

# State and Federal Program Directors Meeting

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**Analysis, Measurement, and Accountability  
Reporting Division  
December 1, 2017**



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# Topics

- Actions Taken at November 2017 State Board of Education (SBE) Meeting
  - Academic Indicator
  - Chronic Absenteeism

# SBE Action on Academic Indicator

- Approved:
  - New **Change cut scores** for English language arts/literacy (ELA) and mathematics
  - New High and Medium **Status cut scores** for mathematics
  - New **color designation** for five-by-five grid

# Rationale for Change: Volatility in Scale Scores

- Performance standards based on two years of data (2015 and 2016)
  - Distributions positively skewed: Over 80 percent of LEAs had positive change
- 2017 Change distribution more symmetrical: 45 percent of LEAs had a positive change

# Rationale for Change: Produces Dramatic Downward Swings

- High performing schools must sustain continued improvement that may be untenable.
  - Some 200 schools at “High” or “Very High” Status level dropped two performance levels in 2017 (from Blue to Yellow), even as most of their students continued to meet or exceed state standards.

# Rationale for Change: Produces Dramatic Upward Swings

- Schools with Very Low Status that improve by just 15 points from prior year could jump two performance levels (i.e., Red to Yellow).
  - Applying current cut scores and methodology to 2017 DF3 would result in 1,117 schools (15 percent) moving up or down at least two performance levels in ELA.

# New Change Cut Scores for Both English language arts and Mathematics

## **Increased Significantly**

By 15 points or more

## **Increased**

by 3 to less than 15 points

## **Maintained**

Declined by less than 3 points or  
Increased by less than 3 points

## **Declined**

By 3 to 15 points

## **Declined Significantly**

by more than 15 points

# Rationale: Revisions to Change Cut Scores

- Normal distribution supports symmetrical cut scores
  - 2016 cut scores (“Maintained” level):
    - < -1 to < +7 (ELA)
    - < -1 to < +5 (mathematics)
  - Revised Change cut scores:
    - < -3 to < +3 (both ELA and mathematics)



# Revisions to *Mathematics* Cut Scores

Status Cut Scores
<b><i>Very High</i></b> 35 or higher
<b><i>High</i></b> Zero to 34.9 points (revised)
<b><i>Medium</i></b> -25 points below to less than Zero (revised)
<b><i>Low</i></b> -25.1 points to -95 points
<b><i>Very Low</i></b> -95 points or lower

# Rationale: Revisions to Status Cut Scores for Mathematics

- Ensure that LEAs and schools cannot receive a “High” Status unless they have a positive DF3:
  - Addresses issues raised by advocacy groups after release of Spring 2017 Dashboard

# New ELA Five-by-Five Colored Table

Level	Change: Declined Significantly by more than 15 points	Change: Declined By 3 to 15 points	Change: Maintained Declined by less than 3 points or Increased by less than 3 points	Change: Increased by 3 to less than 15 points	Change: Increased Significantly By 15 points or more
Status: Very High 45 points or higher	Green*	Green	Blue	Blue	Blue
Status: High 10 to 44.9 points	Green*	Green*	Green	Green	Blue
Status: Medium -5 points to +9.9 points	Yellow*	Yellow*	Yellow	Green	Green
Status: Low -5.1 to -70 points	Orange*	Orange	Orange*	Yellow	Yellow
Status: Very Low -70.1 points or lower	Red	Red	Red	Orange	Orange*

\* Change in color designation

# New Mathematics Five-by-Five Colored Table

Level	Change: Declined Significantly by more than 15 points	Change: Declined By 3 to 15 points	Change: Maintained Declined by less than 3 points or Increased by less than 3 points	Change: Increased by 3 to less than 15 points	Change: Increased Significantly By 15 points or more
Status: Very High 35 points or higher	Green*	Green	Blue	Blue	Blue
Status: High zero to 34.9 points	Green*	Green*	Green	Green*	Blue
Status: Medium -25 points to less than zero	Yellow*	Yellow*	Yellow	Green	Green
Status: Low -25.1 to -95 points	Orange*	Orange	Orange*	Yellow	Yellow
Status: Very Low -95 points or lower	Red	Red	Red	Orange*	Orange

\* Change in color designation

# Rationale: Revisions to Color Designation

- LEAs and schools that maintain their Status can only be assigned one of two colors:
  - School with Very High Status can only move from Blue to Green if it declines.
  - School with Very Low Status can only move from Red to Orange if it increases.

# SBE Action on Chronic Absenteeism Indicator

- Include information in Fall 2017 Dashboard that redirects users to Chronic Absenteeism reports on DataQuest.
- Direct CDE staff to develop recommendation for:
  - March 2018 SBE meeting: Proposed Status cut scores to be used to update Fall 2017 Dashboard
  - September or November 2018 SBE meeting: Proposed Change cut scores

# Questions and/or Discussion

