

California School Dashboard Release: Academic Indicator

Presented by the
Analysis, Measurement, and
Accountability Reporting Division

November 26, 2018



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State Superintendent of Public Instruction

Housekeeping

- **Download Today's PowerPoint:**

- Go to File > Transfer > Select File You Want to Download > Download

- **Archived PowerPoint:**

- The PowerPoint will be posted on the CDE California Accountability Model & School Dashboard web page at

- <https://www.cde.ca.gov/ta/ac/cm/>

- Note: The WebEx will not be posted.

Additional Housekeeping

- **Two Polling Questions:**

- Will automatically appear through the WebEx and will be open for 45 seconds

- **Type in your questions in the Q&A area**

- The chat box is not monitored during the webinar as each of our staff is answering question in the Q&A section

Agenda

- Overview of the California School Dashboard (Dashboard) and Accountability System
- New Look and Feel of the Dashboard
- Academic Indicator
- Incorporation of Participation Rate into Academic Indicator
- Pair and Share
- English Learner Progress Indicator (ELPI)

Overview of the California School Dashboard and Accountability System

California School Dashboard

- **Six State Indicators:**

- Data collected statewide from local educational agencies (LEAs) through the California Longitudinal Pupil Achievement Data System (CALPADS) or outside vendors (e.g. Educational Testing Service, College Board, etc.).
- California Department of Education (CDE) uploads the data into the Dashboard.

- **Five Local Indicators:**

- Data collected by LEAs.
- LEAs upload the data into the Dashboard.

State Indicators Reported in 2018 Dashboard

- Suspension Rate: Apply 3x5 grid at student group level
- Chronic Absenteeism: Reported for first time
- English Learner Progress: Transition year, report assessment results only
- Graduation Rate: 4-year & DASS graduation rate; 3x5 at student group level
- College/Career Indicator: New measures and first time color
- Academic English and Math: Adding Grade 11 and participation rate

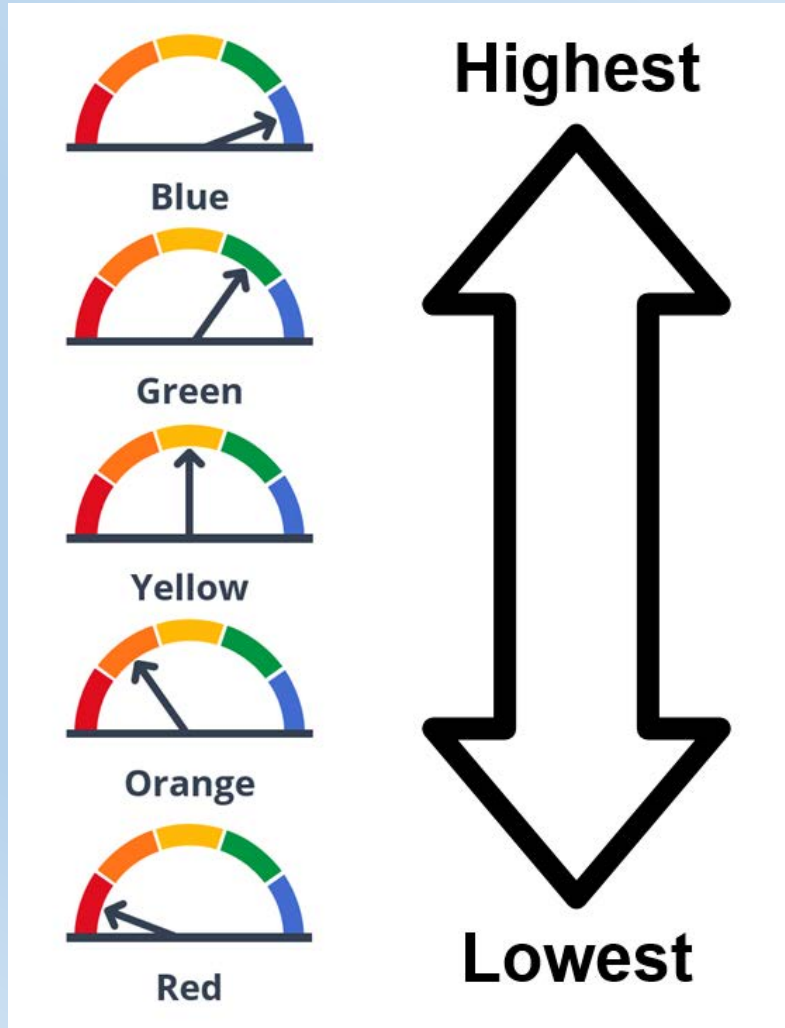
Performance Levels (Colors)

- Two years of data (**Status** and **Change**) are required to receive a performance level (color):
 - **Status**: Current year data
 - **Change**: Difference between current- and prior-year data

***N*-Size Requirements**

- LEAs, schools, and student groups receive performance levels (or colors) for each **state** indicator **with at least 30** students in the current and prior year
 - “30 or more” determination differs for each state indicator
- Exception: LEAs receive a color for homeless and foster youth if they have at **least 15 students** in the current and prior year.

Five Performance Levels (Colors)



The image on the left is an example of the Gauge Indicators from the Highest to the Lowest.

