

Georgia State Board Report: Mathematics Findings**A Comparison of the Georgia Mathematics Standards to the Common Core State Standards in Mathematics****Introduction**

The Common Core State Standards Initiative began in 2009, when 48 states, 2 territories and the District of Columbia signed a memorandum of agreement with the Council of Chief State School Officers (CCSSO) and the National Governors Association (NGA) and committed to a state-led process to establish a single set of clear educational standards for English-language arts and mathematics that states can share and voluntarily adopt. These standards are designed to ensure that students graduating from high school are prepared to go to college or enter the workforce and that parents, teachers, and students have a clear understanding of what is expected of them. The standards are benchmarked to international standards to guarantee that students are competitive in the emerging global marketplace.

The Common Core Comparison Tool, designed by Achieve, provides an online process and guidelines for matching the state's current standards with the Common Core Standards. Georgia has completed a comparison of your mathematics standards with the Common Core State Standards in mathematics. Please note that while Achieve designed the Common Core Comparison Tool; the data are the result of judgments made by the members of the team within your state who completed the process. This summary report highlights key findings from the comparison they conducted and provides guiding questions to help interpret your results. We hope these data will be helpful as you consider the adoption and implementation of the Common Core State Standards.

This report includes high-level tables and summaries of the Georgia team's analysis – more detailed reports and data are available.

(1) What percentage of Georgia's mathematics standards appear in the Common Core? For what percentage was there no match between our state's mathematics standards and the Common Core?

Overall, your team matched 90% of your state's mathematics standards with the Common Core. For the remaining 10% of your state standards, there was no identified match. These unmatched standards address content and/or performance expectations that your team identified as not included in the Common Core.

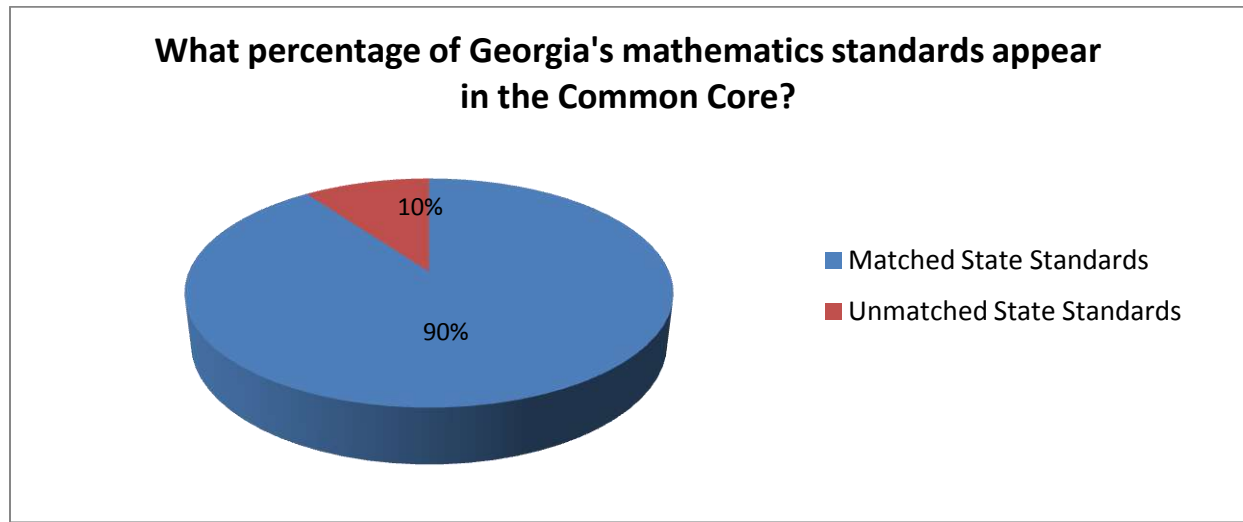


Chart Reads: 90% of your K-12 state mathematics standards aligned with the Common Core. The remaining 10% of Georgia's mathematics standards had no identified match. Note – the denominator for this data point is the total number of state mathematics standards.

While 90% of Georgia's mathematics standards were matched to Common Core, it is important to take a deeper look at these matches and examine the strength of the match (excellent, good, weak), as well as differences across grade span or grade level. Consider particular grade-level differences and where your state standards might be introduced before or after the same content in the Common Core. These differences will have implications for classroom instruction, professional development, and curriculum materials in your state.

It is also important to look closely at the Common Core content that is not matched by your state standards. Consider what the implications are for transitioning to the Common Core and the impact on teacher training and professional development. Lastly, it is important to examine content that is in your state standards that is not reflected in the Common Core and what that might mean for adoption and implementation.

