

Guide to Test Interpretation 2022-23 TCAP Assessments



Tennessee Department of Education | 2022–23





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Introduction

Tennessee is committed to providing the most accurate, timely, and useful assessment information possible. All Tennesseans, students, family members, and educators play an essential role in providing an excellent and equitable educational experience to every student. The Tennessee Comprehensive Assessment Program (TCAP) is intended to inform a wide variety of conversations about how well we are meeting this challenge now and in the future. This guide is intended to assist in the use and interpretation of TCAP reports and to point Tennesseans to additional tools and resources.

A variety of the Tennessee Comprehensive Assessment Program reports are available to educators via Pearson Access Next at https://tn.pearsonaccessnext.com/customer/reporting/published/list.action. Please refer to the "Accessing Reports—Quick Reference Guide" on Pearson Access Next for step-by-step instructions on accessing reports.

Report	Description	Distribution	Printed Report	Electronic Data File	Family Portal	Educator Portal
Individual Student Report (ISR)	Describes the performance of a student on all TCAP assessments taken during the same administration window.	Student/ Family	+	+	+	+
Student Label	Indicates student's name and TCAP score on assessments taken during the administration window.	School	+			
Class Roster	Provides score information for students grouped by local class and school.	School		+		+
Teacher Roster	Provides score information for students for a particular teacher.	School		+		
Summary Report	Provides aggregated results of a school's performance on a TCAP assessment.	School/ District		+		
Standards Analysis Summary Report	Compares the TCAP results of a specific local class to school, district, and State averages for each content standard in the content area assessed.	School/ District		+		
Raw Score Report	Provides preliminary data from the TCAP assessment.	District		+		
CDF	Provides final data from the TCAP assessment.	District	+	+		

The table below indicates the report and distribution method for TCAP Reports.

Raw and CDF Score Reports are posted on Pearson Access Next at <u>https://tn.pearsonaccessnext.com/customer/</u>reporting/published/list.action.

Online Score Reporting Portals

To further our efforts to provide the best possible information, the Tennessee Department of Education is continuously trying to improve and expand the quality of information provided. The online score reporting portals are new, powerful applications for delivering the right information and tools to the right people.

The Tennessee Educator Portal provides access to summary, roster, and individual student reports, as well as powerful analytical tools that enable users to actively explore and analyze data. Educators can easily produce customized, actionable reports that identify areas of strength or weaknesses at the district, school, class, and student levels. The Tennessee Educator Portal is here: <u>https://educatorreport.tnedu.gov/login</u>

The Tennessee Family Portal is available to families and students. The portal will provide secure, ondemand access to individual student performance data and score information, as well as additional resources and tips for improvement. You can access the Family Portal here: <u>https://familyreport.tnedu.</u> <u>gov/login</u>

How is a TCAP Test Created for Tennessee Students?

The creation of a TCAP test involves careful collaboration between the department, Tennessee teachers and vendors. The department sets expectations for the type and quality of questions, in alignment with the Tennessee Academic Standards. Vendors, contracted and supervised by the Department, develop items. The department and Tennessee teachers in committees review items to ensure quality and rigor.

Each item is then field tested or included on a TCAP test on a trial-basis. The field test items don't count toward a student's performance on the test. The department uses the results of the field test to confirm item quality. Items that are effective during field testing will become an 'operational' item on a future TCAP test, contributing to a student's score.

What do TCAP results mean?

TCAP provides information about how students are progressing towards meeting the academic expectations for their grade level, as determined by the Tennessee Academic Standards. Results are reported in different ways. A student's **Raw Score** is simply the number of points earned on a TCAP test and should not be used to make comparisons between students.

A student's **Scale Score** is a conversion of a student's raw score (number correct out of total questions) on a test to a common scale that allows for a numerical comparison between students. Because there are multiple forms of each test administered, a scale score allows us to make apples to apples comparisons between students and from year to year.

