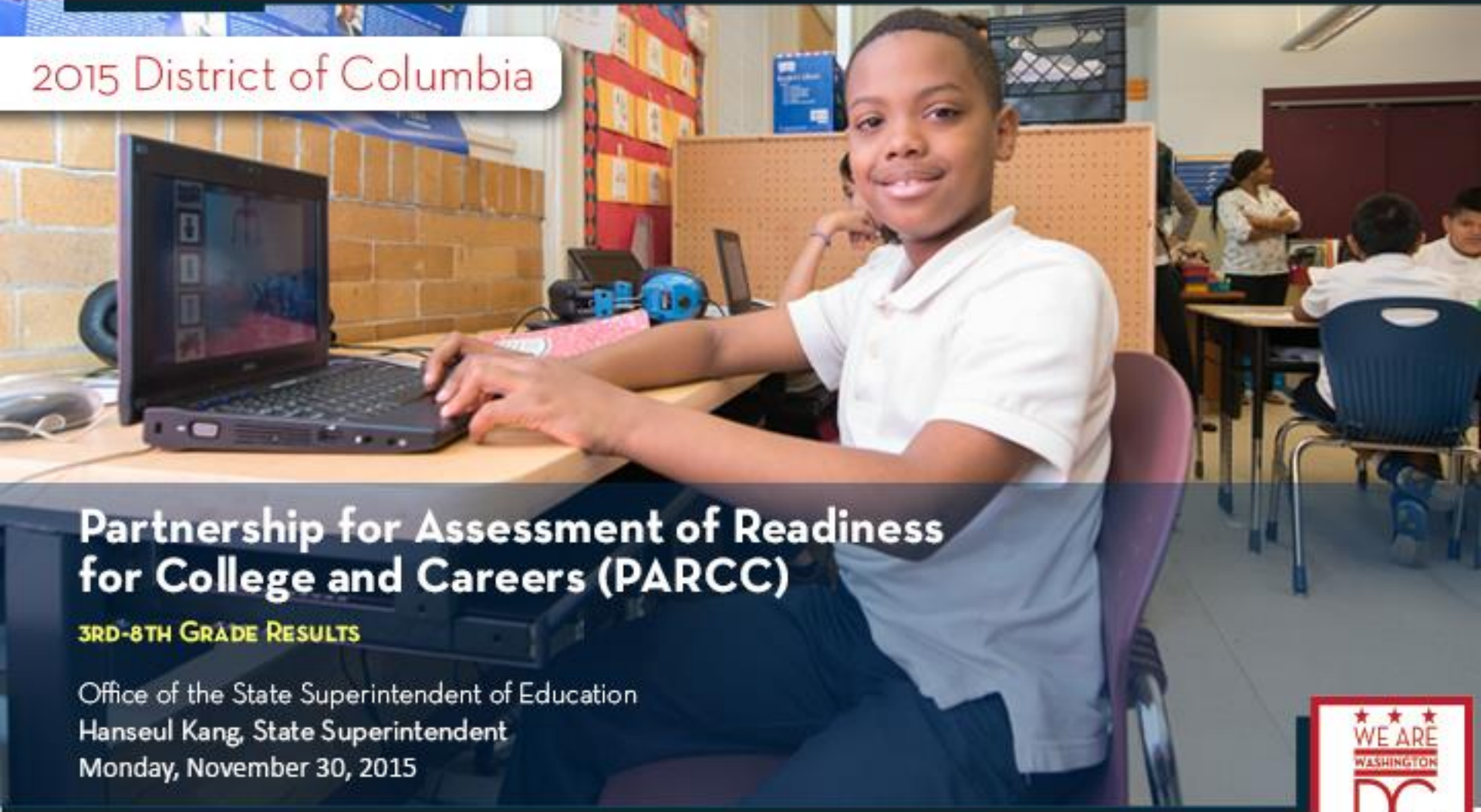




2015 District of Columbia



Partnership for Assessment of Readiness for College and Careers (PARCC)

3RD-8TH GRADE RESULTS

Office of the State Superintendent of Education
Hanseul Kang, State Superintendent
Monday, November 30, 2015





Background

- DC students and students in 11 other states took PARCC in the 2014-15 school year
 - AR, CO, IL, LA, MD, MA, MS, NJ, NM, OH, RI
- Required 2014-15 PARCC assessments:
 - English language arts/literacy and math in grades 3-8
 - English II and Geometry/Integrated Math II in high school
- OSSE is releasing statewide results, which include District of Columbia Public Schools and public charter schools



Comparing DC CAS and PARCC

- Across the country, too many of our students are reaching college and finding themselves unprepared for first year coursework
- PARCC presents a fuller and more authentic picture of student learning. For example, consider these 4th grade math questions:

DC CAS: Mike eats $\frac{1}{5}$ of a pizza. Laura eats $\frac{2}{5}$ of the same pizza. How much pizza is left over?

PARCC: A student's work to add the mixed numbers $1\frac{3}{4}$ and $2\frac{3}{4}$ is shown.

$$\begin{aligned}
 1\frac{3}{4} + 2\frac{3}{4} &= \frac{4}{4} + \frac{3}{4} + \frac{8}{4} + \frac{3}{4} \\
 &= \frac{4 + 3 + 8 + 3}{4 + 4 + 4 + 4} \\
 &= \frac{18}{16}
 \end{aligned}$$

Explain any errors you see in the work. Find the correct solution. Show your work or explain your answer.



Performance Levels

On Track for College and
Career Readiness ↑

PARCC Performance Levels	
Level 5	Exceeded expectations
Level 4	Met expectations
Level 3	Approached expectations
Level 2	Partially met expectations
Level 1	Did not yet meet expectations





How Was PARCC Administered in DC?

92 percent of DC students took PARCC online, outpacing most other states

of 3rd – 8th Grade ELA Assessments

3 rd	4 th	5 th	6 th	7 th	8 th
5,535	4,970	4,566	4,324	4,051	4,127

of 3rd – 8th Grade Math Assessments

3 rd	4 th	5 th	6 th	7 th	8 th
5,539	4,985	4,595	4,326	3,820	3,167





How Was PARCC Administered in DC?

92 percent of DC students took PARCC online, outpacing most other states

of 3rd – 8th Grade ELA Assessments

3 rd	4 th	5 th	6 th	7 th	8 th
5,535	4,970	4,566	4,324	4,051	4,127

of 3rd – 8th Grade Math Assessments

3 rd	4 th	5 th	6 th	7 th	8 th	ALG I	GEO
5,539	4,985	4,595	4,326	3,820	3,167	993	197





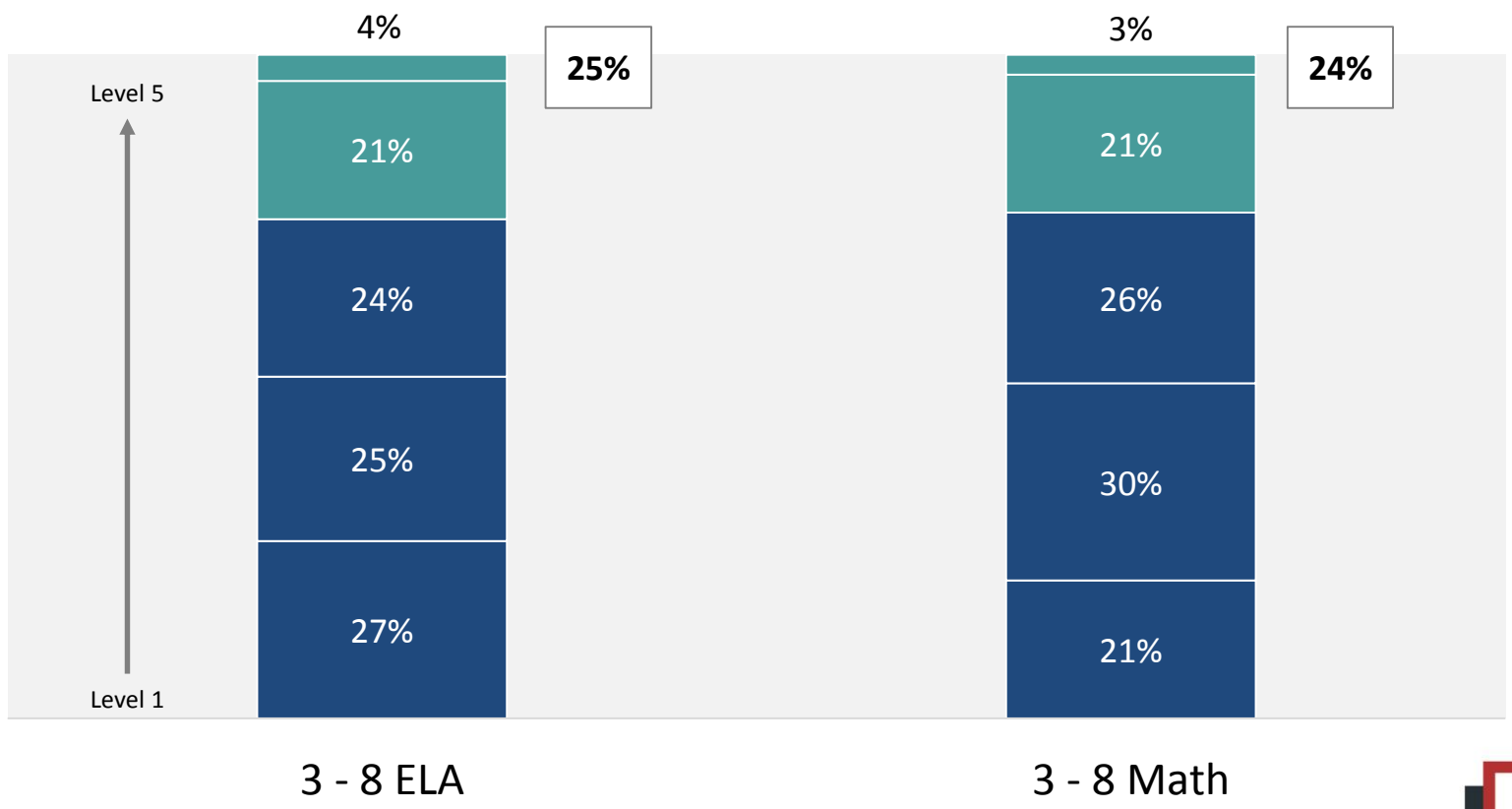
Takeaways

- Promising results at lower grades
- Advanced students doing very well
- We have much more work to do
- Our results will get better over time



