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AN UPHILL CLIMB FOR DC SCHOOLS: A LOOK AT DC CAS TEST SCORE TRENDS

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Introduction

An analysis of standardized test scores in all DC publicly funded schools — including DC Public Schools and DC public charter schools — shows that the share of students scoring at a proficient level at the typical school fell slightly between 2008 and 2012. Among all 152 schools in existence in both years, one-third saw a notable decline in proficiency, one-third had modest changes, and another third saw notable increases. While student performance on standardized tests is only one measure of educational success, test scores are the primary measure used by school leaders, policymakers, and the general public to assess whether schools are moving their students towards higher levels of academic achievement from year to year.

This paper examines the share of students scoring at the “proficient” or “advanced” level on the DC Comprehensive Assessment System (DC CAS) test. This analysis examines proficiency rates in 2008 and 2012 for publicly funded schools, including both DC Public Schools (DCPS) and public charter schools (PCS). The DC CAS tests are taken by students in the spring of each school year to measure their academic proficiency in English language arts, mathematics, science, and health. Student scores are divided into four performance levels – Below Basic, Basic, Proficient, and Advanced – and those scoring at “proficient” or “advanced” are counted in the proficiency rate. For the purpose of this four-year trend analysis, only reading and math scores were studied; these subject area tests are administered to students in grades 2-10 and grades 3-8 and 10, respectively.

The unit of analysis for this paper is the individual school. Rather than examining average scores across all schools, this analysis looks at changes in math and reading proficiency at the median, or mid-point school. For any measure in this analysis, half of all schools performed below the median, while the other half performed above the median. This analysis examines test score changes by age level (elementary school, middle school, high school), by system (DCPS or Public Charter) and by ward. It also analyzes changes in proficiency rates based on each school’s performance level in 2008 to see how schools at different starting points progressed over the four years. The analysis is limited to schools that were in operation in both 2008 and 2012, which means that it does not include new schools or schools that have closed since 2008.

Among the key findings are:

- **The median proficiency level among all publicly funded DC schools fell slightly from 2008 to 2012.** Overall proficiency — the average of math and reading proficiency — in the typical DC school fell from 41.8 percent in 2008 to 41.2 percent in 2012.
- **Math proficiency improved, while reading proficiency fell.** The decline in overall proficiency was driven by a drop in reading proficiency at the elementary level. The typical math proficiency rate increased across all age levels, with the most dramatic growth seen at the typical middle school. Reading scores fell in the typical elementary school, but rose at the typical middle school and high school.
- **The typical public charter school showed improvement in proficiency, while the typical DCPS school declined.** The typical DCPS school saw losses for both reading and math proficiency across age levels, except for middle school math. The typical public charter school saw gains in both math and reading across the four-year period, with the exception of reading proficiency at the typical public charter high school, which stayed roughly level.
- **The typical DC schools east of the Anacostia River and in Ward 4 saw proficiency declines.** Schools in Wards 4, 5, 7, and 8 fell behind in median proficiency levels — between two and six percentage points — while the typical school in all other wards saw increases.
- **The lowest scoring schools in 2008 saw modest growth, while those in the middle saw declines.** The lowest performing schools in 2008 experienced a modest increase in proficiency levels, 3.8 percentage points between 2008 and 2012. However, this growth still left these schools with very low scores in 2012. The schools in the broad middle in 2008 faced declining proficiency rates, while the top performers saw a small increase over the four years.

It is worth noting that there has been tremendous variation in the changes in proficiency levels in DC's publicly funded schools. In every grouping analyzed — age levels, ward, and DCPS and DCPCS — there are schools where proficiency improved during the four-year period and schools where proficiency declined.

Some caveats are needed. The DC CAS scores presented here do not follow student from grade to grade, so they can be misleading when looking at trends over time. The elementary school students tested in 2008, for example, are not the same as those tested in 2012. Movement of students moving from school to school also means that test scores for an individual school may or may not reflect the success of that school. For example, a child may attend Kindergarten to second grade at a low performing school, and then move to a new, higher performing school for third grade. As a result, their third grade scores at the new school may actually be more reflective of their previous school. Finally, this 2008-2012 trend analysis excludes over 30 schools that were created after 2008.

With these issues noted, this analysis can still illustrate how DC schools are faring on one particular measure, the DC CAS, and help put into context how far we have to go to improve these scores in the next few years.

The Typical Publicly Funded DC School Saw No Progress in Proficiency Over Four Years

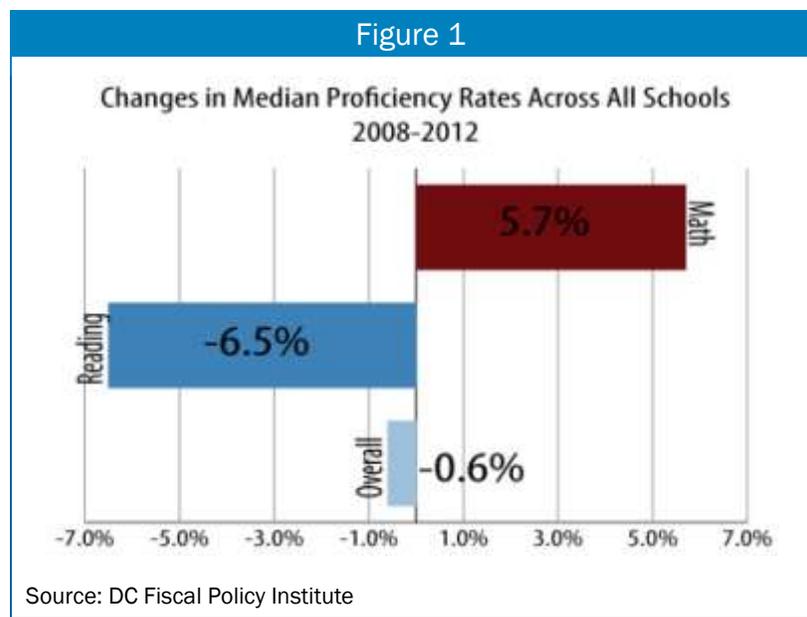
A review of DC CAS scores for 109 DCPS schools and 43 PCS schools show that overall proficiency in the typical DC school fell slightly between 2008 and 2012. This was driven by declines in reading scores at the elementary level.