Depending on a student's scale score, they will be placed in a performance level. **Performance Levels** describe how well a student has met the expectations of the content area based on Tennessee Academic Standards. Performance levels align to scale score cuts established by Tennessee educators.

Level 1	Level 2	Level 3	Level 4
(Below)	(Approaching)	(Met)	(Exceeded)
The student did not meet Tennessee's high school subject level expectations and has little knowledge of the skills and concepts in the subject.	The student is approaching Tennessee's high school subject level expectations and has a partial understanding of the skills and concepts in the subject.	The student is approaching Tennessee's high school subject level expectations and has a partial understanding of the skills and concepts in the subject.	The student met Tennessee's high school subject level expectations and understands the most complex skills and concepts in the subject.

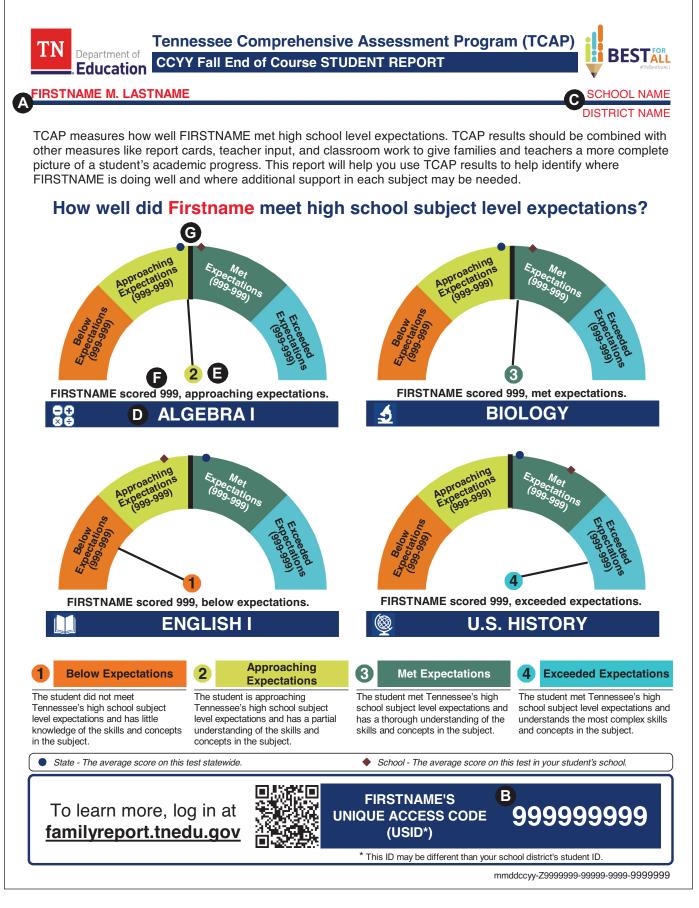
A student's **Subscore Rating** indicates, for each sub-category of a test, if a student scored higher than, similar to, or lower than the typical student that met the minimum met expectations score. Subscores are used to identify potential Strengths and Areas for Improvement.

INDIVIDUAL STUDENT REPORT (ISR)

