to date:

- **ELIT Survey**: Raised awareness and drove accountability
- **Regional Collaboration**: Shared best practices and lessons learned on collective impact
- **School district outreach**: Provided technical assistance on MWEE integration

Critical actions moving forward:

- Better engagement of **State Superintendents of Education**
- + everything listed above

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Challenges:

Are our actions having the expected effect?



Challenges



- **Low priority of Environmental Literacy:** Competing priorities means priority of environmental literacy at State Depts of Education fluctuates with changes in Superintendents and management
- **Lack of state interagency coordination:** Existing capacity not being leveraged to advance EL outcomes
- **Low participation in ELIT survey:** Limited understanding of how to support EL efforts in some states

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Adaptations:

How should we adapt?



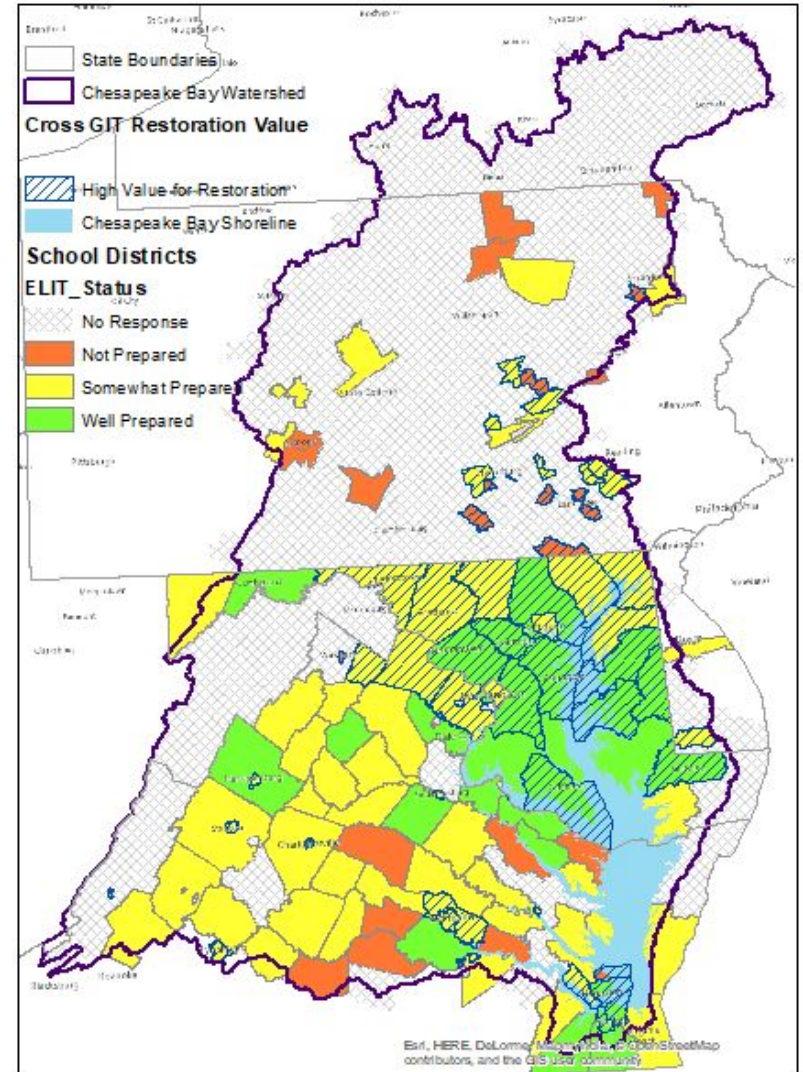
Based on what we've learned, we plan to...

- Reduce number of Management Approaches and Actions
- Continue to request high level support within State Depts of Education
- Work towards State multi-agency “Collective Impact” efforts
- Encourage return of ELIT surveys to better understand school district needs



Well-prepared school districts with highest restoration value

Well-prepared school districts with highest restoration value





What We Want



- Approve revised language for **Education Directive** at next MB mtg; advance to PSC for 2018 Executive Council Agenda
 - *Adds state education secretaries as formal members of the PSC*
 - *Focuses PSC agenda on formal education at least once every 2 years*
 - *Maintains interagency state workgroups*
- Provide **inventory of existing state/federal funding** that could advance MWEE implementation
 - *State CBIG awards*
 - *Fines/penalties*
 - *US ED funding (Title II, Title IV)*
 - *Other agencies: transportation, health, etc.*

Discussion