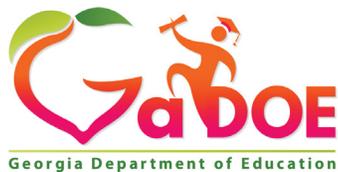


Georgia
Milestones
Assessment System



**End-of-Course (EOC)
Interpretive Guide
for Score Reports**

**For Use with Score Reports from
Winter 2014–Fall 2015 Administrations**



Georgia Department of Education
2015
All Rights Reserved

Information about Georgia's testing programs can be found at testing.gadoe.org.

Table of Contents

PURPOSE OF THIS GUIDE	1
BACKGROUND OF THE GEORGIA MILESTONES	1
EOC Administrations.....	1
Using the EOC Assessment as a Final Exam	2
Courses Assessed	2
Alignment to Standards	2
End-of-Course Test Contents	2
Format of Georgia Milestones Assessments	3
KEY TERMS	3
Accommodations.....	3
Achievement Level.....	4
Achievement Level Descriptor (ALD)	4
Administration Type	4
Criterion-Referenced Test.....	5
Domain.....	5
Grade Conversion Score (GCS).....	5
GTID.....	5
Lexile®	5
Lexile® Range.....	5
Lexile “Stretch” Bands.....	5
Mean Scale Score.....	5
Norm-Referenced Scores	6
Scale Score.....	6
Standard Deviation	6
Standard Error of Measurement (SEM).....	6
Test Form	7
GENERAL GUIDELINES FOR SCORE INTERPRETATION	7
Understanding the Use of Scale Scores.....	7
Scale Scores and Achievement Levels.....	8
Grade Conversion Score	8
Standard Error of Measurement	9
Students Not Receiving Scale Scores	10
Students With Conditional Scale Scores	10
Interpreting Lexile Measures.....	11
Interpreting Domain Level Information.....	13
Interpreting Group Data in Summary Reports	14

Table of Contents

GEORGIA MILESTONES SAMPLE REPORTS WITH ANNOTATIONS	15
Individual Student Reports	16
Sample Individual Student Report (Ninth Grade Literature and Composition example)	18
Sample Individual Student Report (United States History example)	20
Student Labels	22
Sample Student Labels (Ninth Grade Literature and Composition and United States History examples)	23
Class Roster Reports.....	24
Sample Class Roster Report (Ninth Grade Literature and Composition example).....	26
Sample Class Roster Report (United States History example).....	28
Content Area Summary Reports.....	30
Sample School Content Area Summary Report (Ninth Grade Literature and Composition example)	33
Sample System Content Area Summary Report (United States History example).....	35
Summary Reports of All Student Populations	37
Sample State Summary Report (United States History example)	38

PURPOSE OF THIS GUIDE

The purpose of this guide is to provide essential information to help various stakeholders interpret reports, scores, and data related to the Georgia Milestones End-of-Course (EOC) Assessments. The primary users of this guide are educators as well as parents. This guide should assist all stakeholders in understanding how to interpret and use the various scores for improving student attainment of the knowledge and skills assessed. This guide details the Individual Student Report and various reports created primarily for system and school staff use in evaluating student learning and making decisions about improving instruction.

This guide is organized into four sections: Background of the Georgia Milestones, Key Terms, General Guidelines for Score Interpretation, and Georgia Milestones Sample Reports with Annotations.

BACKGROUND OF THE GEORGIA MILESTONES

The Georgia Milestones Assessment System (Georgia Milestones) is a comprehensive summative assessment program that spans grades three through high school. Georgia Milestones measures how well students have learned the knowledge and skills outlined in the state-adopted content standards in English language arts (ELA), mathematics, science, and social studies. Georgia Milestones is designed to provide students with critical information about their own achievement and readiness for their next level of learning—be it the next grade, the next course, or endeavor (college or career). Informing parents, educators, and the public about how well students are learning important content is an essential aspect of any educational assessment and accountability system. Parents, the public, and policy makers, including local school districts and boards of education, can use the results as a barometer of the quality of educational opportunity provided throughout the state of Georgia. As such, Georgia Milestones serves as a key component of the state’s accountability system—the College and Career Ready Performance Index (CCRPI).

Students in grades 3 through 8 take an End-of-Grade (EOG) assessment in each content area, while students enrolled in any of the eight courses designated by the State Board of Education take an EOC assessment.

Features of the Georgia Milestones Assessment System include:

- open-ended (constructed-response) items in English language arts and mathematics (all grades and courses);
- a writing component (in response to passages read by students) at every grade level and course within the English language arts assessment;
- norm-referenced items in all content areas and courses, to complement the criterion-referenced information and to provide a national comparison; and
- transition to online administration over time, with online administration considered the primary mode of administration and paper-and-pencil as back-up until the transition is complete.

The remainder of this section will focus on Georgia Milestones EOC assessments.

EOC Administrations

The EOC assessment has three primary test administration windows: winter, spring, and summer. There are also mid-month windows for online administrations given in August, September, October, November, February, and March. Based on their local school calendar, each school district selects their local test dates from within the state-designated test administration window.

Using the EOC Assessment as a Final Exam

Any student enrolled in an EOC course, regardless of grade level, is assessed at the completion of the course. This includes middle school students who are enrolled in one or more high school courses associated with an EOC assessment. The EOC assessment is given as a final exam and the score is part of the student's final grade in the course. The student's final grade in an EOC course is calculated using a formula that includes course work as 80 percent and the EOC score as the remaining 20 percent. These percentages for course work and the EOC score were approved by the State Board of Education. The final course grade must be a 70 or higher to pass the course and receive credit towards graduation. For more information about the passing score rule and graduation requirements, see State Board Rules 160-4-2-.48 and 160-4-2-.13.

Courses Assessed

The State Board of Education is required by Georgia law (O.C.G.A. §20-2-281) to adopt assessments designed to measure student achievement relative to the knowledge and skills set forth in the state-adopted content standards. In 2014-2015, the Georgia Milestones EOC program assessed the following eight courses, as designated by the State Board of Education. The EOC assessments serve as the final exam in these courses. The courses are:

English Language Arts

- Ninth Grade Literature and Composition
- American Literature and Composition

Mathematics

- Coordinate Algebra
- Analytic Geometry

Science

- Biology
- Physical Science

Social Studies

- United States History
- Economics/Business/Free Enterprise

Alignment to Standards

The test items on Georgia Milestones are aligned to the Georgia academic standards for each course. The content standards describe what a student is expected to know and do. The Georgia Milestones test items have been written to assess the content knowledge and skills that are described in the academic content standards. During the item development process, Georgia educators review the items to ensure there is a match between the items and standards. Links to the academic standards and support documents are available on the Georgia Department of Education website at <https://www.georgiastandards.org/Pages/default.aspx>.

End-of-Course Test Contents

The contents of the EOC assessments are outlined in the test blueprints which are designed to communicate the structure of the Georgia Milestones assessments. The blueprints outline the types of items students will encounter on each course test, as well as the number of items and number of points possible. The blueprints also outline the domains, which are reporting categories based on groupings of related content standards. The standards assessed in each domain and the approximate percentage of points allocated to each domain are also provided. EOC test blueprints can be found at: <https://www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Georgia-Milestones-Test-Blueprints.aspx>.

Format of Georgia Milestones Assessments

Georgia Milestones assessments are administered in both paper-and-pencil and online formats. Georgia Milestones will transition over time to become primarily an online test. Online is considered the primary mode of testing, with paper-and-pencil available as backup until the transition is complete.

Beginning in 2014–2015, the EOC assessments incorporated new item types. In addition to selected response items (i.e., multiple choice), ELA and mathematics now have constructed-response items, extended constructed-response items, and extended writing-response items. In future years, technology-enhanced items will be field tested and incorporated into the assessments. Science and social studies consist only of selected-response items at this time.

A **selected-response** item, sometimes called a multiple-choice item, is a question, problem, or statement that is followed by four answer choices. These questions are worth one point. Science and social studies EOC assessments only include selected-response items.

A **constructed-response** item asks a question and students provide a response that they construct on their own. These questions are worth two points. Partial credit may be awarded if part of the response is correct. ELA and mathematics EOC assessments contain constructed-response items.

An **extended constructed-response** item is a specific type of constructed-response item that requires a longer, more detailed response. These items are worth four points. Partial credit may be awarded. ELA and mathematics EOC assessments contain extended constructed-response items. The narrative writing response in ELA is this four-point item.

The **extended writing-response** item is found on the ELA EOC assessments and comprises section three of the test. Students are expected to produce an argument or develop an informative or explanatory response based on information read in two passages. There are three selected-response items and one two-point constructed-response item to help focus the students' thoughts on the passages and to prepare them for the actual writing task. The extended writing-response task is scored on a seven-point scale: four points for idea development, organization, and coherence, and three points for language usage and conventions.

KEY TERMS

Accommodations

Accommodations are changes in a test administration that assist an eligible student in accessing the assessment and are only available to those students who have a documented disability or are classified as an English Learner (EL). The accommodations allowed on the EOC assessments are grouped into four broad categories: Presentation, Response, Setting, and Scheduling. Accommodations do not change what the assessment is designed to measure, nor do they dilute the meaning of the resulting scores. Accommodations are designed to provide equity, not advantage, and serve to level the playing field for students who are eligible due to their disability and/or level of English language proficiency. When used appropriately, they reduce or even eliminate the effects of a student's disability or limited language proficiency. They do not, however, reduce learning expectations.

An **accommodation** is an alteration in the administration of an assessment that allows students to participate meaningfully in the assessment process. Appropriate accommodations should be clearly determined by a student's Individualized Education Program (**IEP**) team, a Section 504 Individual Accommodation Plan (**IAP**) Committee, or an English Learner/Test Participation Committee (**EL/TPC**). The accommodations used by a student on a test must be consistent with the instructional and classroom assessment accommodations he or she is provided and must meet the criteria of state-approved accommodations.

There are two types of accommodations:

- **Standard Accommodations** provide access to the assessment without altering the construct measured by the assessment.
- **Conditional Accommodations** are more expansive accommodations that provide access for students with more severe disabilities who would not be able to access the assessment without such assistance. Conditional accommodations may only be provided to a limited number of students who meet specific eligibility criteria. A test score for a student provided such an accommodation(s) must be interpreted in light of the accommodation given.

The type of accommodation provided to a student determines the administration type (see below). For more information on accommodations, see the *Student Assessment Handbook* and the *Accommodations Manual* (both posted annually on the Georgia Department of Education's website at www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Information-For-Educators.aspx).

Achievement Level

An achievement level refers to a range of scores that defines a specific level of achievement, as articulated in the Achievement Level Descriptors (ALDs). There are four achievement levels for each EOC assessment: *Beginning Learner*, *Developing Learner*, *Proficient Learner*, and *Distinguished Learner*. Links to the ALDs and support documentation are available on the Georgia Department of Education website at www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Georgia-Milestones-ALD.aspx.

Achievement Level Descriptor (ALD)

An achievement level descriptor (ALD) is a verbal statement describing each achievement level in terms of what the student has learned and is able to do. A condensed version of the ALDs is provided for parents in the Individual Student Report. More detailed versions of the ALDs and resources are available on the Georgia Department of Education website at www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Georgia-Milestones-ALD.aspx.

Administration Type

Administration type refers to the testing conditions under which a given student participates in an assessment. As required by federal and state law, all students must participate in a state's annual assessment that is based on its adopted content standards. As previously stated, students with disabilities (including those with Section 504 plans) and ELs may be eligible for accommodations that allow them to participate meaningfully in an assessment. **Based on the accommodation type, the administration type for these students would be classified as one of the following:**

- **Standard Administration** refers to testing conditions in which the procedures and directions prescribed in the administration manual are followed **exactly**. This includes administrations where students are provided standard accommodations, such as testing in a small-group setting or using large-print materials.
- **Conditional Administration** refers to any testing conditions in which conditional accommodations are provided. Because conditional accommodations may begin to encroach on what the test measures, caution must be exercised when determining whether a student requires such accommodations to access the test. Test results for students who receive such accommodations must be interpreted in light of the conditional administration(s).