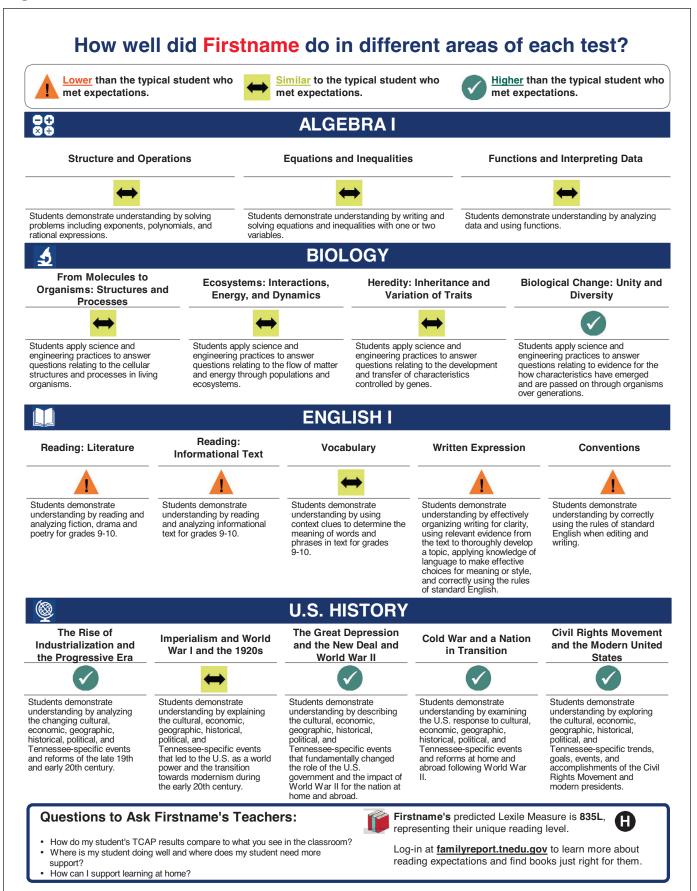
The Individual Student Report (ISR) describes the performance of a student on all TCAP assessments taken during the same administration window. The ISR's primary audience is families and students.

The ISR provides specific details about performance in each content area assessed. This two-page report shows a student's overall score and performance level compared to averages at the school and state. It also provides a student's score for each subscore category within the content area and gives information regarding their strengths, areas in need of improvement, and possible next steps that could be taken to improve their performance going forward. The ISR also contains a Lexile measure that gives parents information about their student's reading progress and helps them select reading materials at an appropriate level of difficulty. A Lexile measure assesses a student's reading ability and what level of text a student can read and understand on their own. A student receives a Lexile measure after completing the Lexile Items added to the TCAP assessment. The Lexile measure is shown as a number with an "L" for Lexile measure, and can range from 0L for beginning readers to above 1600L for college-level readers.

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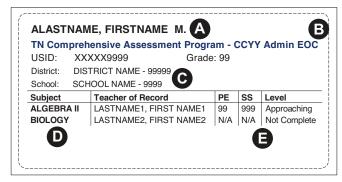


- **A** Indicates the student's name.
- **B** Indicates the entire unique student identifier number (USID).
- **C** Indicates the student's school and district.
- **D** Indicates the content area assessed.
- **E** Indicates the student's performance level for the content area assessed.
- **F** Indicates the student's overall score for the assessed content area assessed.
- **G** Indicates how the student's results compare to the State and school averages.
- **H** Page 2; Indicates Predictive Lexile score. Represents the unique reading level.



STUDENT LABEL

- **A** Indicates the student's name and identifying information.
- **B** Indicates the test administration.
- **C** Indicates the district and school.
- **D** Indicates the content area.
- **E** Indicates the points earned, scale score, and student's performance level.



CLASS AND TEACHER ROSTER

The Class Roster Report provides score information for students grouped by local class and school. This report provides the number and percentage of points earned for each student in each subscore category. Averages for the class, teacher, school, district, and state are provided at the top of the report. The students are grouped by performance level and ordered alphabetically by last name.

