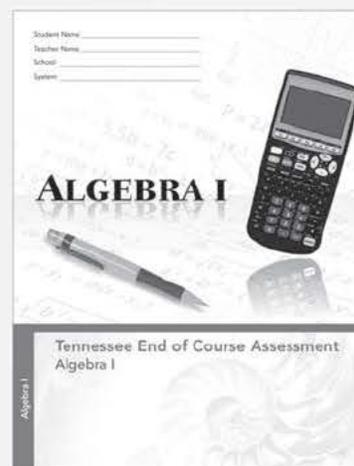
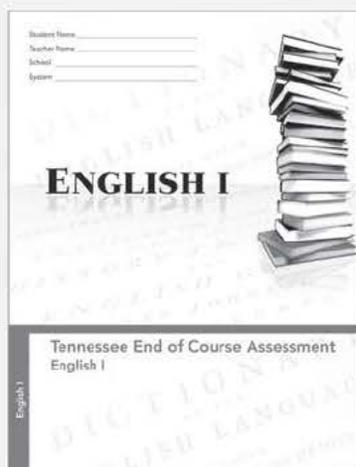
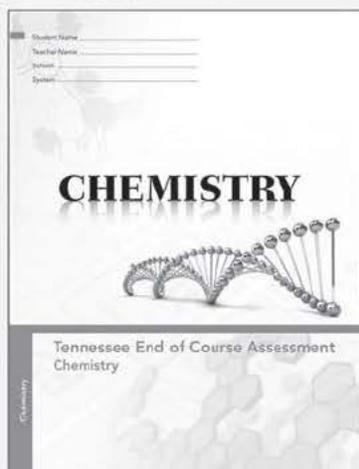
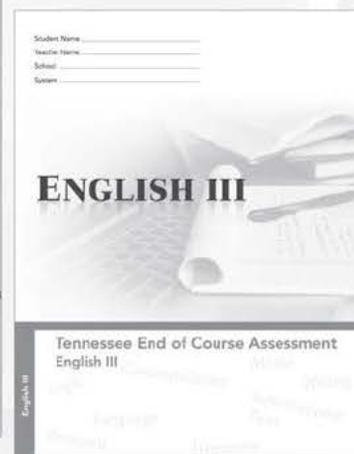
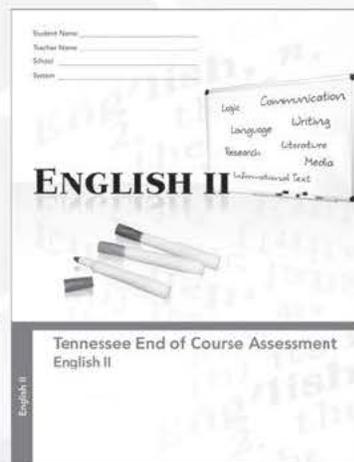
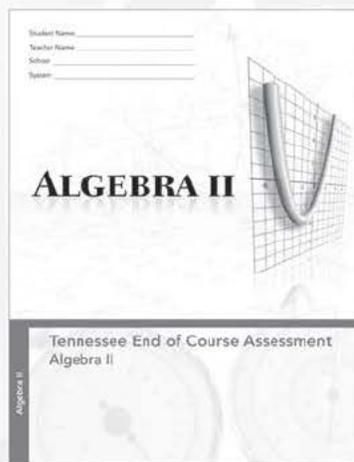
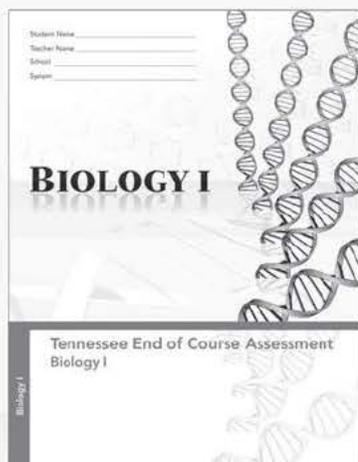


Guide to Test Report Interpretation



2014–2015 Tennessee End of Course Assessments



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Introduction

The *Guide to Test Report Interpretation* was developed by the Tennessee Department of Education to assist educators in understanding End of Course (EOC) assessment results. The results presented in the EOC reports are an important source of test information and can be helpful in making important decisions regarding instructional needs for classes and individual students. The test scores reported are based on a sample of all possible test questions and are only one measure of a student's performance. It is important to consider multiple sources of student achievement when making decisions about students' instructional placement.

