



Plains Environmental Education Partnership

Pre-K-12 Dashboard

OVERVIEW

Environmental Education is a process that helps individuals, communities and organizations learn more about the environment, and develop skills and understanding about how to address global challenges (NAAEE, 2022). Our 2023 regional Environmental Education Landscape Analysis for the Plains and Rocky Mountain Regions has been a resoundingly successful step towards advancing environmental literacy across six states, providing a much-needed, comprehensive look at our field.

In 2024, we continued these efforts, gathering data from nearly 500 PK-12 teachers and administrators in the six states within the Plains and Rocky Mountain Regions which has enabled us to get the full picture of EE happening in schools throughout the region. The two datasets together offer us the most extensive picture ever collected of current EE offerings in the region and what gaps and barriers exist in both formal and nonformal settings for students of all ages and in all areas. Comparing the data from nonformal and formal EE providers has allowed us to further our goal of advancing EE in the region and build collective impact that has a lasting effect on the Plains and Rocky Mountain Regions.

Page Filters

Note: These filters only change the charts on this page!

State(s) ▾

County(ies) ▾

School type(s) ▾

Grade level(s) at the school ▾

Reset Filters

Counties

157

Total Responses

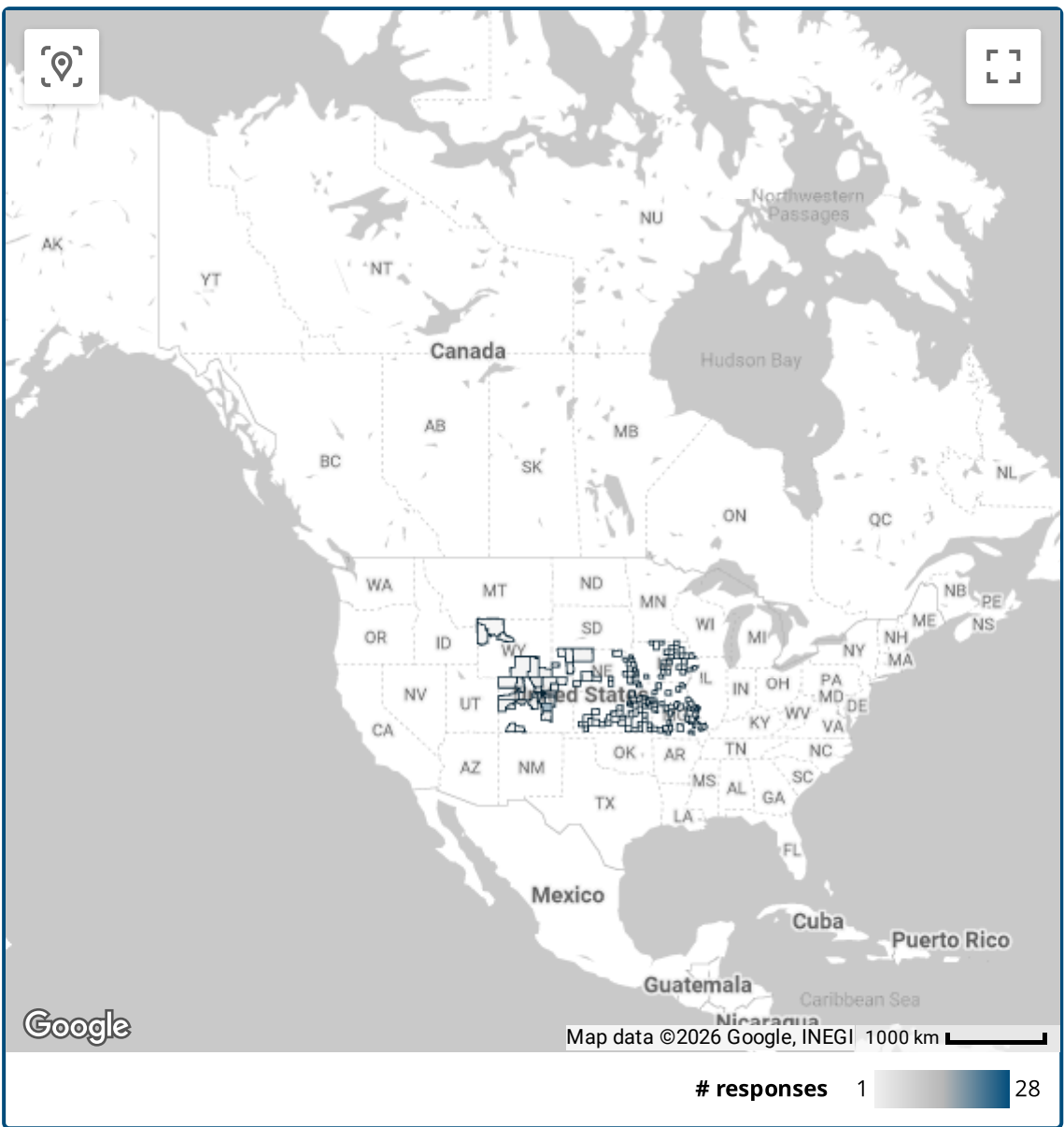
443

Teacher responses

380

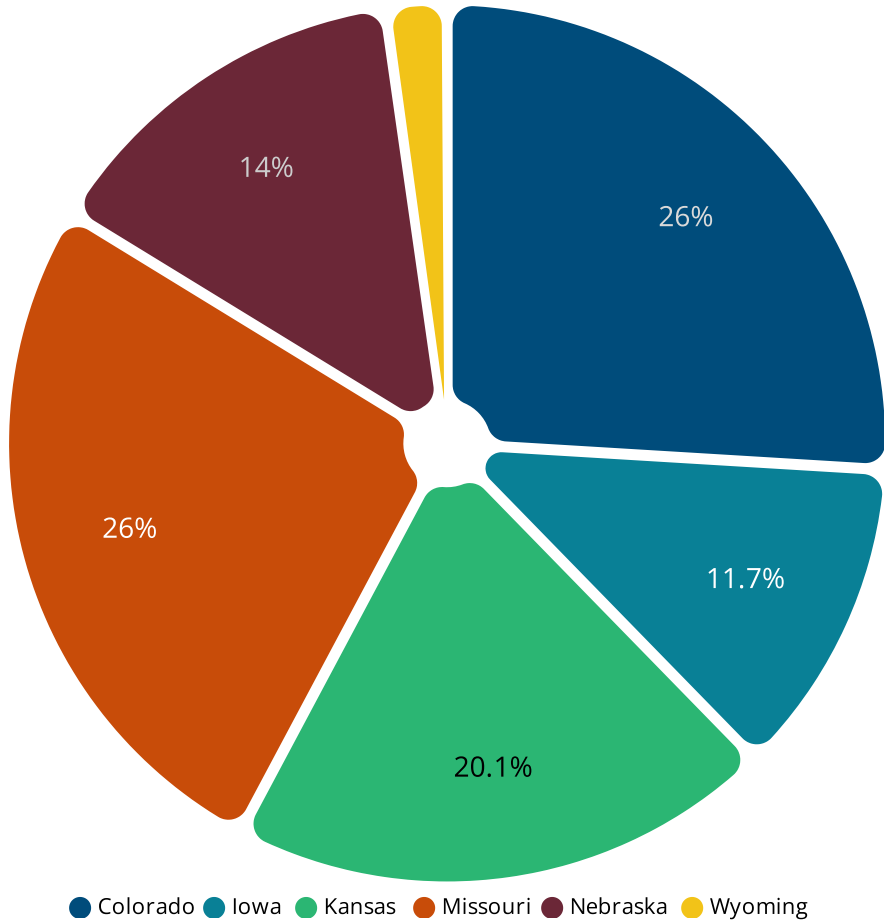
Admin responses

63

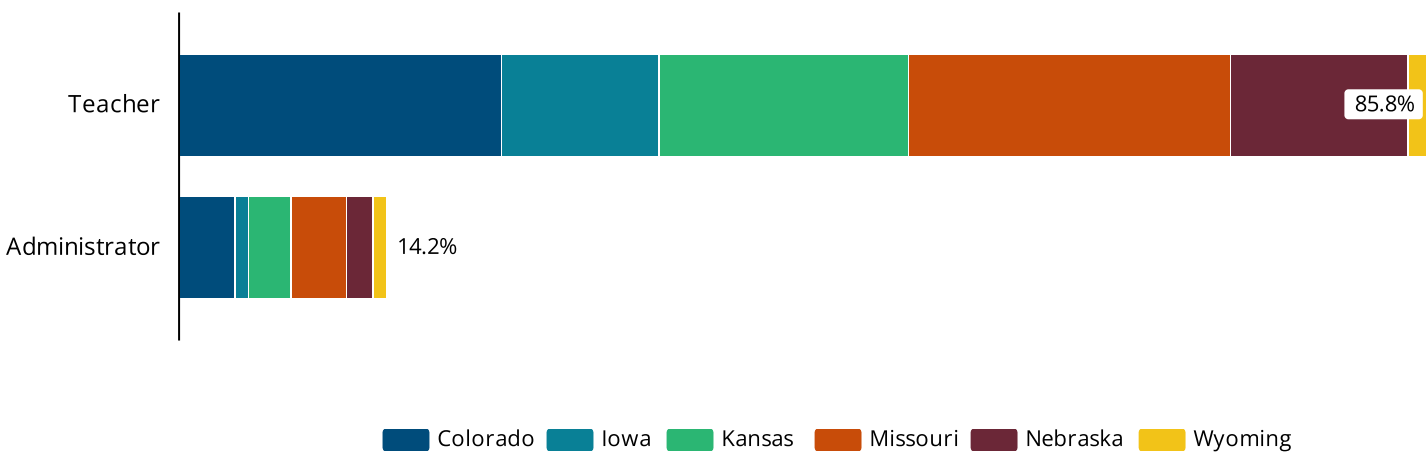


This map shows participation across our region. Since we don't collect exact street addresses, responses are grouped by county. The darker the color, the more responses we received from that area!

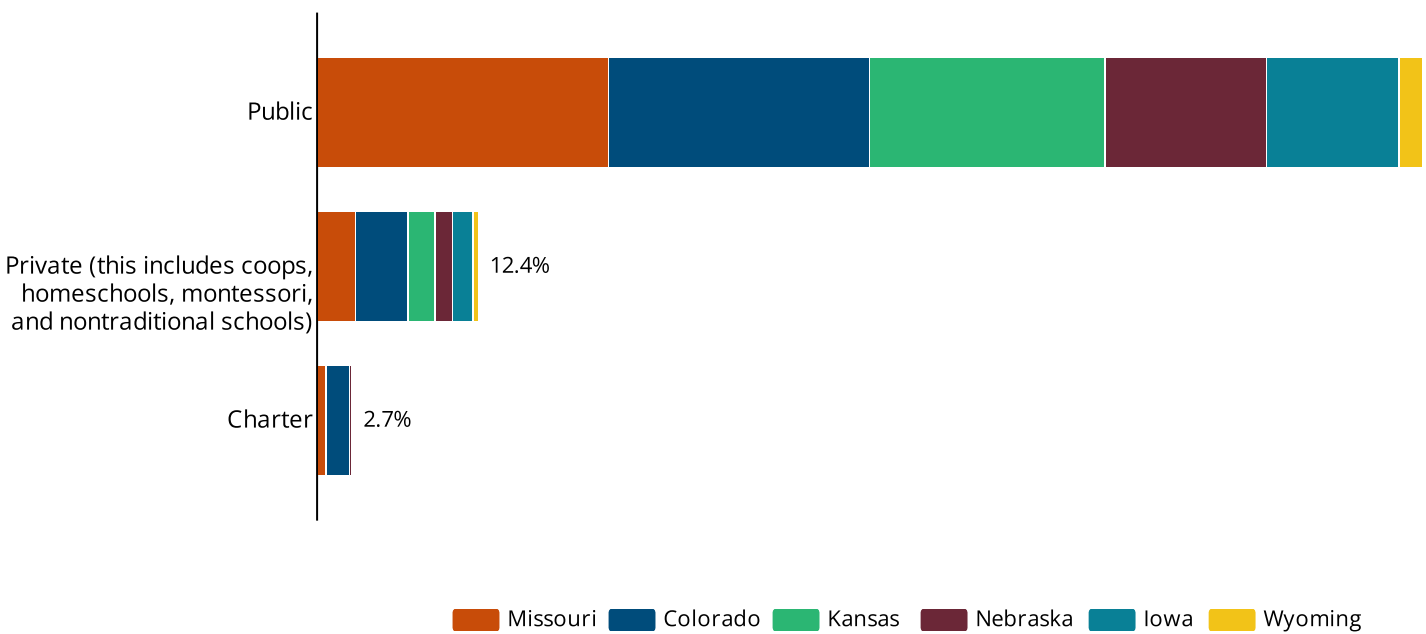
Response Rate by State



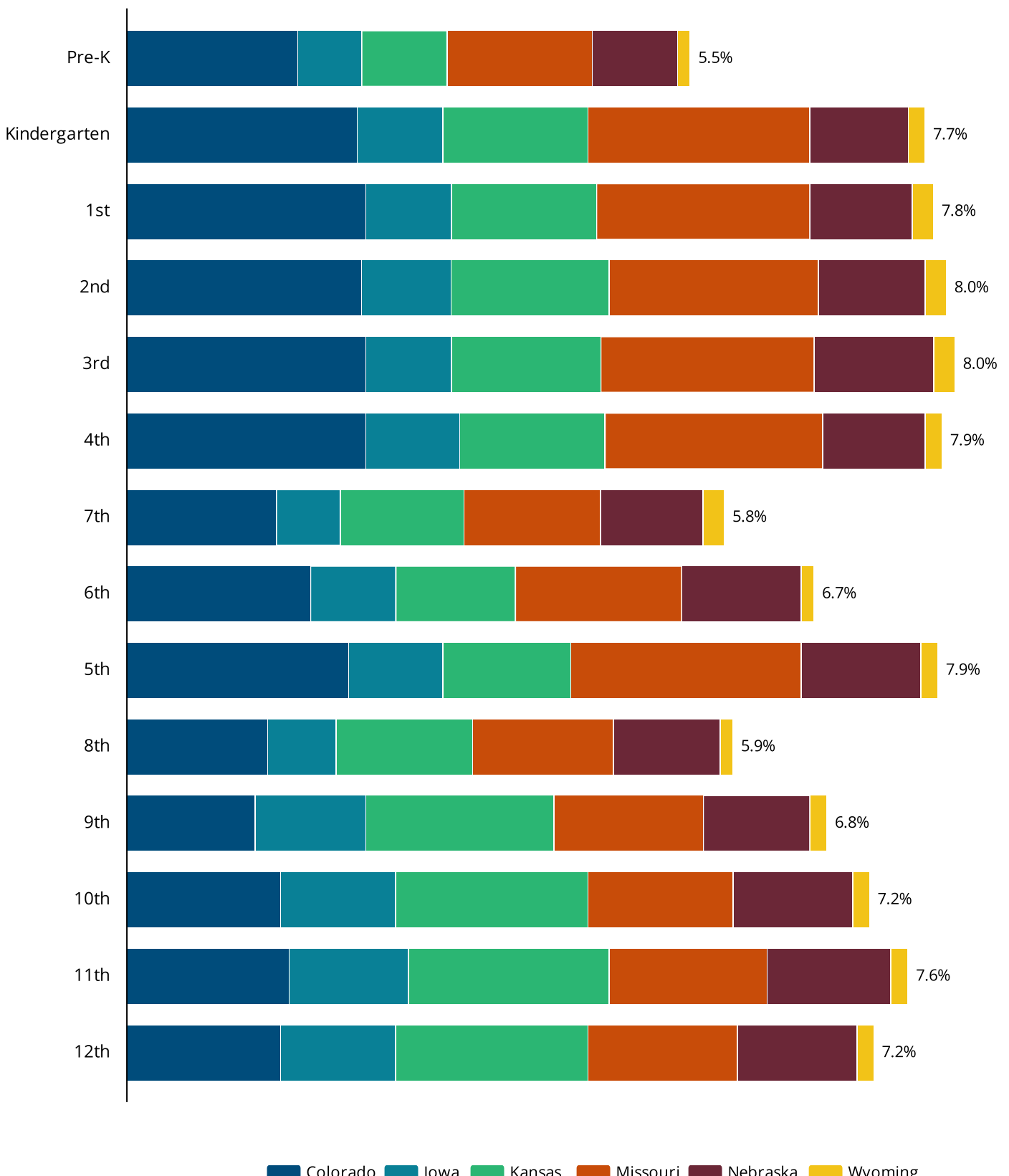
Response Rate by Identified Role



Response Rate by School Type



Grade Levels Taught at School by State



TEACHER OVERVIEW

Page Filters

Welcome to the Teacher Overview! This page highlights survey answers specifically from respondents who selected Teacher as their primary role. You can use the filters below to dive deeper into this data. *(Note: These filters only change the charts on this page!)*