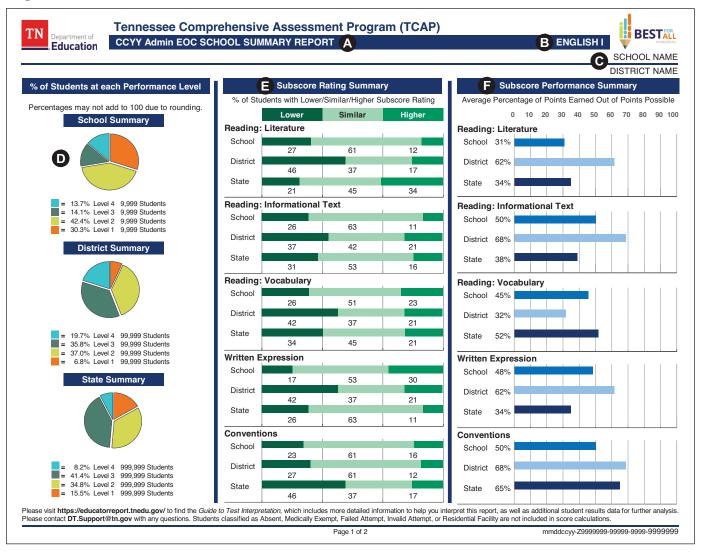
Education A CCYY Admin EOC					_	_			_								/	rNed
umber of Students Tested: 99	Теа	cher o	f Reco	rd: LAS		· ·	T NAM	E - LC	N C						6	SCH	HOOL	NAN
umber of Items: 99																		
ubscore Rating indicates how a student performed in ea			_						G			Class	Teach	er 5	School	Distrie	ct	State
ompared to the typical student who met expectations. Thi verall Performance Level , which measures how the stud to the criterion standard set by educators in Tennessee.			Ð						Average Sco			999	999	-	999	999	-	999
								L	evel 4 (S	999-999)	9	999%	999%	, !	999%	999%	5	999%
 Higher than the typical student who met 								L	evel 3 (9	999–999)		999%	999%	, , ,	999%	999%	5 1	999%
expectations.		Scale Sc						L	evel 2 (S	999–999)		999%	999%		999%	999%	5	999%
Similar to the typical student who met expectations.				ints Pos	sible			L	evel 1 (S	999–999)		999%	999%		999%	999%	5	999%
Lower than the typical student who met	% - 1	Percent o	of Points	Earned				_			Per	cent of	students	in eac	h Perfor	mance L	evel.	
expectations.	SSR	- Subsco	ore Ratir	ngs							G							_
Overall Performance				đ	leading iteratu	j: re	F Inforn	Reading	g: al Text	R Vc	eading cabula	j: iry		Vritter pressi		Cor	nventi	ons
STUDENT NAME	SS	#	%	#	%	SSR	#	%	SSR	#	%	SSR	#	%	SSR	#	%	SS
AVERAGES																		
STATE AVERAGE	999	99/99	999	99/99	999	1	99/99	999		99/99	999	+	99/99	999		99/99	999	1
DISTRICT AVERAGE	999	99/99	999	99/99	999	+	99/99	999	+	99/99	999	Ŧ	99/99	999		99/99	999	1
SCHOOL AVERAGE	999	99/99	999	99/99	999	+	99/99	999	+	99/99	999	+	99/99	999		99/99	999	1
EACHER AVERAGE	999	99/99	999	99/99	999	+	99/99	999	+	99/99	999	+	99/99	999		99/99	999	1
CLASS AVERAGE	999	99/99	999	99/99	999	+	99/99	999	+	99/99	999	+	99/99	999		99/99	999	1
PERFORMANCE LEVEL 4 (999–999)																		
CSTUDENTFIRSTNAME M. LASTNAME	999	99/99	999	99/99	999	1	99/99	999		99/99	999	1	99/99	999		99/99	999	1
ZSTUDENTFIRSTNAME M. LASTNAME	999	99/99	999	99/99	999	1	99/99	999	+	99/99	999	1	99/99	999		99/99	999	1
PERFORMANCE LEVEL 3 (999–999)																		
ASTUDENTFIRSTNAME M. LASTNAME	999	99/99	999	99/99	999	1	99/99	999		99/99	999	+	99/99	999		99/99	999	1
STUDENTFIRSTNAME M. LASTNAME	999	99/99	999	99/99	999	+	99/99	999	+	99/99	999	+	99/99	999		99/99	999	1
PERFORMANCE LEVEL 2 (999–999)																		
ISTUDENTFIRSTNAME M. LASTNAME	999	99/99	999	99/99	999	+	99/99	999		99/99	999	+	99/99	999	-	99/99	999	•
PERFORMANCE LEVEL 1 (999–999)																		
GSTUDENTFIRSTNAME M. LASTNAME	999	99/99	999	99/99	999	+	99/99	999	+	99/99	999	+	99/99	999	-	99/99	999	•
STUDENTS WITH NO SCORES																		
SSTUDENTFIRSTNAME M. LASTNAME	NOT	COMPL	ETE.	Stude	nt did n	ot atten	npt the r	ninimur	n numb	er of iten	ns requ	ired.						
DSTUDENTFIRSTNAME M. LASTNAME		EXEMP	г	Stude	nt was i	nedical	ly exem	pted.										
FSTUDENTFIRSTNAME M. LASTNAME		ABSENT	г	Stude	nt was a	absent.												
MSTUDENTFIRSTNAME M. LASTNAME		INVALID ATTEMPT One of the test irregularities was reported.																