Criterion-Referenced Test

A criterion-referenced test is designed to provide information about how well a student has mastered the state-adopted content standards within a course. It allows its users to make score interpretations of a student's performance in relation to a specified performance standard or criteria, rather than in comparison to the performances of other test takers. Georgia Milestones is a criterion-referenced test.

Domain

A domain is a group of related content standards within a course. Providing information at the domain level helps educators determine the relative strengths and weaknesses of individual students and their classes as a whole. The number of domains on an EOC assessment varies by course (see page 13 of this guide).

Grade Conversion Score (GCS)

A grade conversion score (GCS) is a transformation of the Georgia Milestones scale score to a number between 0 and 100. Since the EOC assessment is used as the final exam for a course, the GCS provides a score on the typical 0 to 100 grade scale.

GTID

The Georgia Test Identifier (GTID) is the unique number assigned to each student that identifies the student throughout his/her public education years in the Georgia public school system.

Lexile®

A Lexile, sometimes called a *Lexile measure*, is a standard score that matches a student's reading ability with the difficulty of textual material. Lexile scores are used to match readers with texts of appropriate difficulty levels. Students in grades 1 through 12 typically score in a range from Beginning Reader (BR) to 1600L. Because the text complexity on the Georgia Milestones reflects the more rigorous expectations of the state-adopted content standards addressing reading skills, the highest Lexile possible on the Ninth Grade Literature and Composition EOC assessment is 1725L, and for the American Literature and Composition EOC assessment, it is 1800L. More information about Lexiles can be found on page 11 of this guide or at <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Lexile-Framework.aspx>.

Lexile® Range

A student's Lexile score is used to determine his or her Lexile range; a full Lexile range can be used to select reading material for the classroom and at home. On a student's Individual Student Report (ISR), three books are identified as falling into the *leisure* range, and three books are identified as falling into the *motivating challenge* range. The *leisure* range represents the easiest kind of reading material that is appropriate for the student and can be found by subtracting 100L from the student's Lexile measure. The *motivating* range represents the most difficult level of material the student can read successfully and is found by adding 50L to the student's Lexile measure.

Lexile “Stretch” Bands

Lexile “stretch” bands are ranges of Lexiles by grade/course that indicate the text complexity students should be reading to be on the pathway to be college or career ready upon high school graduation. More information about Lexile “stretch” bands can be found on page 12 of this guide or at <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Lexile-Framework.aspx>.

Mean Scale Score

The mean is the arithmetic average of a set of scale scores. The mean scale score is found by adding all the scale scores in a given distribution and dividing that sum by the total number of scale scores.

Norm-Referenced Scores

Each Georgia Milestones assessment includes a subset of 20 items from the TerraNova, a norm-referenced achievement test (updated in 2011), in order to provide some information about student performance compared to other students nationally. This type of standardized assessment allows for the interpretation of the test score in relation to a specified national reference group, usually others of the same grade and age.

All 20 TerraNova items contribute to a student's norm-referenced score. However, only those TerraNova items (10 or fewer items depending on the specific EOC assessment) that align to state content standards (as determined by Georgia educators) serve a dual purpose by also contributing to the Georgia Milestones score.

The following terms are related to norm-referenced tests.

- **National Percentile Ranks** range from 1 to 99 and are commonly used for reporting test results to students and their parents and/or guardians. A percentile may be interpreted as the percentage of students in a national sample whose scores fall below a given student's scale score. For example, if a student's scale score converts to a national percentile rank (NP) of 71, the student scored higher than approximately 71 percent of the students in the national norm group. Note that NPs cannot be averaged. Given that the norm-referenced score is based only on a subset of 20 items, there is no direct correspondence between a student's national percentile rank and his/her Georgia Milestones scale score. Thus, two students receiving the same Georgia Milestones scale score on the same EOC assessment could actually have different national percentile ranks.
- **National Percentile Range** indicates where a student's true percentile ranking likely falls. For example, if a student scored a NP of 64 and the national percentile range is 54–74, it is likely that if the student were to take the test again, he/she would be expected to obtain a national percentile rank between the 54th and 74th percentile.
- **Normal Curve Equivalent (NCE) Scores** range from 1 to 99 and measure where a student falls along the normal curve distribution. The NCE scale coincides with the percentile rank scale at 1, 50, and 99. Unlike percentile ranks, the NCE is an equal-interval scale, meaning that the difference between two successive scores on the scale has the same meaning throughout the scale. Therefore, NCE scores can be averaged across students to calculate a mean NCE score for a class, school, system, or state.

Scale Score

A scale score is a mathematical transformation of the total number of points earned (i.e., the raw score). Scale scores provide a uniform metric for interpreting and comparing scores within each course.

Standard Deviation

The standard deviation is a measure of the variability or dispersion of a distribution of scores that represents the average difference between individual scores and the mean. The more the scores cluster around the mean, the smaller the standard deviation.

Standard Error of Measurement (SEM)

The standard error of measurement (SEM) is the amount a student's observed score (the score the student actually receives on the test) may vary from his or her "true" score, based on the reliability of the test. More information about the SEM can be found on page 9 of this guide.

Test Form

Multiple versions of tests are developed for each course of the Georgia Milestones Assessment. These alternate tests, referred to as parallel test forms, are designed to be as similar as possible in terms of test specifications and statistical criteria. Although test forms may differ slightly in difficulty, tests are equated through a statistical process so that scale scores are equivalent across test forms within the same course and can be compared across administrations.

GENERAL GUIDELINES FOR SCORE INTERPRETATION

This section provides general guidelines for interpreting various scores generated from the Georgia Milestones EOC assessment. Educators are advised to help parents understand the various components of the Individual Student Report. Particularly, the focus should be to help parents understand their child's individual strengths and weaknesses in relation to the expectations of the state-adopted content standards. School and system staff should use the various school, system, and state summary reports to understand the strengths and weaknesses of the school's or system's curriculum and instruction. In general, score interpretation should focus on how well students have learned the skills and knowledge outlined in the state-adopted standards and incorporate other evidence of student learning.

Understanding the Use of Scale Scores

In order for different stakeholders (Georgia, systems, schools, parents, etc.) to make consistent and accurate decisions based on assessment results, the scores reported from assessments need to be comparable—that is, scores must carry the same meaning regardless of which form was administered. The use of scale scores to report student performance makes this possible and has distinct advantages over other methods such as raw scores and proportion-correct information.

Creating scale scores is analogous to converting currency from different countries to US dollars in order to report the relative value of different currencies. For example, scores for the SAT, the widely-used college entrance exam, are reported on a scale ranging from 200 to 800. Student raw score performance on the SAT is converted to the reporting scales in order to take into account any differences between the various forms of the SAT that are administered.

A new scale of measurement was developed to report student performance on the Georgia Milestones assessments. Scores on all Georgia Milestones reports are expressed as scale scores. The scale score reported for each EOC assessment is derived by converting the total number of points earned on the test (i.e., the raw score) to the Georgia Milestones scale for each particular EOC assessment. Scale scores are comparable across all test forms and administrations for the *same* EOC assessment. For example, a scale score of 525 on the American Literature and Composition EOC assessment from one form of the test, or from one administration, indicates the same examinee ability as a score of 525 from any other form or administration of the American Literature and Composition EOC assessment. Each time a test is administered, a new form of that test has been equated with previously administered forms to adjust for differences in difficulty, and the scores on the different forms share the same reporting scale. Scale scores are *not* comparable across different EOC assessments. Thus, a scale score of 525 on the American Literature and Composition EOC assessment does not indicate the same level of ability as a scale score of 525 on the Ninth Grade Literature and Composition EOC assessment or the United States History EOC assessment.

Scale Scores and Achievement Levels

To provide more meaning to an assessment's scaling system, achievement levels are established. A process known as standard setting helps to define points along the scale score range and gives additional meaning to student performance. These points that define different achievement levels are known as cut scores. Georgia educators and stakeholders from around the state participated in the standard setting process for the Georgia Milestones EOC assessments in August 2015. The cut score recommendations from this statewide committee were presented to the State Board of Education and adopted in September 2015.

An achievement level is a range of scores that defines a specific level of student performance, as articulated in the Achievement Level Descriptors (ALDs). There are four achievement levels for each EOC assessment: *Beginning Learner*, *Developing Learner*, *Proficient Learner*, and *Distinguished Learner*. The following are the general policy ALDs for the Georgia Milestones Assessment System.

Beginning Learners do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.

Developing Learners demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need additional academic support to ensure success in the next grade level or course and to be on track for college and career readiness.

Proficient Learners demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.

Distinguished Learners demonstrate advanced proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are well prepared for the next grade level or course and are well prepared for college and career readiness.

The achievement level classification for a student is determined by the scale score cuts. EOC scores are reported on a scale that can range from 140 to 830. The minimum and maximum scale scores for the different EOC assessments differ because the tests vary in length and their relative difficulty. Table 1 presents the scale score ranges and cut scores associated with each student achievement level and EOC assessment.

Grade Conversion Score

The Georgia Milestones EOC assessments serve as the final exam for the EOC courses; therefore, a score on the typical 0–100 grade scale must be provided. The grade conversion score (GCS) is used as this score and contributes 20 percent to the final course grade. The GCS is not a percent correct score. Rather, it corresponds directly with the scale score.

Grade conversion scores are derived from the scale score in the following manner for the Georgia Milestones scales. The value of 0 is assigned to the lowest obtainable scale score (LOSS). LOSS differs by course. The value of 68 is assigned to the scale score cut for *Developing Learner*, which is 475. The value of 80 is assigned to the scale score cut for *Proficient Learner*, which is 525. The value of 92 is assigned to the scale score cut for *Distinguished Learner*, which is different by course. The value of 100 is assigned to the highest obtainable scale score (HOSS). HOSS differs by course. Finally, a linear transformation is applied to all possible scale scores between any of the two key points referenced above. Table 1 presents the grade conversion scores associated with each student achievement level.

Table 1: Scale score ranges and grade conversion score ranges by achievement level

Achievement Levels								
	Achievement Level 1: Beginning Learner		Achievement Level 2: Developing Learner		Achievement Level 3: Proficient Learner		Achievement Level 4: Distinguished Learner	
	Scale Score	Grade Conversion Score	Scale Score	Grade Conversion Score	Scale Score	Grade Conversion Score	Scale Score	Grade Conversion Score
Ninth Grade Literature and Composition	220 to 474	0 to 67	475 to 524	68 to 79	525 to 586	80 to 91	587 to 735	92 to 100
American Literature and Composition	190 to 474	0 to 67	475 to 524	68 to 79	525 to 589	80 to 91	590 to 750	92 to 100
Coordinate Algebra	215 to 474	0 to 67	475 to 524	68 to 79	525 to 593	80 to 91	594 to 790	92 to 100
Analytic Geometry	185 to 474	0 to 67	475 to 524	68 to 79	525 to 595	80 to 91	596 to 810	92 to 100
Biology	140 to 474	0 to 67	475 to 524	68 to 79	525 to 608	80 to 91	609 to 820	92 to 100
Physical Science	145 to 474	0 to 67	475 to 524	68 to 79	525 to 603	80 to 91	604 to 815	92 to 100
United States History	215 to 474	0 to 67	475 to 524	68 to 79	525 to 589	80 to 91	590 to 765	92 to 100
Economics/ Business/Free Enterprise	140 to 474	0 to 67	475 to 524	68 to 79	525 to 609	80 to 91	610 to 830	92 to 100

Standard Error of Measurement

Standard error of measurement (SEM) is an estimate of the precision at various points along the score scale, and is also known as the conditional standard error of measurement. Essentially, this means that if a student were to take a test repeatedly (without additional learning or memorization of the test occurring), then it would be expected that his/her observed score (the score that is actually received on the test) may vary from his or her “true” score within a range of “observed score plus or minus the SEM.” The student’s “true” score is never really known since the student rarely takes a single test multiple times.

Because no test measures achievement with perfect reliability, it is important to take into account the standard error of measurement when interpreting test scores. The SEM is calculated independently for each EOC assessment, and an error band (plus/minus one SEM unit) is reported together with the student’s scale score. It is important to note that the SEM is a function of the number of points on which a particular score is based. The SEM is reported on the Individual Student Report as a range above and below the student’s score on each test. For example, if a student receives a score of 543, the SEM range might be 526–560. The wider this range, the greater the potential variation between the student’s observed score and his or her “true” score. The SEM is a way to measure this variation in achievement. If a student were to take this assessment multiple times, all of his or her scores would likely fall within the SEM range.