State(s)

County(ies)

School type(s)

Grade level(s) at the school

Reset Filters

Counties

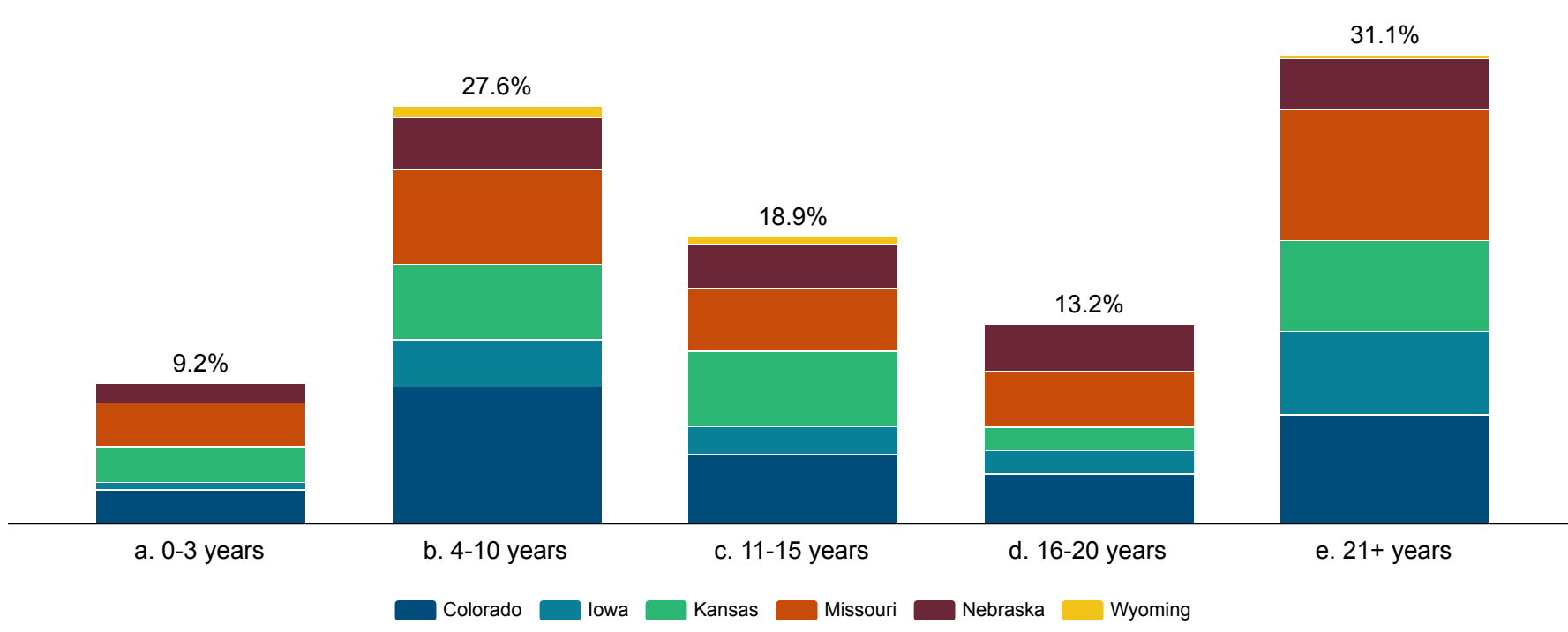
145

Teacher responses

380

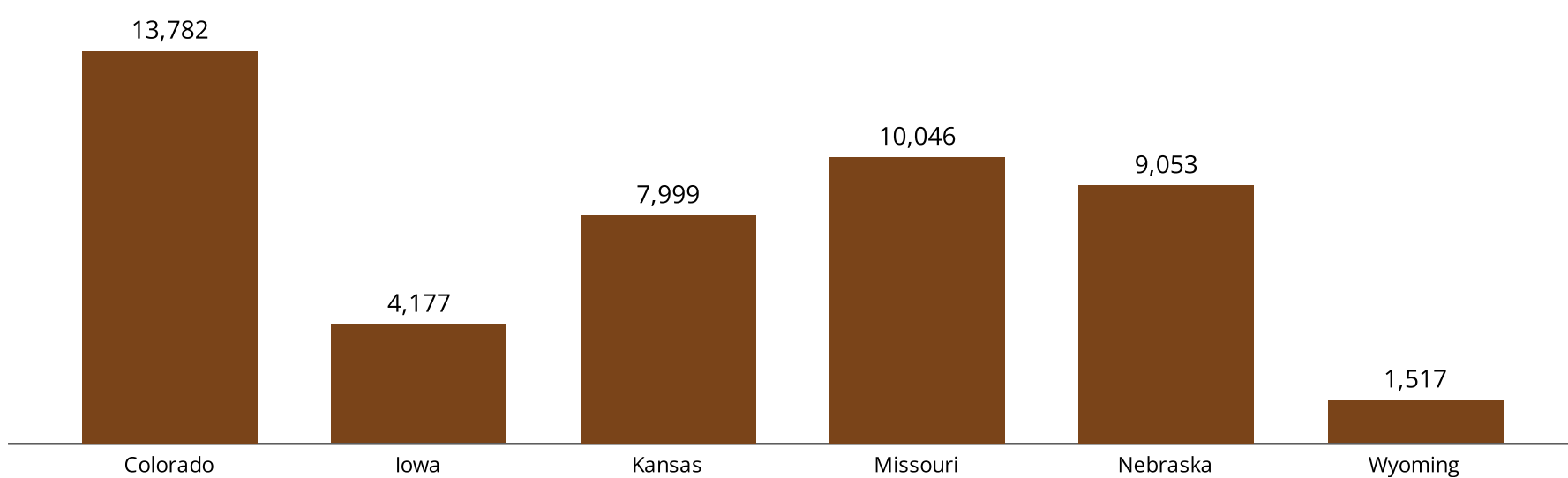


Years of Teaching Experience

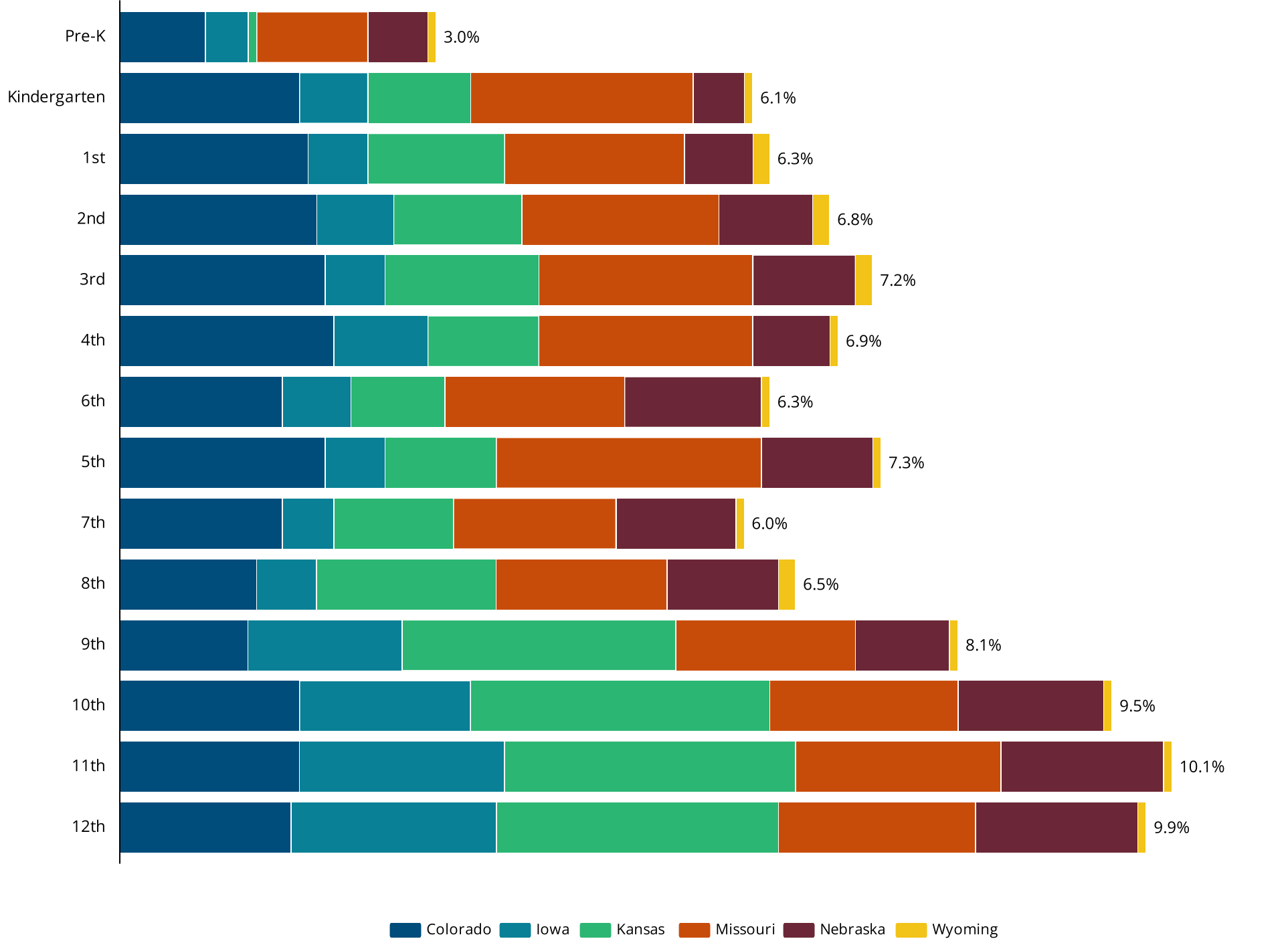


Average Number of Students Taught per Year

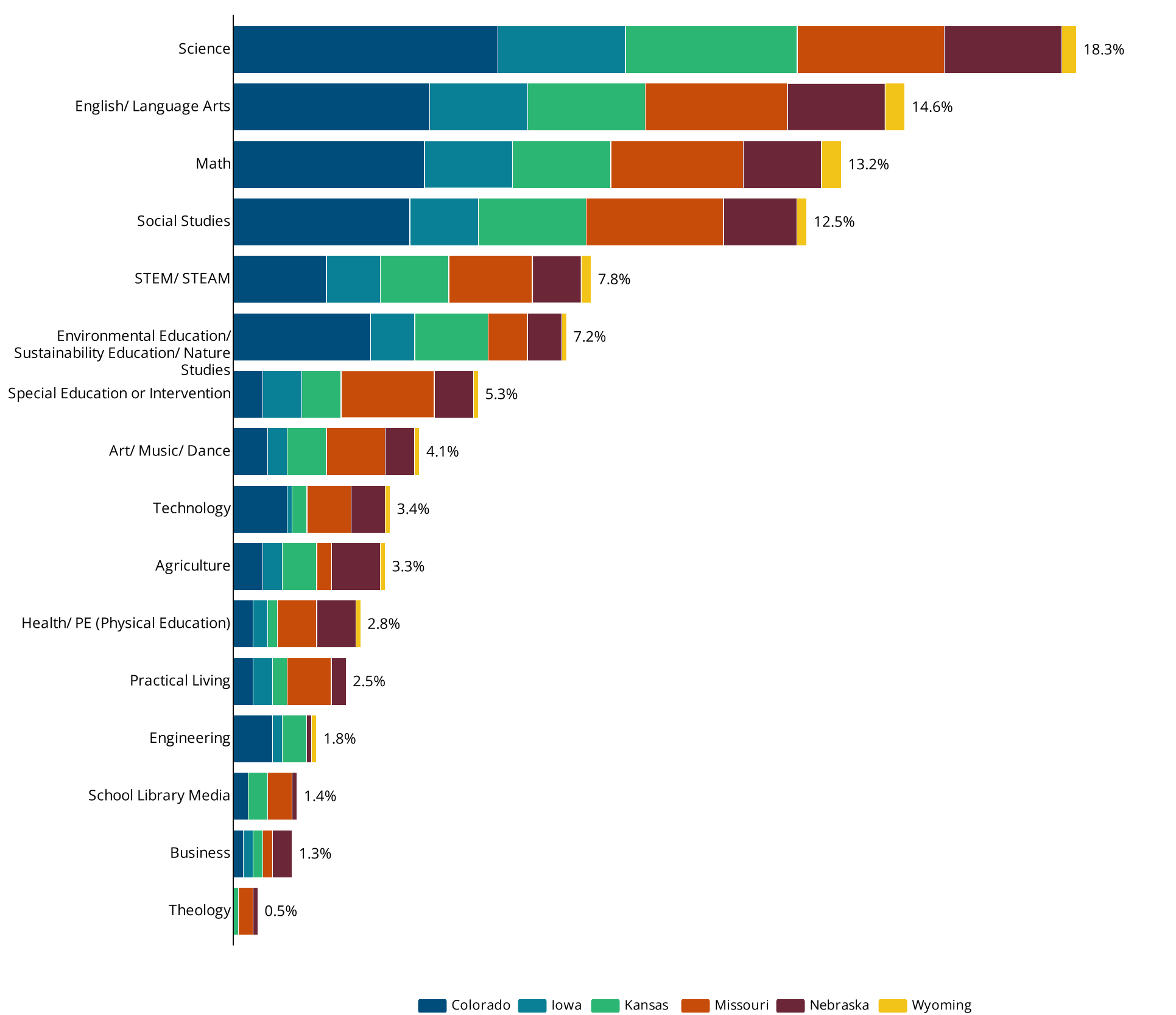
46,574



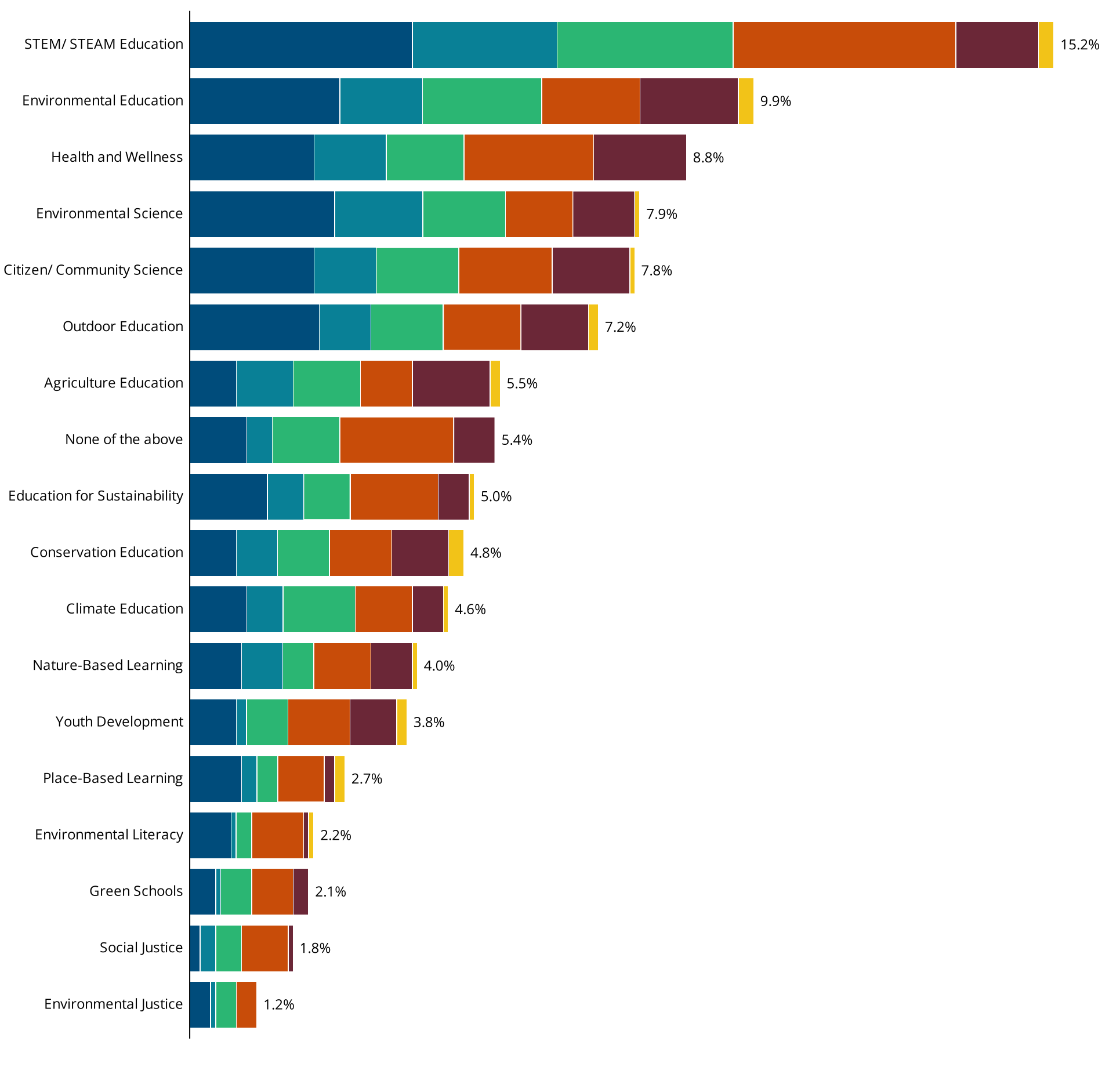
Grade Levels Taught



Subjects and Content Areas Taught



How Teachers Describe Their Work





GREEN SCHOOLS OVERVIEW

Page Filters

A Green School is a school that actively works to protect the environment while creating a healthy, inspiring place for students to learn. These schools make eco-friendly choices every day by focusing on three main goals:

Saving Resources
Reducing waste, conserving water, and using energy efficiently.