Aggregate 3rd to 8th Grade Results

On Track for College and Career Readiness



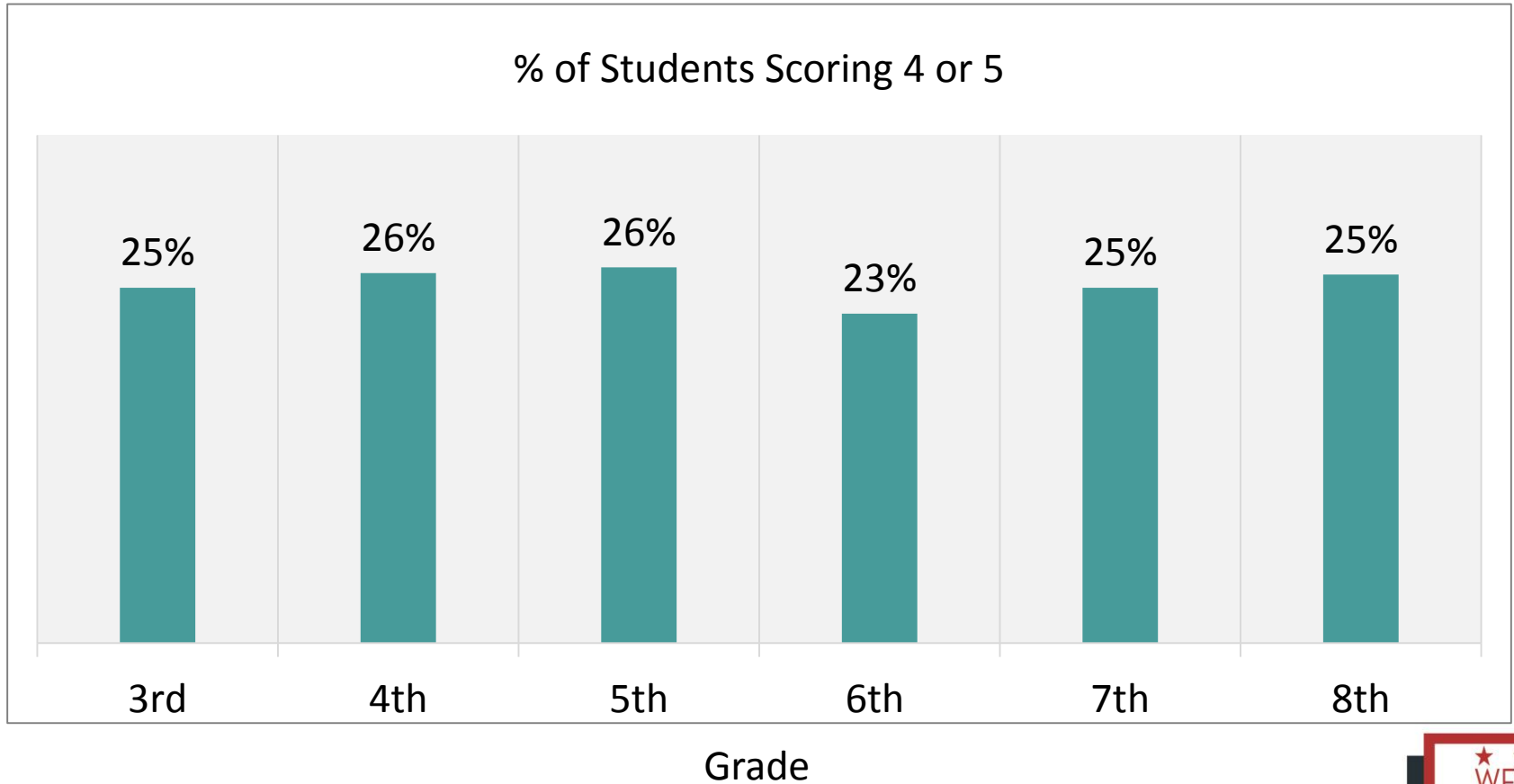


3rd – 8th English Language Arts Results



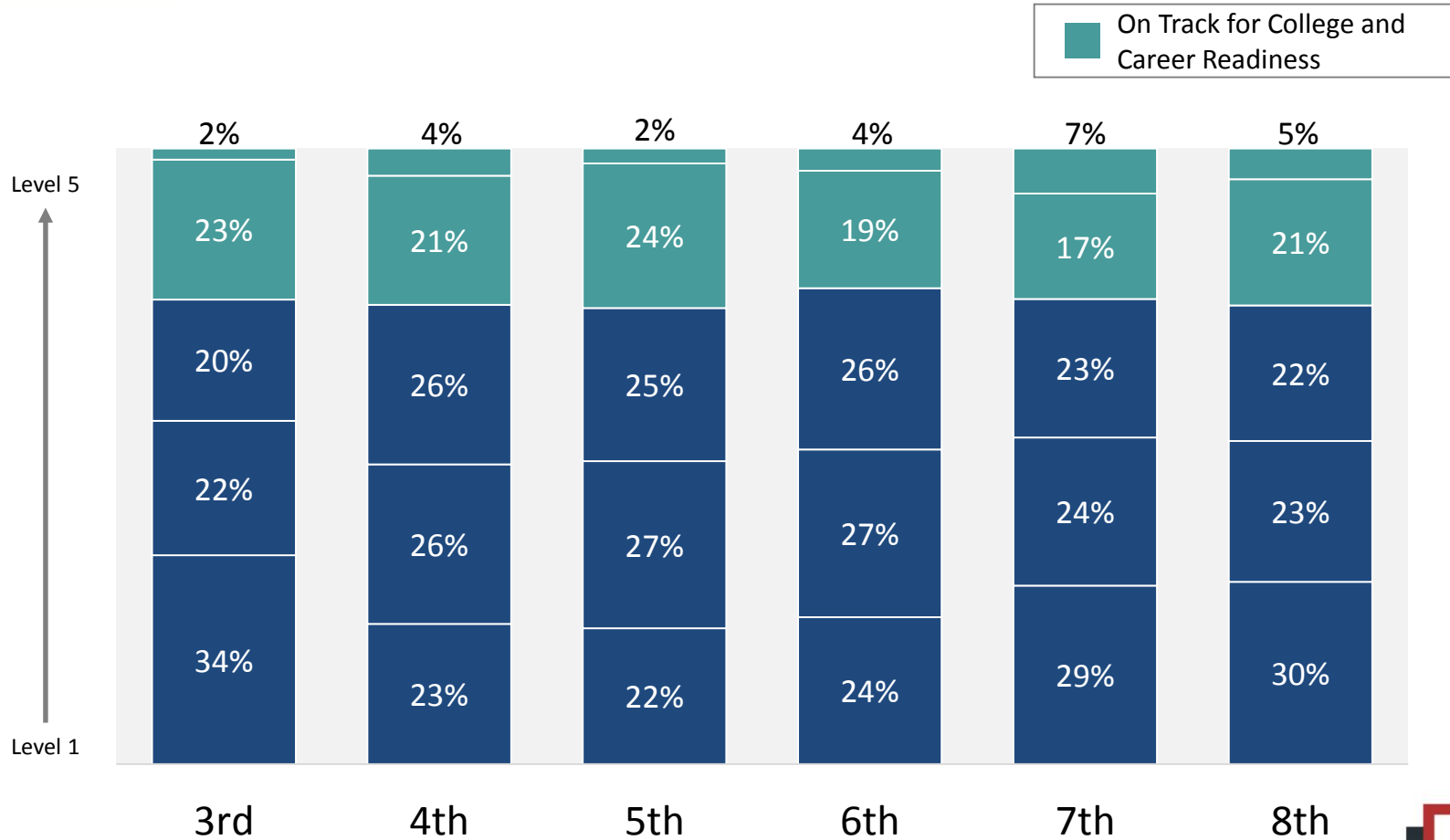


3-8 ELA Performance by Assessment



