ADULT EDUCATION TASK FORCE MEETING

DC **PUBLIC** **CHARTER** SCHOOL BOARD

May 15, 2018

Agenda

- Updating 2018-19 Floors and Targets

- Floor and Target-Setting Business Rule Proposals
  - Student Progress
  - College and Career Readiness
  - Leading Indicators
  - Summary and Impact

- Updates

- Next Steps

UPDATING FLOORS & TARGETS

Updating 2018-19 Floors & Targets

Student Progress &
College and Career Readiness

- PMF Guide calls for updated floors and targets beginning 2018-19

- Current methodology creates low targets because they are constructed using Maryland's performance

Updating 2018-19 Floors & Targets for (cont.)

Leading Indicators

- PMF Guide calls for updated floors and targets beginning 2018-19

- NRS* post-test rates no longer adequately represent our retained population

  - Persistence (formerly Retention) denominator now includes all students enrolled in the school

*National Reporting Service

Updating 2018-19 Floors & Targets (cont.)

Student Achievement

- Amended Earned Secondary Credential floor and target in 2017

- Will work with Task Force to set High-Level Certification floors and targets no later than Fall 2018

  - Plan for Board vote in November 2018

FLOOR & TARGET-SETTING BUSINESS RULE PROPOSALS

STUDENT PROGRESS

Current Business Rules Not Implementable

In some instances, using the current business rules results in **targets** that are **lower** than **floors.** See ESL Level 3:

Example: ESL Level 3	Current	Update (per 2017-18 PMF Guide for 2018-19)
Floor	41.2	65.0
Target	71.2	63.3

Current Business Rules: Low Progress Targets

- Targets are set based on Maryland's performance plus 1.0%

- DC charter sector and most states are **outperforming** Maryland

DC vs. MD Progress Comparison

Three-Year Average Growth Rate (2014-15, 2015-16, 2016-17)			
Measure	DC Charters	Maryland	Difference (DC Charters - MD)
ABE 1	75.7	61.5	+14.2
ABE 2	70.9	69.2	+1.7
ABE 3	56.3	59.2	-2.9
ABE 4	35.5	34.8	+0.7
ABE 5	46.3	37.2	+9.1
ESL 1	69.8	83.4	-13.6
ESL 2	80.8	76.7	+4.1
ESL 3	80.2	62.3	+17.9
ESL 4	71.1	53.8	+17.3
ESL 5	57.1	46.1	+11.0

States' Performance
Under Current Progress Floors and Targets

Progress Tier	Count of States	Rate
1	49	96.1
2	2	3.9
3	0	0

Proposal: Student Progress Floors and Targets

Tier 1 cutoff is set for each ABE and ESL level at the <u>national average student growth rate plus 1.0%.</u>

- National average student growth rate based on 2014-15, 2015-16, and 2016-17 data

- Target is set by using a ratio calculation to determine value when 100% of points are earned

- Floor is set by using a ratio calculation to determine when 0% of points are earned

Proposal: Student Progress Floors and Targets (cont.)

- Implementation Option 1: Immediately adopt proposed business rules.

- Implementation Option 2: Gradually transition to the proposed business rules over the next three school years.
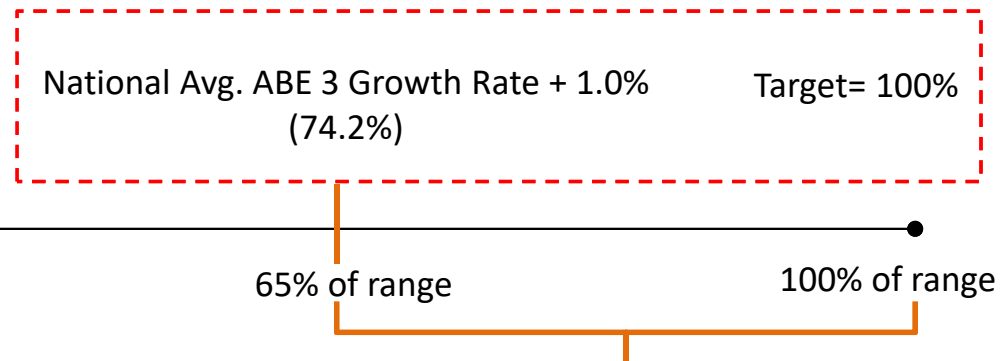
How to Calculate Floors and Targets
Example: ABE 3

Part 1: Setting the Tier 1 Cutoff and Target

The Tier 1 cutoff (the point at which 65% of points possible are earned), is set at the National Average Growth Rate +1.0% for each level.