Promoting Health
Creating clean, safe, and active spaces for both students and staff.

Learning for the Future
Teaching students about sustainability so they can become tomorrow's environmental leaders.

Note: The charts below specifically highlight data from respondents who indicated their school participates in some form of Green School programming. You can use the filters below to dive deeper into this specific group! (Filters only change the data on this page).

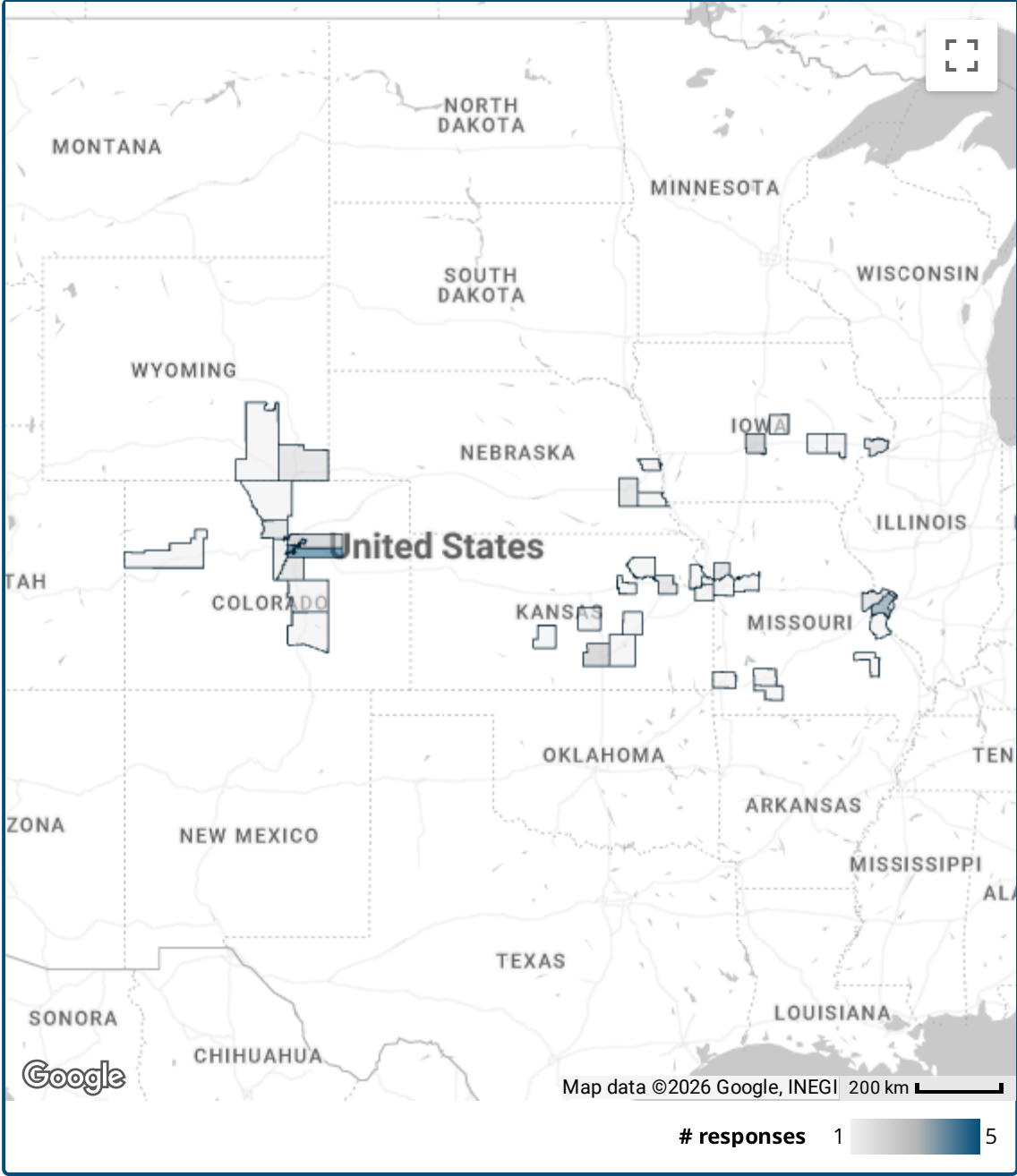
State(s) ▾

County(ies) ▾

School type(s) ▾

Grade level(s) at the school ▾

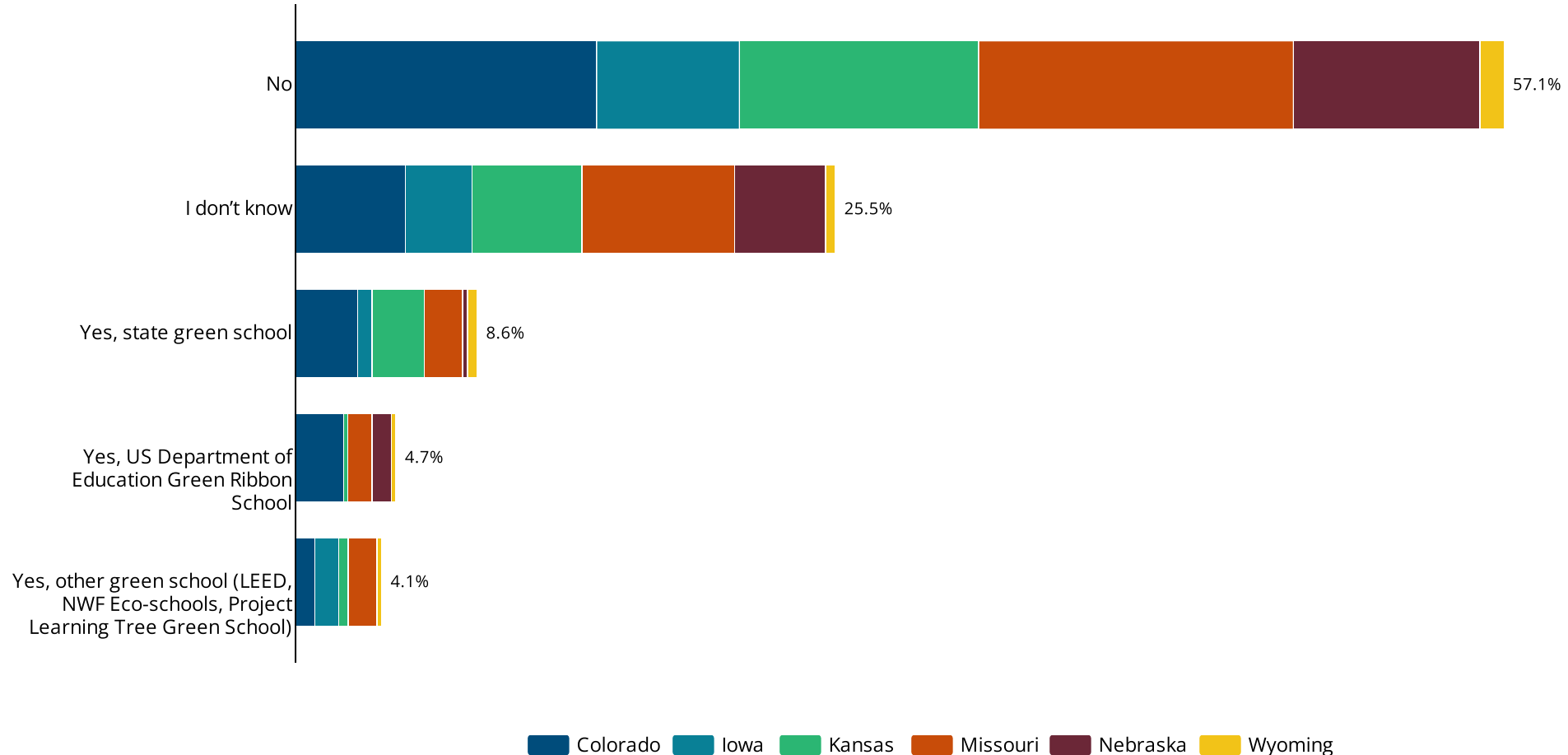
Reset Filters



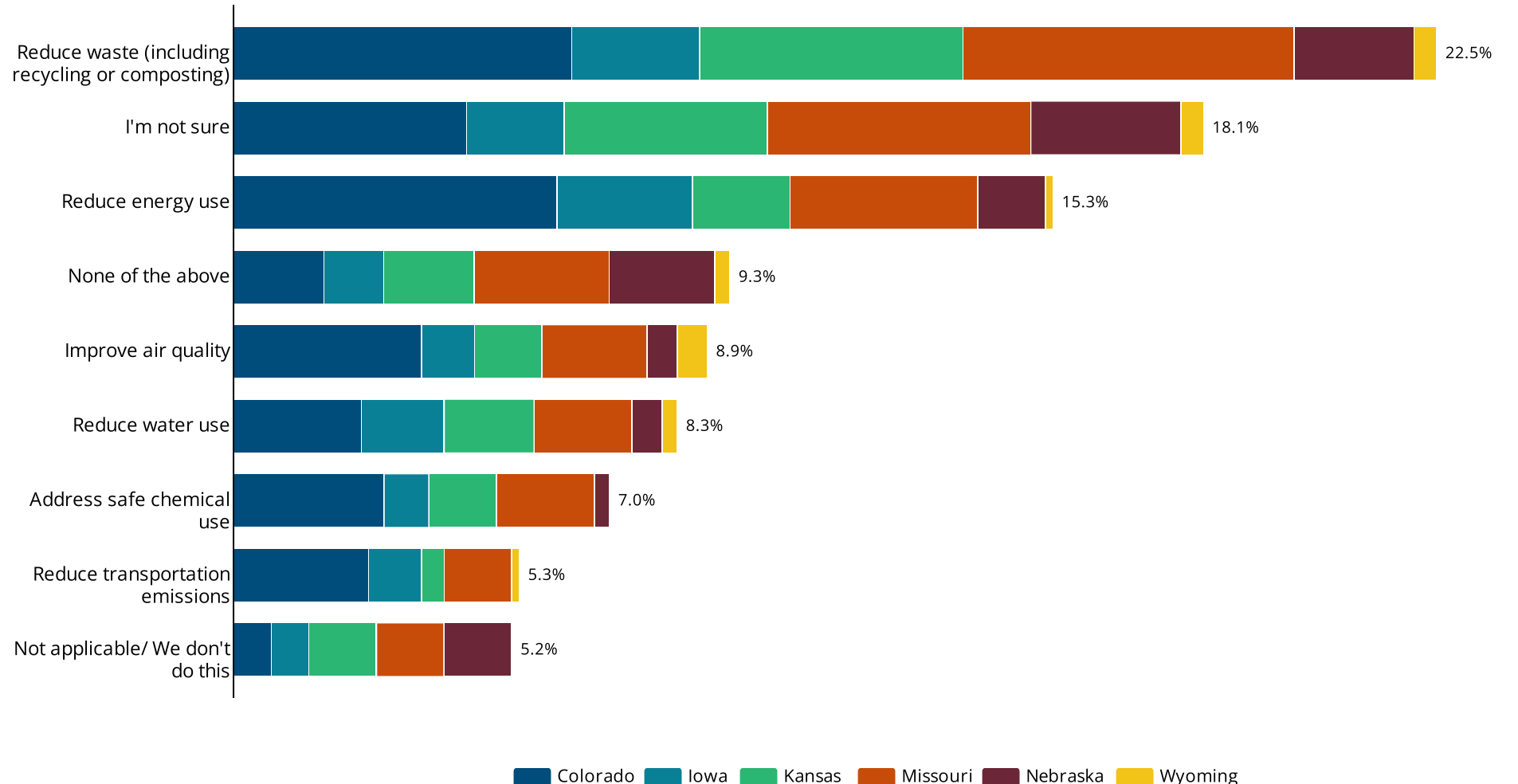
Counties
42

Responses
68

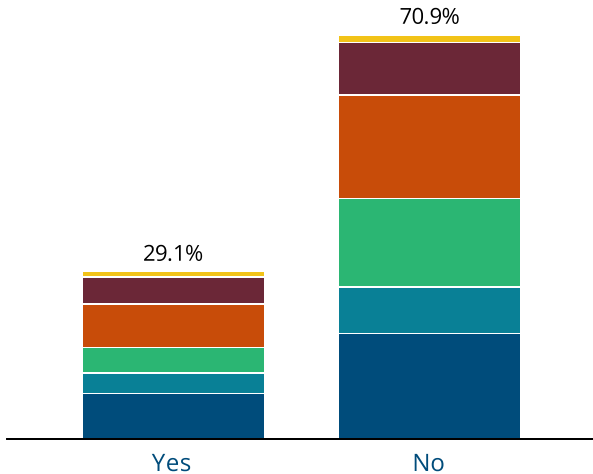
Participation in Green School Programs



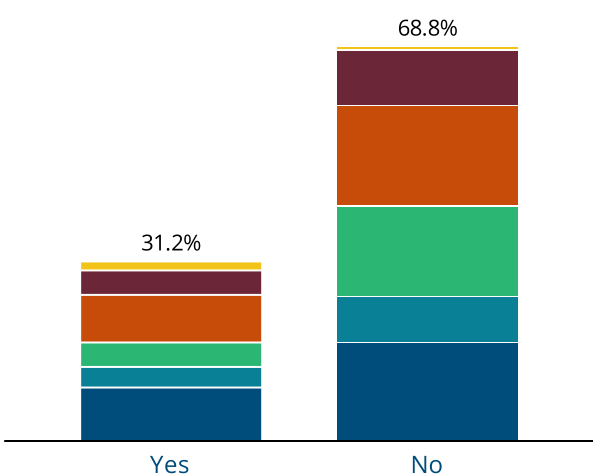
Engagement in Green School Initiatives



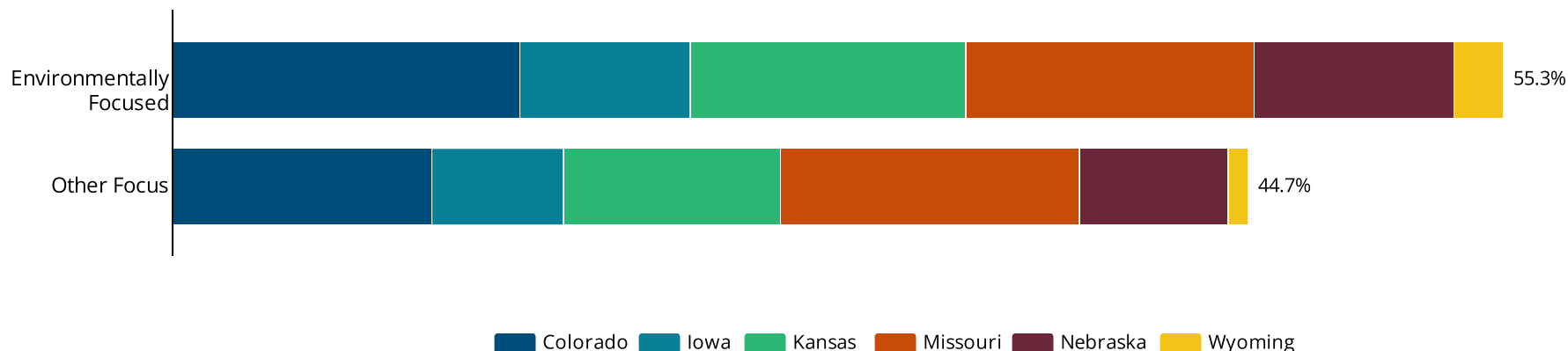
Schools with an Environmental Theme



Requirements for Outdoor and Environmental Learning



Environmental-Focused Subjects Taught



Environmentally focused subjects included: Agriculture Education, Climate Education, Conservation Education, Education for Sustainability, Environmental Education, Environmental Justice, Environmental Literacy, Environmental Science, Green Schools, Nature-Based Learning, and Outdoor Education

Other focus included: Citizen/ Community Science, Health and Wellness, Place-Based Learning, Social Justice, STEM/ STEAM Education, Youth Development, and None of the above.



