Center for Public Health Systems Science
GEORGE WARREN BROWN SCHOOL OF SOCIAL WORK
Washington University in St. Louis

Assessing the depth, breadth, and quality of community health programming

The Strength of Community Health Programming Index

Caren Bacon

AEA 2013 Annual Meeting

October 18, 2013

Presentation Overview

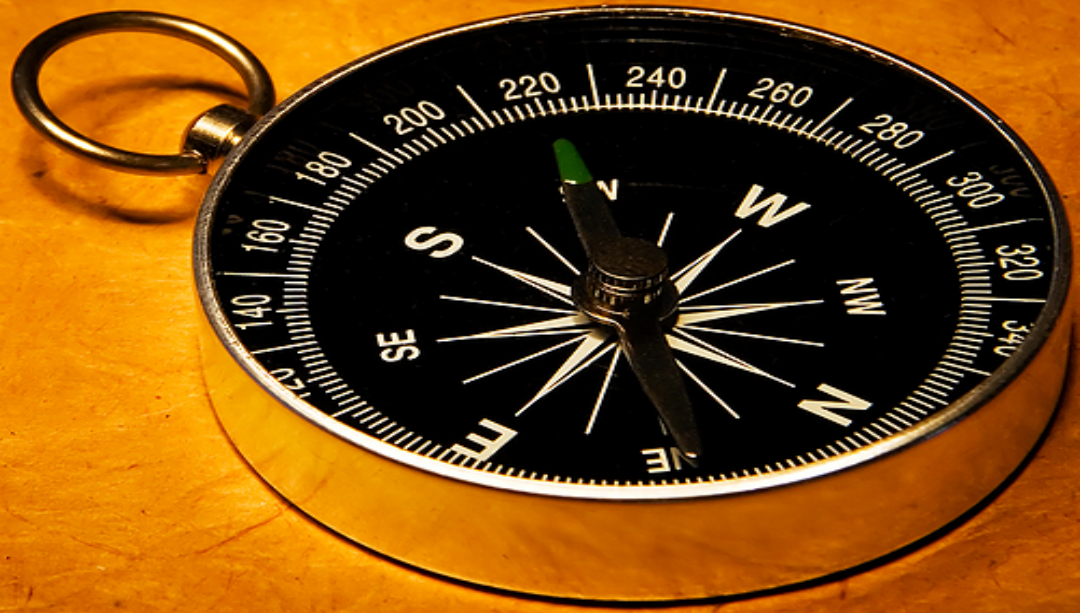
Introduction

Development

Preliminary Results

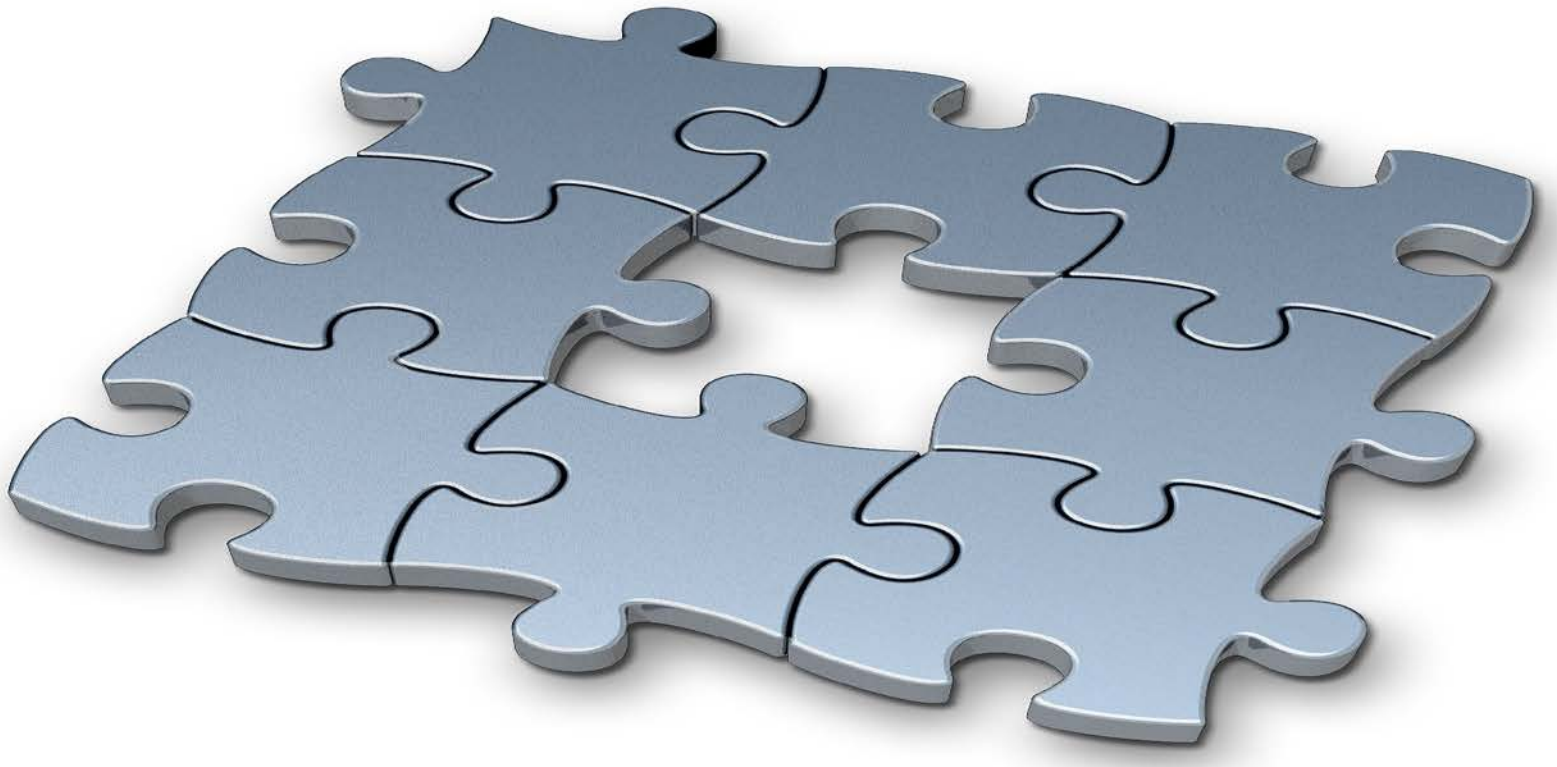
Next Steps

Future Use



