



Mountain Vistas: Taking in the View of Long Term Service Implementation in West Virginia

**NCCEP/GEAR Annual Conference,
Washington, DC**

The Presenters

□ WV Higher Education Policy Commission

- Coordinating body for higher education in WV
- Division of Student Affairs administers GEAR UP
- Plans, coordinates, and monitors all GEAR UP services in 10 counties

□ McREL International

- Private, nonprofit educational R&D corporation
- Provides external evaluation

WV GEAR UP

- ❑ Six-year state grant with no cost extension
- ❑ Serve 15,000+ students from 2008-2015
- ❑ 10 counties, more than 5,000 students per year
- ❑ 2014 Cohort + 11th and 12th graders each year
- ❑ 14 High Schools
- ❑ 26 Site Coordinators, 3 Regional Coordinators, 6 Central Office Staff, and External Evaluator

West Virginia GEAR UP Service Areas and Schools



SOUTHWESTERN REGION - served by *Southern West Virginia Community and Technical College*

BOONE: Madison Middle; Sherman Junior High; Sherman High

LINCOLN: Duval P-8; Hamlin P-8; Harts Interm 4-8; Guyan Valley Middle; Lincoln County High

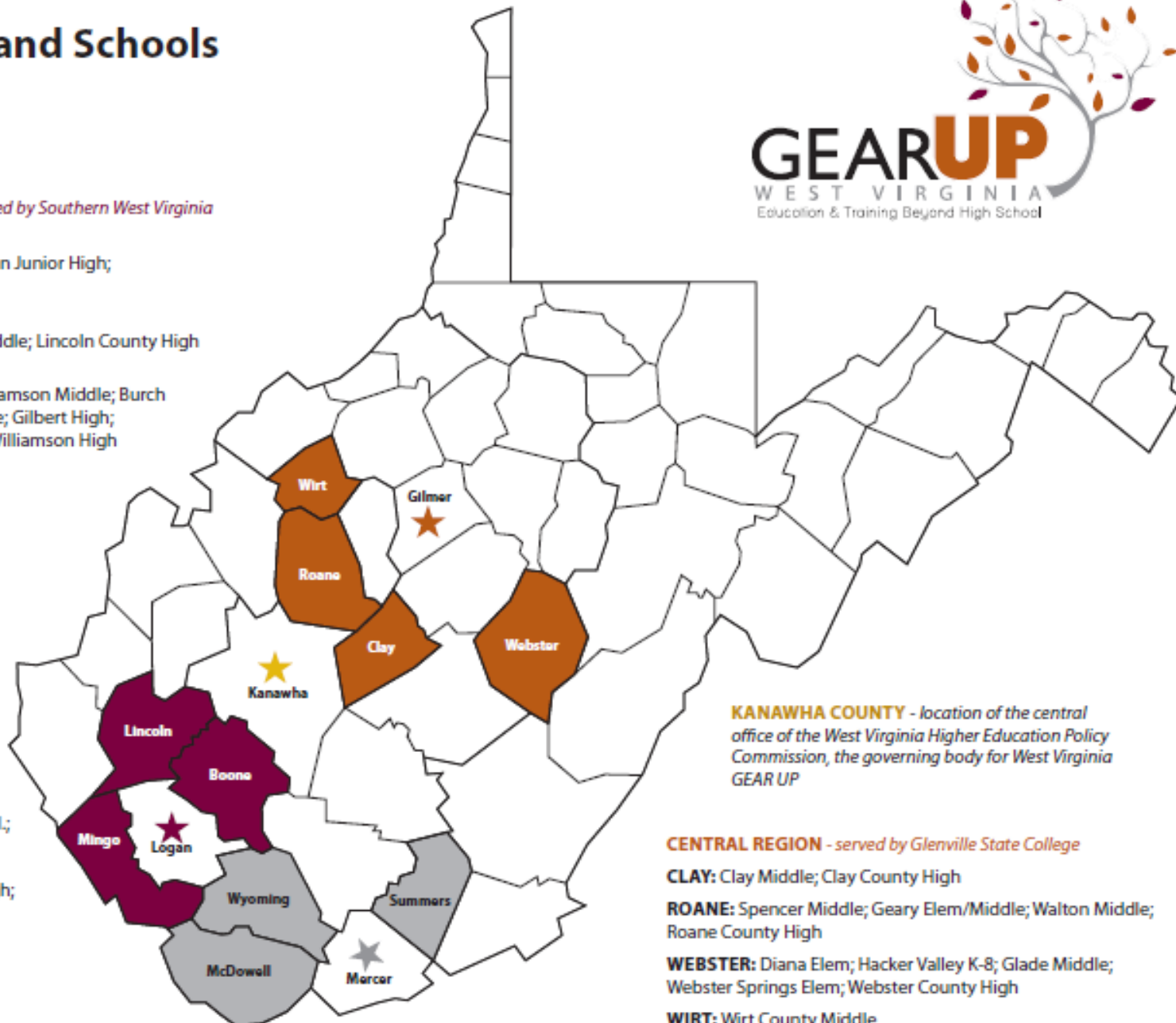
MINGO: Kermit Area K-8; Lenore K-8; Matewan Middle; Williamson Middle; Burch Middle; Burch High; Gilbert Middle; Gilbert High; Matewan High; Tug Valley High; Williamson High

SOUTHERN REGION - served by *Concord University*

MCDOWELL: Southside K-8; Sandy River Middle; Mount View Middle; Mount View High; Big Creek High; Jaeger High

SUMMERS: Summers Middle; Summers High

WYOMING: Baileysville Middle; Glen Fork Middle; Herndon Consol.; Huff Consol.; Mullens Middle; Pineville Middle; Oceana Middle; Road Branch Middle; Westside High; Wyoming County East High



KANAWHA COUNTY - location of the central office of the West Virginia Higher Education Policy Commission, the governing body for West Virginia GEAR UP

CENTRAL REGION - served by *Glenville State College*

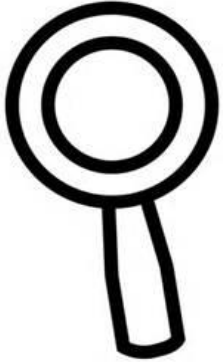
CLAY: Clay Middle; Clay County High

ROANE: Spencer Middle; Geary Elem/Middle; Walton Middle; Roane County High

WEBSTER: Diana Elem; Hacker Valley K-8; Glade Middle; Webster Springs Elem; Webster County High

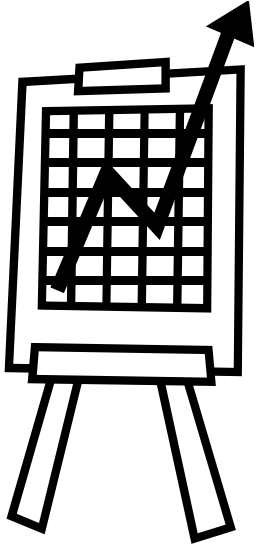
WIRT: Wirt County Middle

Evaluation



- 16 Questions
 - 5 Formative
 - 9 Outcome
 - 2 Sustainability
- Longitudinal quasi-experiment with 2 levels of matching
- Mixed methods

Evaluation



□ Data Collection

- Surveys
- Assessment data
- School and student data
- Interviews
- Event observations
- Participation data

Evaluation



□ **SCRIBE**

- Online data tracking application
- Host online student, parent and school personnel surveys
- Manage workplan

GEAR UP Fidelity Index



□ Implementation Fidelity

- Is the work done as intended per the program description?
- Process and Structure

□ GUF

- Specifically for GEAR UP based on West Virginia model and services

GEAR UP Fidelity Index



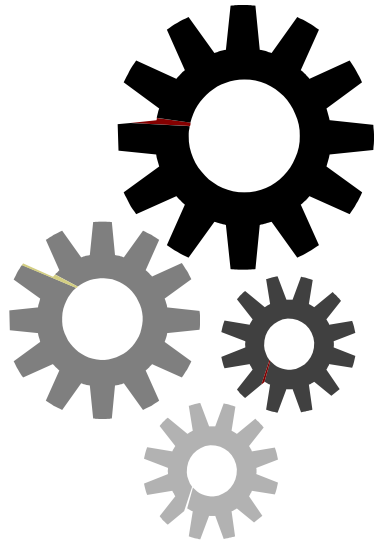
□ Four Components

- Adherence
- Exposure
- Quality
- Response

GEAR UP Services

	Students	Parents	Educators
College and Career Awareness and Access	<ul style="list-style-type: none"> • College visits • Counseling • Job site visits, trips • Financial aid workshops 	<ul style="list-style-type: none"> • College visits • Counseling 	<ul style="list-style-type: none"> • College access, awareness PD • Financial aid counseling/ advising PD
Academic Support	<ul style="list-style-type: none"> • Rigorous classroom instruction • Mentoring • Summer programs • Tutoring 	<ul style="list-style-type: none"> • Academic workshops 	<ul style="list-style-type: none"> • Curriculum alignment • Instructional technology, PD • Test preparation
Climate and Connection	<ul style="list-style-type: none"> • Cultural events • Family activities 	<ul style="list-style-type: none"> • Family activities 	<ul style="list-style-type: none"> • School climate PD

GEAR UP Fidelity Index



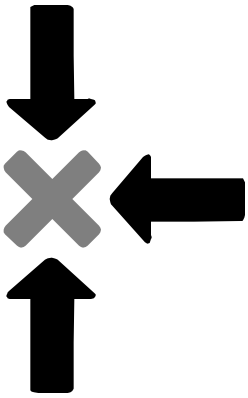
❑ Four Primary Questions

- Extent to which all types of services are reaching all stakeholders
- Level of stakeholder exposure to services
- Level of service quality
- Stakeholders' responses to services

❑ Descriptive Analyses

- Over time
- By county

GEAR UP Fidelity Index



□ Data Sources

- Participation/service records for all stakeholders
- Student surveys
- Parent surveys
- School personnel surveys