Students Not Receiving Scale Scores

There are a number of reasons why a student may not receive a scale score. In these cases, the student receives one of the following designations in lieu of a scale score.

- **PTNA**—This designation indicates **Present, Test Not Attempted**. A PTNA designation is used for instances in which a student was present for the test administration but was unable to test. In this case, the examiner should mark the student with the PTNA indicator. Parental request for a student to opt out is not an allowable use of PTNA. Scores associated with a PTNA are not included when computing statistics for the summary reports.
- **DNA**—This designation indicates that a student **Did Not Attempt** an assessment according to the guidelines established for the EOC assessment. For example, if a student is absent for an EOC assessment, he or she would receive a DNA rather than a scale score for that test. Scores associated with a DNA are not included when computing statistics for the summary reports.
- **IV**—This designation indicates that there was an irregularity associated with a student’s test administration and the student’s score was **Invalidated**. For example, if a student cheats on an EOC assessment, he or she would receive an IV rather than a scale score for that test. Scores associated with an invalidated administration are not included when computing statistics for the summary reports.
- **PIV**—This designation indicates that there was an irregularity in test administration that resulted in a **Participation Invalidation**. In a Participation Invalidation, the student’s score is invalidated **and** the student is not considered a participant for accountability purposes. For example, if a student receives an inappropriate accommodation on an EOC assessment, the student would receive a PIV rather than a scale score for that assessment, and he or she would **not** be counted as a test participant. Scores associated with a PIV are not included when computing statistics for the summary reports.

Students With Conditional Scale Scores

Students with disabilities (including those with Section 504 plans) and ELs are allowed accommodations on the EOC assessments that are consistent with the instructional and testing accommodations annotated in the student’s IEP, IAP, or EL/TPC. Only accommodations approved by the Georgia Department of Education may be used. Certain accommodations are considered standard and do not affect score interpretation. However, other accommodations are nonstandard and result in a conditional administration (CA) designation. Conditional accommodations permit those students with more severe disabilities and ELs with very limited English proficiency to access the assessments. Conditional accommodations are limited to a small number of students who meet specific eligibility criteria.

If a student had a conditional accommodation/administration, then his/her scale score appears with a ‘**CA**’. Any test score (e.g., scale score, GCS, national percentile, etc.) resulting from a conditional administration must be interpreted in light of the specific accommodations provided to the student during testing because conditional accommodations are more expansive than standard accommodations and may encroach on the knowledge and skills targeted by the assessment.

The teacher should review the test results in light of the student’s IEP, IAP, or EL/TPC and explain to a parent the type(s) of accommodation(s), if any, that were provided during testing. Discussions should focus on the fact that the student obtained an EOC assessment score with a conditional accommodation(s) and that it is not clear how his or her performance would be affected if such a conditional accommodation(s) were removed.

The discussion should also include what type(s) of instructional and testing accommodations will be allowed in the student's IEP, IAP, or EL/TPC *next year*. The goal should always be to allow the student to learn and demonstrate what he or she has learned with fewer accommodations over time. Accommodations should foster independence for students, not dependence.

NOTE: The ELA EOC assessments results in several scores: an ELA scale score, a reading status, a Lexile measure, and national percentile rank. If a student takes an ELA EOC assessment with a conditional accommodation, each of these scores needs to be interpreted in light of this conditional administration.

Interpreting Lexile Measures

A Lexile measure is a standard score that matches a student's reading ability with the difficulty of textual material. Students in grades 1 through 12 typically score in a range from Beginning Reader (BR) to 1600L. A Lexile can be interpreted as the level of text that a student can read with 75 percent comprehension. Experts have identified 75 percent comprehension as the level at which students can read with a certain amount of comfort and yet still be challenged. The ELA EOC assessments have been linked to the Lexile® Framework for Reading in an effort to provide teachers with an additional indicator of a student's reading ability. Because the text complexity on the Georgia Milestones reflects the more rigorous expectations of the state-adopted content standards addressing reading skills, the highest Lexile obtained on the Ninth Grade Literature and Composition EOC assessment is 1725L, and for the American Literature and Composition EOC assessment, it is 1800L. **A student must take an ELA EOC assessment and receive an ELA scale score in order to receive a Lexile measure.**

In advising parents, educators should point out that the Individual Student Report not only shows the student's obtained Lexile measure, but also displays two ranges—a *leisure* reading range and a *motivating* reading range—with suggested sample book titles for each. The *leisure* range represents the easiest kind of reading material that is appropriate for the student and can be found by subtracting 100L from the student's Lexile measure. The *motivating* range represents the most difficult level of material the student can read successfully and is found by adding 50L to the student's Lexile measure. Some students may receive "BR" as their Lexile measure, which denotes a Beginning Reader and indicates that the student can read the simplest of books.

A student's full Lexile range can be used in selecting reading material for the classroom and at home. Many textbooks, novels, magazines, newspapers, and other reading materials have been linked to the Lexile® Framework for Reading. The Lexile measure is a useful tool for matching student readers with appropriate texts.

When advising parents about how to use their student's Lexile measure and range to select reading material, educators should stress the following points:

- The Lexile measure is a good starting point but should not be the only factor in identifying reading material.
- The Lexile measure is a measure of textual difficulty and does not take into account age appropriateness, student interest, or the quality of the text.
- Educators and parents should always preview books before encouraging students to read them.

It is generally not appropriate to calculate a mean Lexile score for a class, school, or system. The Lexile measure is intended to match an individual student's reading ability with texts of appropriate difficulty levels.

Several of the Georgia Milestones reports provide summary information on the Lexile measures. The Class Roster Summary and the Content Area Summary show a distribution of the percentage of students that fall below, within, or above the Lexile “stretch” band. The Lexile “stretch” bands shown in Table 2 are ranges of Lexiles by grade/course that indicate the text complexity students should be reading to be on the pathway to be college or career ready upon high school graduation.

Table 2: Lexile “Stretch” Bands

Grade/Course	College & Career Ready “Stretch” Lexile Bands
3	520L to 820L
4	740L to 940L
5	830L to 1010L
6	925L to 1070L
7	970L to 1120L
8	1010L to 1185L
Ninth Grade Literature and Composition	1050L to 1260L
American Literature and Composition	1185L to 1385L

The Lexile bands in the table above help teachers and parents determine what level of text is appropriate for each grade or course and what level of text will stretch the students and help them gain in literacy skills. Students should read written texts within the “stretch” Lexile band for each year in order to be on the pathway to be college or career ready upon high school graduation.

To find out more about using Lexiles in the classroom or at home, visit the Georgia Department of Education’s Lexile® Framework for Reading website at <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Lexile-Framework.aspx>.

Interpreting Domain Level Information

For each course, related content standards are grouped into smaller categories called domains. An overview of the domains assessed on each EOC assessment is presented in Table 3.

Table 3: Domain structure for each EOC assessment

EOC Domains					
Ninth Grade Literature and Composition	Reading and Vocabulary	Writing and Language			
American Literature and Composition	Reading and Vocabulary	Writing and Language			
Coordinate Algebra	Algebra and Functions	Algebra Connections to Geometry	Algebra Connections to Statistics and Probability		
Analytic Geometry	Geometry	Expressions, Equations, and Functions	Number and Quantity	Statistics and Probability	
Biology	Cells	Genetics	Organisms	Ecology	Evolution
Physical Science	Chemistry: Atomic and Nuclear Theory and the Periodic Table	Chemistry: Chemical Reactions and Properties of Matter	Physics: Energy, Force, and Motion	Physics: Waves, Electricity, and Magnetism	
United States History	Colonization through the Constitution	New Republic through Reconstruction	Industrialization, Reform, & Imperialism	Establishment as a World Power	Post-World War II to the Present
Economics/Business/Free Enterprise	Fundamental Economic Concepts	Microeconomic Concepts	Macroeconomic Concepts	International Economics	Personal Finance Economics

Student performance for each domain is reported on the Individual Student Report to provide information about a student's relative strengths and/or weaknesses within the course. The domain mastery is reported differently depending on the course. The list below shows how domain mastery is reported on the Individual Student Report:

English Language Arts (ELA):

To provide more details about a student's performance on the Georgia Milestones ELA assessment, reports provide a reading status based on the subset of reading items. In addition, the reports detail a student's performance on the two constructed-response writing items—the extended writing task and the narrative writing response.

- **Reading Status – reported as one of the following:**
 - *Below Grade Level*
 - *Grade Level or Above*

- **Writing Scores**
 - Extended Writing Task – reported as scores for the following two traits:
 - Trait 1: Ideas, Organization and Coherence – number of points earned out of 4 points
 - Trait 2: Language Usage and Conventions – number of points earned out of 3 points
 - Narrative Writing Response – number of points earned out of 4 points

Mathematics, Science, and Social Studies:

Domain mastery indicators provide diagnostic information to indicate a student’s strengths and areas of need at the domain level. The determination of the mastery category is based on the likelihood that the student would achieve proficiency on the test given his/her performance in the domain.

There are three categories for reporting domain mastery:

- A student who achieves *Remediate Learning* is well below mastery on a domain and should consider additional study or instructional opportunities on that domain.
- A student who achieves *Monitor Learning* has not consistently demonstrated mastery on a domain and thus additional information should be used in order to assess whether additional study or instruction is necessary.
- A student who achieves *Accelerate Learning* has demonstrated achievement on that domain at or above the level expected of a student just at the threshold of *Proficient Learner* at the total test level.

NOTE: The results for domains that are measured with fewer points are less reliable than for domains measured with more points. Thus, when only a few points are used to measure a domain, other measures (e.g., observations, homework, etc.) should be used to confirm the results reported here. To find the approximate number of points allocated to each domain, visit the EOC blueprint that can be found at <https://www.gadoe.org/Curriculum-Instruction-and-Assessment/Assessment/Pages/Georgia-Milestones-Test-Blueprints.aspx>.

Students who take the Braille version of the EOC assessment are scored only on those items that are present on the Braille form of the assessment. Because some test items may not be converted to Braille, the Braille version may have a different number of items in a given domain than other EOC assessment versions. Most Braille forms have the same number of items as regular forms because Universal Design has been the focus throughout item and test development.

Interpreting Group Data in Summary Reports

Summary reports are provided for classes, schools, systems, and the state as a whole. In addition, some reports provide comparative data at the school, system, Regional Educational Service Agency (RESA), and state levels. When interpreting group statistics such as percentages, means, and standard deviations, it is important to take into account the group size. The smaller the group size, the larger the measurement error associated with the group statistics. For this reason, summary information is not provided for groups of fewer than 10 students. The exception to this rule is the Class Roster. Class Rosters will summarize the student results for instructional decision making even for classes with less than 10 students. These reports carry a special note: “Provided for Instructional Purposes Only; NOT for Public Distribution; Avoid FERPA.” Educators should take extra precautions with these reports. It should also be noted that the sum of the percentages of students falling into each achievement level may not total exactly 100 percent due to rounding.

Results from students using the Braille version of the EOC assessment are included in the summary reports. Because some items cannot be Brailled to be accessed easily by blind students, the Braille version may have slightly fewer items than the paper-and-pencil or online version. All tests in a given form of a course are equated so total test performance is comparable. However, when examining domain performance, caution should be taken when comparing the achievement of students who took the Braille version with the achievement of students who took the standard paper-and-pencil or online EOC assessment because the items that could not be Brailled may impact one domain more than another.

