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TO: Members of the Maryland State Board of Education
FROM: Jack R. Smith, Ph.D. *GRS/CL*
DATE: March 22, 2016
SUBJECT: Assessment and Accountability Update: Graduation Assessment Requirements

PURPOSE:

To continue discussion from the February 23, 2016 Maryland State Board of Education meeting concerning the graduation assessment requirements for Algebra I and English 10.

BACKGROUND:

With the introduction of the PARCC Algebra I and English 10 tests, the State Board of Education will need to take action amending the assessment graduation requirements to include the PARCC Algebra I and English 10 tests replacing the retired High School Assessment (HSA) Algebra/Data Analysis and English 2 tests. As a first step, the State Board of Education took action requiring students to participate in the PARCC Algebra I and English 10 tests for the first two operational years (ending with the 2015-2016 school year). The State Board of Education now has to establish the requirements beyond the 2015-2016 school year.

To identify a starting point for proposed passing scores, the Maryland Assessment Research Center (MARC) conducted research identifying equivalent scores between the HSA and PARCC tests. During the February 23, 2016, State Board meeting, MSDE shared the MARC findings and proposed adopting a PARCC scale score of 725, performance level 3, as the initial passing requirement starting with the 2016-2017 school year. The State Board wished to continue the discussion exploring options including the goal of aligning the graduation requirement to the College and Career Ready PARCC 750 scale score or performance level 4.

EXECUTIVE SUMMARY:

In order to define policy around the graduation assessment requirements, the State Board will need to address the following questions:

1. What is the PARCC passing score requirement for graduation (725 or 750)?
2. When are students expected to meet the requirement (2 years, 3 years, or 4 years)?
3. How is the requirement implemented (at a specific point in time or incremented over multiple years)?
4. Is there interest in other retest pathways for meeting the graduation assessment requirements? Those defined by existing COMAR (Bridge Plans, AP, and IB) and/or the inclusion of new ESSA permitted assessments (SAT and ACT)?

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ACTION:

For information only.

April 2016	Make final decisions on graduation assessment requirements
May 2016	Review and approve COMAR language

