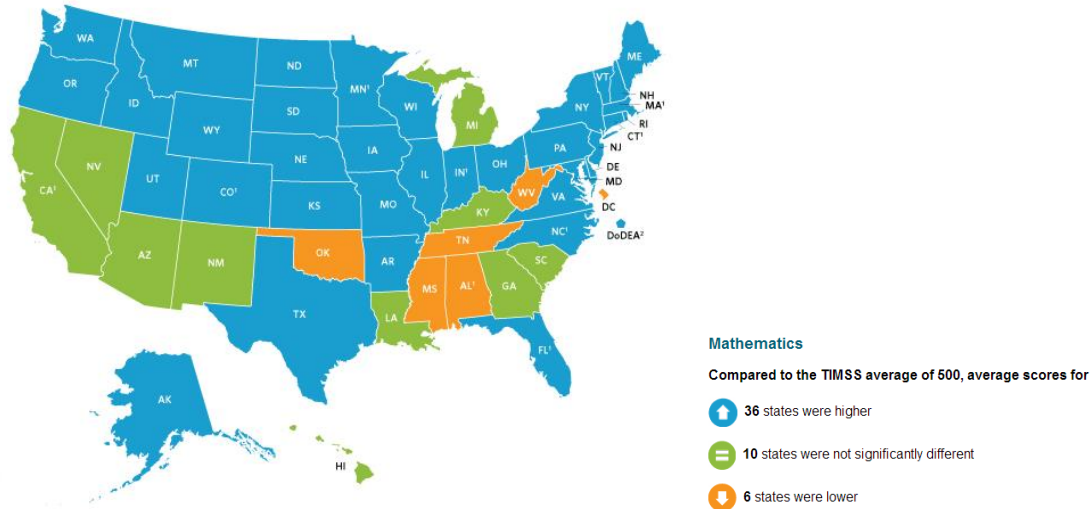


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# KENTUCKY IN THE NEWS

The Kentucky Geographic Alliance – October 2013

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The above map is courtesy of National Center for Education Statistics. See also the map of [Science scores](#).

A recent report released by the National Center for Education Statistics (NCES) within the US Department relates National Assessment of Education (NAEP) scores to Trends in Mathematics and Science Study (TIMSS) in order to make a linkage between US students in each state to students in other countries. Kentucky's score in mathematics ranks with the states that are "not significantly different" from the TIMSS average score. Kentucky ranks below 36 other US states\* and is most comparable internationally to Australia, Canada [Alberta], Hungary, Slovenia. Kentucky's performance in Science was better with a score that was higher than the TIMSS average and that ranked above 25 other US states\*. The science scores were most comparable internationally to Hong Kong SAR and England in Great Britain.

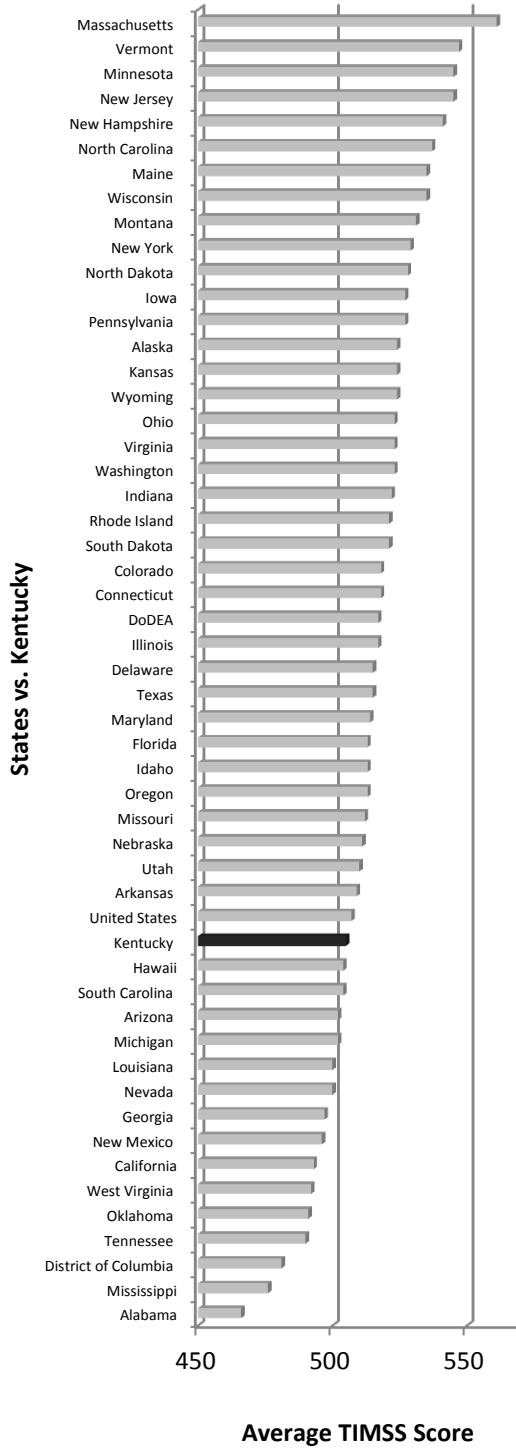
Geographers look at this information in a unique way. Using scale (local, regional and global), they can see the interactions of related indicators like economics (GDP), socioeconomics and politics (many other factors can be used as well). We can create interconnections between Kentucky to other states in the US or countries in the world that have similar or unique interactions with selected indicators. Lastly, geographers can address what implications stem from the analysis. The more indicators added, the more complex your analysis will become, but it helps. What implications do you draw from this quick spatial analysis? [Geographers in Kentucky](#) will engage you and your classrooms in discussions about this and other maps during [Geography Awareness Week](#) (Nov 17-23). Are you interested? If so, [join](#) the Kentucky Geographic Alliance and stay tuned for some great interactions, interconnections and implications!

\*US states refers to all 50 states, the District of Columbia, and the Department of Defense Education Activity (overseas and domestic schools).

The New York Times: [Better News in New Study That Assesses U.S. Students](#)

National Center for Education Statistics: [U.S. States in a Global Context](#)

## Average Mathematics TIMSS Scores



## Average Mathematics TIMSS Scores