- First Gauge pointing to Blue
- Second Gauge pointing to Green
- Third Gauge pointing to Yellow
- Fourth Gauge pointing to Orange
- Fifth Gauge pointing to Red

How Do You Get a Color?

Level	Declined Significantly from Prior Year	Declined from Prior Year	Maintained from Prior Year	*Increased from Prior Year	Increased Significantly from Prior Year
Very High in Current Year	Yellow	Green	Blue	*Blue	Blue
*High in Current Year	*Orange	*Yellow	*Green	*Green	Blue
Medium in Current Year	Orange	Orange	Yellow	Green	Green
Low in Current Year	Red	Orange	Orange	Yellow	Yellow
Very Low in Current Year	Red	Red	Red	Orange	Yellow

*The table on the left is a 5x5 table showing an example of how to get a color

- Get a color (Green) by combining:
 - Current year results (High), and
 - Difference from prior year results (Increased)
 - High and Increased meet for a Performance Level of Green

Dashboard Alternative School Status (DASS)

- All DASS schools and county offices of education (COEs) will receive a Dashboard report for the first time in 2018
- Data from DASS schools will be included in their LEA Dashboard report.
 - **Exception:** Because charter schools are treated as LEAs under LCFF, DASS charter schools will not be included in their authorizers' reports

Modified Methods for DASS Schools

- DASS schools will be held accountable for **all** state indicators currently reported in the Dashboard.
- However, “modified methods” will be used for select state indicators.
 - To fairly evaluate the success and progress of alternative schools that serve high-risk students.

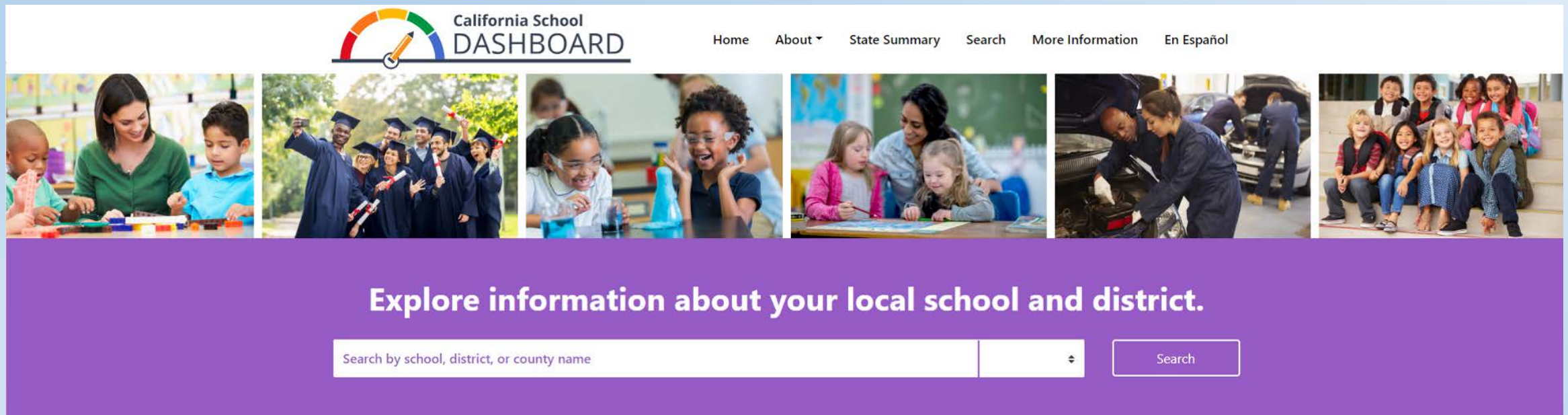
New Look and Feel of the Dashboard

New Homepage

Image below is the example of the new 2018 Dashboard Homepage. The top of the page has an image of a gauge with the arrow pointing to green. Tabs from left to right as follows:

- Home
- About
- State Summary
- Search
- More Information
- En Español

Explore information about your local school and district with a search tab.