(2) How did we rate Georgia's degree of match with the Common Core? What percentage of the Common Core standards has no match to our Georgia's mathematics standards?

Your state rated the degree of match according to the following scale:

Table 1: Ratings Summary

3 = **Excellent match** between the state standards and the Common Core
2 = **Good match**, with minor aspects of the Common Core not addressed
1 = **Weak match**, with major aspects of the Common Core not address
No Match = There is **no state match** with the Common Core standard

Overall, the Georgia team rated the Common Core matches as follows: 81% were an excellent match to Georgia state standards, 14% were a good match to your state standards, and 0% were a weak match to your state standards. 3% of the Common Core State Standards in mathematics were identified as having no match to your state standards.

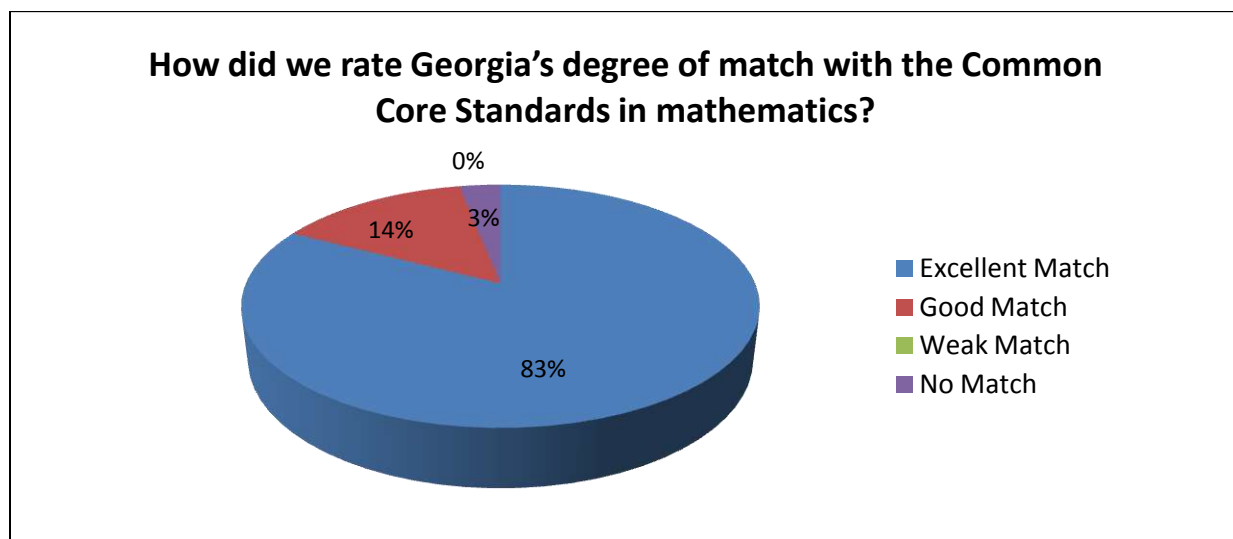


Chart Reads: Your state team rated 81% of the Common Core Standards as an excellent match to your state standards. Note – the denominator for this data point is the total number of Common Core Standards.

It is important to take a deeper look at these matches and examine the strength of the match (excellent, good, weak) in various strands and at various grade levels. It is also important to look closely at the Common Core content that is not matched by your state standards. Consider what the implications are for classroom instruction, professional development, and curriculum materials in your state. Detailed lists of the Common Core Standards that were not matched to your state's standards are available through the Common Core Comparison Tool and will be helpful in determining next steps with respect to adoption and implementation.

(3) How do Georgia's mathematics standards compare to the Common Core at the K-5, 6-8, and 9-12 grade bands?

For ease of analysis when using this tool, the Common Core State Standards in mathematics are organized into 3 grade bands: elementary (K-5), middle school (6-8) and high school (9-12).

- A. Of the **Common Core elementary standards (K-5)**, your team rated 75% an excellent match, 23% a good match, and 1% a weak match to your state standards. 0% of the Common Core elementary standards were identified as having no match in your state standards.
- B. Of the **Common Core middle school standards (6-8)**, your team rated 97% an excellent match, 2% a good match, and 0% a weak match to your state standards. 0% of the Common Core middle school standards were identified as having no match in your state standards.
- C. Of the **Common Core high school standards (9-12)**, your team rated 75% an excellent match, 14% a good match, and 0% a weak match to your state standards. 7% of the Common Core high school standards were identified as having no match in your state standards.