The Tennessee Comprehensive Assessment Program (TCAP) includes EOC assessments for students enrolled in Algebra I, Algebra II, Biology I, Chemistry I, English I, English II, and English III. The EOC assessments are administered to students upon their completion of the aforementioned courses. The EOC assessments also include an English Linguistically Simplified Assessment (ELSA) for Algebra I and English II. The ELSA is given to students who are eligible to receive English as a Second Language (ESL) services, including T1/T2 students. The language for ELSA test items was simplified to help measure the intended knowledge or skill; however, the knowledge or skill being assessed was not simplified.

TN has approved new standards for Social Studies curriculum, including U.S. History. The TCAP End of Course US History will be field tested in spring 2015. Operational testing will begin in the 2015-16 school year.

The EOC assessments are criterion-referenced, multiple-choice tests that measure Performance Indicators defined in the Tennessee state standards. For additional information on the state standards, access the Tennessee Department of Education site at <http://www.tn.gov/education/topic/academic-standards>.

Each test item is aligned to a Performance Indicator. The Performance Indicators are grouped into Reporting Categories for the reports described in this guide.

Student mastery of the total test and each Reporting Category is reported as the Achievement Level. Achievement Levels (Advanced, Proficient, Basic, Below Basic) were established through intensive standard-setting procedures, which included Tennessee educators and were approved by the State Board of Education.

An overview of the TCAP EOC assessments and additional resources, as well as additional information about results, can be found at <http://tennessee.gov/education/topic/high-school-end-of-course>.

Understanding Quick Scores

Teachers have already seen their student's TCAP quick score included on their student's end-of-year report card. Quick scores convert a student's raw score on TCAP (the number of questions they answered correctly) into a measure on the 100-point grading scale. This is the typical grading scale used by teachers. Quick scores are only intended to be factored into a student's end of year grade, as required by law. They are not intended to be the primary window into a student's performance.

Each district can determine how quick scores should be incorporated into end-of-year-grades. Because quick scores may appear differently on report cards across the state, please reach out to your district to understand how the quick score was incorporated into student report cards.

It's important to note that quick scores are no longer tied to TCAP performance levels (i.e., below basic, basic, proficient, advanced), meaning that a quick score of 85 is not equivalent to the cut score for proficient.

For more information concerning quick scores, please visit: http://www.tn.gov/education/data/quick_scores.shtml.

A variety of TCAP EOC reports are available to educators via PearsonAccess. PearsonAccess is a secure website that requires a login and password. The chart below lists the report name, the distribution (e.g., student/parent, school, system), and the delivery format (e.g., print, PDF, CD). The TCAP EOC reports are posted on PearsonAccess at <http://pearsonaccess.com>.

Report	Distribution	Print	PDF/Print on Demand	CD
Individual Profile Report (IPR)	Student/Parent	•	•	•
Student Label	School	•	•	•
Class Report	School		•	•
Achievement Level Summary Report	School System		•	•
Reporting Category Performance Report	School System		•	•
Disaggregation Summary Report	School System		•	•
Quick Score Report*	School		•	•

*EOC Quick Score Reports are posted on RANDA/EdTools at <https://tdoe.randasolutions.com>.

General Report Features

- A** Displays the name of the report.
- B** Specifies the assessment (End of Course) and administration (fall, spring, or summer).
- C** Indicates the teacher, system, and/or school.
- D** Identifies content area.
- E** Indicates test form.
- F** Provides a purpose identifying the reason for the report.
- G** Presents a graphical representation of Achievement Levels for Algebra I, Algebra II, Biology I, Chemistry I, English I, English II, and English III:

A Sample Report
Tennessee End of Course Assessment

B Teacher: LASTNAME FIRSTNAME
System: SYSTEM NAME
School: SCHOOL NAME

C Class Period: 9

D Algebra I

E Test Form

F Purpose: This report provides the teacher with a comprehensive analysis of student performance on the Tennessee Algebra I End of Course Assessment. This report shows how students performed on each reporting category.

G Reporting Category Performance Index (RCPI) is the estimated number of items the student would be expected to answer correctly had there been 100 items for that Reporting Category.