California School
DASHBOARD

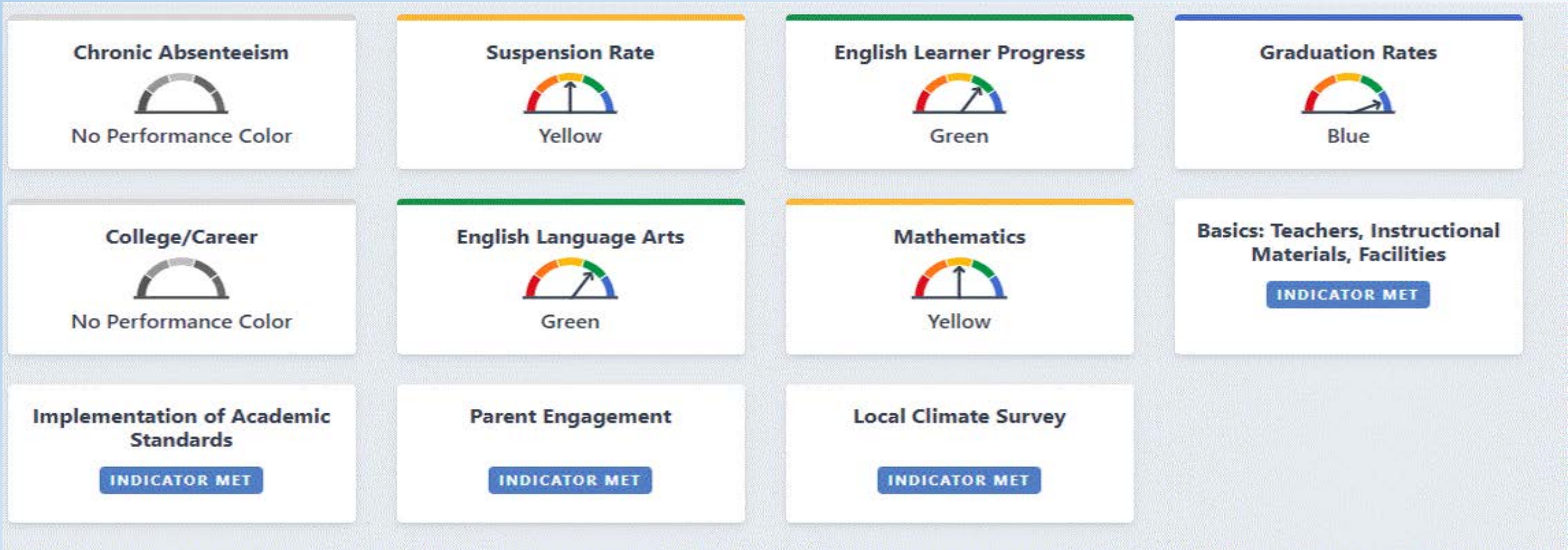
Home About State Summary Search More Information En Español

Explore information about your local school and district.

Search by school, district, or county name

Search

Landing Page

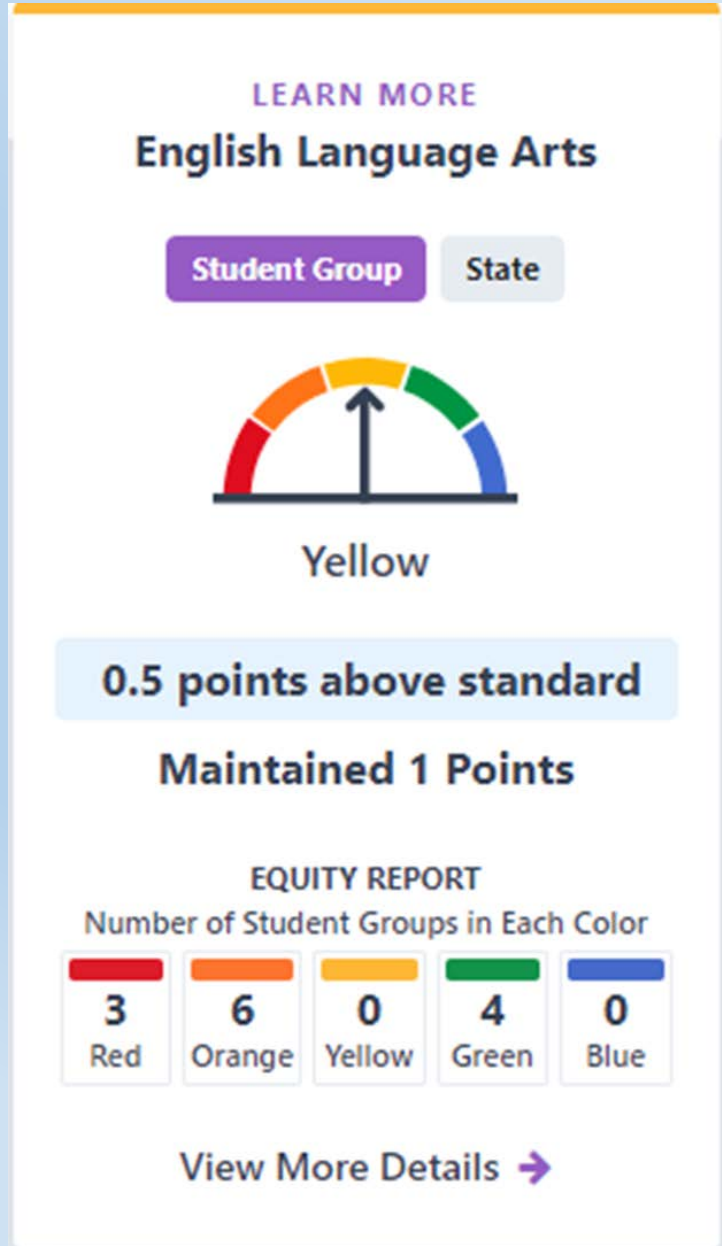


Landing Page (Description)

The Image in the slide above is an example display of the 2018 Dashboard landing Page showing tabs from left to right:

- Chronic Absenteeism –Gauge Indicator has no performance color
- Suspension Rate –Gauge Indicator pointing to yellow
- English Learner Progress –Gauge Indicator pointing to green
- Graduation Rates –Gauge Indicator pointing to Blue
- College/Career –Gauge Indicator has no performance color
- English Language Arts –Gauge Indicator pointing to green
- Mathematics –Gauge Indicator pointing to yellow
- Basic Teachers Instructional Materials, Facilities –Indicator Met
- Implementation of Academic Standards –Indicator Met
- Parent Engagement –Indicator Met
- Local Climate Survey –Indicator Met

