



# 2015 PMF and the Transition to the PARCC Assessment

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Rashida Tyler, [rtyler@dcpsb.org](mailto:rtyler@dcpsb.org), *SQA Senior Manager*

Erin Kupferberg, [ekupferberg@dcpsb.org](mailto:ekupferberg@dcpsb.org), *SQA Manager*

Sareeta Schmitt, [sschmitt@dcpsb.org](mailto:sschmitt@dcpsb.org), *SQA Specialist*

Charlie Sellev, [csellev@dcpsb.org](mailto:csellev@dcpsb.org), *SQA Data and Policy Analyst*

# Agenda

- Hold Harmless Proposal to amend the 2015 PMF Technical Guide (approved 8/14) and the PMF as Charter Goals Policy (approved 2/13)
- Voting Items for the Task Force Meeting
- PARCC Transition Business Rules

**Hold Harmless Proposal  
to amend the 2015 PMF  
Technical Guide and the PMF  
as Goals Policy**

# Reason for 2015 PMF

- A school's **QUALITY** does not change when an assessment or measure changes.

## Tier 1 is still Tier 1

- A drop in proficiency scores should NOT be the only story told about DC public charter schools.
- PMF is a valid and reliable measure of school quality. It looks at more than proficiency rates.

# Hold Schools Harmless

- PCSB proposes to **not** weigh a low 2015 PMF score, PARCC score, or growth score in a charter renewal or review decision.
- PCSB proposes to **not** commence a QSR if the only trigger is that they earned a Tier 3 rating on the 2015 PMF.
- PCSB proposes to **not** publicly label a school as Tier 3

# Covered through Public Comment

Please submit public comment on:

- Any revisions to language in the proposal around how schools will be treated if they drop scores
- Changes to the proposal regarding the *philosophy* on tiering, scoring, publishing, or how to treat early childhood schools ending in 3<sup>rd</sup> grade

# Public Comment

- The public comment timeline was extended to **October 31**
- Please continue to submit public comment on the proposal by emailing [public.comment@dcpcsb.org](mailto:public.comment@dcpcsb.org)
- Task forces will discuss the implementation of the business rules

# Voting Items for the Task Force Meetings



# Two Objectives of Task Force

1. Develop a **list of indicators** that would trigger the PMF not to be tiered, scored, and/or published
2. Create fair **business rules** for determining floors and targets for the PARCC-related achievement measures in the ES/MS, EC 3<sup>rd</sup> grade, and HS PMFs

# Proceeding with tiers and scores

So far, there are three scenarios in which we would not want to tier:

1. MGP is invalid
2. The release of the 2015 PMF would occur within two weeks of schools taking the 2016 PARCC
3. The correlation between 2014 and 2015 PMF scores is weak (i.e., below 0.60)

# What could make the MGP invalid?

- The correlation between DC CAS and PARCC scores is less than 0.60
- The distribution of scores is not meaningful (i.e., greater than 5% are at the extremes)
- Cohort sizes too small (for HS only)

# Additional Reasons for Not Tiering

If you have additional items for the task force to consider, please send them to Sareeta Schmitt by **Thursday, October 9.**

Sareeta Schmitt  
sschmitt@dcpcsb.org

# **Business Rules for Floors and Targets for Student Achievement and Gateway**

# Objective for Creating Business Rules

## **Reliability Condition:**

***Similar performance on the PMF should result in similar score and tier designations***

If too many schools change tiers (up or down), the business rule will be rejected.

If the correlation between 2014 and 2015 PMF scores is less than 0.60, the business rule will not pass.

# Business Rule #1: Defining Achievement

- What levels of PARCC will replace the current proficiency measure for English and math?
  - Levels 3, 4, and 5 (“Moderate Command of Content”), or
  - Levels 4 and 5 (“College and Career Ready”)
- What levels of PARCC will replace the current advanced measure for English and math?
  - Levels 4 and 5 (“College and Career Ready”), or
  - Level 5 (“Distinguished Command of Content”)

# Business Rule #2: High School Level Math

Potential options on how to include the high school PARCC math assessments in Student Achievement:

- Combine the Geometry and Integrated Math II assessments (similar to ESMS combining grade levels)
- Separate the Geometry and Integrated Math II assessments; each will have its own floor and target

*Future Consideration:*

Options for 8<sup>th</sup> grade students who take Algebra 1 or Geometry



# Business Rule #3: Set Floors and Targets

- Similar performance on the PMF should result in similar score and tier designations
- Currently, floors and targets are set at the 10<sup>th</sup> percentile and at 100% for proficiency
- PCSB is open to scenarios to create transitional floors and/or targets
- We hope to work together to develop new aspirational targets in the future

# EXAMPLE Impact Analysis

## The Base Case Assumptions:

- 100% of each school's 2013-14 DC CAS advanced students will have “**moderate command of content**” on the PARCC
- 60% of each school's 2013-14 DC CAS proficient students will have “**moderate command of content**” on the PARCC
- 50% of each school's 2013-14 DC CAS advanced students will be “**career and college ready**” on the PARCC

*Note:* PCSB has run multiple projections. This is just one example that we are sharing.