Introduction

Tobacco Prevention and Cessation Initiative



Strategies

Tobacco Tax Increase

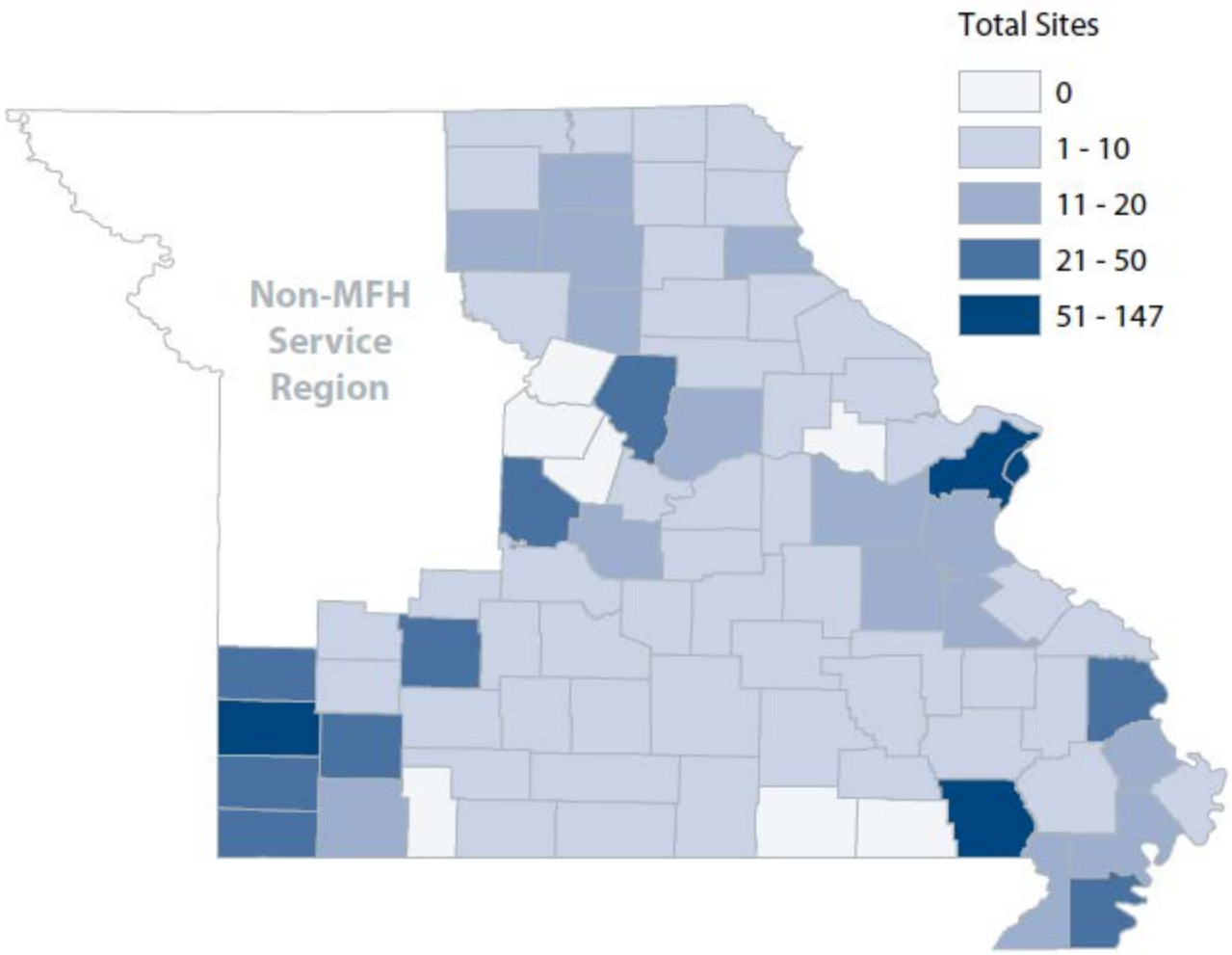
Community Grants

- In-person cessation
- Smokefree policies
- Youth education

Quitline Enhancement