CLIMATE SCIENCE EDUCATION

Page Filters

Welcome to the Climate Science Education page! This page highlights survey answers specifically from respondents who indicated that climate science was taught at their school. You can use the filters below to dive deeper into this data. *(Note: These filters only change the charts on this page!)*

State(s) ▾

County(ies) ▾

School type(s) ▾

Grade level(s) at the school ▾

Reset Filters

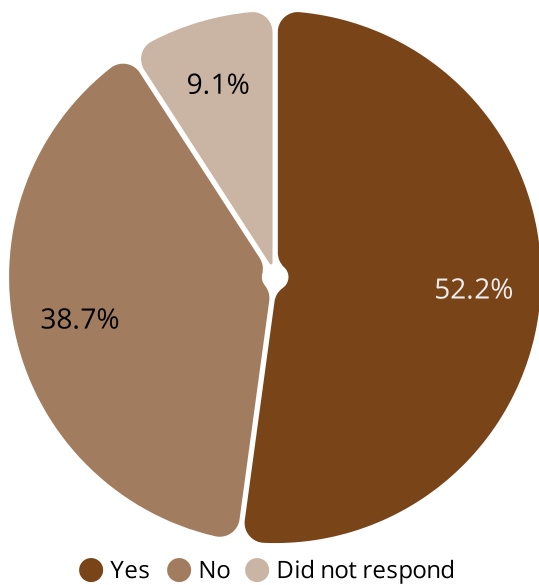
Counties
97

Responses
241

Students Taught Climate per Year
29,922

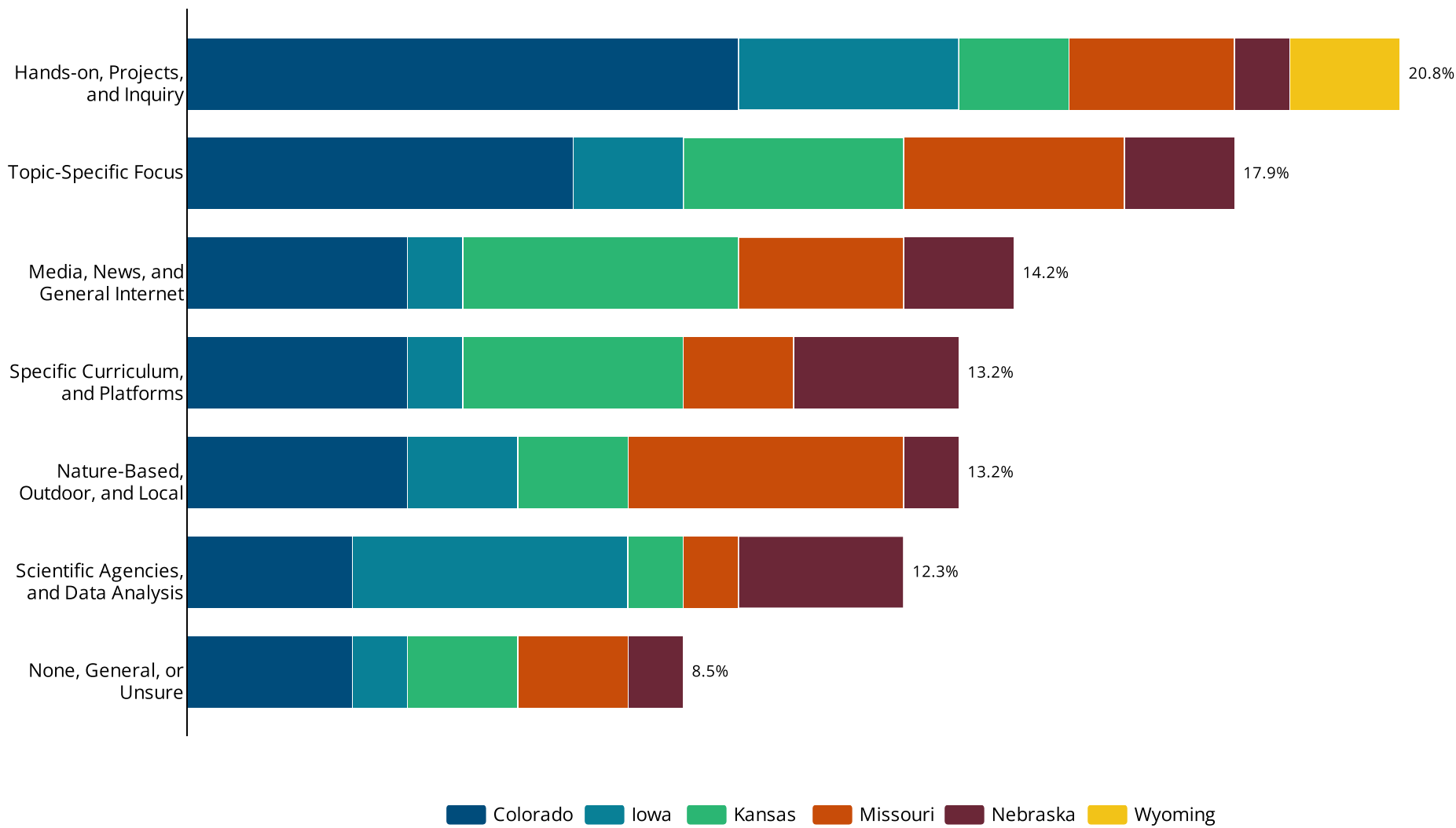


Teach About Climate Science

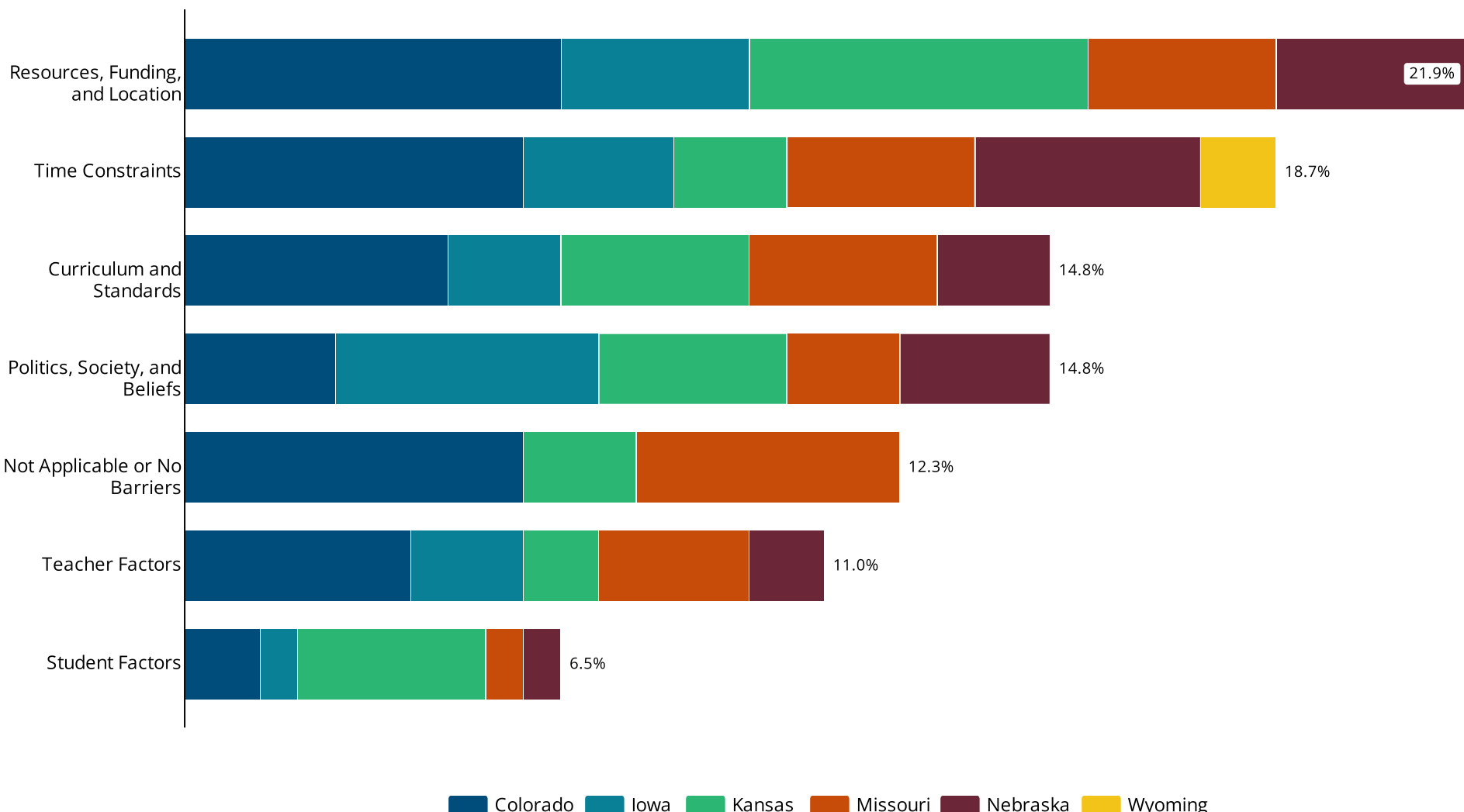


Average time spent climate science / year (Hours)
18.36

Favorite Climate Science Resource or Approach



Barriers to Teaching About Climate Science in the Classroom



ENVIRONMENTAL EDUCATION

Page Filters

Welcome to the Environmental Education page! Here, we explore how schools are teaching students about the environment and the outdoors. You can use the filters below to dive deeper into this data. *(Note: These filters only change the charts on this page!)*

