



STAR Framework

Four-Year Adjusted Cohort Graduation
Rate & Alternate Graduation Metrics

June 16, 2017



Goals of Our Discussion

OSSE seeks to accomplish the following goals:

- Thoughtful, **productive conversation** about STAR Framework and its calculations
- Share our **philosophy** and approach to the following metrics and how we developed the **business rules**:
 - Four-Year Adjusted Cohort Graduation Rate (ACGR)
 - Alternate Graduation Metric
- Gather your **feedback** about pending decision points concerning the STAR Framework and its metrics.



Opportunities for Feedback and Questions

Your continued feedback is critical throughout this process, so OSSE is providing two mechanisms to provide your thoughts:

- **Attend in-person** accountability system meetings on the following dates:
 - ~~June 14~~
 - **June 16**
 - June 19
 - June 23
 - June 29
 - July 12
 - July 14
 - July 17
 - July 21
 - July 24
 - July 27
- **Email** your feedback or questions regarding each session to OSSE.ESSA@dc.gov within three business days

Feedback for today's session is due by **COB June 21**. OSSE will provide a summary of feedback received on today's session by **June 23**.



Agenda

- **Overview of the STAR framework**
 - Timeline
 - Principles and core beliefs
 - Domains and metrics
 - Framework weights
- **Metric Deep Dive**
 - Four-Year ACGR
 - Alternate Graduation metric
- **Identify questions and next steps**



Overview of STAR Framework



Timeline

- **June 14 to August 1-** STAR Framework LEA Meetings and feedback:
 - LEA's provide feedback regarding the information discussed today by **June 21**
 - OSSE will provide a summary of feedback received on today's session by **June 23**
 - Next four Accountability System meetings and topics

June 19	12 – 3 p.m.	806	Median Growth Percentile
			Growth to Proficiency
June 23	1:30 – 3:30 p.m.	806	Accountability for Schools without Frameworks
			Impact of Grades Served on STAR Rating
June 29	2 – 4 p.m.	806	Alternative Accountability Framework Preview
			Secondary Schools Serving Adult Students
July 12	1 – 4 p.m.	Grand Hall	Economically Disadvantaged Students
			3-Year Accountability Designation
			Understanding Floors and Targets

- **Fall 2017-** OSSE will conduct an *informational dry run* of the accountability system and provide LEA's with preliminary STAR ratings for SY 2016-17
- **Fall 2018-** STAR Framework fully implemented for SY 2017-18