- **Overall proficiency saw a slight decrease.** The median proficiency level among all schools fell from 41.8 percent in 2008 to 41.2 percent in 2012. (See Figure 1.)
- **Math proficiency levels improved, but reading proficiency scores declined.** The median math proficiency level among all schools increased by 5.7 percentage points, from 39.3 percent in 2008 to 44.9 percent in 2012. But the typical school reading proficiency level declined by 6.5 percentage points, falling from 44.9 percent in 2008 to 38.4 percent in 2012. (See Figure 1.)

- **Reading scores fell in the typical elementary school, but rose at the typical middle school and high school.** The decline in reading proficiency was led by a drop at the elementary level, where the median school proficiency level fell from 44.9 percent to 38.3 percent. The median reading proficiency rate also fell for PK-8 and other education campuses.

Reading proficiency levels increased at the typical middle school, from 43.2 percent in 2008 to 47 percent in 2012, and in the typical high school, from 27.4 percent to 33.1 percent. (See Table 1.)

- **Math proficiency rates increased across school types, with the most dramatic growth at the typical middle school.** The typical math proficiency level among middle schools rose from 42.7 percent in 2008 to 61.2 percent in 2012. High schools grew the least, with the typical school math proficiency level increasing from 28.6 percent to 31.6 percent. Both elementary schools and education campuses saw five percentage point increases in median school math proficiency. (See Table 1.)



Changes in Proficiency Levels Varied Greatly from School to School

While the median proficiency level among publicly funded schools fell slightly between 2008 and 2012, there was a tremendous amount of diversity, with some schools experiencing notable increases but others seeing significant declines. Note that proficiency levels for all schools included in the analysis are listed in the Appendix.

	Math 2008	Math 2012	Reading 2008	Reading 2012
Elementary	38.7%	43.8%	44.9%	38.3%
Middle	42.7%	61.2%	43.2%	47.0%
High	28.6	31.6	27.4	31.1%
Education Campus	43.2%	47.8%	49.4%	39.4%
Median Proficiency Rate Across Schools	39.3%	44.9%	44.9%	38.4%

- **One-third of all publicly funded schools saw at least a five percentage point decline in proficiency over the four-year period.** Of the 152 schools analyzed, 50 schools had proficiency declines this large. Of these 50, 39 were DCPS schools and 11 were PCS schools.
- **Nearly one-third of schools experienced at least a five percentage point increase in overall proficiency.** The 46 schools with proficiency level increases of this magnitude were evenly divided between DCPS and PCS schools, with 23 in each sector.
- **The overall proficiency rates of the remaining schools in the city stayed relatively stable.** The other 56 schools saw either a decline or increase in proficiency levels of under five percentage points over the four-year time period.

The Typical Public Charter School Improved More Than the Typical DCPS School

The proficiency level of the typical charter school improved between 2008 and 2012, while the proficiency level of the typical DCPS school fell. Yet even among public charter schools, the median proficiency level is just about 50 percent.

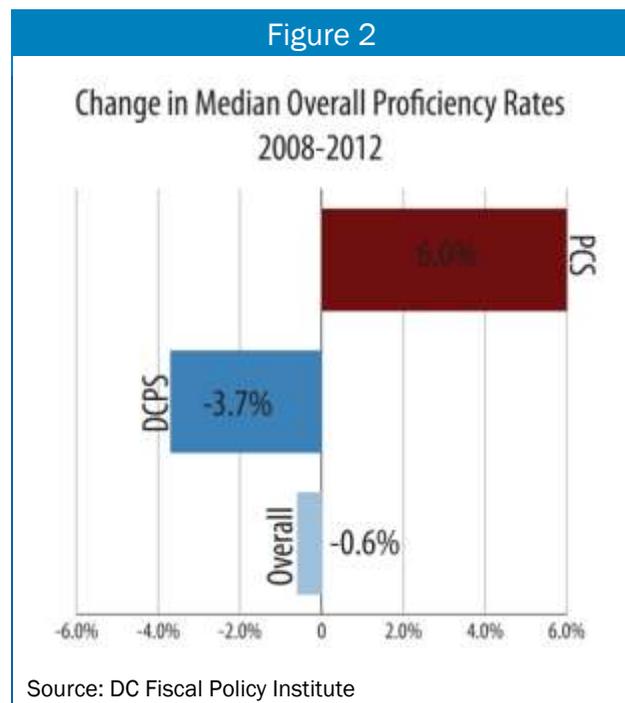
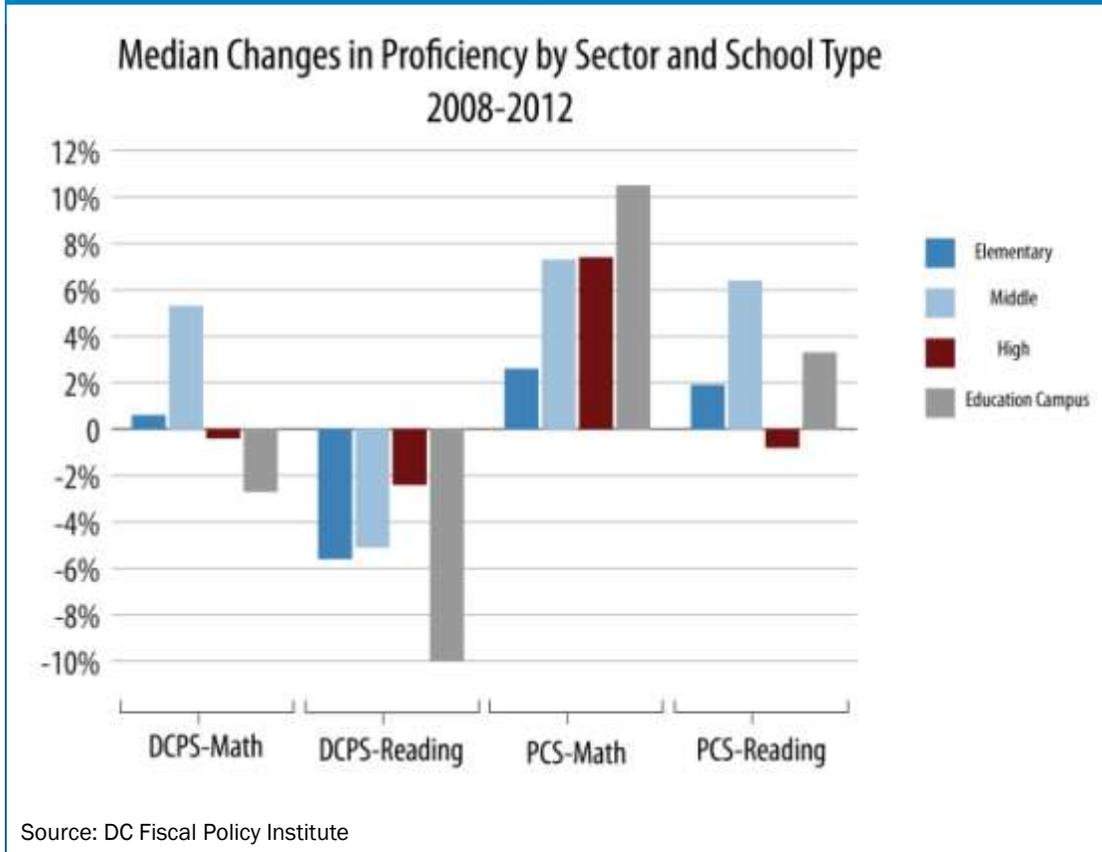