State(s) ▼

County(ies) ▼

School type(s) ▼

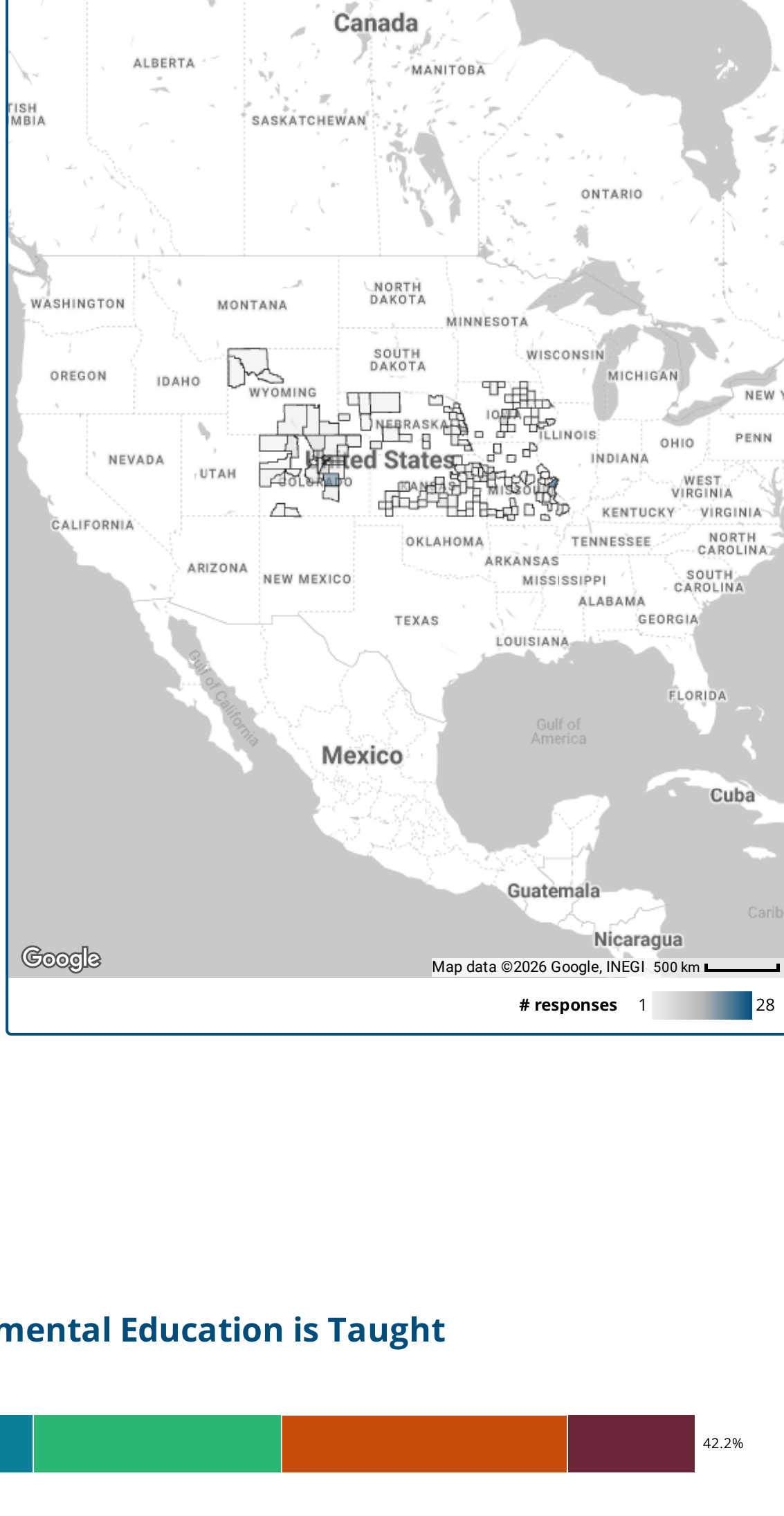
Grade level(s) at the school ▼

Reset Filters

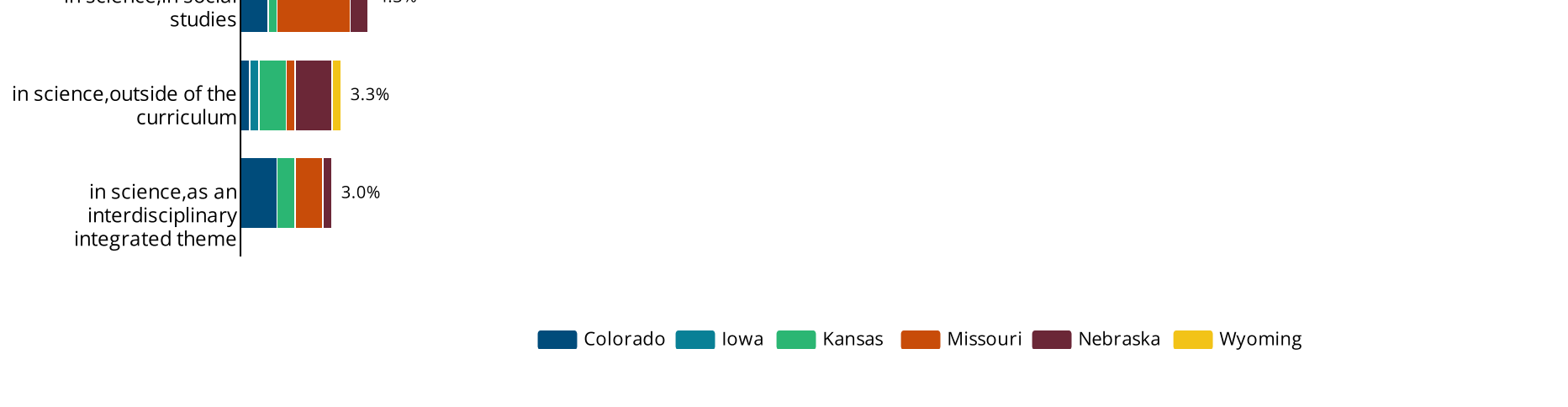
Counties
157

Responses
443

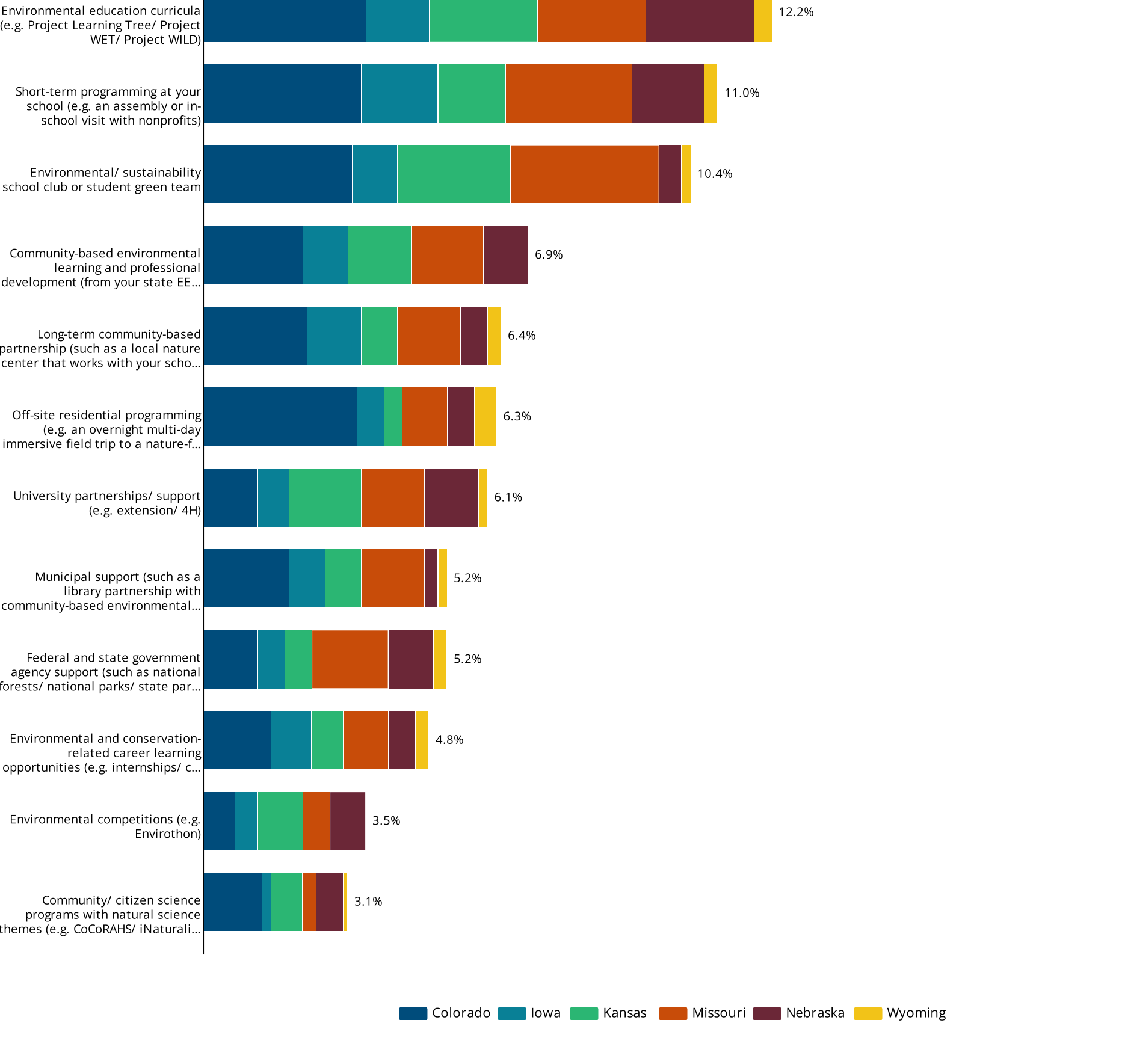
Described Work as Environ Edu
126



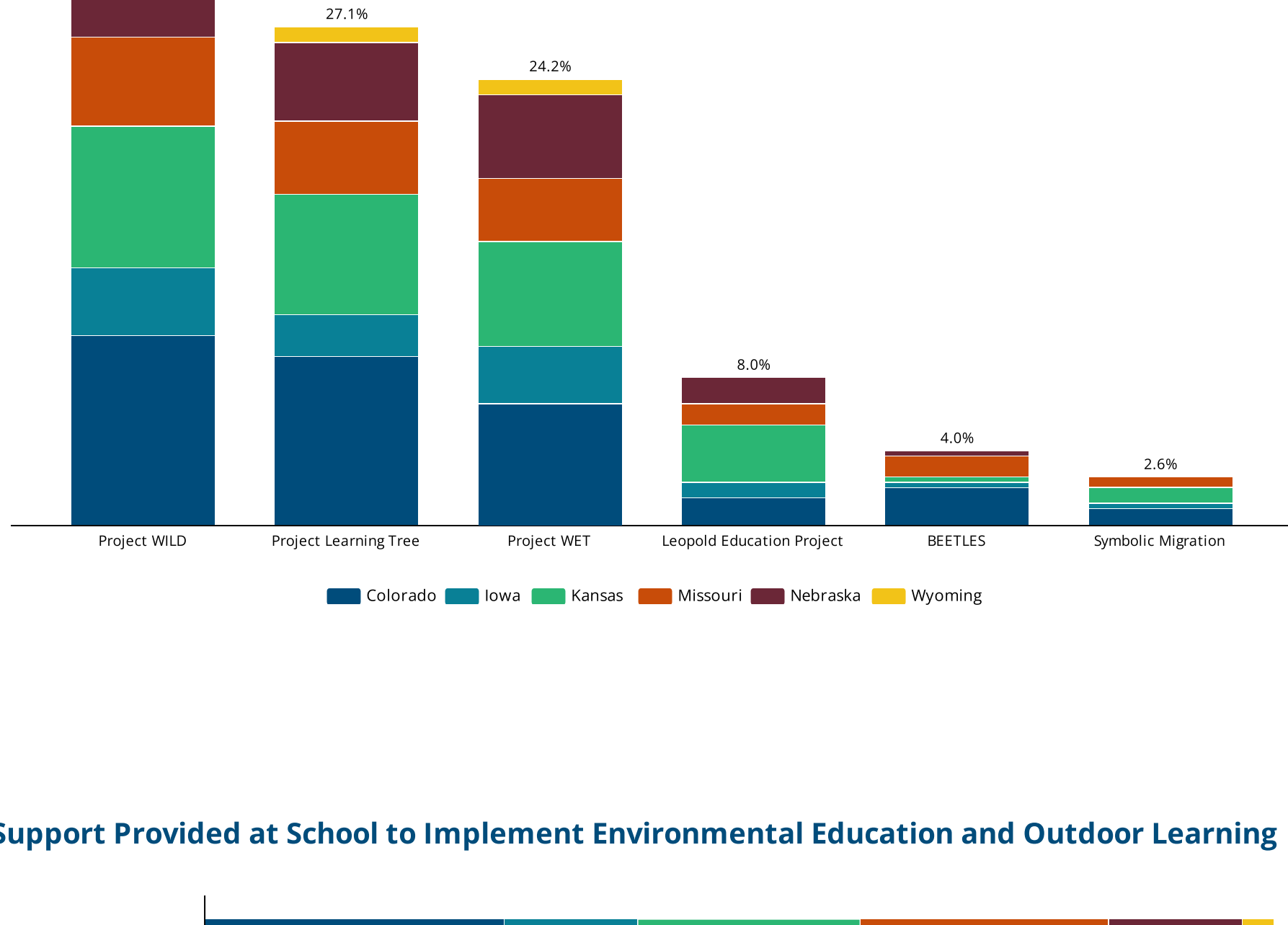
How Environmental Education is Taught



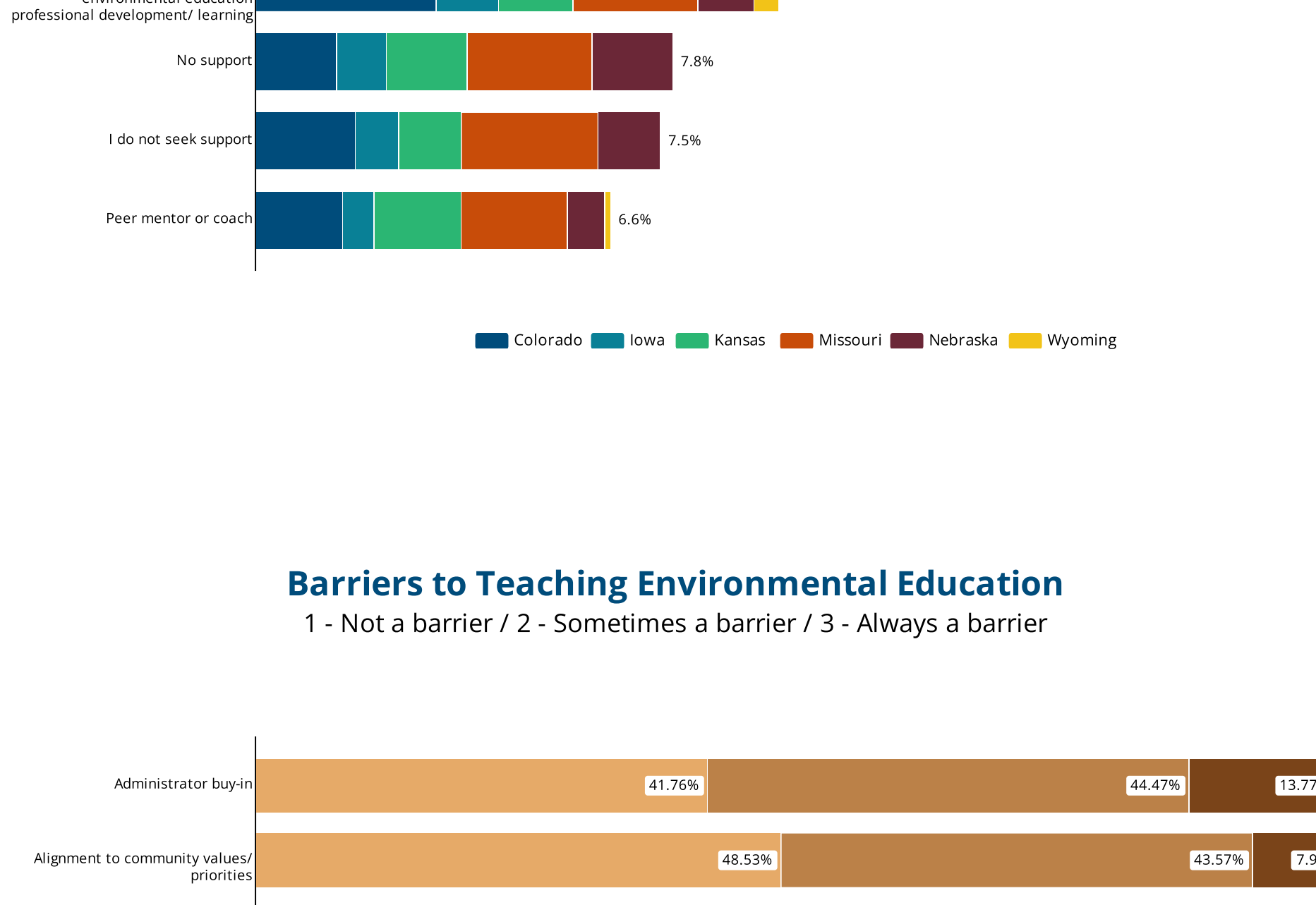
Environmental Education Resources and Programs Used (Past 2 Years)



Specific Environmental Education Curricula Used

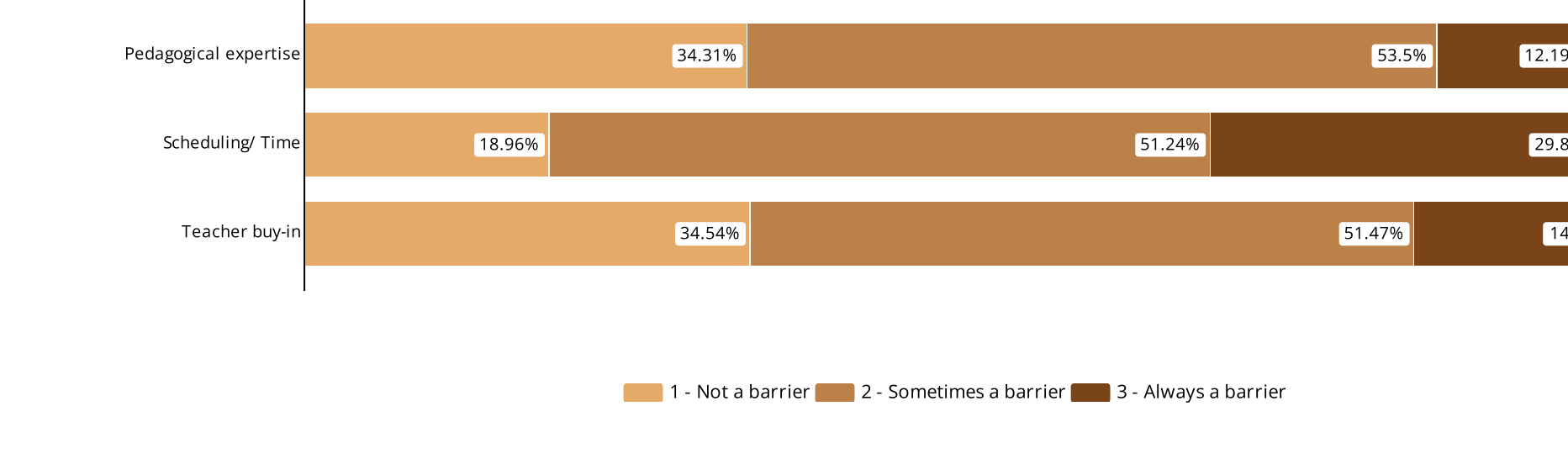


Support Provided at School to Implement Environmental Education and Outdoor Learning