- **A** Indicates the name of the report.
- **B** Indicates the number of students on the report and the number of scored items for the content area assessed. Note: multi-part items are reported as one item.
- **C** Indicates the teacher and class name.
- **D** Indicates the school and district.
- **E** Displays content area being reported.
- **F** Indicates the average scale score and the percentage of students at each performance level for the class, school, district, and state.
- **G** Indicates the average overall scores at the state, district, school, teacher, and class levels, as well as the average number and percentage of points earned in each subscore category.
- **H** Provides an explanation of subscore rating as well as a legend for the rating indicators.
- I The students in the table are grouped by performance level and ordered alphabetically by last name. The table indicates their individual scale score, the total number and percentage of points earned on the assessment, and the number and percentage of points earned in each subscore category.
- *In some instances, the combined total of the average number of points earned in each subscore category may differ slightly from the total number of the average points earned at the class, school, district, and state levels. This discrepancy sometimes results when rounding rules are applied to the calculations used to attain the averages.

SUMMARY REPORT

The Summary report provides aggregated results of a school's performance on a TCAP assessment. The first page includes a comparison of overall and subscore performance to district and state averages. The second page includes a roster of summary results by individual classes taught in that subject area.

Page 1 of 2



- A Indicates the name of the report.
- **B** Indicates the content area assessed.
- **C** Indicates the school and district name.
- **D** Provides a visual comparison of the percentage of students in each performance level at the school, district, and state.
- **E** Provides a visual breakout of the percentage (%) of students in each subscore rating level at the school, district, and state.
- **F** Provides a visual comparison of the average percentage of points earned out of points possible for each subscore category at the school, district, and state.

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Tennessee Comprehensive Assessment Program (TCAP) CCYY Admin EOC SCHOOL SUMMARY REPORT

ENGLISH I BESTAL

	С	Average			PE	RFORM	ANCE LEVE	EL			
# - Number of students at performance level% - Percent of students at performance level	Number Tested	Number Scale		Level 1 Level 2 (999–999) (999–999)			Lev (999–		Level 4 (999–999)		
			#	%	# %		# %		# %		
TENNESSEE	999,999	999	99,999	999	99,999	999	99,999	999	99,999	999	
	99,999	999	9,999	999	9,999	999	9,999	999	9,999	999	
SCHOOL NAME	99,999	999	999	999	999	999	999	999	999	999	
ALASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
BLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
CLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
DLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
ELASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
FLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
GLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
HLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
ILASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
JLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
KLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
LLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
MLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
NLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
OLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
PLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
QLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
RLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
SLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
TLASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	
ULASTNAME, FIRSTNAME - LCN	9,999	999	999	999	999	999	999	999	999	999	

- A Indicates the name of the report and the content area assessed.
- **B** Indicates school and district name.
- **C** This table summarizes results of each class taught in the subject area assessed at this school. It indicates the total number of students assessed from that class and their average scale score. The summary further disaggregates the performance of the students in this class by each of the four performance levels.
- **D** The first two rows of the table provide a comparison to the district and state average.

*In some instances, the combined total of the average number of points earned in each subscore category may differ slightly from the total number of the average points earned at the class, school, district, and state levels. This discrepancy sometimes results when rounding rules are applied to the calculations used to attain the averages.