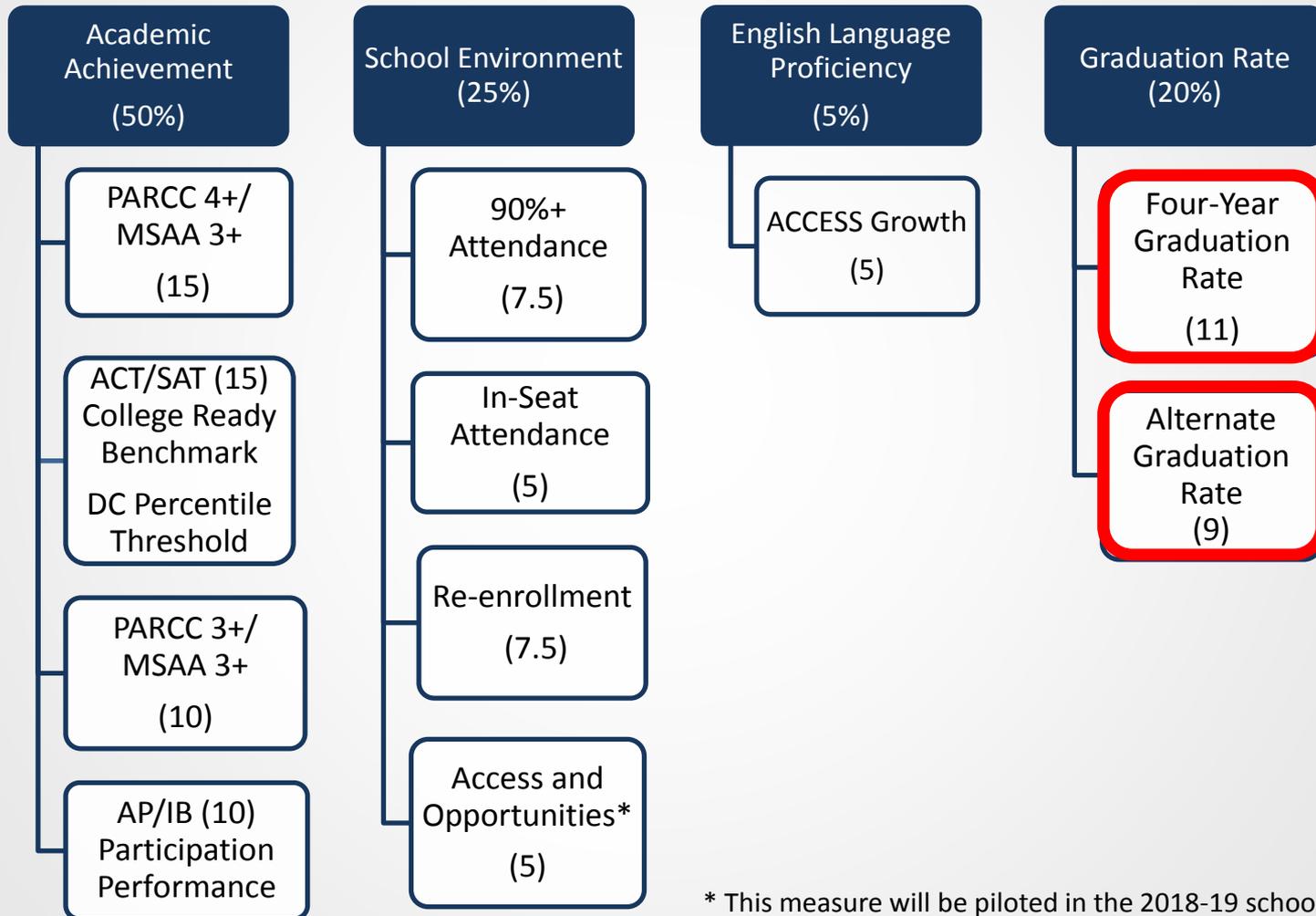


Domains and Metrics

Domain	Metric
Academic Achievement	<ul style="list-style-type: none">• PARCC 4+/MSAA 3+• PARCC 3+/MSAA 3+• SAT & ACT Performance• AP & IB Participation• AP & IB Performance
Academic Growth	<ul style="list-style-type: none">• Norm-Referenced Growth Measure: Median Growth Percentile• Criterion-Referenced Growth Measure: Growth to Proficiency
Graduation Rate	<ul style="list-style-type: none">• Four-Year ACGR• Alternate Graduation Metric
School Environment	<ul style="list-style-type: none">• Addressing Chronic Absenteeism: Best of 90+ Attendance or Growth• In-Seat Attendance• Re-Enrollment• CLASS (pre-K only)• Access and Opportunity
English Language Proficiency	<ul style="list-style-type: none">• ACCESS Growth



Framework Weights: High Schools



* This measure will be piloted in the 2018-19 school year, and used in the STAR rating for the 2019-20 school year.



Metric Deep Dive: Four-Year ACGR



Four-Year ACGR: Overview

- ACGR is an initiative of the U.S. Department of Education that began in 2010-11 school year as an effort to capture graduation outcomes for all high school students in the U.S.
- All students attending a diploma-granting public or public charter school in the U.S. are assigned to a single ninth grade cohort year.
- DC public and public charter schools are responsible for tracking the educational trajectories and outcomes of ALL students who ever enroll in a DC public or public charter school at any point during their high school career.



Four-Year ACGR: Calculation

Number of students from the Adjusted Cohort who Graduated as of August of the STAR Framework Year with a Regular Diploma

Number of students from the Adjusted Cohort

- Adjusted Cohort excludes students with validated exits
- Adjusted Cohort includes students whose first ninth grade year is three years prior to the STAR Framework Year

Example: The number of students from the 2014-15 adjusted cohort who graduated from high school with a regular diploma in the 2017-18 school year divided by the total number of students in the 2014-15 adjusted cohort