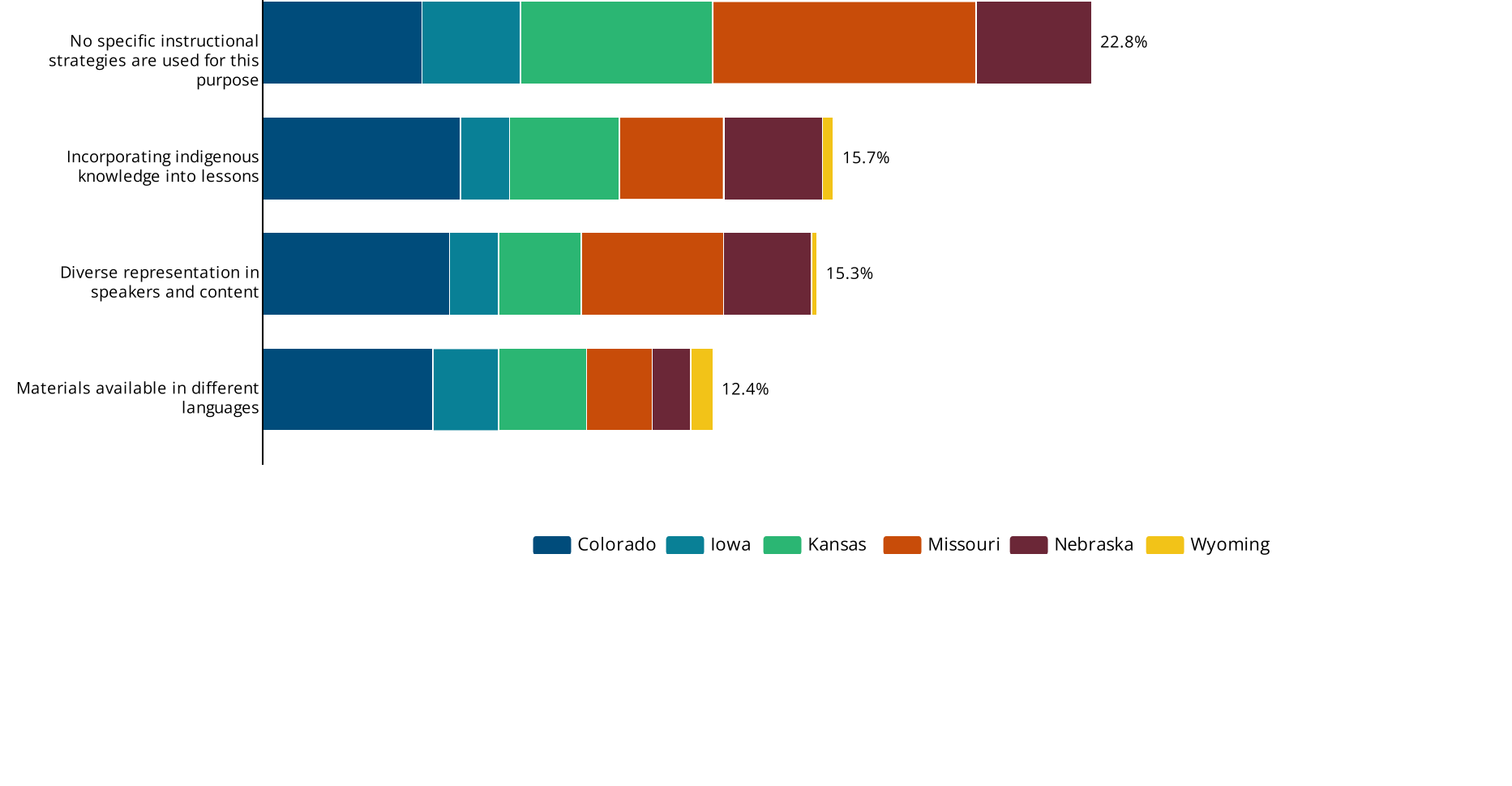


Barriers to Teaching Environmental Education

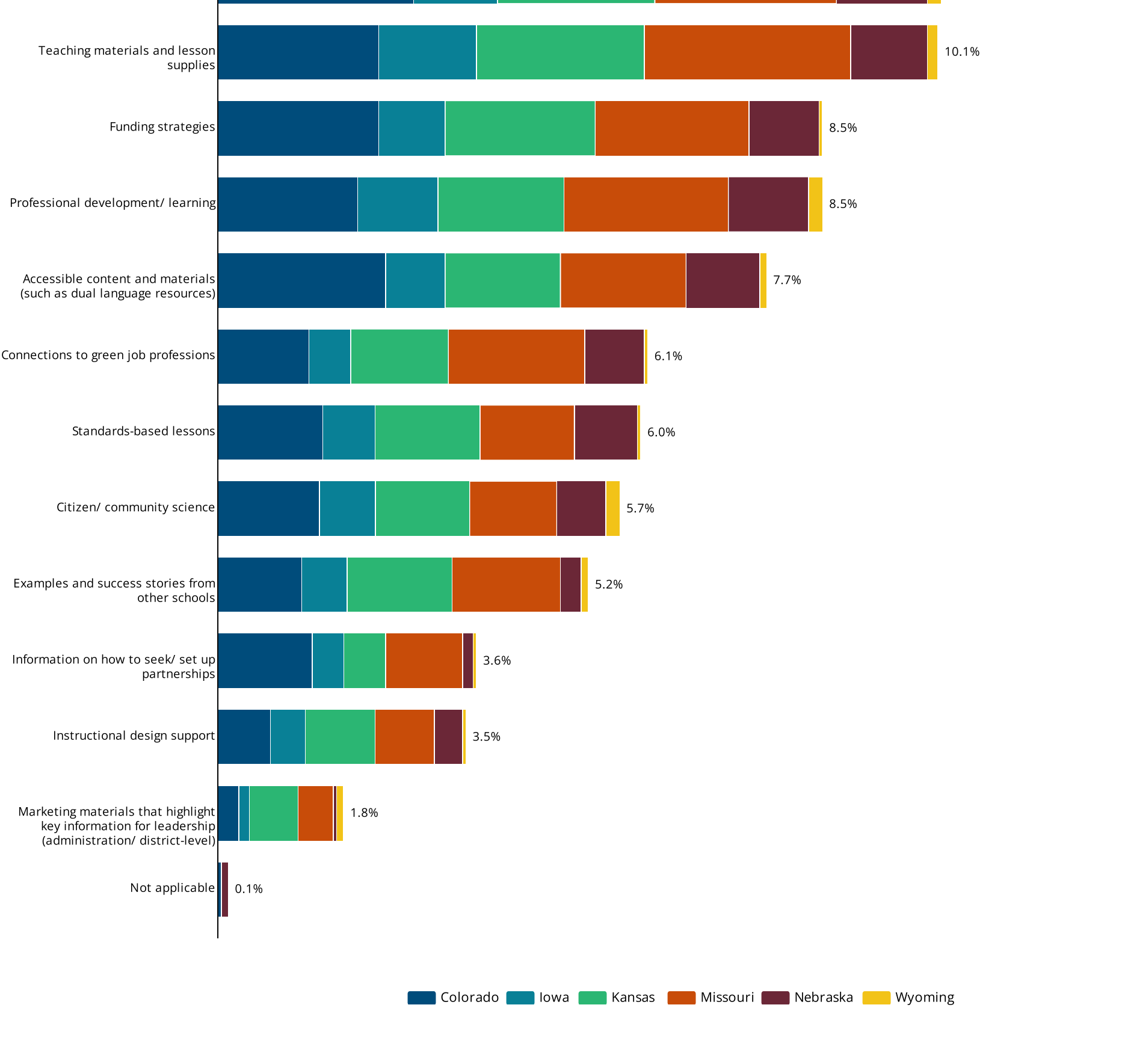
1 - Not a barrier / 2 - Sometimes a barrier / 3 - Always a barrier



Strategies for Inclusive Environmental Education

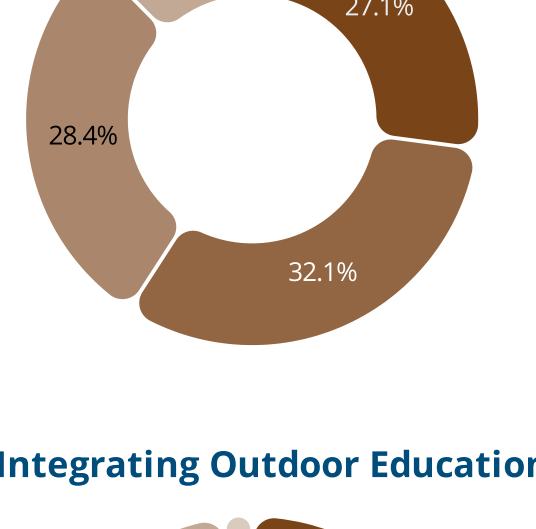


Top Tools to Expand Environmental Education

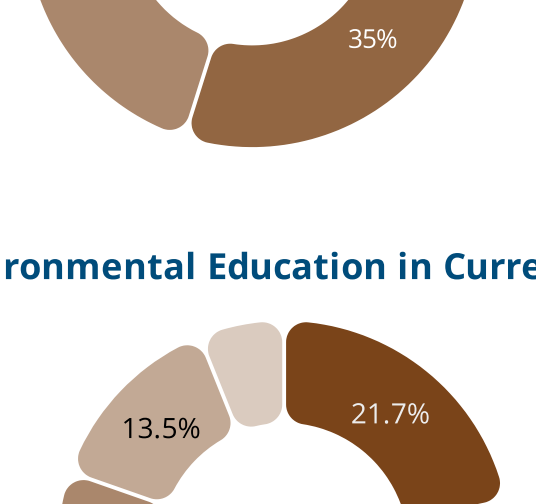


Teacher Confidence Levels

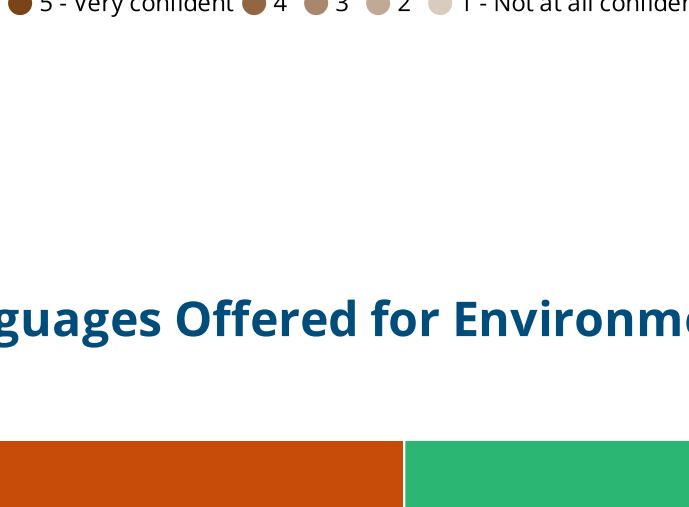
(5 - Very confident to 1 - Not at all confident)



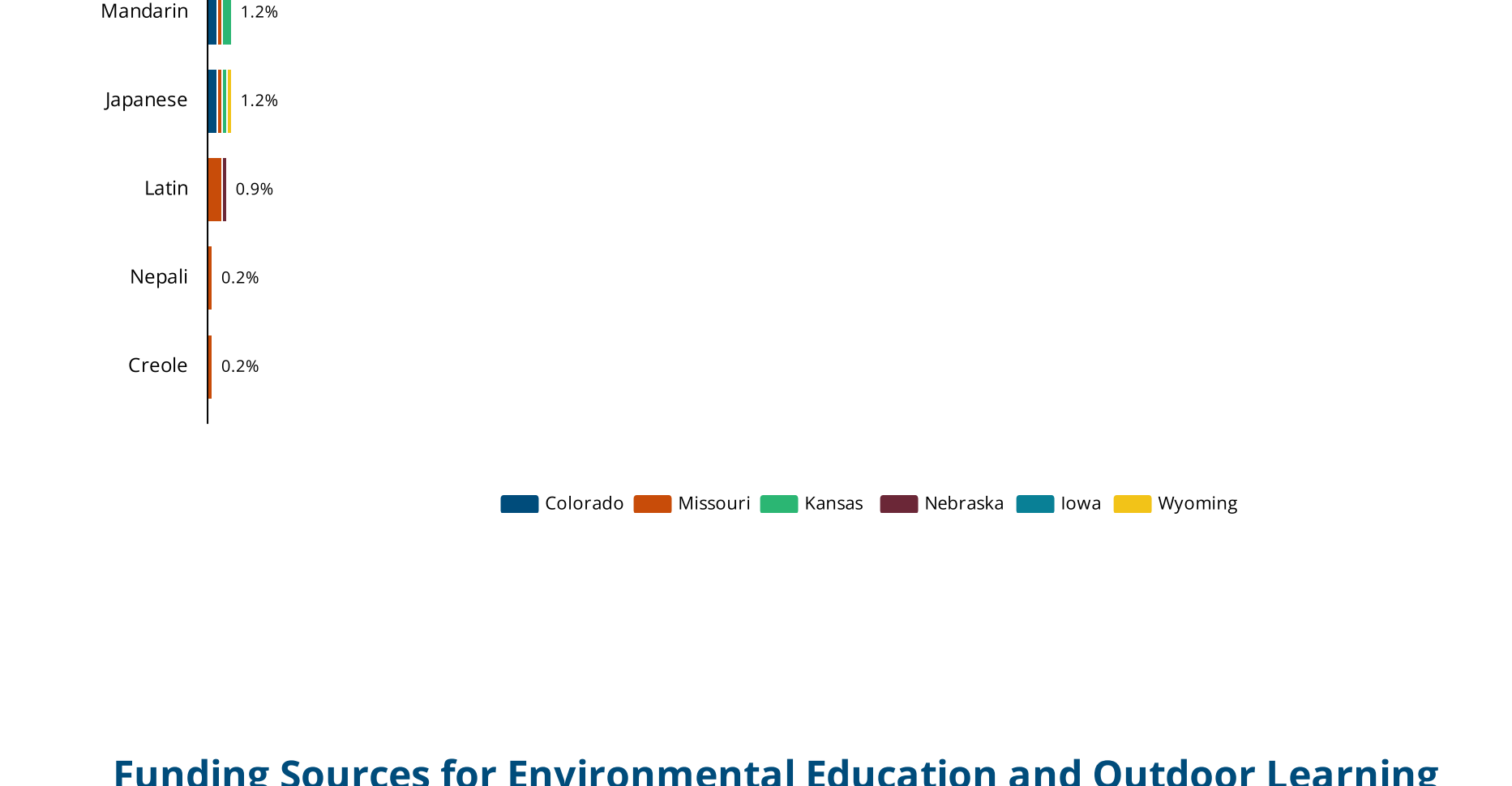
Integrating Outdoor Education



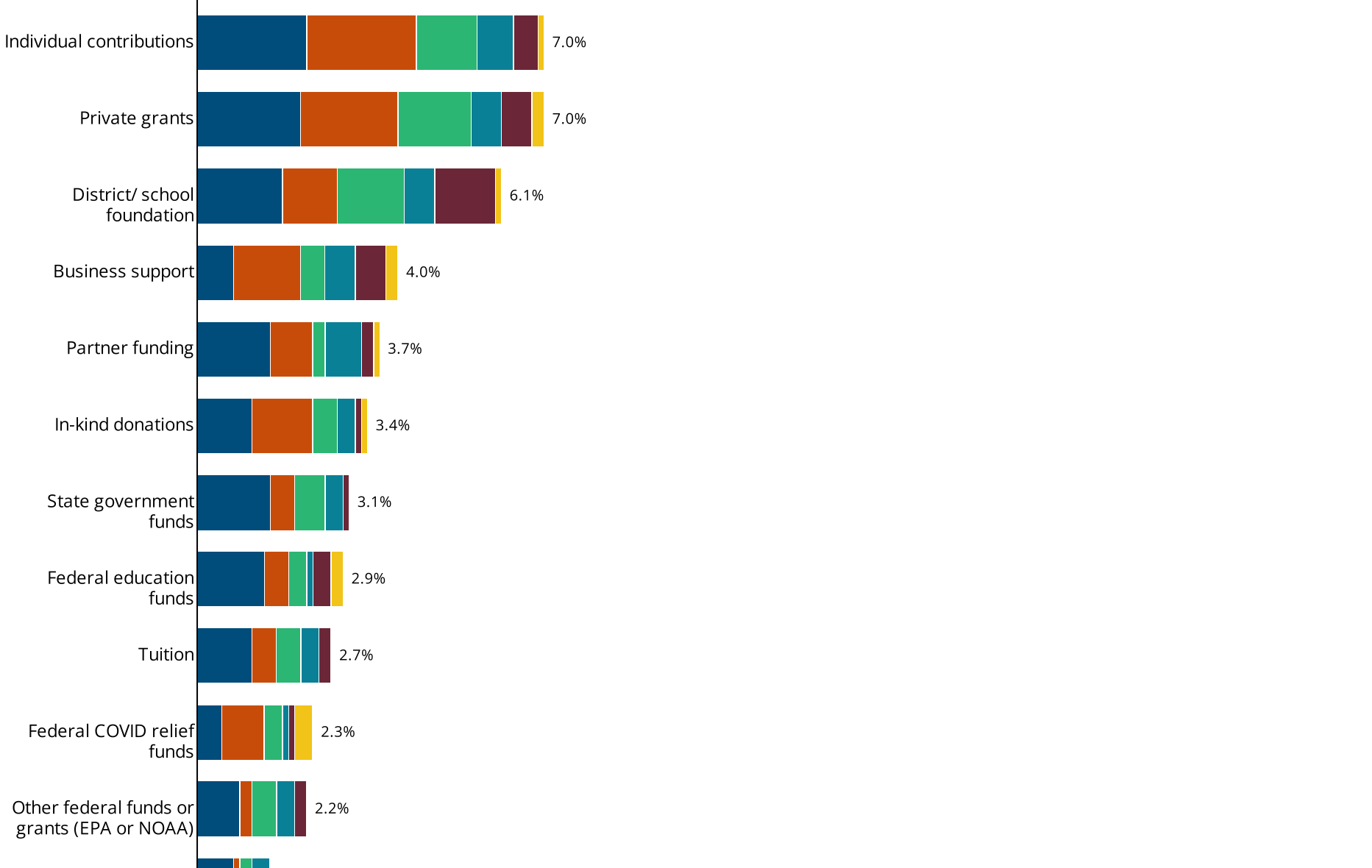
Providing Environmental Education in Current Curriculum



Additional Languages Offered for Environmental Education



Funding Sources for Environmental Education and Outdoor Learning



FIELD TRIPS

Page Filters

Welcome to the Field Trip page! Here, we explore how often educators take their students outside for hands-on learning, both on the school campus and through off-site excursions. You can use the filters below to dive deeper into this data. *(Note: These filters only change the charts on this page!)*

State(s)

County(ies)

School type(s)