Figure 3



- **The typical PCS school gained while the typical DCPS school fell behind.** The median proficiency level among PCS schools rose from 44.2 percent in 2008 to 50.2 percent in 2012. The typical DCPS school proficiency level fell from 40.4 percent to 36.7 percent during this period. (See Figure 2.)
- **DCPS schools saw losses for both reading and math scores across age levels, except for middle school math.** Reading proficiency levels fell between 2008 and 2012 for the typical school at all age levels in DCPS, with the sharpest decline of 10 percentage points for education campuses, from 49.4 percent to 39.4 percent. DCPS math scores also fell or stayed stable, with the notable exception of middle school math, for which the median proficiency level rose from 42.7 percent in 2008 to 61.2 percent in 2012. (See Figure 3.)
- **At almost every grade level in math and reading, PCS schools saw gains.** With the exception of reading proficiency among public charter high schools, which stayed roughly level, the median proficiency level rose for public charter schools in both math and reading across the four-year period. The typical charter school had a greater improvement in math proficiency than in reading proficiency (See Figure 3.)

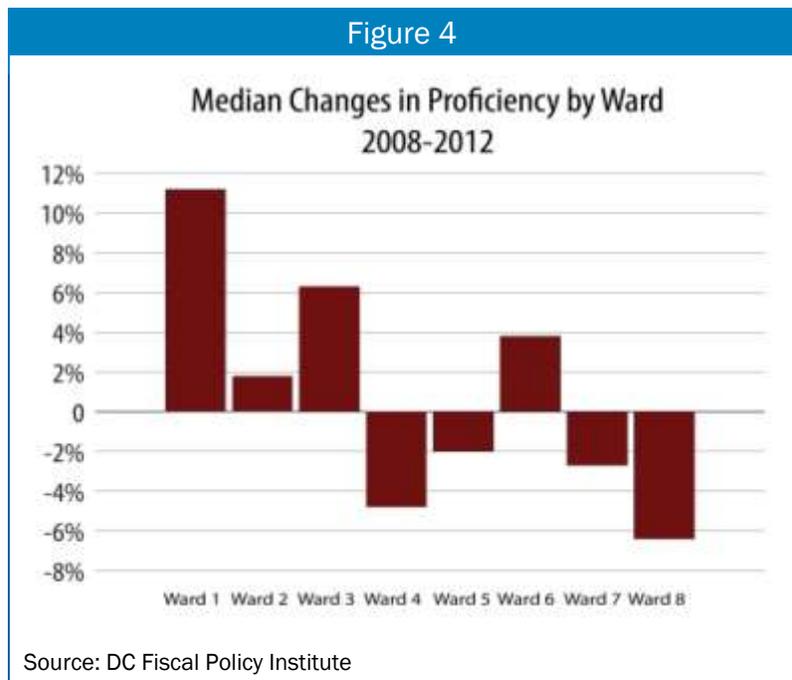
The Typical DC School East of the Anacostia River and in Ward 4 Lost Ground since 2008

There are schools in every ward where the proficiency rate improved from 2008 to 2012, but also schools where the proficiency rate declined. Overall, the median proficiency level fell among publicly funded schools in Wards 4, 5, 7, and 8, parts of the District with high rates of poverty, while increasing in schools in other wards. Research shows there is a connection between poverty and academic outcomes – mostly because children living in poverty experience a high level of risk factors that can impact their ability to learn.

- **Schools in Wards 4, 5, 7, and 8 face declining proficiency levels.** The median proficiency level in these wards fell between two and six percentage points between 2008 and 2012. This is of concern because the median scores in Wards 7 and 8 were the lowest among all wards in 2008. (See Figure 4.)

- **Typical school proficiency level grew the most in Wards 1 and 3.** Schools in Wards 1, 2, 3, and 6 all saw increases in median proficiency rates. The highest gain in median proficiency was among Ward 1 schools,

where the median proficiency rate grew from 45.0 percent in 2008 to 56.1 percent in 2012. The second largest increase in student proficiency was in Ward 3, where the median proficiency rate grew from 77.0 percent to 83.3 percent over four years.