STANDARDS ANALYSIS SUMMARY REPORT

The Standards Analysis Summary Report compares the TCAP results of a specific local class to school, district, and state averages for each content standard in the content area assessed.

Educa	tion					RY REPOR			#TNBestforAL
umber of Student		999	Teacher of F			NAME - LCN	D —		
umber of Items: 9	19			ENGLISH	"В			UIS	TRICT NAM
nis Standards An				ion on how t	he students i	in this class	grouping per	formed on th	ie
andards assessed • The Score P				erv student w	ith a valid te	st score ans	wered everv	tested item	correctly.
with each stu	udent earning	g all score po	oints availab	le.			5		,,
 The Score P The Percent 	oints Earned	by Class is ints Earned I	the sum of t by Class, Te	ne points for acher, Schoo	ol, District, o	vers actually r State provi	des informat	tion on the p	roportion
of score poir	nts earned ve entages mear	ersus total po	ints possible	э.					
	f score points				-G-	ng or the sta			
	Maximum	Maximum				Porcent of	Porcent of	Percent of	Porcont
Standard	Number of Tested Items for	Score Points Available for	Score Points Possible for Class	Score Points Earned by Class	Score Points Earned by	Score Points Earned by	Score Points Earned by	Score Points Earned by	Score Points Earned b
	Standard	Standard			CLASS		SCHOOL		STATE
9-10.L.CSE.1	99	99	999	999	999%	999%	999%	999%	999%
9-10.L.CSE.2 9-10.RI.CS.4	99 99	99 99	999 999	999 999	999% 999%	999% 999%	999% 999%	999% 999%	999% 999%
9-10.RI.CS.4	99	99	999	999	999%	999%	999%	999%	999%
9-10.RI.IKI.8	99	99	999	999	999%	999%	999%	999%	999%
9-10.RI.KID.1	99	99	999	999	999%	999%	999%	999%	999%
9-10.RI.KID.2	99	99	999	999	999%	999%	999%	999%	999%
9-10.RL.CS.4	99	99	999	999	999%	999%	999%	999%	999%
9-10.RI.CS.5	99	99	999	999	999%	999%	999%	999%	999%
9-10.RI.CS.6	99	99	999	999	999%	999%	999%	999%	999%
9-10.RL.KID.1	99	99	999	999	999%	999%	999%	999%	999%
9-10.RL.KID.3	99	99	999	999	999%	999%	999%	999%	999%
9-10.W.TTP.1	99	99	999	999	999%	999%	999%	999%	999%
9-10.W.TTP.2	99	99	999	999	999%	999%	999%	999%	999%

To learn more about individual Tennessee Academic Standards, please visit

https://www.tn.gov/education/instruction/academic-standards.html.

To learn more about your student and class results, please visit https://educatorreport.tnedu.gov/.

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mmddccyy-Z9999999-99999-9999-9999999999

- **A** Indicates the name of the report.
- **B** Indicates the content area assessed.
- **C** Indicates the total number of students tested in the class and the total number of items on the test for the content area assessed. **Note:** multi-part items are normally reported as one item. However, for this report, each question that is a component of the multi-part item will be reported through the standard that it belongs to, therefore increasing the total number of items on the test.
- **D** Indicates the teacher's first and last name.
- **E** Indicates the school and district.
- **F** This table summarizes the performance of the class for each standard assessed. Each row of the table indicates a different standard.
- **G** Indicates the percentage of score points earned by the class, school, district, and state.

Raw Score Report

The Raw Score file provides preliminary data from the TCAP assessment. Raw Score files are posted on Pearson Access Next at <u>https://tn.pearsonaccessnext.com/customer/reporting/published/list.</u> <u>action</u>. Files are delivered in a comma separated value (CSV) format; refer to the table below for report contents. The file name specifies the name of the report and the content area being reported. The Raw Score Report provides preliminary data from the TCAP assessment.

