CCRPI Improvement Targets

Introduction for Principals

February 8, 2018

Agenda

- Overview of ESSA, the Redesigned CCRPI, and Improvement Targets

- Target Overview

- Content Mastery Indicators and Achievement Targets

- Closing Gaps

- English Learner Progress Toward English Language Proficiency Indicator and Targets

- Graduation Rate Indicators and Targets

Overview of ESSA, the Redesigned CCRPI, and Improvement Targets

ESSA Overview

- ESEA, followed by NCLB, and now ESSA, is the main federal law governing public education

- ESSA created an opportunity for Georgia
  - to reflect on several years of CCRPI implementation
  - to revise CCRPI to expand upon its successes and address its shortcomings

- Georgia's ESSA plan is a stakeholder-driven plan developed for Georgians, by Georgians
  - Stakeholder feedback sessions, social media outreach, email feedback, surveys, meetings
  - State Advisory Committee
  - Six working committees

ESSA Overview

- Georgia's draft ESSA plan (including the Redesigned CCRPI) was posted in June 2017 for a 30-day public comment period

- Working committees reviewed feedback and recommended changes

- Georgia's revised draft ESSA plan was submitted to Governor Nathan Deal in August 2017 for a 30-day review period

- Georgia's final ESSA plan was submitted to the U.S. Department of Education on September 18, 2017

- Georgia received interim feedback from USED on December 14, 2017

- Georgia's revised final ESSA plan was resubmitted to USED in January 2018

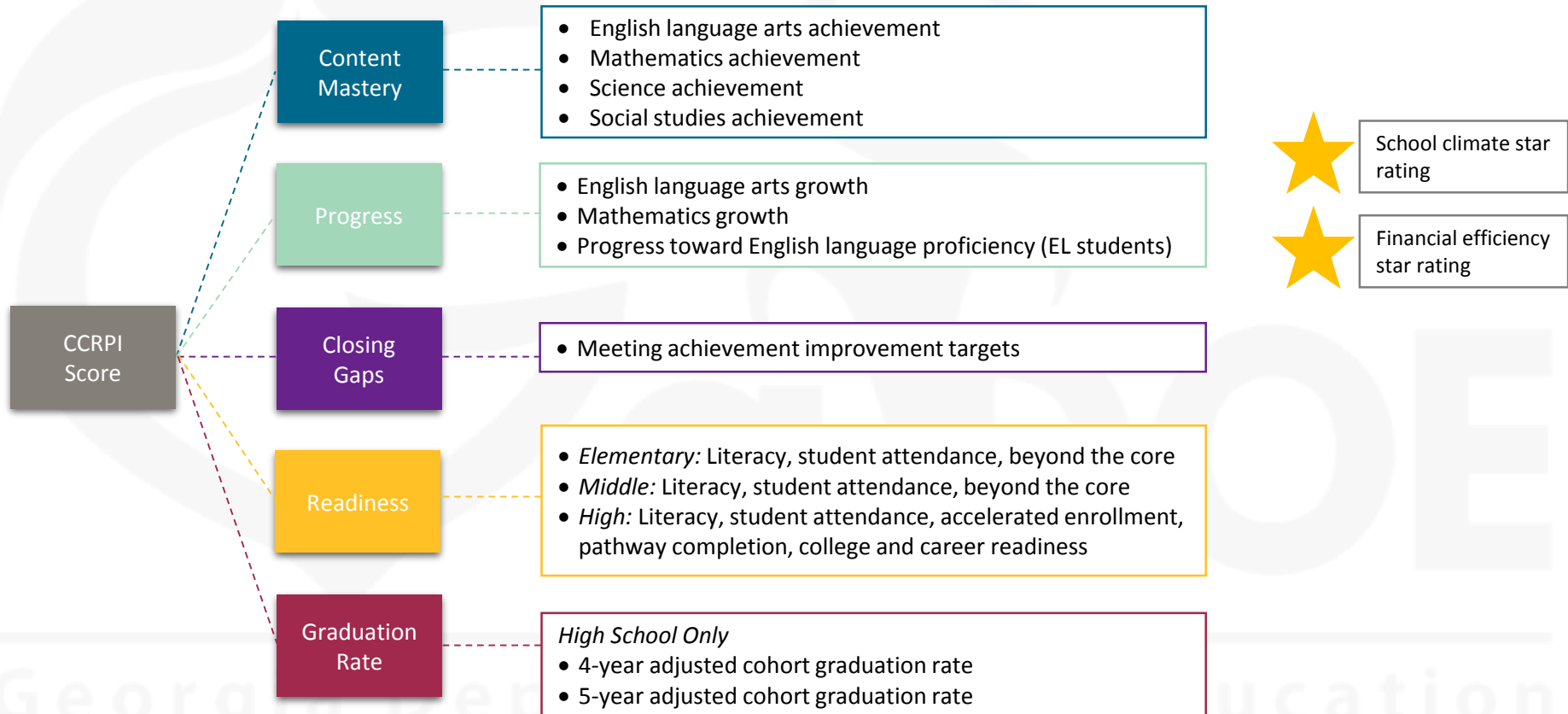- Georgia's ESSA plan was approved by USED on January 19, 2018