Achievement Level (AL) Indicators	Number Correct Score Ranges	Scale Score Ranges
★ = Advanced	90-95	900-950
● = Proficient	80-89	800-890
● = Basic	70-79	700-790
△ = Below Basic	60-69	600-690

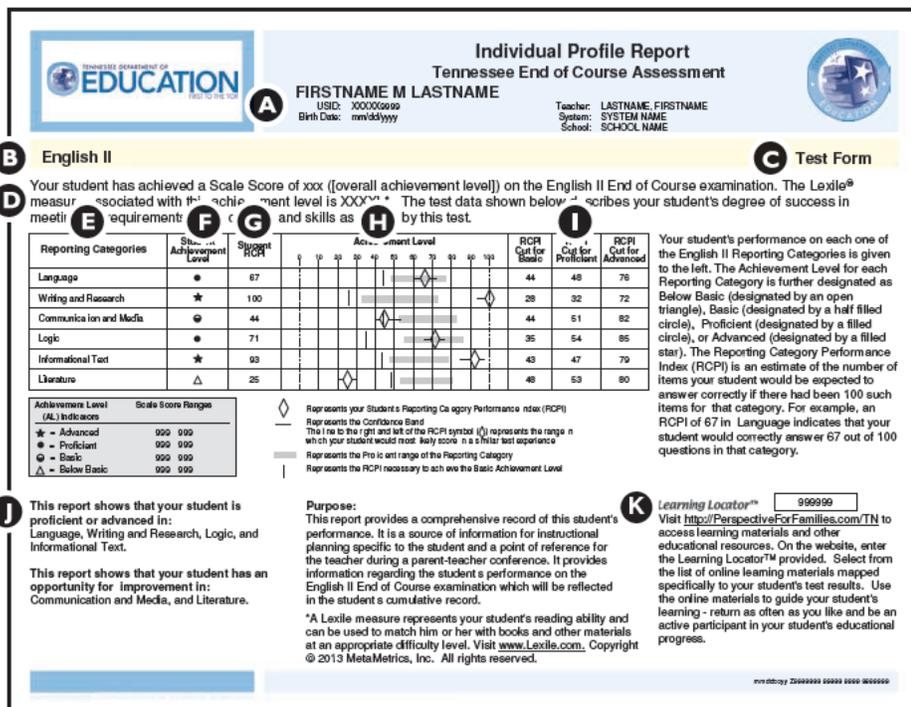
Total Number of Students Listed: 999

- ★ Advanced—Students who perform at this level demonstrate **superior** mastery in academic performance, thinking abilities, and application of understandings that reflect the knowledge and skill specified by the grade/course level content standards and are significantly prepared for the next level of study.
- Proficient—Students who perform at this level demonstrate **mastery** in academic performance, thinking abilities, and application of understandings that reflect the knowledge and skill specified by the grade/course level content standards and are prepared for the next level of study.
- Basic—Students who perform at this level demonstrate **partial** mastery in academic performance, thinking abilities, and application of understandings that reflect the knowledge and skill specified by the grade/course level content standards and are minimally prepared for the next level of study.
- △ Below Basic—Students who perform at this level **have not** demonstrated mastery in academic performance, thinking abilities, and application of understandings that reflect the knowledge and skill specified by the grade/course level content standards and are not prepared for the next level of study.

Individual Profile Report (IPR)

The Individual Profile Report (IPR) is intended primarily for parents and students. The IPR provides information regarding a student's performance on the total test and in each Reporting Category. Reporting Category Performance Index (RCPI) results can be used to help identify areas of student strengths and opportunities for improvement in each Reporting Category. This report provides important information that can be used for instructional planning specific to the student and a point of reference for the teacher during a parent-teacher conference. Additional information from a student's classroom performance is also essential in sound instructional planning.

- A** States the student's name and identifying information.
- B** Identifies content area.
- C** Identifies test form and indicates if ELSA was taken for Algebra I or English II.
- D** Offers a brief description of how the student scored on the test.
- E** Lists the Reporting Categories, which serve as indicators of the student's performance in different content skill areas. Performance on each Reporting Category identifies areas of strength and opportunities for improvement.



- F** Gives a graphic representation of how the student performed in each Reporting Category. Achievement Level indicators are labeled Advanced, Proficient, Basic, and Below Basic.
- G** Shows the student's score for each Reporting Category based on the Reporting Category Performance Index (RCPI). The RCPI is an estimate of the number of items the student would be expected to answer correctly if there had been 100 such items for that category.
- H** Displays a bar graph representing how the student performed in each Reporting Category based on the RCPI. The graph details the student's score relative to achieving proficiency.

The Diamond (◇) symbolizes the student's Reporting Category Performance Index (RCPI).

The Bar (■) indicates the proficient range of the reporting category.