GUFI Findings



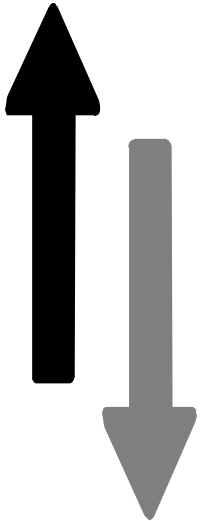
Each Component

- Adherence
- Exposure
- Quality
- Response

Three Ways

- Overall
- Over time
- By county

Adherence: Program Reach



□ Students

- 30,234 in SCRIBE
- 24,032 participated

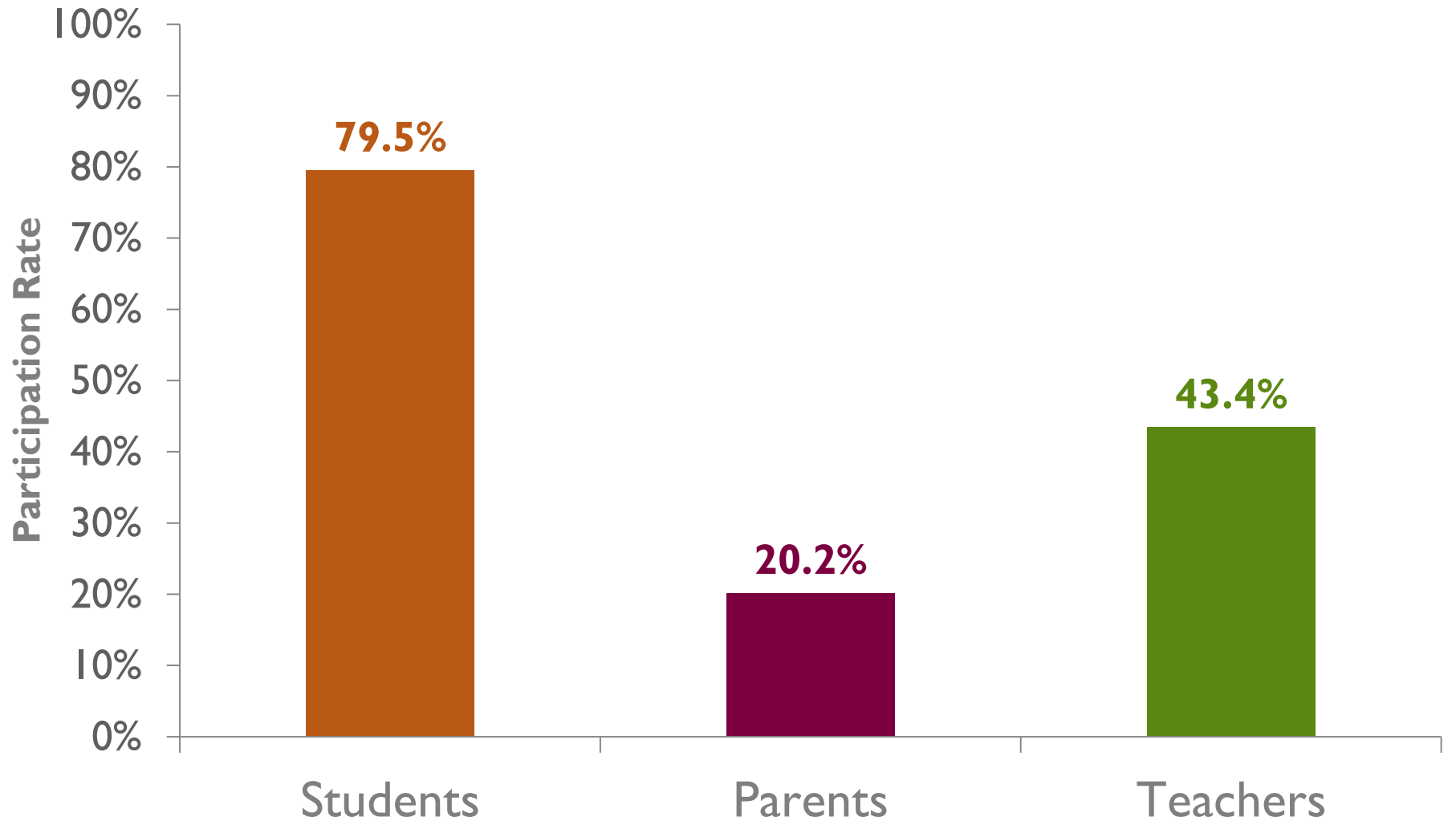
□ Parents

- 34,369 in SCRIBE
- 6,928 participated

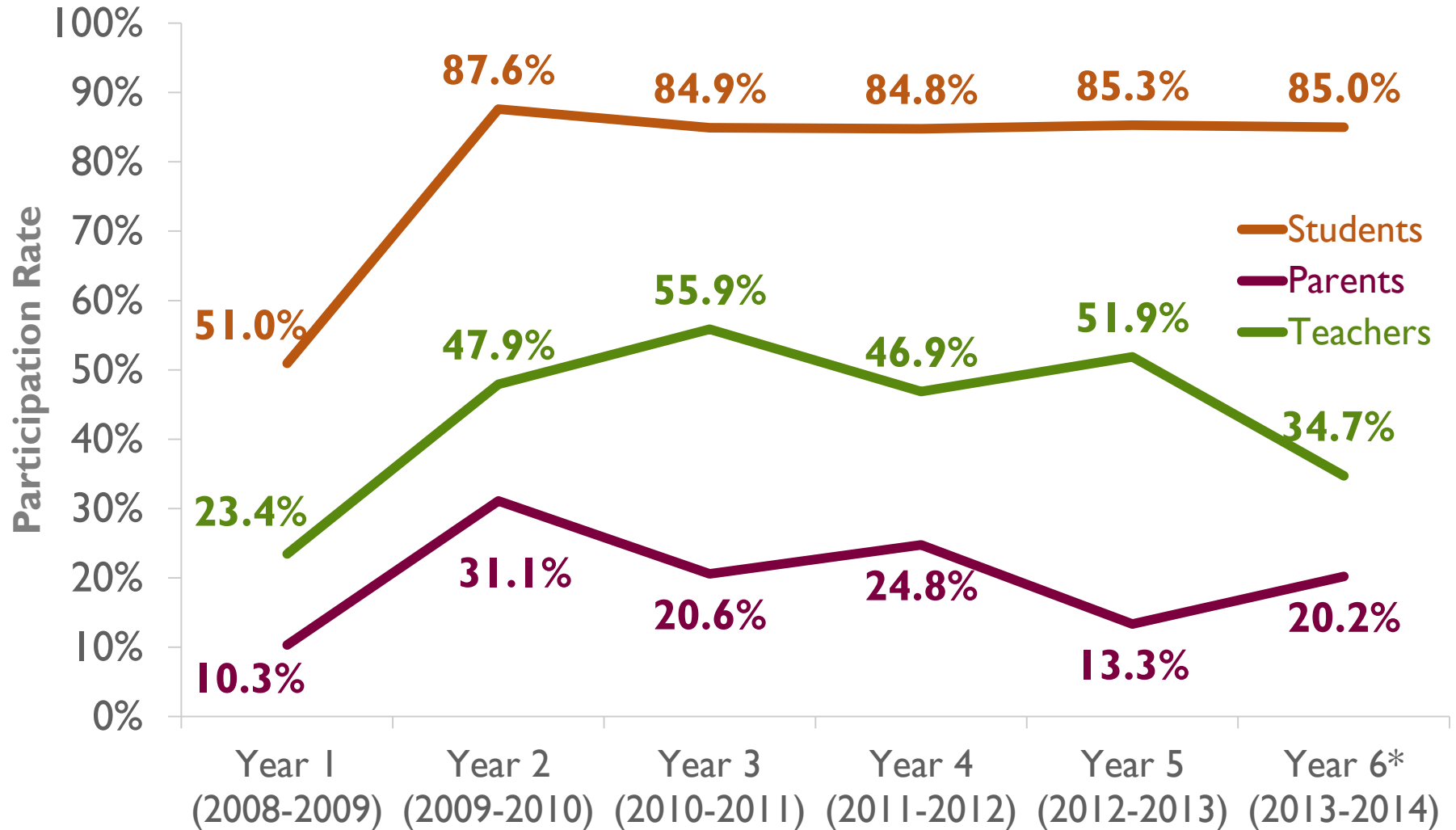
□ Teachers

- 4,606 in SCRIBE
- 1,999 participated

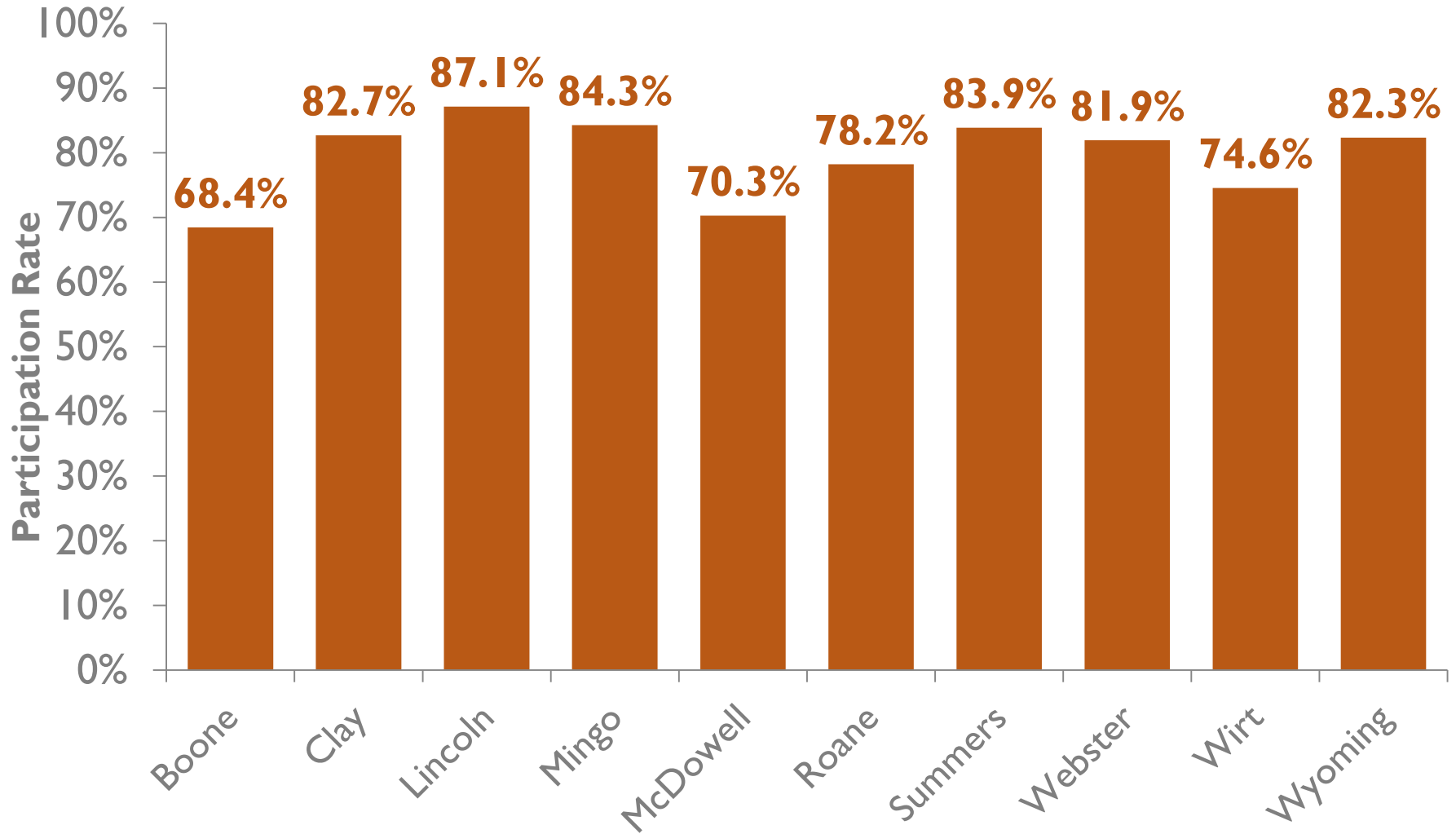
Overall Participation