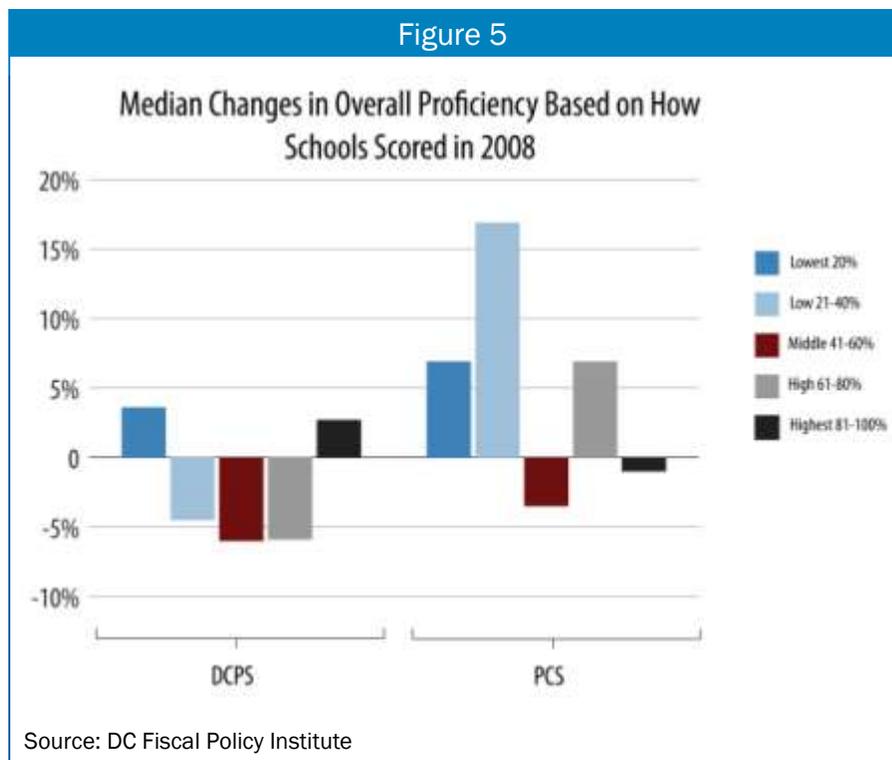
The Lowest Scoring Schools in 2008 Saw Modest Growth, While Those in the Middle Saw Declines

Another way to assess changes in proficiency levels since 2008 is to analyze changes based on each school's proficiency level in 2008. For this analysis, all publicly funded schools were grouped into five equal segments based on their overall proficiency level in 2008. The overall proficiency rate for the lowest 20 percent of schools was less than 25.7 percent in 2008. The top 20 percent of schools in 2008 had overall proficiency above 63.6 percent. See Table 2 for the proficiency rate ranges in 2008 and typical changes over four years for each quintile segment, followed by some key findings.

Table 2		
Ranges of 2008 Overall Proficiency Rates and Median Growth by School Quintile		
School Quintiles	Range of 2008 DC CAS Proficiency Rates	Median Growth/Decline for All Schools, 2008-2012
1 (lowest rates)	0.0% - 25.7%	↑ 3.8%
2 (low)	25.8% - 37.1%	↓ 2.9%
3 (middle)	37.2% - 47.0%	↓ 5.4%
4 (high)	47.1% - 63.5%	↓ 4.2%
5 (highest rates)	63.6% - 97.7%	↑ 1.7%

- **The lowest scoring schools saw modest growth in proficiency.** The median change in proficiency level across the four year period was 3.8 percentage points among schools that scored in the lowest quintile in 2008. (See Figure 5.) These relatively modest increases still left these schools with very low proficiency rates. Among schools with lowest rates in 2008, the median proficiency level in 2012 was just 21.4 percent.

- **Schools in the broad middle faced declining proficiency rates.** Among schools in the second, third, and fourth quintile based on 2008 proficiency rates, the median school proficiency rate fell between 2008 and 2012. The top quintile of schools in 2008, by contrast, experienced a small increase in proficiency rates during this period.



- **Lowering performing charter schools saw more improvement than lower performing DCPS schools.** Public charter schools that fell in the lowest 40 percent of schools by scores in 2008 saw increases in proficiency rates between 2008 and 2012, while DCPS schools in the bottom 20 percent experienced more modest progress and DCPS schools in the second 20 percent saw proficiency scores fall. (See Figure 5.)

Implications for DC Education Policy

DC Public Schools released a “Capital Commitment” [plan](#) in 2012 to guide DCPS over the next five years, including the ambitious goal of increasing proficiency rates at the 40 lowest performing schools by 40 percentage points by 2017. While setting such a high bar is commendable, it is not clear what steps will be taken to achieve this rate of progress. Given the DC CAS score trends over the past four years, it would appear that DCPS needs to undertake substantial changes to the way it operates to make this goal a reality. Here are a few considerations for policymakers:

- **Improvement Strategies Should Include a Blend of Instructional and Non-Instructional Supports to Address the Needs of Low-Income Students.** The current DCPS focus on what goes on in the classroom, including teacher quality and curriculum, is undoubtedly important. However, many students in low-income communities face a range of complex issues, from food insecurity to high level of stress, that greatly affect their ability to succeed in the classroom. As DC leaders look to policy solutions to improve student achievement, it is critical to acknowledge the role of key non-instructional services that can help these children be better prepared to participate in school. This could mean greater investment in mental health services, out-of-school time programs, and parent engagement efforts in public schools, to name a few.
- **Consider Putting More Resources Into Low-Performing Schools.** The DC Deputy Mayor for Education has commissioned a study to analyze the cost of providing an “adequate” public education in the District. The study, which will be completed by September 2013, could include recommendations to change the Uniform Per Student Funding Formula, which has not been updated since 2008, and offer a template for a working group to update the formula on a regular basis in the future. It may also make key recommendations to change the way the needs of certain students are “weighted” or given additional funds because of greater levels of need, like we do now for English language learners and students in special education. Residents and policymakers should follow the outcomes of this study and voice their support for changes to the formula that could lead to additional resources for low-income students who are not performing at grade level.