Tobacco Policy Change

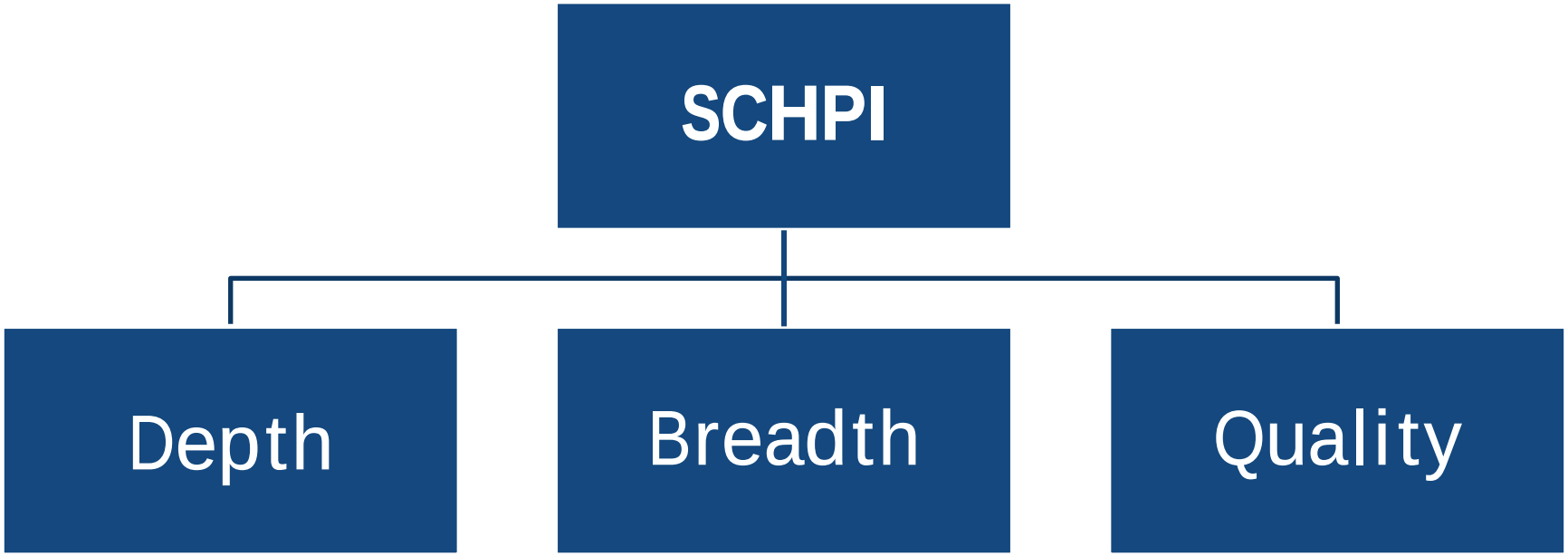
Grantee Sites



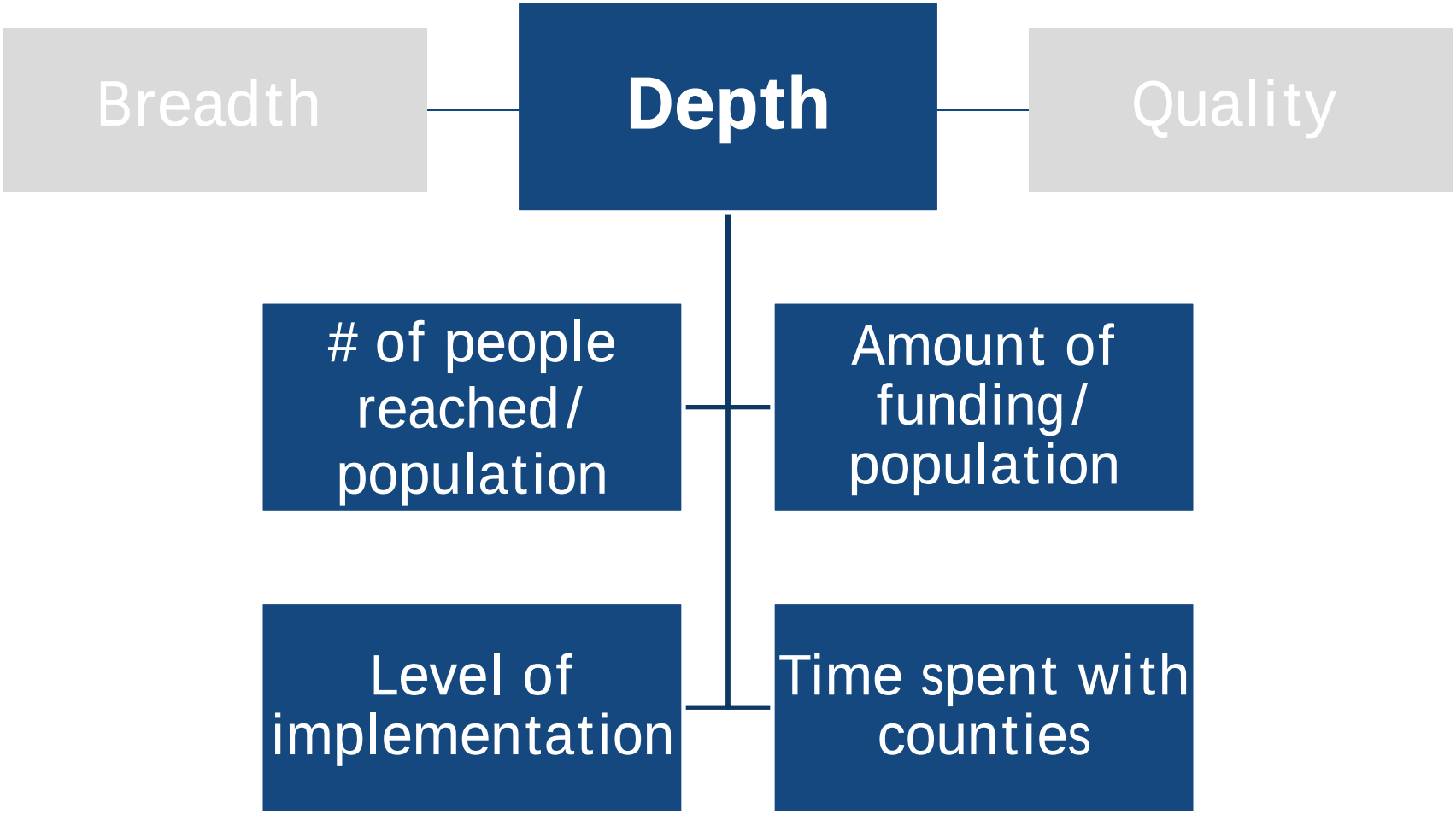
Evaluation

Development

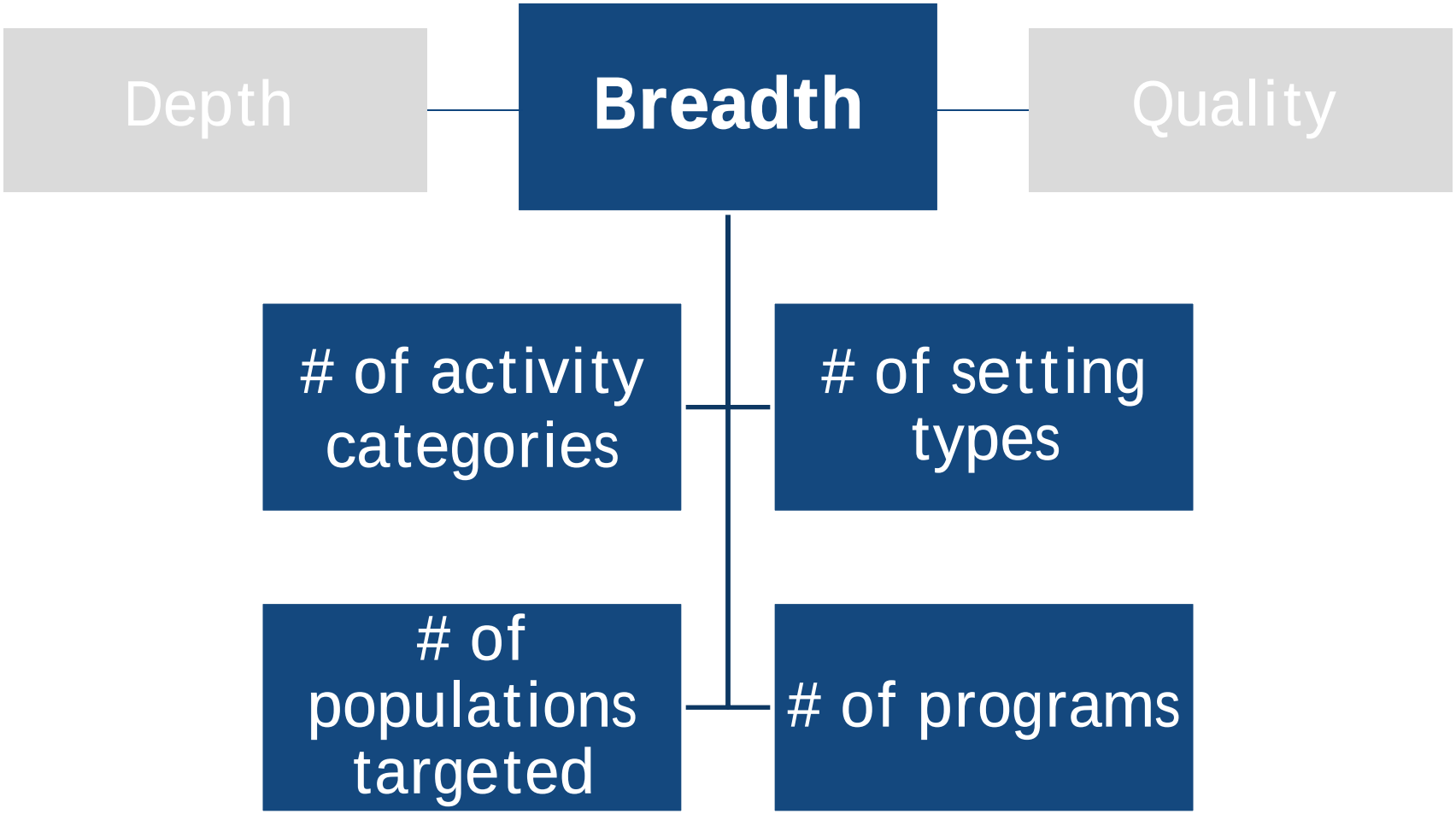
Strength of Community Health Programming Index