Graduation Assessment Requirements

Maryland State Board of Education
March 22, 2016

Dr. Henry R. Johnson, Interim Deputy Superintendent

Dr. Douglas Strader, Director of Assessment

Decision points for setting assessment graduation requirements

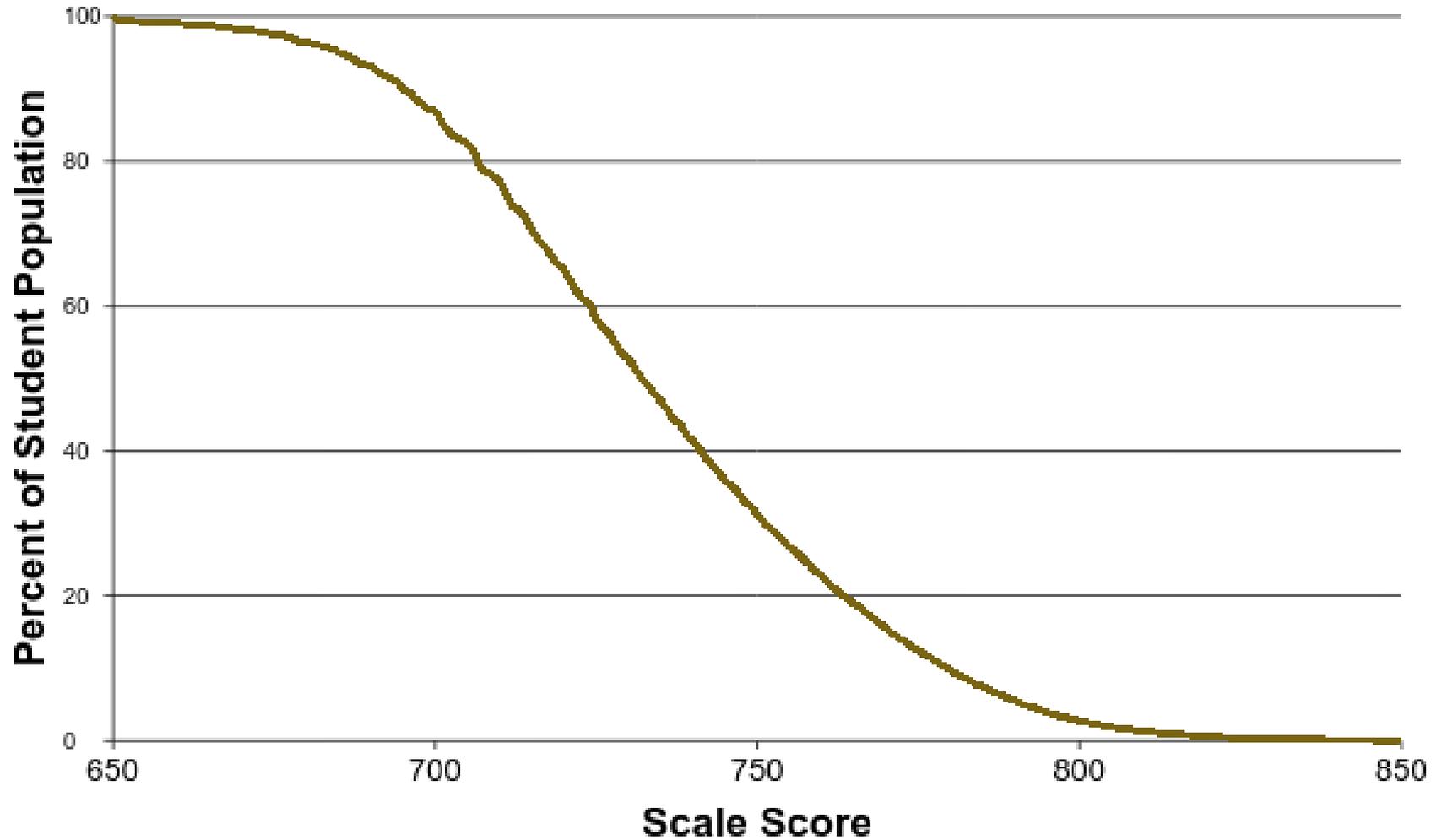
1. What is the PARCC passing score(s) requirement for Maryland high school graduates?
2. When will the requirement go into effect?
3. How is the requirement implemented (at a point in time or incrementally over multiple years)?
4. Is there interest in additional retest pathways for meeting requirements?