Role of the Redesigned CCRPI

- The redesigned CCRPI is simplified, streamlined, and reflects statewide stakeholder feedback and the recommendations of the Accountability Working Committee.

- Accountability should play a supporting role in assisting our state to reach its mission of offering a holistic education to every child and preparing them for college, career, and life.

- Accountability should not be the driving force behind decisions about educating children.

- The purpose of CCRPI is to provide an objective measure of the extent to which schools, districts, and the state are succeeding in providing high-quality opportunities and outcomes for students that can be used for communication and continuous improvement.

Redesigned CCRPI

CCRPI Score

Content Mastery
- English language arts achievement
- Mathematics achievement
- Science achievement
- Social studies achievement

Progress
- English language arts growth
- Mathematics growth
- Progress toward English language proficiency (EL students)

Closing Gaps
- Meeting achievement improvement targets

Readiness
- *Elementary:* Literacy, student attendance, beyond the core
- *Middle:* Literacy, student attendance, beyond the core
- *High:* Literacy, student attendance, accelerated enrollment, pathway completion, college and career readiness

Graduation Rate
High School Only
- 4-year adjusted cohort graduation rate
- 5-year adjusted cohort graduation rate

⭐ School climate star rating

⭐ Financial efficiency star rating

Improvement Targets

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- The Redesigned CCRPI will utilize a new target structure in which improvement or maintenance of high achievement levels is expected of all schools and all subgroups.
  - The goal of this new target structure is to incentivize continuous, sustainable improvement.
- Annual targets have been set for each school and district for all students and for all accountability subgroups, ensuring that the school's or district's starting point is taken into consideration.
- CCRPI improvement targets are defined as 3% of the gap between a baseline and 100%:
  - $Improvement\ Target = (100 - baseline_{2017}) * 0.03$

Improvement Targets

- Each year, schools will be expected to meet the improvement target based on the prior year's performance.
  - The improvement target is an expected gain and not an absolute number; thus, it allows schools to start fresh each year and encourages schools to continue to focus on improvement.

- Improvement targets have been calculated using 2017 data as the baseline for
  - academic achievement rates in English language arts, mathematics, science, and social studies (participation rate adjustments applied);
  - four- and five-year adjusted cohort graduation rates; and
  - the English Learner (EL) progress toward English language proficiency indicator.

Improvement Targets

- A system of improvement flags will be used to indicate the extent to which targets are met:
  - Green will indicate that the target was met
  - Yellow will indicate that improvement was made but the target was not met
  - Red will indicate that no improvement was made

- Once a performance rate of 90% has been attained, the target will be to remain at or above that level of performance; this is referred to as the maintenance level.

- Targets will be reset every 5 years. The next reset will use the 2022 data as the baseline.

Redesigned CCRPI as approved in Georgia's ESSA Plan by USED on January 19, 2018.

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Target Overview

Target Overview

- Targets are based on 2017 school lists; adjustments may be necessary to account for 2018 school lists (mergers, closings, etc.)