GEORGIA MILESTONES SAMPLE REPORTS WITH ANNOTATIONS

This section of the *EOC Interpretive Guide for Score Reports* provides samples of reports with annotation of the different components of each report. Reports are available for certain school system personnel to access electronically through a secure and protected site (i.e., eDIRECT or MyGaDOE Portal) and/or via paper copies (see Table 4). The many reports provided for the Georgia Milestones EOC assessments are enumerated below:

- **Individual Student Report (ISR)**
 - Electronic via eDIRECT
 - Paper via shipment
- **Student Labels**
 - Paper only via shipment
- **Class Roster**
 - Electronic only via eDIRECT
- **Content Area Summaries (School, System, State)**
 - Electronic only via MyGaDOE Portal
- **Summary Report of All Student Populations (School, System, State)**
 - Electronic only via MyGaDOE Portal
- **System Student Data File**
 - Electronic only via eDIRECT and MyGaDOE Portal
 - Both .txt and .csv formats (no Extraction tool required)

Table 4: Report Type and Delivery Method

Report Type/Data File	eDIRECT	MyGaDOE Portal	Paper
Individual Student Report (ISR)	X		X
Student Labels			X
Class Roster	X		
Content Area Summary – School Level		X	
Content Area Summary – System Level		X	
Content Area Summary – State Level		X	
Summary Report of All Student Populations – School Level		X	
Summary Report of All Student Populations – System Level		X	
Summary Report of All Student Populations – State Level		X	
Student Data File – System (.txt and .csv)	X	X	

NOTE: ISRs, student labels, and class rosters contain fictitious student names and other information (e.g., GTID) and are provided in this guide to illustrate different aspects of test results and reports.

Individual Student Reports

The Individual Student Report (ISR) presents the student's results for each test taken. Schools receive two paper copies of the ISR for each student—one to keep at the school and one to send home to parents/guardians. Select school staff can also download electronic versions of the ISRs from eDIRECT.

A Sample Ninth Grade Literature and Composition ISR appears on pages 18 and 19.

A Sample United States History ISR appears on pages 20 and 21.

The top of each page of the ISR (on pages 18 through 21) provides:

- 1 **Student Demographic Information:** student name, GTID, birthdate, test date, form, class name, school name, and system name.

The first page of the ISR (on pages 18 and 20) also provides:

- 2 **Achievement Level:** The overall student achievement level on each test is categorized as *Beginning Learner*, *Developing Learner*, *Proficient Learner*, or *Distinguished Learner*. According to the Ninth Grade Literature and Composition sample ISR, Mary A. Johnson's overall performance level is *Proficient Learner*. On the United States History sample ISR, John L. Smith's overall performance level is *Beginning Learner*.
- 3 **Scale Score:** This area of the report shows a student's scale score and the range of scale scores for the achievement level. According to the Ninth Grade Literature and Composition sample ISR, Mary A. Johnson's scale score is 543 and this falls within the *Proficient Learner* scale score range of 525–586. John L. Smith's scale score on United States History is 320 and this falls within the *Beginning Learner* scale score range of 215–474.
- 4 **Grade Conversion Score:** A GCS, ranging from 0 to 100, is a transformation from the scale score and is helpful because it can be more readily incorporated into course grades than can scale scores. Mary A. Johnson's GCS is 83. John L. Smith's GCS is 27.
- 5 **Achievement Levels:** Brief descriptions of all four Georgia Milestones achievement levels are provided to allow students and parents to see the full continuum of expectations.

The second page of the ISR (on pages 19 and 21) includes the student's:

- 6 **Achievement Level:** Mary A. Johnson's achievement level in Ninth Grade Literature and Composition is *Proficient Learner*, with a scale score of 543. Mary demonstrates proficiency in the knowledge and skills necessary in Ninth Grade Literature and Composition, as specified in Georgia's content standards. John L. Smith's achievement level is *Beginning Learner*, with a scale score of 320. John does not yet demonstrate proficiency in the knowledge and skills necessary in United States History.

7 Domain Category and Performance: Standards for each course have been grouped into domains, or clusters of standards with related content. Domain level information is reported differently on ELA EOC assessments than it is on EOC assessments in mathematics, science, and social studies. On the ELA EOC reports, students receive a reading status designation for the Reading and Vocabulary domain and information on how the student performed on the extended writing task and the narrative writing response for the Writing and Language domain. On the sample ISR for Ninth Grade Literature and Composition, Mary A. Johnson received a reading status of *Grade Level or Above*. For the two traits of the extended writing task (which was an argumentative essay for Mary), she earned 3 out of 4 points for Idea Development, Organization and Coherence and 2 out of 3 points for Language Usage and Conventions. For the narrative writing response, she received a condition code of C, which indicates her response was illegible or too limited to score. The footnote explains the condition codes.

On the United States History ISR, John Smith's domain mastery performance is reported by using the domain categories. John received *Remediate Learning* on each of the five domains. This is the way domain level information is reported on EOC assessments in mathematics, science, and social studies.

8 Comparison chart illustrating the student's score compared to the mean scale scores within the school, system, and state. On the sample ISR for Ninth Grade Literature and Composition, Mary A. Johnson performed better than most students at her school but did not perform as well as most students in the system and in the state. On the sample ISR for United States History, John L. Smith did not perform as well as most students in his school, system, and state.

9 Comparison of the student's performance to a national sample of students. Students took a sample of TerraNova norm-referenced items that allows the student to receive a national percentile score as well as a national percentile range. Mary A. Johnson received a national percentile of 60, which means that she performed as well as or better than 60 percent of the national norming group. If Mary were to take the test again, she would be expected to obtain a national percentile rank within the national percentile range of 52–68. John L. Smith received a national percentile of 10, which means that he performed as well as or better than 10 percent of the national norming group. If John were to take the test again, he would be expected to obtain a national percentile rank within the national percentile range of 2–18.

10 Your Student's Lexile Information (ELA only). The second page of the ELA ISRs also includes the student's Lexile information and suggested book titles. For example, on the Ninth Grade Literature and Composition sample ISR, Mary A. Johnson's Lexile measure is 1330L. Her *leisure* reading range, which represents the easiest kind of reading material that is appropriate for Mary, is 1230L–1330L. The *motivating* reading range, the most difficult level of material Mary can read successfully, is 1330L–1380L.

Sample Individual Student Report (Ninth Grade Literature and Composition example)

(Please see pages 16 and 17 for descriptions of numbered areas.)

1 **JOHNSON, MARY A.**

GTID: 0123456789

BIRTHDATE: 12/27/1999

TEST DATE: 05/12/15

FORM: BU

CLASS NAME: ANY CLASS

SCHOOL NAME: ANY SCHOOL

SYSTEM NAME: ANY SYSTEM

Individual Student Report End-of-Course Assessment Ninth Grade Literature and Composition Spring 2015



The Georgia Milestones Assessment System spans grades 3 through high school and measures how well students have learned the knowledge and skills outlined in the state content standards in English Language Arts, Mathematics, Science, and Social Studies. Georgia Milestones provides information about each student's achievement and readiness for his or her next level of learning—be it the next grade, course, or endeavor such as college or career.

This report summarizes your student's performance on the Spring 2015 Georgia Milestones End-of-Course (EOC) Assessment. The first page provides an overview of the student's overall performance on the EOC for a particular course. The second page provides more details about your student's performance.

Your student's overall performance on the Georgia Milestones End-of-Course Assessment for Ninth Grade Literature and Composition

	2	3	4
CONTENT AREA	ACHIEVEMENT LEVEL	SCALE SCORE	GRADE CONVERSION SCORE
Ninth Grade Literature and Composition	LEVEL 3 PROFICIENT LEARNER 	543 Scale Score Range 525-586	83
Grade Conversion Score: A student's score converted to a 0-100 scale.			

Achievement Levels

5

LEVEL 1: BEGINNING LEARNERS do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.

LEVEL 2: DEVELOPING LEARNERS demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need additional academic support to ensure success in the next grade level or course and to be on track for college and career readiness.

LEVEL 3: PROFICIENT LEARNERS demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.

LEVEL 4: DISTINGUISHED LEARNERS demonstrate advanced proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are well prepared for the next grade level or course and are well prepared for college and career readiness.

For more information see the Score Interpretation Guide at testing.gadoe.org.

Copyright © 2015 Georgia Department of Education. All rights reserved. Lexile® and Lexile Framework® are registered trademarks of MetaMetrics, Inc.

Page 1

Sample Individual Student Report (Ninth Grade Literature and Composition example)

(Please see pages 16 and 17 for descriptions of numbered areas.)

JOHNSON, MARY A.

BIRTHDATE: 12/27/1999

CLASS NAME: ANY CLASS

GTID: 0123456789

TEST DATE: 05/12/15

SCHOOL NAME: ANY SCHOOL

FORM: BU

SYSTEM NAME: ANY SYSTEM

Ninth Grade Literature And Composition

Spring 2015



6

Achievement Level	
✓ Level 3: Proficient Learner	Scale Score
Proficient Learners demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.	543

7

Domain Category	Performance	
Reading and Vocabulary	Grade Level or Above	
Writing and Language¹	Extended Writing argumentative essay score:	
	Idea Development, Organization and Coherence	3 out of 4 points
	Language Usage and Conventions	2 out of 3 points
	Narrative Writing Response score:	
	Condition Code C	

Standard Error of Measurement (SEM): A scale score of **543** indicates your student's achievement on the day of testing. If your student were to take the same test again, it is likely that his or her score would be within the standard error of measurement range of **526-560**.

8

Comparison to the School, System, and State				
The school, system, and state bar graphs reflect the mean scale score for the group.				
Achievement Levels	Student	School	System	State
Level 4: Distinguished Learner Scale Score Range: 587-735				570
Level 3: Proficient Learner Scale Score Range: 525-586	543	515	550	
Level 2: Developing Learner Scale Score Range: 475-524				
Level 1: Beginning Learner Scale Score Range: 220-474				

9

Comparison to a National Sample of Students		
National Percentile	National Percentile Range	
Your student's performance can be compared to other students nationally in Language. A subset of items in the End-of-Course assessment is from TerraNova, a nationally normed achievement test.	60	A national percentile of 60 means that your student performed as well as or better than 60 percent of the national norming group. If the student were to take the test again, he or she would be expected to obtain a national percentile rank within the National Percentile Range.
		52-68

10

Your Student's Lexile Information		
Lexile Measure: 1330L		
Lexile Range: 1230L-1380L		
<p>The Lexile Framework® for Reading matches a student's reading ability with the difficulty of text material. When selecting books, it is important to consider that Lexiles do not address age-appropriateness, student interest, or text quality. Suggested titles are not necessarily endorsed by the Georgia Department of Education. Books within the student's Lexile range can be found at the local library or by using the Find-a-Book database at www.lexile.com. For more information, visit www.gadoe.org/lexile.aspx.</p>		
Leisure Reading: 1230L-1330L		
Suggested Titles	Author	Lexile
Great Expectations	Dickens, Charles	1230L
The Dog Who Wouldn't Be	Mowat, Farley	1280L
The House of the Seven Gables	Hawthorne, Nathaniel	1320L
Motivating Challenge: 1330L-1380L		
Suggested Titles	Author	Lexile
Walden	Thoreau, Henry David	1340L
Robinson Crusoe	Defoe, Daniel	1360L
Raise Some Shell: Teenage Mutant Ninja Turtles	Rosenbaum, Richard	1380L

Condition Codes for Writing

A = Blank, B = Copied, C = Illegible/Too Limited to Score, D = Non-English/Foreign Language, E = Off Topic/Offensive

Sample Individual Student Report (United States History example)

(Please see pages 16 and 17 for descriptions of numbered areas.)

1 SMITH, JOHN L.

BIRTHDATE: 06/17/1998

CLASS NAME: ANY CLASS

GTID: 0123456789

TEST DATE: 05/12/15

SCHOOL NAME: ANY SCHOOL

FORM: AT

SYSTEM NAME: ANY SYSTEM

Individual Student Report End-of-Course Assessment United States History Spring 2015



The Georgia Milestones Assessment System spans grades 3 through high school and measures how well students have learned the knowledge and skills outlined in the state content standards in English Language Arts, Mathematics, Science, and Social Studies. Georgia Milestones provides information about each student's achievement and readiness for his or her next level of learning—be it the next grade, course, or endeavor such as college or career.

This report summarizes your student's performance on the Spring 2015 Georgia Milestones End-of-Course (EOC) Assessment. The first page provides an overview of the student's overall performance on the EOC for a particular course. The second page provides more details about your student's performance.