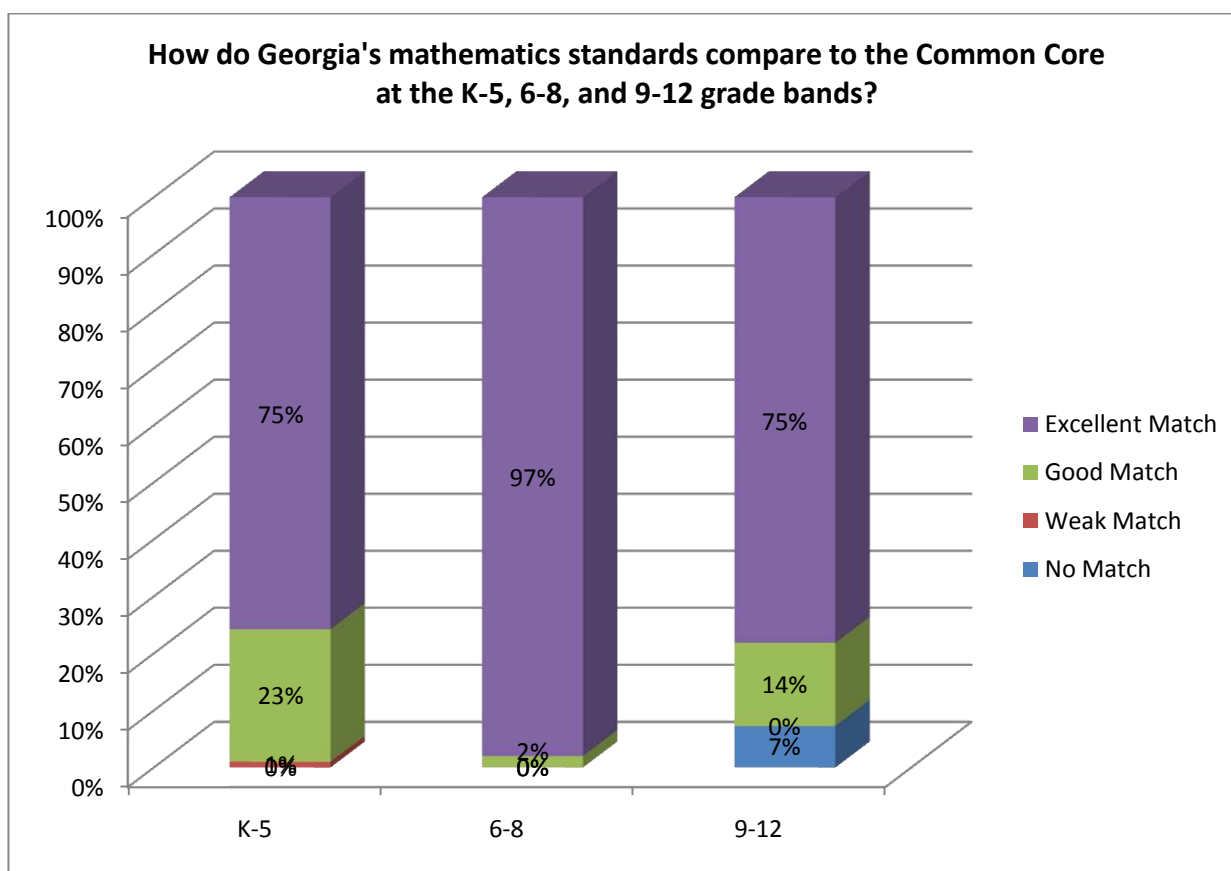


Chart Reads: Of the Common Core elementary standards (K-5), your team rated 75% an excellent match, 23% a good match, and 1% a weak match to Georgia's mathematics standards with 0% having no match. Of the Common Core standards (6-8), your team rated 97% an excellent match...etc.

Conclusion and Next Steps

We hope the Common Core Comparison Tool and this report has helped you better understand how the Common Core State Standards in Mathematics compare with the current expectations Georgia has for its students and helps better inform your thinking about adoption and implementation of the Common Core.

To help analyze the results of your comparison, Achieve has developed an Implementation Guide. Along with the report, these companion pieces are meant to help you think about implementation and the implications for curriculum, instruction, professional development, and assessments. In addition to the Section 2 reports and the Implementation Guide, Achieve has produced a set of *Achieving the Common Core* materials to help make the case for the Common Core in your state and to support states with adoption and implementation of the Common Core. See

<http://www.achievethecore.org/achievingcommoncore>.