Appendix Table 1

DC CAS Proficiency Rates by School for 2008 and 2012

Note: Gray highlighting indicates which schools were excluded from the analysis

Sector	School Name	Ward	School Type	2008 DC CAS			2012 DC CAS		
				Overall Proficiency 2008	Math 2008	Reading 2008	Overall Proficiency 2012	Math 2012	Reading 2012
PCS	Achievement Preparatory Academy PCS	8	MS				76.9%	86.00%	67.90%
DCPS	Aiton ES	7	ES	58.2%	57.90%	58.40%	19.1%	20.60%	17.50%
DCPS	Amidon-Bowen ES	6	ES	22.9%	22.50%	23.30%	19.3%	16.80%	21.80%
DCPS	Anacostia SHS	8	HS	17.1%	13.80%	20.40%	14.5%	12.00%	16.90%
PCS	Arts and Technology PCS	7	ES	47.5%	49.10%	45.80%	34.9%	30.70%	39.00%
DCPS	Ballou SHS	8	HS	20.5%	18.40%	22.60%	21.4%	22.80%	20.00%
DCPS	Bancroft ES	1	ES	55.8%	58.60%	53.00%	42.2%	49.40%	35.10%
DCPS	Barnard ES (Lincoln Hill Cluster)	4	ES	60.2%	55.10%	65.30%	57.1%	58.30%	55.80%
DCPS	Beers ES	7	ES	44.7%	37.40%	52.00%	47.0%	46.10%	47.80%
DCPS	Benjamin Banneker SHS	1	HS	97.6%	98.10%	97.10%	91.7%	96.80%	86.60%
PCS	Booker T. Washington PCS	1	HS	14.6%	11.40%	17.80%	26.3%	21.10%	31.60%
DCPS	Brent ES	6	ES	45.7%	47.50%	43.80%	71.8%	71.80%	71.80%
DCPS	Brightwood EC	4	EC	37.1%	27.80%	46.40%	36.7%	39.40%	34.10%
DCPS	Brookland EC at Bunker Hill	5	EC	59.7%	61.30%	58.00%	37.4%	37.60%	37.10%
DCPS	Browne EC	5	EC	26.1%	25.00%	27.20%	20.6%	21.80%	19.40%
DCPS	Bruce-Monroe ES at Park View	1	ES	45.7%	48.30%	43.10%	34.2%	40.60%	27.90%
DCPS	Burroughs EC	5	EC	62.1%	59.80%	64.30%	54.0%	55.00%	53.00%
DCPS	Burrville ES	7	ES	45.9%	47.50%	44.20%	35.4%	34.60%	36.20%
DCPS	C.W. Harris ES	7	ES	28.2%	25.00%	31.40%	17.4%	19.40%	15.30%
PCS	Capital City PCS - Lower	1	EC	75.3%	73.00%	77.60%	65.1%	62.30%	67.80%
PCS	Capital City PCS - Upper	1	HS				48.7%	48.70%	48.70%
DCPS	Cardozo SHS	1	HS	24.8%	26.60%	23.00%	28.6%	31.60%	25.50%
PCS	Center City PCS - Brightwood Campus	4	EC				48.6%	51.80%	45.30%
PCS	Center City PCS - Capitol Hill Campus	6	EC				48.9%	48.10%	49.60%
PCS	Center City PCS - Congress Heights Campus	8	EC				33.9%	33.60%	34.30%
PCS	Center City PCS - Petworth Campus	4	EC				53.4%	57.50%	49.30%
PCS	Center City PCS - Shaw Campus	2	EC				38.8%	41.30%	36.40%
PCS	Center City PCS - Trinidad Campus	5	EC				41.1%	41.50%	40.70%
PCS	Cesar Chavez PCS - Bruce Prep Campus	1	MS	30.6%	30.60%	30.60%	60.0%	72.90%	47.00%
PCS	Cesar Chavez PCS - Capitol Hill Campus	6	HS	31.1%	31.50%	30.60%	48.0%	56.00%	40.00%
PCS	Cesar Chavez PCS - Parkside Campus	7		27.2%	26.60%	27.80%	49.2%	55.70%	42.70%
DCPS	Cleveland ES	1	ES	68.3%	63.50%	73.00%	70.9%	74.50%	67.30%
DCPS	Columbia Heights EC	1	EC				44.0%	47.60%	40.30%

Appendix Table 1 (cont'd)

DC CAS Proficiency Rates by School for 2008 and 2012

Sector	School Name	Ward	School Type	2008 DC CAS			2012 DC CAS		
				Overall Proficiency 2008	Math 2008	Reading 2008	Overall Proficiency 2012	Math 2012	Reading 2012
PCS	Community Academy PCS - Amos I	4	ES	55.5%	58.90%	52.00%	50.2%	51.60%	48.80%
PCS	Community Academy PCS - Amos III	5	EC				27.4%	25.00%	29.90%
PCS	Community Academy PCS - Butler Bilingual	1	ES				61.0%	63.20%	58.80%
PCS	Community Academy PCS - Online	4	EC	56.9%	43.10%	70.60%	63.7%	61.30%	66.10%
PCS	Community Academy PCS - Rand Tech	5	ES	37.7%	37.10%	38.30%	30.6%	25.80%	35.50%
DCPS	Coolidge SHS	4	HS	37.3%	47.60%	27.00%	33.1%	31.60%	34.60%
PCS	D.C. Bilingual PCS	1	ES	17.2%	3.40%	31.00%	50.0%	45.50%	54.50%
PCS	D.C. Preparatory Academy PCS - Edgewood Elementary Campus	5	ES	32.9%	21.10%	44.70%	73.4%	71.90%	75.00%
PCS	D.C. Preparatory Academy PCS - Edgewood Middle Campus	5	MS	56.9%	59.70%	54.10%	80.4%	88.80%	71.90%
DCPS	Davis ES	7	ES	34.4%	33.00%	35.70%	29.9%	25.40%	34.30%
DCPS	Deal JHS	3	MS	77.8%	76.90%	78.60%	83.4%	84.70%	82.10%
DCPS	Drew ES	7	ES	10.2%	7.60%	12.70%	12.9%	4.80%	21.00%
DCPS	Dunbar Pre-Engineering	5					33.3%	25.00%	41.70%
DCPS	Dunbar SHS	5	HS	21.7%	19.40%	23.90%	23.1%	19.00%	27.10%
PCS	E.L. Haynes PCS - Georgia Avenue Campus	1	EC	63.6%	67.10%	60.00%	62.3%	65.80%	58.90%
PCS	Eagle Academy PCS - New Jersey Avenue Campus	6	ES				31.1%	24.30%	37.80%
PCS	Early Childhood Academy PCS - Walter Washington Campu	8	ES				32.3%	32.30%	32.30%
DCPS	Eaton ES	3	ES	68.9%	63.80%	73.90%	84.6%	83.80%	85.50%
DCPS	Eliot-Hine MS	6	MS	32.9%	36.20%	29.50%	30.8%	37.30%	24.40%
DCPS	Ellington School of the Arts	2	HS	64.4%	52.30%	76.50%	65.8%	58.30%	73.40%
PCS	Elsie Whitlow Stokes Community Freedom PCS	5	ES	57.2%	60.00%	54.40%	61.0%	62.30%	59.80%
PCS	Excel Academy PCS	8	ES				58.1%	62.80%	53.50%
DCPS	Ferebee Hope ES	8	ES	31.9%	30.40%	33.30%	20.3%	21.90%	18.80%
DCPS	Francis - Stevens EC	2	EC	45.8%	43.30%	48.20%	50.7%	49.60%	51.80%
PCS	Friendship PCS - Blow-Pierce	7	EC	45.3%	40.40%	50.20%	40.0%	47.90%	32.10%
PCS	Friendship PCS - Chamberlain	6	EC	33.8%	31.80%	35.80%	47.6%	53.90%	41.40%
PCS	Friendship PCS - Collegiate	7	HS	27.8%	29.10%	26.50%	46.8%	52.80%	40.70%
PCS	Friendship PCS - SouthEast Academy	8	ES	29.6%	27.00%	32.20%	40.0%	48.70%	31.40%
PCS	Friendship PCS - Tech Prep	8	MS				42.4%	50.80%	34.10%