PARCC Performance Levels

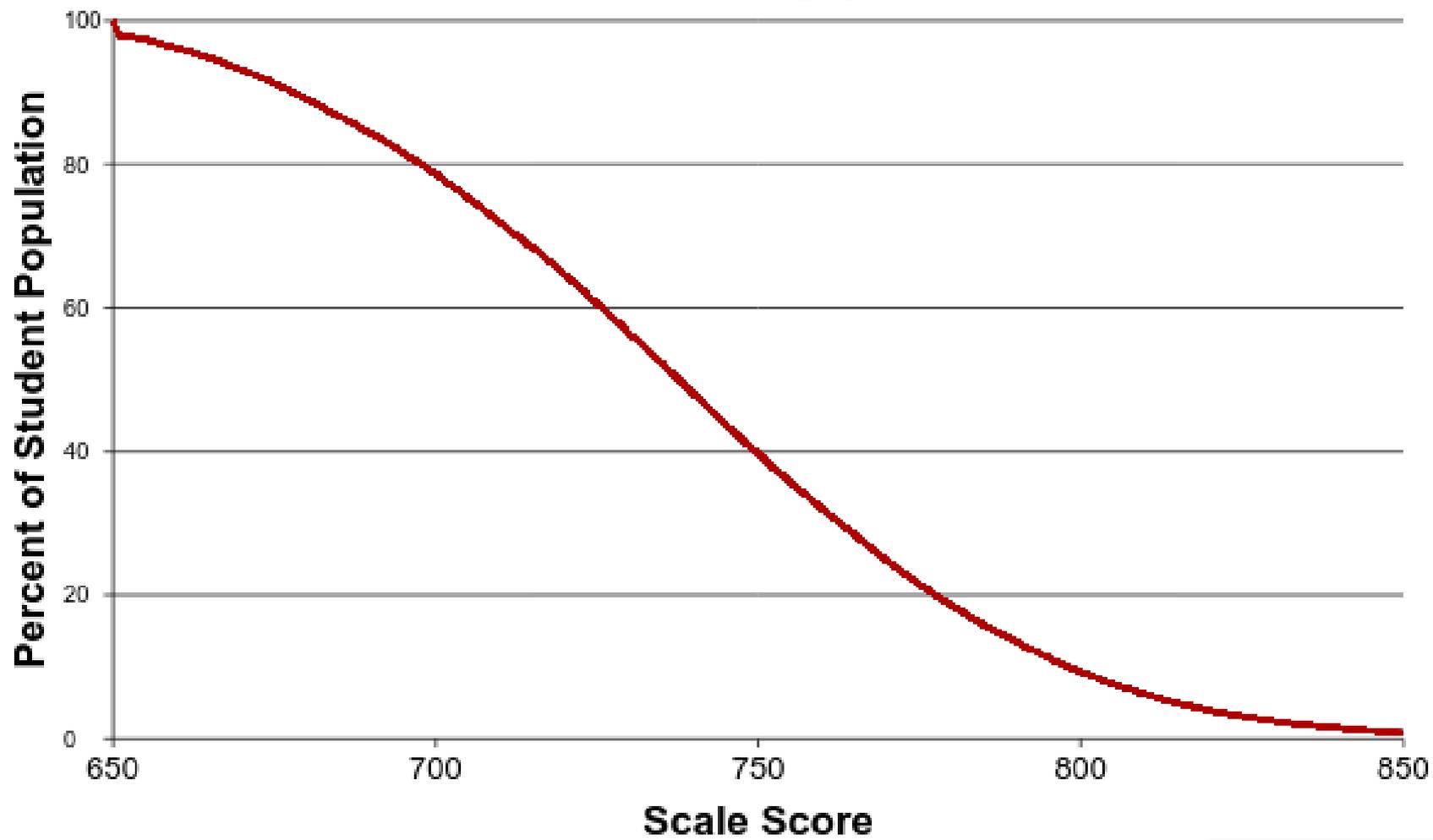
PARCC Scale Scores (SSs)	PARCC Performance Levels (PLs)	PL Descriptors (<u>PLDs</u>)
800	Level 5 [^]	Exceeded expectations
750	Level 4 [^]	Met expectations
725	Level 3	Approached expectations
700	Level 2	Partially met expectations
650	Level 1	Did not yet meet expectations

[^] PL 4 and PL 5 denote College and Career Readiness (CCR) or on track for CCR

PARCC Algebra I Percent of Students Passing by Scale Score



PARCC ELA 10
Percent of Students Passing by Scale Score



Passing Rates

PARCC Algebra I Performance Level 3 (725)

		2014-2015 Maryland PARCC Assessment Data			
	HSA 2014 ^a	State		LEA Range	
Scale Score		Met (\geq PL 3)	Not Met ($<$ PL 3)	Met (\geq PL 3)	Not Met ($<$ PL 3)
Percent	66%	58%	42%	31% - 78%	22% - 69%

^a Pass rate for first time test takers, 2014 HSA Algebra

Passing Rates

PARCC English 10 Performance Level 3 (725)

		2014-2015 Maryland PARCC Assessment Data			
	HSA 2014 ^a	State		LEA Range	
Scale Score		Met (\geq PL 3)	Not Met ($<$ PL 3)	Met (\geq PL 3)	Not Met ($<$ PL 3)
Percent	73%	61%	39%	37% - 79%	21% - 63%

^a Pass rate for first time test takers, 2014 HSA English

Passing Rates

PARCC Algebra I Performance Level 4 (750)

		2014-2015 Maryland PARCC Assessment Data			
	HSA 2014 ^a	State		LEA Range	
Scale Score	66%	Met (\geq PL 4)	Not Met ($<$ PL 4)	Met (\geq PL 4)	Not Met ($<$ PL 4)
Percent		31%	69%	2% - 57%	43% - 98%

^a Pass rate for first time test takers, 2014 HSA Algebra

Passing Rates

PARCC English 10 Performance Level 4 (750)

		2014-2015 Maryland PARCC Assessment Data			
	HSA 2014 ^a	State		LEA Range	
Scale Score	73%	Met (\geq PL 4)	Not Met ($<$ PL 4)	Met (\geq PL 4)	Not Met ($<$ PL 4)
Percent		40%	60%	17% - 59%	42% - 83%

^a Pass rate for first time test takers, 2014 HSA English

When are students expected to meet the requirement?