- Targets are calculated for each grade band (schools and districts)

- Achievement – up to 40 targets per school/district (4 content areas x 10 subgroups) – these generate flags which are used for Closing Gaps

- English Learner Progress toward English Language Proficiency – one target per school/district – used for reporting and informational purposes only

- Graduation Rate – High schools only – used for reporting and informational purposes only
  - Up to ten 4-year graduation rate targets per school/district (one for all students and each subgroup)
  - Up to ten 5-year graduation rate targets per school/district (one for all students and each subgroup)

Target Overview

- Target files are available to District Assessment Directors

- 3 files – Achievement targets, English Learner Progress toward English Language Proficiency targets, and Graduation Rate targets

- Each district will disseminate the targets to individual schools in the district

- Questions regarding availability of target files should be directed to district leaders

Content Mastery Indicators and Achievement Targets

Content Mastery

Content Mastery	Progress	Closing Gaps	Readiness	Graduation Rate

- Achievement scores in English language arts, mathematics, science, and social studies
  - Utilize weights based on achievement level to incentivize moving all students to the next level:
    - Beginning Learners = 0 points
    - Developing Learners = 0.5 points
    - Proficient Learners = 1.0 point
    - Distinguished Learners = 1.5 points

- If the participation rate for all students or a subgroup of students falls below 95%, the achievement score for that group of students will be multiplied by the actual participation rate divided by 95%.

95% Assessment Participation Requirement

If the participation rate for all students or a subgroup of students falls below 95%:

$$Achievement\ Score \times \frac{Participation\ Rate}{95\%} = Adjusted\ Achievement\ Score$$

Content Mastery Example

ELA

Participation Rate = 98%			
Beginning	18%	x 0 =	0
Developing	26%	x .5 =	13
Proficient	44%	x 1 =	44
Distinguished	12%	x 1.5 =	18
ELA Achievement Score =			75

Mathematics

Participation Rate = 97%			
Beginning	11%	x 0 =	0
Developing	18%	x .5 =	9
Proficient	47%	x 1 =	47
Distinguished	24%	x 1.5 =	36
Mathematics Achievement Score =			92

Science

Participation Rate = 95%			
Beginning	4%	x 0 =	0
Developing	14%	x .5 =	7
Proficient	46%	x 1 =	46
Distinguished	36%	x 1.5 =	54
Science Achievement Score =			107 *

Reported as 100

Social Studies

Participation Rate = 92%			
Beginning	20%	x 0 =	0
Developing	32%	x .5 =	16
Proficient	42%	x 1 =	42
Distinguished	6%	x 1.5 =	9
Social Studies Achievement Score =			67

Participation Rate Adjustment:

$67 \times (92/95) = 64.9$

Achievement Targets

- Achievement targets are calculated for English language arts, mathematics, science, and social studies

- Targets are based on the achievement rates calculated for the Content Mastery component of CCRPI

- Achievement targets will be utilized for the Closing Gaps components of CCRPI
  - In addition to the 3% targets, 6% targets for achievement rates have been calculated for Economically Disadvantaged (ED), English Learner (EL), and Students with Disabilities (SWD) subgroups
  - These subgroups can earn extra points in Closing Gaps for meeting the 6% target. The maintenance level for these targets is 95%.

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Achievement Targets

Target Calculation

$$Improvement\ Target = (100 - baseline_{2017}) * 0.03$$

- If the 2017 achievement rate = 64.9

- Then the improvement target is

    (100 – 64.9) x .03 = 1.05

- The improvement expected each year is 1.05

Achievement Targets

Example

Students With Disability

Baseline$_{2017}$	42.8	
Improvement Target (3%)	$(100 - 42.8) \times .03 = \boxed{1.72}$	$42.8 + 1.72 = 44.52$
Improvement Target (6%)	$(100 - 42.8) \times .06 = 3.43$	$42.8 + 3.43 = 46.23$

If the 2018 score is:	the subgroup:	and the flag will be:
≤ 42.8	did not improve	
> 42.8 but < 44.52	improved but did not meet the 3% target	
≥ 44.52 but < 46.23	met the 3% target	
≥ 46.23	met the 6% target	

