



CHESAPEAKE
PROGRESS

Update on the Revised Wetlands Indicator

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Chesapeake Bay Program
Science. Restoration. Partnership.

Update on the Revised Wetlands Indicator

1. The Indicators Framework
2. Indicators and their use in adaptive management toward our outcomes
3. Why the indicator was changed
4. New indicator methodology
5. New Indicator data and trends

Indicators

A summary measure that provides information on the state of, or change in, the system that is being measured.

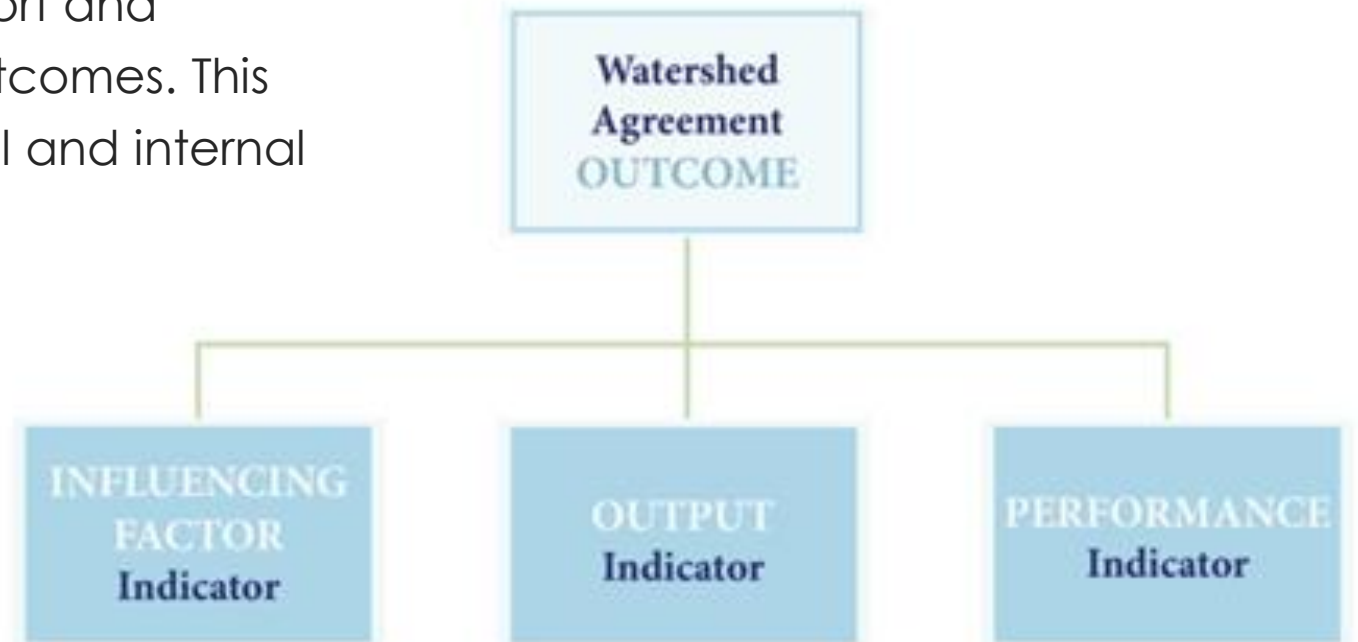
Performance – Are we achieving the outcome?

Outputs – Are we doing what we said we would do in our Logic & Action Plans and Management Strategies?