The line to the right and left of the student RCPI symbol (—) represents the range where the student would most likely score in a similar test experience.

The Hash Mark (|) represents the RCPI necessary to achieve the Basic Achievement Level.

- I** Shows the RCPI needed for each Reporting Category to reach the Advanced, Proficient, or Basic Level. (Note: The RCPI cuts represented in the sample IPR are for illustration purposes only.)
- J** Indicates the student's strengths and opportunities for improvement.
- K** Identifies the Learning Locator.

Student Label

- A** States the student's name and identifying information.
- B** Specifies the test date.
- C** Indicates the system, school, and teacher.
- D** Identifies the content area, student's grade level, and test form.
- E** Displays the number correct (raw score), scale score, and Achievement Level.
- F** Provides met/not met status pertinent to the Gateway diploma requirement (Algebra I, Biology I, and English II only).

 <p>TENNESSEE DEPARTMENT OF EDUCATION FIRST TO THE TOP</p>	A LASTNAME, FIRSTNAME M.	
99999 SYSTEM NAME	USID: XXXXX9999	Test Date: B
9999 SCHOOL NAME	System: SYSTEM NAME - 99999	
MMDDCCYY-Z9999999-99999-9999-9999999	C School: SCHOOL NAME - 9999	
	Teacher: LASTNAME, FIRSTNAME	
	D Algebra I	Grade: 99 Form:
	E Number Correct: 99	Scale Score: 999 Level: Proficient F

Class Report

The Class Report provides the teacher with a comprehensive analysis of student performance on the TCAP EOC assessment. In addition, the report shows each student's Achievement Level and RCPI in each Reporting Category of a content area.

- A** Indicates the teacher name, class period, school name, and system name.
- B** Identifies content area.
- C** Identifies test form.
- D** Outlines the ranges for the number correct and scale score for each Achievement Level for all content areas.
- E** Lists the Average RCPI for each Reporting Category for the teacher, school, system, and state.
- F** Lists the RCPI cuts required to reach the Advanced, Proficient, and Basic levels.
- G** Displays the number correct for each student.
- H** Shows the scale score for each student for all content areas.
- I** Provides the Overall Achievement Level for each student.
- J** Gives the Achievement Level symbol and RCPI for each Reporting Category for each student.



Class Report

Tennessee End of Course Assessment



A Teacher: LASTNAME, FIRSTNAME
 System: SYSTEM NAME
 School: SCHOOL NAME

Class Period: 9

B Algebra I
C Test Form

Purpose: This report provides the teacher with a comprehensive analysis of student performance on the Tennessee Algebra I End of Course Assessment. This report shows how students performed on each reporting category.

Reporting Category Performance Index (RCPI) is the estimated number of items the student would be expected to answer correctly had there been 100 similar items for that Reporting Category.

Achievement Level (AL) Indicators	Number Correct Score Ranges	Scale Score Ranges
★ = Advanced	99 - 99	999 - 999
● = Proficient	99 - 99	999 - 999
● = Basic	99 - 99	999 - 999
△ = Below Basic	99 - 99	999 - 999

Total Number of Students Listed: 999

Student Name	USID	Grade	Learning Locator™	Number Correct	Scale Score	Overall Achievement Level	Achievement Level & RCPI									
							AL	RCPI	AL	RCPI	AL	RCPI	AL	RCPI	AL	RCPI
LASTNAME, FIRSTNAME M.	9999	12	N/A	ABS	ABS	ABSENT	Student was absent.									
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	PROF	●	99	★	99	△	99	△	99	△	99
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	ADV	★	99	●	99	★	99	★	99	★	99
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	BASIC	★	99	★	99	★	99	★	99	★	99
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	ADV	★	99	★	99	★	99	●	99	●	99
LASTNAME, FIRSTNAME M.	9999	12	N/A	DNA	DNA	DNA	Student did not attempt any items for this content area.									
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	B-BASIC	★	99	★	99	△	99	△	99	△	99
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	PROF	★	99	★	99	△	99	△	99	△	99
LASTNAME, FIRSTNAME M.	9999	12	N/A	ME	ME	EXEMPT	Student was granted a medical exemption for this content area.									
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	ADV	★	99	★	99	★	99	★	99	★	99
LASTNAME, FIRSTNAME M.	9999	12	N/A	ME	ME	EXEMPT	Student was granted a medical exemption for this content area.									
LASTNAME, FIRSTNAME M.	9999	12	9999999	99	999	B-BASIC	★	99	★	99	★	99	●	99	●	99
LASTNAME, FIRSTNAME M.	9999	12	N/A	NULL	NUL	NULLIFIED	Student's score was nullified.									