National Avg. ABE 3 Growth Rate + 1.0% (74.2%)   Target= 100%

0% of range

65% of range   100% of range

Point	Value	Points Earned
Target	100	100%
Tier 1 Cutoff	74.2	65%
Tier 3 Cutoff		
Floor		

To find the Target: We know that 74.2 is the point at which 65% of points are earned. **So, what is the number at which 100 points would be earned?**

$$65/100 = 74.2 / X$$
$$X = 114.2$$

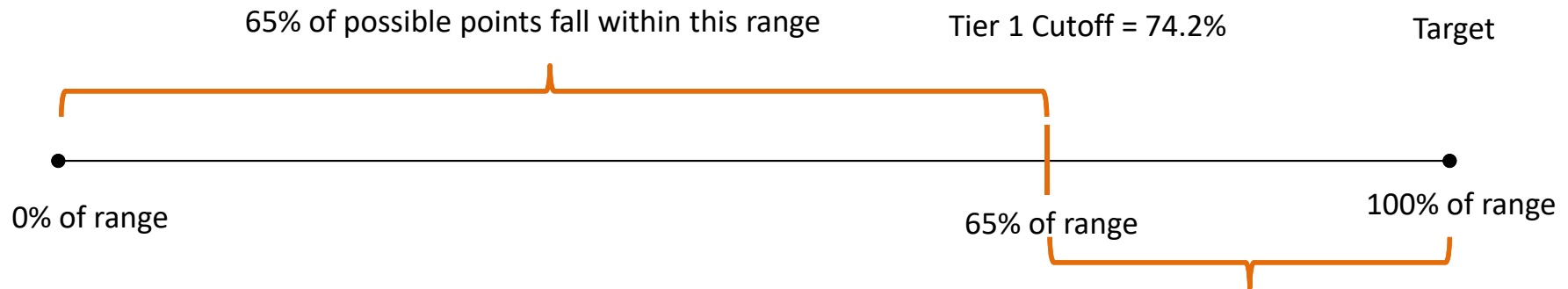If resulting target exceeds 100, cap at 100

$$X = 114.2 \rightarrow 100$$

How to Calculate Floors and Targets
Example: ABE 3

Part 2: Finding the distance to the Floor

The range between the Tier 1 Cutoff and the Target represents 35% of all points possible. We use the ratio of that range to the total range to determine the distance to the floor.

65% of possible points fall within this range

Tier 1 Cutoff = 74.2%

Target

0% of range

65% of range

100% of range

The range between the Tier 1 Cutoff and the Target is 25.8 points

Point	Value	Points Earned
Target	100	100%
Tier 1 Cutoff	74.2	65.0%
Tier 3 Cutoff		
Floor		

The ratio of the points that fall within the top 35.0% of the range to the points contained in the remaining 65.0% of the total range is: $35/65 = 25.8/X$

$X = 47.9$

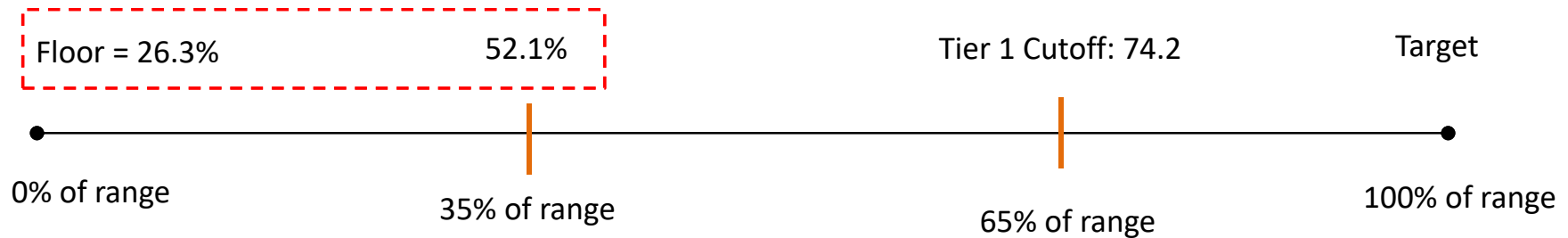**47.9 is the resulting range from the Tier 1 Cutoff to the Floor**

How to Calculate Floors and Targets
Example: ABE 3

Part 3: Determining the Floor

The resulting ratio of points contained in 65% of the total range (47.9) is subtracted from the Tier 1 Cutoff (74.2) to determine the Floor (26.3).

