Smarter Balanced Assessment:

Determining the Claim-Level Performance Categories
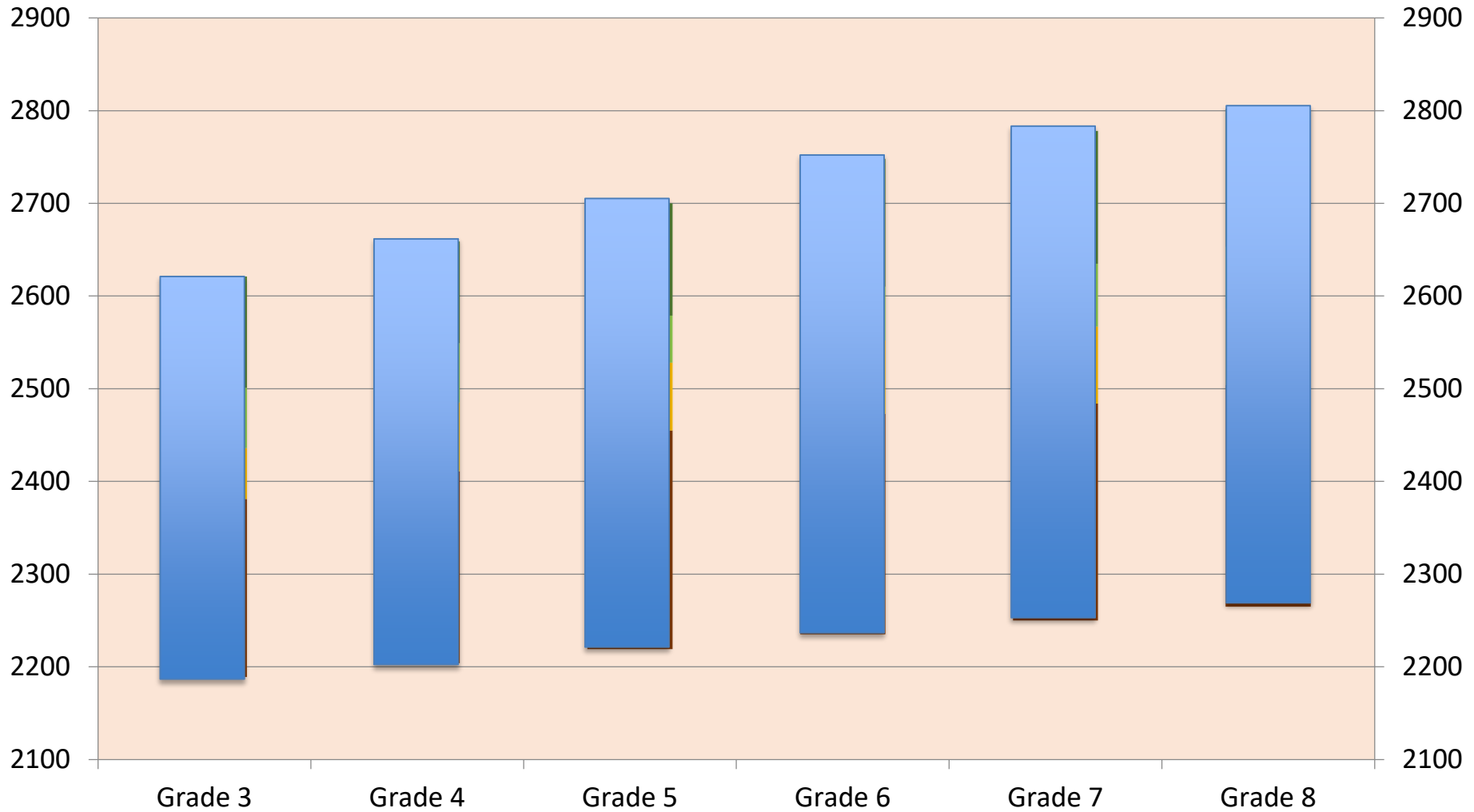
Performance Office