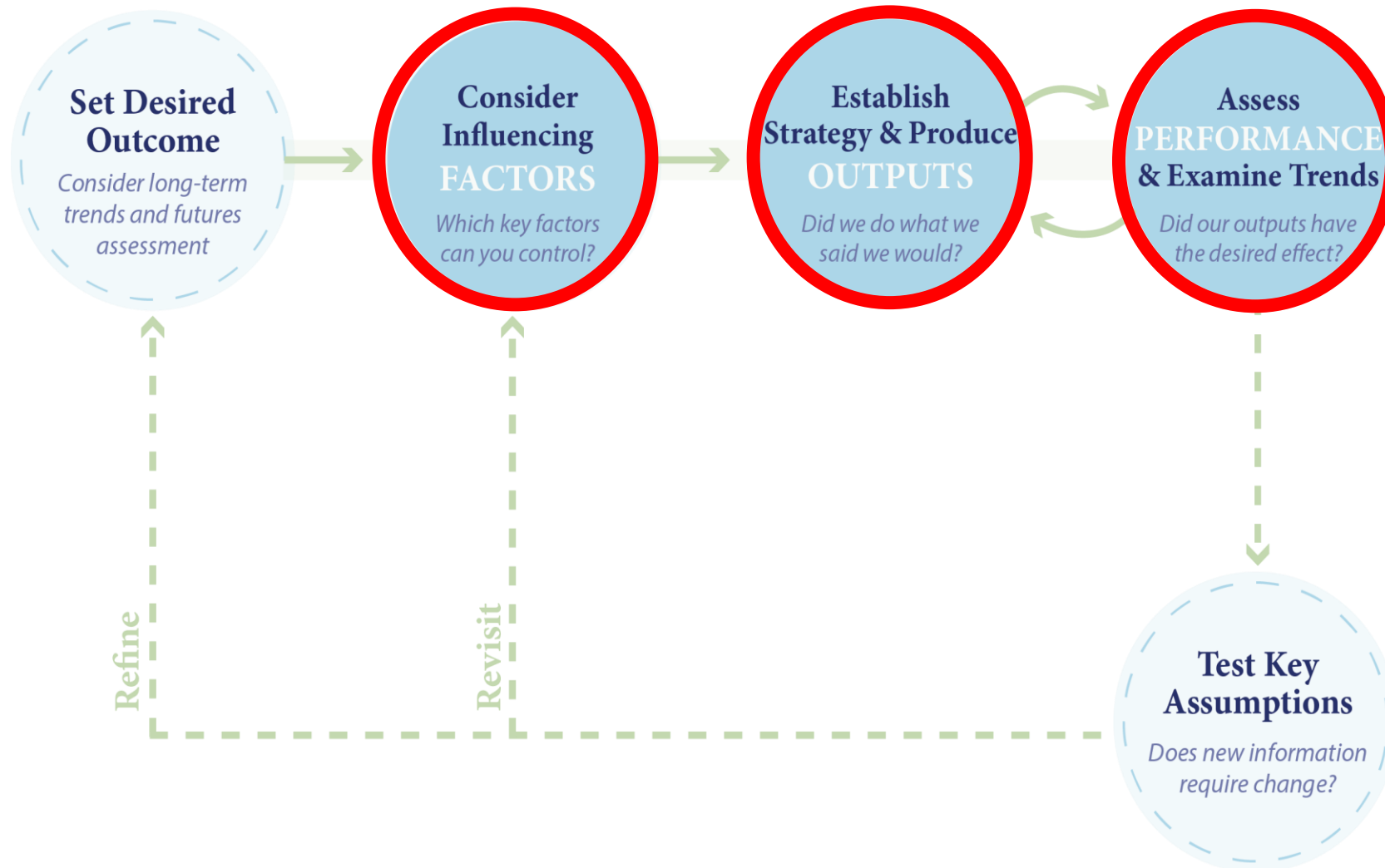
Influencing Factors – What KEY influencing factors are impacting the achievement of an outcome?

The Indicators Framework

The [Indicators Framework](#) is a conceptual model that demonstrates the relationships between indicators and describes how they will be used. The Framework is aligned with the Agreement at the Outcome level and includes the information needed to support and communicate progress towards these outcomes. This model is a mechanism to support external and internal communication.



Indicators and Adaptive Management (SRS Process)



Why the previous indicator needed revision

- Reported via NEIN for crediting as BMPs
- Did not incorporate enhanced wetlands, which are part of the outcome
- Did not report wetlands unrelated to water quality implementation
- Overall, incomplete

New Indicator Methodology

- Reported by jurisdictions using new Habitat Tracker database
- This additional submission means delayed data acquisition from DC and DE
- Includes land cover, nontidal/tidal, enhanced/created, and black duck habitat
- Requires HUC-level data reporting to be counted
- Missing some data from PA as a result

Wetlands

Continually increase the capacity of wetlands to provide water quality and habitat benefits throughout the watershed. Create or reestablish 85,000 acres of tidal and non-tidal wetlands and enhance function of an additional 150,000 acres of degraded wetlands by 2025. These activities may occur in any land use (including urban), but primarily occur in agricultural or natural landscapes.