RCPI - Reporting Category Performance Index is the estimated number of items correct out of 100 had there been 100 items for that Reporting Category.

Students taking ELSA and Large Print tests are included in score calculations. Students classified as Absent, Nullified, Medically Exempt, or Did Not Attempt are not included in score calculations. Teacher means the test proctor.

Learning Locator™ - Visit <http://PerspectiveForFamilies.com/TN> to access learning materials and other educational resources. On the website, enter the Learning Locator™ provided. Select from the list of online learning materials mapped specifically to your student's test results. Use the online materials to guide your student's learning - return as often as you like and be an active participant in your student's educational progress.

Page 2
nm05ccyy Z9999999 99999 9999 99999999

School Reporting Category Performance Report

The School Reporting Category Performance Report provides administrators with a comprehensive analysis of student proficiency in each Reporting Category and the average performance by Reporting Category on the TCAP EOC assessment. The results may be used to analyze curriculum strengths and opportunities for improvement. This report is also available at the system level.

- A** Shows the system name and school name.
- B** Identifies test form.
- C** Features the Achievement Level Indicators.
- D** Indicates the total number of test items each student answered correctly.
- E** Displays percent of students who were Advanced or Proficient (PP)*, Average Achievement Level (AL), and Average RCPI in each Reporting Category for each class.
- F** Includes the total number of students tested at the state, system, and school levels.
- G** Shows the total percent of students in each class who were Proficient and above.

*In some instances, the combined total of the percent of Advanced students and Proficient students may differ slightly from the Total Percent Proficient (PP). This discrepancy sometimes results when rounding rules are applied to the calculations used to attain the percentages.



TENNESSEE DEPARTMENT OF EDUCATION
FIRST TO THE TOP

School Reporting Category Performance Report

Tennessee End of Course Assessment



A

System: SYSTEM NAME
School: SCHOOL NAME

B

English II
Test Form

C

Purpose: This report provides administrators an analysis of proficiency in each Reporting Category and the average performance by Reporting Category. The information may be used to inform instruction.

Achievement Level (AL) Indicators

- ★ = Advanced
- = Proficient
- = Basic
- △ = Below Basic

	Reporting Categories																					
	ENGLISH II			Language			Writing and Research			Communication and Media			Logic			Informational Text			Literature			
	TOTAL TESTED	TOTAL CORE	AVG	Percent of Proficient Students, Achievement Level, and Average RCPI By Reporting Category																		
	PP	AL	RCPI	PP	AL	RCPI	PP	AL	RCPI	PP	AL	RCPI	PP	AL	RCPI	PP	AL	RCPI	PP	AL	RCPI	
STATE	99,999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
Teacher Name - Class Period	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 3	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 2	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 3	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 2	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 3	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 2	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 2	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 3	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 0	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 2	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 3	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
LASTNAME, FIRSTNAME - 2	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999

Reporting Category Performance Index (RCPI) is the estimated number of items correct out of 100 had there been 100 items for that Reporting Category.

Percent of Proficient Students (PP): Results include all students achieving an Achievement Level of Proficient and above for the respective Content Area and Reporting Categories. Students taking ELSA, Braille, and Large Print tests are included in score calculations. Students classified as Absent, Nullified, Medically Exempt, Did Not Attempt, or EL Excluded are not included in score calculations. Subject PP, AL, and AVG are based on total test raw score.

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mmd009y Z999999 99999 9999 9999999

School Disaggregation Summary Report

The School Disaggregation Summary Report displays the number and percent proficient by Reporting Category in a content area for the selected subgroups. This report is also available at the system level.

- A** Identifies the system name and school name.
- B** Identifies test form.
- C** Displays the subgroups that are included in this report.
- D** Shows the number of students testing in each subgroup.
- E** Gives the number and percent of students for the subgroups listed who achieved proficiency.
- F** Provides the number and percent proficient in each Reporting Category in a subject area.*
- G** Lists median, low, and high scale score for each subgroup.

*In some instances, the combined total of the percent of Advanced students and Proficient students may differ slightly from the Total Percent Proficient (PP). This discrepancy sometimes results when rounding rules are applied to the calculations used to attain the percentages.