# EXAMPLE Floors and Targets

	Transitional Floor	Transitional Target
Current	10 <sup>th</sup> Percentile	100%
Potential Options	10 <sup>th</sup> Percentile	100%
		90 <sup>th</sup> percentile
		90 <sup>th</sup> percentile + #
		90 <sup>th</sup> percentile + %
	0%	100%
		90 <sup>th</sup> percentile
		90 <sup>th</sup> percentile + #
		90 <sup>th</sup> percentile + %

# EXAMPLE Floors and Targets

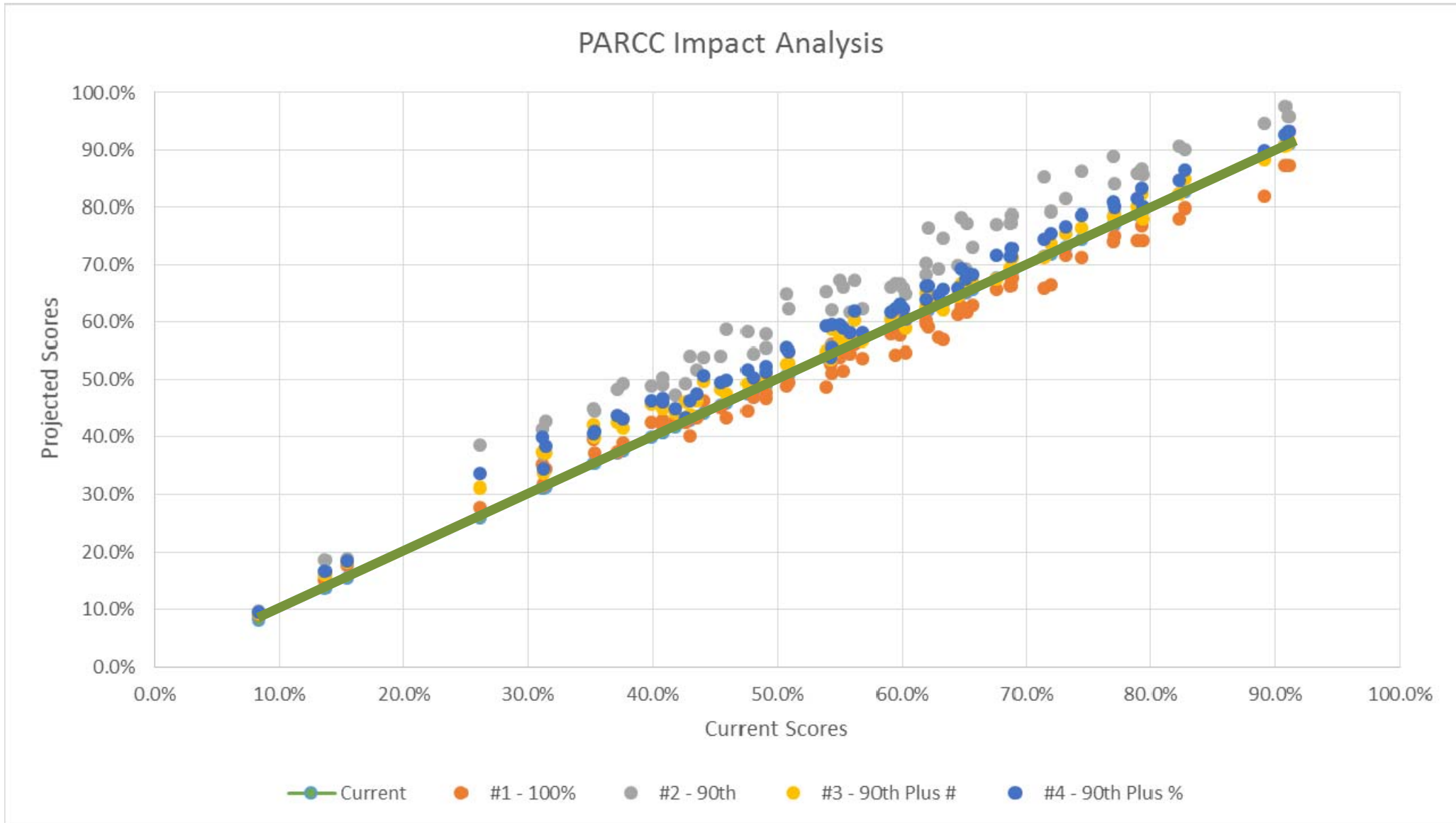
	#1	#2	#3	#4
Floor	0%	0%	0%	0%
Target	100%	90 <sup>th</sup> percentile	90 <sup>th</sup> percentile + difference between 90 <sup>th</sup> percentile and 100%	90 <sup>th</sup> percentile + percent difference between 90 <sup>th</sup> percentile and 100%

# EXAMPLE Impact Analysis

The floor for each scenario is 0

Sector Impact Summary	Current (2014)	#1	#2	#3	#4
	Target:	100%	90th	90th + #	90th + %
<i>Overall Change</i>	<i>Scores</i>				
Count of Tier 1	20	18	35	22	25
Count of Tier 2	41	44	30	41	38
Count of <35%	7	6	3	5	5
Net Change in Tier 1		-2	15	2	5
Net Change in Tier 2		3	-11	0	-3
Net Change in <35%		-1	-4	-2	-2
Mean	55.6%	54.0%	64.0%	57.6%	59.1%

# EXAMPLE Impact Analysis



The floor for each scenario is 0

# Additional Business Rules

If you have additional items for the task force to consider, such as:

- Base case assumptions
- Floors
- Targets

Please send them to Sareeta Schmitt by **Thursday, October 9**

Sareeta Schmitt  
sschmitt@dcpcsb.org

# Next Steps

- Please continue to explore possible business rules
  - Reliability Condition:**  
*Similar performance on the PMF should result in similar score and tier designations*
- Come to the task force meeting next week for further discussion on which business rules to move forward with
  - ESMS and HS: October 16 at 10:00am-2:00pm