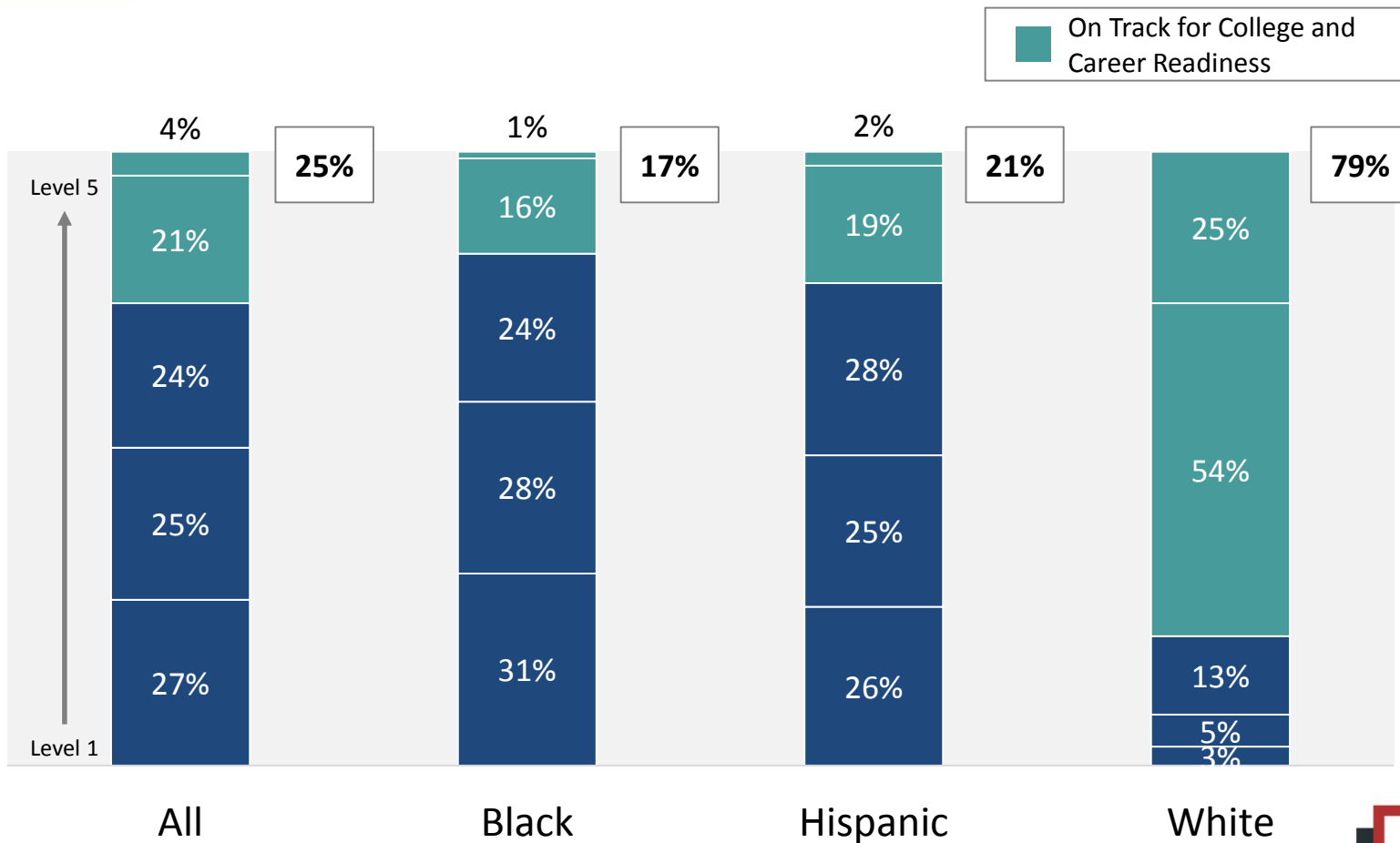


3-8 ELA Results by Assessment





3-8 ELA Results by Race/Ethnicity

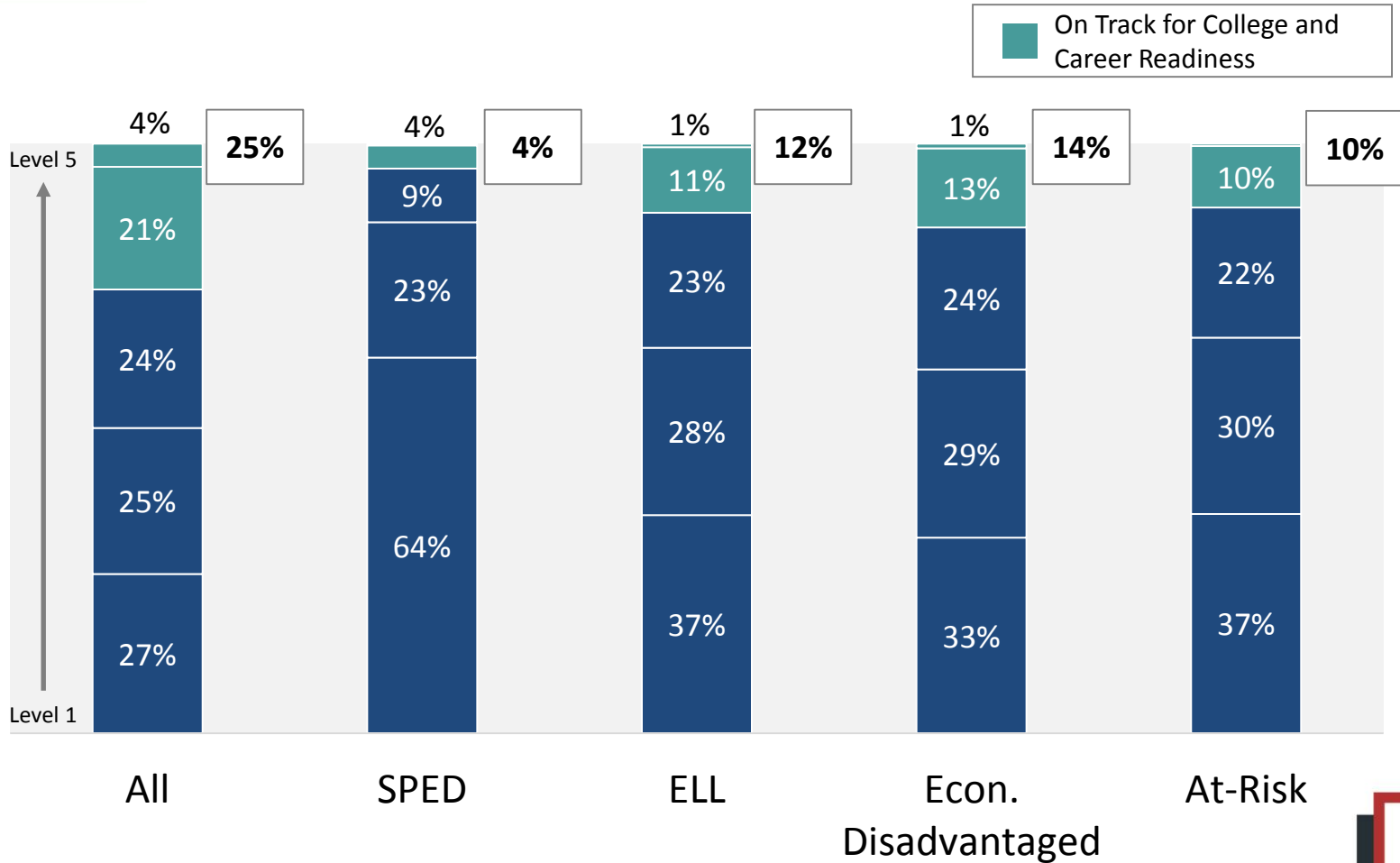


12 *Percentage of test takers by race/ethnicity: Black (N=19,874; 72%), Hispanic (N=4,056; 15%), White (N=2,670; 10%)