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Achievement Targets

Example

Subgroup	2017 Rate	Target Calc	3% Target	6% Target	2018 Rate	Flag
All Students	91.4	NA	Maintain 90 or Above	NA	89.2	🚩 (red)
Hispanic	67.7	(100-67.7)*.03	0.97	NA	69.0	🚩 (green)
White	54.1	(100-54.1)*.03	1.38	NA	54.8	🚩 (yellow)
ED	72.9	(100-72.9)*.03	0.81	1.63	72.9	🚩 (red)
EL	95.8	NA	Maintain 90 or Above	Maintain 95 or Above	92.7	🚩 (green)
SWD	83.2	(100-83.2)*.03	0.50	1.01	85.9	🚩 (green with star)

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Achievement Targets Questions

Closing Gaps

Closing Gaps

| Content Mastery | Progress | Closing Gaps | Readiness | Graduation Rate |
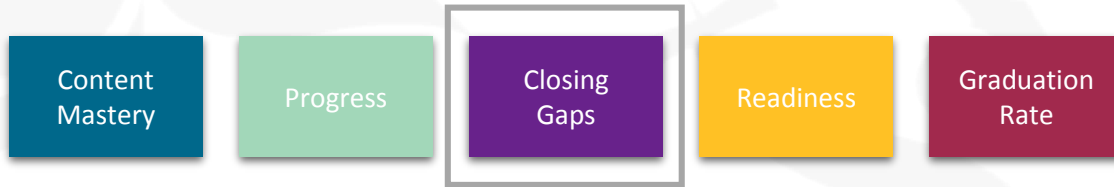
- Closing Gaps measures the extent to which all students and all subgroups of students are meeting annual improvement targets.

- For each achievement improvement target, 1 point is earned when the target is met (green flag), 0.5 points are earned when progress is made but the target is not met (yellow flag), and 0 points are earned when performance does not improve (red flag).

- ED, EL, and SWD subgroups can earn 1.5 points when a 6% improvement target is met.

- Only achievement targets are included in Closing Gaps.

Subgroup Performance:	Improvement Flag:	Closing Gaps Points:
Did not improve	🚩 (red)	0
Improved but did not meet the 3% target	🚩 (yellow)	0.5
Met the 3% target	🚩 (green)	1.0
Met the 6% target *Available for ED, EL, SWD subgroups	🚩 (green with star)	1.5

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Closing Gaps Example

	ELA	Mathematics	Science	Social Studies
All students	🟩 Green	🟩 Green	🟨 Yellow	🟥 Red
American Indian/Alaskan				
Asian/Pacific Islander				
Black	🟩 Green	🟨 Yellow	🟥 Red	🟩 Green
Hispanic	🟨 Yellow	🟥 Red	🟩 Green	🟩 Green
Multi-Racial				
White	🟩 Green	🟨 Yellow	🟩 Green	🟥 Red
Economically Disadvantaged	🟨 Yellow	🟥 Red	🟩 Green	🟨 Yellow
English Learners	🟥 Red	🟩 Green	🟨 Yellow	🟩 Green ⭐
Students With Disability	🟩 Green	🟩 Green ⭐	🟩 Green ⭐	🟥 Red

Flag Count				
Red	7	x 0 =	0	
Yellow	7	x .5 =	3.5	
Green	11	x 1 =	11	
Green (6%)	3	x 1.5 =	4.5	
	28		19	

Closing Gaps = (19 / 28) x 100 = **67.9**

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Closing Gaps Questions

English Learner Progress Toward English Language Proficiency Indicator and Targets

Progress

| Content Mastery | Progress | Closing Gaps | Readiness | Graduation Rate |

- Progress scores in English language arts, mathematics, and progress toward English language proficiency (EL students)
  - Utilize weights based on level of growth to incentivize moving all students to the next level

ELA and Mathematics SGPs

SGP Range	Point Value
1-29	0
30-40	.5
41-65	1
66-99	1.5

EL Progress toward Proficiency – ACCESS for ELLs

Performance Band Movement	Point Value
No positive movement	0
Moved less than one band	.5
Moved one band	1
Moved more than one band	1.5

EL Progress toward English Language Proficiency

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- Progress toward English language proficiency is measured by EL (English Learners) students moving from one state-defined Performance Band to a higher Performance Band on the ACCESS for ELLs

- Points are earned according to the amount of movement made

Performance Band Movement	Point Value
No positive movement	0
Moved less than one band	.5
Moved one band	1
Moved more than one band	1.5