*Still expecting additional data from DE

 RECENT PROGRESS
INCREASE (2023)

 OUTLOOK
OFF COURSE

Between 2014 and 2022, 8.16% of the creation/restoration goal and 41.77% of the enhancement goal has been achieved. The outlook toward achieving this outcome is off course because the outcome has a target date of 2025 and sufficient progress has not been made since 2014 to indicate completion of this goal within the next two years.

Acres Gained (Cumulative)*	
DC	0
DE	6
MD	6126.676
NY	74.72
PA	348.196
VA	378.1
WV	1.49
Total	6935.182

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Acres Enhanced (cumulative)*	
DC	0
DE	70
MD	39018.58
NY	272.77
PA	178.2
VA	23080.5
WV	41
Total	62661.05

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Wetlands Gains, Cumulative

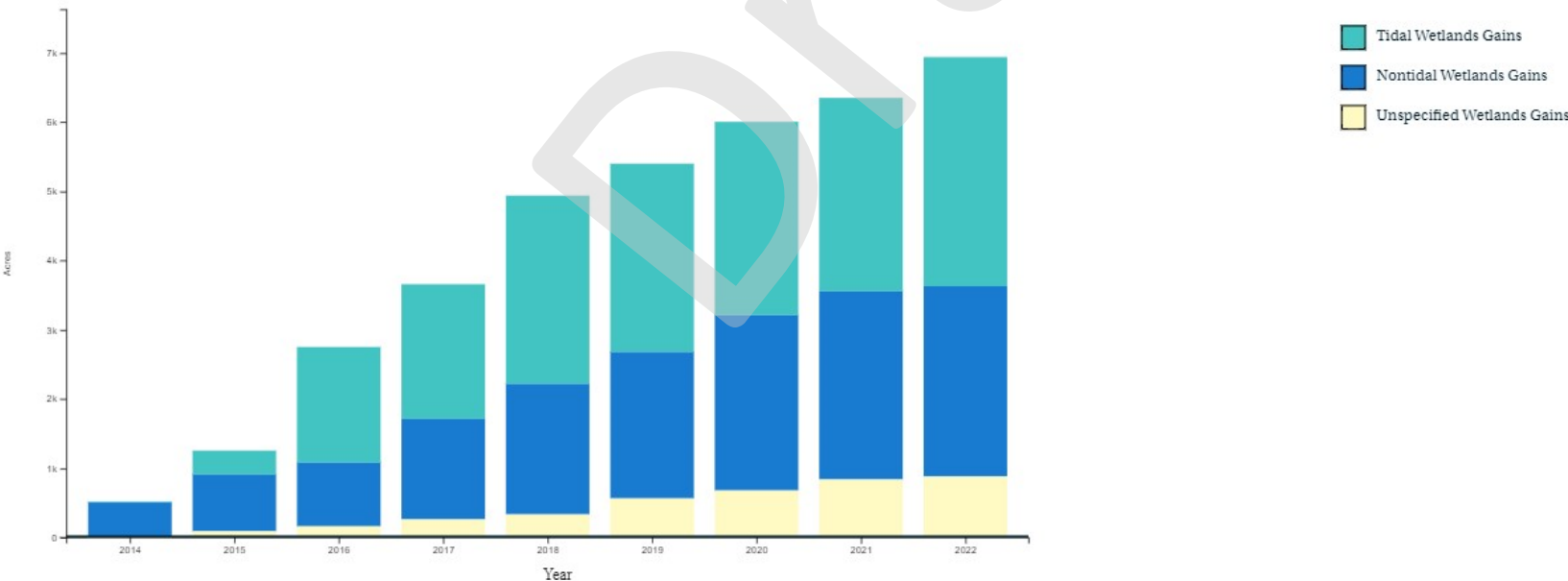
Wetlands gained are measured against the target to create or reestablish 85,000 acres of wetlands.