Implementation of the HSA

- 2001-2002 through 2004-2005
 - Students required to participate in High School Assessments in Algebra, Biology, English, and Government.
- 2005-2006
 - First-time 9th Graders required to pass Algebra, Biology, English, and Government HSAs or achieve combined score.

Four years of participation required before passing the test was required.

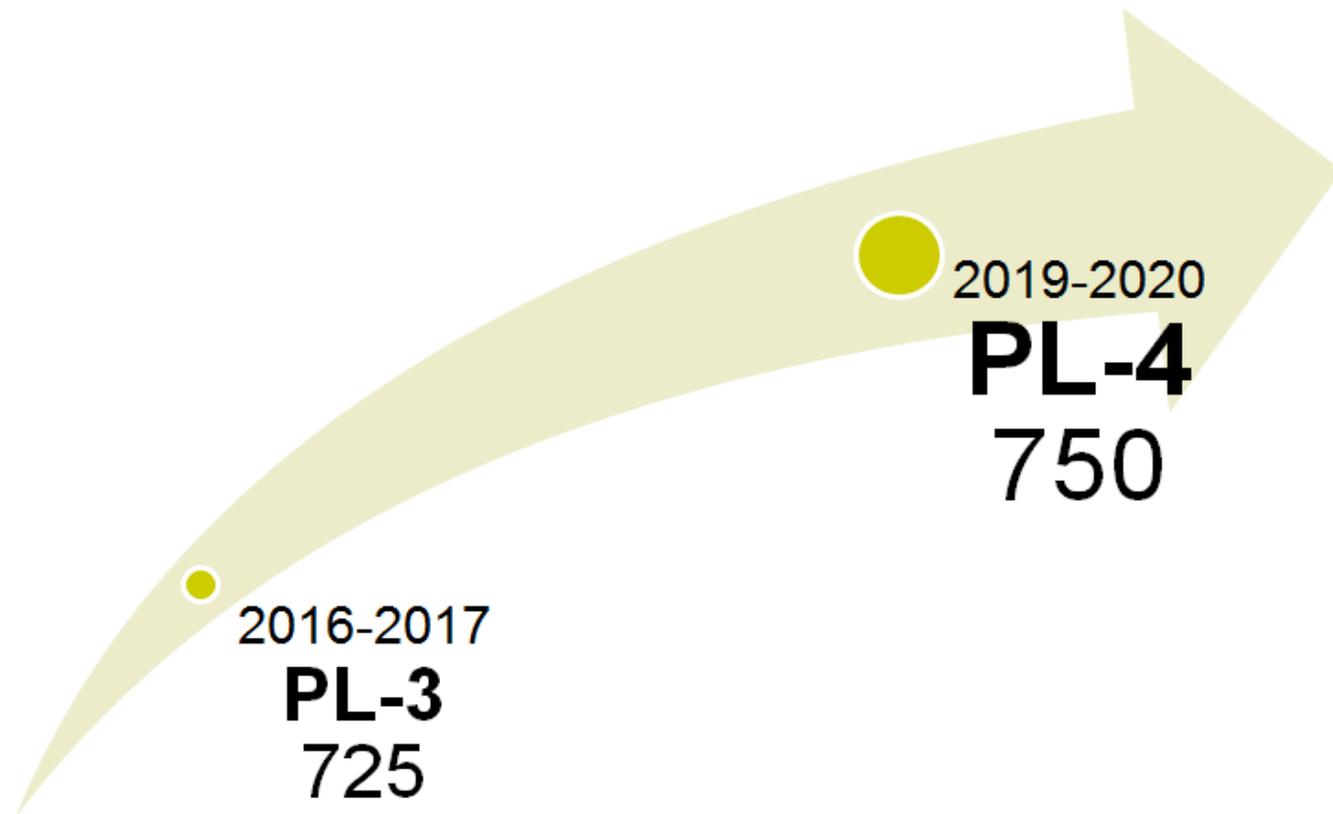
When are students expected to meet the requirement?