Floor = 26.3%   52.1%   Tier 1 Cutoff: 74.2   Target

0% of range   35% of range   65% of range   100% of range

Point	Value	Points Earned
Target	100	100%
Tier 1 Cutoff	74.2	65%
Tier 3 Cutoff	52.1	35%
Floor	26.3	0%

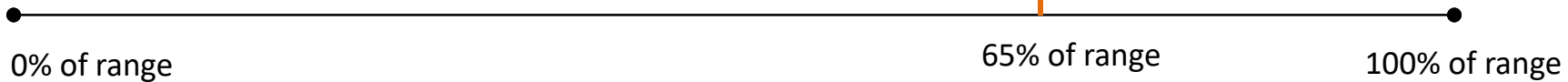Using the same ratio, we can determine that 35% of points are earned at 52.1, **the Tier 3 Cutoff.**

How to Calculate Floors and Targets
Example: ESL 5

Part 1: Setting the Tier 1 Cutoff and Target

The Tier 1 cutoff (the point at which 65% of points possible are earned),
is set at the National Average Growth Rate +1.0% for each level.

National Avg. ESL 5 Growth Rate + 1.0%
(63.4%)   Target = 97.5%

0% of range   65% of range   100% of range

To then find the target, we know that 63.4 is the point at which 65% of points are earned. **So, what is the number at which 100 points would be earned?**

$$65/100 = 63.4/X$$
$$X = 97.5$$
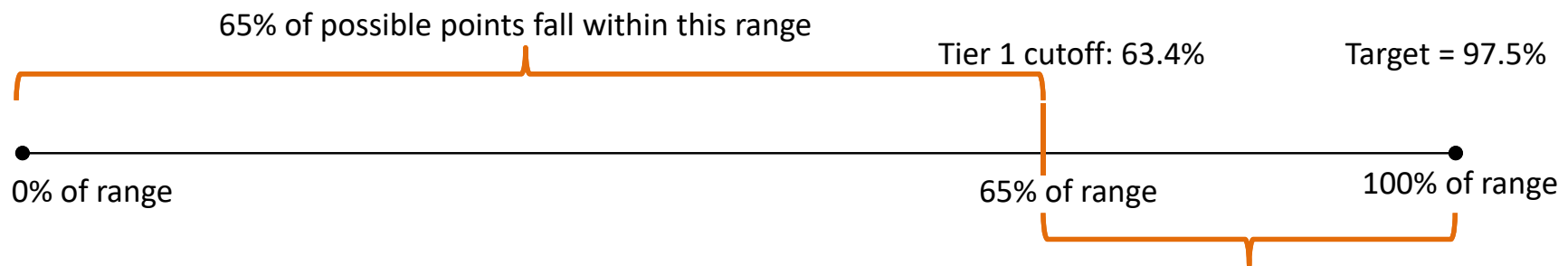
The resulting calculated target is lower than 100, so the calculated target is used.

Point	Value	Points Earned
Target	97.5	100%
Tier 1 Cutoff	63.4	65%
Tier 3 Cutoff		
Floor		

How to Calculate Floors and Targets
Example: ESL 5

Part 2: Finding the distance to the Floor

The range between the Tier 1 Cutoff and the Target represents 35% of all points possible; the ratio of that range to the total range is used to determine the distance to the Floor.

