

Yield data and Crop types

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Outline: [CAST Documentation](#) section 3.3

How are yield data used?

What do yield data need to have?

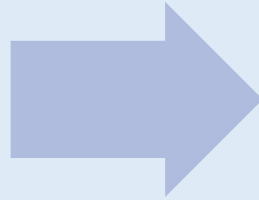
How can we improve?

Next steps

How are yield data used?

Calculate application goals

- Biosolid and manure distribution at the county scale
- Fertilizer distribution across the watershed.
- N fixation



Calculate removal rates

- Used to determine nutrient loads (runoff)

What do yield data need to have?

Ability to inform fertilizer applications

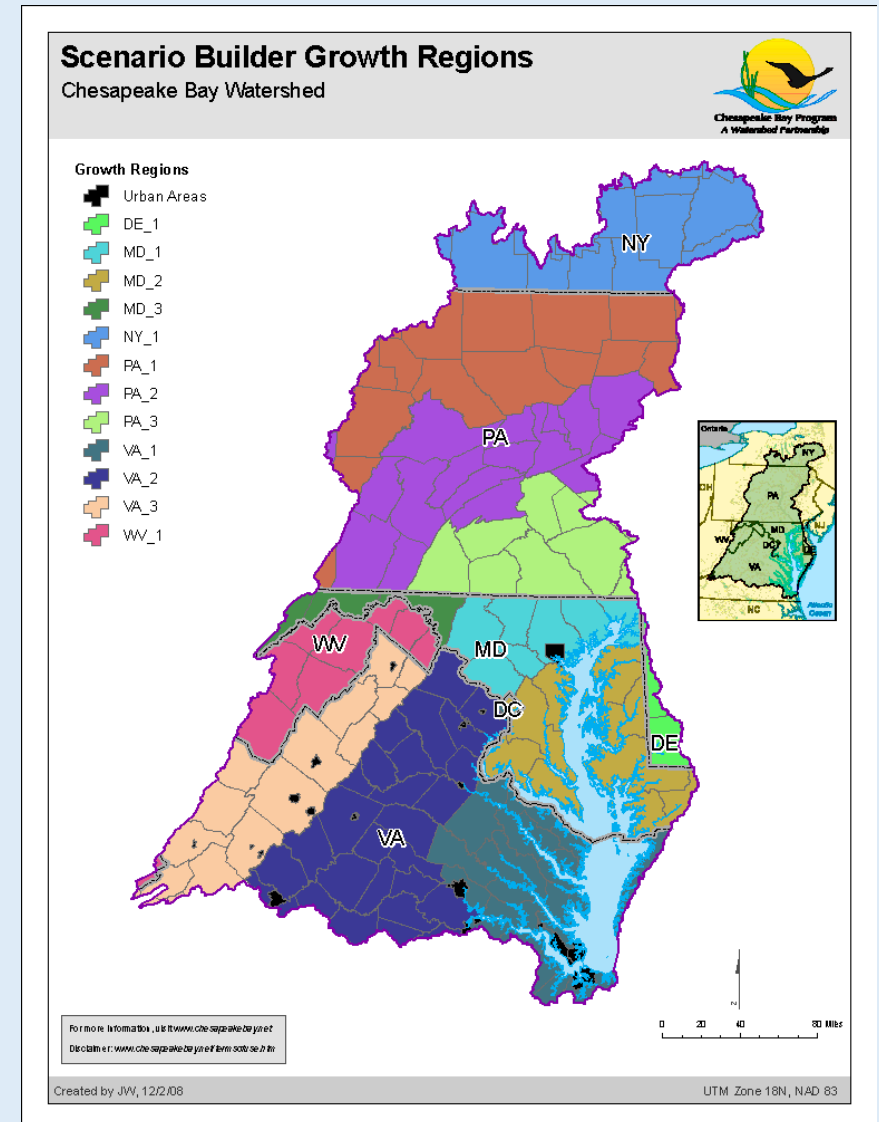
- Total yields for ALL crops

Complete record

- Consistent coverage
 - Crops and time

Average behavior

- Within regions
- Not influenced by weather
- Change across time



How can we improve?

Change data sets:

Additional data sets?

Statistical methods to
combine data sets?

Tracking crop change
over time:

Change crop yields
over time?

Next steps

Discuss:

- Potential data changes
- New ways to track change over time

Related topics for later discussion:

- Aggregation of crop types

Question?