Appendix Table 1(cont'd)

DC CAS Proficiency Rates by School for 2008 and 2012

Sector	School Name	Ward	School Type	2008 DC CAS			2012 DC CAS		
				Overall Proficiency 2008	Math 2008	Reading 2008	Overall Proficiency 2012	Math 2012	Reading 2012
PCS	Friendship PCS - Woodridge	5	EC	53.1%	54.40%	51.80%	50.2%	48.90%	51.50%
DCPS	Garfield ES	8	ES	26.1%	24.90%	27.20%	10.6%	11.80%	9.40%
DCPS	Garrison ES	2	ES	56.5%	55.60%	57.30%	47.8%	50.70%	44.80%
DCPS	H.D. Cooke ES	1	ES	39.4%	42.60%	36.10%	29.9%	29.10%	30.70%
DCPS	Hardy MS	2	MS	67.2%	63.10%	71.30%	65.6%	68.40%	62.80%
DCPS	Hart MS	8	MS	16.4%	15.20%	17.60%	26.1%	29.00%	23.20%
DCPS	Hearst ES	3	ES	87.0%	87.00%	87.00%	61.7%	60.20%	63.30%
DCPS	Hendley ES	8	ES	47.2%	46.20%	48.10%	39.6%	43.80%	35.40%
PCS	Hope Community PCS - Lamond Campus	4	EC				51.5%	52.90%	50.00%
PCS	Hope Community PCS - Tolson Campus	5	EC	30.8%	24.50%	37.10%	47.7%	50.60%	44.80%
PCS	Hospitality PCS	4	HS	30.7%	28.10%	33.30%	26.7%	26.70%	26.70%
DCPS	Houston ES	7	ES	40.4%	33.60%	47.10%	34.9%	34.20%	35.50%
PCS	Howard Road Academy PCS - Main Campus	8	ES	41.6%	39.00%	44.10%	21.8%	21.30%	22.30%
PCS	Howard Road Academy PCS - MLK Campus	8	MS				45.4%	51.70%	39.20%
PCS	Howard University Middle School of Math and Science	1	MS	62.2%	63.90%	60.40%	76.0%	78.90%	73.00%
DCPS	Hyde-Addison ES	2	ES	80.8%	79.50%	82.10%	82.2%	81.20%	83.20%
PCS	Ideal Academy PCS - North Capitol Street Campus	4	EC				40.6%	37.60%	43.60%
PCS	Imagine Southeast PCS	8	ES				34.8%	32.90%	36.70%
PCS	Inspired Teaching Demonstration PCS	5					34.6%	23.10%	46.20%
PCS	Integrated Design Electronics Academy	7		43.4%	42.20%	44.60%	35.2%	35.20%	35.20%
DCPS	Janney ES	3	ES	88.4%	89.00%	87.80%	91.2%	89.10%	93.20%
DCPS	Jefferson MS	6	MS	48.4%	49.10%	47.60%	42.6%	51.20%	34.00%
DCPS	Jefferson MS Academy	6	MS				44.6%	47.60%	41.70%
DCPS	Johnson, John Hayden MS	8	MS	15.6%	11.80%	19.30%	20.5%	23.30%	17.70%
DCPS	Kelly Miller MS	7	MS	23.2%	23.00%	23.30%	31.3%	38.50%	24.00%
DCPS	Kenilworth ES	7	ES	26.6%	25.80%	27.40%	23.7%	26.30%	21.10%
DCPS	Ketcham ES	8	ES	30.7%	26.20%	35.20%	25.6%	27.30%	23.90%
DCPS	Key ES	3	ES	88.1%	91.50%	84.60%	91.6%	92.30%	90.90%
DCPS	Kimball ES	7	ES	37.2%	35.40%	38.90%	28.4%	29.50%	27.30%
PCS	KIPP DC- AIM Academy PCS	8	MS	56.7%	64.50%	48.90%	72.1%	85.00%	59.30%
PCS	KIPP DC- College Preparatory PCS	8	HS				63.7%	75.80%	51.60%

Appendix Table 1 (cont'd)