Four-Year ACGR: Definitions

- **Cohort Year:** The school year corresponding to a student's first ninth grade year
- **STAR Framework Year:** The school year of record for the STAR Rating
- **Validated Exit:** Complete exit of a student from the LEA SIS (including OSSE approval of associated required documentation consistent with the OSSE Exit Management protocol) for the following exit reasons ONLY:
 - Exited to home-schooling or a public, private, or online diploma-granting school in a different state
 - Exited to a school outside the United States
 - Exited to be home-schooled in DC
 - Exited to attend a private school in DC
 - Died or is permanently incapacitated



Four-Year ACGR: Inclusions

- Any student who has received a Stage 5 enrollment at any point during their ninth, tenth, eleventh, or twelfth grade year
- All high school-aged students (up to 22 years old) attending a diploma-granting high school who are designated as ungraded, adult, or alternative
- Special cases:
 - Court Involvement
 - Juvenile Holding Center
 - Adult and Alternative Education
 - Students With Disabilities

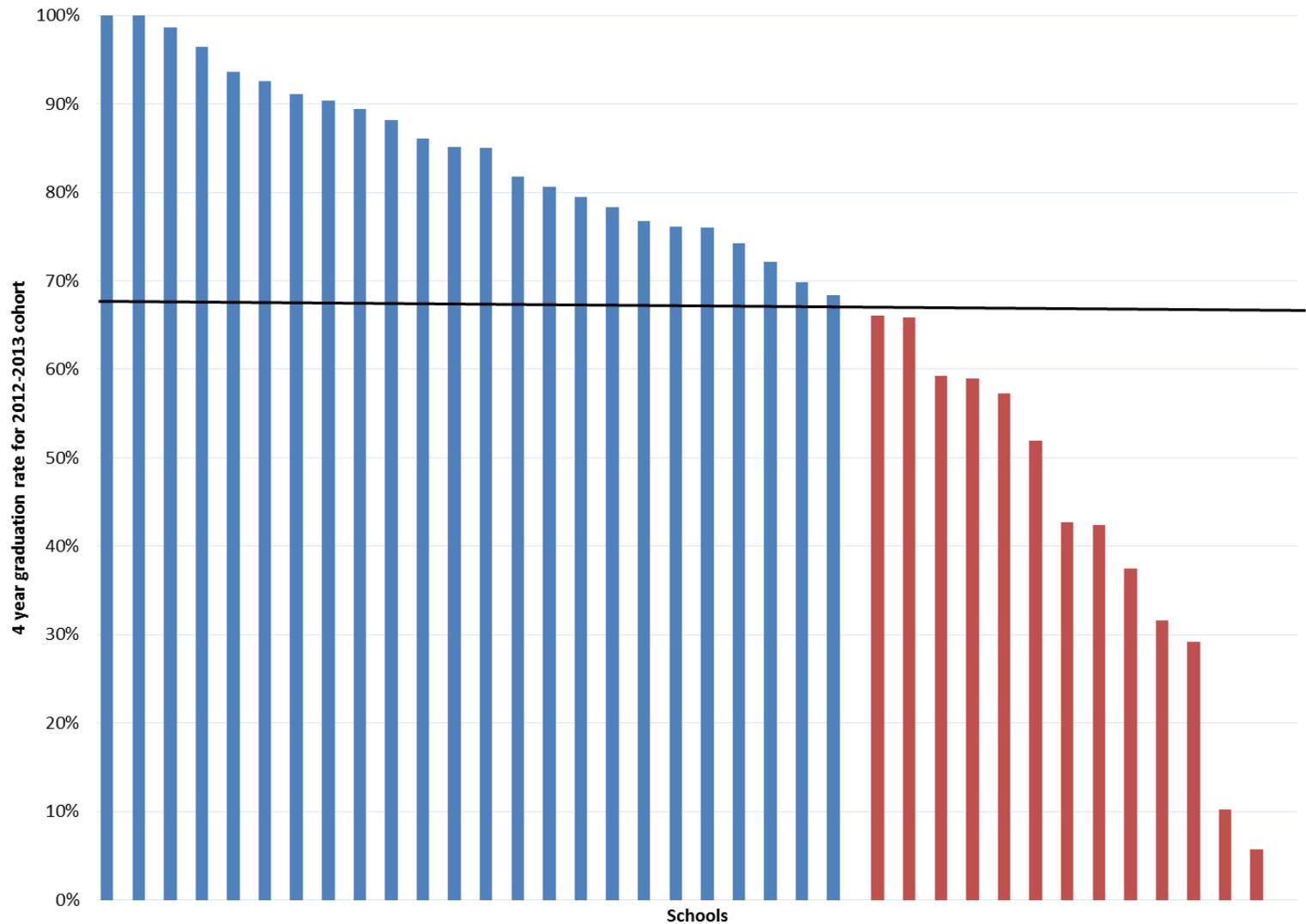


Four-Year ACGR: Exclusions

- Students who have only attended a non-diploma-granting school while age 14 to 22
- Students whose most recent enrollment is at DYRS
- CFSA students whose most recent enrollment is at a public school out-of-state
- Students who first enrolled in a DC public school or public charter school four years after their first ninth grade year
- Students who transferred to home-schooling in another state or the same state, enrolled in a school in another state, enrolled in a private school in the same state, moved to a foreign country, died or are permanently incapacitated, or are in the Missing Child Clearinghouse



Four-Year ACGR: DC Distribution





Floors and Targets: Hypothetical Example

Formula: Possible Points * $\frac{(ACGR - \text{Floor})}{(\text{Target} - \text{Floor})}$

Hypothetical:

Floor: 45%

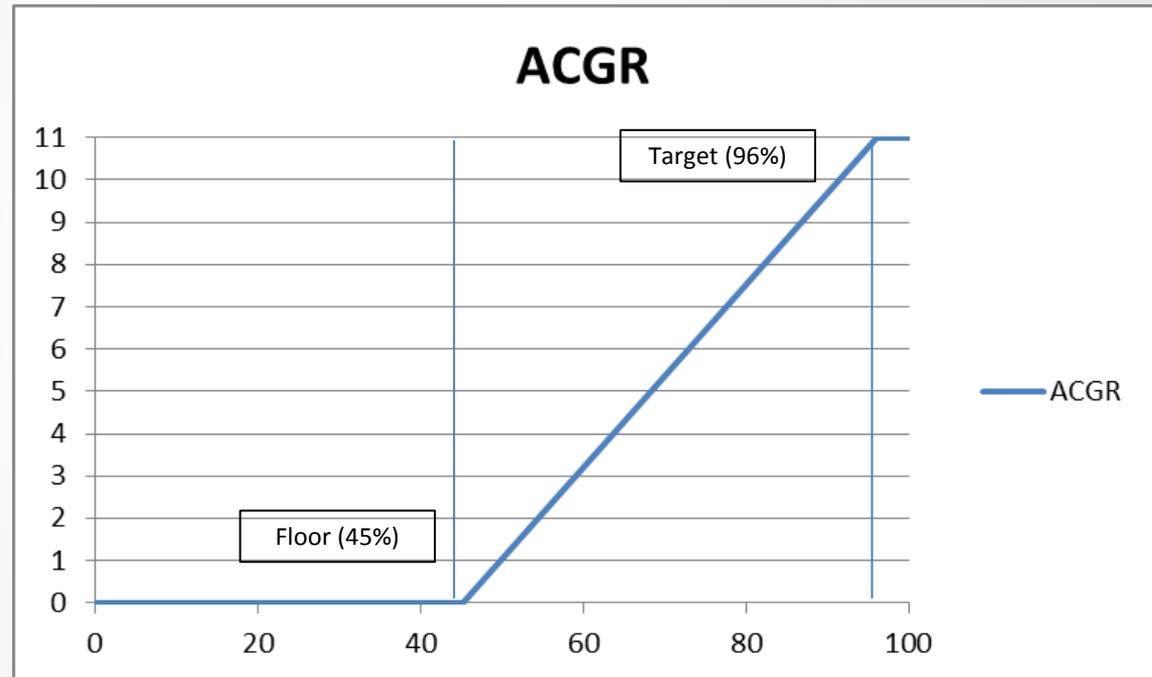
Target: 96%

School ACGR: 81%

$$11 \text{ points} * \frac{(81 - 45)}{(96 - 45)} =$$

$$11 \text{ points} * \frac{36}{51} =$$

$$11 \text{ points} * 0.71 = 7.76 \text{ points}$$





Metric Deep Dive:

Alternate Graduation Metric



Alternate Graduation Metric: Overview

- The goal of the alternate graduation metric is to recognize and reward schools that are successfully graduating off-track students
- Each year, about 12-15% of graduates are “off-track” (meaning they have taken longer than four years to graduate)
- This metric is in addition to the Four-Year Adjusted Cohort Graduation Rate



Alternate Grad Metric: Calculation

Number of students who Graduated as of
August of the STAR Framework Year with a Regular Diploma

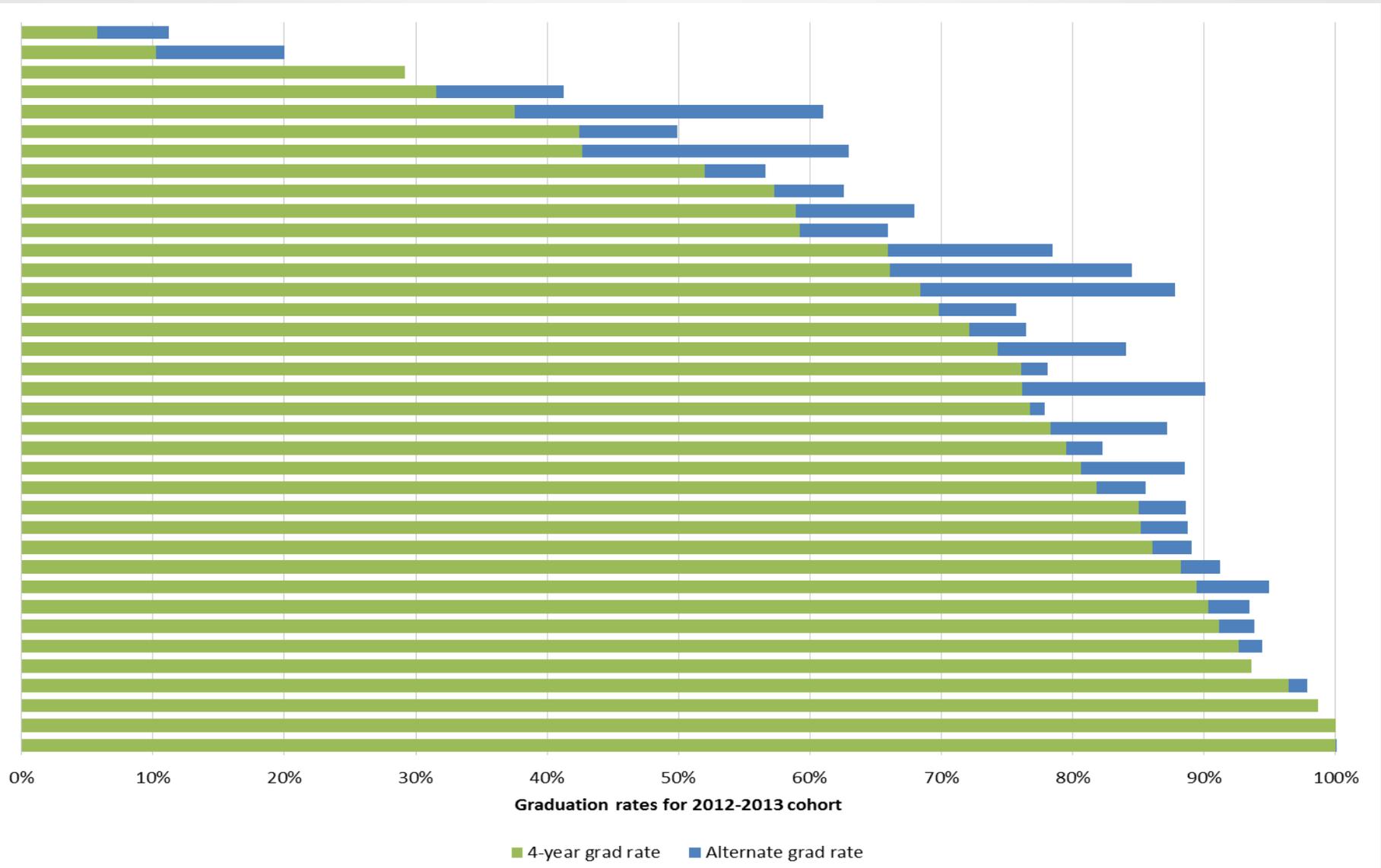
Number of students from the Adjusted Cohort

In contrast to ACGR, the Alternate Graduation metric accounts for all students who received a regular high school diploma that year, regardless of cohort, which could result in the calculated percentage exceeding 100%.