2018 Dashboard: Indicator In-Depth Display



The image on the left is of the 2018 Dashboard web page. Indicator In-Depth Display. Information Displayed is as below:

- Learn More –English Language Arts
- Student Group Tab
- State Tab
- Gauge Indicator image pointing to Yellow
- 0.5% points above standard
- Maintained – 1 Points
- Equity Report –Number of Student Groups in Each Color
- 3 –Red, 6 –Orange, 0-Yellow, 4 –Green, 0 -Blue

View More Detail Page: All Student Groups by Performance Level

Student Group Details

All Student Groups by Performance Level

13 Total Student Groups



Red

Foster Youth

Homeless

Students with Disabilities



Orange

African American

English Learners

Hispanic

Pacific Islander

Socioeconomically Disadvantaged



Yellow

American Indian



Green

Filipino

Two or More Races

White



Blue

Asian



No Performance Color

No Students

All Student Group by Performance Page Description

The image in the slide above shows an example of Student Group Details for the Dashboard 2018 prototype. There are six baseball like cards that detail the indicators. Within each indicator there is an opportunity to view additional data. Starting from left to right the indicators include the following:

- Gauge Indicator arrow pointing to Red
 - Foster Youth
 - Homeless
 - Students with Disabilities
- Gauge Indicator arrow pointing to Orange
 - African American
 - English Learners
 - Hispanic
 - Pacific Islander
 - Socioeconomically Disadvantaged
- Gauge Indicator arrow pointing to Yellow
 - American Indian
- Gauge Indicator arrow pointing to Green
 - Filipino
 - Two or More Races
 - White
- Gauge Indicator arrow pointing to Blue
 - Asian
- Gauge Indicator with No Performance Color
 - No Students

View More Detail: Explore by Performance Level

Explore Groups By Performance Level

Red 3

Orange 6

Yellow 0

Green 4

Blue 0

No Performance Color 0

Foster Youth



Red

71.7 points below standard

Declined Significantly

-16.4 Points ⊕

Number of Students: 181

Homeless



Red

70.7 points below standard

Declined -5.1 Points ⊕

Number of Students: 183

Students with Disabilities



Red

95.1 points below standard

Maintained -2.3 Points

Number of Students: 3,321

Explore by Performance Level Description of Image

The image in the slide above shows an example of Explore Groups By Performance Level for the Dashboard 2018 prototype. There are three baseball like cards that detail the indicators. Within each indicator there is an opportunity to view additional data. Starting from left to right the indicators include the following:

- Gauge Indicator arrow pointing to Red
 - 71.7 points below standard
 - Declined Significantly -16.4 Points
 - Number of Students 181
- Gauge Indicator arrow pointing to Red
 - 70.7 points below standard
 - Declined -5.1 Points
 - Number of Students 183
- Gauge Indicator arrow pointing to Red
 - 95.1 points below standard
 - Maintained -2.3 Points
 - Number of Students 3,321

Academic Indicator

Academic Indicator

- The Academic Indicator is based on “Distance from Standard” (DFS) on the Smarter Balanced Summative Assessments (ELA and mathematics)
 - Average distance between all student test scores and lowest possible scale score for the Standard Met Achievement Level (Level 3) for that grade level and content area

Calculating Distance from Standard

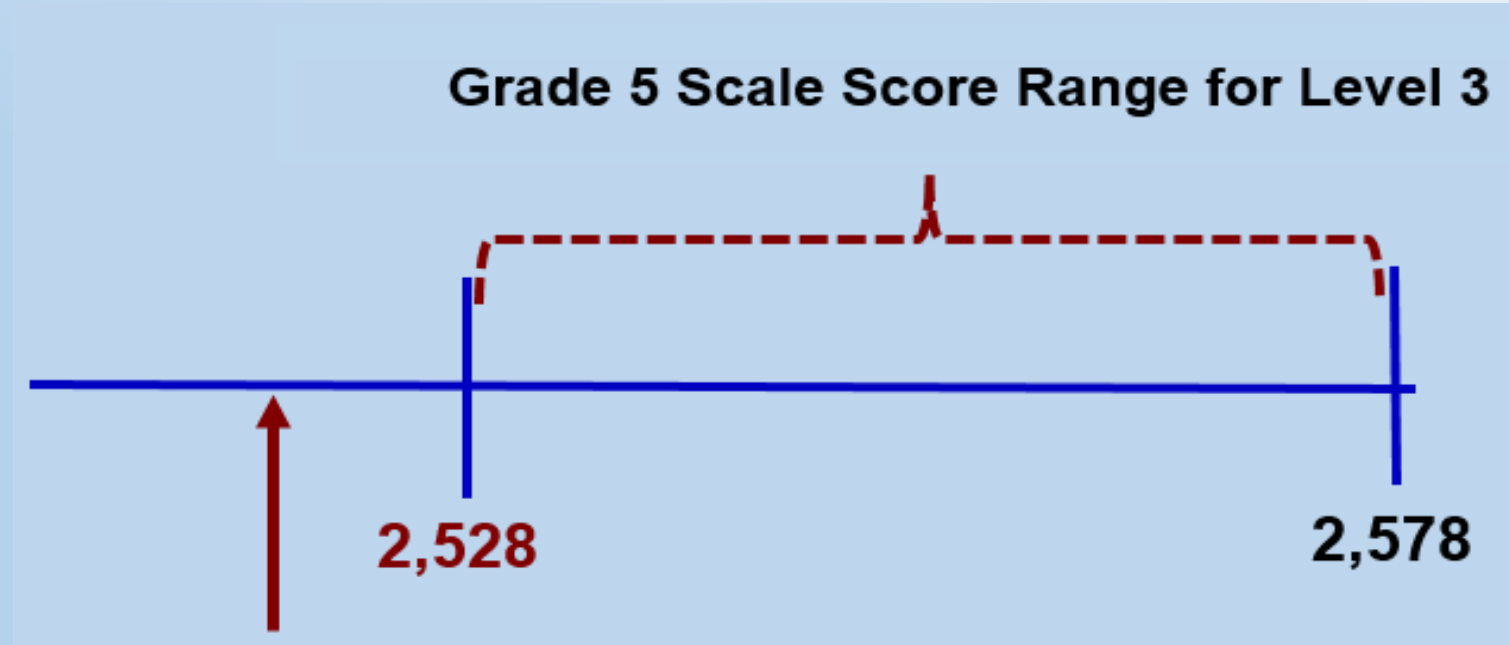
- Uses all available valid scale scores
 - Note: inclusion/exclusion rules are applied to determine which scores are included. For example, students must be continuously enrolled from fall census day to the first day of testing.
- Each student's DFS is calculated separately
- All DFS scores are combined to determine an average for each LEA, school, and student group.