DC CAS Proficiency Rates by School for 2008 and 2012

Sector	School Name	Ward	School Type	2008 DC CAS			2012 DC CAS		
				Overall Proficiency 2008	Math 2008	Reading 2008	Overall Proficiency 2012	Math 2012	Reading 2012
PCS	KIPP DC- KEY Academy PCS	7	MS	82.0%	91.10%	72.80%	72.5%	78.40%	66.70%
PCS	KIPP DC- Promise Academy PCS	7	ES				40.2%	28.40%	52.00%
PCS	KIPP DC- WILL Academy PCS	2	MS	60.8%	65.40%	56.20%	60.9%	66.80%	55.00%
DCPS	Kramer MS	8	MS	22.8%	25.10%	20.50%	21.2%	25.40%	16.90%
DCPS	Lafayette ES	4	ES	88.8%	88.60%	89.00%	90.5%	90.80%	90.10%
DCPS	Langdon EC	5	EC	72.6%	75.30%	69.90%	56.4%	55.40%	57.40%
DCPS	Langley EC	5	EC				38.9%	36.70%	41.20%
DCPS	LaSalle-Backus EC	4	EC	35.1%	31.30%	38.90%	18.8%	17.60%	19.90%
PCS	Latin American Montessori Bilingual PCS	4	ES				66.3%	62.50%	70.00%
DCPS	Leckie ES	8	ES	40.0%	35.20%	44.80%	38.1%	38.10%	38.10%
DCPS	Ludlow-Taylor ES	6	ES	53.6%	54.60%	52.60%	60.4%	59.70%	61.00%
DCPS	Luke C. Moore Academy HS	5	HS	11.6%	7.70%	15.40%	15.1%	7.90%	22.20%
DCPS	MacFarland MS (Lincoln Hill Cluster)	4	MS	34.7%	35.60%	33.80%	30.8%	34.50%	27.10%
DCPS	Malcolm X ES	8	ES	21.5%	15.10%	27.90%	16.7%	18.50%	14.80%
DCPS	Mamie D. Lee School	5	EC	90.0%	90.00%	90.00%	100.0%	100.00%	100.00%
DCPS	Mann ES	3	ES	88.2%	84.90%	91.40%	85.1%	83.10%	87.10%
DCPS	Marie Reed ES	1	ES	59.7%	58.40%	60.90%	53.8%	58.00%	49.60%
DCPS	Marshall EC	5	ES	40.4%	35.80%	45.00%	25.9%	22.20%	29.60%
DCPS	Martin Luther King ES	8	ES	34.8%	23.20%	46.40%	28.8%	31.10%	26.50%
PCS	Mary McLeod Bethune PCS - Slowe Campus	5	EC	27.4%	26.70%	28.00%	38.4%	36.60%	40.10%
DCPS	Maury ES	6	ES	56.5%	56.50%	56.50%	41.1%	44.60%	37.50%
PCS	Maya Angelou PCS - Evans Campus	7	HS	20.5%	13.60%	27.30%	14.3%	18.60%	10.00%
PCS	Maya Angelou PCS - Middle School Campus	7	MS	21.5%	20.80%	22.20%	28.4%	28.10%	28.60%
DCPS	MC Terrell ES	8	ES	24.6%	22.80%	26.30%	20.8%	19.40%	22.20%
DCPS	McKinley Technology HS	5	HS	67.2%	62.60%	71.80%	91.4%	92.10%	90.80%
PCS	Meridian PCS	1	EC	44.2%	48.10%	40.30%	59.5%	61.80%	57.30%
DCPS	Miner ES	6	ES	44.2%	39.50%	48.90%	35.7%	36.60%	34.90%
DCPS	Montessori School @ Logan	6	ES				61.1%	44.40%	77.80%
DCPS	Moten ES at Wilkinson	8	ES	13.8%	10.50%	17.00%	20.0%	20.90%	19.10%
DCPS	Murch ES	3	ES	76.3%	73.10%	79.40%	83.2%	81.30%	85.10%
DCPS	Nalle ES	7	ES	22.3%	20.40%	24.10%	26.0%	29.20%	22.90%
PCS	National Collegiate Academy PCS	8	HS				46.8%	40.30%	53.20%
DCPS	Noyes EC	5	EC	59.6%	57.70%	61.50%	32.4%	33.20%	31.60%

Appendix Table 1 (cont'd)

DC CAS Proficiency Rates by School for 2008 and 2012

Sector	School Name	Ward	School Type	2008 DC CAS			2012 DC CAS		
				Overall Proficiency 2008	Math 2008	Reading 2008	Overall Proficiency 2012	Math 2012	Reading 2012
PCS	Options PCS	6	EC	14.6%	17.20%	12.00%	6.0%	6.70%	5.20%
DCPS	Orr ES	8	ES	39.9%	37.30%	42.50%	24.5%	20.40%	28.60%
DCPS	Oyster-Adams Bilingual School	3	EC	71.4%	69.00%	73.80%	82.8%	82.20%	83.40%
DCPS	Patterson ES	8	ES	28.8%	23.70%	33.90%	23.3%	18.40%	28.20%
PCS	Paul Junior High PCS	4	MS	64.6%	67.60%	61.50%	63.8%	68.10%	59.50%
DCPS	Payne ES	6	ES	25.0%	19.70%	30.30%	43.5%	46.40%	40.60%
PCS	Perry Street Prep PCS	5		39.6%	38.00%	41.20%	37.9%	39.90%	36.00%
DCPS	Phelps Architecture, Construction, & Engineering HS	5	HS				52.6%	47.40%	57.70%
DCPS	Plummer ES	7	ES	34.5%	31.00%	38.00%	50.0%	55.70%	44.40%
PCS	Potomac Lighthouse PCS	5	ES	47.3%	48.60%	45.90%	50.9%	51.40%	50.50%
DCPS	Powell ES (Lincoln Hill Cluster)	4	ES	39.3%	46.30%	32.20%	43.8%	50.80%	36.90%
DCPS	Prospect LC	6	EC	1.4%	0.00%	2.80%	13.9%	20.00%	7.80%
DCPS	Randle Highlands ES	7	ES	43.9%	40.80%	46.90%	37.5%	35.00%	40.00%
DCPS	Raymond EC	4	EC	69.0%	68.00%	70.00%	41.2%	42.00%	40.30%
PCS	Richard Wright PCS for Journalism and Media Arts	7					28.3%	33.30%	23.30%
DCPS	River Terrace ES	7	ES	37.2%	30.00%	44.40%	31.3%	29.20%	33.30%
DCPS	Ron Brown MS	7	MS	23.4%	19.80%	26.90%	27.1%	36.50%	17.80%
DCPS	Roosevelt SHS	4	HS	24.1%	27.00%	21.20%	16.7%	17.90%	15.40%
PCS	Roots PCS- Kennedy Street Campus	4	EC	43.9%	34.10%	53.70%	58.4%	47.70%	68.90%
DCPS	Ross ES	2	ES	54.5%	46.30%	62.70%	68.8%	72.90%	64.60%
DCPS	Savoy ES	8	ES	42.5%	38.40%	46.50%	17.7%	16.00%	19.40%
DCPS	School Without Walls SHS	2	HS	93.0%	93.00%	93.00%	98.2%	98.20%	98.20%
DCPS	Seaton ES	2	ES	42.1%	44.40%	39.70%	43.0%	45.20%	40.90%
PCS	SEED PCS	7		52.3%	55.80%	48.80%	68.4%	79.30%	57.60%
PCS	Septima Clark PCS	8	ES				34.8%	34.80%	34.80%
DCPS	Sharpe Health School	4	EC	91.5%	92.70%	90.20%	90.5%	85.70%	95.20%
DCPS	Shaw MS at Garnet-Patterson	1	MS	35.7%	32.70%	38.70%	32.5%	32.90%	32.10%
DCPS	Shepherd ES	4	ES	67.8%	63.00%	72.60%	72.7%	69.10%	76.30%
DCPS	Simon ES	8	ES	36.7%	29.80%	43.50%	33.9%	34.40%	33.30%
DCPS	Smothers ES	7	ES	25.6%	21.60%	29.50%	27.3%	30.70%	24.00%
DCPS	Sousa MS	7	MS	19.6%	16.60%	22.60%	43.2%	48.10%	38.30%