65% of possible points fall within this range

Tier 1 cutoff: 63.4%   Target = 97.5%

0% of range   65% of range   100% of range

The range between the tier 1 cutoff and the target is 34.1

Point	Value	Points Earned
Target	97.5	100%
Tier 1 Cutoff	63.4	65%
Tier 3 Cutoff		
Floor		

The ratio of the points that fall within the top 35% of the range to the points contained in the remaining 65% of the total range is: $35/65 = 34.1/X$

$X = 63.4$

63.4 is the resulting range from the tier 1 cutoff to the floor

Part 3: Determining the Floor

The resulting ratio of points contained in 65% of the total range is subtracted from the Tier 1 Cutoff to determine the Floor.

| 0% = Floor | 34.1% | | Tier 1 Cutoff = 63.4% | Target = 97.5% |

| 0% of range | 35% of range | 65% of range | 100% of range |

63.4 (Tier 1 Cutoff) – 63.4 (the values contained within 65% of the total range)= 0 -> **the Floor**

Using the same ratio, we can determine that 35% of points are earned at 34.1, **the Tier 3 Cutoff**

Point	Value	Points Earned
Target	100	100%
Tier 1 Cutoff	74.2	65%
Tier 3 Cutoff	34.1	35%
Floor	0	0%

Describing Performance

By 2018-19 or 2020-21 (depending on implementation choice)

- Tier 1 Schools can confidently say their growth rate **exceeds** the national average student growth rate.

- At high-performing schools, on average, 71.7% of students grow.

- At low-performing schools, on average, 48.2% of students grow.

Progress Proposal Year 1 Impact

School	Student Progress			
	PMF % of Points Earned	Proposal Applied to **2016-17 or 2015-16** Data	Change	Category Impact
School 16-17	74.7%	64.3%	-10.4%	No change
School 16-17	54.0%	49.2%	-4.8%	No change
School 16-17	73.7%	61.1%	-12.6%	Change <65%
School 16-17	91.9%	91.0%	-0.9%	No change
School 16-17	46.4%	46.9%	0.5%	No change
School 16-17	78.7%	81.0%	2.3%	No change
School 16-17	58.4%	43.7%	-14.7%	No change
School 16-17	72.3%	59.5%	-12.8%	Change <65%
School 15-16	74.6%	66.2%	-8.4%	No change
School 15-16	91.0%	85.5%	-5.5%	No change
School 15-16	25.9%	27.9%	2.0%	No change
School 15-16	70.0%	67.1%	-2.9%	No change
School 15-16	46.2%	46.1%	-0.1%	No change
School 15-16	74.6%	76.8%	2.2%	No change
School 15-16	47.7%	53.0%	5.3%	No change
School 15-16	29.7%	33.8%	4.1%	No change

Progress Proposal Year 2 Impact

School	Student Progress			
	PMF % of Points Earned	Proposal Applied to **2016-17 or 2015-16** Data	Change	Category Impact
School 16-17	58.4%	38.8%	-19.6%	No change
School 16-17	72.3%	53.8%	-18.5%	Change <65%
School 16-17	91.9%	81.9%	-10.0%	No change
School 16-17	78.7%	70.1%	-8.6%	No change
School 16-17	73.7%	56.2%	-17.5%	Change <65%
School 16-17	46.4%	43.6%	-2.8%	No change
School 16-17	74.7%	60.5%	-14.2%	Change <65%
School 16-17	54.0%	46.1%	-7.9%	No change
School 15-16	91.0%	85.5%	-5.5%	No change
School 15-16	46.2%	46.1%	-0.1%	No change
School 15-16	74.6%	66.2%	-8.4%	No change
School 15-16	29.7%	34.2%	4.5%	No change
School 15-16	25.9%	27.9%	2.0%	No change
School 15-16	47.7%	49.6%	1.9%	No change
School 15-16	57.4%	59.0%	1.6%	No change
School 15-16	70.0%	67.1%	-2.9%	No change

Progress Proposal Year 3 (or Immediate) Impact

School	Student Progress			
	PMF % of Points Earned	Proposal Applied to 2016-17 or 2015-16 Data	Change	Category Impact
School 16-17	91.9%	72.9%	-19.0%	No change
School 16-17	54.0%	43.9%	-10.1%	No change
School 16-17	74.7%	58.2%	-16.5%	Change <65%
School 16-17	72.3%	50.4%	-21.9%	Change <65%
School 16-17	46.4%	41.5%	-4.9%	No change
School 16-17	78.7%	62.9%	-15.8%	Change <65%
School 16-17	73.7%	51.9%	-21.8%	Change <65%
School 16-17	58.4%	36.0%	-22.4%	No change
School 15-16	25.9%	27.2%	1.3%	No change
School 15-16	47.7%	47.3%	-0.4%	No change
School 15-16	91.0%	76.5%	-14.5%	No change
School 15-16	57.4%	55.2%	-2.2%	No change
School 15-16	70.0%	61.5%	-8.5%	Change <65%
School 15-16	74.6%	59.8%	-14.8%	Change <65%
School 15-16	29.7%	34.0%	4.3%	No change
School 15-16	46.2%	41.0%	-5.2%	No change