Comparing Scale Scores

- When calculating DFS, remember that scale score ranges vary by both *content area* and *grade level*.
 - Must compare each student's ELA and mathematics scores against the lowest Standard Met scale score for the appropriate grade and content area.

DFS Example: Grade 5 Mathematics

- A Grade 5 student received a score of **2,505**.



Student scored 2,505. This is 23 points below the lowest possible score for Standard Met in grade 5 mathematics.

$$(2,505 - 2,528 = -23 \text{ points})$$

Calculation Formula for Status

Sum of All Students' DFS on
2018 Smarter Balanced Summative Assessments

divided by

Total Number of 2018 Smarter Balanced Summative
Assessments Valid Accountability Scores

Calculation Formula for Change

2017–18 DFS on Smarter Balanced results

minus

2016–17 DFS on Smarter Balanced results

Changes to the Academic Indicator

- Beginning with the 2018 Dashboard the Academic Indicator will:
 - Include Grade 11 assessment results
 - Incorporate the participation rate

Note: All changes made to the 2017–18 assessment results were also applied to the 2016–17 assessment results to allow for fair change comparisons (e.g., grade 11 results were added into the calculation of the 2016–17 assessment results).

Incorporation of Grade 11 Results in the Academic Indicator

- Grade 11 results will now be included in the calculation of the Academic Indicator to determine the performance level for LEAs, schools, and student groups.
 - Note: Unified schools districts and K-12 schools receive only one color for ELA and one color for mathematics
- **High schools and high school districts** will receive an Academic Indicator performance level (color) based on their grade 11 results for the first time in the 2018 Dashboard.

Status and Change Cut Scores for Grade 11

- Status and Change cut scores for **high schools** and **high school districts** were adopted by the State Board of Education (SBE) at its November 2018 meeting for:
 - ELA
 - Mathematics

Status Cut Scores: ELA

There are two sets of Status Cut Scores for ELA:

- High Schools and High School Districts
- Elementary, Middle, and K-12 Schools, and Unified Districts

Status Level	Status Cut Scores High Schools and High School Districts	Status Cut Scores Elementary, Middle, K-12 and Unified Districts
Very Low	-45.1 points or lower	-70.1 points or lower
Low	-0.1 to -45 points	-5.1 to -70 points
Medium	0 to 29.9 points	-5 to +9.9 points
High	30 points to 74.9 points	10 to 44.9 points
Very High	75 points or higher	45 points or higher

Change Cut Scores: ELA

The Change Cut Scores are the same for all LEAs, schools, and student groups.

Change Level	Change Cut Scores For All Schools and Districts
Declined Significantly	Declined by 15.1 points or more
Declined	Declined by 3.0 points to 15 points
Maintained	Declined by 2.9 points or increased by 2.9 points
Increased	Increased by 3 points to 14.9 points
Increased Significantly	Increased by 15 points or more

Status Cut Scores: Mathematics

There are two sets of Status Cut Scores for the mathematics:

- High Schools and High School Districts
- Elementary, Middle, and K-12 Schools, and Unified Districts

Status Level	Status Cut Scores High Schools and High School Districts	Status Cut Scores Elementary, Middle, K-12 and Unified Districts
Very Low	-115.1 points or lower	-95.1 points or lower
Low	-60.1 to -115 points	-25.1 to -95 points
Medium	-0.1 to -60 points	-25 to less than zero.
High	0 points to 24.9 points	0 to 34.9 points
Very High	25 points or higher	35 points or higher

Change Cut Scores: Mathematics

The Change Cut Scores are the same for all LEAs, schools, and student groups.