3-8 ELA Results by Special Population



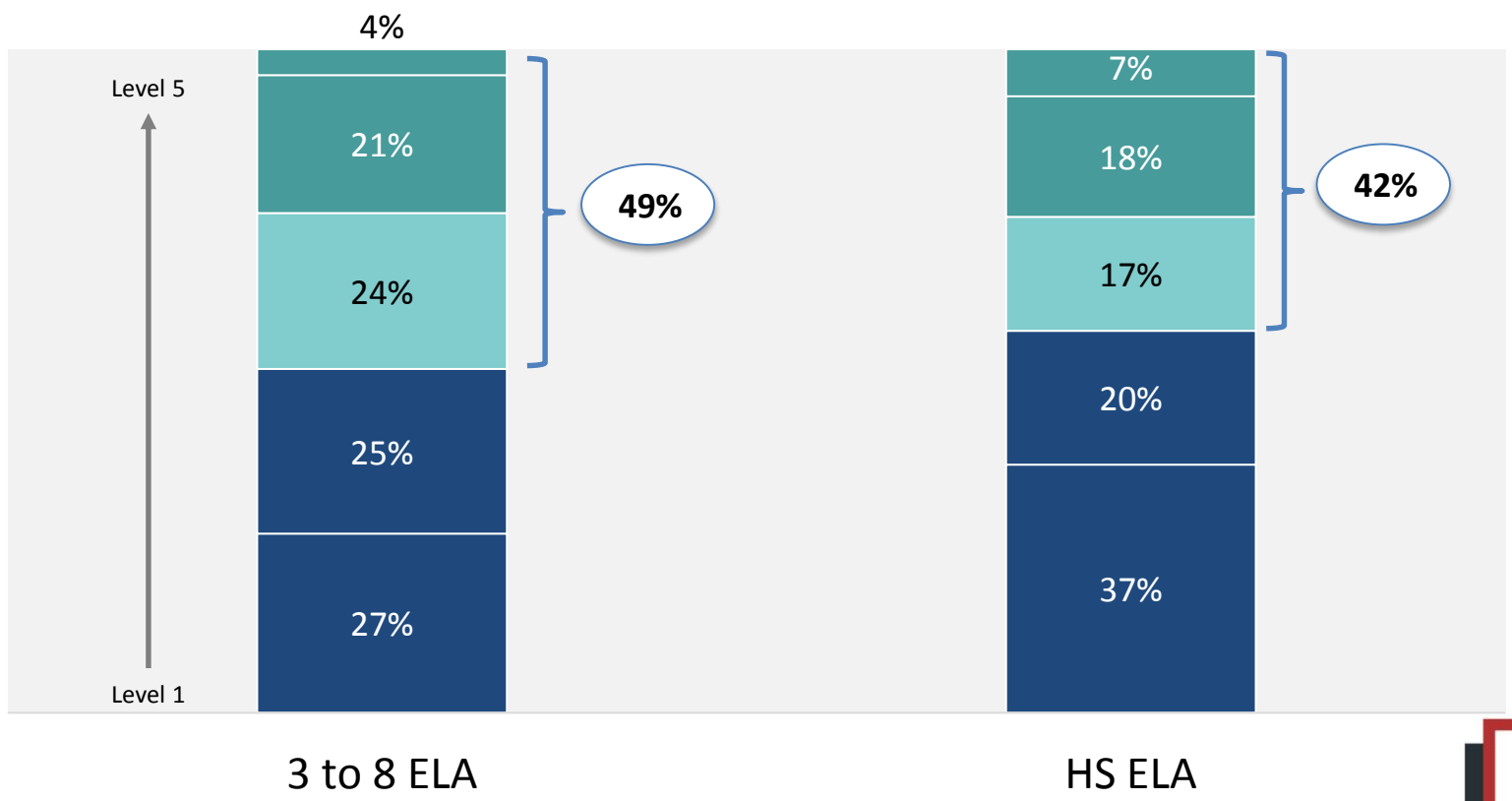
¹³*Percentage of test takers : SPED (N=4,427; 16%), ELL (N=2,833; 10%), Econ. Dis. (N=20,760; 75%), At-Risk (N=13,433; 49%)





ELA: 3rd - 8th Compared to HS Results

Due to the larger number of students exceeding, meeting, and approaching expectations in earlier grades, we are optimistic that results will improve over time



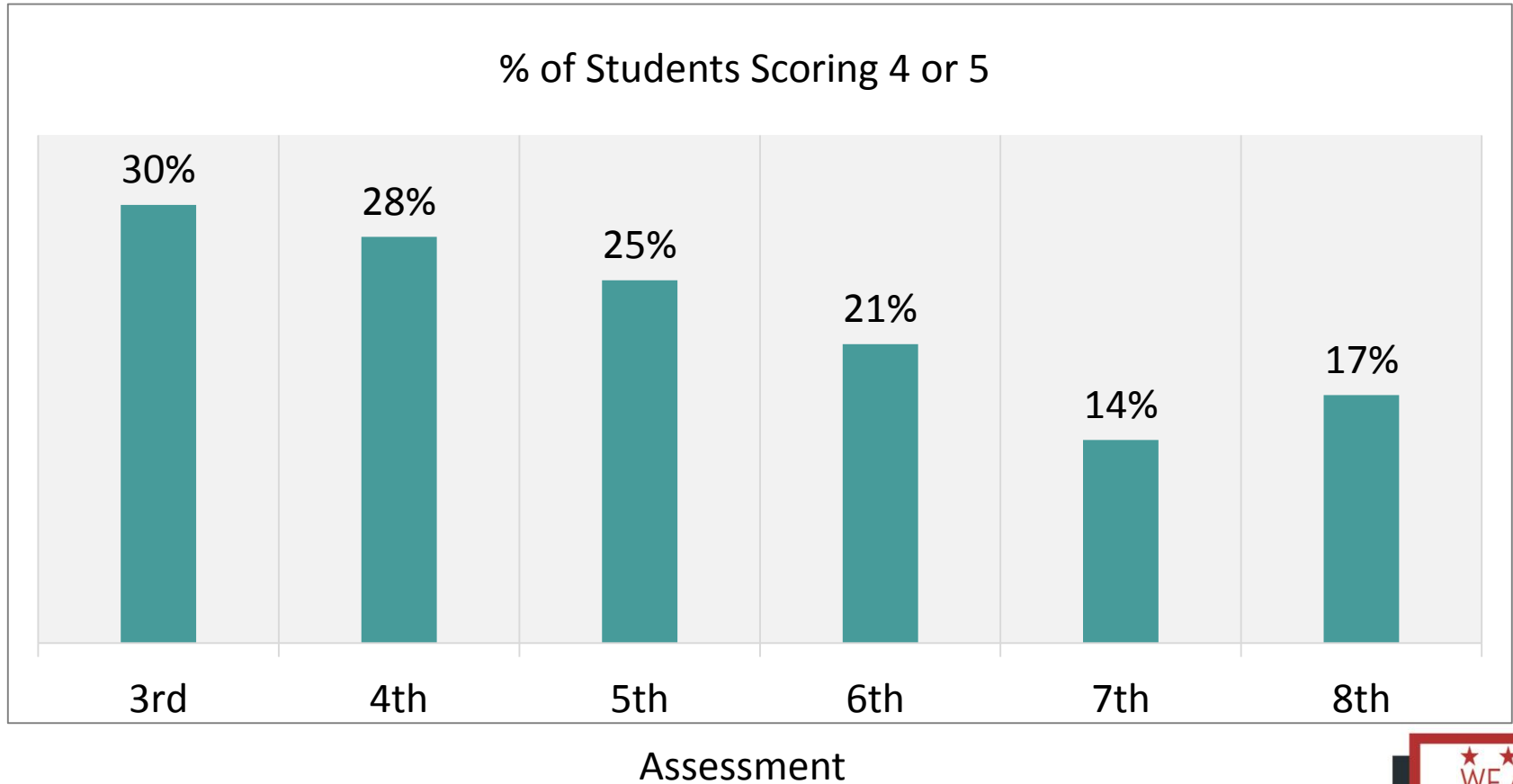


3rd – 8th Math Results





3-8 Math Performance by Assessment



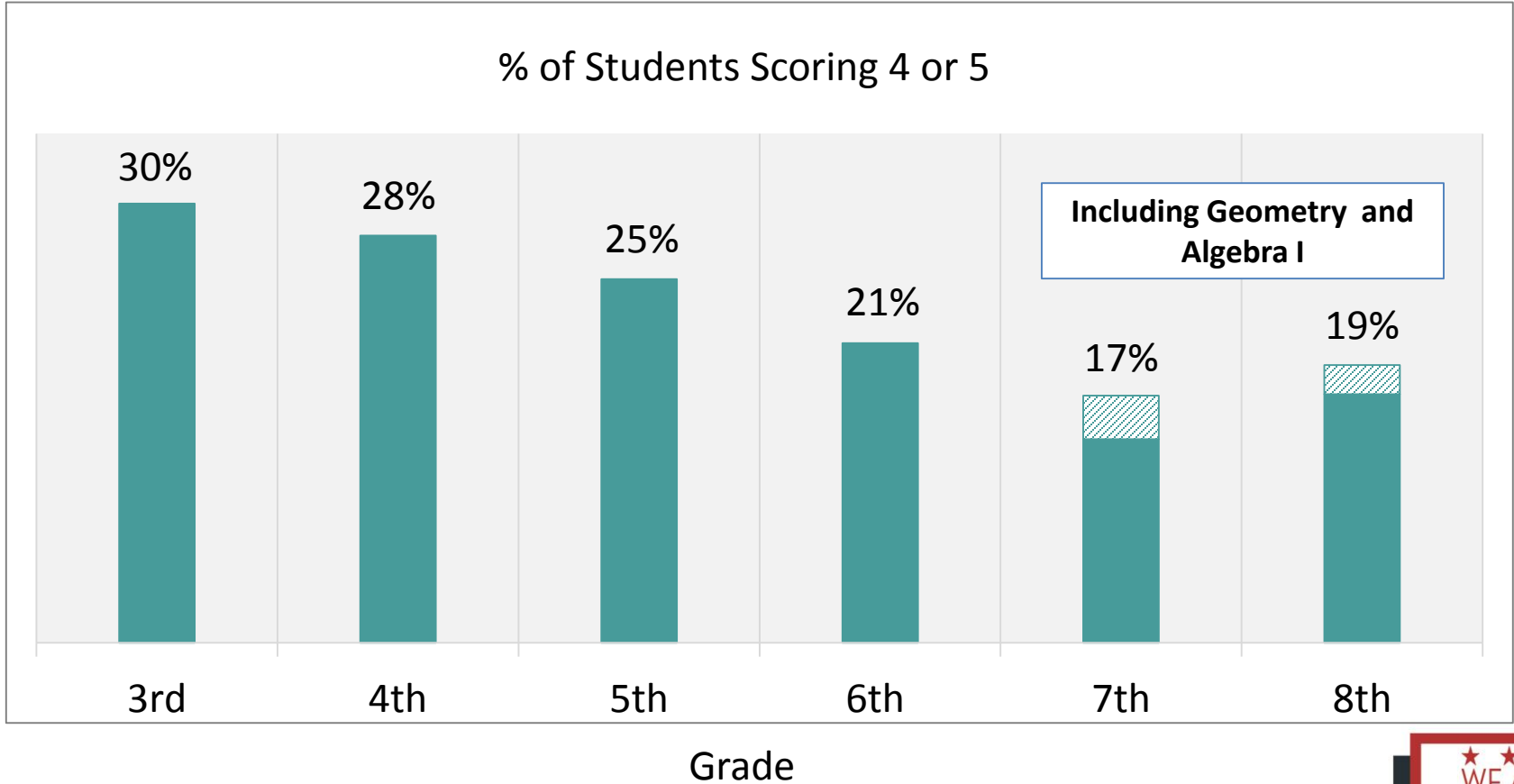
16 *7th/8th grade math results do not include Geometry or Algebra I