School Disaggregation Summary

Tennessee End of Course Assessment



A
 System: SYSTEM NAME
 School: SCHOOL NAME

B

English II

D

E

F

G

Test Form

C Purpose: This report describes group achievement for selected reporting populations.

Student Population/ Subgroup	Number of Students Tested ¹	Number and Percent Proficient by Reporting Category												Scale Score Range For Content Area Low: 999 High: 999					
		Number and Percent of Students Achieving Proficiency ²		Language		Writing and Research		Communication and Media		Logic		Informational Text					Literature		
		#	%	#	%	#	%	#	%	#	%	#	%	#	%	M	L	H	
Total Tested	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
504 Service Plan																			
With Accommodations	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
Without Accommodations	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
TOTAL 504 Service Plan	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
Special Education																			
With Accommodations	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
Without Accommodations	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
TOTAL Special Education	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
Modified Format																			
Braille	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
Large Print	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
ELSA	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
ESL Services																			
EL With Accommodations	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
EL Without Accommodations	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
TOTAL EL	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
T1	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
T2	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999
TOTAL T1 & T2	999,999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999	999,999	999

continued on next page

¹ Results include all students with valid scores on the Tennessee End of Course Assessment for the Content Area, including Braille, Large Print, and ELSA.

² Results include all students achieving an overall Achievement Level of Proficient and above for the Content Area.

*** - No data are reported when fewer than 10 students. Students classified as Absent, Nullified, Medically Exempt, Did Not Attempt, or EL Excluded are not included in score calculations.

% - Percent of Advanced and Proficient Students in each Reporting Category.

M = Median Scale Score

L = Lowest Obtained Scale Score

H = Highest Obtained Scale Score

Page 1 of 2

mddcczy 2999999 99999 9999 9999999

Quick Score Report

The Quick Score Report provides preliminary data from the TCAP EOC assessment. EOC Quick Score Reports are posted on RANDA/EdTools at <https://tdoe.randasolutions.com>.

- A** Indicates when the Quick Score Report was generated.
- B** Displays the name of the report and specifies the content area being reported.
- C** Indicates the administration, teacher, system, school, and class period.
- D** Gives each student's name, grade, and USID.
- E** Identifies the test form.
- F** Displays the numeric score.
- G** Designates Achievement Level/Performance Level.
- H** Indicates, if applicable, Nullified, Absent, Medically Exempt, or ELL Excluded.



B Tennessee EOC - Chemistry I
Quick Score Report



A Report Date:

<p>C Test Date: _____ Teacher of Rcd: _____ Purpose: This report provides preliminary data from the Tennessee EOC test.</p> <p>Class Period: _____</p> <p>System: _____</p> <p>School: _____</p>						
Student	Form	Grade	Student Unique ID	Score	Performance Level	Notations
	E			F	G	H

Glossary

Achievement Level—A set of standards used to interpret student performance on state assessments (Advanced, Proficient, Basic, Below Basic).

Achievement Level on each Reporting Category—The level of achievement determined on the basis of the Reporting Category Performance Index for a Reporting Category.

Criterion-referenced interpretation—A test that is intended for comparing each test taker's score with one or more fixed standards of performance. What matters is whether the test taker's score meets the specified standard, regardless of how well or how poorly other test takers perform.

ELSA—English Linguistically Simplified Assessment.

EOC—End of Course.

Overall Achievement Level—The level of achievement determined on the basis of the total test scale score.

Performance Indicator—The specific task or objective that indicates understanding of a content standard. EOC test items are developed to align with Performance Indicators.

Number correct score—Also referred to as the raw score. The sum of the correct answers earned by a test taker.

Reporting Category—A subset of items that are associated with a clearly defined skill domain. Also referred to as a content objective, benchmark, or strand in other contexts.

RCPI—Reporting Category Performance Index. An estimate of the number of items a student would be expected to answer correctly if there had been 100 similar items for that Reporting Category.

RCPI confidence band—The range of scores a student would attain in a similar test experience.

Scale score—A score that maintains the same meaning in each test administration. A scale score is statistically converted from a raw score and is widely used in determining whether a student's performance has met an achievement standard.

Standard setting—The methodology used to define levels of achievement.

T1/T2—Transitional 1 and Transitional 2 students.

TCAP—Tennessee Comprehensive Assessment Program.

Learning Locator—The mechanism that connects student performance on an assessment to learning materials specifically chosen to help students succeed.



Guide to Test Report Interpretation

2014–2015 Tennessee End of Course Assessments