Appendix Table 1 (cont'd)

DC CAS Proficiency Rates by School for 2008 and 2012

Sector	School Name	Ward	School Type	2008 DC CAS			2012 DC CAS		
				Overall Proficiency 2008	Math 2008	Reading 2008	Overall Proficiency 2012	Math 2012	Reading 2012
DCPS	Spingarn SHS	5	HS	22.0%	20.20%	23.80%	13.2%	12.80%	13.50%
PCS	St. Coletta Special Education PCS	7	EC	86.3%	85.70%	86.90%	94.0%	91.60%	96.40%
DCPS	Stanton ES	8	ES	13.8%	12.40%	15.20%	23.4%	28.10%	18.80%
DCPS	Stoddert ES	3	ES	67.5%	61.60%	73.30%	81.2%	84.80%	77.60%
DCPS	Stuart-Hobson MS (Capitol Hill Cluster)	6	MS	61.2%	56.30%	66.10%	60.0%	61.20%	58.90%
DCPS	Takoma EC	4	EC	68.6%	66.30%	70.80%	37.2%	37.20%	37.20%
DCPS	The Washington Metropolitan High School	1	HS				9.4%	8.30%	10.40%
DCPS	Thomas ES	7	ES	41.2%	37.40%	44.90%	43.6%	48.80%	38.40%
DCPS	Thomson ES	2	ES	38.3%	31.70%	44.90%	51.9%	54.50%	49.30%
PCS	Thurgood Marshall Academy (TMA) PCS	8	HS	65.4%	60.60%	70.20%	75.8%	79.10%	72.50%
PCS	Tree of Life PCS	5	EC	30.5%	27.80%	33.10%	36.4%	38.80%	34.10%
DCPS	Truesdell EC	4	EC	48.6%	49.30%	47.80%	42.8%	47.20%	38.40%
DCPS	Tubman ES	1	ES	32.6%	35.90%	29.30%	58.4%	65.00%	51.90%
DCPS	Turner ES at Green	8	ES	27.2%	29.90%	24.50%	22.3%	22.30%	22.30%
PCS	Two Rivers Elementary PCS	6	ES	46.4%	39.60%	53.20%	73.3%	72.60%	74.10%
PCS	Two Rivers Middle PCS	6	EC				69.2%	69.20%	69.20%
DCPS	Tyler ES	6	ES	33.7%	31.60%	35.70%	29.4%	21.60%	37.30%
DCPS	Walker-Jones EC	6	EC	21.1%	18.00%	24.20%	30.3%	31.30%	29.20%
PCS	Washington Latin High PCS	4	HS				61.3%	62.70%	60.00%
PCS	Washington Latin Middle PCS	4	MS	74.0%	72.50%	75.40%	78.8%	77.10%	80.60%
PCS	Washington Math Science Technology (WMST)	PCS 5	HS	70.0%	75.00%	65.00%	58.9%	56.80%	61.10%
PCS	Washington Yu Ying PCS	5	ES				67.4%	62.50%	72.20%
DCPS	Watkins ES (Capitol Hill Cluster)	6	ES	59.2%	56.60%	61.70%	62.3%	65.40%	59.20%
DCPS	West EC	4	EC	46.8%	38.30%	55.30%	49.1%	50.40%	47.90%
DCPS	Wheatley EC	5	EC	14.9%	14.10%	15.60%	28.0%	30.40%	25.60%
DCPS	Whittier EC	4	EC	47.2%	44.30%	50.00%	41.2%	42.90%	39.40%
PCS	William E. Doar Jr (WEDJ) Northwest PCS	5	EC				37.8%		
DCPS	Wilson J.O. ES		ES	63.4%	59.00%	67.70%	43.0%	39.50%	46.50%
DCPS	Wilson, Woodrow HS	3	HS	61.2%	59.90%	62.50%	59.9%	59.50%	60.30%
DCPS	Winston EC	7	EC	41.3%	40.80%	41.80%	24.7%	25.00%	24.50%
DCPS	Woodson H.D. HS	7	HS	22.4%	17.30%	27.40%	19.1%	16.30%	21.90%

Appendix Table 2

Median Proficiency Rates for Both Sectors and Citywide in 2012

	Overall Proficiency	Reading	Math
DCPS	36.7%	35.4%	37.6%
PCS	50.2%	50.5%	53.9%
Citywide	41.2%	38.4%	44.9%

Source: DC Fiscal Policy Institute

Appendix Table 3

Median Overall Proficiency Rates by Ward in 2008 and 2012

	2008	2012	Change
Ward 1	45.0%	56.1%	11.2%
Ward 2	58.6%	60.5%	1.8%
Ward 3	77.0%	83.3%	6.3%
Ward 4	48.6%	43.8%	-4.8%
Ward 5	40.4%	38.4%	-2.0%
Ward 6	39.0%	42.8%	3.8%
Ward 7	35.8%	33.1%	-2.7%
Ward 8	29.2%	22.8%	-6.4%

Source: DC Fiscal Policy Institute