

Tennessee's Calculation for School Letter Grades

Presentation for the State Board of Education November 2, 2023







ACADEMICS

ALL TENNESSEE STUDENTS WILL HAVE ACCESS TO A HIGH-QUALITY EDUCATION, NO MATTER WHERE THEY LIVE

STUDENT READINESS

TENNESSEE PUBLIC SCHOOLS WILL BE EQUIPPED TO SERVE THE ACADEMIC AND NON-ACADEMIC NEEDS OF ALL STUDENTS IN THEIR CAREER PATHWAYS

EDUCATORS

TENNESSEE WILL SET A NEW PATH FOR THE EDUCATION PROFESSION AND BE THE TOP STATE IN WHICH TO BECOME AND REMAIN A TEACHER AND LEADER FOR ALL



Agenda

- Overview of Implementation
 - Law & History
 - TDOE Goals & Process for Implementation
 - Town Halls, Public Comment & A-F Working Group
- A-F Letter Grade Calculation
 - Indicators & Weighting
 - Aggregated Scores & Mapping
- Publishing A-F Letter Grades on State Report Card

Overview of Implementation



TDOE's Goals & Process for Implementation

- Produce school ratings that are clear and meaningful to families who already have expectations for outcomes performance as represented by a letter grade
- Recognize accomplishments in academic achievement, growth and any other indicators
- Identify areas of need or opportunities for improvement to support planning and investments at the local level

...all in partnership with Tennesseans across the state.

1. Public Town Halls

2. Public Comment

3. A-F Working Group

4. Calculation & Letter Grades



The A-F Working Group's task:

Develop a *calculation*to generate
A-F letter grades for schools



A-F Letter Grade Calculation





Letter Grade Model: Overview

Indicators & Weights

Indicator	Elementary School Weight	Middle School Weight	High School Weight
Achievement (ACH)	50%	50%	50%
Growth (GTH)	40%	40%	30%
Subgroup – Lowest 25% (G25)	10%	10%	10%
College & Career Readiness (CCR)	-	-	10%

- Schools will receive a sub-score (Level 1-5) for each indicator within the calculation
- Level scores will be multiplied by assigned weights to generate aggregate score
- Aggregate score is cross-walked into a letter grade



Indicator 1: Achievement

Measure: Proficiency Success Rate in TCAP and End of Course exams

Key Points

- All tested subjects are included
- Subjects are weighted differently by grade band, reflective of tests offered, and with an emphasis on ELA and Math
- Cut scores for Level 1-5 are derived from <u>baseline data in 2022</u>, allowing schools to demonstrate proficiency gains

Indicator	Elementary School Weight	Middle School Weight	High School Weight
English Language Arts (ELA)	40%	35%	Proportional
Math (MTH)	40%	35%	Weighting by Tests Taken (3 MTH, 2 ELA,
Science (SCI)	20%	15%	1 SCI, 1 SS)
Social Studies (SS)	-	15%	



Indicator 1: Achievement, cont.

Special Considerations

 US History & Biology: Districts may opt to include students taking advanced course work (e.g. AP, dual credit, etc.) in place of these EOCs provided the district maintains a 95% participation rate on the associated exam



Indicator 2: Growth

Measure: Schoolwide TVAAS

Key Points

- All tested subjects and students are included
- Leverages measure familiar to stakeholders
- Maintain existing level descriptors

Special Considerations

- Continue to study and improve as needed the TVAAS calculation
 - Stability versus sensitivity



Indicator 3: Subgroup Performance

- Measure: TVAAS Growth of Lowest Performing 25% Student Subgroup
 - Students in this subgroup are identified based on prior year performance on TCAP
 - Leverages same TVAAS measure already in use

Key Points

- Includes all tested subjects
- Mitigates the "double counting" of students
- Does not presuppose who is lowest performing

Special Considerations

Important to display other subgroup growth by student characteristic



Indicator 4: College & Career Readiness

- Measure: Percent of graduating cohort with <u>one</u> of the following:
 - ACT 21 or higher;
 - Postsecondary credit earning score on AP, IB, Cambridge, CLEP, Dual Credit, or Dual Enrollment;
 - Industry Credential (Tier III or Tier II plus one other industry credential);
 - ASVAB Qualifying Score;

Key Points

- Applies to high schools only
- Ensures data included is from the same year of performance
- Emphasizes attainment of credits/credentials toward post-secondary pursuits

Special Considerations

Requires district data verification window



Aggregating Scores & Mapping the Letter Grade

- Schools will receive a sub-score (Level 1-5) for each indicator within the calculation
- Level scores will be multiplied by assigned weights to generate aggregate score
- Aggregate score is cross-walked into a letter grade