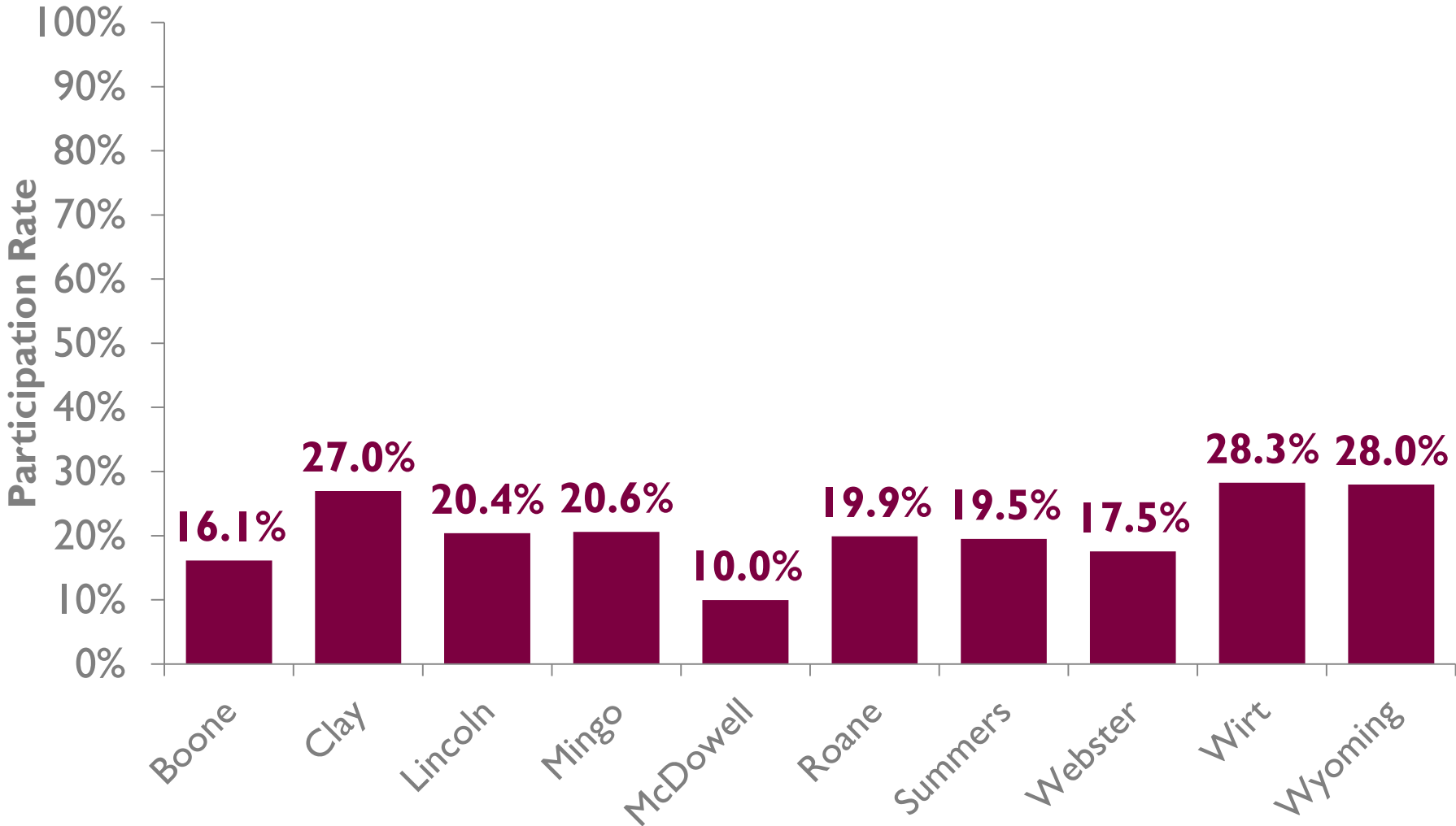
Participation Over Time



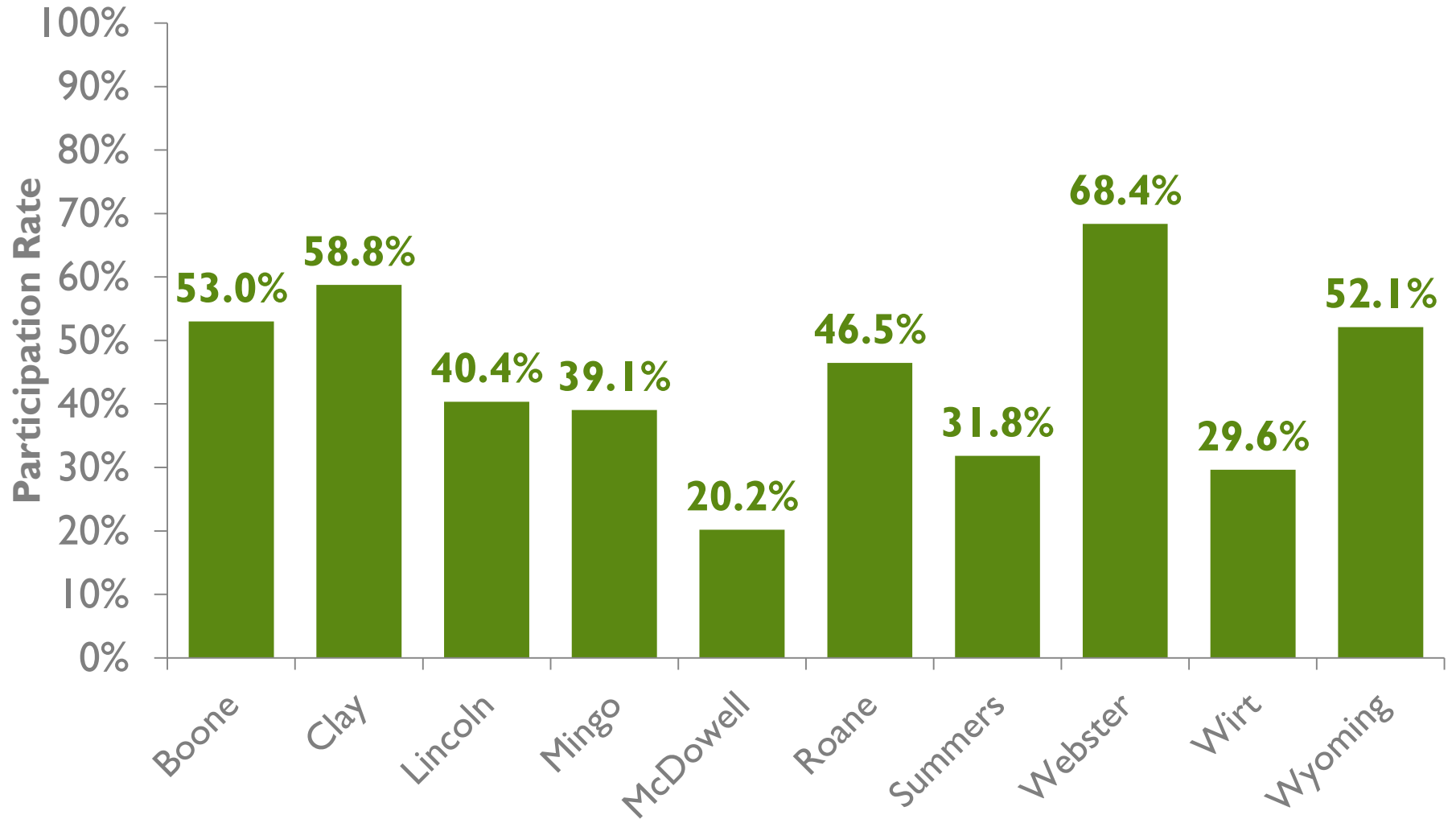
Student Participation by County



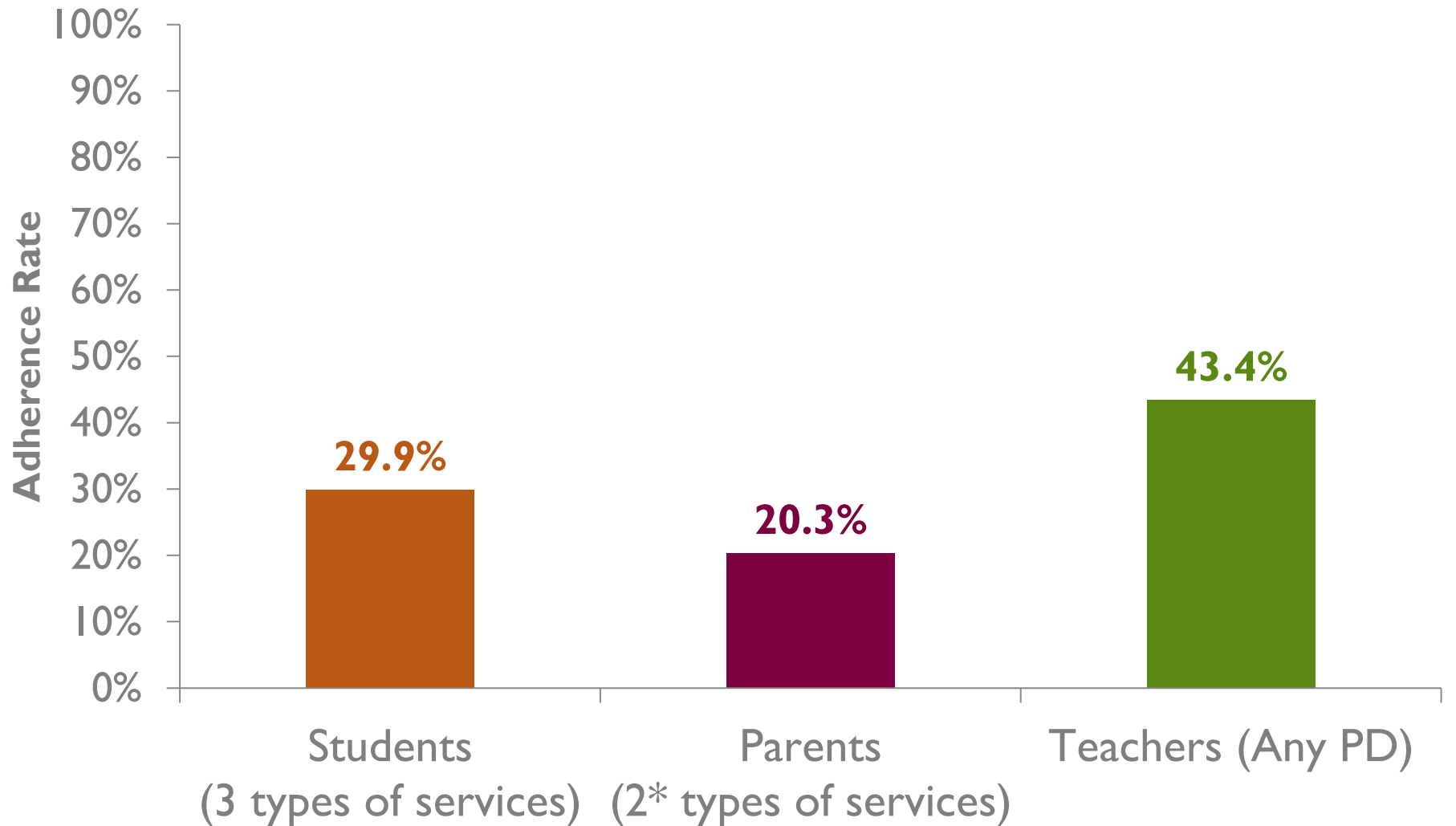
Parent Participation by County



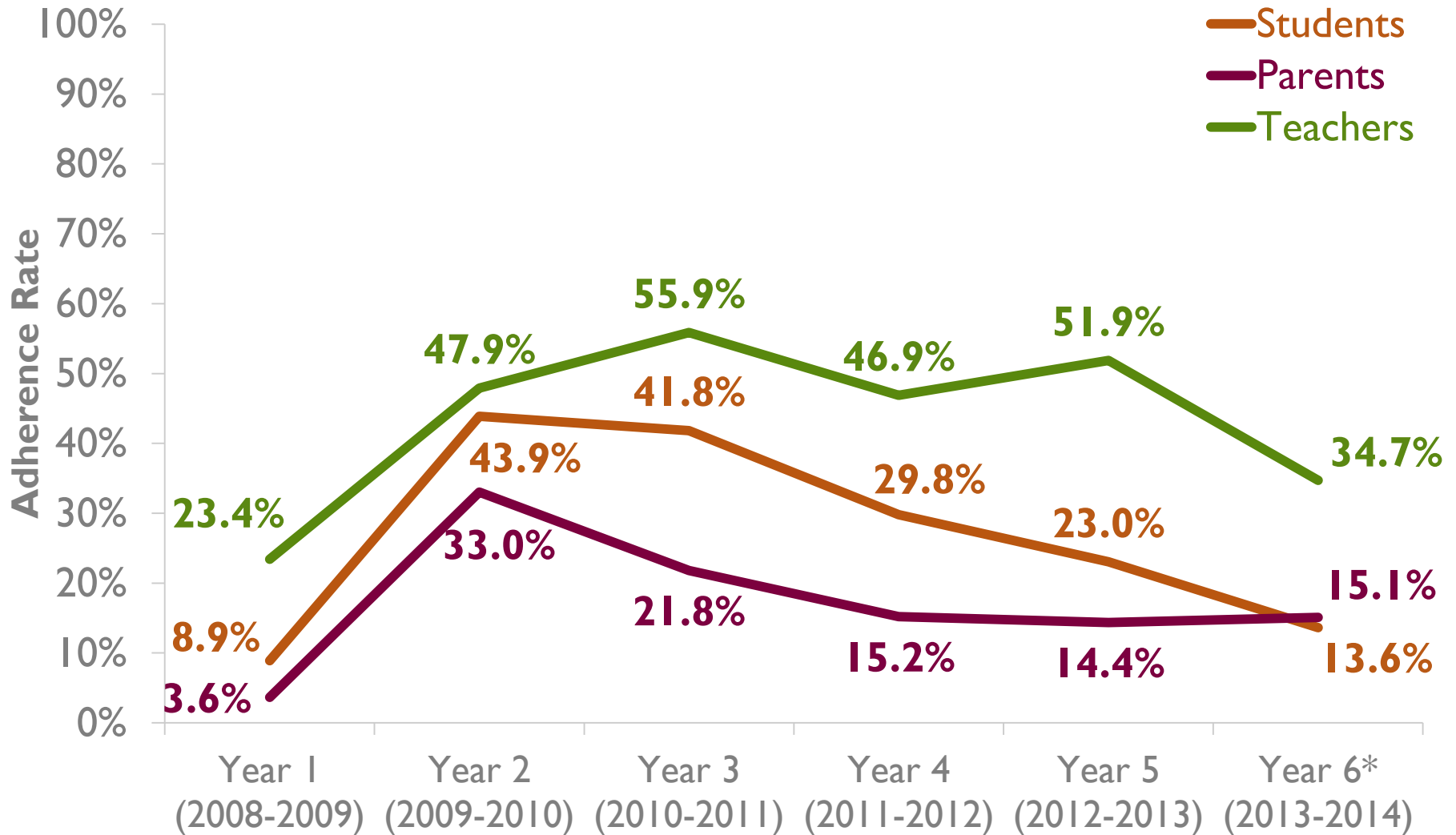
Teacher Participation by County



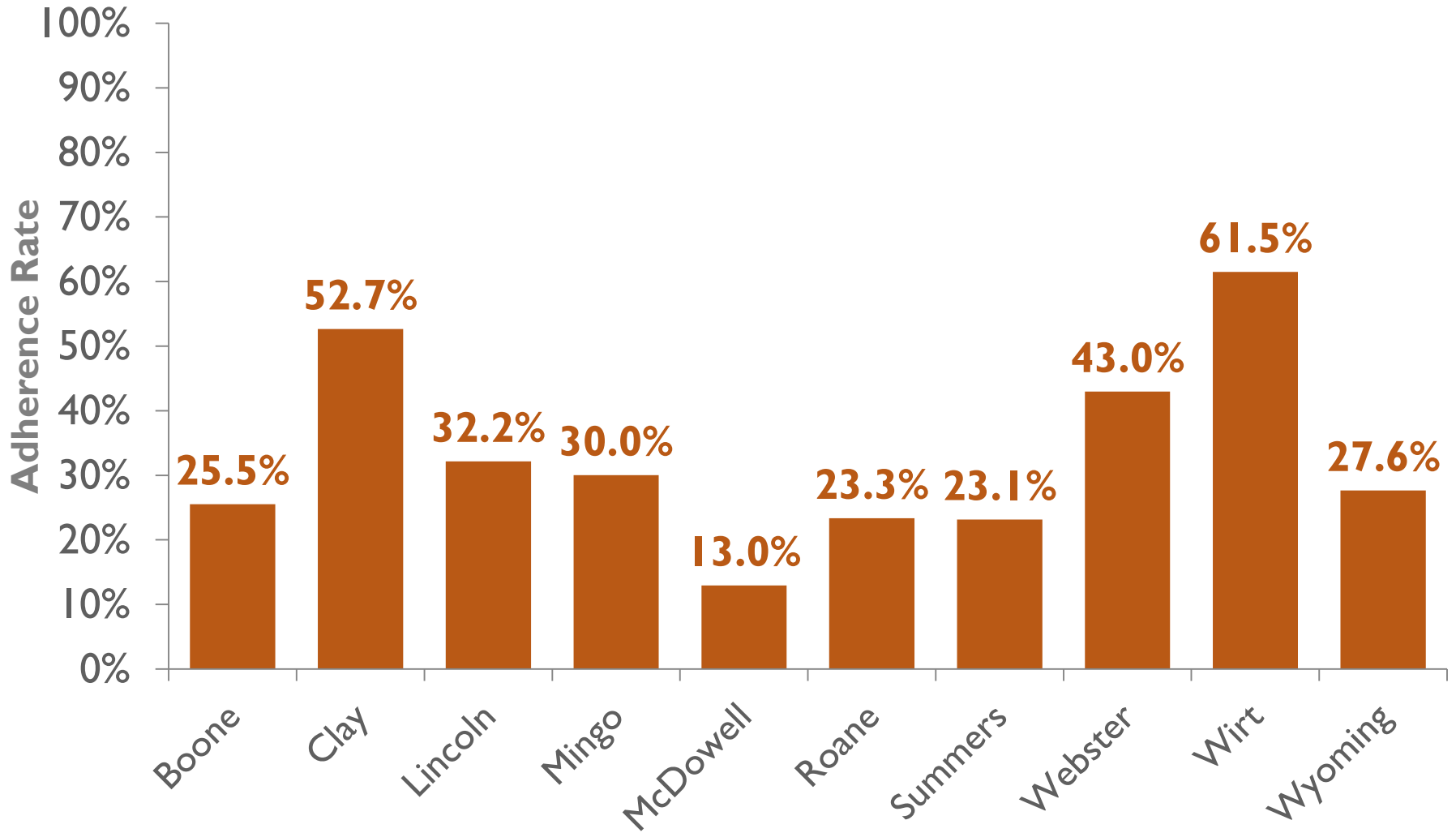
Adherence to Services: Overall



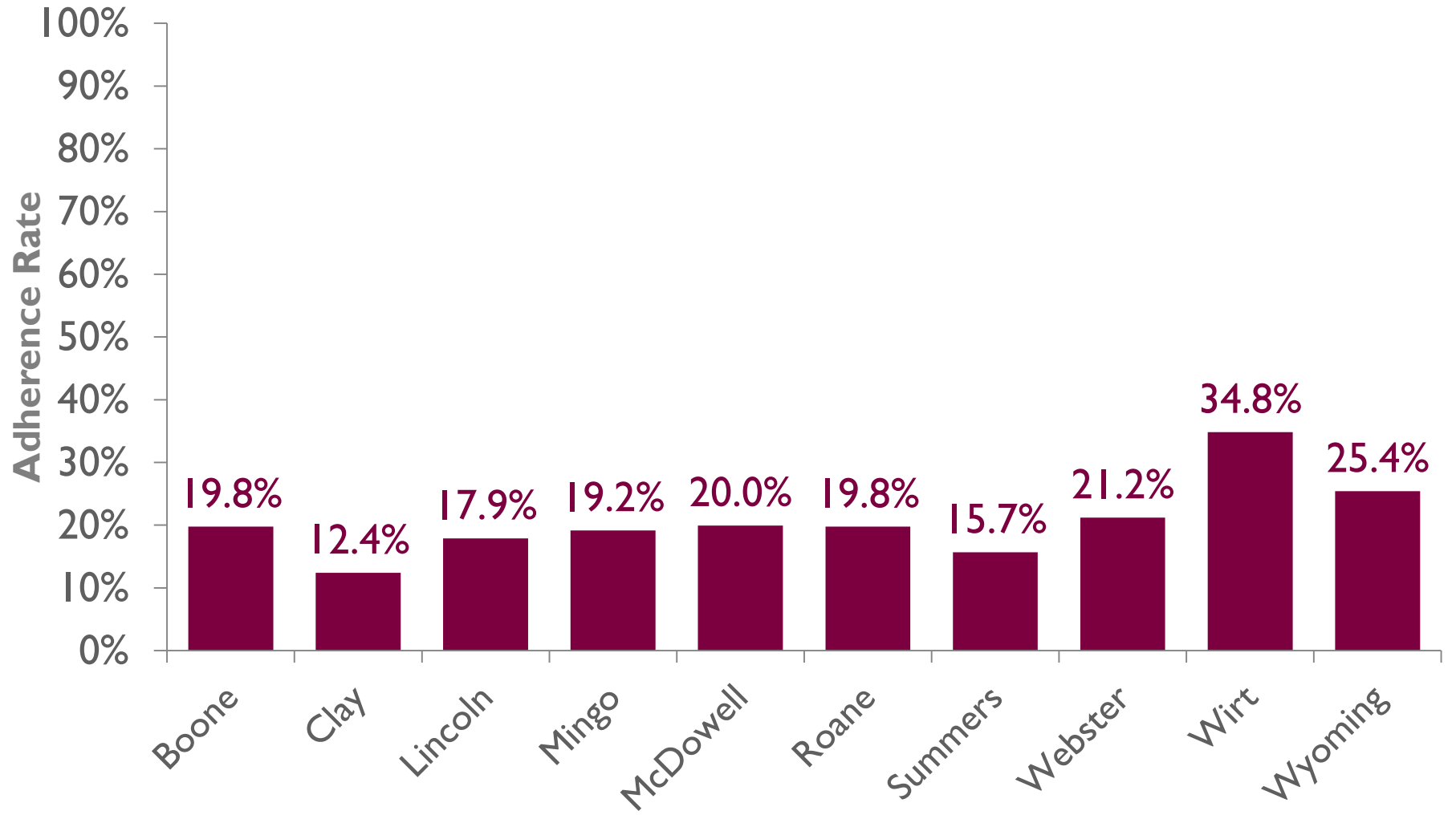
Adherence to Services: Over Time



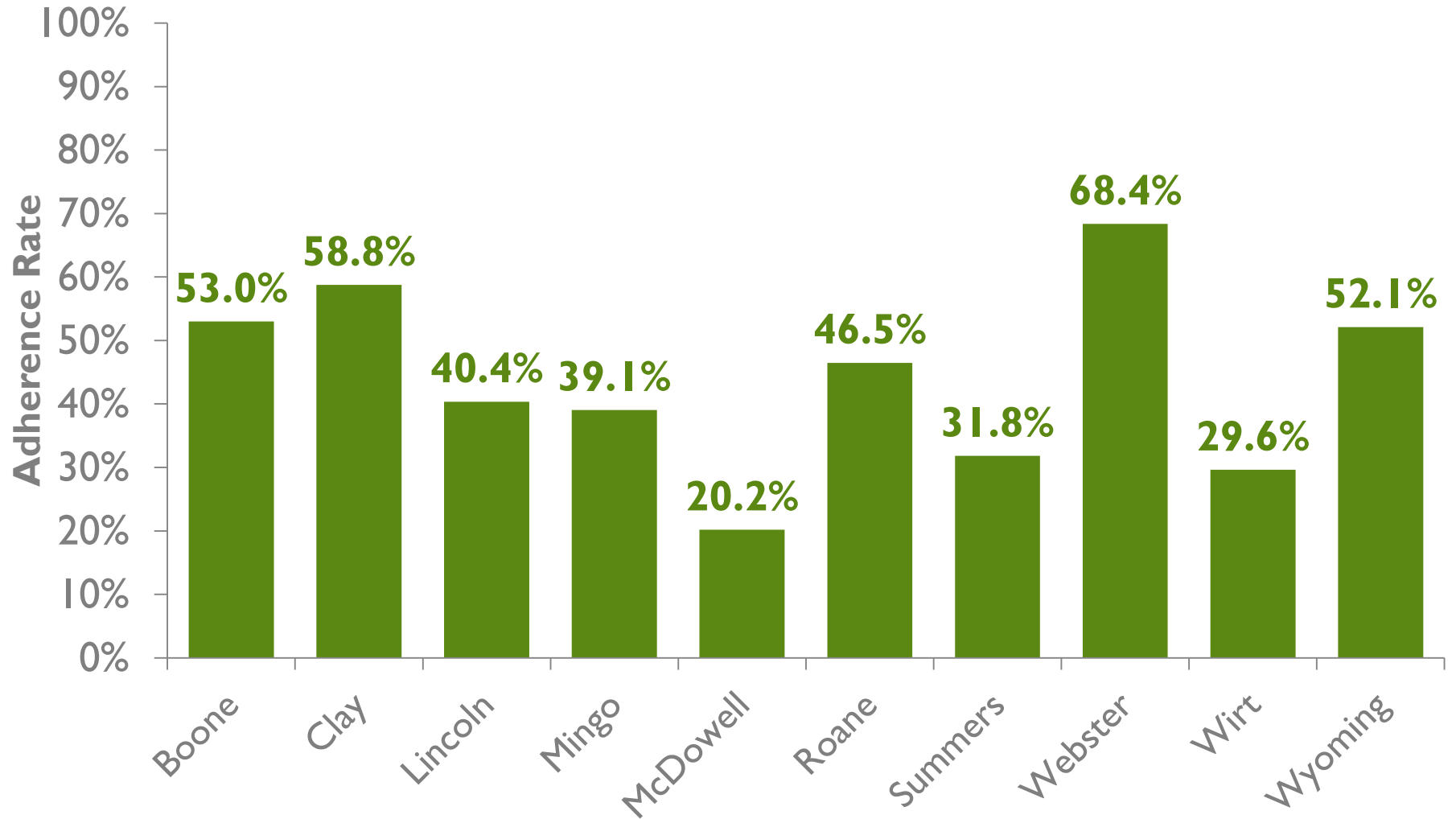
Adherence By County: Students