Your student's overall performance on the Georgia Milestones End-of-Course Assessment for United States History

	2	3	4
CONTENT AREA	ACHIEVEMENT LEVEL	SCALE SCORE	GRADE CONVERSION SCORE
United States History	LEVEL 1 BEGINNING LEARNER <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	320 Scale Score Range 215-474	27
Grade Conversion Score: A student's score converted to a 0-100 scale.			

Achievement Levels

5

LEVEL 1: BEGINNING LEARNERS do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.

LEVEL 2: DEVELOPING LEARNERS demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need additional academic support to ensure success in the next grade level or course and to be on track for college and career readiness.

LEVEL 3: PROFICIENT LEARNERS demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are prepared for the next grade level or course and are on track for college and career readiness.

LEVEL 4: DISTINGUISHED LEARNERS demonstrate advanced proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students are well prepared for the next grade level or course and are well prepared for college and career readiness.

For more information see the [Score Interpretation Guide](#) at [testing.gadoe.org](#).

Copyright © 2015 Georgia Department of Education. All rights reserved.

Page 1

Sample Individual Student Report (United States History example)

(Please see pages 16 and 17 for descriptions of numbered areas.)

SMITH, JOHN L.

BIRTHDATE: 06/17/1998

CLASS NAME: ANY CLASS

GTID: 0123456789

TEST DATE: 05/12/15

SCHOOL NAME: ANY SCHOOL

FORM: AT

SYSTEM NAME: ANY SYSTEM

United States History Spring 2015



6

Achievement Level		Scale Score
✓ Level 1: Beginning Learner		320
Beginning Learners do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning, as specified in Georgia's content standards. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.		

Standard Error of Measurement (SEM): A scale score of **320** indicates your student's achievement on the day of testing. If your student were to take the same test again, it is likely that his or her score would be within the standard error of measurement range of **291-349**.

7

Domain Category	Performance
Colonization through the Constitution	<input type="radio"/> Remediate Learning
New Republic through Reconstruction	<input type="radio"/> Remediate Learning
Industrialization, Reform, and Imperialism	<input type="radio"/> Remediate Learning
Establishment as a World Power	<input type="radio"/> Remediate Learning
Post World War II to the Present	<input type="radio"/> Remediate Learning

Domain Mastery

Remediate Learning

Monitor Learning

Accelerate Learning

8

Comparison to the School, System, and State				
The school, system, and state bar graphs reflect the mean scale score for the group.				
Achievement Levels	Student	School	System	State
Level 4: Distinguished Learner Scale Score Range: 590-765				
Level 3: Proficient Learner Scale Score Range: 525-589		530	550	525
Level 2: Developing Learner Scale Score Range: 475-524				
Level 1: Beginning Learner Scale Score Range: 215-474	320			

9

Comparison to a National Sample of Students		
National Percentile	National Percentile Range	
Your student's performance can be compared to other students nationally in United States History. A subset of items in the End-of-Course assessment is from TerraNova, a nationally normed achievement test.	10	A national percentile of 10 means that your student performed as well as or better than 10 percent of the national norming group. If the student were to take the test again, he or she would be expected to obtain a national percentile rank within the National Percentile Range.
		2-18

Student Labels

The Student Label is designed so that each student's test results can be placed in the student's permanent record at the school. A label is provided for every student in high school who participated in the Georgia Milestones administration. Each label has a self-adhesive backing so that it can be peeled from the sheet and placed in the student's cumulative school record. One label is provided per course and presents a snapshot of the student's results on the EOC assessment. It lists the student's Lexile measure for ELA and the scale scores for each course. It also indicates whether the student is a *Beginning Learner*, *Developing Learner*, *Proficient Learner*, or *Distinguished Learner* for each course. If the student did not attempt (DNA) or did not complete an assessment (PTNA), or if the student's test results were invalidated for any reason (IV or PIV), the appropriate code will be reported in lieu of a scale score.

Sample Student Labels for Ninth Grade Literature and Composition and United States History appear on page 23.

The Student Labels provide:

- 1 **Student Demographic Information:** student name, GTID, Date of Birth (DOB), grade, form, school name, system name, and system/school code.
- 2 **Scale Score:** The sample label for Mary A. Johnson shows a scale score of 543. The sample label for John L. Smith shows a scale score of 320.
- 3 **Grade Conversion Score:** A GCS, ranging from 0 to 100, is a transformation from the scale score and is helpful because it can be more readily incorporated into course grades than can scale scores. Mary A. Johnson's GCS is 83. John L. Smith's GCS is 27.
- 4 **Achievement Level:** The sample label for Mary A. Johnson shows an achievement level of *Proficient Learner*, which indicates that Mary demonstrates proficiency in the knowledge and skills necessary in Ninth Grade Literature and Composition, as specified in Georgia's content standards. John L. Smith received an achievement level of *Beginning Learner*, which indicates he does not yet demonstrate proficiency in the knowledge and skills necessary in United States History.
- 5 **TerraNova National Percentile:** The sample label for Mary A. Johnson shows a TerraNova NP of 60, which means that she performed as well as or better than 60 percent of the national norming group. The sample label for John L. Smith shows a TerraNova NP of 10, which means that John scored higher than approximately 10 percent of the students in the national norm group.
- 6 **Reading Status (only on ELA Student Labels):** The sample label for Mary A. Johnson shows a Reading Status of *Grade Level or Above*.
- 7 **Lexile Score (only on ELA Student Labels):** The sample label for Mary A. Johnson shows a Lexile measure of 1330L.

Sample Student Labels (Ninth Grade Literature and Composition and United States History examples)

(Please see page 22 for descriptions of numbered areas.)

	End-of-Course Assessment		
	Spring 2015		
Ninth Grade Literature and Composition			
1	Name: JOHNSON, MARY A	Grade: 9	
	GTID: 0123456789	DOB: 12/27/1999	Form: BU
School: ANYSCHOOL			
System: ANYSYSTEM		Code: 123-4567	
2	Scale Score: 543	5	TerraNova NP: 60
3	Grade Conversion Score: 83	6	Reading Status: Grade Level or Above
4	Achievement Level: Proficient Learner	7	Lexile: 1330L

	End-of-Course Assessment		
	Spring 2015		
United States History			
1	Name: SMITH, JOHN L	Grade: 11	
	GTID: 0123456789	DOB: 06/17/1998	Form: AT
School: ANYSCHOOL			
System: ANYSYSTEM		Code: 123-4567	
2	Scale Score: 320	5	TerraNova NP: 10
3	Grade Conversion Score: 27		
4	Achievement Level: Beginning Learner		

Class Roster Reports

Class rosters are accessible via eDIRECT.

Student rosters are generated at the class level for all EOC assessments. These reports contain demographic data and test results for each student listed on the roster. Rosters are produced for each course with students listed alphabetically within the class. Class rosters are generated separately for paper-and-pencil administrations and online administrations. The Class Roster is distributed via eDIRECT only and is accessible by System Test Coordinators. These reports are not produced in paper format.

A Sample Class Roster Report for Ninth Grade Literature and Composition appears on pages 26 and 27.

A Sample Class Roster Report for United States History appears on pages 28 and 29.

The class roster reports consist of two sections. The first section is the list of students and their test performance. To list every student in a class, there may be several pages. The last section of a class roster is the “summary” page.

The first section of the Class Roster Report provides:

- 1 Course:** Each Class Roster Report lists the name of the course being reported in the top middle of the report.
- 2 Class Demographic Information:** This includes the Class Name as reflected on the Group Information Sheet (paper-and-pencil) or the test session name (online), the school and system name, the state, and system/school code.
- 3 Student Demographic Information:** Student demographic information is printed in the left hand column of the report. The student’s name is followed by the student’s GTID number, birth date, grade, and test form number.
- 4 Scale Score:** The Class Roster Report indicates the scale score for each student on the roster. For example, on the Ninth Grade Literature and Composition roster, Brooke S. Berger received a scale score of 570. Kate T. Kramer received a scale score of 461 CA, which indicates a conditional administration. In United States History, Leslie M. Lavalley received a 491 scale score. Kenneth L. Kessler received an invalidation (IV) in lieu of a scale score.
- 5 Achievement Level:** The student’s achievement level for the test is reported following the scale score. There are four achievement levels for the EOC assessment—*Beginning Learner*, *Developing Learner*, *Proficient Learner*, and *Distinguished Learner*. On the Ninth Grade Literature and Composition roster, Brooke S. Berger’s achievement level is *Proficient Learner* while Kate T. Kramer’s is *Beginning Learner*. On the United States History roster, Leslie M. Lavalley’s achievement level is *Developing Learner* while Kenneth L. Kessler does not receive an achievement level designation because his scale score code is IV for Invalidation.
- 6 Grade Conversion Score:** Grade conversion scores range from 0 to 100. This score is for use in calculating the student’s course grade. In Ninth Grade Literature and Composition, Brooke S. Berger received a GCS of 88. Kate T. Kramer received a GCS of 64. In United States History, Leslie M. Lavalley received a 72 while Kenneth L. Kessler did not receive a GCS as he received an invalidation (IV).

- 7 Domain Scores:** Standards for each course have been grouped into domains, or clusters of standards with related content. Reporting information at the domain level helps identify relative strengths and weaknesses of the student with respect to course content. Domain level information is reported differently on ELA EOC assessments than it is on EOC assessments in mathematics, science, and social studies.

On the ELA EOC assessment class rosters, domain performance is reported for the Reading and Vocabulary Domain as a reading status—either *Below Grade Level (-)* or *Grade Level or Above (+)*. For the Writing and Language Domain, the number of points earned on the Extended Writing Task and Narrative Writing Response are shown. For example, Brooke S. Berger has a reading status of *Grade Level or Above*. She also scored 3 of 4 points on the Ideas trait (i.e., Idea Development, Organization and Coherence) and 2 out of 3 points on the Usage trait (i.e., Language Usage and Conventions) for the Extended Writing Task. In addition, she scored 1 out of 4 points on the Narrative Writing Response.

On the mathematics, science, and social studies rosters, the domain performance information is reported by domain mastery categories: *Remediate Learning*, *Monitor Learning*, or *Accelerate Learning*. For example, on the United States History Class Roster, Leslie M. Lavalée received *Remediate Learning* in Domains 1, 2, and 4, and *Monitor Learning* in Domains 3 and 5. Kenneth L. Kessler did not receive any domain performance information because his scale score code was IV, or Invalidation.

- 8 Norm-Referenced Score:** The national percentile rank (and NP range) is included for each student. In Ninth Grade Literature and Composition, Brooke S. Berger received a NP of 99 which is in the NP range of 93–99. Kate T. Kramer received a NP of 31 which is within the NP range of 18–48. In United States History, Leslie M. Lavalée received a NP of 35, corresponding to a NP range of 23–50. Kenneth L. Kessler received an invalidation (IV) on United States History so he did not receive a norm-referenced score.

- 9 Lexile Scores: (ELA only)** The individual student Lexile measure indicates the level of text that a student can read with 75% comprehension. Students in grades 1–12 typically score in a range from Beginning Reader (BR) to 1600L. Brooke S. Berger’s Lexile Measure on the Ninth Grade Literature and Composition test is 1445L.

The Class Roster Summary can be found on the last page of the Class Roster. The summary details are below:

- 10 Overall Content Area Performance:** The overall content area performance section of the report has four main sections. The section entitled “Students Included in Summaries” provides the number of students with scores, the mean scale score, and the standard deviation. In addition, a table shows the percentage of students scoring in each achievement level. The next section entitled “Students Not Included in Summaries” shows students with no scores and those who are excluded based on testing purposes. The last section “Norm-Referenced Scores” provides the median national percentile for the class along with the mean normal curve equivalent for the class.

- 11 Performance on the Domains:** Domain level information is reported differently for ELA EOC assessments than it is for EOC assessments in mathematics, science, and social studies. The Class Roster Summary for an ELA EOC assessment (page 27) displays Reading and Vocabulary, which includes the percentage of students by reading status (*Below Grade Level*, *Grade Level or Above*), the percentage of students at each score point on the extended writing task, the percentage of students at each score point on the narrative writing response, the number of students with each condition code for the extended writing task and narrative writing response, and the percentage of students by Lexile band. The United States History domain performance (page 29) includes the percentage of students in each domain mastery category.

