

Georgia Milestones 2020-2021 State Norm-Referenced Score Report

This annual report provides norm-referenced results for the Georgia Milestones End-of-Grade and End-of-Course assessments administered during the 2020-2021 school year. Performance on these assessments can be used to compare Georgia students to a nationally-representative sample of students who completed *TerraNova*, a norm-referenced achievement test.

Note: 2020-2021 results should be considered in the context of this year's pandemic-related learning disruptions, particularly when making longitudinal comparisons. Visit the [2020-2021 Georgia assessment results page](#) for further information on the percent of enrolled Georgia students who completed Georgia Milestones this year and for guidance on interpreting the 2020-2021 results of Georgia assessments. For more detailed comparisons of Georgia achievement to national achievement, please see [Georgia's NAEP results](#).

National percentile ranks (NPRs) range from 1 to 99 and are commonly used for reporting norm-referenced test results. The NPR may be interpreted as the percentage of students in a national sample whose scores fall below a given student's *TerraNova* scale score. For example, if a student's scale score converts to an NPR of 71, the student scored higher than approximately 71 percent of the students in the *TerraNova* national norming group. The median NPR for the *TerraNova* national norming group is always 50; therefore, if Georgia's median NPR is 50, it indicates that Georgia students are performing at the same level as the students in the *TerraNova* national norming group. The median NPRs by grade/course for Georgia are shown in the tables below.

End-of-Grade – Spring 2021 – Median NPRs

Grade	English Language Arts	Mathematics	Science	Social Studies
3	29	47		
4	35	52		
5	39	44	44	
6	50	45		
7	47	56		
8	59	57	56	55

End-of-Course – Winter 2020 and Spring 2021 – Median NPRs

Course	Winter	Spring
American Literature and Composition	60	59
Coordinate Algebra	54	56
Algebra I	63	65
Biology	61	62
United States History	41	43

National norms are based on the achievement results from a carefully-defined sample of students in grades K-12, selected to be representative of the student population in the nation according to detailed demographic information. Using the historical performance of Georgia students on Georgia Milestones items and *TerraNova* items, a concordance was established such that the Georgia Milestones items may be linked to the *TerraNova* scale. This means that, for every Georgia Milestones score, *TerraNova* performance is estimated and the corresponding NPR is identified.

1554 Twin Towers East • 205 Jesse Hill Jr. Drive • Atlanta, GA 30334 • www.gadoe.org

Richard Woods, Georgia's School Superintendent

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