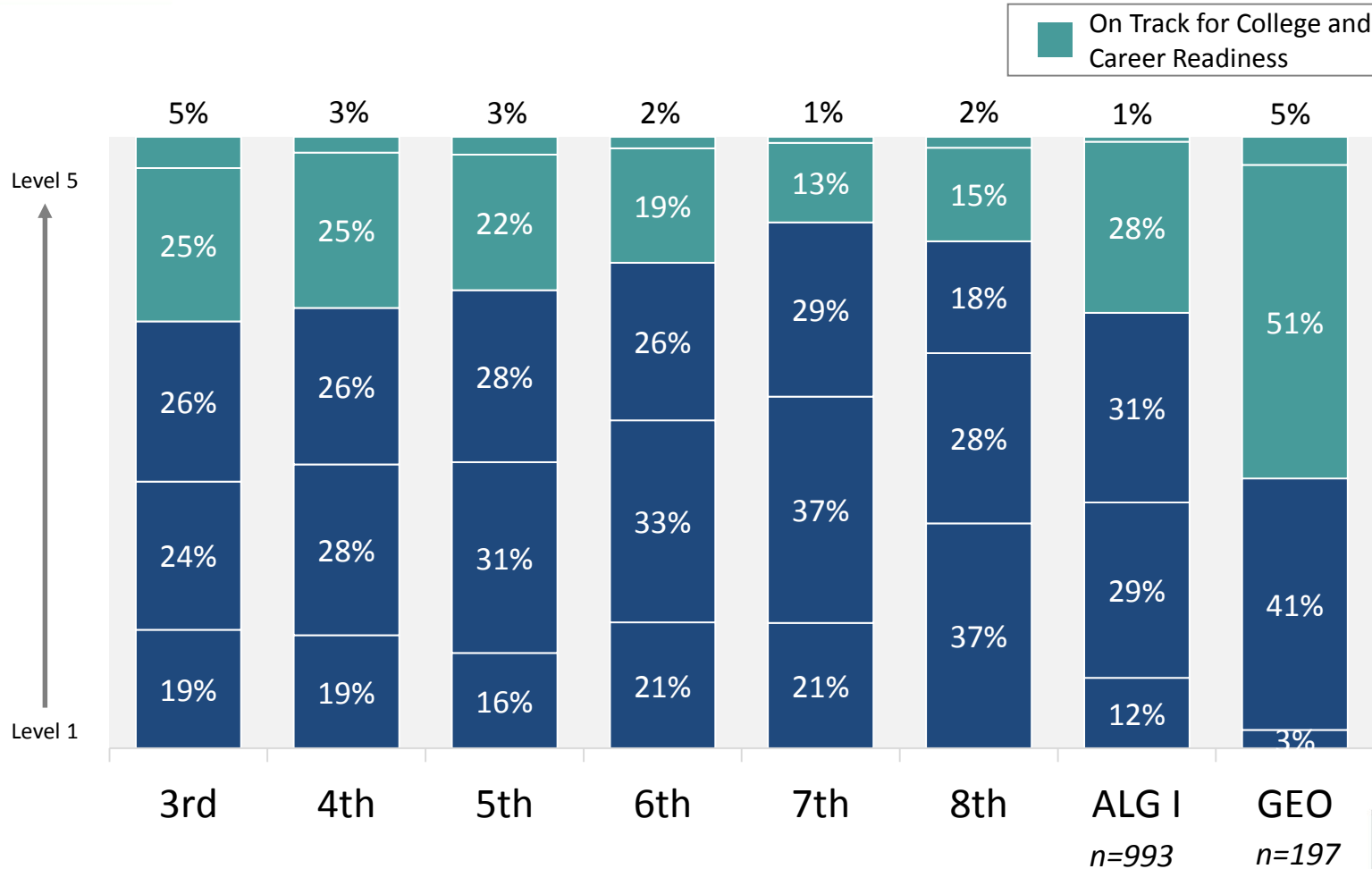
3-8 Math Performance by Grade

% of Students Scoring 4 or 5





3-8 Math Results by Assessment

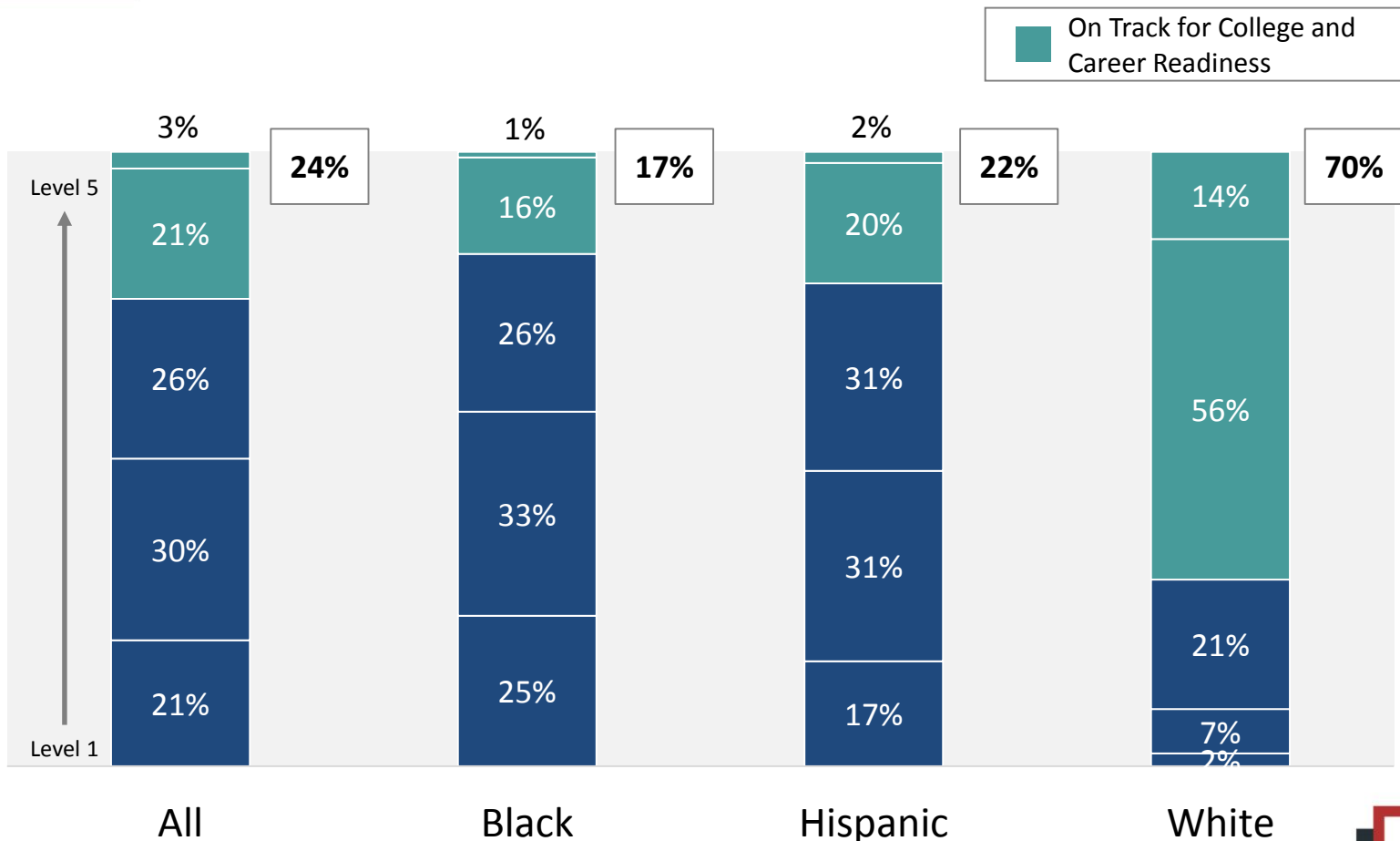


18 *Only 7th/8th grade test-takers are included in Algebra I and Geometry results