Sample Class Roster Report (Ninth Grade Literature and Composition example)

(Please see pages 24 and 25 for descriptions of numbered areas.)



Class Roster End-of-Course Assessment Spring 2015

2 CLASS: ANYCLASS
SCHOOL: ANYSCHOOL
SYSTEM: ANYSYSTEM
STATE: GA
CODE: 123-4567

1 Ninth Grade Literature and Composition

Student Name GTID	Birth Date	Grade Form ¹	Scale Score ²	Achievement Level	Grade Conversion Score	Lexile	Reading & Vocabulary ³	Writing & Language (Points Earned) ⁷			Norm-Referenced Score	
								Extended Task Ideas	Usage	Narrative Response	NP ⁵	Range
BERGER, BROOKE S 0123456789	10/20/1999	9 AV	570	Proficient Learner	88	1445L	+	3 of 4	2 of 3	1 of 4	99	93-99
BITTERMAN, BRANDON M 0123456789	11/06/1999	9 AU	496	Developing Learner	73	1135L	+	1 of 4	2 of 3	3 of 4	16	07-31
BOGART, BETSEY M 0123456789	04/21/2000	9 BV	524	Developing Learner	79	1255L	+	3 of 4	3 of 3	2 of 4	85	70-93
COOK, CARLY L 0123456789	05/16/2000	9 AW	589	Distinguished Learner	92	1525L	+	3 of 4	2 of 3	3 of 4	88	75-95
DAVIES, DANIEL T 0123456789	02/13/2000	9 AV	623	Distinguished Learner	94	1670L	+	4 of 4	3 of 3	4 of 4	98	92-99
DELGADO, DAVID M 0123456789	02/14/2000	9 BU	500	Developing Learner	74	1150L	+	1 of 4	1 of 3	2 of 4	49	33-65
ESSON, EDWARD A 0123456789	11/16/1999	9 AU	636	Distinguished Learner	95	1720L	+	4 of 4	3 of 3	4 of 4	95	85-98
FARRAR, FINLEY R 0123456789	11/20/1999	9 BW	646	Distinguished Learner	95	1725L	+	3 of 4	3 of 3	4 of 4	97	88-99
FELDMAN, FRANK M 0123456789	08/12/2000	9 BU	523	Developing Learner	79	1250L	+	2 of 4	2 of 3	3 of 4	62	45-76
GANTNER, GABRIELA R 0123456789	11/19/1999	9 AW	510	Developing Learner	76	1195L	+	2 of 4	2 of 3	1 of 4	86	72-94
GORDON, GAVIN P 0123456789	01/07/2000	9 BV	552	Proficient Learner	85	1370L	+	2 of 4	2 of 3	3 of 4	89	76-96
HARWOOD, HEATHER M 0123456789	04/24/2000	9 AW	545	Proficient Learner	84	1340L	+	3 of 4	2 of 3	3 of 4	67	51-80
JONES, JESSICA G 0123456789	01/18/2000	9 BV	506	Developing Learner	75	1175L	+	3 of 4	3 of 3	3 of 4	45	30-62
KRAMER, KATE T 0123456789	08/14/2000	9 AV	461 CA	Beginning Learner	64	990L	-	2 of 4	2 of 3	E	31	18-48

1 Writing Prompt Genre
Argumentative:
Forms A1, A2, A3, AU, AV, AW, and Z1
Informational/Explanatory:
Forms B1, B2, B3, BU, BV, and BW

2 Scale Score Codes
PTNA = Present; Test Not Attempted
DNA = Did Not Attempt
IV = Invalidation
PIV = Participation Invalidation
CA = Conditional Administration

3 Reading Status
- Below Grade Level
+ Grade Level or Above

4 Condition Codes for Writing
A = Blank
B = Copied
C = Illegible/Too Limited to Score
D = Non-English/Foreign Language
E = Off-Topic/Offensive

5 NP = National Percentile
DNA = Did not Attempt
IV = Invalidation

Sample Class Roster Report (Ninth Grade Literature and Composition example)

(Please see pages 24 and 25 for descriptions of numbered areas.)

CLASS: ANYCLASS
 SCHOOL: ANYSCHOOL
 SYSTEM: ANYSYSTEM
 STATE: GA
 CODE: 123-4567

Class Roster Summary End-of-Course Assessment Spring 2015 Ninth Grade Literature and Composition



Provided for Instructional Purposes ONLY. NOT for Public Distribution; Avoid FERPA Violations.

Overall Content Area Performance 10

Students Included in Summaries

Number of Students 101
 Mean Scale Score 540
 Standard Deviation 34

Achievement Level	Percentage of Students
Level 1 - Beginning Learner	1
Level 2 - Developing Learner	35
Level 3 - Proficient Learner	56
Level 4 - Distinguished Learner	8

Students Not Included in Summaries

Students with No Scores
 Number of Students - Present, Test Not Attempted 0
 Number of Students - Did Not Attempt 0
 Number of Students - Invalidation 0
 Number of Students - Participation Invalidation 0

Students Excluded Based on Testing Purpose

Number of Students - Retest NA*
 Number of Students - Test Out 0
 Number of Students - Validation of Credit 0

Norm-Referenced Scores

Median National Percentile: 81
 Mean Normal Curve Equivalent: 67.8

*NA = Not Applicable
 Due to rounding, percentages may not total 100%.

Performance on the Domains 11

Reading and Vocabulary

Percentage of Students By Reading Status	
Below Grade Level	Grade Level or Above
4	96

Extended Writing Task

Percentage of Students with Each Score Point				
0	1	2	3	4
6	8	38	39	10
6	7	64	23	

Number of Students with Each Condition Code*				
A	B	C	D	E
0	0	3	0	3

Students with a '0' score were given a condition code.

Narrative Writing Response

Percentage of Students with Each Score Point				
0	1	2	3	4
18	6	23	28	26

Number of Students with Each Condition Code*				
A	B	C	D	E
3	1	0	0	14

Students with a '0' score were given a condition code.

*Condition Codes for Writing

A = Blank, B = Copied, C = Illegible/Too Limited to Score, D = Non-English/Foreign Language, E = Off Topic/Offensive

Lexile Bands

Percentage of Students By Lexile Band	
Below the Stretch Band (Below 1050L)	Above the Stretch Band (Above 1260L)
1	35
	64

Sample Class Roster Report (United States History example)

(Please see pages 24 and 25 for descriptions of numbered areas.)

2 CLASS: ANYCLASS
 SCHOOL: ANYSCHOOL
 SYSTEM: ANYSYSTEM
 STATE: GA
 CODE: 123-4567

Class Roster End-of-Course Assessment Spring 2015



1 United States History

Student Name GTID	Birth Date	Grade	Form	Scale Score ¹	Achievement Level	Grade Conversion Score	Domains ^{2,3}					Norm-Referenced Score NP ⁴	Range
							1	2	3	4	5		
KELLY, KRISTINA D 0123456789	03/21/1998	9	BT	373	Beginning Learner	41	○	○	○	○	○	5	02-17
KESSLER, KENNETH L 0123456789	02/01/1998	10	BT	IV								IV	IV
KRAMNICK, KAITLYN D 0123456789	11/24/1997	12	AT	468	Beginning Learner	65	○	○	○	○	○	24	14-37
KRONENFELD, KELLY E 0123456789	02/21/1997	10	BT	423	Beginning Learner	54	○	○	○	○	○	24	14-37
LAVALLEE, LESLIE M 0123456789	03/22/1998	10	AT	491	Developing Learner	72	○	○	●	○	○	35	23-50
LIPPIN, LEO M 0123456789	08/05/1998	11	AT	463	Beginning Learner	64	○	○	○	○	○	30	18-44
MARCILLO, MATTHEW J 0123456789	07/20/1998	11	BT	473	Beginning Learner	67	○	○	○	○	○	39	26-53
MCDONALD, MICHAEL D 0123456789	11/25/1997	11	BT	464	Beginning Learner	64	○	○	○	○	○	20	11-33
NESELE, NAOMI F 0123456789	10/15/1997	10	AT	453	Beginning Learner	62	○	○	○	○	○	42	29-57
PALMER, PETER E 0123456789	01/16/1998	11	BT	492	Developing Learner	72	○	○	○	○	○	29	18-42
RAY, ROBERT T 0123456789	07/02/1998	11	AT	510	Developing Learner	76	○	○	○	○	○	51	37-65
RUNNELS, REECE A 0123456789	09/07/1997	10	BT	404	Beginning Learner	49	○	○	○	○	○	1	01-12
SCHWARTZ, SAMUEL G 0123456789	03/14/1998	11	AT	529	Proficient Learner	81	○	○	○	○	○	46	32-60
SMITH, SIENNA C 0123456789	12/29/1997	11	BT	515	Developing Learner	77	○	○	○	○	○	51	37-65

1 Scale Score Codes
 PTNA = Present, Test Not Attempted
 DNA = Did Not Attempt
 IV = Invalidation
 PIV = Participation Invalidation
 CA = Conditional Administration

2 Domains
 1 = Colonization through the Constitution
 2 = New Republic through Reconstruction
 3 = Industrialization, Reform, & Imperialism
 4 = Establishment as a World Power
 5 = Post-World War II to the Present

3 Domain Mastery
 ○ Remediate Learning
 ● Monitor Learning
 ● Accelerate Learning

4 NP = National Percentile
 DNA = Did not Attempt
 IV = Invalidation

Sample Class Roster Report (United States History example)

(Please see pages 24 and 25 for descriptions of numbered areas.)

CLASS: ANYCLASS
 SCHOOL: ANYSCHOOL
 SYSTEM: ANYSYSTEM
 STATE: GA
 CODE: 123-4567

Class Roster Summary End-of-Course Assessment Spring 2015



United States History

Provided for Instructional Purposes ONLY. NOT for Public Distribution; Avoid FERPA Violations.

Overall Content Area Performance **10**

Students Included in Summaries

Number of Students: 68
 Mean Scale Score: 457
 Standard Deviation: 34

Achievement Level	Percentage of Students
Level 1 - Beginning Learner	79
Level 2 - Developing Learner	15
Level 3 - Proficient Learner	6
Level 4 - Distinguished Learner	0

Students Not Included in Summaries

Students with No Scores
 Number of Students - Present, Test Not Attempted: 0
 Number of Students - Did Not Attempt: 0
 Number of Students - Invalidation: 1
 Number of Students - Participation Invalidation: 0
Students Excluded Based on Testing Purpose
 Number of Students - Retest: NA*
 Number of Students - Test Out: 0
 Number of Students - Validation of Credit: 0

Norm-Referenced Scores

Median National Percentile: 21
 Mean Normal Curve Equivalent: 31.7

*NA = Not Applicable
 Due to rounding, percentages may not total 100%.

Performance on the Domains **11**

Domains	Percentage of Students By Domain Mastery Category		
	Remediate Learning	Monitor Learning	Accelerate Learning
Colonization through the Constitution	91	9	0
New Republic through Reconstruction	91	7	1
Industrialization, Reform, & Imperialism	81	19	0
Establishment as a World Power	90	10	0
Post-World War II to the Present	93	7	0

Content Area Summary Reports

Content Area Summary Reports are generated at the state, system, and school levels for each course. Each of these reports contains similar information but comparison data are presented at different levels of aggregation. The School Content Area Summary Report provides overall performance data and domain-level data for the school, system, RESA, and state. Similarly, the System Content Area Summary Report provides overall performance data and domain-level data for the system, RESA, and state. The State Content Area Summary Report simply provides these data at the overall state level.

A Sample School Content Area Summary Report for Ninth Grade Literature and Composition appears on pages 33 and 34.

A Sample System Content Area Summary Report for United States History appears on pages 35 and 36.

Page 1 of the Content Area Summary Reports are similar for all EOC assessments and provide:

1 Overall Performance

- Number of Students – In Ninth Grade Literature and Composition, 344 students at the school received scores. In United States History, the school system had 2,848 students with scores.
- Mean Scale Score – In Ninth Grade Literature and Composition, the mean scale score for the school is 495, which is lower than that of the system, RESA, and state. In United States History, the mean scale score for the system is 523, which is higher than both the RESA and state.
- Standard Deviation – In Ninth Grade Literature and Composition, the school has a standard deviation of 55. In United States History, the system’s standard deviation is 58.
- Percentage Proficient (Levels 3 & 4) – In Ninth Grade Literature and Composition, 28% of the students at the school achieved proficiency (Levels 3 & 4) as compared to 43%, 36%, and 34% at the system, RESA, and state levels, respectively. In United States History, the system had a greater percentage of students in Levels 3 and 4 (48%) than reported at the RESA (35%) and state levels (36%).