Implementation of the PARCC tests

- 2014-2015 and 2015-2016
 - Students are currently required to participate in the first 2 operational years (through the 2015-2016 school year) in PARCC Algebra I and English 10.
 - Does the State Board want to extend the number of years that students must participate before they are required to meet the passing score requirement? If so, by how many years?
 - 2 year extension means passing required in 2018-2019
 - 3 year extension means passing required in 2019-2020
 - 4 year extension means passing required in 2020-2021

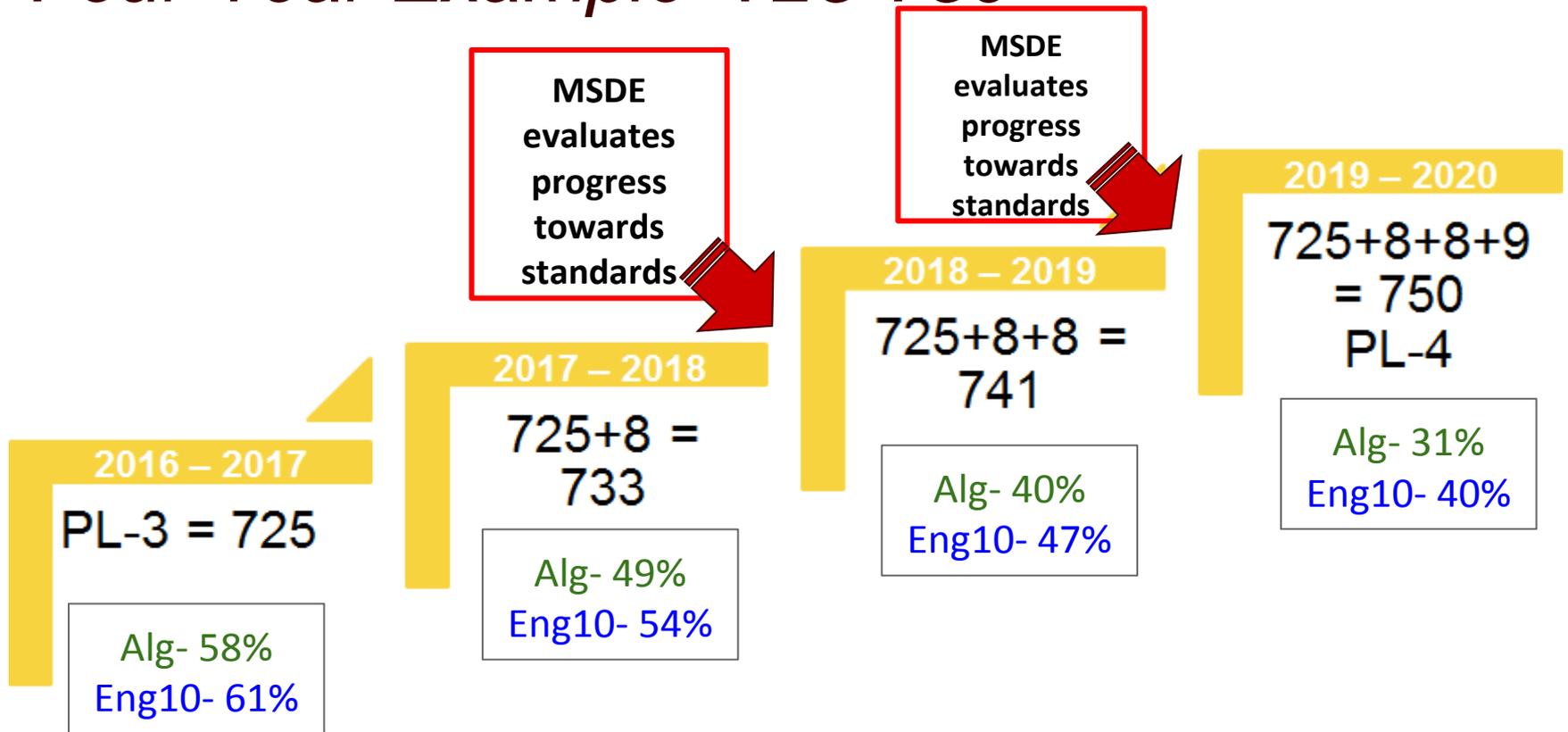
