



MCAS 2014

MCAS 2014 Big Ideas



- Much of MCAS will be replaced by PARCC this year
- Student achievement data:
 - most students are doing very well
 - achievement gaps persist
 - we've made some progress towards narrowing achievement gaps
- District accountability levels confirm that achievement gaps persist
- Student growth confirms that achievement gaps persist

Sun-setting MCAS



Discipline/Grade	3	4	5	6	7	8	9	10
English Language Arts	✓	✓	✓	✓	✓	✓		✓
Mathematics	✓	✓	✓	✓	✓	✓		✓
Science and Technology/Engineering			✓			✓	✓	

MCAS



Transition to PARCC



Discipline/Grade	3	4	5	6	7	8	9	10
English Language Arts	✓	✓	✓	✓	✓	✓		✓
Mathematics	✓	✓	✓	✓	✓	✓		✓
Science and Technology/Engineering			✓			✓	✓	

MCAS
PARCC

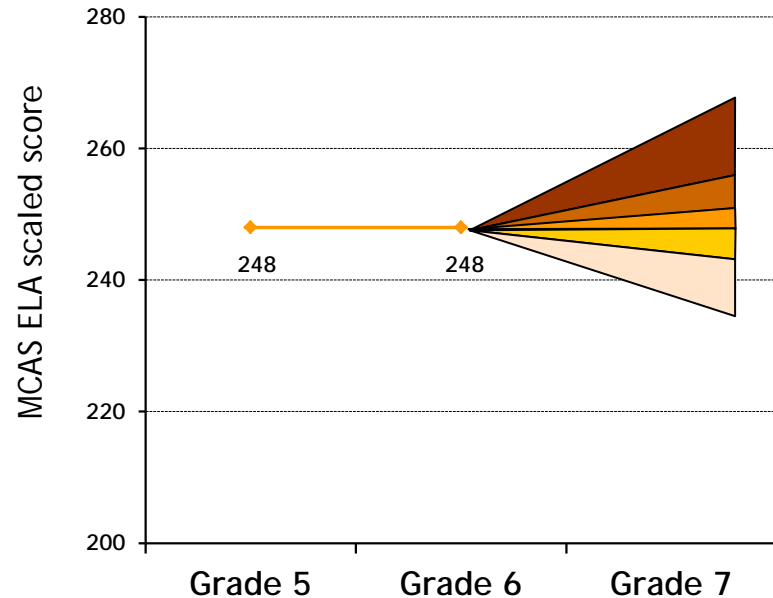


Closing Proficiency Achievement Gaps

	Baseline CPI 2011	2012	2013	2014	2015	2016	Target CPI 2017	Improvement Per Year
All Students	94.8	94.6	94.8	94.9			97.4	0.43
Asian	96.1	95.6	96	96.1			98.1	0.33
African American/Black	83.3	82	83.5	84			91.7	1.40
Hispanic/Latino	86.7	88	88.3	89.3			93.4	1.12
Multi-race, Non- Hispanic	95.9	96.2	95.8	95.9			98	0.35
White	96.2	96.1	96	96			98.1	0.32
High Needs	86.7	94.6	94.8	94.9			97.4	1.12
Low Income	84.2	86.5	86.2	87			93.4	1.32
ELL and Former ELL	84.8	84.1	85	85.5			92.1	1.27
Students with Disabilities	84.2	86.6	87.6	88.8			92.4	1.32

Student Growth

- Measured by Student Growth Percentile – SGP
- SGP computed for each student Grade 4 – 10 in Mathematics and English Language Arts
- relative growth a student made compared to other students with the same achievement history
- Median Student Growth Percentile is 50.
- SGP above 60 and below 40 are considered significant.