Grade level(s) at the school

Reset Filters

Counties

157

Responses

443

Described Work as Outdoor Education

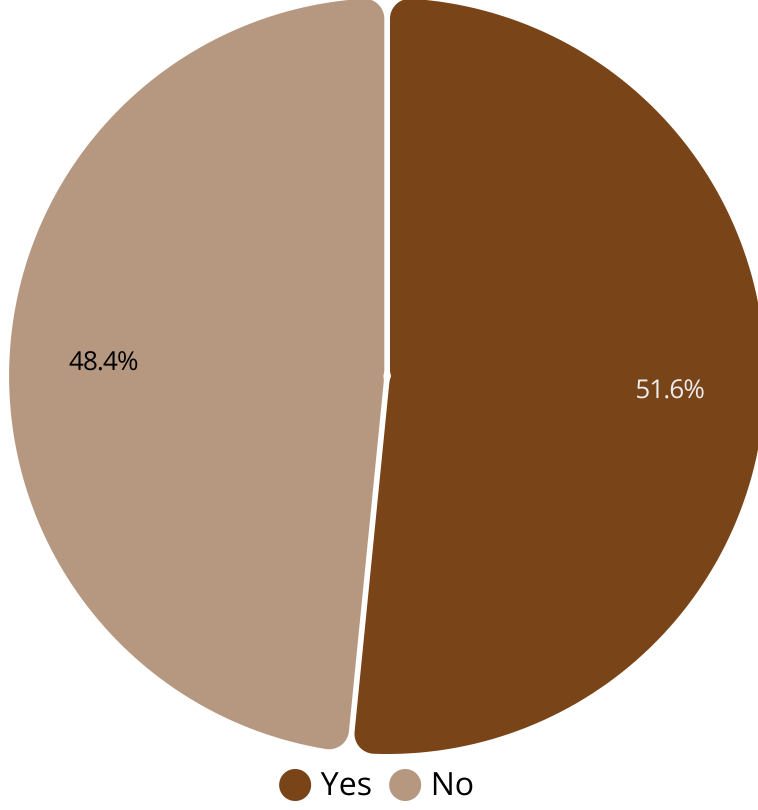
99

(AVG) # Students Taught per Year

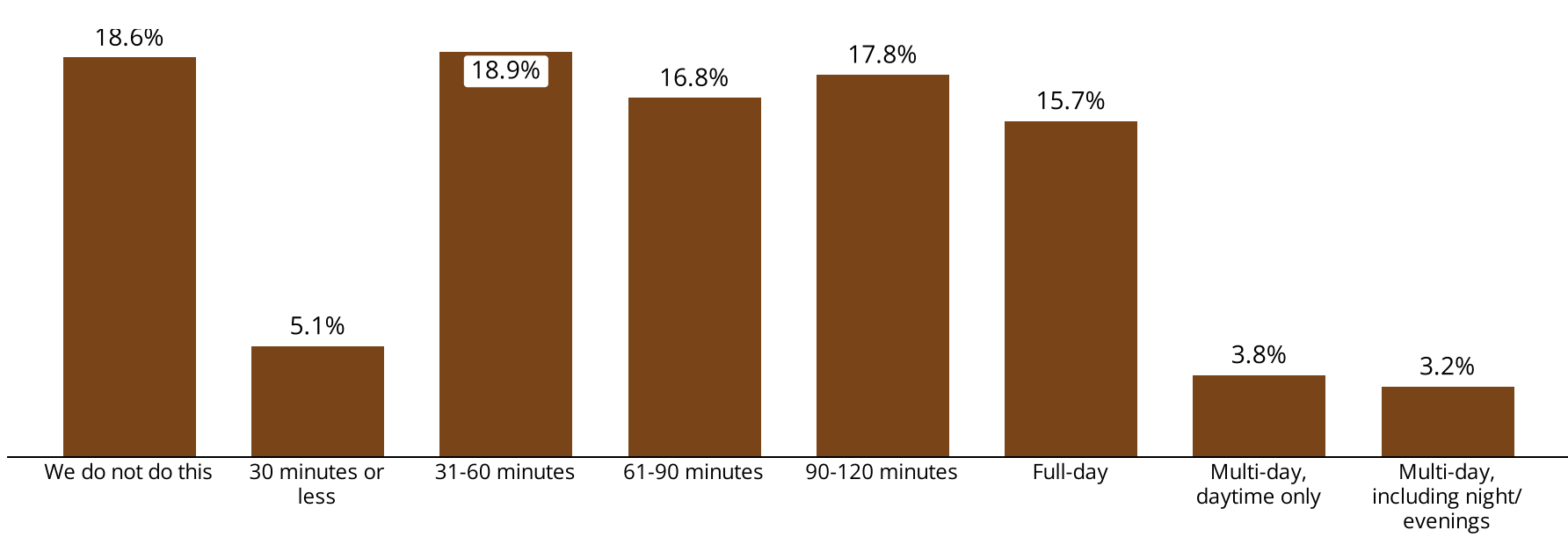
46,574



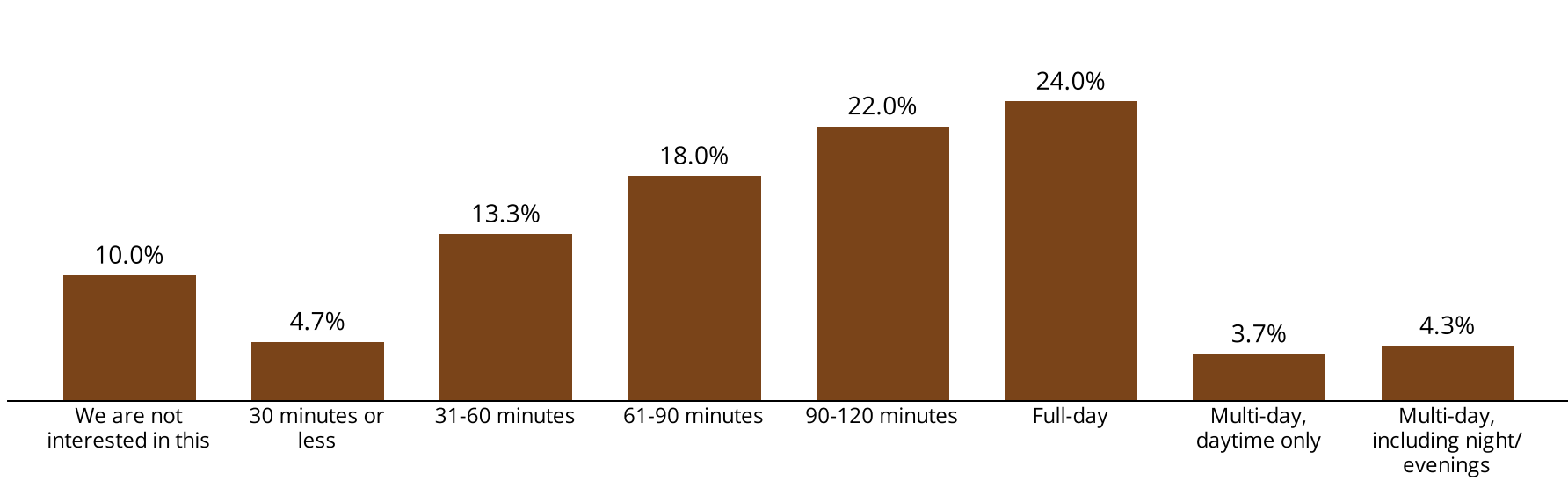
Current Field Trip Participation



Current Time Spent on Field Trips



Ideal Time Spent on Field Trips

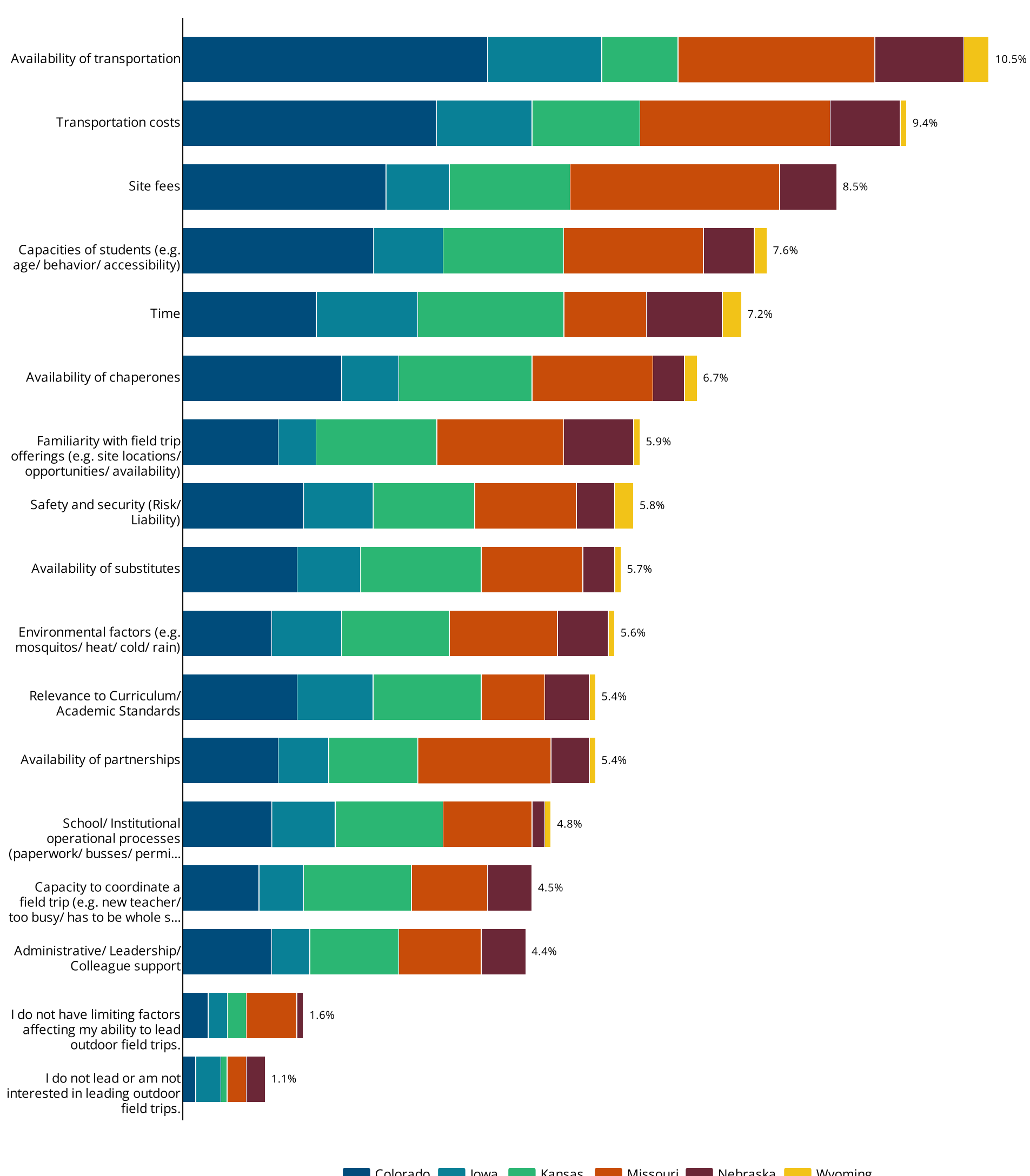


Top Priorities for Field Trips

5 (Extremely important) to 1 (Not important)



Barriers to Leading Outdoor Field Trips



OUTDOOR LEARNING

Page Filters

Welcome to the Outdoor Learning page!
Here, we explore how educators are taking their classes outside and what resources they need to make outdoor instruction successful. You can use the filters below to dive deeper into this data.. *(Note: These filters only change the charts on this page!)*

State(s) ▼

County(ies)