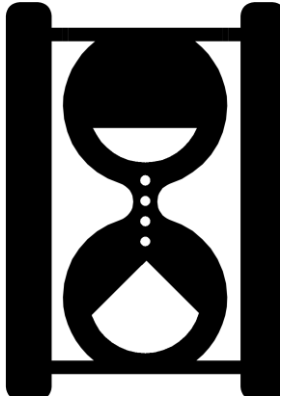
Adherence By County: Parents



Adherence by County: Teachers



Exposure: Total GEAR UP Hours



□ Students

- 492,694.2 hours total
- 20.50 hours on average

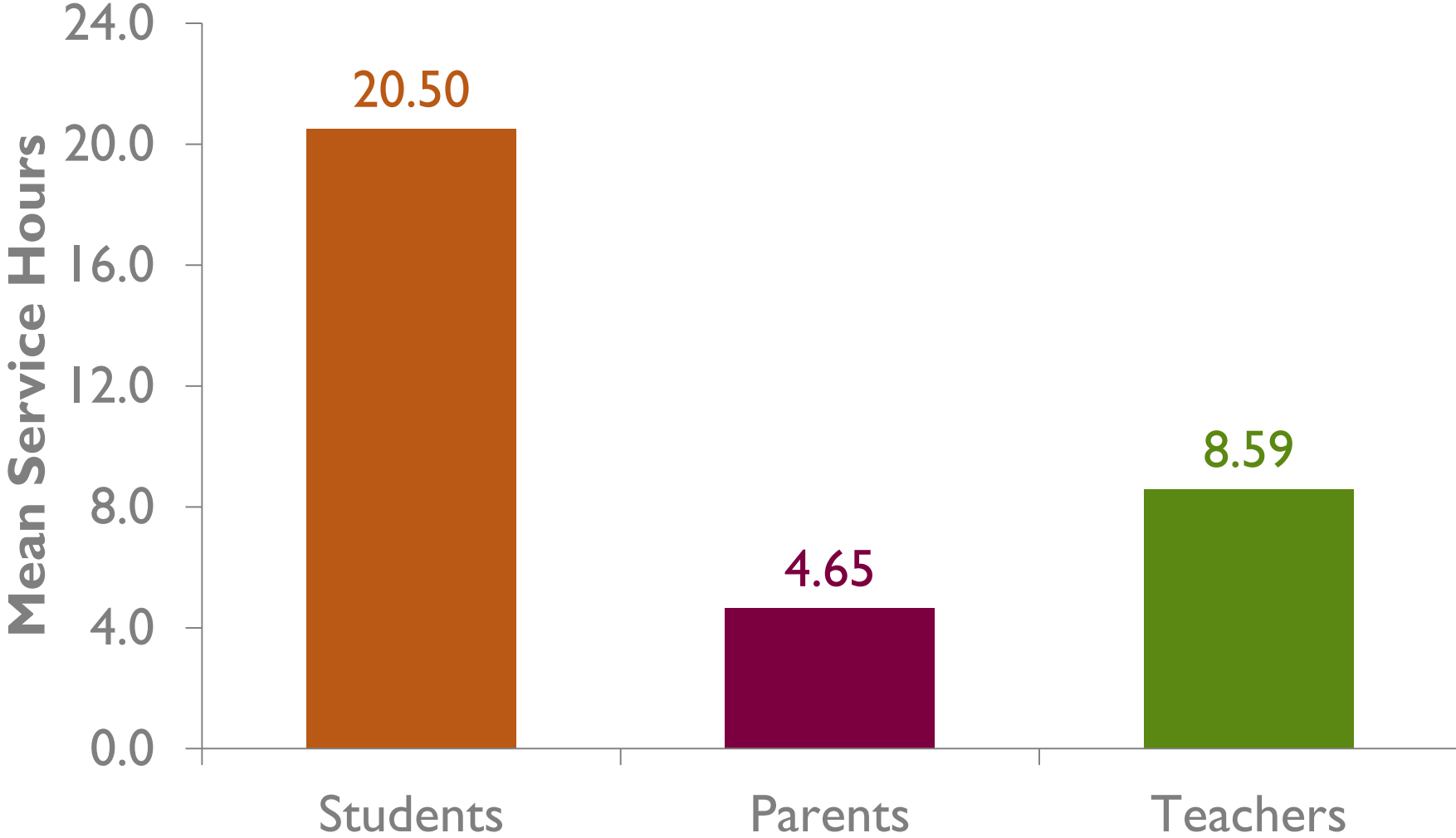
□ Parents

- 32,197.4 hours total
- 4.65 hours on average

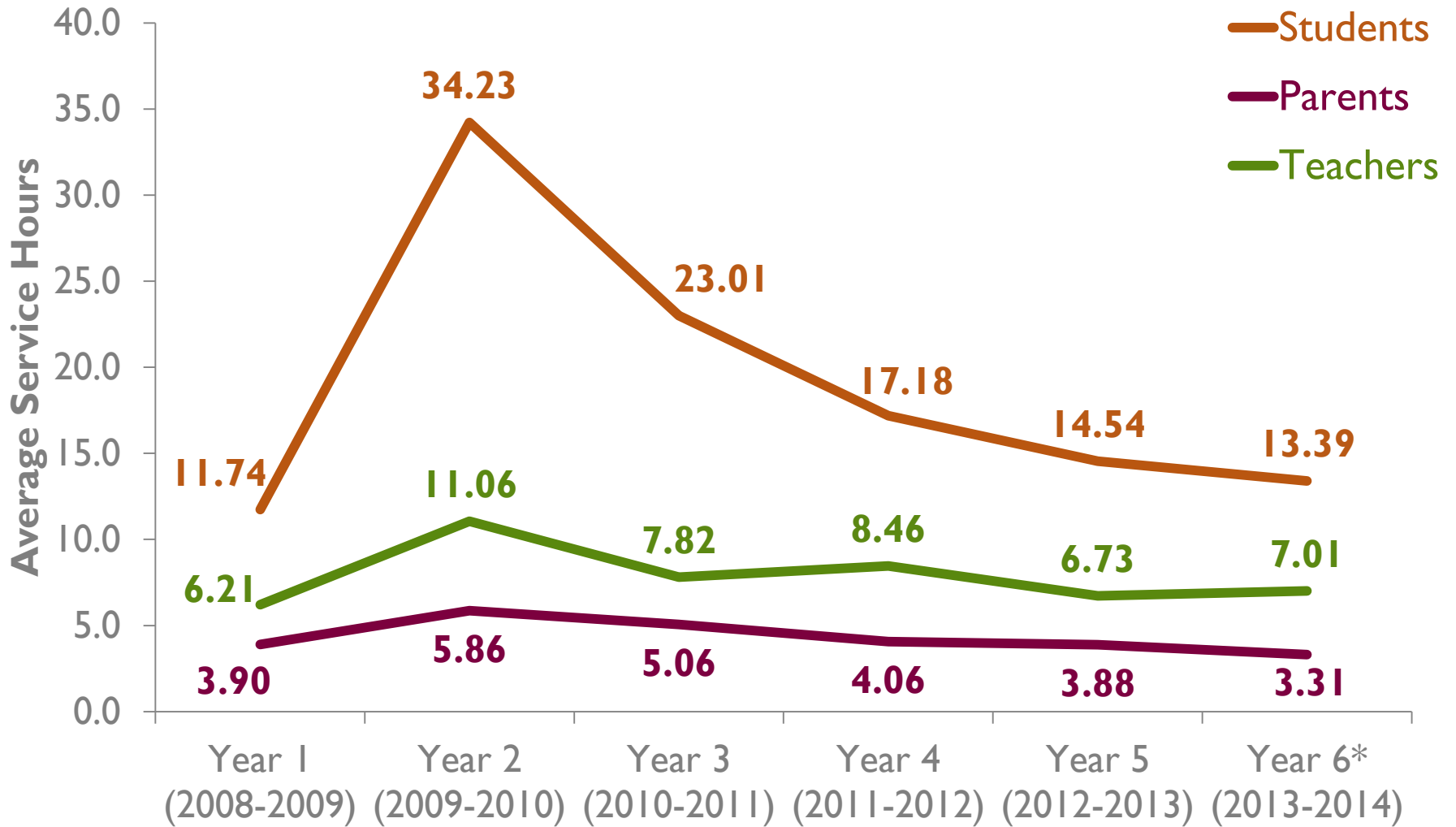
□ Teachers

- 17,168.8 hours total
- 8.59 hours on average

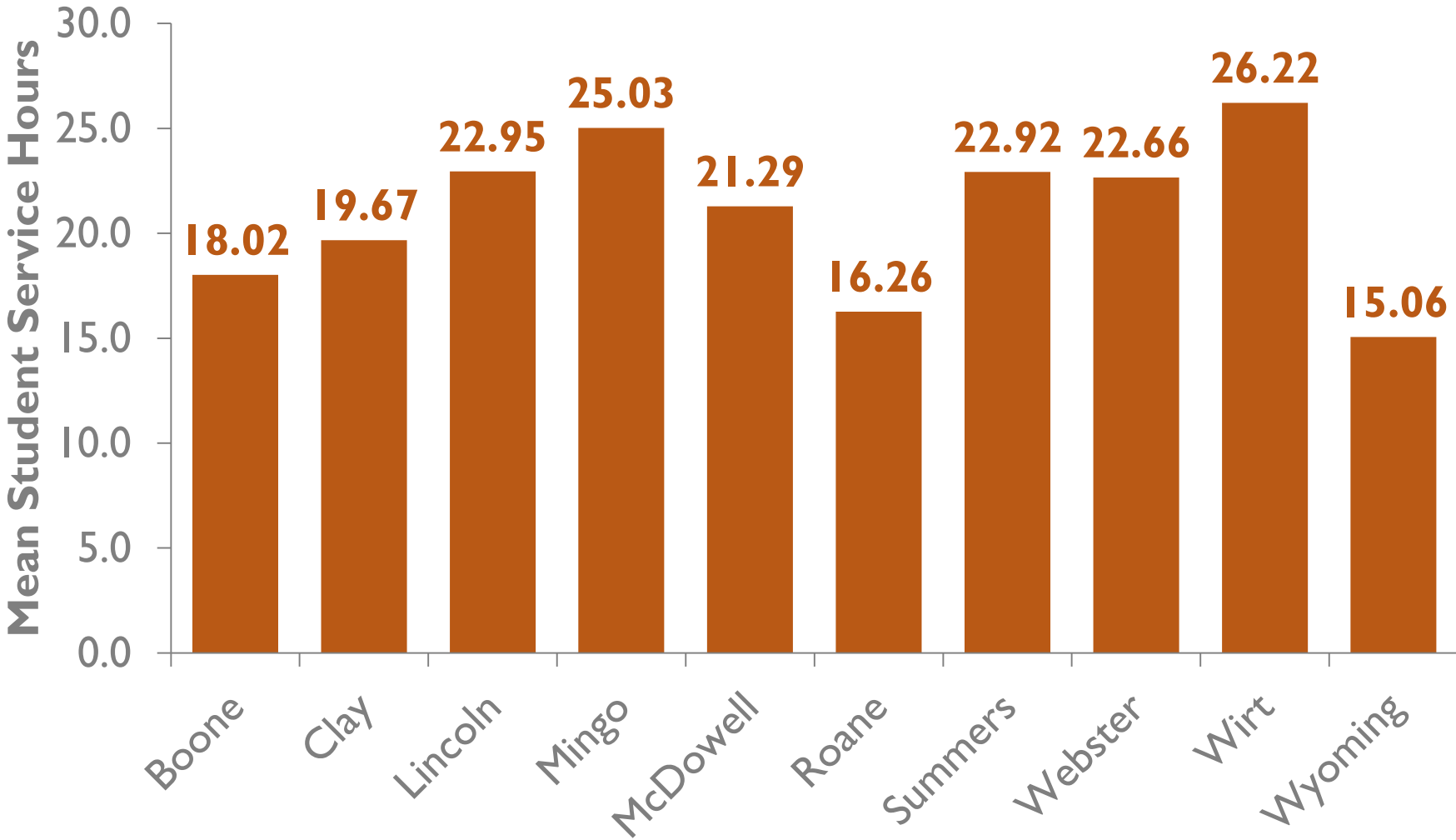
Exposure: Mean Hours by Group