3-8 Math Results by Race/Ethnicity



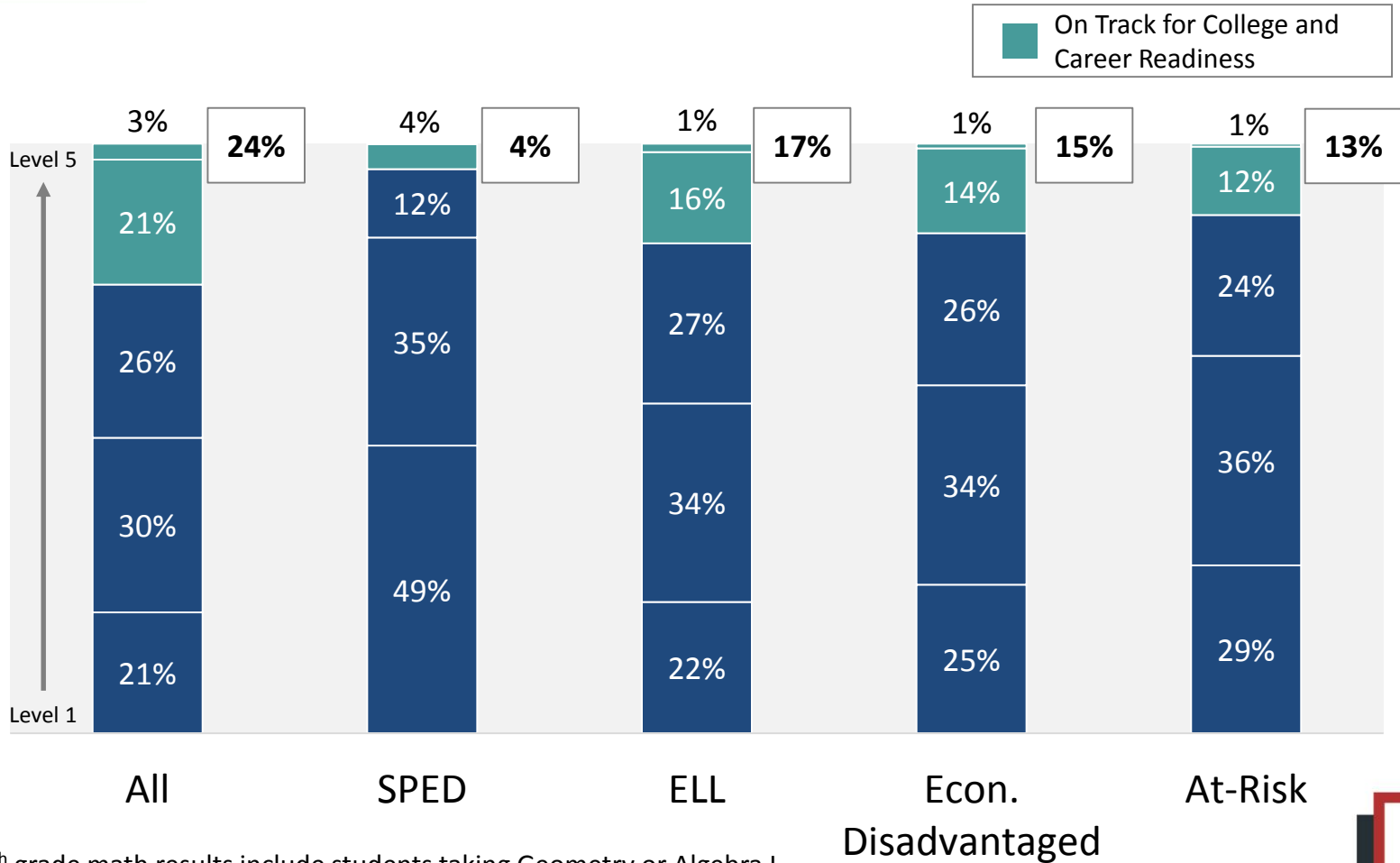
*7th/8th grade math results include students taking Geometry or Algebra I

*Percentage of test takers by race/ethnicity: Black (N=19,869; 72%), Hispanic (N=4,099; 15%), White (N=2,677; 10%)





3-8 Math Results by Special Population



*7th/8th grade math results include students taking Geometry or Algebra I

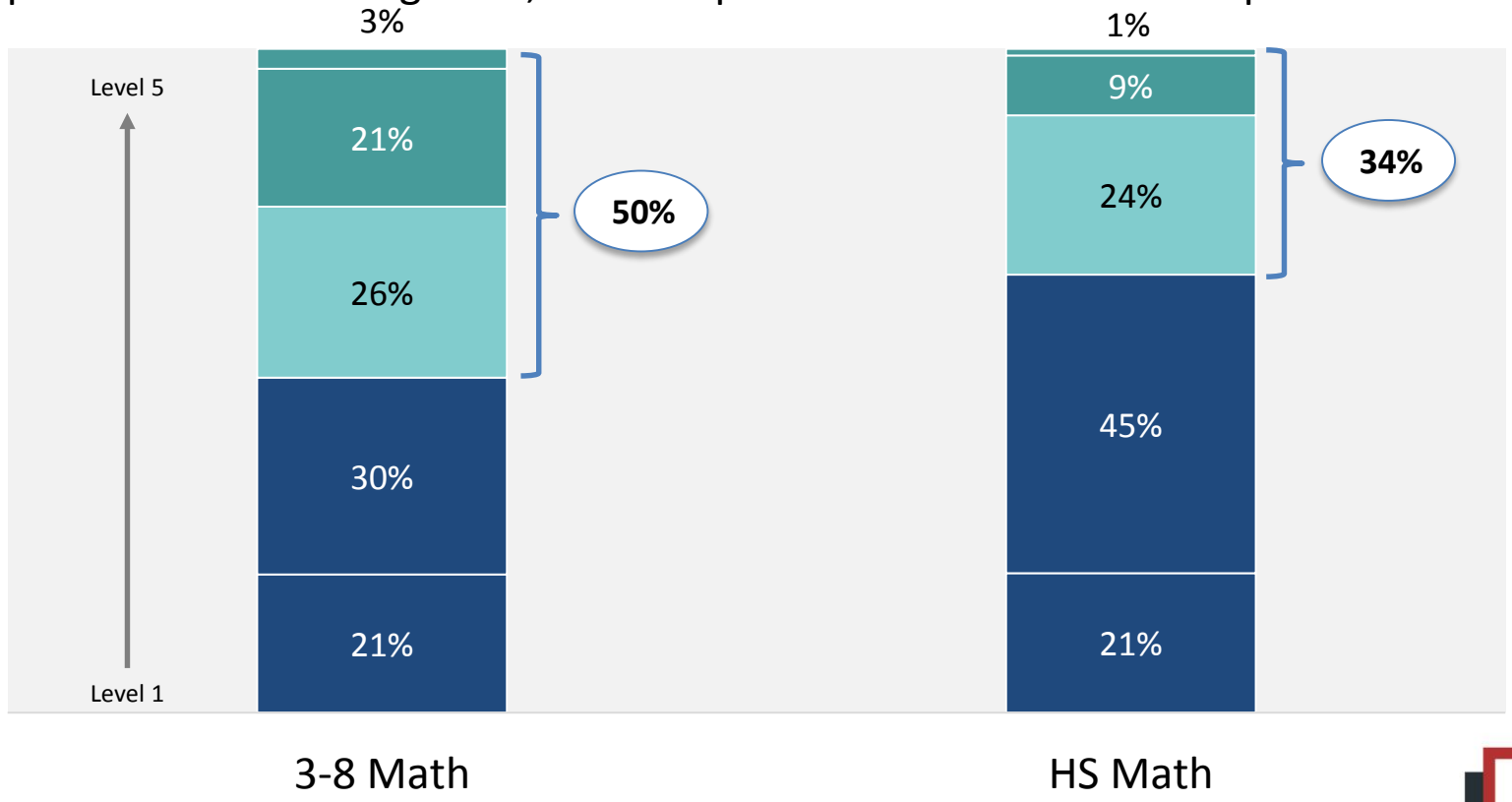
*Percentage of test takers: SPED (N=4,411; 16%), ELL (N=2,880; 10%), Econ. Dis. (N=20,799; 75%), At-Risk (N=13,438; 49%)





Math: 3rd - 8th Compared to HS Results

Due to the larger number of students exceeding, meeting, and approaching expectations in earlier grades, we are optimistic that results will improve over time