Change Level	Change Cut Scores For All Schools and Districts
Declined Significantly	Declined 15.1 points or more
Declined	Declined 3 points to 15 points
Maintained	Declined by 2.9 or increased by 2.9 points
Increased	Increased by 3 points to 14.9 points
Increased Significantly	Increased by 15 or more points

Academic Indicator Five-by-Five Grid

- Separate five-by-five colored tables will be used to calculate performance for:
 - Elementary, middle, and K-12 schools and unified school districts
 - High schools and high school districts

Reporting Academic Indicator for Unified School Districts and K-12 Schools

- **For unified school districts and K-12 schools**, the grade 11 results will be combined with the grades 3–8 results, to produce the Academic Indicator.
 - Note: Cut scores for grades 3–8 are applied to the combined results (grades 3 – 8 and grade 11) to determine the performance level (color) for the district and K-12 school.

Common Questions about Academic Indicator: Cut Scores

Q: If a high school district serves students in grades 7–8, which cut scores will apply for the district’s Academic Indicator?

A: High school cut scores will be applied to the combined results (grades 7–8 and grade 11) to determine the performance level (color) based on their high school district type.

Common Questions about Academic Indicator: Unified School District

Q: Will results for both grade 11 and grades 3–8 be factored into the Dashboard for a unified school district?

A: Yes. All grade results will be used. However, the cut scores for grades 3–8 will be applied to the combined results (grades 3–8 and grade 11) to determine the performance level (color) for the unified school district.

Common Questions about Academic Indicator: California Alternate Assessments (CAAs)

Q: Will CAA results be included in the Academic Indicator?

A: Not at this time. Only results from the Smarter Balanced Summative Assessments are used to determine the Status, Change, and performance level for the Academic Indicator. However, the detailed reports provide the percentage of students scoring at each level on the CAA.

Incorporation of Participation Rate in Academic Indicator

Participation Rate

- The Every Students Succeed Act (ESSA) requires states to test at least 95 percent of all students and student groups in ELA and mathematics. It also requires states to factor the participation rate into the Academic Indicator
- As approved in California's ESSA State Plan, beginning with the 2018 Dashboard, participation rates will be factored in reporting of the Academic Indicator.

Which Students are Included in the Participation Rate Calculation

- All students who are enrolled at the school during the testing window are required to be tested, with the following exceptions:
 - Students who transfer out of the school during first grace period
 - Students who transfer into the school during second grace period.

Exceptions to Participation Rate Requirement

- The following students are automatically removed from the participation rate calculations:
 - Students flagged with “Medical Emergency” condition code (unless they log onto both parts of the test)
 - English learners new to the country (enrolled in a U.S. school for less than one year) are exempt from taking the ELA portion of the Smarter Balanced Summative Assessments
- Parent waivers do not exempt students from the participation rate calculations

Grace Periods

- Two 14-day grace periods are applied within a testing window: one at the beginning of the testing window and one at the end. The 14-day grace periods:
 - Start when the first student logs on to an assessment
 - Are "calendar days," meaning that weekends and holidays are included in the count.
- These grace periods were developed to hold schools harmless when there is inadequate time to administer the assessments.

Grace Period Example

- Baljeet is a student at Jefferson City High who exits during the first grace period of the testing window (i.e., during the first 14 days of testing) and never enrolls at another school. Baljeet did not take any of the Smarter Balanced Summative Assessments.
- Due to the grace period applied at the beginning of testing, Baljeet will **not** be included in the school's participation rate (neither in the denominator nor the numerator).

Grace Period: Polling Question Scenario

- Jorge takes the ELA computer adaptive test (CAT) and Performance Task (PT) at Solar Middle School
- Jorge transfers to Mars Middle school during the testing window, before the second 14–day grace period, but does not take the mathematic assessments.

Polling Question

In which school's participation rate is Jorge included?

- A. Solar Middle School
- B. Mars Middle School
- C. Both Solar and Mars Middle Schools

Answer

- The answer is “C”—Jorge is included in the participation rate at **both Solar and Mars Middle Schools**:
 - For **Solar**, included in participation rate for **ELA** because he completed the ELA CAT and PT there.
 - Will be counted in both numerator and denominator
 - For **Mars**, included in participation rate for **mathematics** because school responsible for testing him.
 - Will be counted as a non-participant (denominator but not numerator).

Impact of Participation Rate

- If an LEA, school, or student group does not meet the 95 percent participation rate target, the percent of students needed to bring it to 95 percent will be factored into the Academic Indicator results.
- Students who take the California Alternate Assessments (CAAs) are included in the participation rate calculation.

Participation Rate Methodology

1. Calculate the number of percentage points that the school, LEA, or student group falls short of the 95% participation target.
2. For each of these percentage points, reduce the DFS by **0.25 points**. The reduction of DFS will vary at the districtwide, schoolwide, and student group levels

Participation Rate: Example

- Solar Middle School has the following schoolwide data for math:
 - DFS = +18.9
 - Participation rate: 79% (**16 points** short of 95% target)
- Multiply the participation rate shortage by 1/4:
16 X 0.25 = 4 points
- Reduce the schoolwide DFS by 4 points:
18.9 – 4 = +14.9 adjusted DFS

Participation Rate Data: Silicon Valley High School District

Student Group	ELA DFS	ELA Participation Rate
All Students	+12	96%
African American	+15	94%
White	+18	89%
Hispanic	- 14	96%
Foster Youth	- 18	71%
Asian	+11	97%

Student Groups Not Meeting the Participation Rate

- There are three student groups that did not meet the participation rate target of 95% at Silicon Valley High School District.
 - African American (94%)
 - White (89%)
 - Foster Youth (71%)
- All three student groups will have their DFS reduced.