2 **Percentage of Students Proficient (Levels 3 & 4):** This is a graphical display of the percentages of students who demonstrate proficiency in the knowledge and skills necessary in this course.

3 **Percentage of Students by Achievement Level:** This is a graphical display of the percentages of students in each achievement level. In Ninth Grade Literature and Composition, the graph shows that the school had a larger percentage of students in both the *Beginning Learner* and *Developing Learner* categories than the system, RESA, or state. In United States History, the system had more students scoring in the *Proficient Learner* and *Distinguished Learner* categories than the RESA and state.

4 Norm-Referenced Performance

- Median National Percentile – The median national percentile is the score that divides the distribution of student scores in half. The median national percentile for the nation is 50, meaning that half of the students score above 50 and half of them score below 50. In Ninth Grade Literature and Composition, the median national percentile of 58 for the school is lower than that of the system, RESA, and state. In United States History, the median national percentile for the system is 56, which is higher than both the RESA and state.
- Mean Normal Curve Equivalent – The Normal Curve Equivalent (NCE) scale ranges from 1-99 and coincides with the percentile scale at 1, 50, and 99. These are based on an equal-interval scale, which allows for meaningful comparisons. The mean NCE is computed by adding the NCE scores of all students in a group and then dividing by the number of students in that group. In Ninth Grade Literature and Composition, the school received a mean NCE score of 52.5. In United States History, the system’s mean NCE score was 53.4.

5 Summary Data Exclusions: This table provides counts for the number of students that were excluded from summary data calculations at either the school, system, or state levels (no comparison data is provided).

Students were excluded from summary data for one of two reasons:

1) They received a PTNA, DNA, IV, or PIV designation in lieu of a scale score.

- Present, Test Not Attempted (PTNA) – One student in the school received a PTNA on the Ninth Grade Literature and Composition EOC assessment.
- Did Not Attempt (DNA) – No students had a DNA.
- Invalidation (IV) – Six students in the system received an IV on the United States History EOC assessment.
- Participation Invalidation (PIV) – No students received a PIV.

2) They indicated that their purpose for EOC testing was for retest, test out, or validation of credit. Although these students do receive a scale score, their scores are not included in calculations for summary reporting purposes.

- Purpose – Retest (not applicable for the 2014–2015 school year)
- Purpose – Test Out – No students indicated they took an EOC assessment for test out purposes.
- Purpose – Validation of Credit – No students indicated they took an EOC assessment for validation of credit.

Page 2 of the Content Area Summary Reports for ELA EOC assessments differ from those for mathematics, science, and social studies in the way the domain level information is reported.

Page 2 of an ELA EOC Content Area Summary Report

6 Performance by Reading Status – Displays the percentage of students who are *Below Grade Level* or at *Grade Level or Above* for the Reading and Vocabulary Domain. On the Ninth Grade Literature and Composition school report, 69% of students are reading at *Grade Level or Above* as compared to 80% at the system level and 73% at the RESA and state levels.

7 Lexile Distribution (ELA only) – This is a graphical display of the percentages of students scoring in each Lexile “Stretch Band.” The Ninth Grade Literature and Composition example shows the following:

- Above the Stretch Band – 27 percent of students in the school scored above 1260L.
- Within the Stretch Band – 42 percent of students in the school scored between 1050L and 1260L.
- Below the Stretch Band – 31 percent of students in the school scored below 1050L.

The graph shows that the school has a greater percentage of students scoring below the stretch band and a lower percentage of students scoring above the stretch band than the system, RESA, and state. Percentages of students scoring within the stretch band are similar for the school, system, RESA, and state.

8 Percentage of Students with Each Score Point (ELA only): ELA Content Area Summary Reports also include domain-level information for the Writing and Language domain. Tables show the percentages of students obtaining each score point for the Extended Writing Task (Traits 1 and 2) and the Narrative Writing Response. Trait 1 of the Extended Writing Task measures Idea Development, Organization, and Coherence and is worth 4 possible points. Trait 2 of the Extended Writing Task measures Language Usage and Conventions and is worth 3 possible points. The Narrative Writing Response is worth a maximum of 4 points.

The sample Ninth Grade Literature and Composition school report shows that 4% of students in the school obtained the highest possible score on Trait 1 while 10% achieved the highest possible score on Trait 2 of the Extended Writing Task. On the Narrative Writing Response, 9% of students in the school received the highest score of 4 points. These results show that a smaller percentage of students at the school are receiving the highest writing scores compared to the system, RESA, and state.

9 **Number of Students with a Writing Condition Code (ELA only):** Condition codes are assigned when a score cannot be assigned to the Extended Writing Task or the Narrative Writing Response. The tables in this section of the Content Area Summary Report show the number of students that received a '0' score on one of the writing tasks and the reason why. There are five writing condition codes to indicate the reason why a response was not able to be scored.

- A: Blank – no student response
- B: Copied – copied from a published source
- C: Illegible/Too Limited to Score – illegible or information provided was too limited to score
- D: Non-English/Foreign Language – response was written in a language other than English
- E: Off Topic/Offensive – the response is off topic or offensive language or pictures were used

For the Ninth Grade Literature and Composition sample report, 21% of the students in the school received a '0' score on the Extended Writing Task as indicated in Section 8 of the report. Section 9 of the report shows that this 21% represents a total of 73 students. Of these 73 students, 35 students received a writing condition code 'A' for Blank, indicating that they did not provide a response to the Extended Writing Task. Likewise, 30 students received a condition code of 'C' meaning that their response was illegible or information was too limited to score. The remaining 8 students received condition codes of B and E. Similar information is provided for students receiving a writing condition code for the Narrative Writing Response.

It is important to highlight that this section of the report reflects the *number* of students, rather than the *percentage* of students. Therefore, the numbers will always be higher at the system, RESA, and state levels than the school level. However, comparisons can be made regarding the frequency of these condition codes and their distribution across the various reasons.

Page 2 of a Content Area Summary Report for mathematics, science, and social studies

6 **Domain Performance** – Displays percentages of students in each mastery category for each domain. On the United States History report, the first domain is Colonization through the Constitution. For this domain, system-level results show that 54% of students scored in the *Remediate Learning* mastery category, 31% in the *Monitor Learning* category, and 15% in the *Accelerate Learning* category. System-level domain performance can be compared to other domains, as well as to performance at the RESA and state levels.

Sample School Content Area Summary Report (Ninth Grade Literature and Composition example)

(Please see pages 30–32 for descriptions of numbered areas.)



School Content Area Summary End-of-Course Assessment Winter 2014

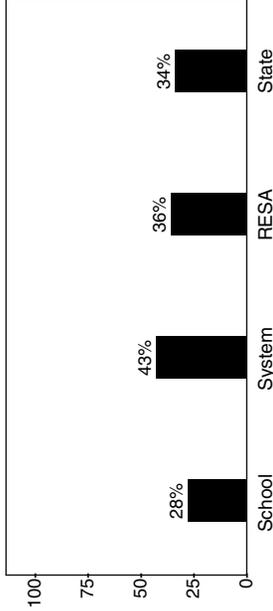
Ninth Grade Literature and Composition

SCHOOL: ANYSCHOOL
SYSTEM: ANYSYSTEM
RESA: ANYRESA
STATE: GA
CODE: 123-4567

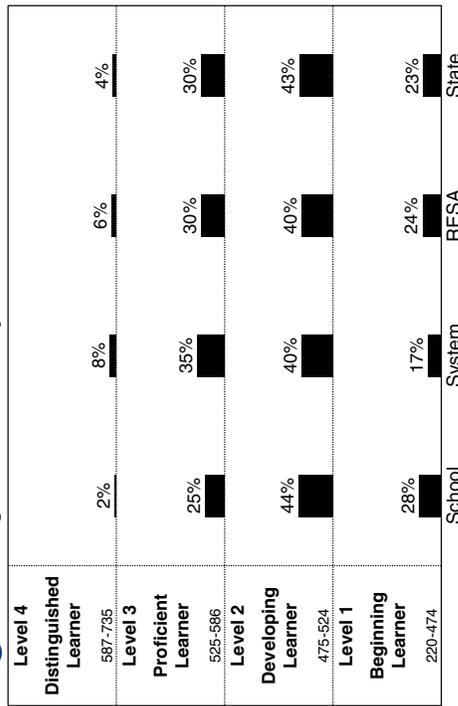
1 Overall Performance

Group	Number of Students	Mean Scale Score	Standard Deviation	Percentage Proficient (Levels 3 & 4)
School	344	495	55	28
System	3,485	517	51	43
RESA	6,612	507	51	36
State	19,817	507	47	34

2 Percentage of Students Proficient (Levels 3 & 4)



3 Percentage of Students by Achievement Level



4 Norm-Referenced Performance

	School	System	RESA	State
Median National Percentile	58	68	62	63
Mean Normal Curve Equivalent	52.5	59.3	55.7	56.3

5 Summary Data Exclusions for the School

Reason	Number of Students
Present, Test Not Attempted (PTNA)	1
Did Not Attempt (DNA)	0
Invalidation (IV)	0
Participation Invalidation (PIV)	0
Purpose - Retest	NA*
Purpose - Test Out	0
Purpose - Validation of Credit	0

*NA = Not Applicable

• Due to rounding, percentages may not total 100%.
• To provide meaningful results and to protect the individual students, summary data are printed only when the total number of student in a group is at least 10.

Copyright © 2015 Georgia Department of Education. All rights reserved.

Sample School Content Area Summary Report (Ninth Grade Literature and Composition example)

(Please see pages 30–32 for descriptions of numbered areas.)



School Content Area Summary End-of-Course Assessment Winter 2014

SCHOOL: ANYSCHOOL
SYSTEM: ANYSYSTEM
RESA: ANYRESA
STATE: GA
CODE: 123-4567

Ninth Grade Literature and Composition

6 Performance by Reading Status

	Number of Students	Reading and Vocabulary Percentage of Students			
		Below Grade Level	Grade Level or Above		
School	344	31	69		
System	3,485	20	80		
RESA	6,612	27	73		
State	19,817	27	73		

7 Lexile Distribution

	Lexile Distribution			
	Above the Stretch Band (Above 1260L)	Within the Stretch Band (1050L-1260L)	Below the Stretch Band (Below 1050L)	
School	27%	42%	31%	School
System	42%	39%	19%	System
RESA	35%	39%	26%	RESA
State	34%	41%	25%	State

8 Percentage of Students with Each Score Point

	Extended Writing Task Idea Development, Organization, and Coherence				
	0*	1	2	3	4
School	21	18	38	19	4
System	9	15	38	28	11
RESA	12	15	37	27	10
State	10	16	39	27	8

* Students with a '0' score were given a condition code.

	Extended Writing Task Language Usage and Conventions			
	0*	1	2	3
School	21	17	51	10
System	9	14	55	22
RESA	12	14	55	19
State	10	15	58	17

	Narrative Writing Response				
	0*	1	2	3	4
School	38	10	25	18	9
System	30	9	24	19	18
RESA	35	10	23	18	14
State	35	11	22	19	13

9 Number of Students with a Writing Condition Code

	Writing Condition Codes				
	A	B	C	D	E
Blank					
Copied					
Illegible/Too Limited to Score					
Non-English/Foreign Language					
Off Topic/Offensive					

	Extended Writing Task				
	A	B	C	D	E
School	35	2	30	0	6
System	128	14	137	0	26
RESA	348	31	323	0	63
State	668	108	1,103	0	189

	Narrative Writing Response				
	A	B	C	D	E
School	42	19	7	0	63
System	211	237	53	0	539
RESA	549	577	106	0	1,083
State	1,191	1,832	386	0	3,486

• Due to rounding, percentages may not total 100%.
• To provide meaningful results and to protect the individual students, summary data are printed only when the total number of student in a group is at least 10.