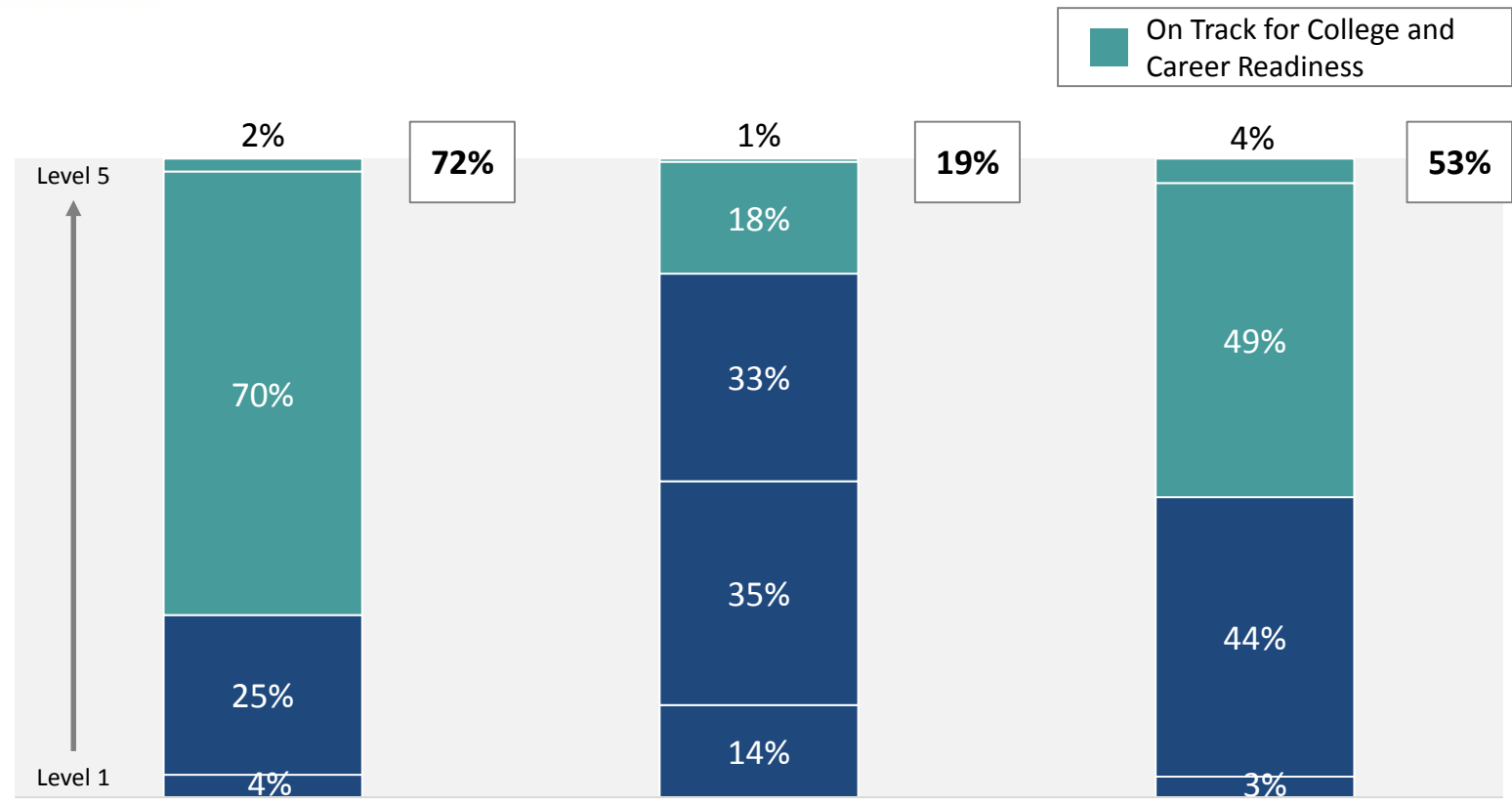


*HS math figures include 7th/8th grade Geometry results; 3-8 include 7th/8th grade Algebra I results





Advanced Math Assessments



7th Grade Algebra I

8th Grade Algebra I

8th Grade Geometry

*Number of test takers by assessment: 7th grade ALG I (N=200), 8th grade ALG I (N=793), 8th grade GEO (N=185)

*Fewer than 25 students took 7th Grade Geometry, so this data is suppressed





Takeaways

- Promising results at lower grades
- Advanced students doing very well
- We have much more work to do
- Our results will get better over time



Supporting the Needs of Our Students

- Important supports already in place
 - At-risk funding to support most vulnerable students
 - Early and effective implementation of Common Core State Standards
 - Universal access to pre-Kindergarten
 - Ongoing work of local education agencies and schools

- Pilot programs and new initiatives
 - Community schools
 - Early literacy grants
 - Increased focus on quality in early childhood education
 - DC STEM network





New Supports for Families and Educators

- Available today at osse.dc.gov/parcc
 - Video and other resources for families, educators, and schools to understand PARCC score reports and help support students
 - Score report templates and parent guides translated into multiple languages
 - Links to PARCC-provided resources, including extensive released test items with student work samples



PARCC Resources Available in December

- **Parents and families** will receive individual student PARCC score reports from schools and be able to view school-level PARCC results on My School DC
- **Public** will have access to an interactive platform to view overall and subgroup results at state, LEA, school level
- **LEAs and schools** will have access to student-level results by subcategory, also have options for providing access to **educators**





What's Next in 2016

- **Educators** will be able to log into platform and “drill down” to classroom and individual student results
- 2015-16 school year PARCC assessments will be administered for grades 3-8 and high school from **March 28 – May 20, 2016** with results available in summer 2016



Appendix





ELA: 3rd – 8th Grade Results by Sector

	Student Results by Performance Level						
	% at Level 1	% at Level 2	% at Level 3	% at Level 4	% at Level 5	% 3+	% 4+
Statewide	27%	25%	24%	21%	4%	48%	25%
Public Charter Schools (PCS)	22%	26%	27%	22%	3%	52%	25%
DCPS	31%	24%	21%	20%	5%	46%	25%





ELA: 3rd – 8th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	48%	25%	52%	25%	46%	25%
Black or African American	41%	17%	48%	21%	34%	13%
Hispanic/Latino	49%	21%	54%	22%	47%	21%
White	92%	79%	92%	80%	92%	79%
Special Education	13%	4%	18%	5%	10%	3%
English Language Learner	35%	12%	37%	11%	33%	12%
Economically Disadvantaged	38%	14%	46%	18%	33%	11%
At-Risk	33%	11%	41%	15%	27%	8%
Female	55%	29%	58%	29%	52%	29%
Male	42%	20%	46%	21%	39%	20%



ELA: 3rd Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	44%	25%	48%	26%	42%	24%
Black or African American	37%	17%	46%	23%	29%	12%
Hispanic/Latino	40%	17%	44%	18%	38%	16%
White	89%	71%	87%	71%	89%	71%
Special Education	14%	4%	20%	6%	10%	3%
English Language Learner	35%	15%	37%	13%	35%	15%
Economically Disadvantaged	34%	15%	43%	20%	28%	12%
At-Risk	28%	11%	39%	16%	21%	8%
Female	48%	27%	52%	28%	45%	27%
Male	41%	22%	45%	24%	39%	21%



ELA: 4th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	51%	26%	51%	22%	52%	28%
Black or African American	43%	16%	48%	17%	39%	15%
Hispanic/Latino	53%	23%	51%	23%	54%	23%
White	93%	79%	89%	79%	94%	79%
Special Education	14%	5%	19%	6%	10%	4%
English Language Learner	43%	14%	41%	12%	44%	15%
Economically Disadvantaged	41%	14%	46%	16%	38%	12%
At-Risk	35%	10%	40%	13%	32%	8%
Female	57%	29%	56%	26%	58%	32%
Male	46%	22%	46%	18%	46%	24%



ELA: 5th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	51%	26%	57%	29%	47%	24%
Black or African American	43%	17%	51%	22%	37%	13%
Hispanic/Latino	52%	23%	61%	27%	47%	20%
White	91%	80%	93%	82%	90%	80%
Special Education	15%	4%	22%	6%	10%	4%
English Language Learner	35%	10%	42%	8%	32%	10%
Economically Disadvantaged	41%	14%	48%	19%	36%	11%
At-Risk	36%	12%	44%	18%	30%	8%
Female	56%	31%	62%	34%	53%	28%
Male	45%	21%	52%	24%	41%	19%



ELA: 6th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	49%	23%	53%	23%	45%	23%
Black or African American	42%	15%	48%	18%	34%	12%
Hispanic/Latino	51%	20%	54%	20%	48%	21%
White	92%	79%	92%	78%	92%	80%
Special Education	12%	3%	16%	4%	8%	1%
English Language Learner	28%	9%	32%	9%	24%	9%
Economically Disadvantaged	39%	13%	46%	15%	33%	10%
At-Risk	34%	10%	42%	12%	26%	7%
Female	57%	27%	60%	27%	54%	28%
Male	41%	18%	45%	18%	37%	19%



ELA: 7th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	47%	25%	51%	25%	44%	24%
Black or African American	39%	16%	46%	20%	32%	12%
Hispanic/Latino	53%	22%	55%	20%	50%	24%
White	93%	84%	96%	85%	92%	83%
Special Education	13%	4%	15%	5%	11%	4%
English Language Learner	24%	6%	27%	5%	20%	8%
Economically Disadvantaged	37%	14%	44%	17%	31%	11%
At-Risk	32%	11%	39%	14%	26%	8%
Female	54%	29%	56%	28%	52%	30%
Male	40%	20%	46%	21%	36%	19%