[VIEW CHART](#)

[VIEW TABLE](#)

Tidal/Nontidal

Land Use



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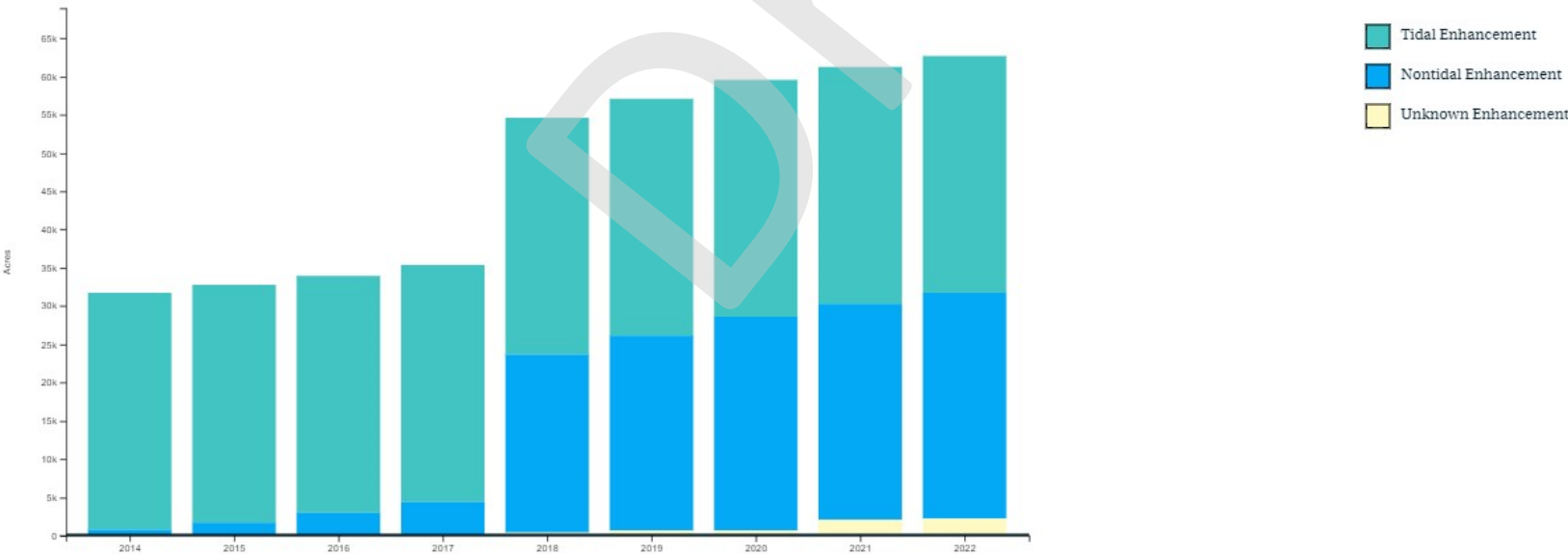
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Wetlands Enhancements, Cumulative

Wetlands enhancements are measured against the target to enhance 150,000 acres of wetland

[VIEW CHART](#) [VIEW TABLE](#)