School type(s) ▼

Grade level(s) at the school ▼Reset Filters

Counties

157

Responses

443

Described Work as Outdoor Education

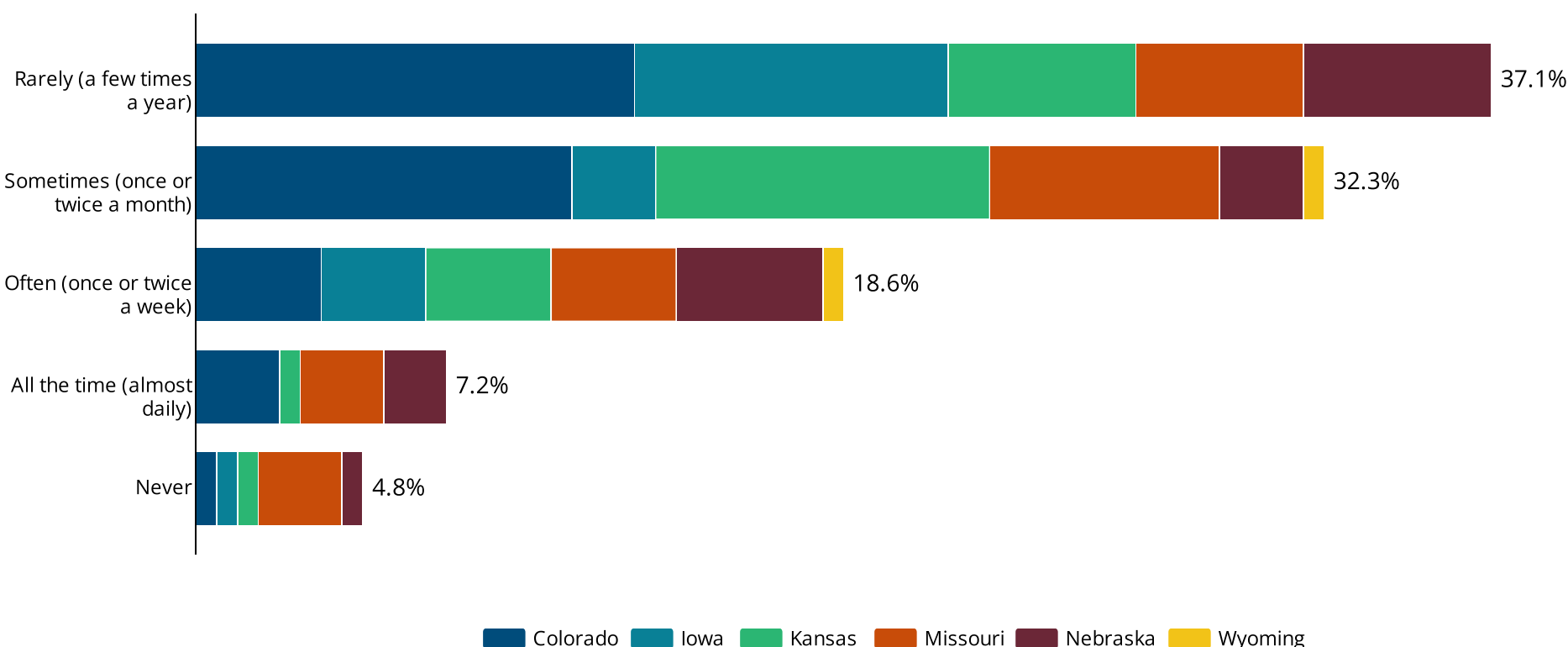
99

(AVG) # Students Taught per Year

46,574

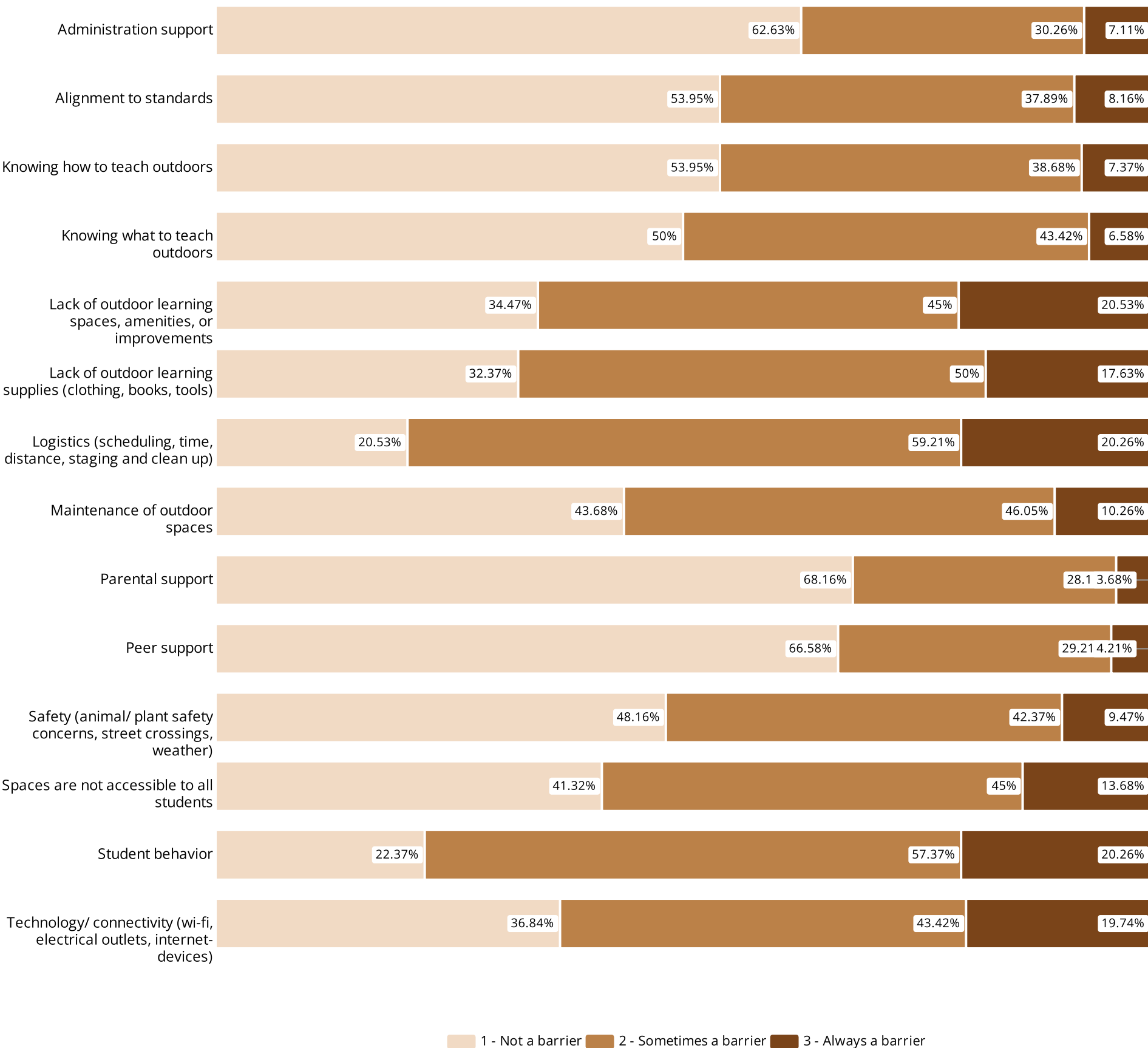


Frequency of Outdoor Learning on Campus

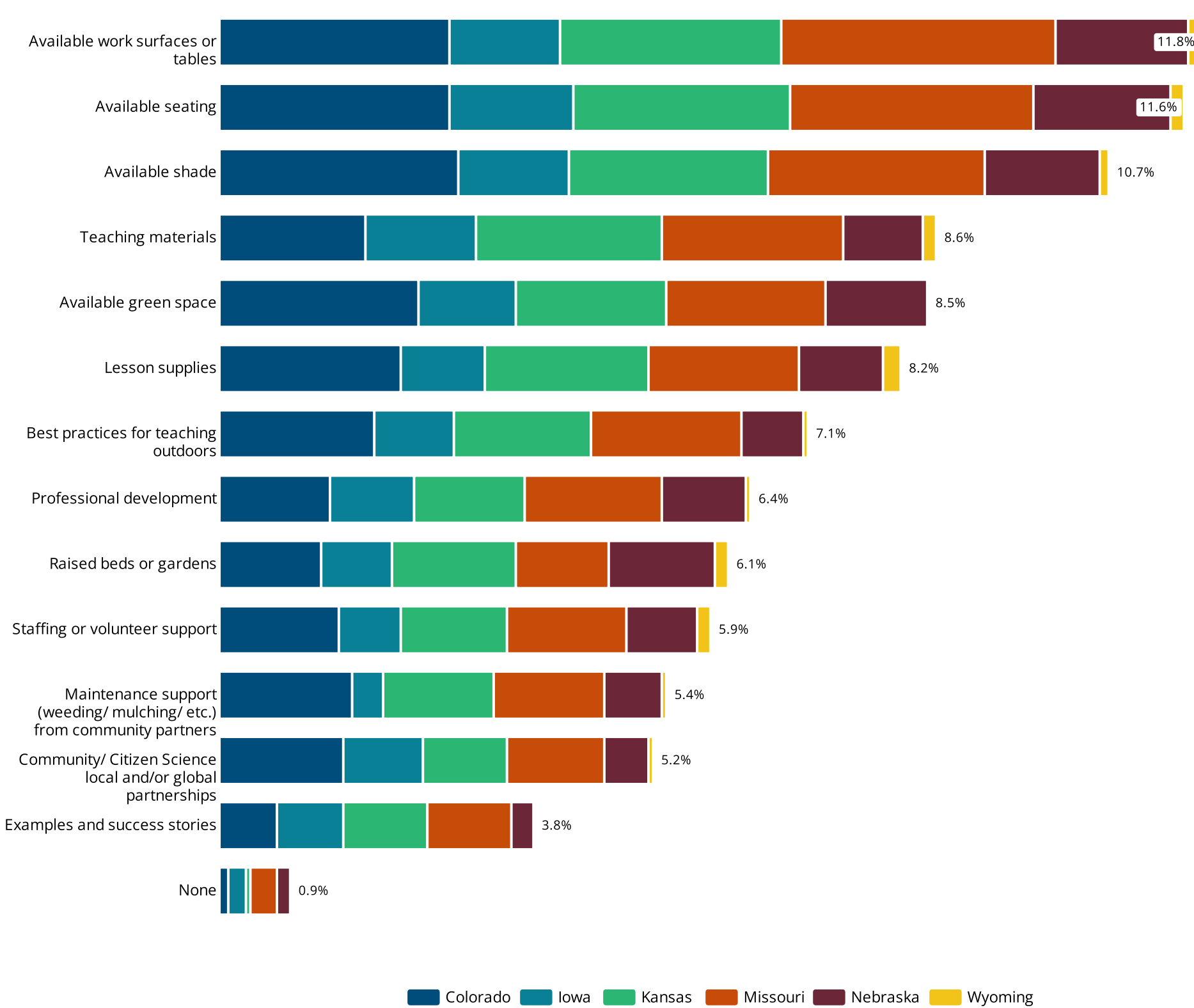


Barriers to Outdoor Learning

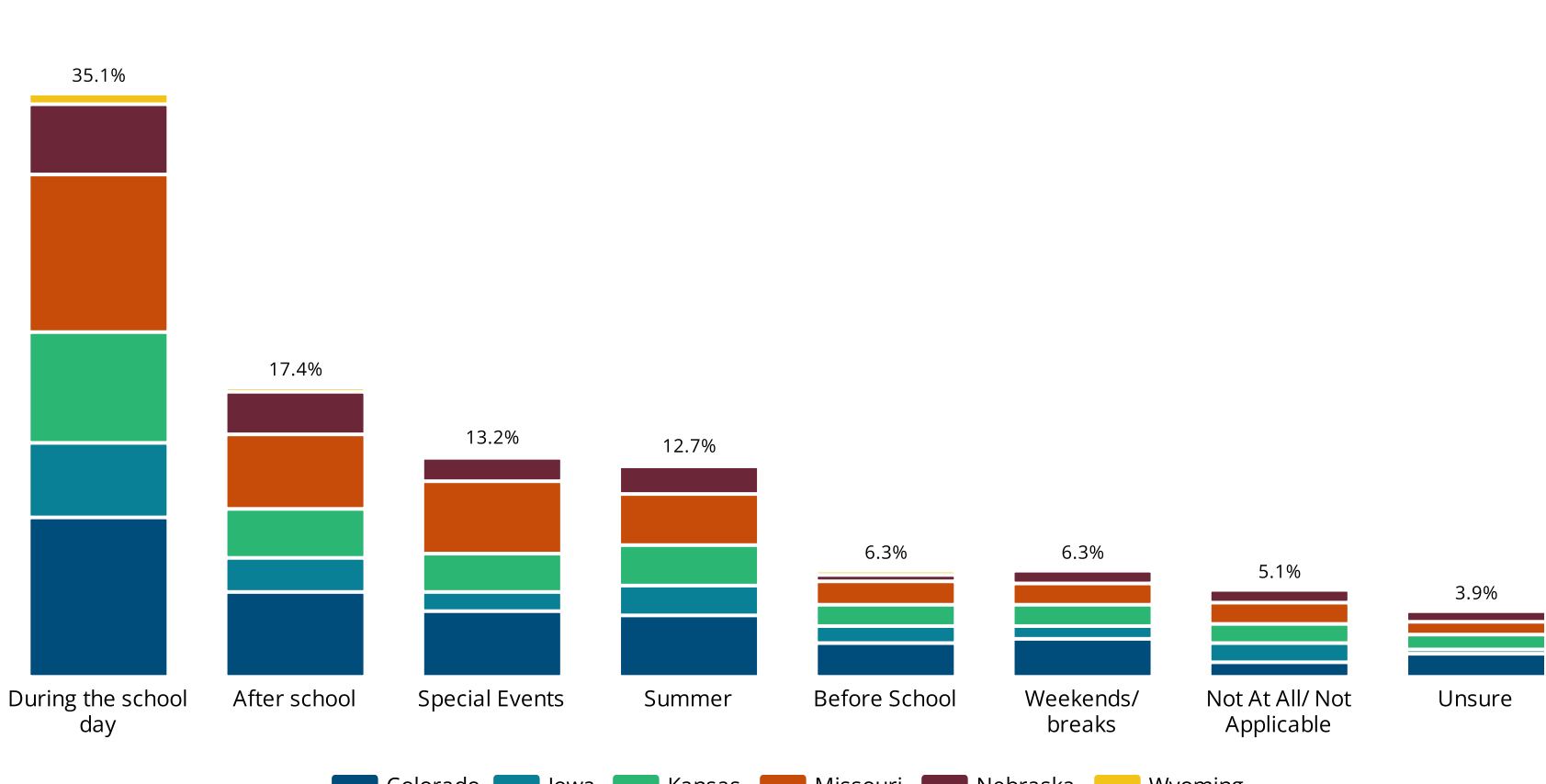
1 - Not a barrier / 2 - Sometimes a barrier / 3 - Always a barrier



Top Features That Support Outdoor Learning



When Outdoor Spaces Are Used



PROFESSIONAL DEVELOPMENT

Page Filters

Welcome to the Professional Development page! Here, we explore how educators are expanding their skills and knowledge in environmental and outdoor education. We also look at what types of training they find most helpful and what topics they want to learn about next. You can use the filters below to dive deeper into this data. *(Note: These filters only change the charts on this page!)*

State(s)

County(ies)

School type(s)

Primary Role

Grade level(s) at the school

Reset Filters



Counties

157

Responses

443

(AVG) # Students Taught per Year

46,574

Teacher responses

380

Admin responses

63

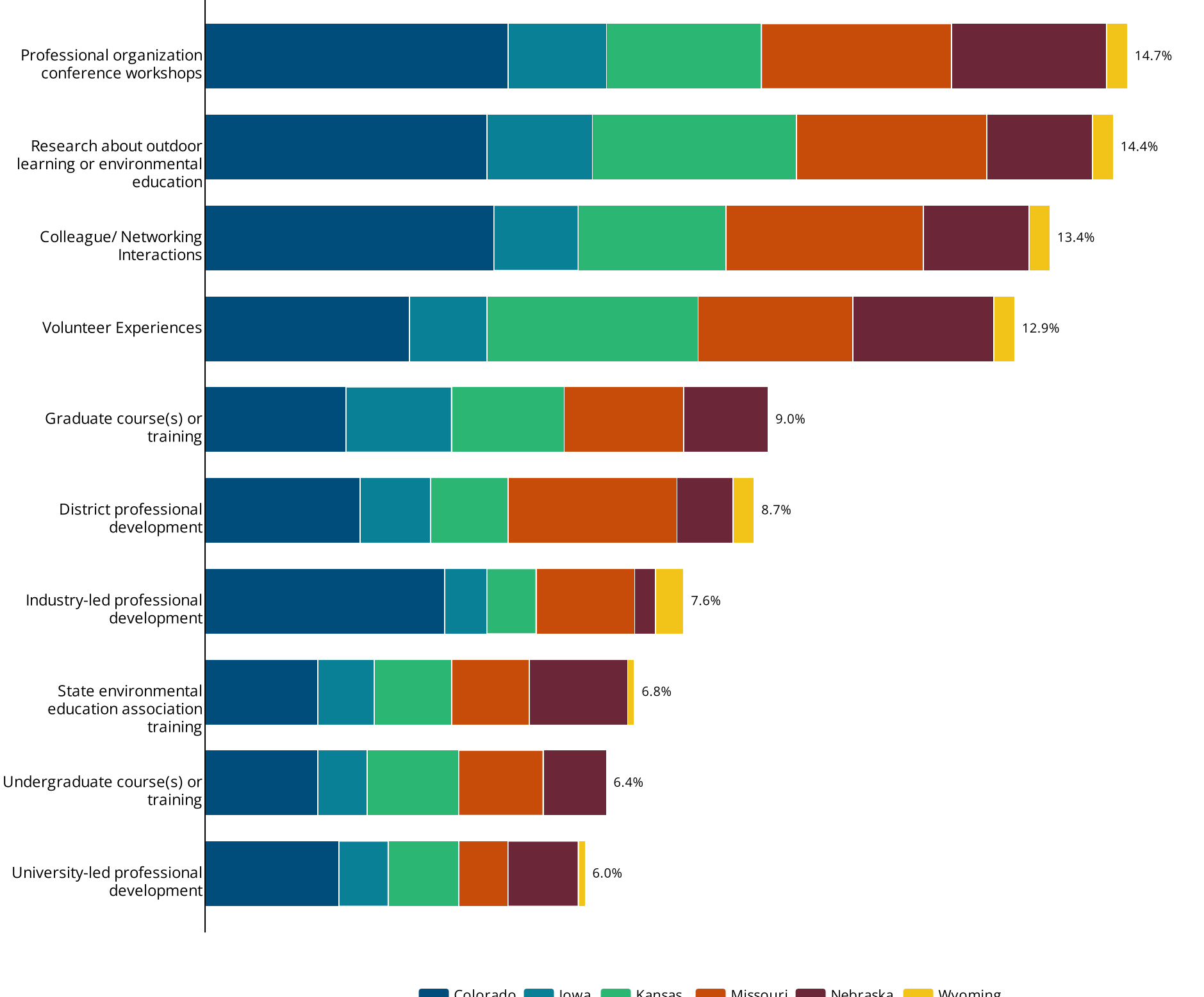


Professional Development and Learning Opportunities

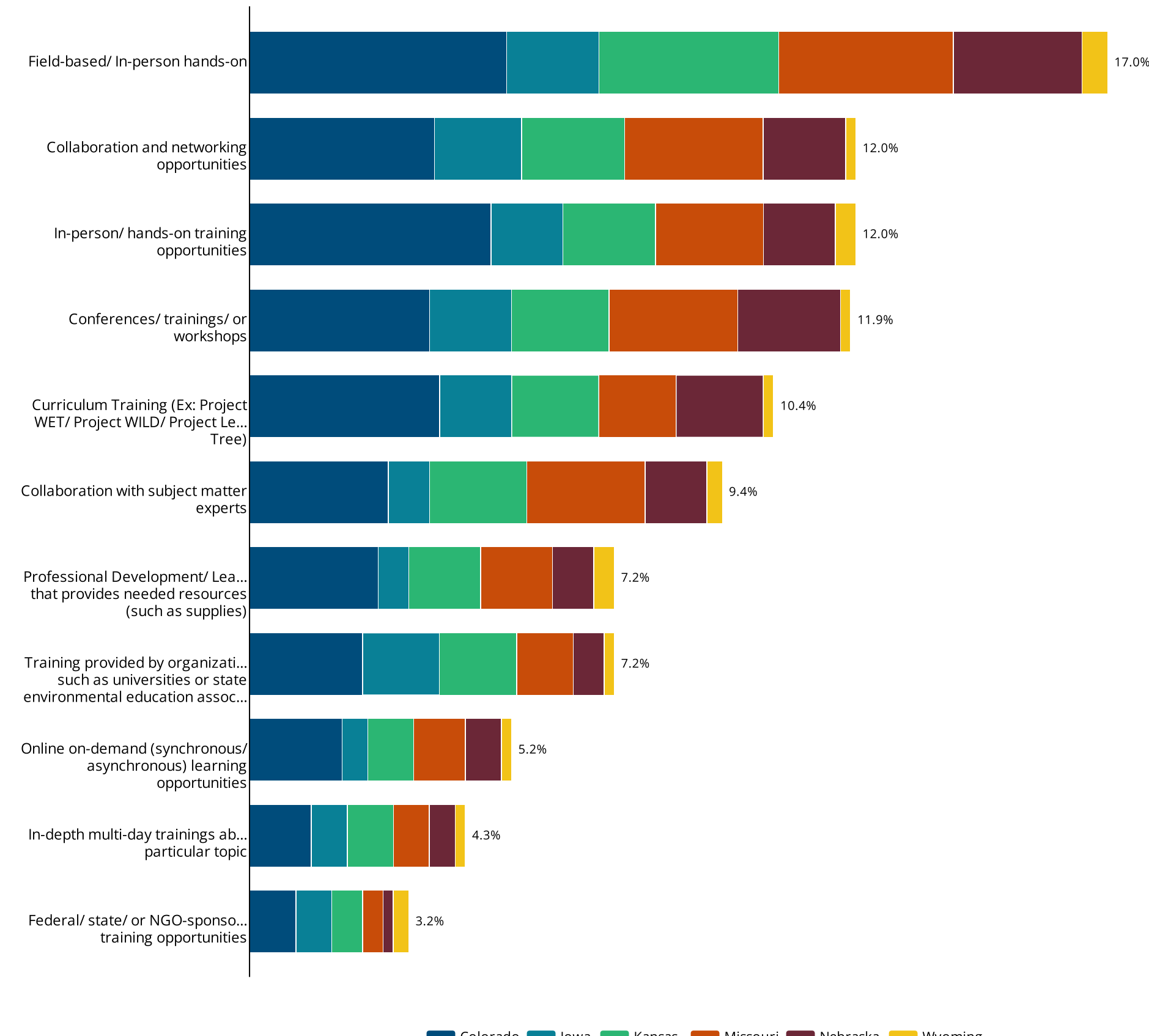
Average Total Professional Development Hours (Past 2 Years)

39.97

Types of Professional Development Attended



Most Effective Professional Development Experiences



Top Topics of Interest for Future Professional Development