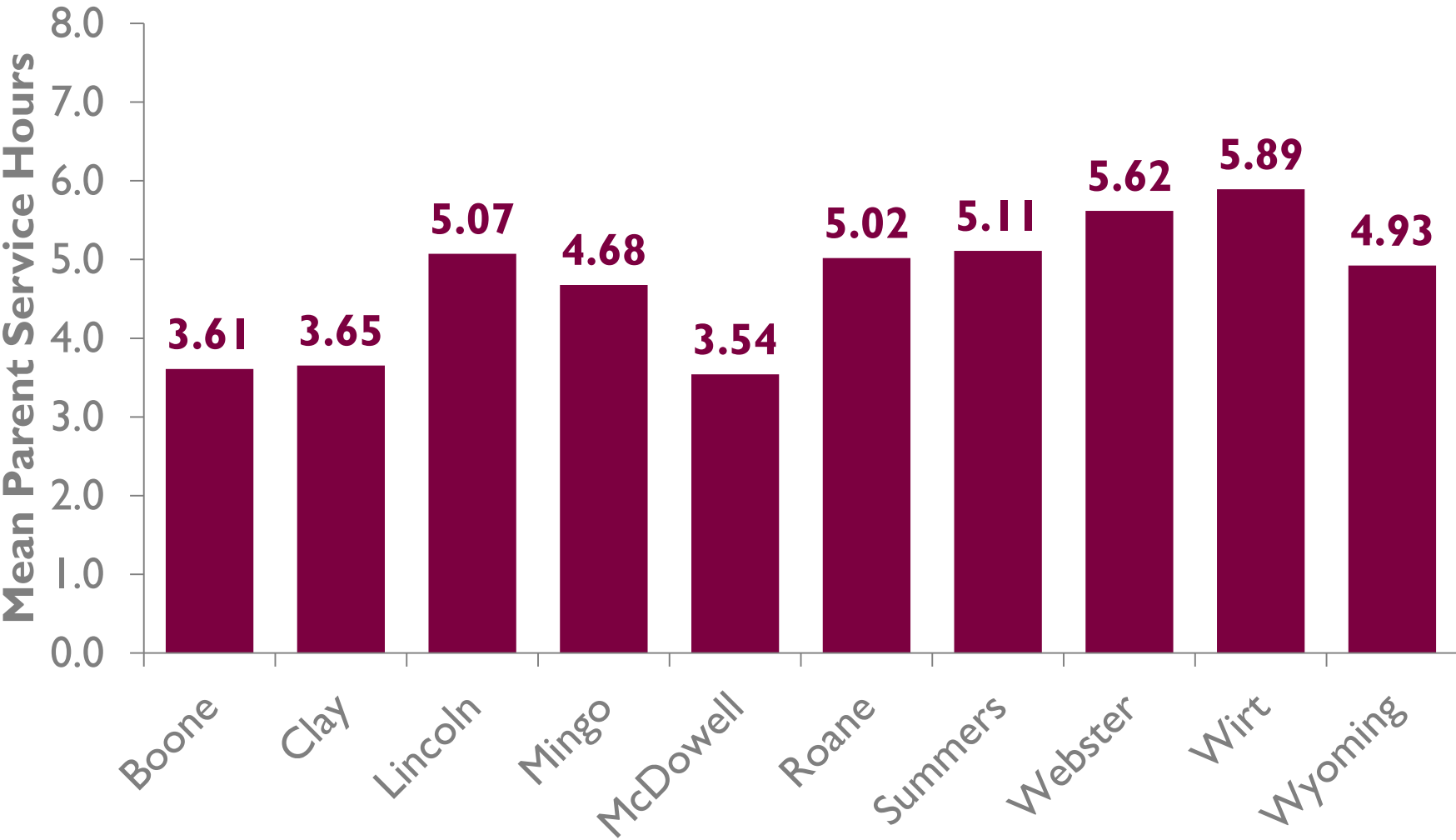
Exposure: Mean Hours by Year



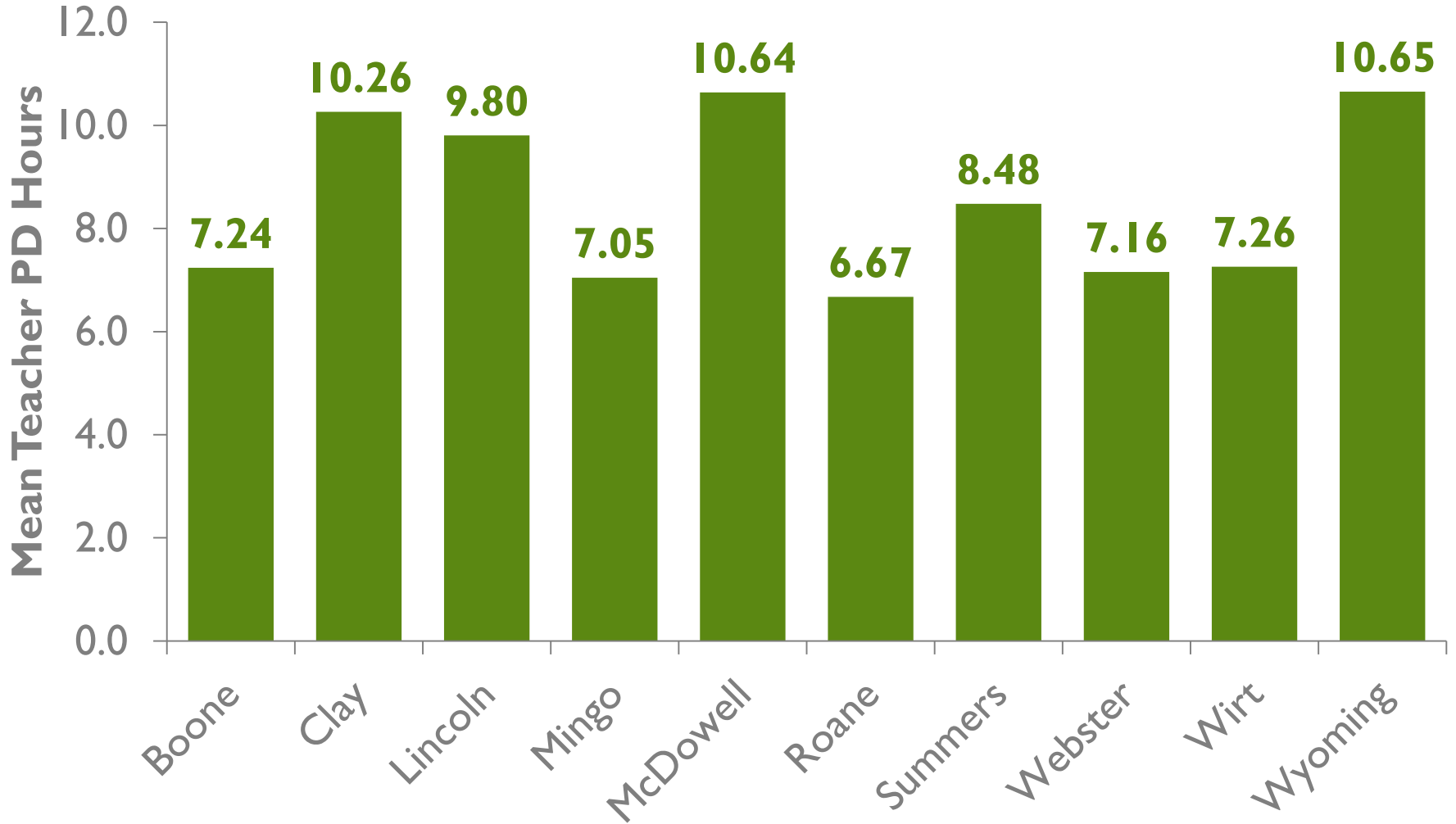
Exposure: Mean Hours by County



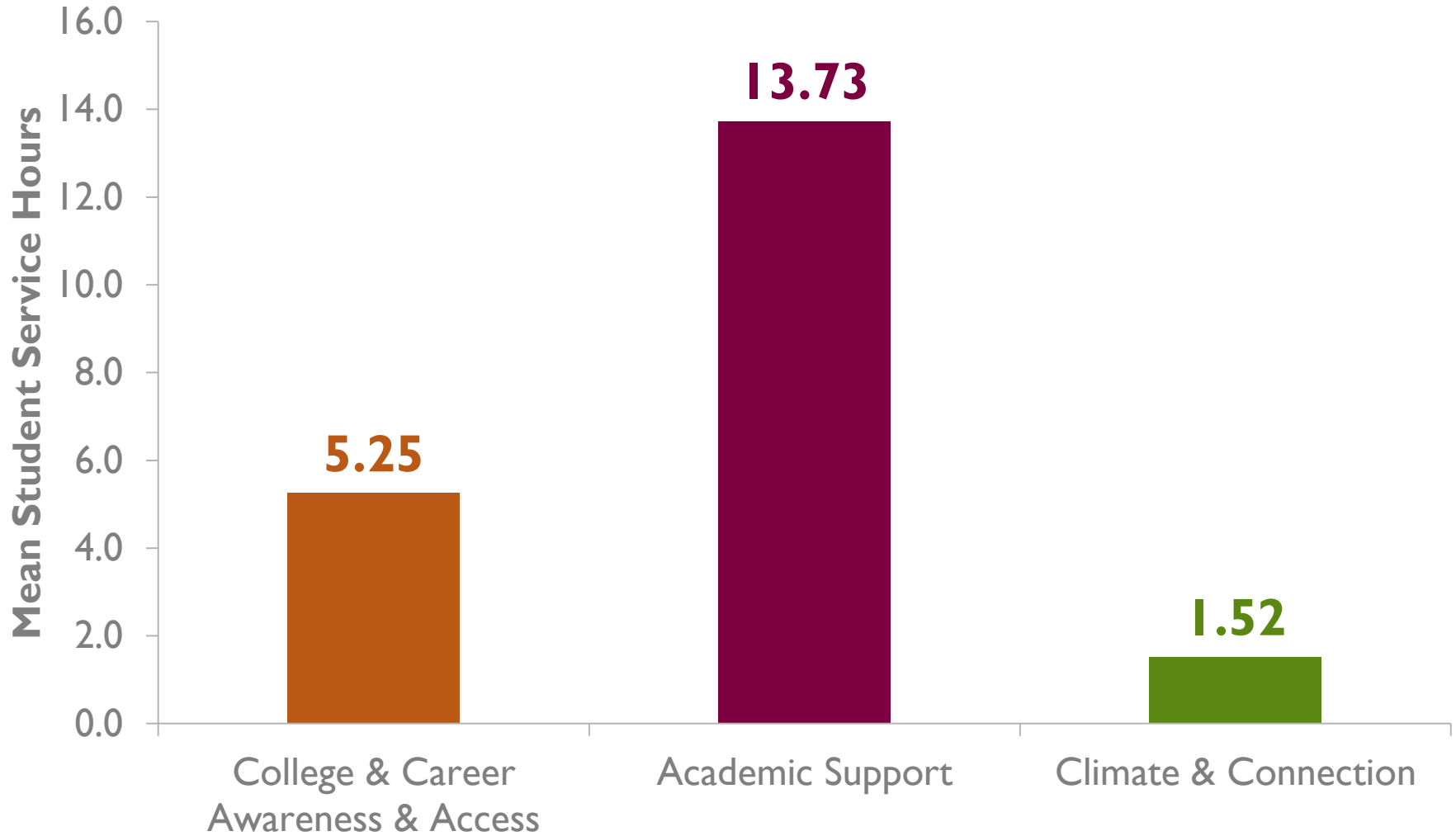
Exposure: Mean Hours by County



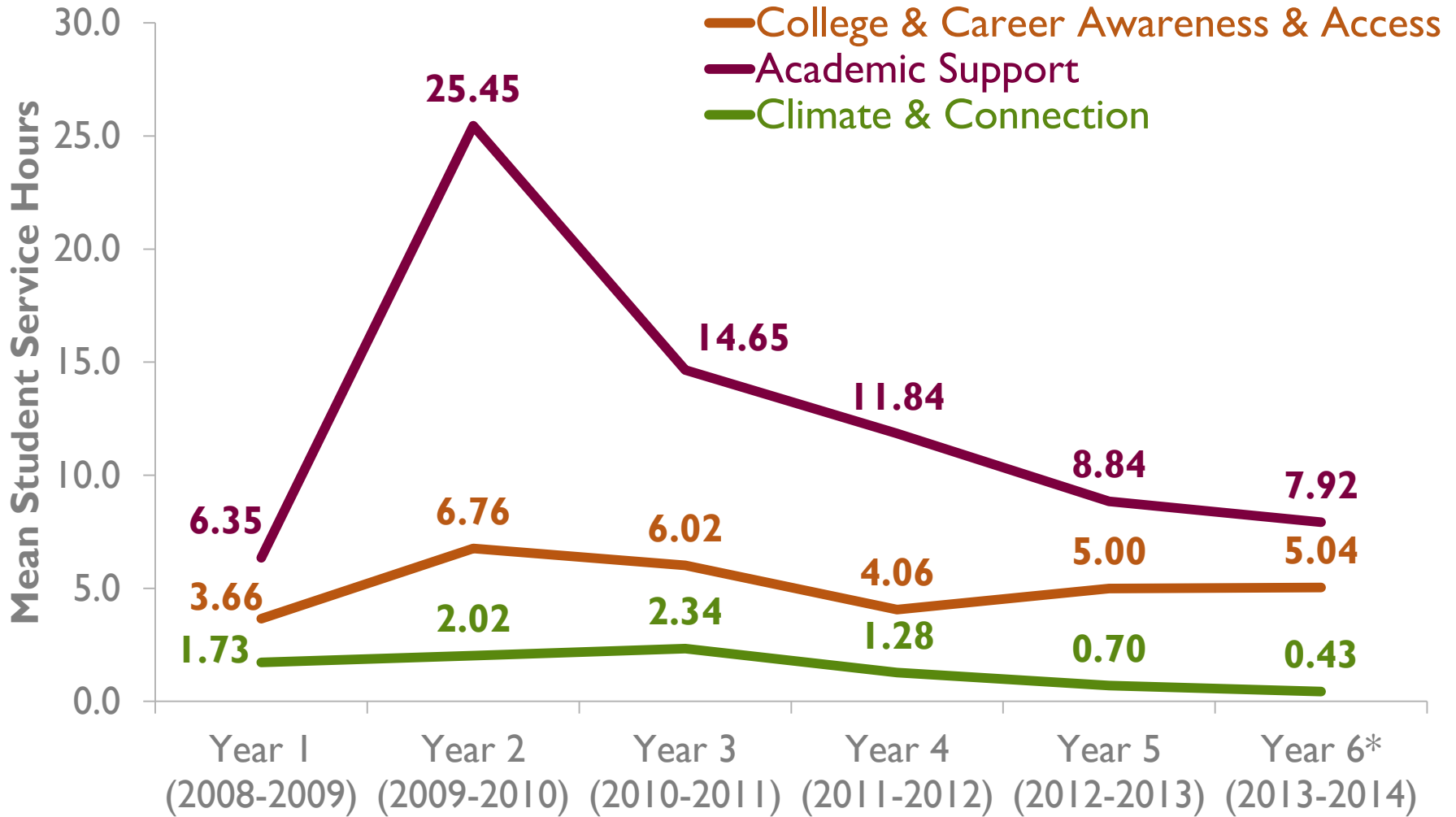
Exposure: Mean Hours by County



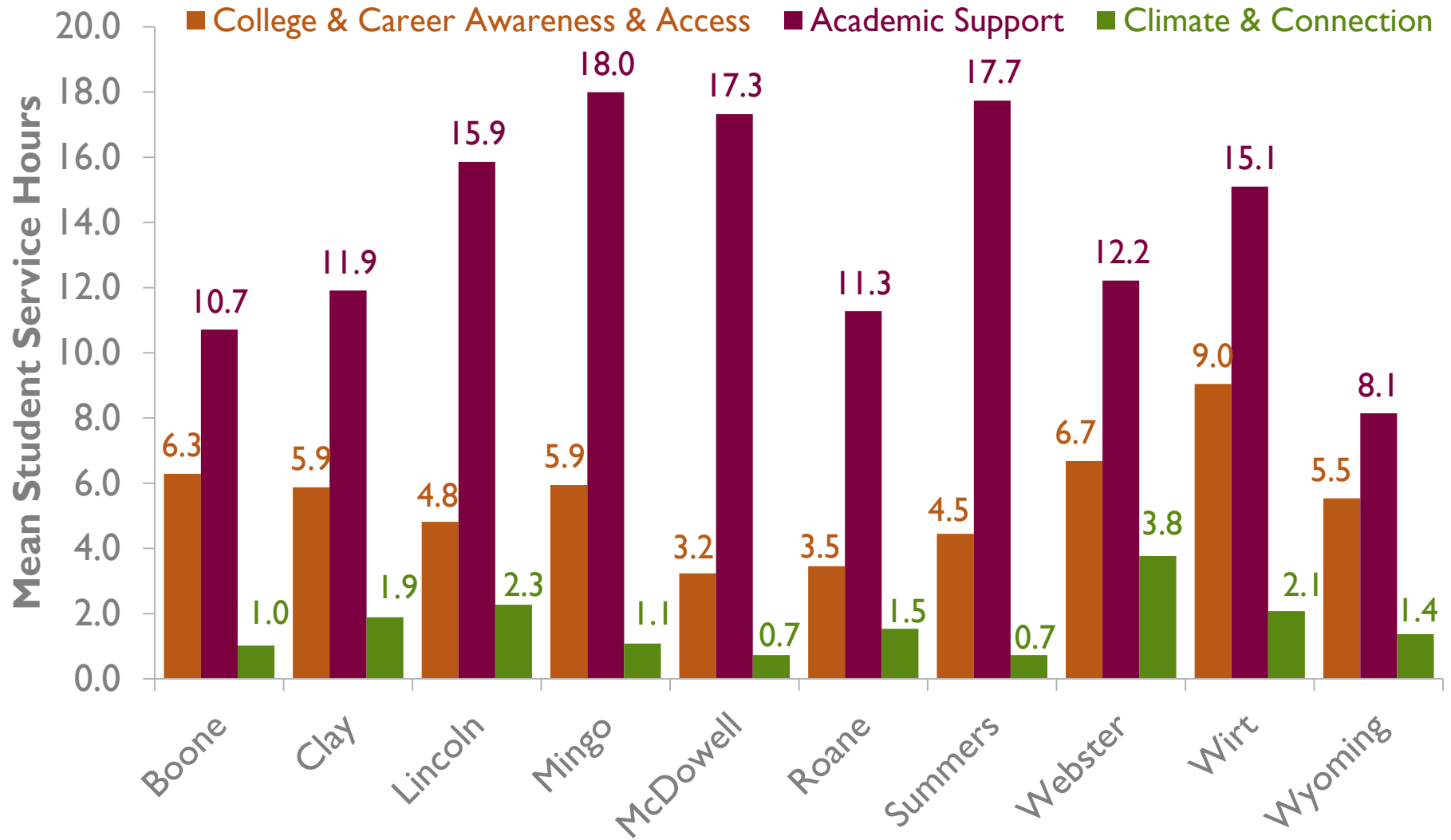
Exposure: Mean Hours by Type



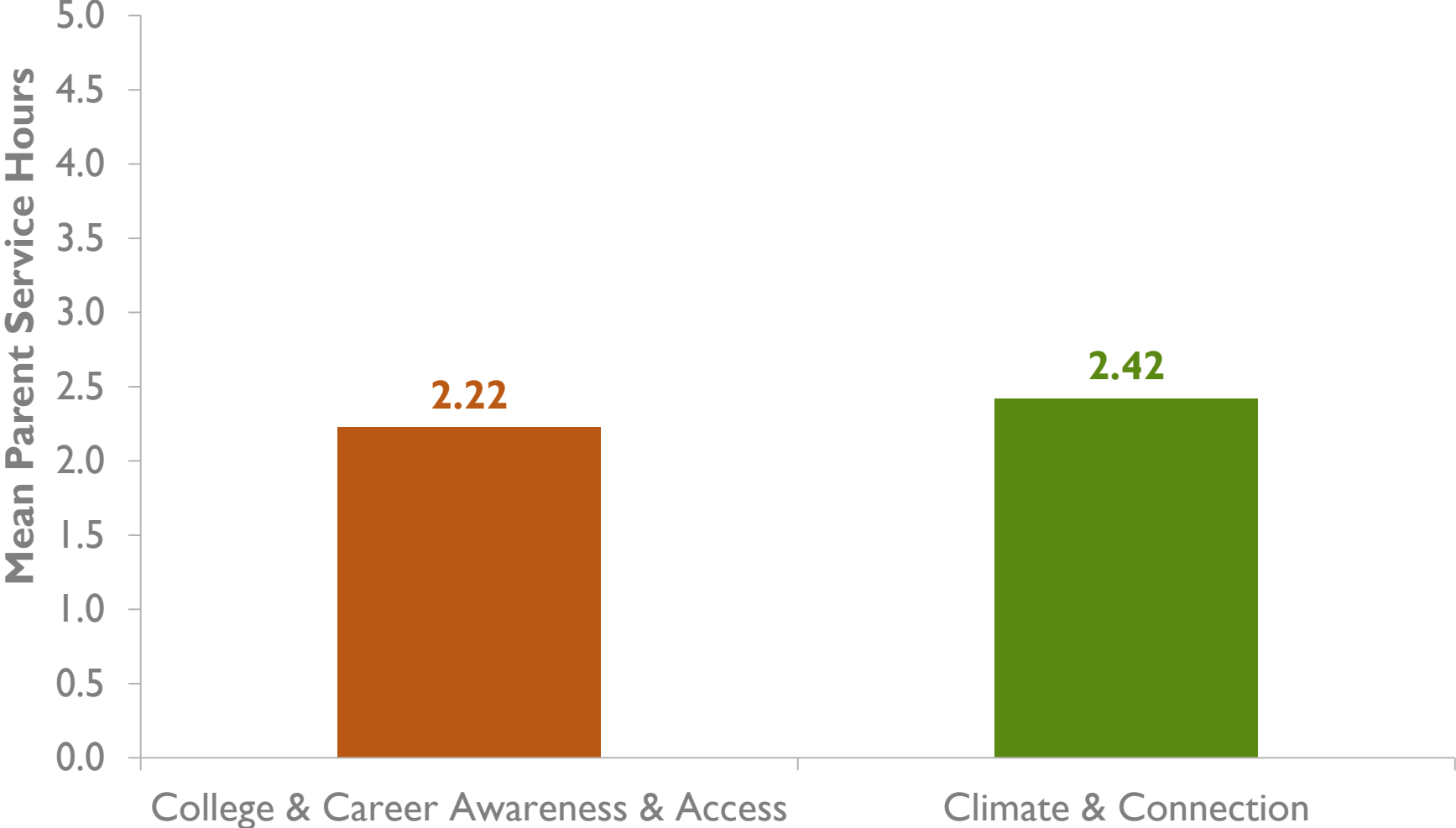
Exposure: Mean Hours, Type & Year



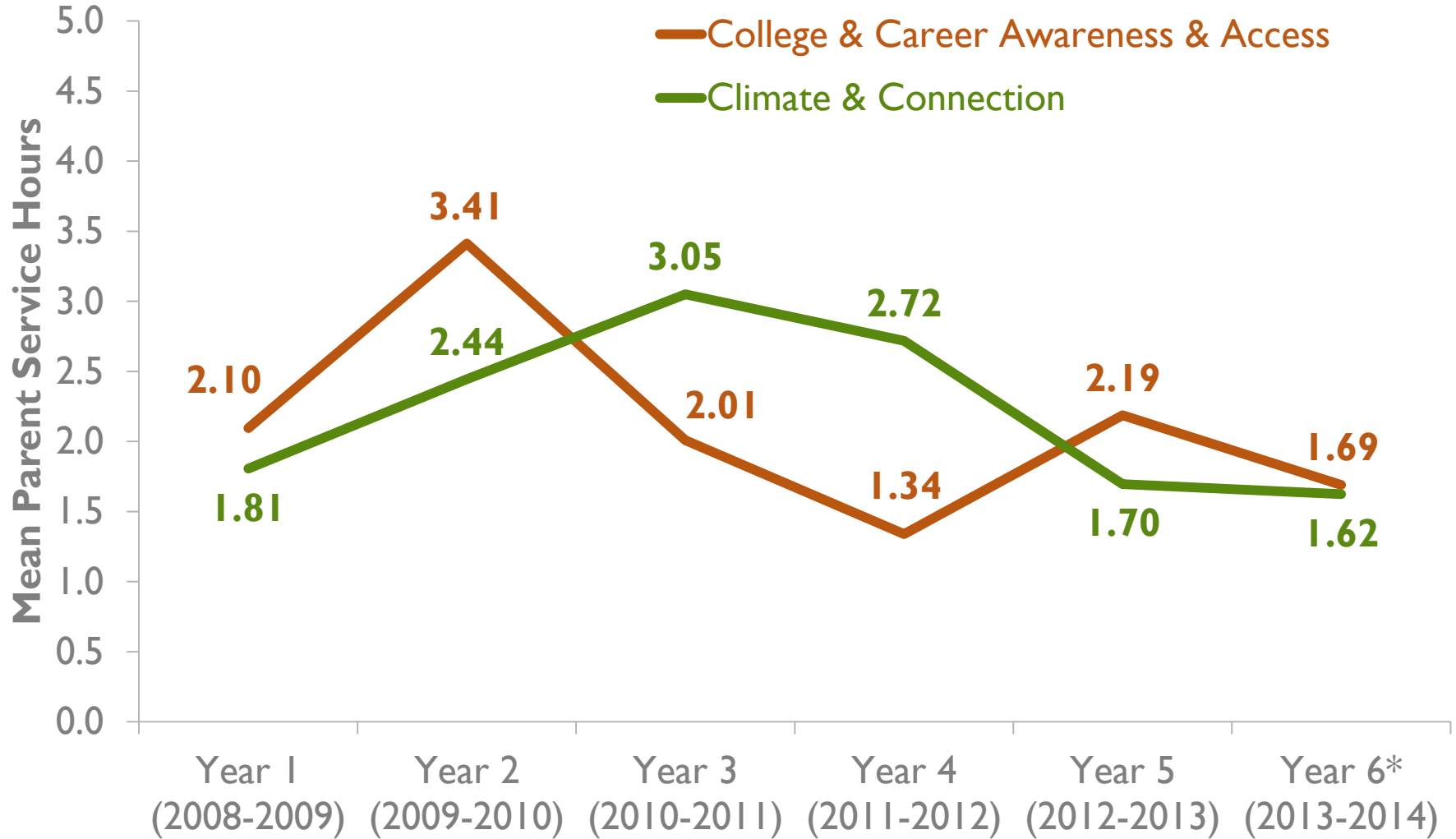
Exposure: Mean Hours, Type & County