COLLEGE AND CAREER READINESS (CCR)

Low CCR Targets

- 2017-18 PMF Guide calls for updated floors and targets using latest NRS data

- Targets are set based on Maryland's performance plus 1.0%

- DC charter sector and most states are **outperforming** Maryland

DC vs. MD CCR Comparison

	Two-Year Average Rate (2014-15 & 2015-16)		
Measure	DC Charters	Maryland	Difference (DC Charters - MD)
Entered Employment	59.0	32.5	+26.5
Retained Employment	88.4	67.9	+20.5

States' Performance Under Current CCR Floors and Targets

CCR Tier	Count of States	Rate
1	30	58.8
2	17	33.3
3	4	7.8

Proposal: CCR Floors and Targets

Using national CCR data from 2014-15 and 2015-16

- Immediately set Target at the 90th percentile of average national performance

- Immediately set Floor at the 10th percentile of average national performance

Proposal Rationale

- No longer appropriate to use Maryland as the standard

- Immediate transition because our sector's two-year average rates already meet/nearly meet the Targets

CCR Proposal Impact

School	Student Progress			
	PMF % of Points Earned	Proposal Applied to **2016-17 or 2015-16** Data	Change	Category Impact
School 16-17	81.1%	81.0%	-0.1%	No Change
School 16-17	96.3%	100.0%	3.7%	No Change
School 16-17	94.8%	92.2%	-2.6%	No Change
School 16-17	94.6%	95.4%	0.8%	No Change
School 16-17	66.5%	41.8%	-24.7%	Change <65%
School 16-17	98.3%	100.0%	1.7%	No Change
School 16-17	99.7%	100.0%	0.3%	No Change
School 16-17	100.0%	100.0%	0.0%	No Change
School 15-16	100.0%	100.0%	0.0%	No Change
School 15-16	78.1%	87.0%	8.9%	No Change
School 15-16	100.0%	100.0%	0.0%	No Change
School 15-16	79.7%	82.4%	2.7%	No Change
School 15-16	100.0%	100.0%	0.0%	No Change
School 15-16	85.3%	97.0%	11.7%	No Change
School 15-16	39.1%	4.2%	-34.9%	Change <35%
School 15-16	100.0%	93.1%	-6.9%	No Change

LEADING INDICATORS

Proposal: Attendance Floor and Target

Using DC Charter Attendance data from 2014-15, 2015-16, and 2016-17

- Immediately set Target at 70.0%

- Immediately set Floor at 50.0%

Proposal Rationale

- Immediate transition because the increase is minor

- In fact, it is smaller than the approved 2018-19 increase

    - The currently approved business rules increase the floor by 15.4%

    - The currently approved business rules increased the target by 2.0%

Proposal: Persistence Floor and Target

Change name from "Retention" to "Persistence"

- Measure captures students who persist through AE program, rather than students who return year-to-year
- Eliminates confusion

Using DC Charter Persistence data from 2014-15, 2015-16, and 2016-17

- Immediately set Target at 80.0%

- Immediately set Floor at 45.0%

Proposal Rationale

- Expanded measure to include non-NRS tested students

- As such, it's appropriate to adjust floor and target-setting business rules

- Immediate transition because the increase is minor

Leading Indicators Proposal Impact

	Leading Indicators			
School	2016-17 PMF Rate	Proposed Floors and Targets Applied to 2016-17 Data	Change	Category Impact
School	25.6	22.0	-3.6	No change
School	78.1	73.6	-4.5	No change
School	50.9	45.4	-5.5	No change
School	92.7	88.1	-4.6	No change
School	92.2	87.9	-4.3	No change
School	96.8	96.8	0.0	No change
School	89.0	88.8	-0.2	No change
School	70.1	66.1	-4.0	No change

Note: only showing impact on 2016-17 data because previous school years' used different Retention/Persistence business rules.