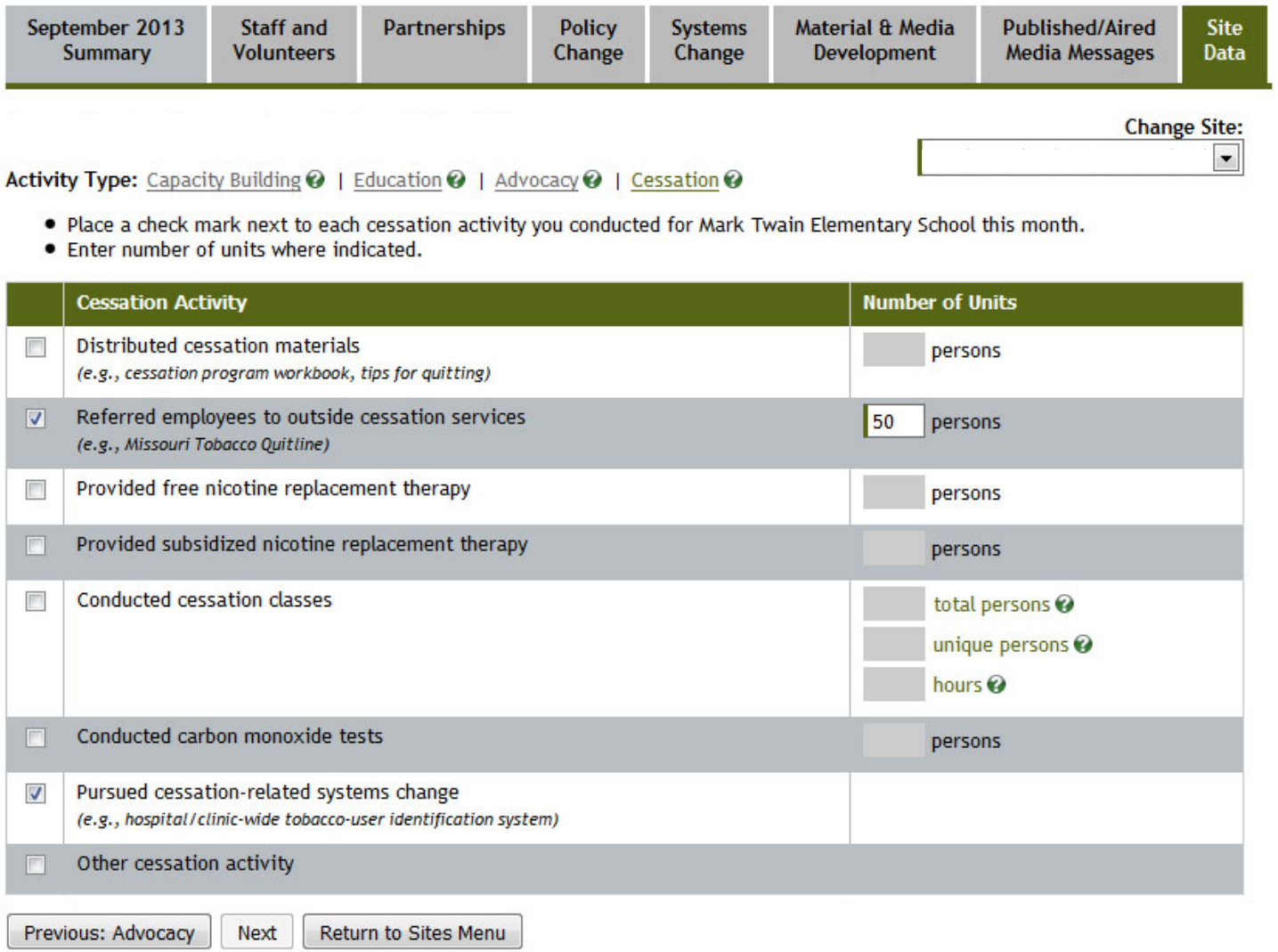
Depth Construct



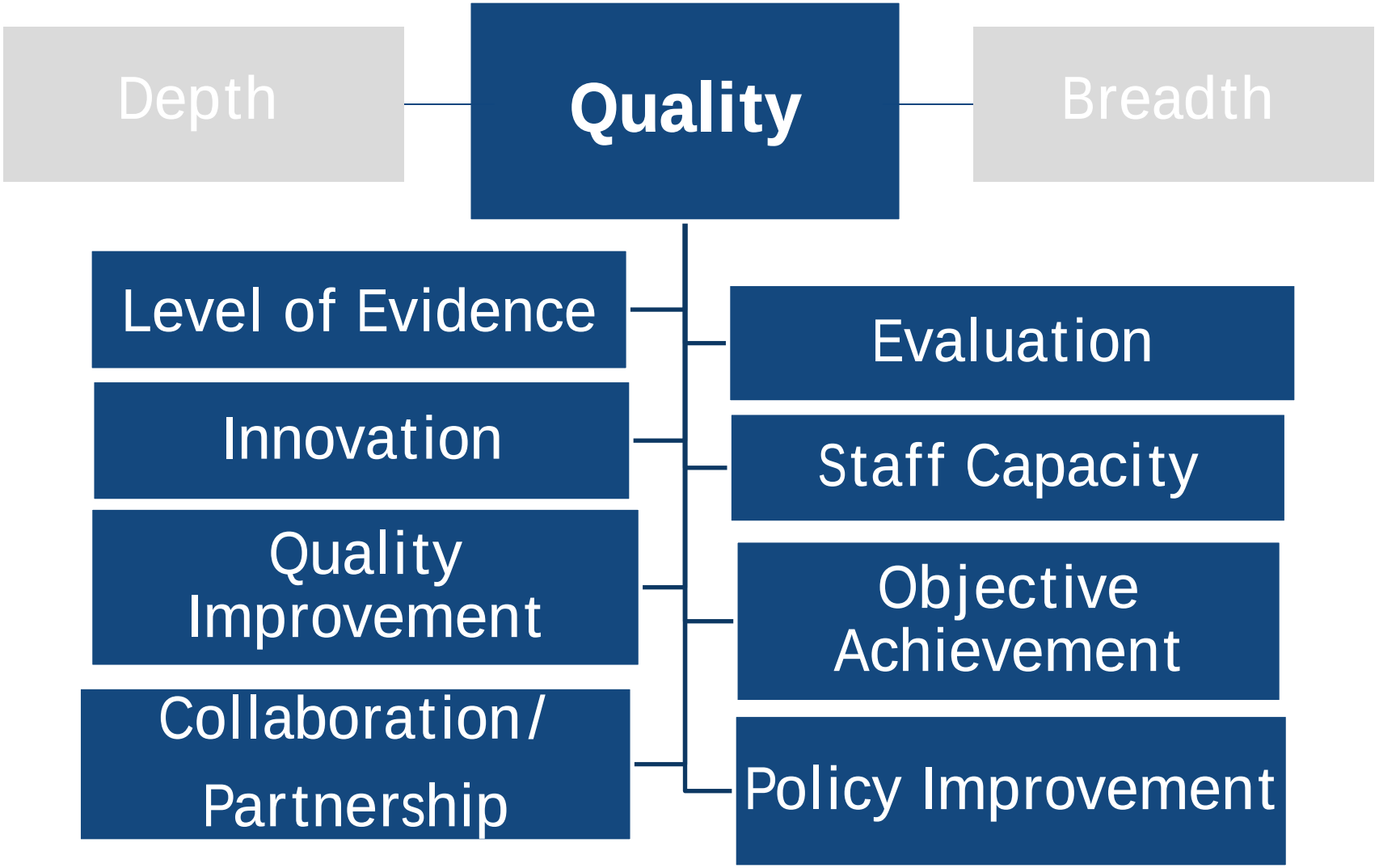
Breadth Construct



Scoring – Depth & Breadth



Quality Construct



Scoring - Quality

- Challenge of using retrospective data
- Use of grantee documents
- Introduction of subjectivity