CSV Column	Field Description
A-C	Indicates the administration, district, and school
D-L	Identify the student (name, USID, grade, date of birth, gender, enrolled grades, tested grade, and class number)
М	Indicates the content code: A1=Algebra 1, A2=Algebra 2, B1=Biology, E1=English 1, E2=English 2, G1=Geometry, M1=Integrated Math 1, M2=Integrated Math 2, M3=Integrated Math 3, U1=US History, ELA= English Grades 2-8, MAT= Math Grades 2-8, SOC= Social Studies Grades 6-8, and SCI= Science Grades 3-8
N-P	Indicates litho codes for subpart and tested/attempted
Q-S	Teacher of Record Name and License Number
T-U	Indicates Overall Student Not Tested and Overall RI Status
V-W	Pearson Unique Student and Pearson Test Identifier
X-Y	Displays the number of points the student earned on the overall test, which is the student's raw score, and max points possible on assessment
AT-AU	Indicates Total Raw Score and Student Total Points

Comprehensive Data File (CDF) Report

The CDF file provides final data from the TCAP assessment. CDF files are posted on Pearson Access Next at <u>https://tn.pearsonaccessnext.com/customer/reporting/published/list.action</u>. Files are delivered in a comma separated value (CSV) format; refer to the table below for report contents. The file name specifies the name of the report and the content area being reported.

Reference	Field Description
1-5	Indicates the administration, district, school, assessment, semester, year
6-14	Identify the student (name, USID, grade, date of birth, gender, enrolled grades, tested grade, and class number)
15	Indicates the content code: A1=Algebra 1, A2=Algebra 2, B1=Biology, E1=English 1, E2=English 2, G1=Geometry, M1=Integrated Math 1, M2=Integrated Math 2, M3=Integrated Math 3, U1=US History, ELA= English Grades 2-8, MAT= Math Grades 2-8, SOC= Social Studies Grades 6-8, and SCI= Science Grades 3-8
16-22	Indicates litho codes for subpart, test form, test version, test mode, tested/attemptedness, and modified format
23-27	Teacher of Record Name, ID, and License Number
28-38	Indicates any accommodations used for both special education and English Learner
39-42	Indicates text to speech and color contrast
43-46	Indicates Overall Student Not Tested and Overall RI Status, Pre-ID Record, and School Type
47-48	Pearson Unique Student and Test Status
51-54	Displays the number of points the student earned on the overall test, which is the student's raw score, max points possible on assessment, total points possible, total percent points earned, and subscore rating
55-56	Indicates sub-part points possible and earned
57	Indicates Section Attemptedness
60-62	Indicates Total Raw Score, Student Percent Points Earned, and Student Total Points
63	Indicates Student Scale Score
64	Indicates Student Proficiency Classification
65-66	Indicates the Band of Confidence-High and Band of Confidence-Low
67	Indicates MetaMetrics Lexile

Glossary

Criterion-Referenced—A test that is intended for comparing each test taker's score with one or more fixed standards of performance. A student's score is based on whether the test taker meets the specified standard, not how well or poorly other test takers perform.

EOC—End-of-Course.

Performance Level—Measures student performance compared to the criterion standards set by teachers and other educators on state assessments.

- Level 4 Exceeded
- Level 3 Met
- Level 2 Approaching
- Level 1 Below

Points Earned—Also referred to as the raw score or sum of the correct answers earned by a test taker.

Scale Score—A score that maintains the same meaning in each test administration, so scores are comparable over time and across the state regardless of which specific form was used or which year a student took their test.

Standard Setting—The methodology used to define performance levels.

Subscore Category—A subset of items associated with content strands defined by the Tennessee Academic Standards.

Subscore Performance—Summary information based on average percentage of points earned out of points possible for the subscore category.

Subscore Rating—An indication of how individual students performed compared to other students in Tennessee.

T1/T2— English Learner Transitional 1 and Transitional 2 students.

TCAP—Tennessee Comprehensive Assessment Program.

Guide to Test Interpretation 2022–23 TCAP TCAP Assessments