Median Student Growth Percentiles Over 60

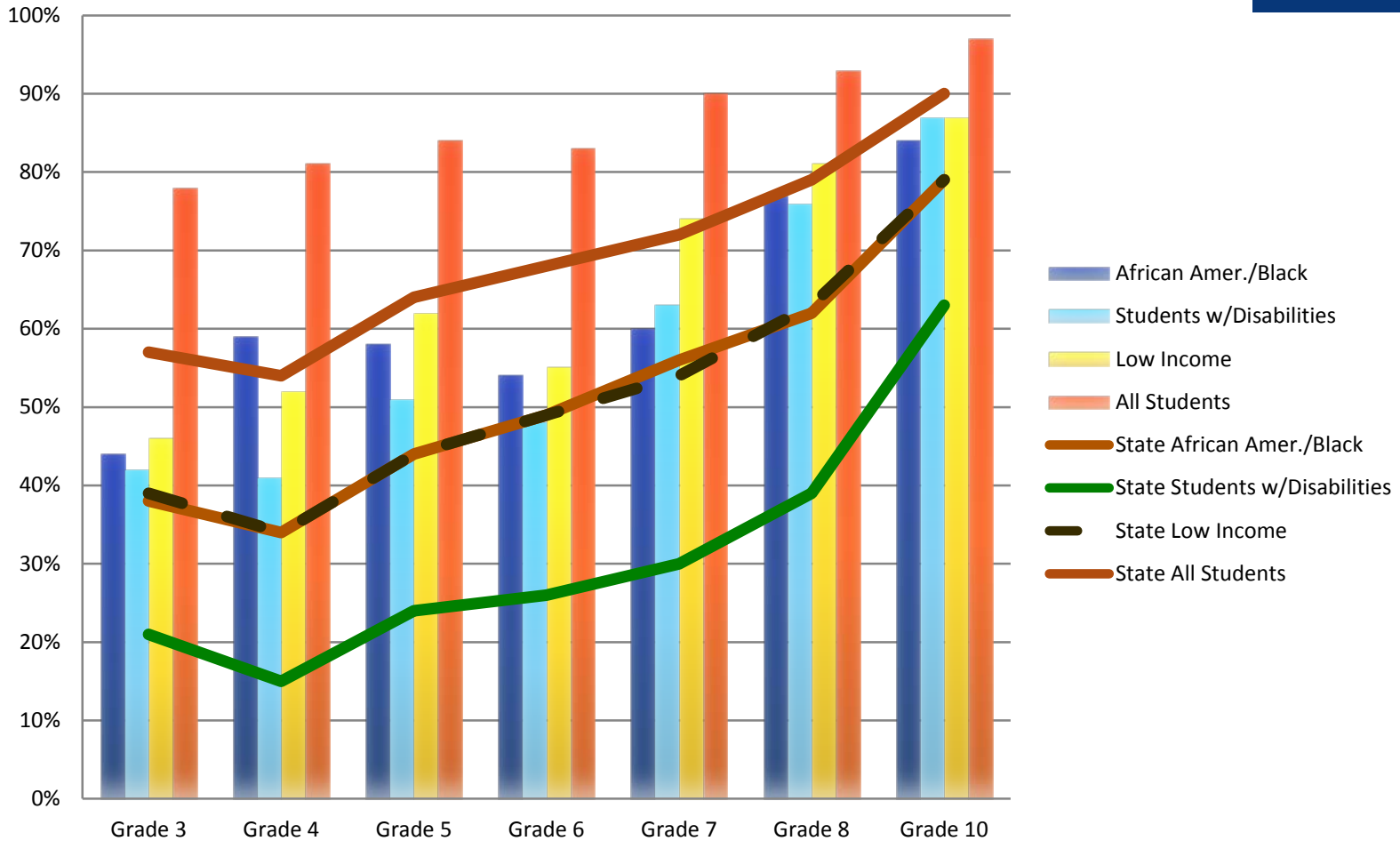
Mathematics

- Burr
- Franklin
- Horace Mann
- Lincoln Eliot
- Mason-Rice
- Memorial Spaulding
- Peirce
- Ward
- Zervas

English Language Arts

- Countryside
- Franklin
- Lincoln-Eliot
- Mason Rice
- Peirce
- Ward
- Newton South