Example: The number of students from any adjusted cohort who graduated from high school with a regular diploma in the 2017-18 school year divided by the number of students in the 2014-15 adjusted cohort



Alternate Graduation: DC Distribution





Alt Grad: Hypothetical Point Calculation

To reward schools for graduating off-track students, the floor and target for the Alternate Graduation metric are the same as the floor and target for the ACRG metric.

Hypothetical:

Floor: 45%

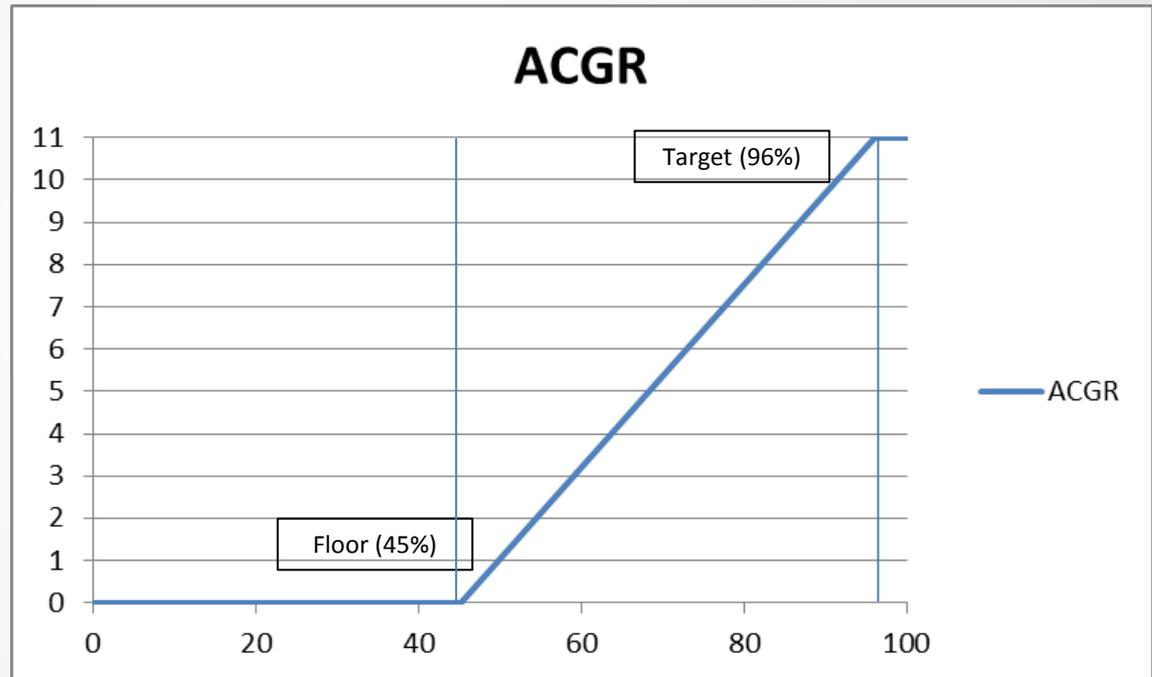
Target: 96%

School Alt Grad: 86%

$$9 \text{ points} * \frac{(86 - 45)}{(96 - 45)} =$$

$$9 \text{ points} * \frac{41}{51} =$$

$$9 \text{ points} * 0.80 = 8.84 \text{ points}$$





Alternate Graduation: 3-year Graduates

Students who graduate in 3 years will be counted in the Alternate Graduation metric the year in which they graduate; these students will be counted in the ACGR metric the following year, when they would have been expected to graduate.

Example: James Harris graduated in 3 years. The chart below illustrates when he is included in the respective metrics.

STAR Framework Year	2017-18	2018-19
ACGR metric		✓
Alt Grad metric	✓	



Q&A



Ways to Stay Engaged

- Send questions, concerns, additional feedback to OSSE.ESSA@dc.gov
- Prior materials and notes available on www.osse.dc.gov/essa