Polling Question: DFS Student Group Adjustment:

What is the adjusted DFS for the Foster Youth student group, which had a participation rate of 71%?

- A. 4 points
- B. 6 points
- C. 12 points
- D. 24 points

Answer to Foster Youth DFS Adjustment

- The answer is “B”. The calculation for the adjustment is below:
 - First, find the number of percentage points that the Foster Youth student group fell short of the 95% target:
 - $95 - 71 = 24$
 - Second, multiply that number by .25:
 - $24 \times .25 = 6$
 - A total of **6** points will be deducted from the DFS for Foster Youth:
 - -18 (reported DFS) $- 6 =$ **-24 adjusted DFS**

Common Questions about Participation Rate: Reporting Participation Rate

Q: Will the participation rates be reported on the Dashboard?

A: No. They will be available in a new participation rate report on the CDE California Accountability Model & School Dashboard web page at <https://www.cde.ca.gov/ta/ac/cm/>. The participation rates, including the reduction made to the DFS based on the participation rates, will be available in the downloadable data files that are also available on the same web page (under Data Files and Guide tab).

Common Questions about Participation Rate: CAAs

Q: Since results from the CAAs are not included in the Academic Indicator, does participation in the CAAs matter for accountability?

A: Yes. The 95 percent participation rate applies to both tests. If less than 95 percent of the students eligible to take the CAAs do not participate, a deduction will be applied to the DFS.

Pair and Share

- ESSA requires all schools to receive an Academic Indicator, including schools that serve grade levels that are not administered the ELA and mathematics assessments.
- As a result, all schools that serve Kindergarten, Grade 1, and/or Grade 2 only (non-testing grades) will receive a performance level (color) through a process called “Pair and Share.”

How is Pair and Share Calculated?

- Schools are assigned grade three results based on following rules:
 - For schools serving Kindergarten and/or Grade 1 only, the school is assigned the district's grade 3 DFS results
 - For schools serving Grade 2, DFS based on Grade 3 DFS results for the school(s) to which Grade 2 students matriculate
 - Participation rate is not factored into the Grade 3 DFS

What Data Will Be Reported on the Dashboard for Pair and Share Schools?

- Pair and Share schools that serve **fewer than 11 students** in their highest grade will **not receive an Academic Indicator**.
- Pair and Share schools with **11 to 29 students** in their highest grade will receive **Status and Change data** but not a performance level (color).
- Pair and Share schools with **at least 30 students** in their highest grade will receive **Status and Change**, as well as a **performance level (color)**.

Common Questions about Pair and Share

Q: Does Pair and Share apply to any other state indicators?

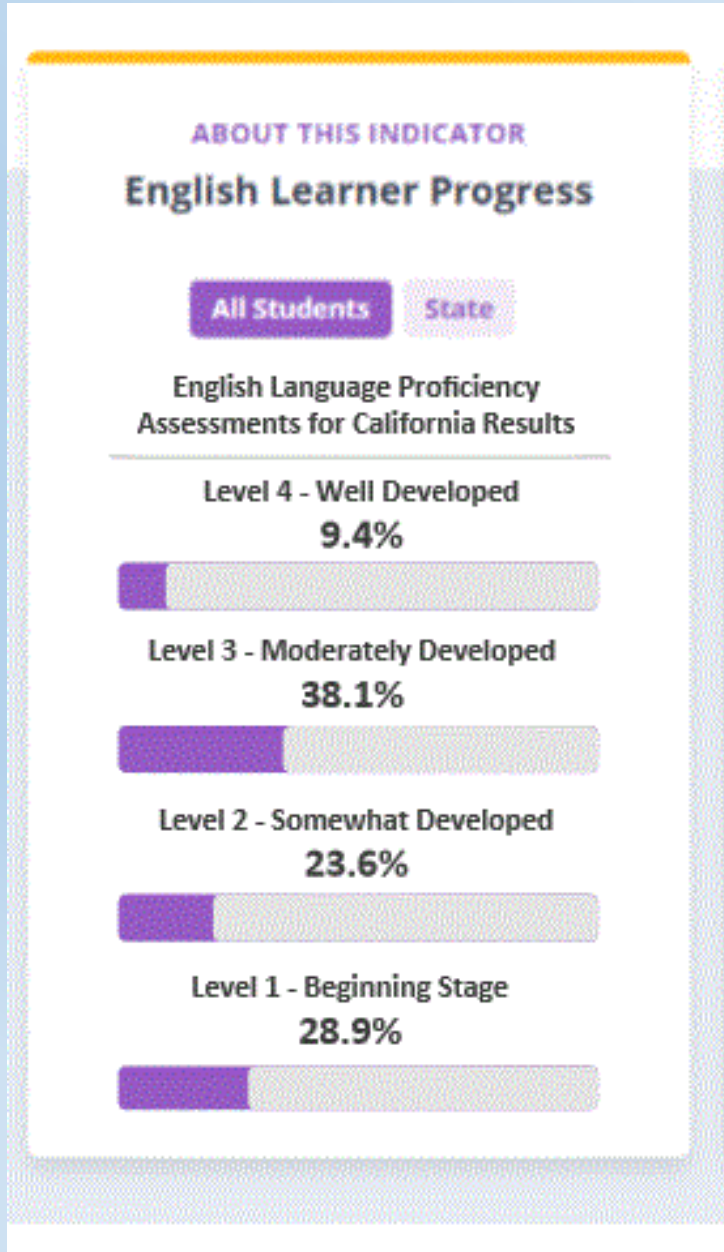
A: No. The ESSA Pair and Share requirement only applies to the Academic Indicator. The data for the other state indicators are based on these schools' own data.