August 2019

Three Important Topics

1. The Smarter Balanced Vertical Scale

2. The Smarter Balanced Achievement Levels

3. The Standard Error of Measurement (SEM)
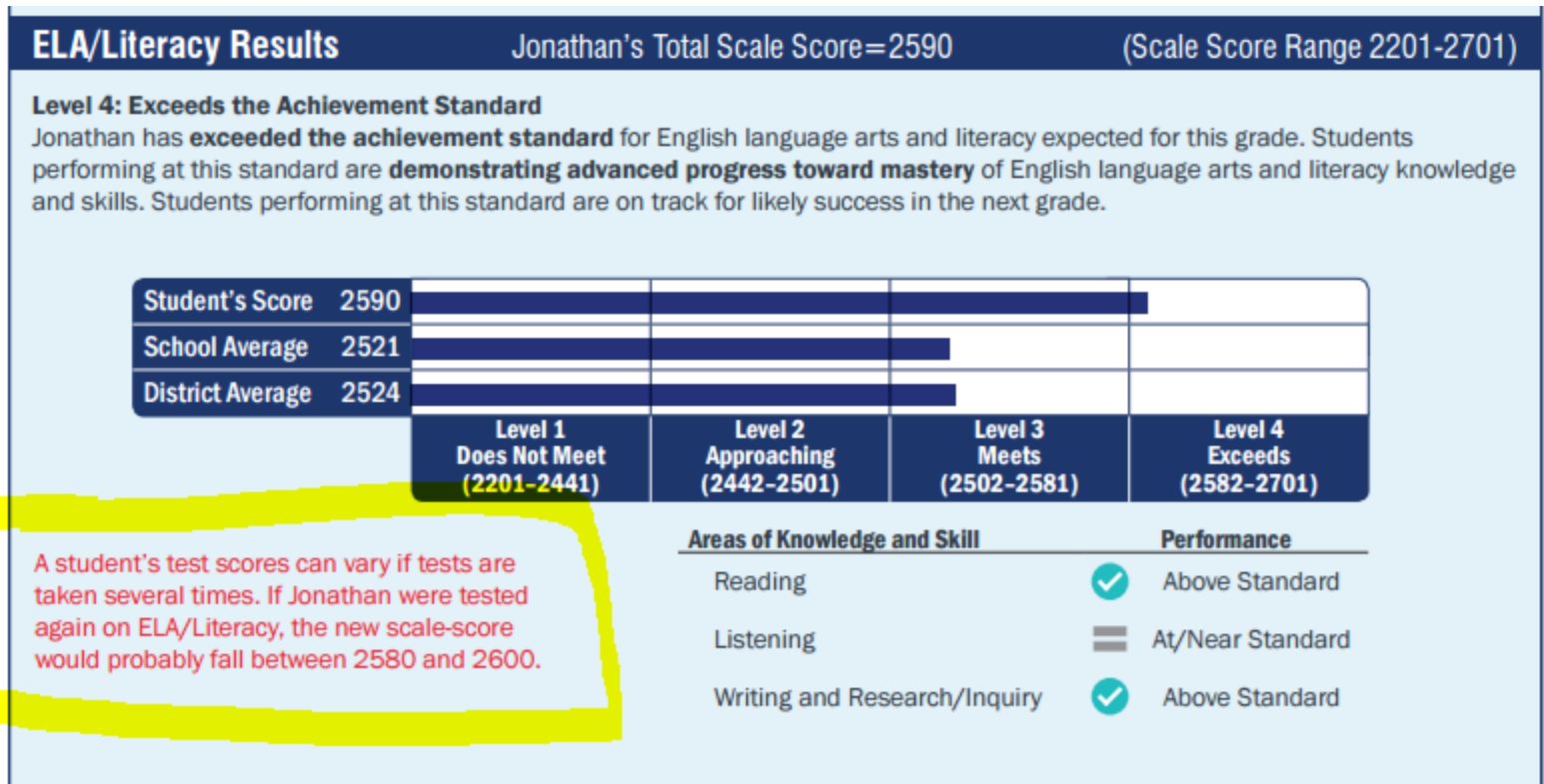
The Smarter Balanced Scale

Smarter Balanced Overall Scale Scores

ELA	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Level 4 *Exceeded*	2490-2623	2533-2663	2582-2701	2618-2724	2649-2745	2668-2769
Level 3 *Met*	2432-2489	2473-2532	2502-2581	2531-2617	2552-2648	2567-2667
Level 2 *Approaching*	2367-2431	2416-2472	2442-2501	2457-2530	2479-2551	2487-2566
Level 1 *Not Met*	2114-2366	2131-2415	2201-2441	2210-2456	2258-2478	2288-2486
Mathematics	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Level 4 *Exceeded*	2501-2621	2549-2659	2579-2700	2610-2748	2635-2778	2653-2802
Level 3 *Met*	2436-2500	2485-2548	2528-2578	2552-2609	2567-2634	2586-2652
Level 2 *Approaching*	2381-2435	2411-2484	2455-2527	2473-2551	2484-2566	2504-2585
Level 1 *Not Met*	2189-2380	2204-2410	2219-2454	2235-2472	2250-2483	2265-2503

CSDE

The Standard Error of Measurement (SEM)

- A test score is an estimate of a student's achievement and comes with a certain amount of measurement error

ELA/Literacy Results Jonathan's Total Scale Score=2590 (Scale Score Range 2201-2701)

Level 4: Exceeds the Achievement Standard
Jonathan has **exceeded the achievement standard** for English language arts and literacy expected for this grade. Students performing at this standard are **demonstrating advanced progress toward mastery** of English language arts and literacy knowledge and skills. Students performing at this standard are on track for likely success in the next grade.

		Level 1 Does Not Meet (2201–2441)	Level 2 Approaching (2442–2501)	Level 3 Meets (2502–2581)	Level 4 Exceeds (2582–2701)
Student's Score	2590				