SUMMARY & IMPACT

Proposed Floors and Targets Summary

Category	Measure	2018-19 PMF Guide
Student Progress	ABE and ESL	Set the Tier 1 Cutoff at the national average growth rate plus 1.0%. Calculate targets and floors and point spread around this set number.
Student Achievement	Earned Secondary Credential	Maintain 2017-18 floors and targets.
	GED Subject Test Achievement	Maintain 2017-18 floors and targets.
	Earned High-Level Certification	Set floor and target by November 2018.

Proposed Floors and Targets Summary (cont.)

Category	Measure	2018-19 PMF Guide
College and Career Readiness	Entered/Retained Employment	• Set floor at 10th percentile of national performance • Set target at 90th percentile of national performance
Leading Indicators	Attendance	• Set floor at 50.0% • Set target at 70.0%
	Persistence	Formerly "Retention" • Set floor 45.0% • Set target at 80.0%

Impact on 2016-17 Tiers Impact on 2016-17 Tiers (Phased Progress Shift)

Overall Impact

	Tier Changes with All Proposed Changes								
	Student Progress		Student Achievement (with Secondary Credential Floor Change)		Career and College Readiness		Leading Indicators		Overall Tier Change
	New Score	Change in performance (>65%; <35%)	New Score	Change in performance (>65%; <35%)	New Score	Change in performance (>65%; <35%)	New Score	Change in performance (>65%; <35%)	
School	91.0	No change	N/A	N/A	100	No Change	88.1	No change	**No Change**
School	59.5	Change <65%	38.9	No Change	100	No Change	73.6	No change	**No Change**
School	46.9	No change	79.4	No Change	92.2	No Change	22.0	No change	**No Change**
School	64.3	Change <65%	73.4	No Change	95.4	No Change	88.8	No change	**1 to 2**
School	61.1	Change <65%	65.6	No Change	100	No Change	96.8	No change	**1 to 2**
School	43.7	No change	62	Change <65%	81.0	No Change	45.4	No change	**No Change**
School	81.0	No change	85.6	No Change	100	No Change	87.9	No change	**No Change**
School	49.2	No change	63.9	Change <65%	41.8	Change <65%	66.1	No change	**No Change**

Impact on 2016-17 Tiers Impact on 2016-17 Tiers (Immediate Progress Shift)

Overall Impact

School	Tier Changes with All Proposed Changes								Overall Tier Change
	Student Progress		Student Achievement (with Secondary Credential Floor Change)		Career and College Readiness		Leading Indicators		
	New Score	Change in performance (>65%; <35%)	New Score	Change in performance (>65%; <35%)	New Score	Change in performance (>65%; <35%)	New Score	Change in performance (>65%; <35%)	
School	72.9	No change	N/A	N/A	100	No Change	88.1	No change	**No Change**
School	50.4	Change <65%	38.9	No Change	100	No Change	73.6	No change	**No Change**
School	41.5	No change	79.4	No Change	92.2	No Change	22.0	No change	**No Change**
School	58.2	Change <65%	73.4	No Change	95.4	No Change	88.8	No change	**1 to 2**
School	51.9	Change <65%	65.6	No Change	100	No Change	96.8	No change	**1 to 2**
School	36.0	No change	62.0	Change <65%	81.0	No Change	45.4	No change	**No Change**
School	62.9	Change <65%	85.6	No Change	100	No Change	87.9	No change	**1 to 2**
School	43.9	No change	63.9	Change <65%	41.8	Change <65%	66.1	No change	**No Change**

UPDATES

Updates

- Per February AE Task Force Meeting feedback, postponing the PMF as Goals Policy Amendment

- 2017-18 PMF data collection
  - Cohort 1 Rostering begins June 4th
  - Cohort 2 Rostering begins August 8th
  - Quarterly student enrollment collection should ease rostering process

NEXT STEPS

Next Steps

- If you have questions, set follow-up call with Melodi and/or Paul

- Feedback Form due no later than noon on May 22

- Proposed 2018-19 PMF Guide
  - Open Public Comment June 18
  - Public Hearing July 23
  - Board Vote September 17

Contact Us

3333 14th Street NW, Suite 210
Washington, DC 20010

DC **PUBLIC CHARTER** SCHOOL BOARD

(202) 328-2660

dcpublic@dcpcsb.org

www.dcpcsb.org

Facebook.com/DCPCSB

Twitter @DCPCSB

#DCcharterPROUD