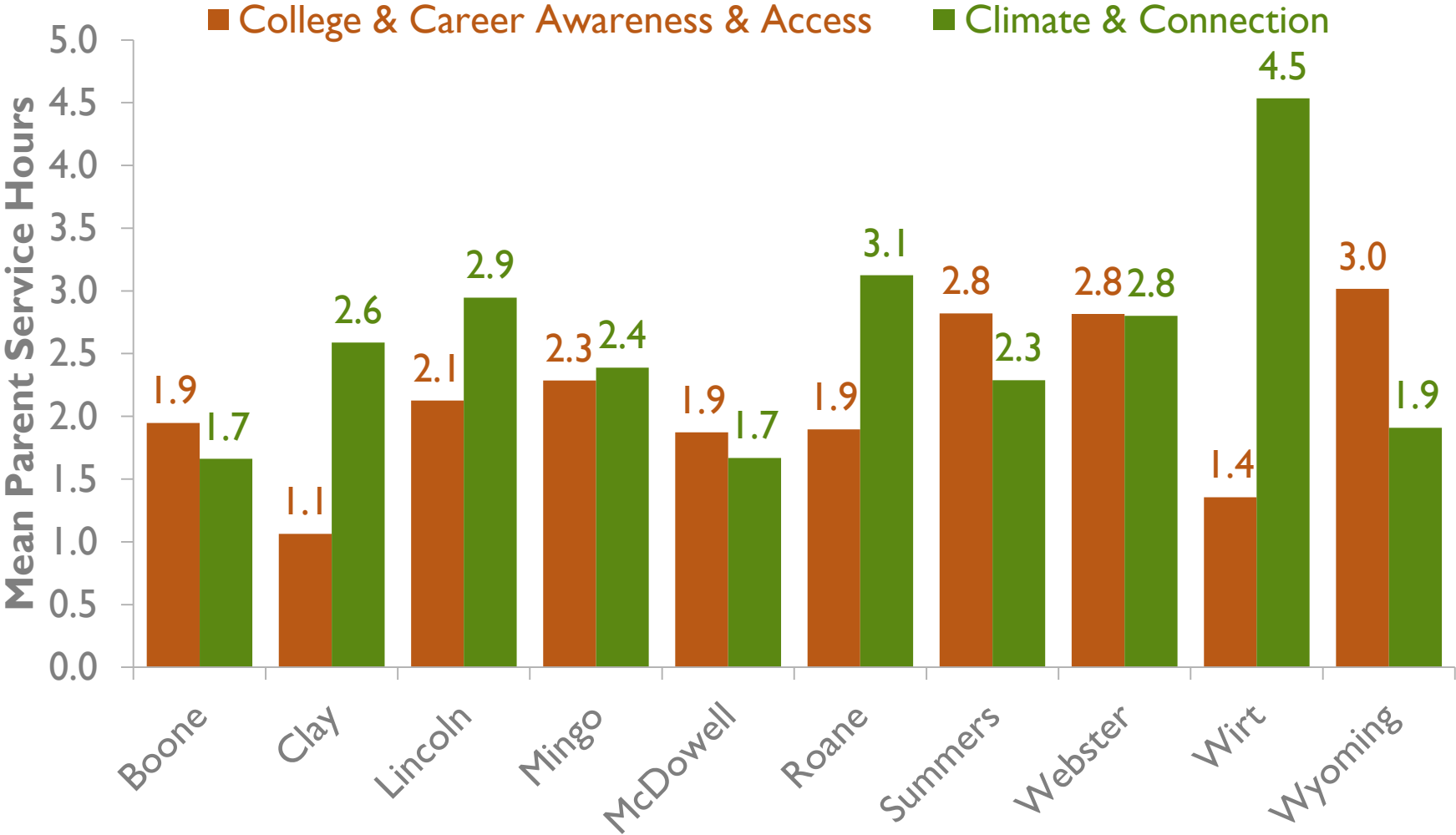
Exposure: Mean Hours by Type



Exposure: Mean Hours, Type & Year



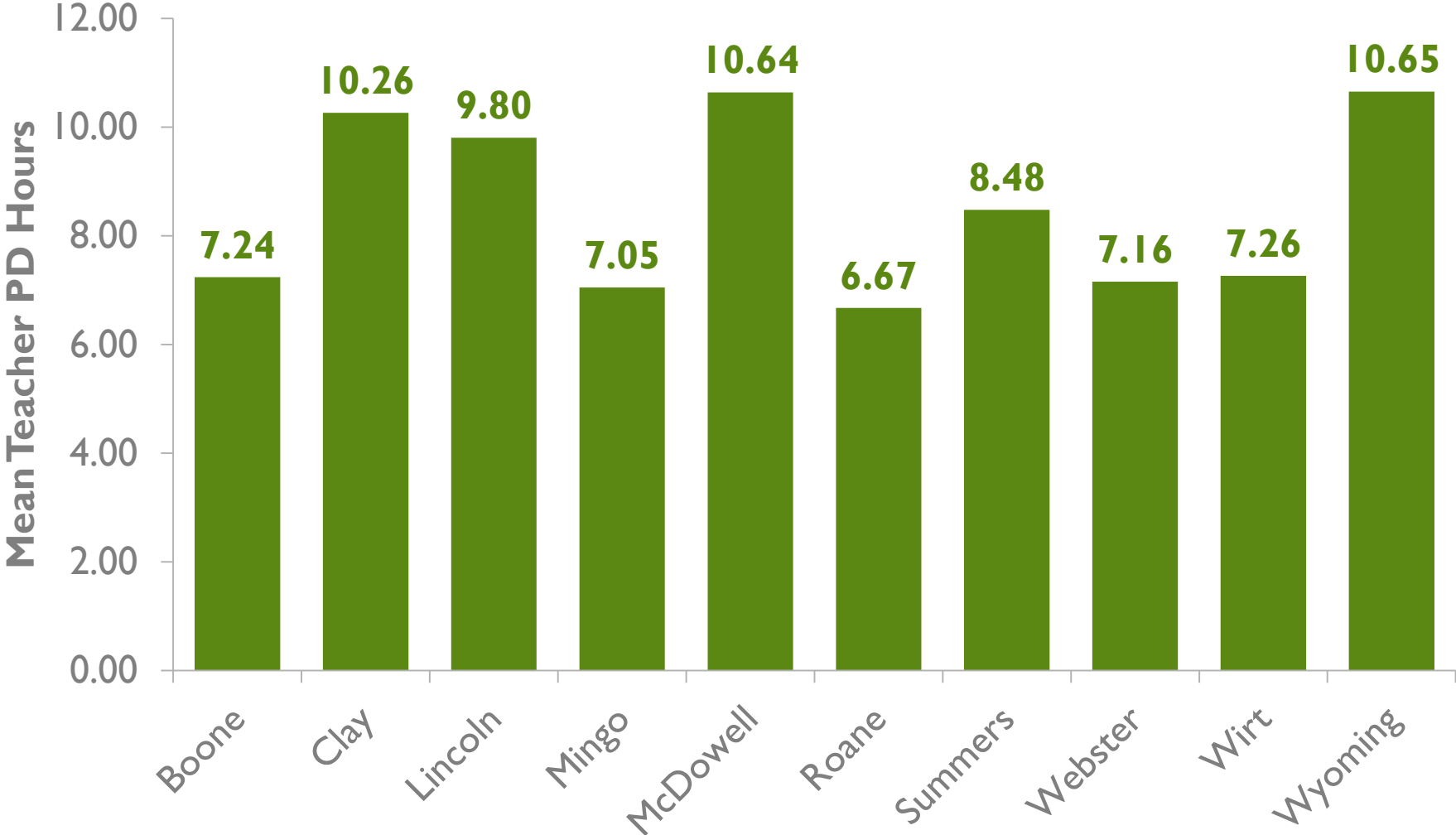
Exposure: Mean Hours, Type & County



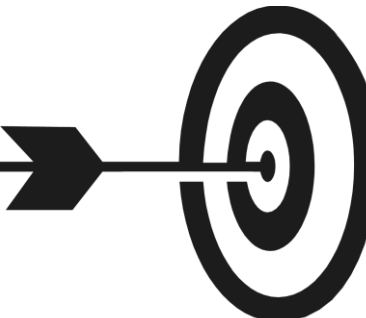
Exposure: Mean PD Hours by Year



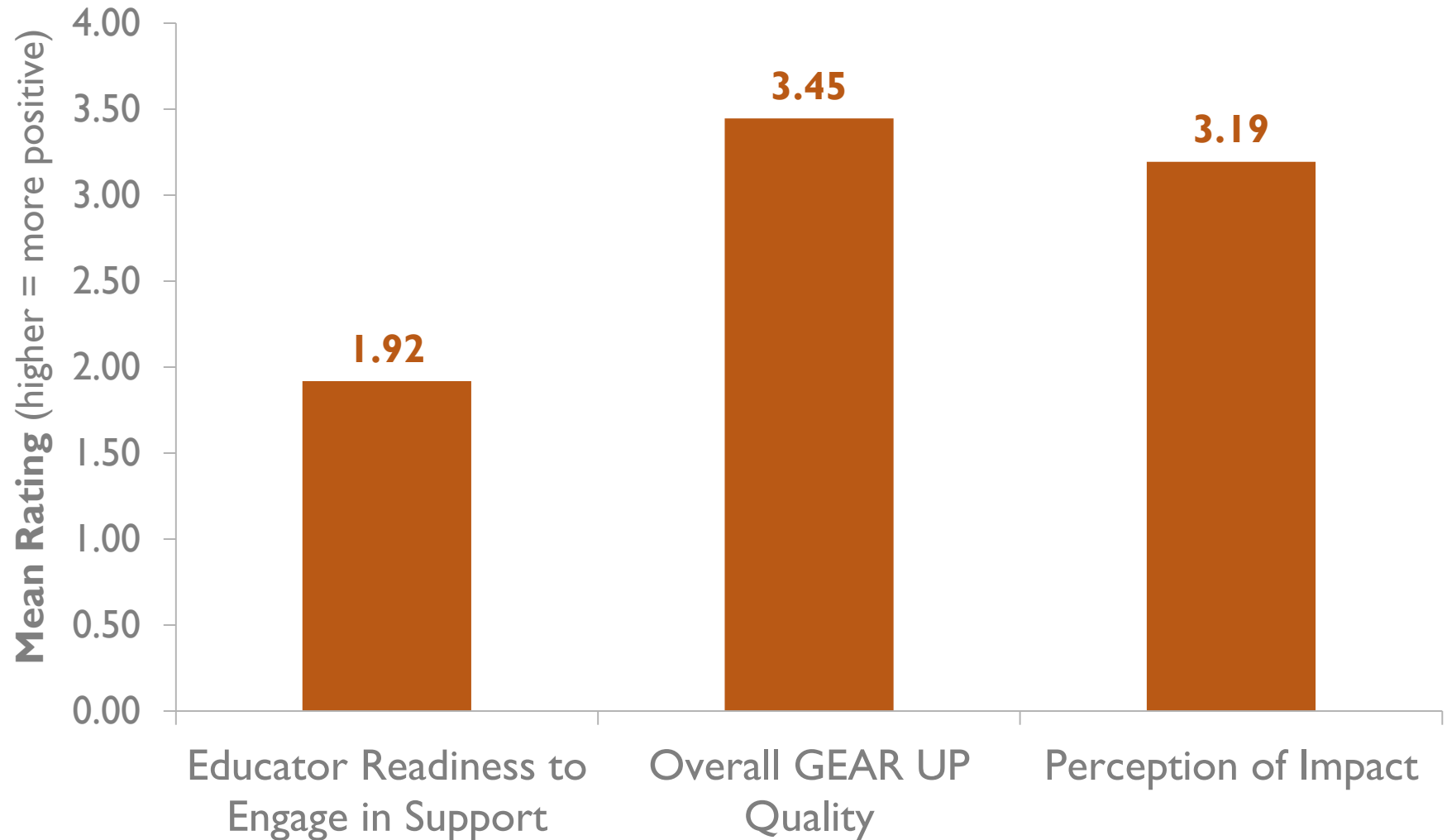
Exposure: Mean PD Hours by County



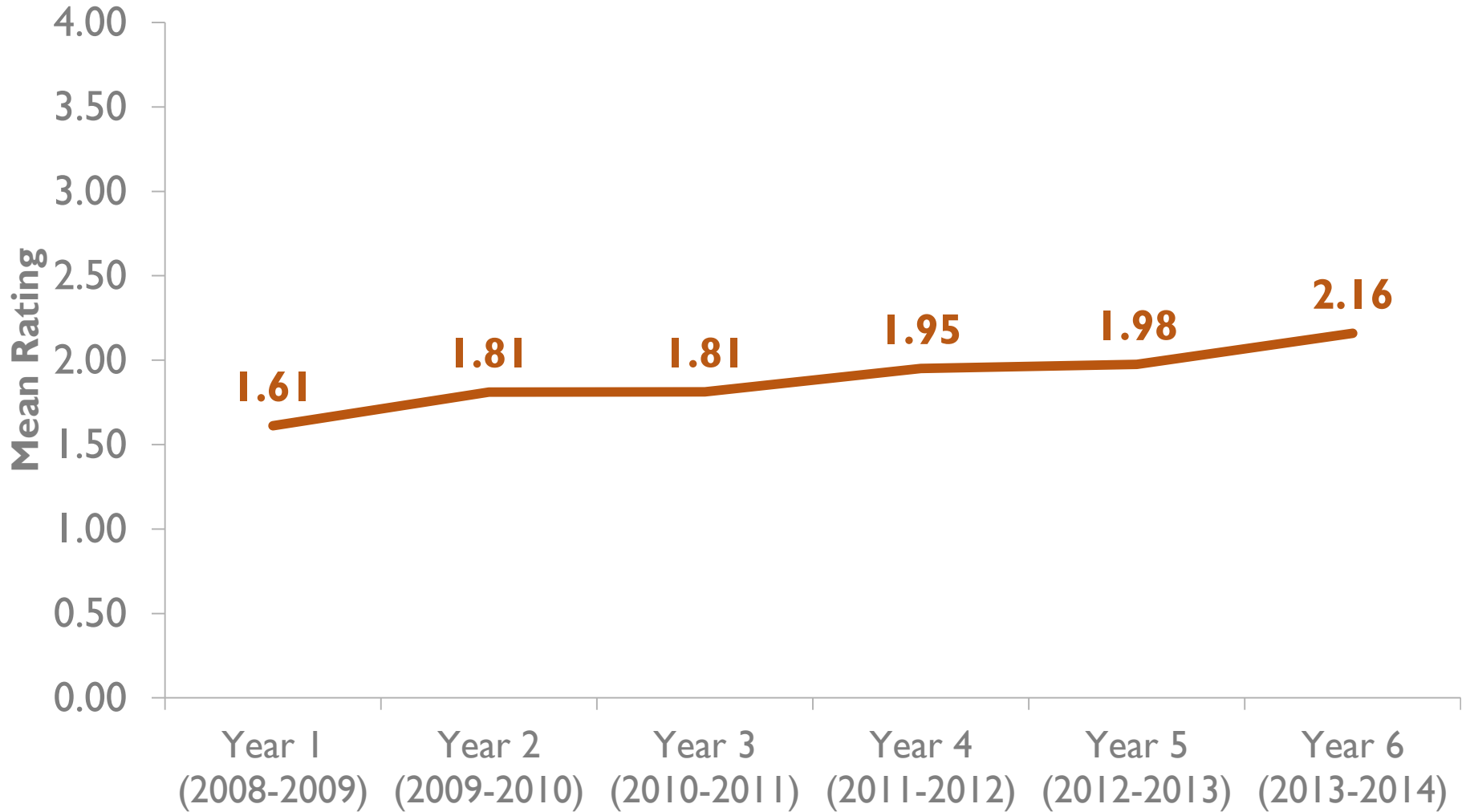
Quality: Participant Perceptions

- 
- Educator Readiness**
 - Overall Service Quality**
 - Perceptions of Impact**