Tidal/Nontidal Land Use



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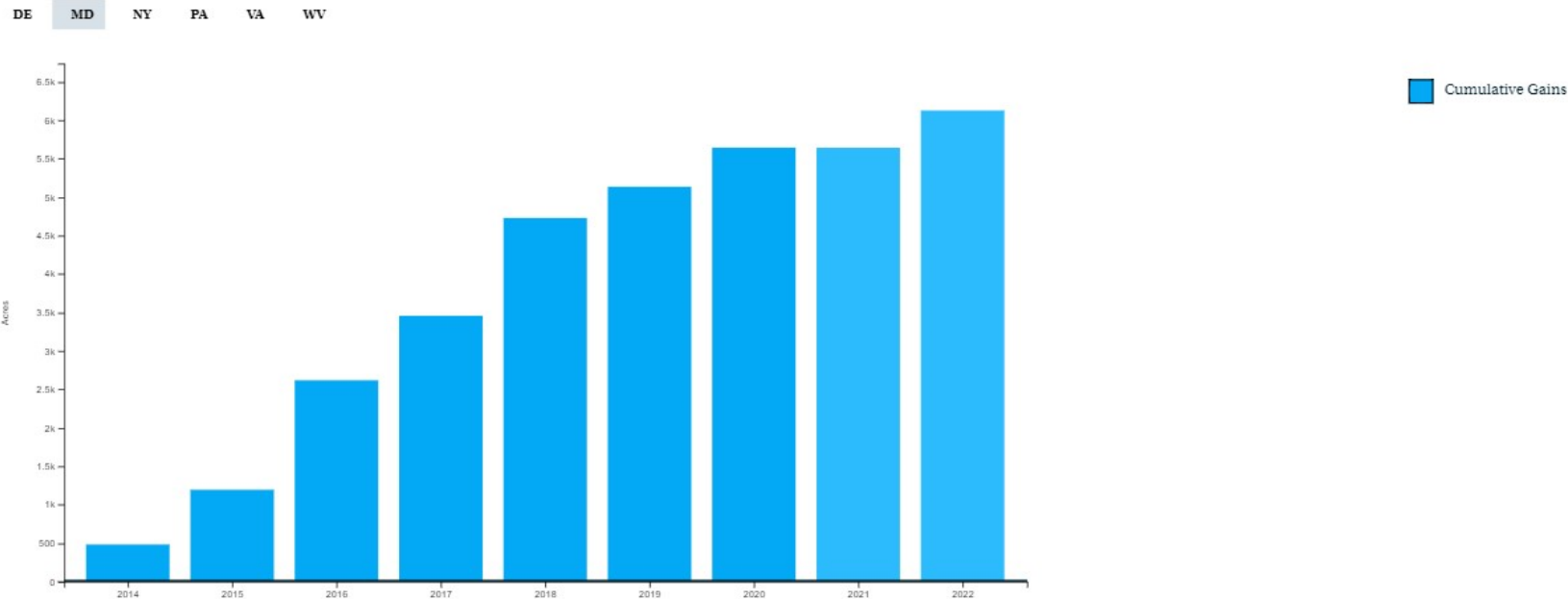
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Wetlands Gains by Jurisdiction, Cumulative

[VIEW CHART](#) [VIEW TABLE](#)



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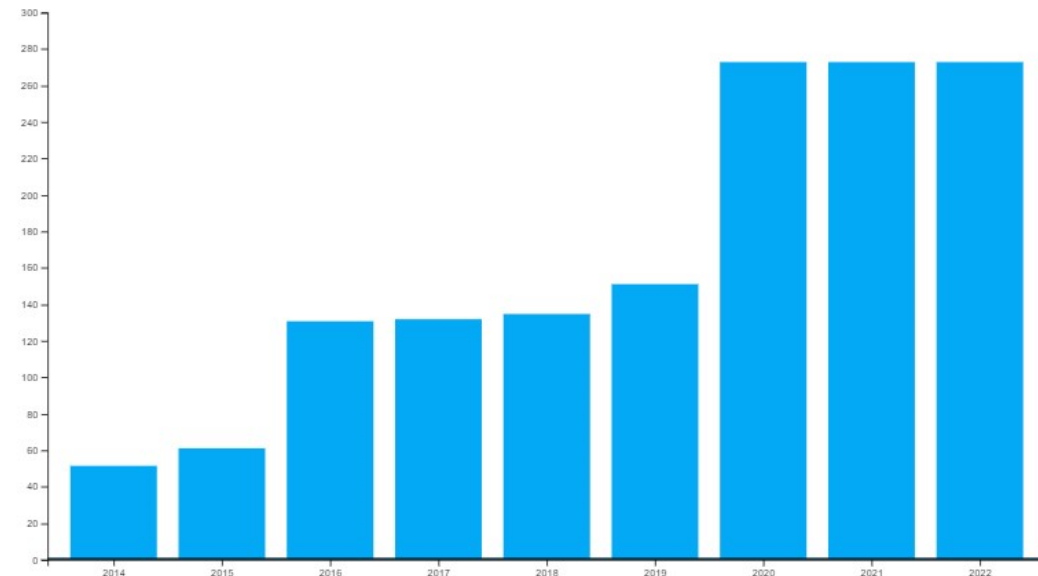
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Wetlands Enhancement by Jurisdiction, Cumulative

[VIEW CHART](#) [VIEW TABLE](#)

DE MD NY PA VA WV





Questions?