1. Determine Aggregate Score Grade

Indicator	Level	Weight	Score
ACH	Χ	%	
GTH	Χ	%	
G25	Χ	%	
CCR	Χ	%	
Aggregate Score			

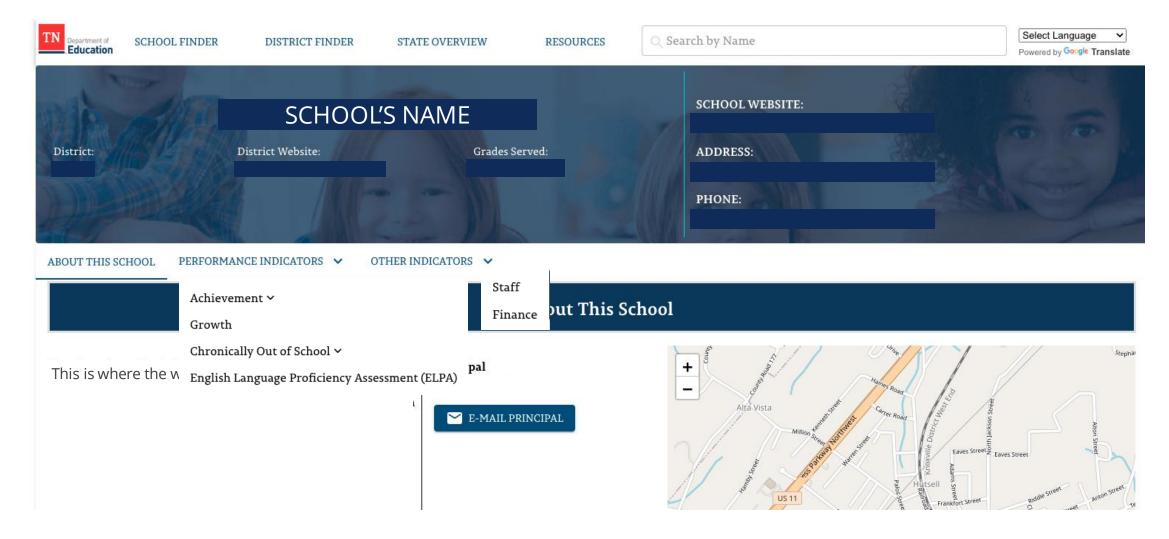
2. Map Aggregate Score to Letter Grade

Letter Grade	Aggregate Score Range
А	4.6 – 5
В	3.6 – 4.5
С	2.6 - 3.5
D	1.6 - 2.5
F	1 – 1.5

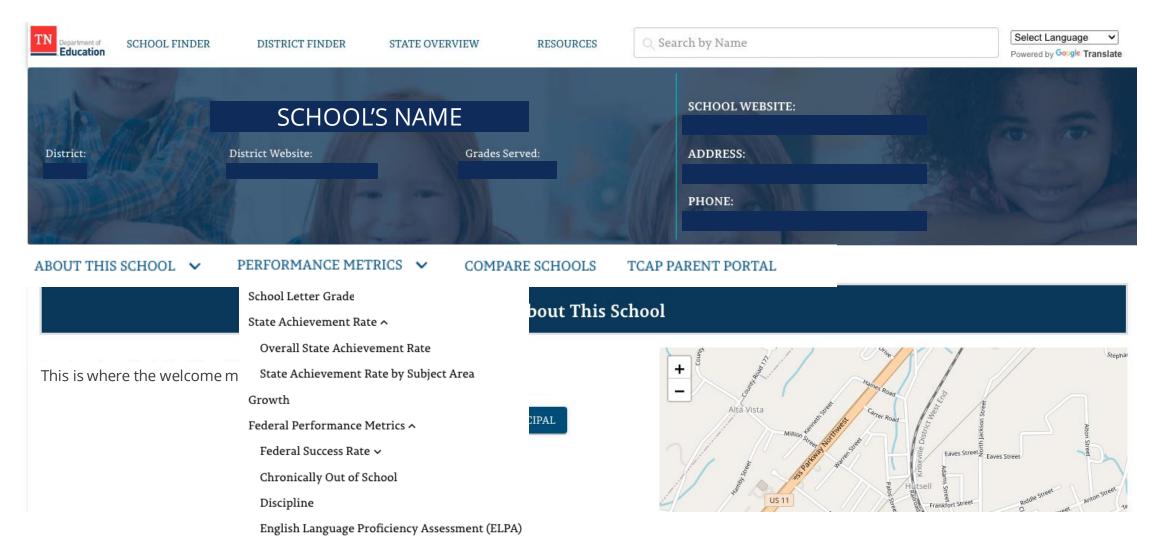
Publishing A-F Letter Grades on the State Report Card



State Report Card: OLD Navigation Menu



State Report Card: NEW Navigation Menu



Report Card Wireframe: Letter Grade Page

ABOUT THIS SCHOOL ^	PERFORMANCE METRICS ^ CO	OMPARE SCHOOLS TCAP PARENT PORTAL	
	School Letter Grades	School Letter Grades	
	State Achievement Rate 🗸	School Letter Grades	
	Growth		
	Federal Performance Metrics \sim		

Indicators	Achievement	Growth	Subgroup	College & Career
	LEVEL 1-5	LEVEL 1-5	LEVEL 1-5	LEVEL 1-5
Measure	Success Rate	Schoolwide TVAAS	Lowest Performing 25%	College & Career Readiness
Overall Scores- by Subject	 ELA- Score Math- Score Science- Score Social Studies- Score [Explore More]	Literacy- ScoreNumeracy- Score[Explore	e More]	 ACT 21+- Score AP/IB/Cambridge/Etc. Score Industry
Overall Scores- by Student Subgroup	 Economically Disadvantaged- Score English Learners- Score Students with Disabilities- Score [Explore More] 	 Economically Disadvan English Learners- Score Students with Disabiliti [Explor 		 Economically Disadvantaged-Score English Learners- Score Students with Disabilities-Score [Explore More]

Calculation of School Letter Grade

Indicator	Level	Weight	Score
ACH	Χ	%	Υ
GTH	Χ	%	Υ
G25	Χ	%	Υ
CCR	Χ	%	Υ
Ag	Aggregate Score		

School Letter Grade:



Statewide Letter Grade Scale

Grade	Aggregate Score Range
А	4.6 – 5.0
В	3.6- 4.5
С	2.6- 3.5
D	1.6- 2.5
F	1.0- 1.5



Next Steps

November:

Data verification with districts

December:

- District preview window
- Publication of the State Report Card



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