EL Progress Toward ELP

ACCESS Performance Band	ACCESS Composite Score
1	1.0-2.1
2	2.2-2.8
3	2.9-3.1
4	3.2-3.4
5	3.5-3.7
6	3.8-4.0
7	4.1-4.2
8	4.3+

Student Example

Stu-dent	2017 C.S.	2017 P.B.	2018 C.S.	2018 P.B.	Points
A	2.5	2	2.4	2	0
B	2.5	2	2.7	2	0.5
C	2.5	2	3.0	3	1
D	2.5	2	3.3	4	1.5

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EL Progress Toward ELP Example

Progress Toward ELP

No positive movement	10%	x 0 =	0
Moved less than one band	22%	x .5 =	11
Moved one band	50%	x 1 =	50
Moved more than one band	18%	x 1.5 =	27
		Progress Toward ELP Score =	88

EL Progress Toward ELP Targets

- Targets are calculated for EL progress toward English language proficiency

- Targets are based on the Progress Toward ELP indicator calculated for the Progress component of CCRPI

- Each school/district will receive one EL progress toward ELP target per grade band

- EL progress toward ELP targets are for informational and reporting purposes only – they are not used in Closing Gaps/CCRPI calculations

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Progress Toward ELP Targets

Target Calculation

$$Improvement\ Target = (100 - baseline_{2017}) * 0.03$$

- If the 2017 Progress Toward ELP rate = 88.0

- Then the improvement target is

    (100 – 88.0) x .03 = 0.36

- The improvement expected each year is 0.36

Progress Toward ELP Targets

Example

School	2017 Rate	Target Calc	3% Target	2018 Rate	Flag
A	92.4	NA	Maintain 90 or Above	89.2	🚩 (red)
B	35.6	(100-35.6)*.03	1.93	38.8	🚩 (green)
C	73.8	(100-73.8)*.03	0.79	74.1	🚩 (yellow)
D	59.3	(100-59.3)*.03	1.22	59.1	🚩 (red)
E	95.4	NA	Maintain 90 or Above	93.8	🚩 (green)
F	88.2	(100-88.2)*.03	0.35	88.9	🚩 (green)

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English Learner Progress Toward ELP Targets Questions

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Graduation Rate Indicators and Targets

Graduation Rate

Content Mastery	Progress	Closing Gaps	Readiness	Graduation Rate

- High schools only

- Includes both the four-year and five-year adjusted cohort graduation rate

- Emphasizes graduating in four years while placing value on continuing to work with and graduate students who need more time

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Georgia Department of Education

Graduation Rate Targets

- Targets are calculated for both the four- and five-year adjusted cohort graduation rates

- Targets are based on the graduation rates calculated for the Graduation Rate component of CCRPI – high schools only

- School/district subgroups without a graduation rate will not receive a graduation rate target

- Graduation rate targets are for informational and reporting purposes only – they are not used in Closing Gaps/CCRPI calculations

Graduation Rate Targets

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Target Calculation

$$Improvement\ Target = (100 - baseline_{2017}) * 0.03$$

- If the 2017 graduation rate = 85.0

- Then the improvement target is

    (100 – 85.0) x .03 = 0.45

- The improvement expected each year is 0.45

Graduation Rate Targets

Example

School	2017 Rate	Target Calc	3% Target	2018 Rate	Flag
A	94.5	NA	Maintain 90 or Above	88.9	🟥
B	46.6	(100-46.6)*.03	1.60	48.2	🟩
C	63.5	(100-63.5)*.03	1.10	63.8	🟨
D	82.7	(100-82.7)*.03	0.52	82.7	🟥
E	92.6	NA	Maintain 90 or Above	91.5	🟩
F	88.3	(100-88.3)*.03	0.35	90.2	🟩

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Graduation Rate Targets Questions

Additional Details

- Annual improvement targets are an expected gain and not an absolute number.
  - The extent to which targets are met will be based on the current year's improvement over the previous year's rate
- Targets will be reset every 5 years; 2022 will be the next baseline.
- Subgroups with an N size less than 15 will not receive a target or flag.
- Subgroups must have 1 year of data to generate a target and 2 years of consecutive data to generate a flag.
- Finalized targets will be submitted to USED and posted publicly in the coming weeks.

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