Scoring - Quality

Preliminary Construct Scores

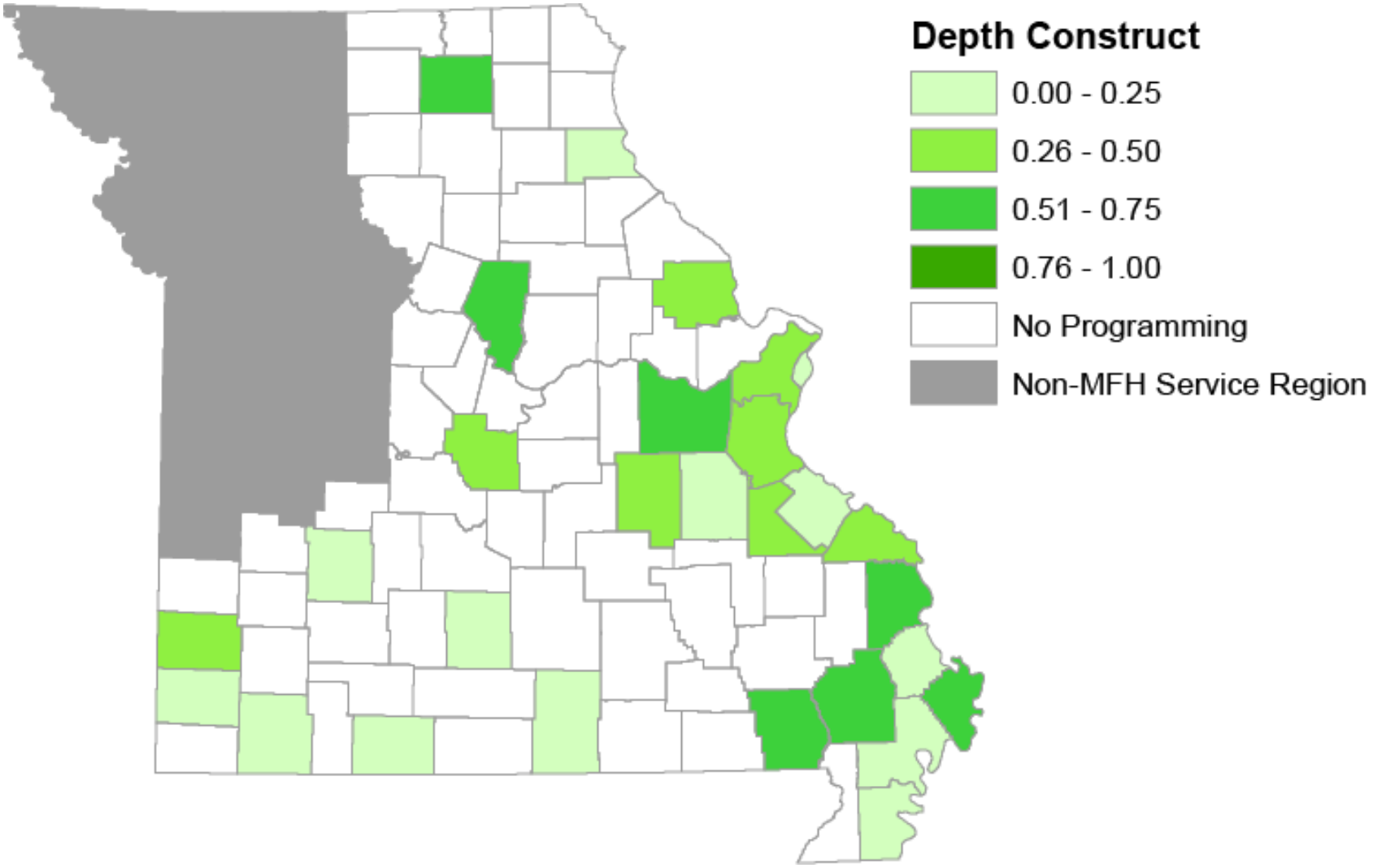
Construct Score Calculation

- Indicators were range standardized

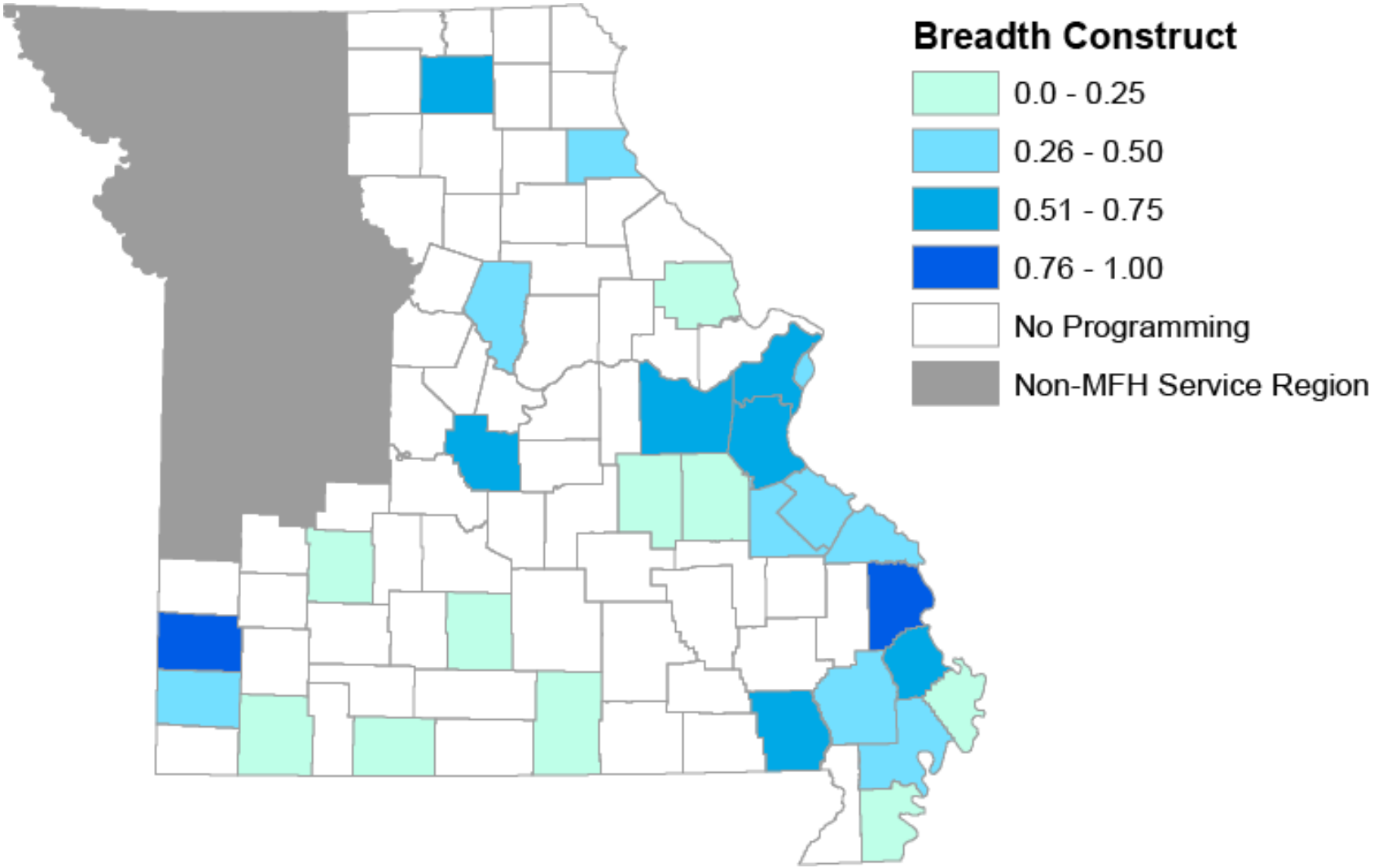
$$\text{Range standardized value} = (\text{Raw value} - \text{Indicator minimum}) / \text{Indicator range}$$