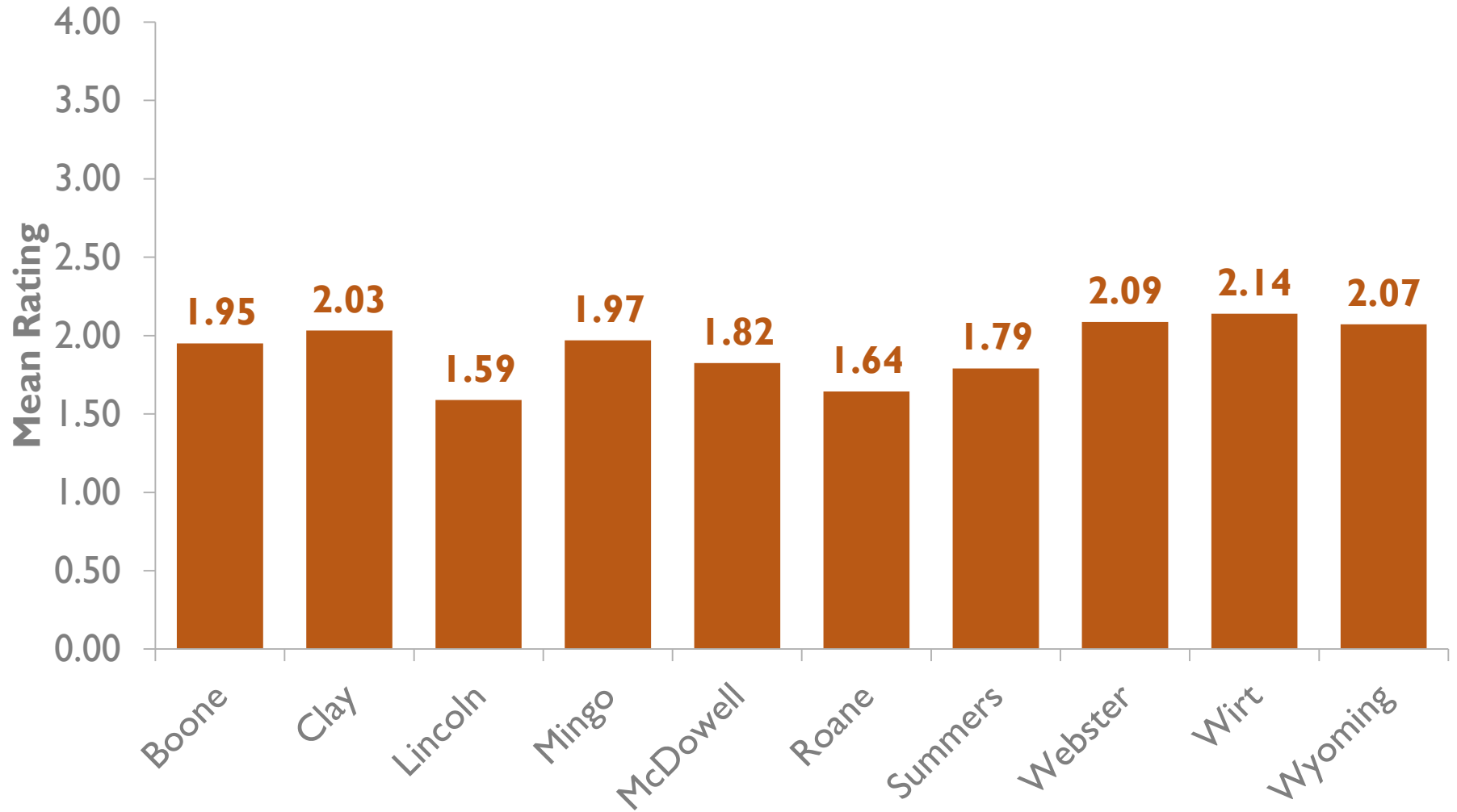
Quality: Overall Perceptions



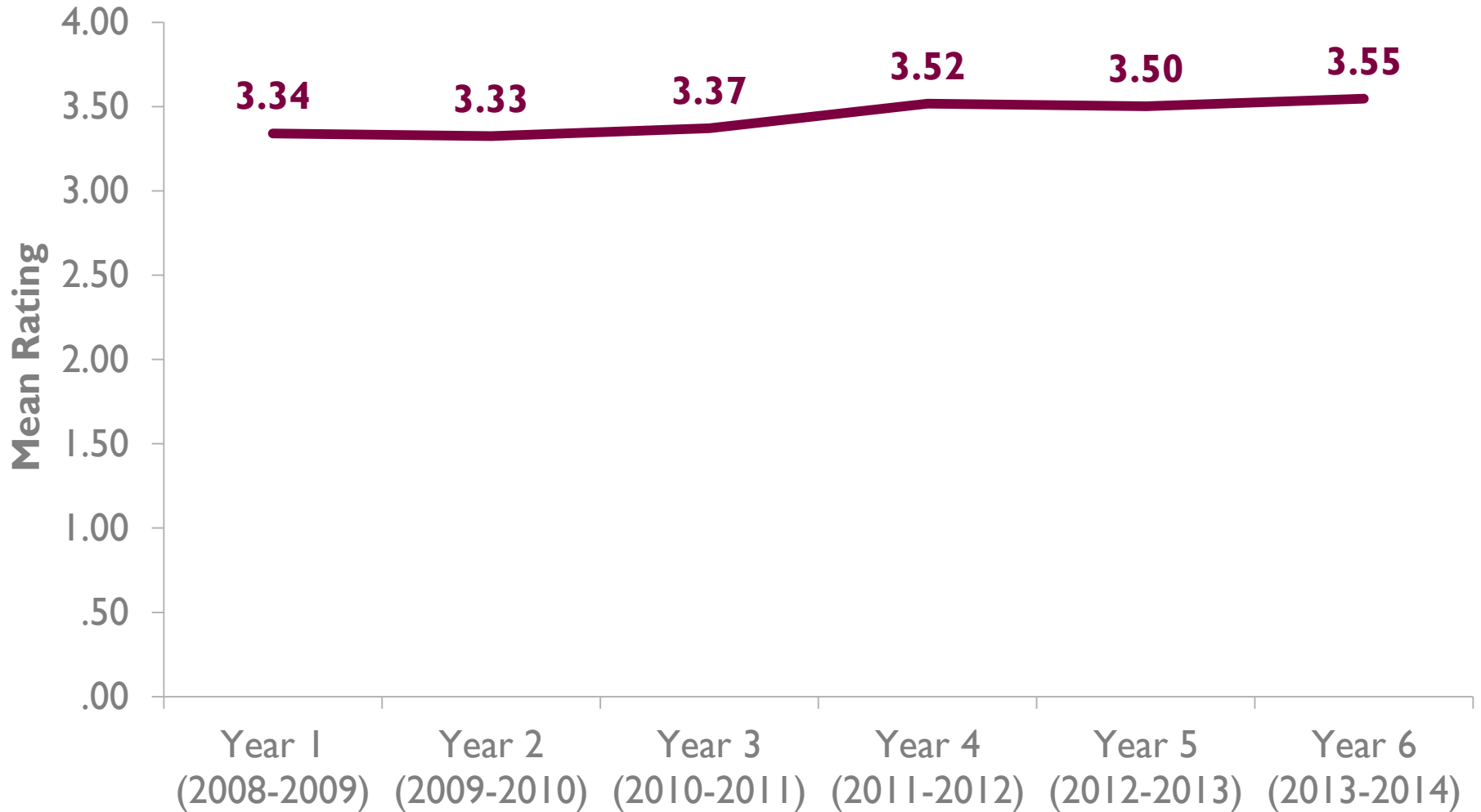
Quality: Educator Readiness



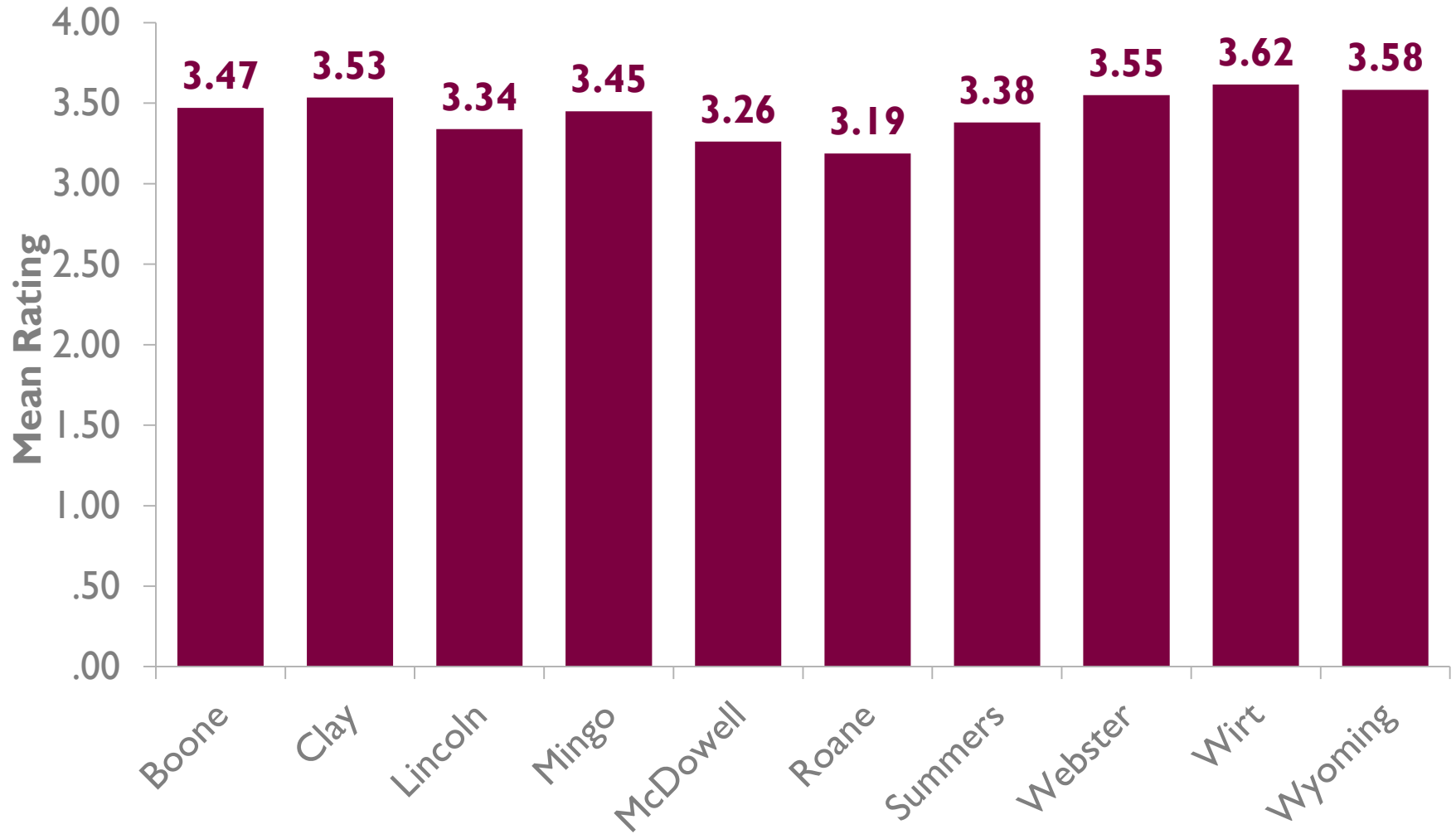
Quality: Educator Readiness



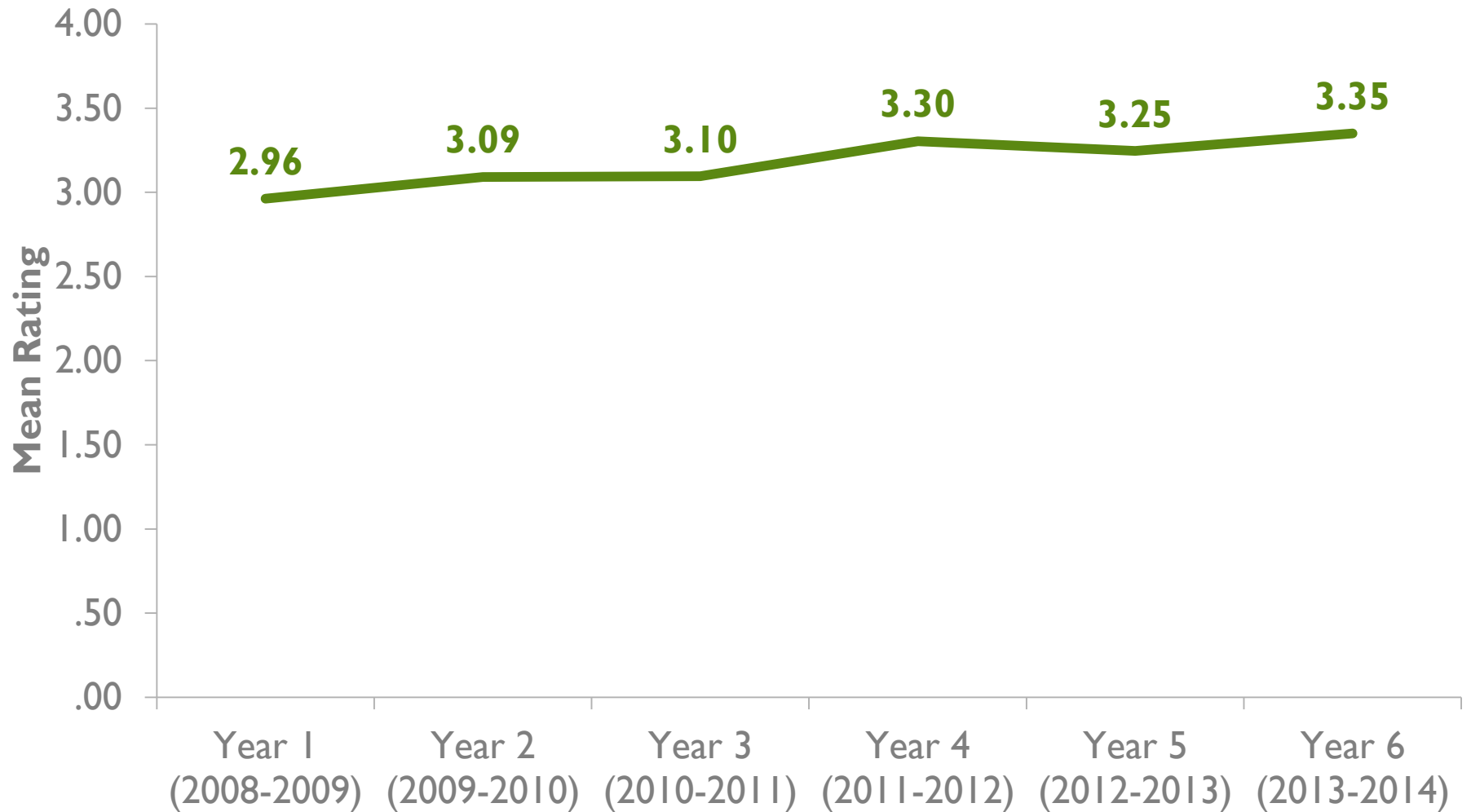
Quality: Overall Service Quality



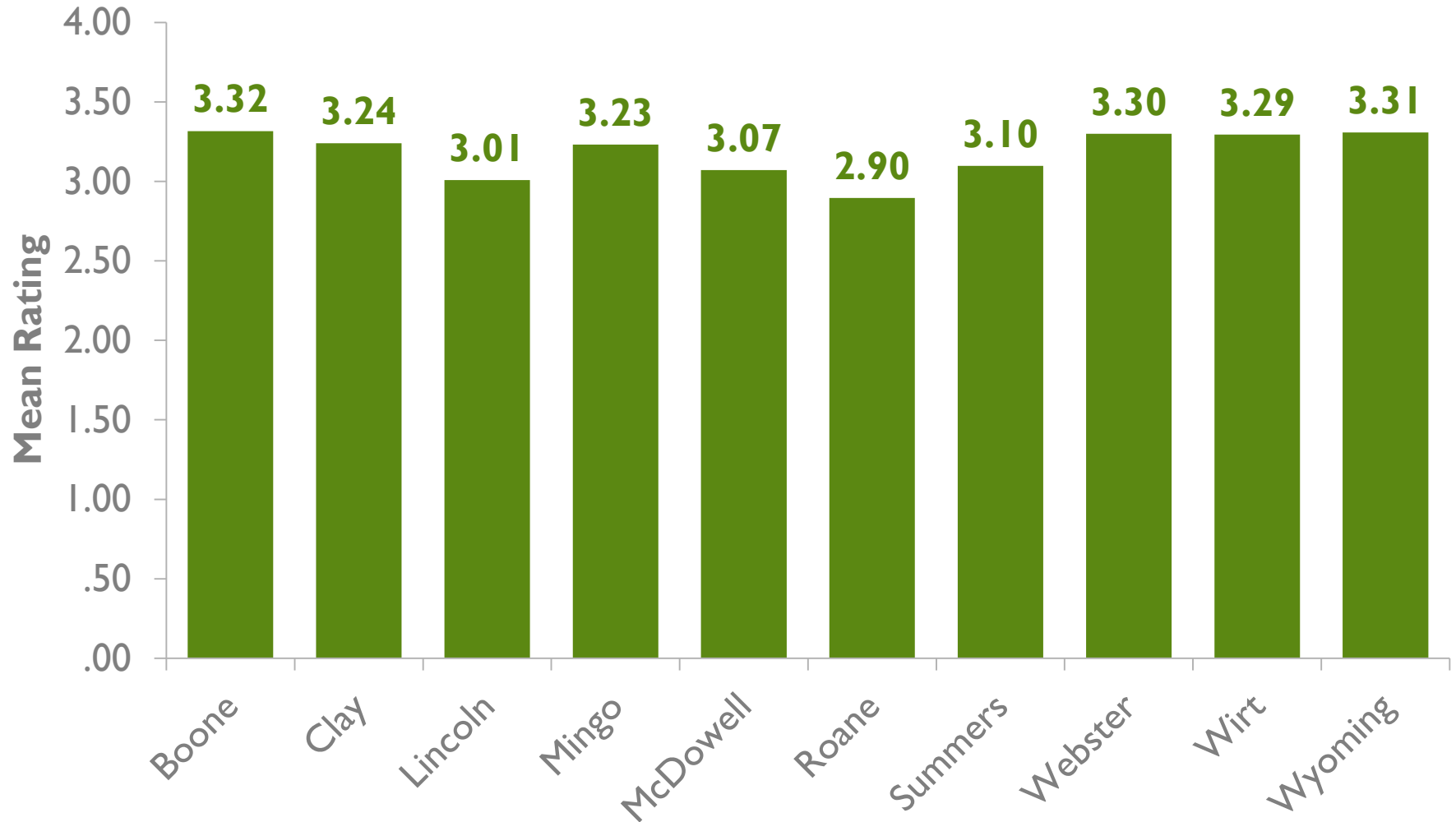
Quality: Overall Service Quality



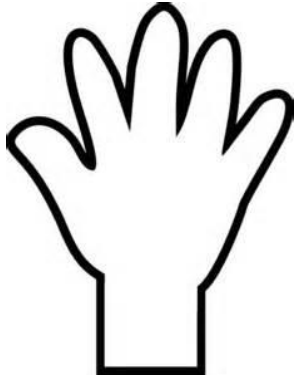
Quality: Perception of Impact



Quality: Perception of Impact



Response: Stakeholders' Reactions



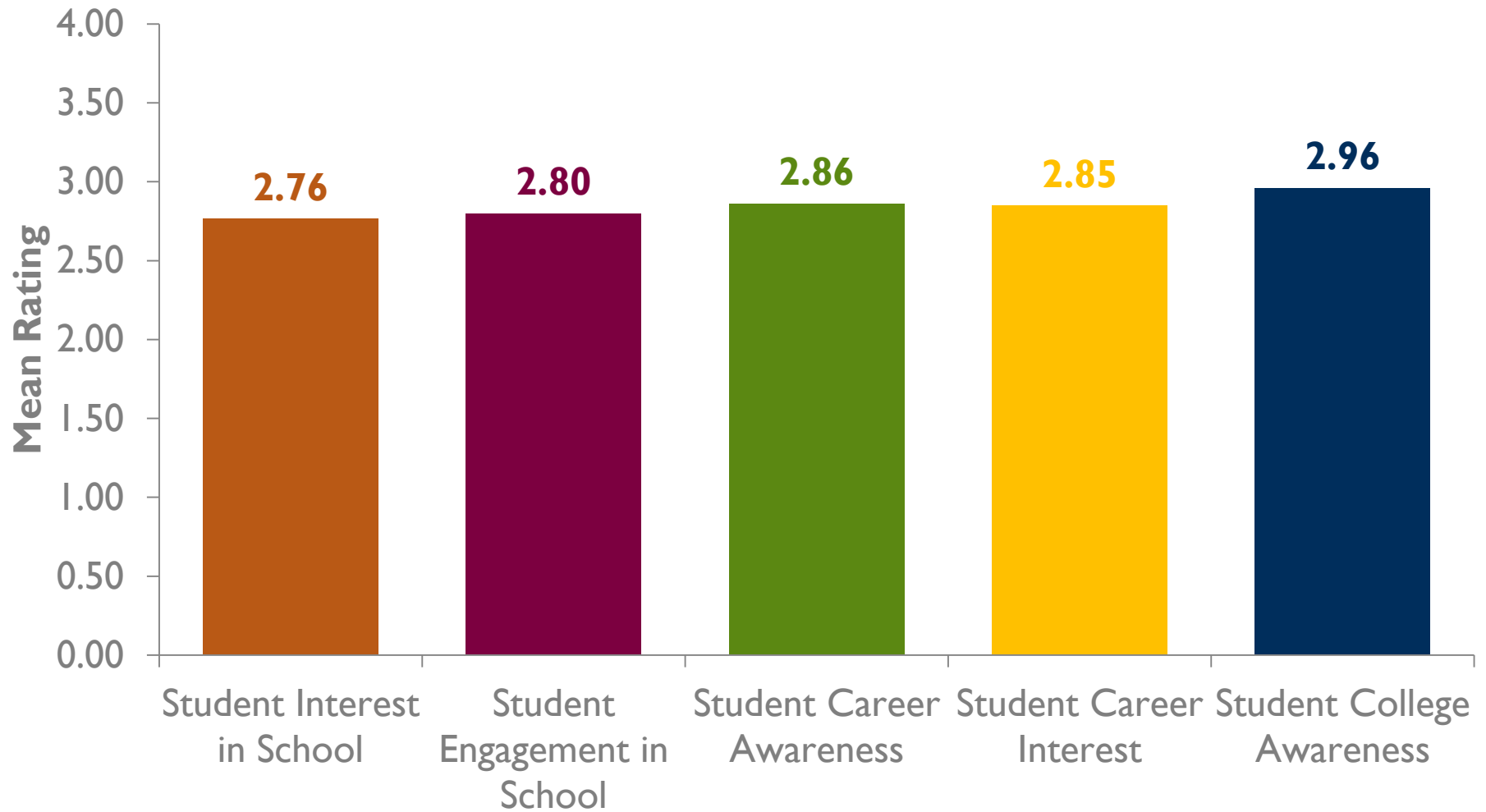
□ Educators' Perceptions

- Student reactions: engagement, interest, awareness

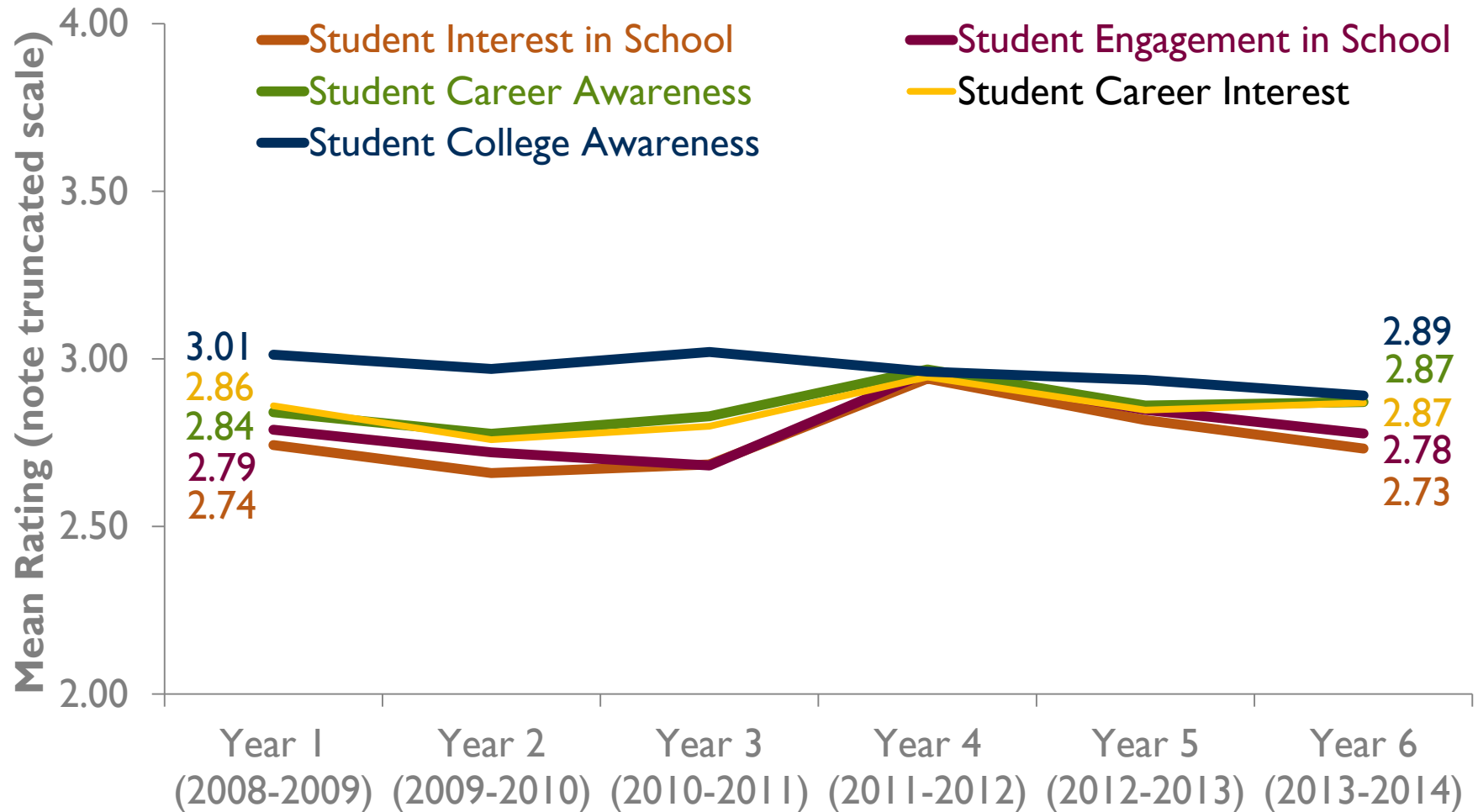
□ Student & Parent Satisfaction

- Overall GEAR UP services

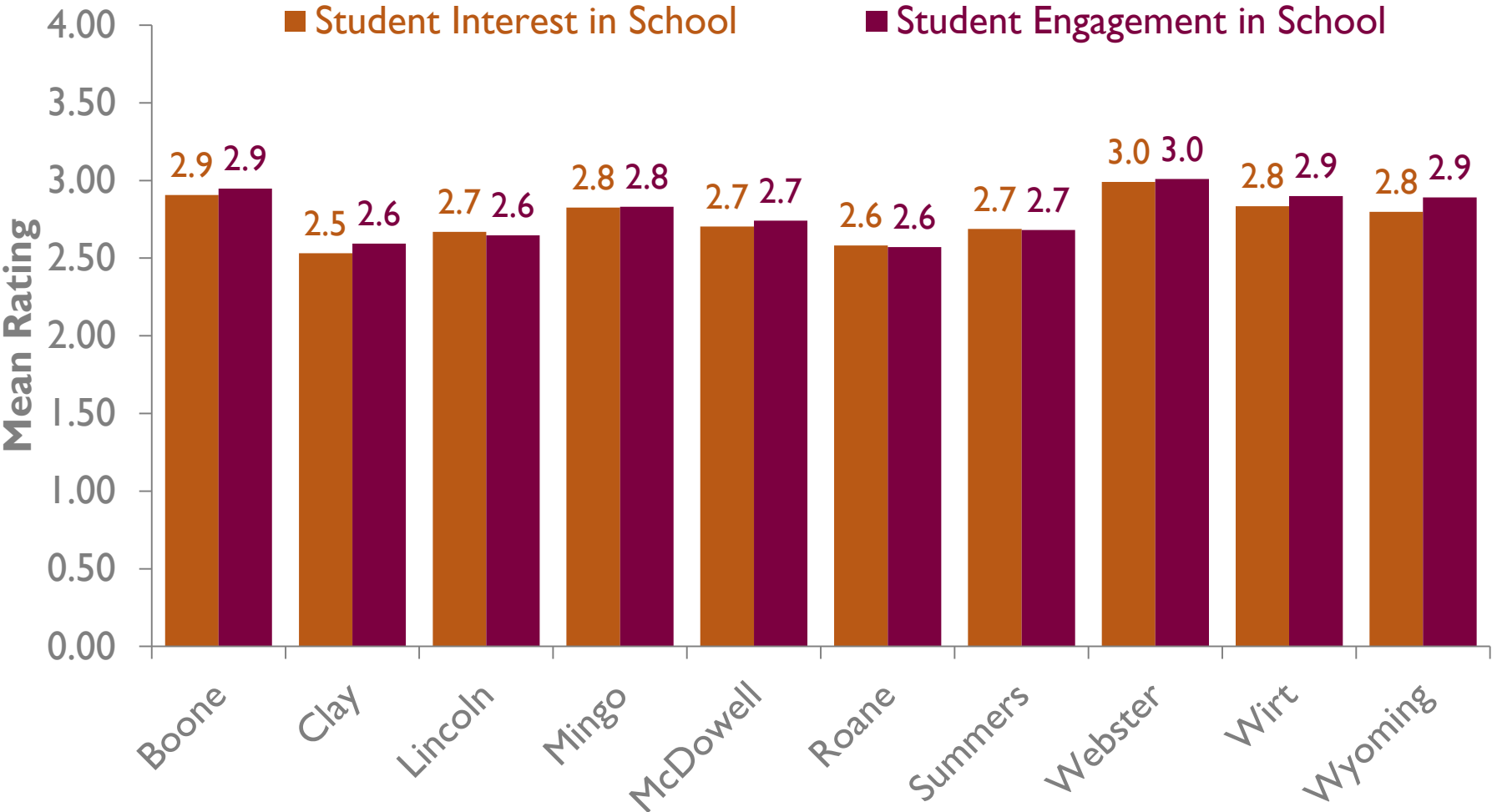
Response: Student Awareness, Interest, and Engagement (Overall)