English Learner Progress Indicator

English Learner Progress Indicator (ELPI)

- Due to the transition to the English Language Proficiency Assessments for California (ELPAC), the Dashboard will report the percentage of students in each performance level on the ELPAC.
- Status and Change and performance color will be reported in the 2020 Dashboard.

How ELPAC Data Will be Displayed on the 2018 Dashboard



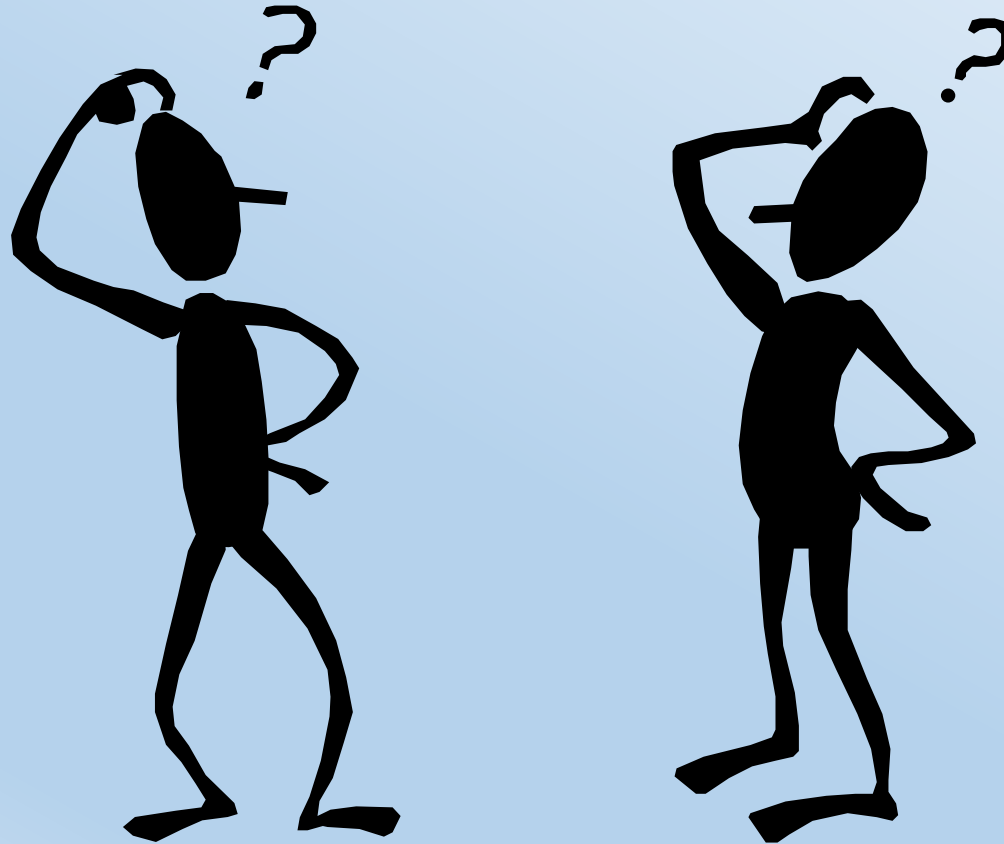
This image on the left is an example that provides an option for displaying data for the English Learner Progress Indicator. The All Students tab is highlighted and the four levels for the English Language Proficiency Assessments for California (ELPAC) are listed below:

- Level 4 – Well Developed 9.4%
- Level 3 – Moderately Developed 38.1%
- Level 2 – Somewhat Developed 23.6%
- Level 1 – Beginning Stage 28.9%

Resources

- Dashboard Technical Guide:
 - *Private Preview Version* was sent to Dashboard and Secure Accountability Coordinators to download.
 - *Final Version* will be posted on the CDE California Accountability Model & School Dashboard Web page at <https://www.cde.ca.gov/ta/ac/cm/> before the public release during the week of December 3.
 - View “*Key Changes to the Dashboard: What’s New*” section at the beginning of the guide.

Questions



Contact Information

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Upcoming Local Indicators Webinars

LASSO will host two webinars on Tuesday, November 27, 2018 and December 4, 2018 at 2 p.m.

November 27, 2018 at 2 p.m.

- Comprehensive Support and Improvement
- Local Control and Accountability Plan Summary Changes
- Local Control Funding Formula Budget Overview for Parents

December 04, 2018 at 2 p.m.

- School Plan for Student Achievement Template