- All values are now on a scale of 0 to 1

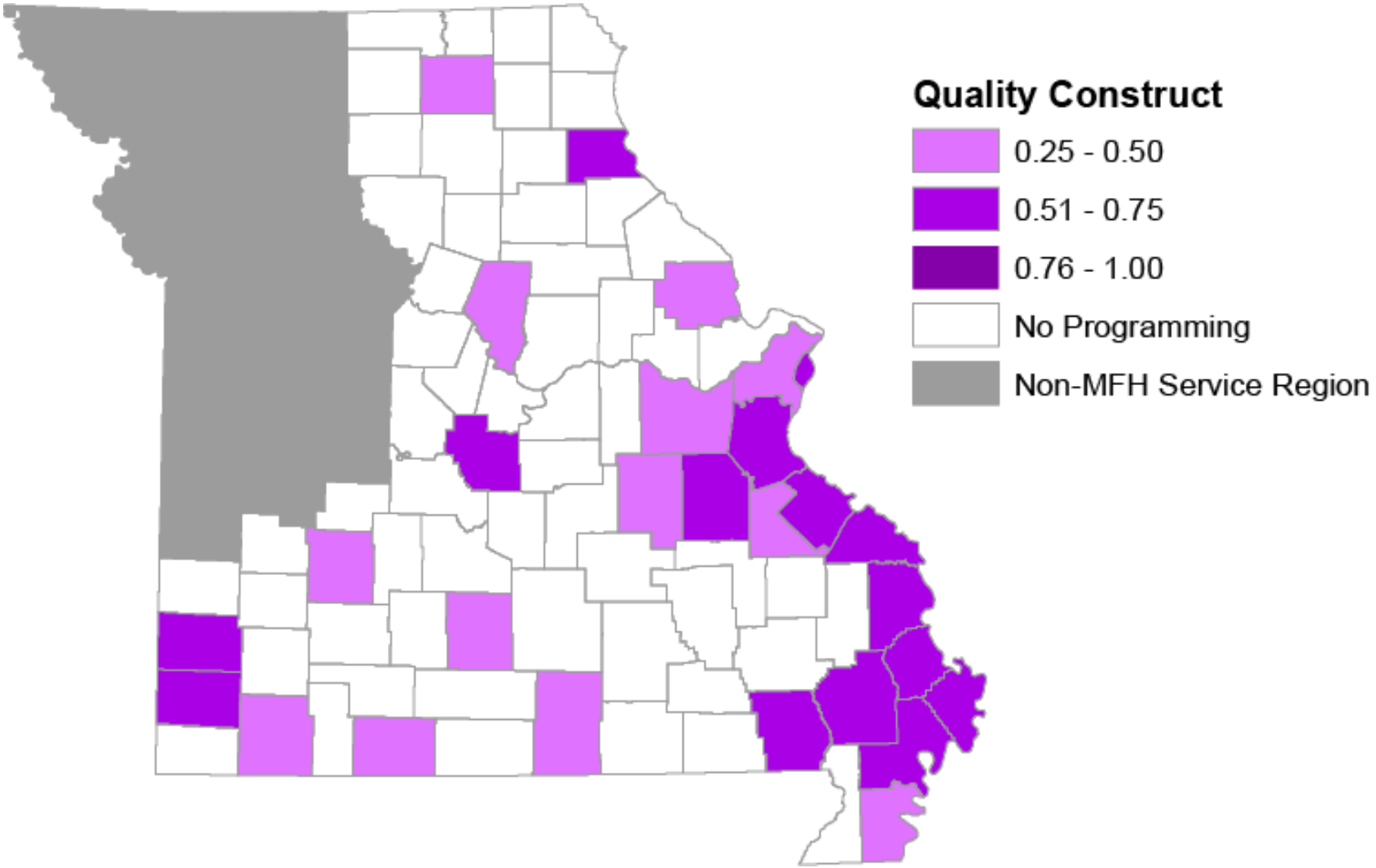
Preliminary Depth Construct Scores



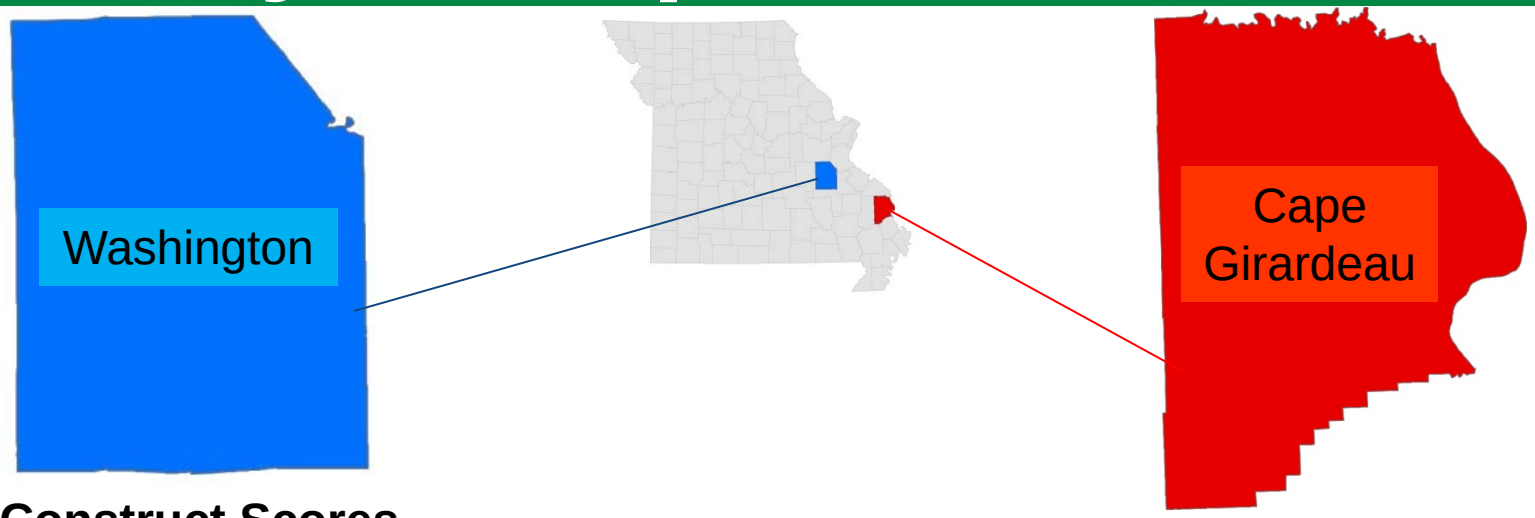
Preliminary Breadth Construct Scores



Preliminary Quality Construct Scores



Preliminary Construct Scores - County Examples



Construct Scores
Depth: 0.03
Breadth: 0.02
Quality: 0.65

Sample of Activities in the County
- 1 active grant in the county
- Freedom from Smoking Clinics
- Teens Against Tobacco Use programs

Construct Scores
Depth: 0.75
Breadth: 0.83
Quality: 0.63

Sample of Activities in the County
- 5 active grants in the county
- Tobacco Policy Awareness Activities
- Freedom from Smoking Clinics
- Teens Against Tobacco Use programs

Next Steps

Next Steps for SCHPI

Future Use

Future use of SCHPI

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Questions?

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