Point in Time Increase

Four Year Example

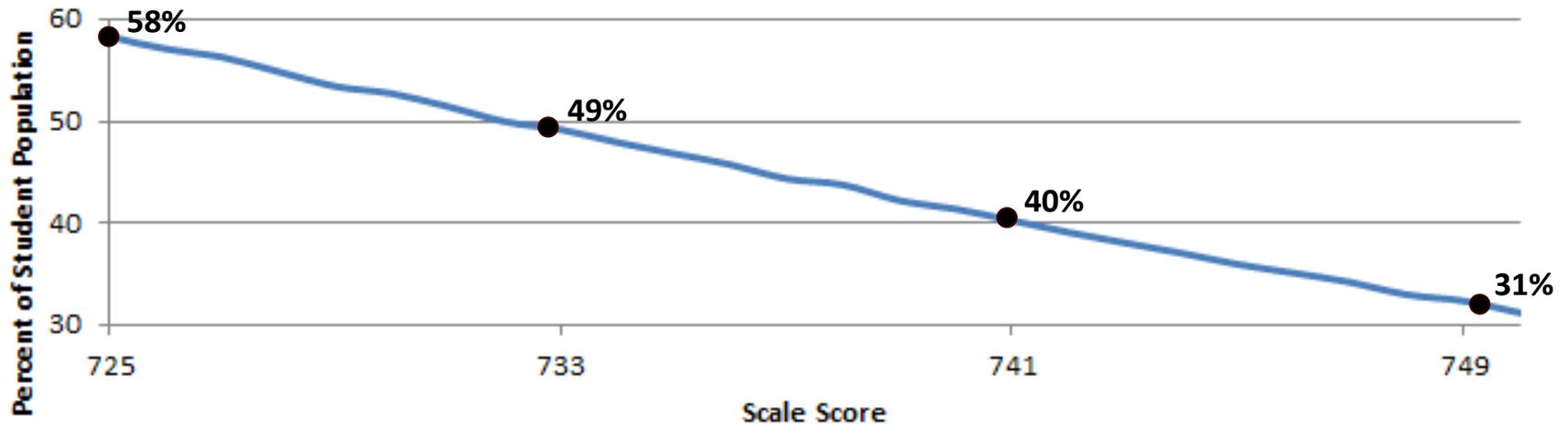


Incremental Increase

Four Year Example 725-750

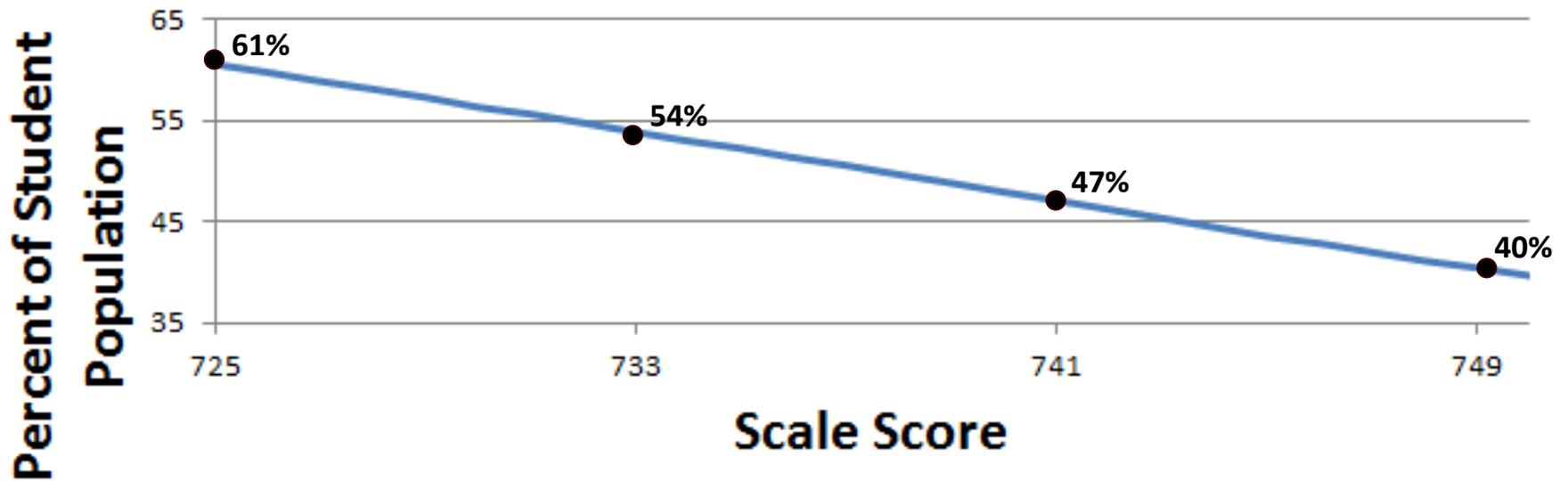


PARCC Algebra I Percent of Students Passing by Scale Score

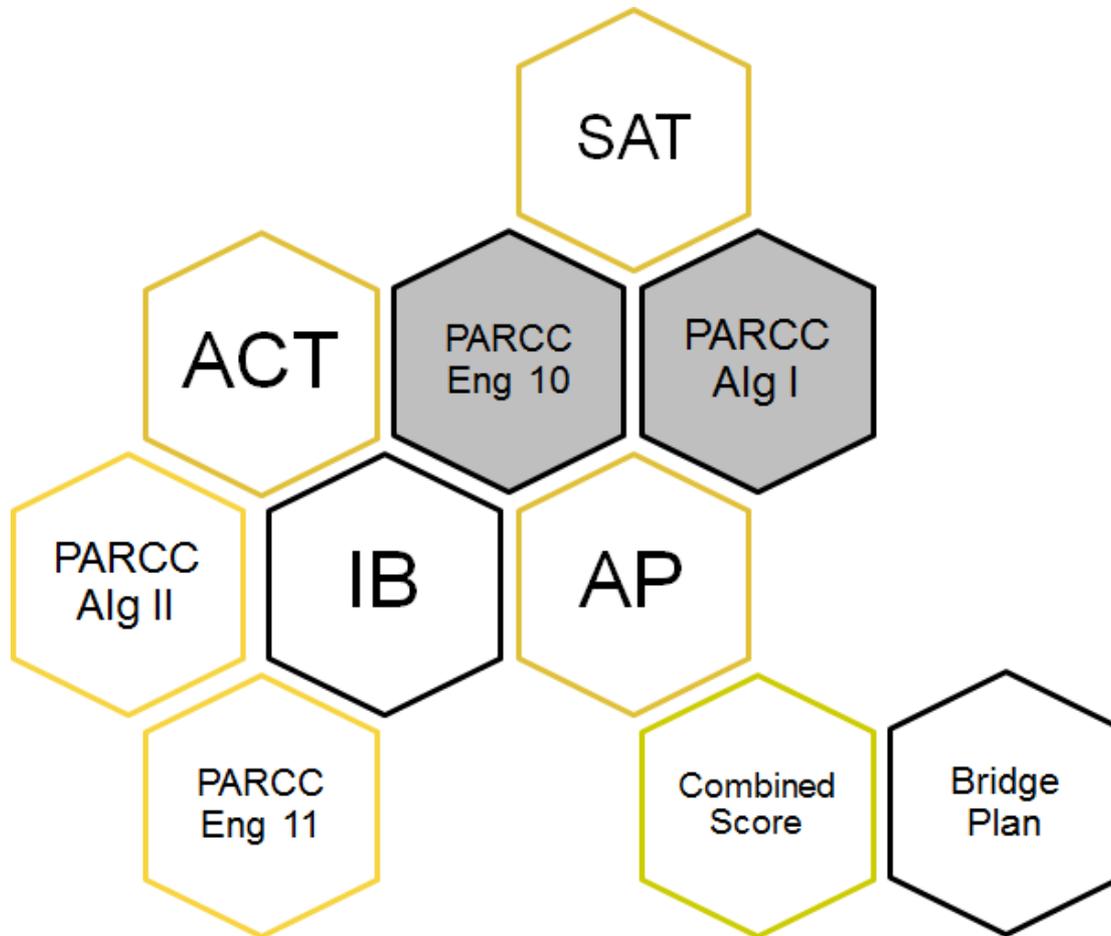


PARCC ELA 10

Percent of Students Passing by Scale Score



Retest pathways for meeting assessment graduation requirements?



COMAR 13A.03.02.09 -
Achieve a **score as established by the Department** on Department-approved **substitute assessments** ... such as Advanced Placement examinations, SAT I, SAT II, ACT, and International Baccalaureate examinations

Decision points for setting assessment graduation requirements

1. What is the PARCC passing score(s) requirement for Maryland high school graduates?
2. When will the requirement go into effect?
3. How is the requirement implemented (at a point in time or incrementally over multiple years)?
4. Is there interest in additional retest pathways for meeting requirements?

Next Steps...

MSDE BOE Meetings	Actions
April 2016	Make final decisions on graduation assessment requirements
May 2016	Review/approve language for COMAR