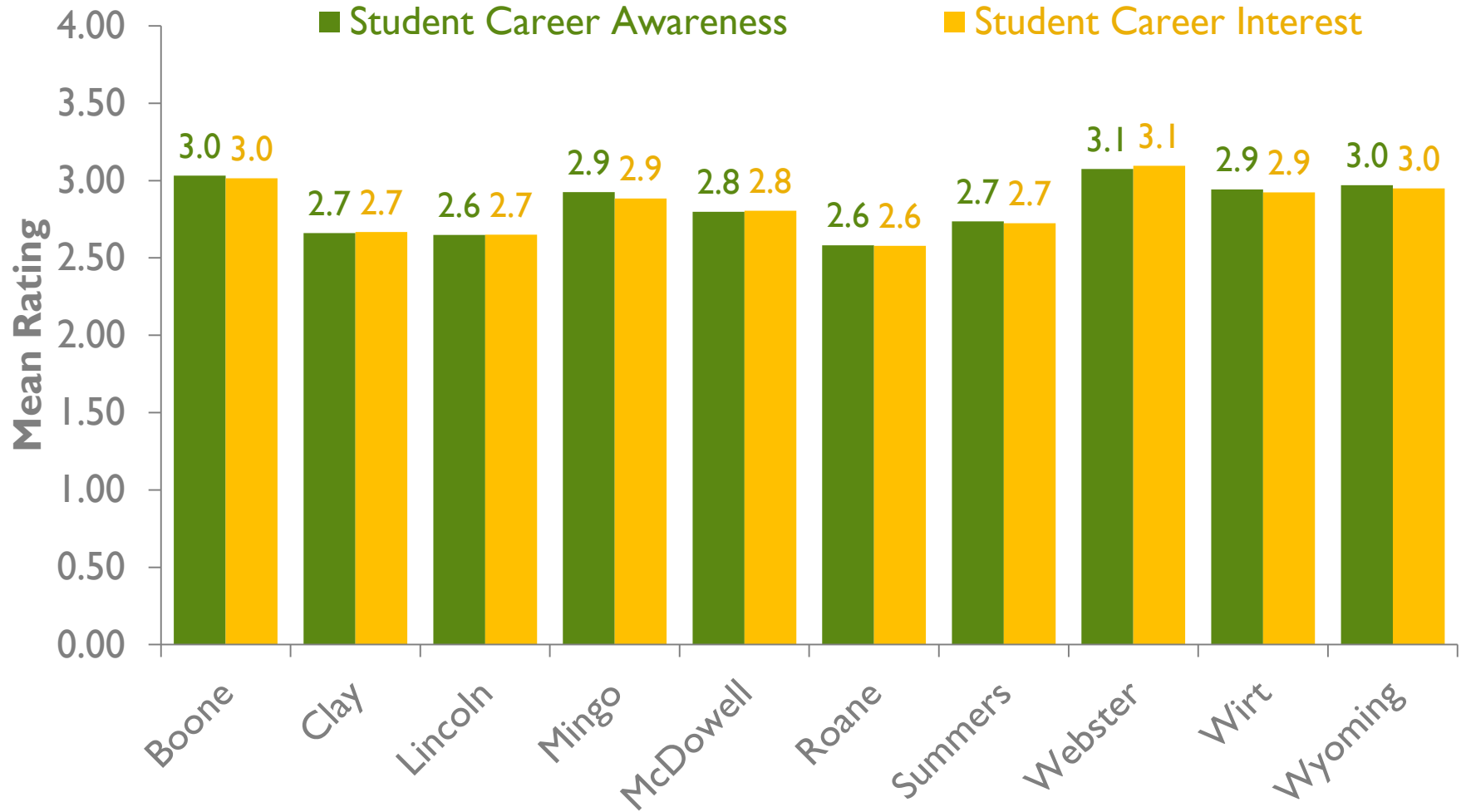
Response: Student Awareness, Interest, and Engagement by Year



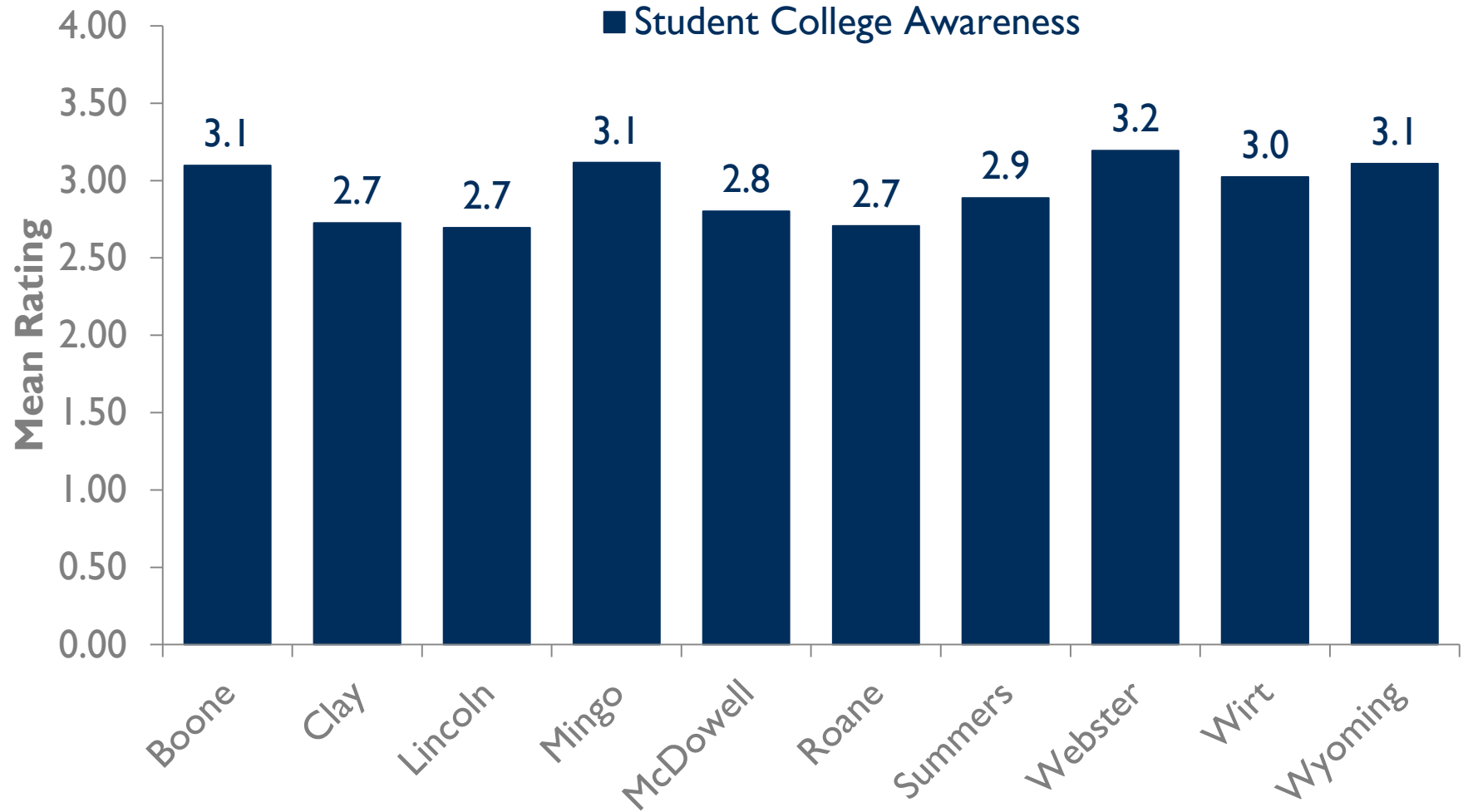
Response: Student Interest and Engagement by County



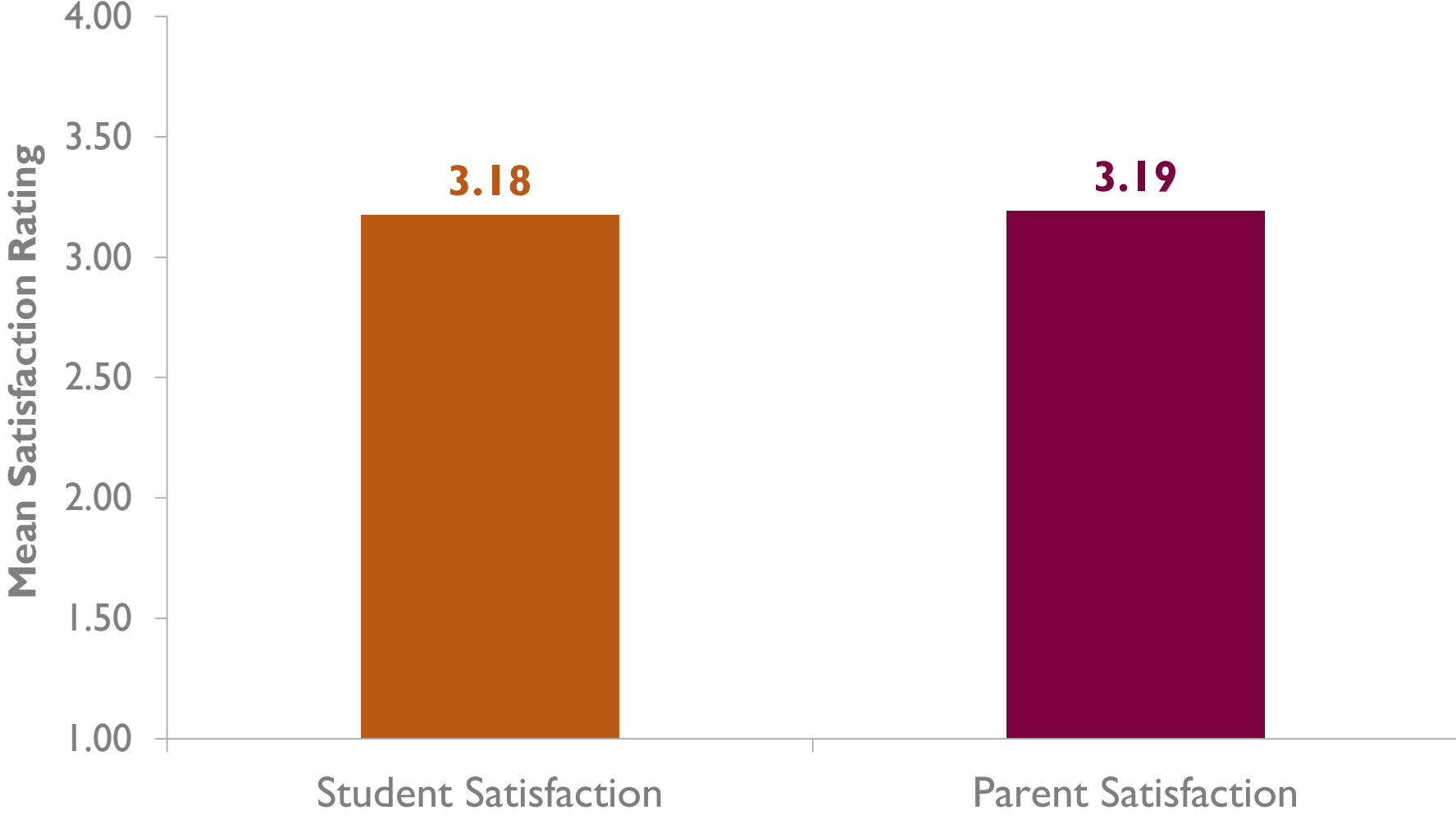
Response: Student Career Awareness and Interest by County



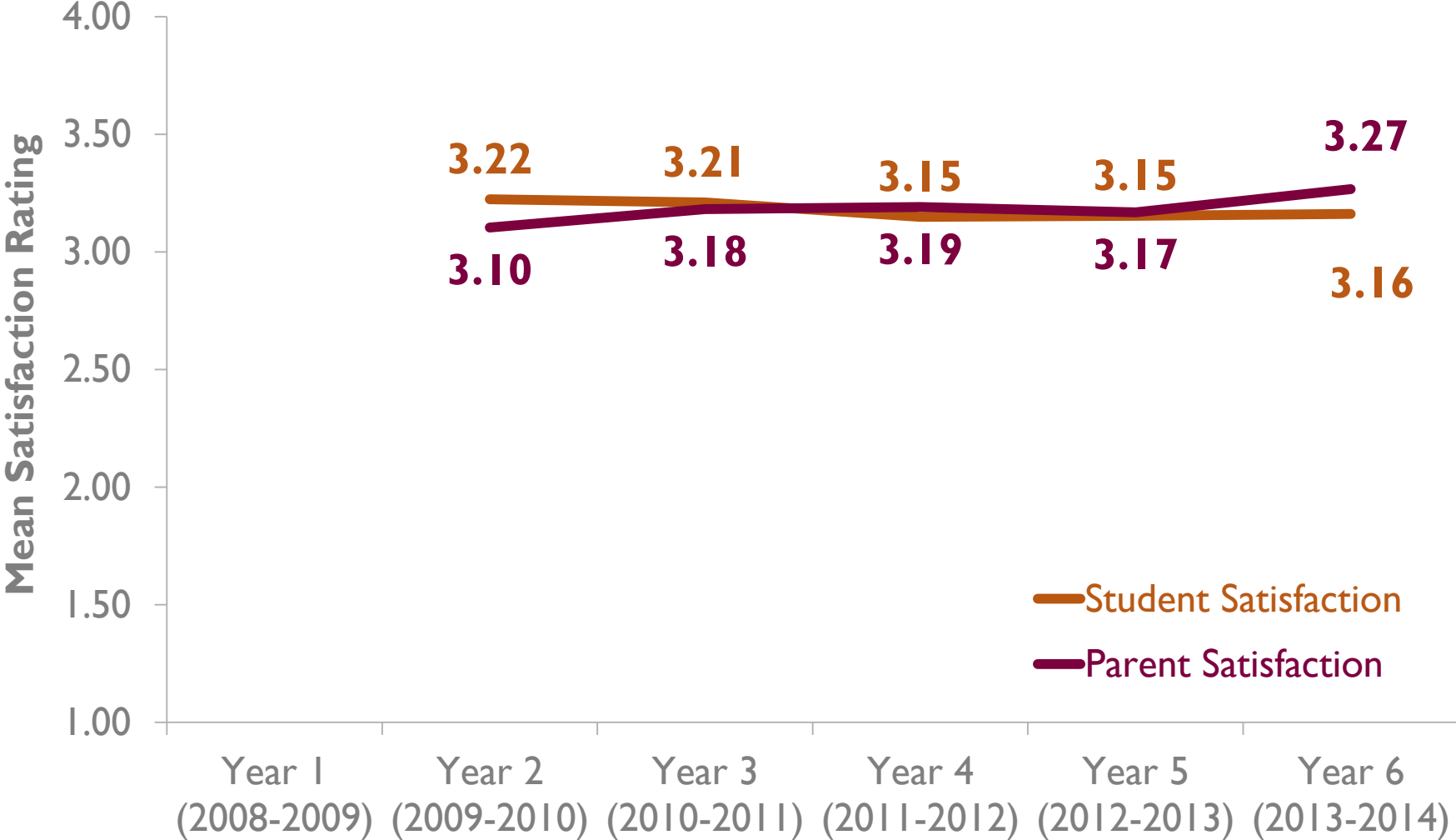
Response: Student College Awareness by County



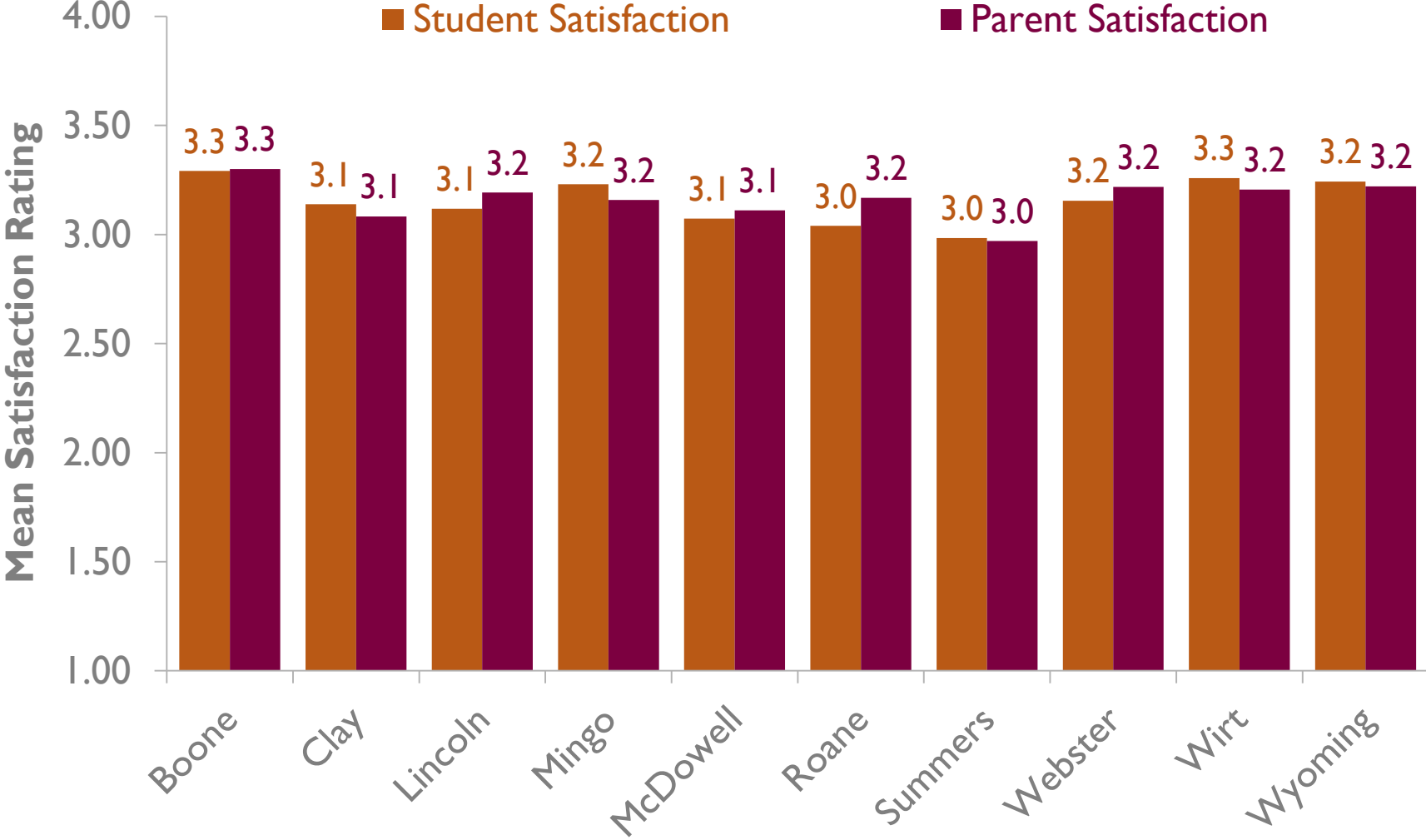
Response: Student & Parent Satisfaction



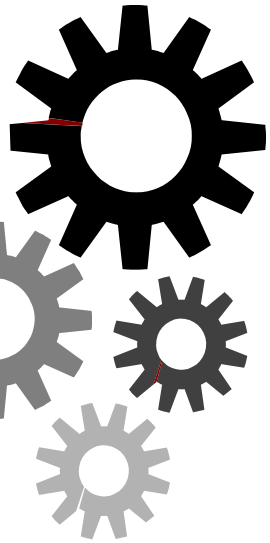
Response: Student & Parent Satisfaction



Response: Student & Parent Satisfaction

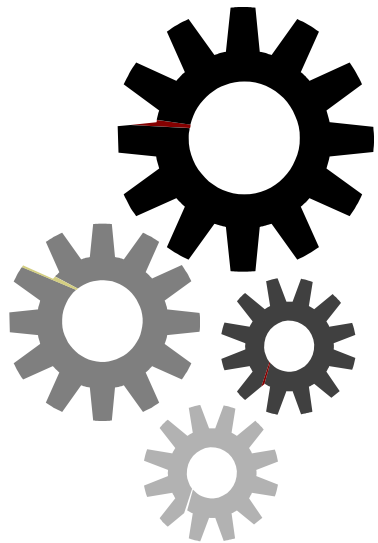


Conclusion & Discussion



- ❑ Teachers: Highest adherence
- ❑ Students: Greatest level of exposure
 - Most exposure to academic support
- ❑ Adherence & Exposure: Differed most over time and across counties
- ❑ Quality & Responsiveness: much less variation over time, across the state

Conclusion & Discussion



- ❑ Some fluctuations over time
 - Expected and generally reasonable, given changing needs of program and stakeholders
- ❑ Some variations among counties
 - Expected but not entirely desirable
- ❑ Structural ratings not necessarily related to procedural ratings

Questions for you . . .



- ❑ What do you do to maintain adherence and exposure across sites?
 - How much site-level variation can you tolerate?
- ❑ How to you maintain enthusiasm among key implementers?

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