Percent of Students Scoring Proficient or Higher on the 2014 ELA MCAS



Data compiled and charted by Tessa Bridge

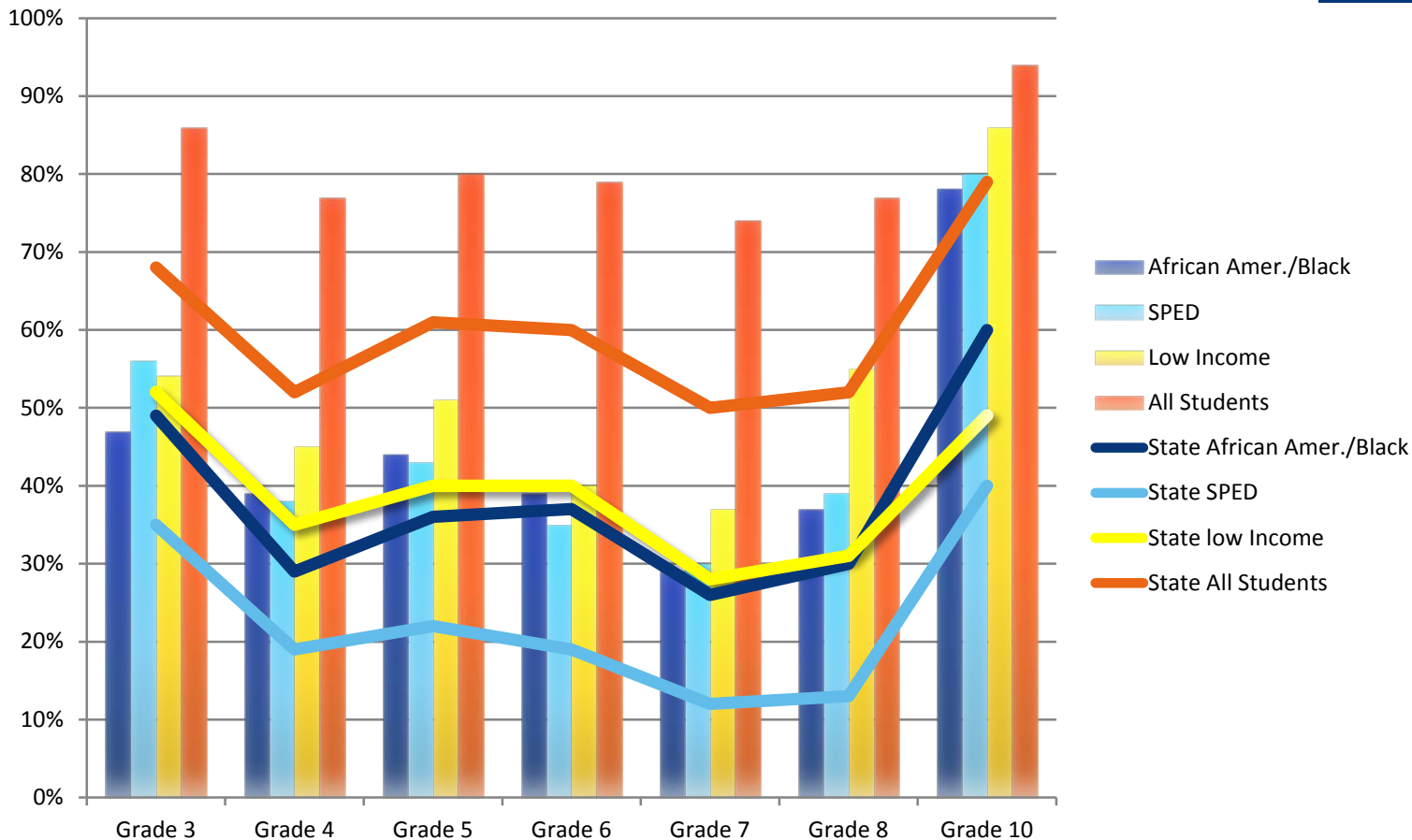
Percent of Students Scoring Proficient or Higher on the 2014 ELA MCAS



	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
NPS African American/Black	44%	59%	58%	54%	60%	77%	84%
NPS Students w/Disabilities	42%	41%	51%	48%	63%	76%	87%
NPS Low Income	46%	52%	62%	55%	74%	81%	87%
NPS All Students	78%	81%	84%	83%	90%	93%	97%
State African American/Black	38%	34%	44%	49%	56%	62%	79%
State Students w/Disabilities	21%	15%	24%	26%	30%	39%	63%
State Low Income	39%	34%	44%	49%	54%	63%	79%
State All Students	57%	54%	64%	68%	72%	79%	90%

Data compiled and charted by Tessa Bridge

Percent of Students Scoring Proficient or Higher on the 2014 Math MCAS



Data compiled and charted by Tessa Bridge

Percent of Students Scoring Proficient or Higher on the 2014 Math MCAS



	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
NPS African American/Black	47%	39%	44%	39%	29%	37%	78%
NPS Students w/Disabilities	56%	38%	43%	35%	30%	39%	80%
NPS Low Income	54%	45%	51%	40%	37%	55%	86%
NPS All Students	86%	77%	80%	79%	74%	77%	94%
State African American Black	49%	29%	36%	37%	26%	30%	60%
State Students w/Disabilities	35%	19%	22%	19%	12%	13%	40%
State Low Income	52%	35%	40%	40%	28%	31%	49%
State All Students	68%	52%	61%	60%	50%	52%	79%