School Average	2521				
District Average	2524				

A student's test scores can vary if tests are taken several times. If Jonathan were tested again on ELA/Literacy, the new scale-score would probably fall between 2580 and 2600.

Areas of Knowledge and Skill **Performance**

Reading	✓ Above Standard
Listening	═ At/Near Standard
Writing and Research/Inquiry	✓ Above Standard

Smarter Balanced ELA and Math **Claims**

English Language Arts (ELA) Claims		Mathematics Claims	
Claim 1: Reading	Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.	Claim 1: Concepts And Procedures	Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency
Claim 2: Writing	Students can produce effective and well-grounded writing for a range of purposes and audiences.	Claim 2: Problem Solving	Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies.
Claim 3: Listening	Students can employ effective speaking and listening skills for a range of purposes and audiences.	Claim 3: Communicating Reasoning	Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.
Claim 4: Research/Inquiry	Students can engage in research/inquiry to investigate topics, and to analyze, integrate, and present information.	Claim 4: Modeling And Data Analysis	Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.

NOTE: For reporting purposes in CT, Claims 2 and 4 in each subject area are combined into one reporting category.

CONNECTICUT STATE DEPARTMENT OF EDUCATION

Claim-Level Performance Categories

ELA

Areas of Knowledge and Skill		Performance
Reading	✓	Above Standard
Listening	═	At/Near Standard
Writing and Research/Inquiry	✓	Above Standard

Mathematics

Areas of Knowledge and Skill		Performance
Concepts and Procedures	✓	Above Standard
Problem Solving and Modeling & Data Analysis	⚠	Below Standard
Communicating Reasoning	═	At/Near Standard