ELA: 8th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	48%	25%	53%	27%	43%	24%
Black or African American	41%	18%	50%	24%	33%	14%
Hispanic/Latino	53%	26%	58%	27%	50%	25%
White	94%	86%	95%	84%	94%	86%
Special Education	12%	5%	14%	6%	11%	4%
English Language Learner	32%	11%	40%	15%	24%	7%
Economically Disadvantaged	38%	15%	46%	20%	31%	12%
At-Risk	35%	13%	44%	18%	27%	9%
Female	57%	32%	62%	34%	52%	30%
Male	38%	19%	43%	20%	35%	18%



Math: 3rd – 8th Grade Results by Sector

	Student Results by Performance Level						
	% at Level 1	% at Level 2	% at Level 3	% at Level 4	% at Level 5	% 3 +	% 4 +
Statewide	21%	30%	26%	21%	3%	50%	24%
Public Charter Schools (PCS)	16%	30%	28%	23%	2%	54%	26%
DCPS	24%	30%	24%	20%	3%	47%	23%

37 *Figures include 7th and 8th graders who took Geometry and Algebra I





Math: 3rd – 8th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	50%	24%	54%	26%	47%	23%
Black or African American	42%	17%	51%	22%	35%	12%
Hispanic/Latino	52%	21%	53%	21%	51%	22%
White	91%	70%	91%	71%	91%	69%
Special Education	16%	4%	21%	6%	12%	3%
English Language Learner	44%	17%	41%	13%	46%	19%
Economically Disadvantaged	41%	15%	48%	20%	36%	12%
At-Risk	36%	12%	44%	17%	30%	8%
Female	52%	25%	56%	26%	50%	24%
Male	47%	23%	52%	25%	44%	22%

38 *Figures include 7th and 8th graders who took Geometry and Algebra I



Math: 3rd Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	56%	30%	59%	31%	55%	30%
Black or African American	49%	23%	57%	30%	43%	17%
Hispanic/Latino	56%	25%	56%	24%	56%	26%
White	92%	73%	93%	68%	92%	74%
Special Education	21%	6%	30%	8%	16%	5%
English Language Learner	54%	24%	51%	19%	56%	26%
Economically Disadvantaged	48%	22%	55%	28%	45%	18%
At-Risk	42%	17%	51%	25%	37%	13%
Female	57%	29%	59%	30%	56%	29%
Male	56%	31%	59%	33%	54%	31%



Math: 4th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	54%	28%	56%	28%	52%	28%
Black or African American	45%	20%	53%	26%	39%	15%
Hispanic/Latino	59%	26%	56%	21%	60%	28%
White	91%	72%	92%	66%	91%	74%
Special Education	19%	7%	27%	10%	13%	5%
English Language Learner	53%	21%	47%	13%	56%	25%
Economically Disadvantaged	44%	18%	51%	23%	40%	15%
At-Risk	38%	14%	46%	20%	33%	10%
Female	56%	29%	58%	29%	55%	30%
Male	51%	27%	53%	27%	50%	27%



Math: 5th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	53%	25%	59%	28%	49%	23%
Black or African American	46%	17%	54%	23%	40%	13%
Hispanic/Latino	53%	22%	57%	22%	51%	22%
White	90%	72%	90%	68%	91%	75%
Special Education	19%	5%	21%	6%	17%	4%
English Language Learner	43%	12%	40%	9%	44%	13%
Economically Disadvantaged	45%	16%	52%	20%	40%	13%
At-Risk	40%	13%	47%	19%	36%	10%
Female	55%	26%	59%	28%	52%	25%
Male	51%	24%	58%	28%	47%	22%



Math: 6th Grade Results

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	46%	21%	50%	22%	43%	20%
Black or African American	39%	13%	46%	17%	30%	9%
Hispanic/Latino	50%	19%	45%	15%	54%	23%
White	91%	71%	92%	76%	91%	69%
Special Education	15%	4%	20%	5%	10%	2%
English Language Learner	34%	14%	33%	13%	36%	14%
Economically Disadvantaged	37%	12%	42%	14%	31%	9%
At-Risk	32%	9%	38%	11%	26%	6%
Female	49%	22%	51%	23%	47%	22%
Male	44%	19%	48%	21%	39%	17%



Math: 7th Grade Results (All Tests)

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	45%	17%	51%	19%	41%	15%
Black or African American	38%	10%	46%	14%	29%	6%
Hispanic/Latino	48%	16%	53%	18%	44%	15%
White	92%	67%	95%	75%	91%	63%
Special Education	13%	3%	18%	4%	9%	2%
English Language Learner	27%	7%	29%	7%	24%	7%
Economically Disadvantaged	36%	9%	44%	13%	29%	6%
At-Risk	32%	6%	40%	10%	24%	3%
Female	49%	18%	52%	19%	46%	17%
Male	42%	17%	49%	19%	35%	14%



Math: 7th Grade Results (7th Math)

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	43%	14%	51%	19%	34%	9%
Black or African American	37%	10%	46%	14%	27%	5%
Hispanic/Latino	47%	15%	53%	18%	41%	12%
White	88%	59%	95%	75%	80%	40%
Special Education	13%	2%	18%	4%	8%	1%
English Language Learner	26%	5%	29%	7%	21%	3%
Economically Disadvantaged	36%	9%	44%	13%	28%	5%
At-Risk	31%	6%	40%	10%	24%	3%
Female	46%	14%	52%	19%	39%	9%
Male	39%	14%	49%	19%	29%	8%



Math: 7th Grade Results (Algebra I)

		Aggregate Student Performance by Sector					
		State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All		97%	72%	n<25	n<25	97%	71%
Black or African American		89%	47%	n<25	n<25	89%	46%
Hispanic/Latino		n<25	n<25	n<25	n<25	n<25	n<25
White		100%	80%	n<25	n<25	100%	80%
Special Education		n<25	n<25	n<25	n<25	n<25	n<25
English Language Learner		n<25	n<25	n<25	n<25	n<25	n<25
Economically Disadvantaged		88%	60%	n<25	n<25	88%	60%
At-Risk		n<25	n<25	n<25	n<25	n<25	n<25
Female		97%	71%	n<25	n<25	97%	71%
Male		96%	72%	n<25	n<25	96%	71%



Math: 7th Grade Results (Geometry)

Total number of test takers state-wide was 12, so data are not reportable





Math: 8th Grade Results (All Tests)

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	41%	19%	51%	27%	33%	12%
Black or African American	35%	15%	48%	24%	24%	6%
Hispanic/Latino	41%	17%	52%	25%	34%	12%
White	87%	56%	84%	72%	88%	50%
Special Education	8%	2%	12%	4%	6%	1%
English Language Learner	26%	10%	40%	16%	15%	5%
Economically Disadvantaged	32%	13%	45%	21%	22%	5%
At-Risk	29%	10%	42%	18%	19%	4%
Female	45%	21%	55%	30%	37%	14%
Male	37%	16%	46%	24%	30%	10%



Math: 8th Grade Results (8th Math)

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	35%	17%	51%	28%	14%	3%
Black or African American	33%	15%	49%	25%	14%	3%
Hispanic/Latino	38%	17%	53%	26%	15%	2%
White	74%	59%	84%	72%	n<25	n<25
Special Education	7%	2%	12%	4%	3%	1%
English Language Learner	27%	10%	40%	16%	10%	2%
Economically Disadvantaged	30%	13%	46%	22%	13%	2%
At-Risk	27%	10%	42%	19%	12%	2%
Female	40%	20%	55%	31%	18%	4%
Male	30%	14%	47%	25%	11%	2%



Math: 8th Grade Results (Algebra I)

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	51%	18%	35%	12%	53%	19%
Black or African American	47%	14%	35%	11%	50%	15%
Hispanic/Latino	41%	14%	n<25	n<25	41%	15%
White	86%	45%	n<25	n<25	85%	44%
Special Education	20%	2%	n<25	n<25	21%	2%
English Language Learner	18%	5%	n<25	n<25	18%	5%
Economically Disadvantaged	40%	12%	30%	8%	42%	12%
At-Risk	41%	11%	34%	6%	43%	13%
Female	53%	20%	39%	12%	55%	21%
Male	48%	16%	31%	11%	50%	17%



Math: 8th Grade Results (Geometry)

	Aggregate Student Performance by Sector					
	State 3+	State 4+	PCS 3+	PCS 4+	DCPS 3+	DCPS 4+
All	97%	53%	n<25	n<25	97%	53%
Black or African American	89%	12%	n<25	n<25	88%	12%
Hispanic/Latino	n<25	n<25	n<25	n<25	n<25	n<25
White	98%	61%	n<25	n<25	98%	61%
Special Education	n<25	n<25	n<25	n<25	n<25	n<25
English Language Learner	n<25	n<25	n<25	n<25	n<25	n<25
Economically Disadvantaged	n<25	n<25	n<25	n<25	n<25	n<25
At-Risk	n<25	n<25	n<25	n<25	n<25	n<25
Female	96%	51%	n<25	n<25	96%	51%
Male	98%	55%	n<25	n<25	98%	55%