Sample System Content Area Summary Report (United States History example)

(Please see pages 30–32 for descriptions of numbered areas.)



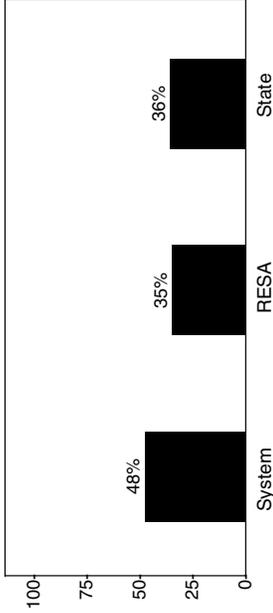
System Content Area Summary End-of-Course Assessment Winter 2014 United States History

SYSTEM: ANYSYSTEM
RESA: ANYRESA
STATE: GA
CODE: 123

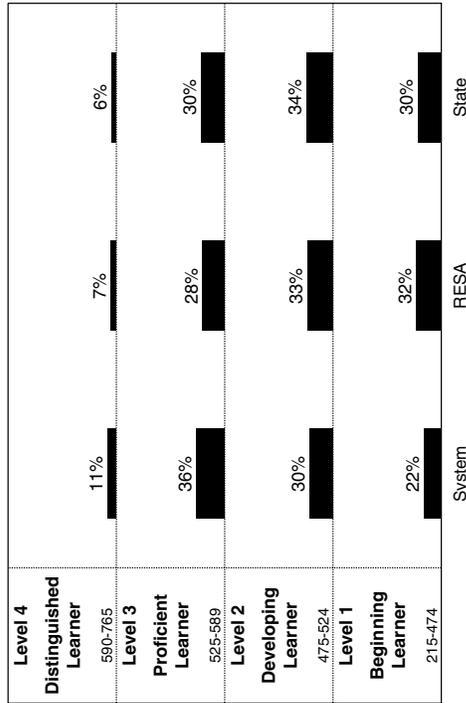
1 Overall Performance

Group	Number of Students	Mean Scale Score	Standard Deviation	Percentage Proficient (Levels 3 & 4)
System	2,848	523	58	48
RESA	6,150	505	56	35
State	18,268	508	54	36

2 Percentage of Students Proficient (Levels 3 & 4)



3 Percentage of Students by Achievement Level



4 Norm-Referenced Performance

	System	RESA	State
Median National Percentile	56	45	46
Mean Normal Curve Equivalent	53.4	47.7	48.3

5 Summary Data Exclusions for the System

Reason	Number of Students
Present, Test Not Attempted (PTNA)	0
Did Not Attempt (DNA)	0
Invalidation (IV)	6
Participation Invalidation (PIV)	0
Purpose - Retest	NA*
Purpose - Test Out	0
Purpose - Validation of Credit	0

*NA = Not Applicable

• Due to rounding, percentages may not total 100%.
• To provide meaningful results and to protect the individual students, summary data are printed only when the total number of student in a group is at least 10.

Sample System Content Area Summary Report (United States History example)

(Please see pages 30–32 for descriptions of numbered areas.)



System Content Area Summary End-of-Course Assessment Winter 2014 United States History

SYSTEM: ANYSYSTEM
RESA: ANYRESA
STATE: GA
CODE: 123

6 Domain Performance Percentage of Students in Each Mastery Category*

	Number of Students	Colonization through the Constitution			New Republic through Reconstruction			Industrialization, Reform, & Imperialism			Establishment as a World Power			Post-World War II to the Present		
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
System	2,848	54	31	15	44	34	22	45	39	15	42	39	19	50	25	25
RESA	6,150	64	25	11	57	29	14	57	33	10	55	33	12	61	22	17
State	18,268	62	27	12	56	30	15	55	35	9	54	34	12	58	25	18

*Domain Mastery:
1 = Remediate Learning
2 = Monitor Learning
3 = Accelerate Learning

• Due to rounding, percentages may not total 100%.
• To provide meaningful results and to protect the individual students, summary data are printed only when the total number of student in a group is at least 10.

Copyright © 2015 Georgia Department of Education. All rights reserved.

Page 2

Summary Reports of All Student Populations

Summary Reports of All Student Populations are generated at the school, system, and state levels. The reports are generated by course and present summary statistics for all students as well as particular groups of students.

A sample state summary report for United States History appears on pages 38 and 39. Population Summary Reports for other courses (including the two ELA courses) contain similar information.

The Summary of All Student Populations Report provides:

- 1 **Group:** The student group provides a break out for all students and various demographic groups such as regular program students (e.g., Section 504, English learners), special education students (disaggregated by specific disabilities), gender, ethnicity/race, and students provided with accommodations.
- 2 **Number of Students:** The summary report identifies the total number of students who received scores as well as a disaggregation by the number of students who received scores based on a conditional administration versus a standard administration. The sample report indicates that 15 students had conditional administrations and 18,253 had standard administrations for a total of 18,268 students statewide receiving scores on the United States History EOC assessment. As expected, most of these 18,268 students are regular program students (16,766) while 1,502 are special education students.
- 3 **Mean Scale Score:** This statistic indicates the arithmetic average scale score for each group of students in the state who received scores. The sample report indicates that the mean scale score for all students is 508. When looking at gender, males had a higher mean scale score than females (513 vs. 503).
- 4 **Percentage of Students Scoring in Each Achievement Level:** There are four achievement levels for the EOC assessment—*Beginning Learner*, *Developing Learner*, *Proficient Learner*, and *Distinguished Learner*. In United States History, 30% are *Beginning Learners*, 34% are *Developing Learners*, 30% are *Proficient Learners*, and 6% are *Distinguished Learners* in the All Students category.
- 5 **Purpose of Testing:** There are a number of reasons why a student may be taking the EOC assessment. The most common reason is because a student is completing a course and the EOC assessment is required as the final exam for the course. If students have indicated their purpose for taking the EOC assessment, then the summary report provides a count of the number of students classified in each of the five categories.
 - Completion of Course – 6,744 students indicated that they took the United States History EOC assessment to complete the course. These students are included in summary information.
 - Make-up from Previous Administration – 6 students took United States History as a make-up from a previous administration. These students are included in summary information.
 - Retest – No students took this United States History EOC assessment as a retest. Retest opportunities were not available during the 2014–2015 school year.
 - Test Out – No students indicated that they were taking the United States History EOC assessment as a test out opportunity. These students are excluded from summary information.
 - Validation of Credit – 10 students indicated that they took the United States History EOC assessment in order to obtain credit for a course taken elsewhere. These students are excluded from summary information.
- 6 **Students with No Scores:** These are students who receive a code instead of a scale score and are excluded from the summary data. The summary report provides the number of students that did not receive scores for one of the following reasons:
 - Present, Test Not Attempted (PTNA) – 1 student received a PTNA in United States History.
 - Did Not Attempt (DNA) – 4 students received a DNA in United States History.
 - Invalidation (IV) – 17 students received an IV in United States History.
 - Participation Invalidation (PIV) – No students received a PIV in United States History.

Sample State Summary Report (United States History example)

(Please see page 37 for descriptions of numbered areas.)

STATE: GA

State Summary of All Student Populations End-of-Course Assessment Winter 2014



United States History

1 Group	2 Number of Students			3 Mean Scale Score	4 Percentage of Students Scoring in Each Achievement Level			
	All Administrations	Conditional Administrations	Standard Administrations		Beginning Learner (215-474)	Developing Learner (475-524)	Proficient Learner (525-589)	Distinguished Learner (590-765)
All Students	18,268	15	18,253	508	30	34	30	6
All Regular Program Students	16,766	4	16,762	511	27	35	31	7
Section 504	256	0	256	501	33	32	32	4
English Learner	248	6	242	467	59	32	9	0
English Learner - Monitored	183	0	183	485	44	41	14	2
Migrant	27	0	27	512	26	41	22	11
All Other Regular Program Students	16,108	0	16,108	512	26	35	32	7
All Special Education Students	1,502	11	1,491	470	62	25	12	2
Visual Impairment or Blind (01)	5	0	5	—	—	—	—	—
Deaf or Hard of Hearing (02)	18	0	18	447	83	6	11	0
Deaf and Blind (03)	0	0	0	—	—	—	—	—
Specific Learning Disabilities (04)	777	6	771	467	63	26	10	1
Mild Intellectual Disabilities (05)	98	3	95	435	92	4	4	0
Traumatic Brain Injury (06)	5	0	5	—	—	—	—	—
M/S/P Intellectual Disabilities (07)	2	0	2	—	—	—	—	—
Autism (08)	72	0	72	510	33	26	35	6
Orthopedic Impairments (09)	1	0	1	—	—	—	—	—
Speech-Language Impairments (10)	19	0	19	480	53	26	21	0
Emotional and Behavioral Disabilities (11)	162	1	161	470	59	26	12	2
Other Health Impairments (12)	345	1	344	476	57	27	14	2
Gender	18,261	15	18,246	508	30	34	30	6
Female	9,179	6	9,173	503	32	36	27	5
Male	9,082	9	9,073	513	27	33	32	8

- Summary data are based on All (Conditional and Standard) administrations.
- Summary data exclude the following students: PTNA (Present, Test Not Attempted), DNA (Did Not Attempt), or those who had an IV (Invalidation) or PIV (Participation Invalidation).
- Summary data also exclude students who indicated Retest, Test-Out, or Validation of Credit for the Purpose of Taking the EOC.
- Due to rounding, achievement level percentages may not total 100%.
- To provide meaningful results and to protect the privacy of individual students, summary data are printed only when the total number of students in a group is at least 10.
- Student grouping information is based on data supplied by the school systems.

Sample State Summary Report (United States History example)

(Please see page 37 for descriptions of numbered areas.)



State Summary of All Student Populations End-of-Course Assessment Winter 2014

United States History

STATE: GA

1 Group	2 Number of Students			3 Mean Scale Score	4 Percentage of Students Scoring in Each Achievement Level			
	All Administrations	Conditional Administrations	Standard Administrations		Beginning Learner (215-474)	Developing Learner (475-524)	Proficient Learner (525-589)	Distinguished Learner (590-765)
Ethnic Group	17,534	14	17,520	509	29	35	30	6
Asian/Pacific Islander	440	0	440	522	22	33	34	11
Black, Non-Hispanic	6,683	7	6,676	490	41	36	20	3
Hispanic	1,792	5	1,787	506	31	35	30	5
American Indian/Alaskan Native	36	0	36	510	28	28	42	3
White, Non-Hispanic	8,149	2	8,147	524	18	34	38	10
Multiracial	434	0	434	514	22	39	32	6
All Accommodated	1,632	15	1,617	471	59	28	12	1
Section 504	148	0	148	495	39	28	29	4
English Learner	173	6	167	465	61	31	9	0
English Learner - Monitored	86	0	86	482	44	48	7	1
Special Education	1,171	11	1,160	467	63	25	10	1

5

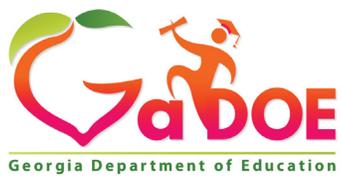
Purpose of Testing	Number of Students
Completion of Course	6,744
Make-up From Previous Administration	6
Retest	NA*
Test-Out	0
Validation of Credit	10

6

Students with No Scores	Number of Students
Present, Test Not Attempted (PTNA)	1
Did Not Attempt (DNA)	4
Invalidation (IV)	17
Participation Invalidation (PIV)	0

*NA = Not Applicable

- Summary data are based on All (Conditional and Standard) administrations.
- Summary data exclude the following students: PTNA (Present, Test Not Attempted), DNA (Did Not Attempt), or those who had an IV (Invalidation) or PIV (Participation Invalidation).
- Summary data also exclude students who indicated Retest, Test-Out, or Validation of Credit for the Purpose of Taking the EOC.
- Due to rounding, achievement level percentages may not total 100%.
- To provide meaningful results and to protect the privacy of individual students, summary data are printed only when the total number of students in a group is at least 10.
- Student grouping information is based on data supplied by the school systems.



Georgia Department of Education
2015
All Rights Reserved