Grade 3 Claim 1 (Reading) Example
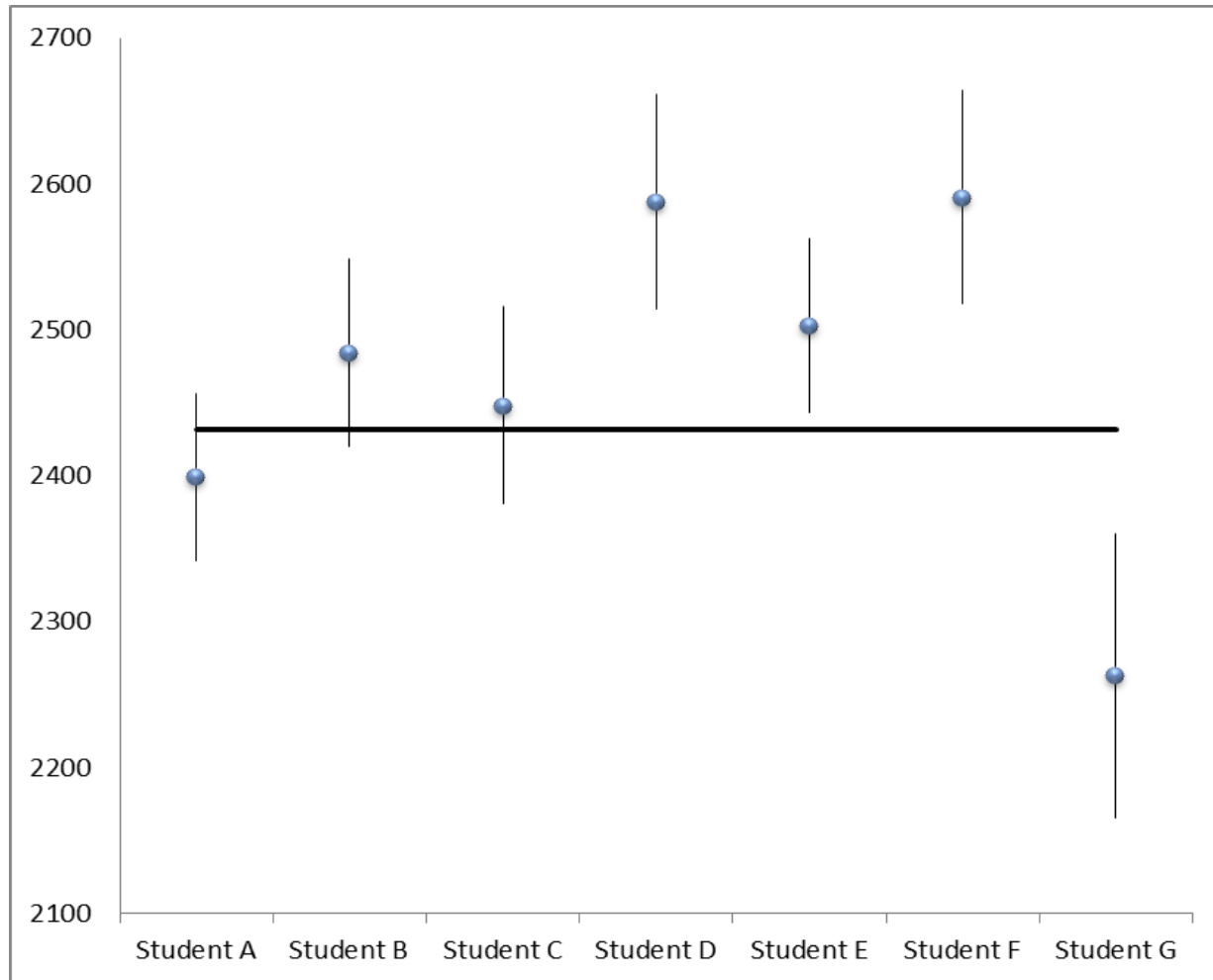
Thank you!

Contact
Email: ctstudentassessment@ct.gov
Phone: 860-713-6894.

Connecticut Smarter Balanced Assessments for English Language Arts/Literacy and Mathematics

CSDE
CONNECTICUT STATE DEPARTMENT OF EDUCATION

2019
REVISED July, 2019

Interpretive Guide

Connecticut State Board of Education