



School Achievement in Denver: The Impact of Charter Schools

January 2012



Dear Friends,

A+ Denver with Metro Organizations for People, Democrats for Education Reform - Colorado, Get Smart Schools, Colorado Succeeds, Stand for Children - Colorado, and the Urban League are proud to offer our latest brief, "Student Achievement in Denver: The Impact of Charter Schools."

This study was developed as a follow-up to questions raised after the recent release of "[Start with the Facts: Strengthening the Denver Public Schools Pipeline](#)." This study on the impact of charter schools is designed to spark a deeper level of inquiry about student achievement in Denver.

This report shows that Charter Management Organizations (charter organizations that manage more than one school, currently DSST, West Denver Prep and KIPP) are not only outperforming district and other individual charter schools, but are having a significant impact on the district's overall growth and achievement scores at grades six and above.

It is critical that the district and public understand exactly which efforts and programs are working and in what schools so that the district's improvement strategies and tactics are most effective. To do this, we often need to disaggregate data by type of school, and at the school level itself. Using average district scores can easily obscure what works (and what does not) for individual schools and different grades and student demographics.

While this report neither explains the specific programs and strategies CMOs are using to produce their results, nor provides recommendations for how DPS might further increase student academic outcomes, it does raise a variety of questions that should be investigated further:

- How can DPS and/or the City of Denver better analyze and share district and school performance information so that policy makers and the public can thoughtfully develop improvement efforts?
- Given the data on CMOs and their growth, what are the implications for the next school bond given that charter schools do not benefit from the same level of facility support that district schools do?
- What is the current level of investment by the district in district schools versus charters and CMOs for development of high quality schools? What would be the ideal mix for the district's portfolio of investments to maximize the number of high quality seats in Denver?
- What aspects of the district's teaching and learning improvement efforts are working? And how would we know that?
- What are the implications for district centralized programs such as teaching & learning, and operations as more high quality seats are taken up by CMOs, particularly at the secondary level?

We look forward to working with our members and Denver Public Schools as we have some deeper conversations about the district's strategies for improvement.

The Impact of Charter Schools in Denver

Charter schools in Denver are outperforming district-operated schools¹ on both student academic growth and proficiency.² More importantly, at grade levels with substantial charter school enrollment, the impact on the overall district results is meaningful.

With a small percentage of total student enrollment, the overall impact of charter schools is positive but limited. In 2011, charter schools increased the overall Denver Public Schools (DPS) median growth percentile by 1 point, and the number of proficient students by 0.9 percent. However, in individual grades with high percentages of charter enrollment, the impact is magnified. The largest charter enrollment is currently in sixth grade, where charter schools increased the overall DPS median growth percentile by 4.7 points and the number of proficient students by 1.9 percentage points.

This positive impact of charter schools in Denver is almost entirely due to the achievements of a small number of charter management organizations (CMOs)³ that have academic performance significantly better than both district-operated schools and single-school charters.

Overall Charter School Performance

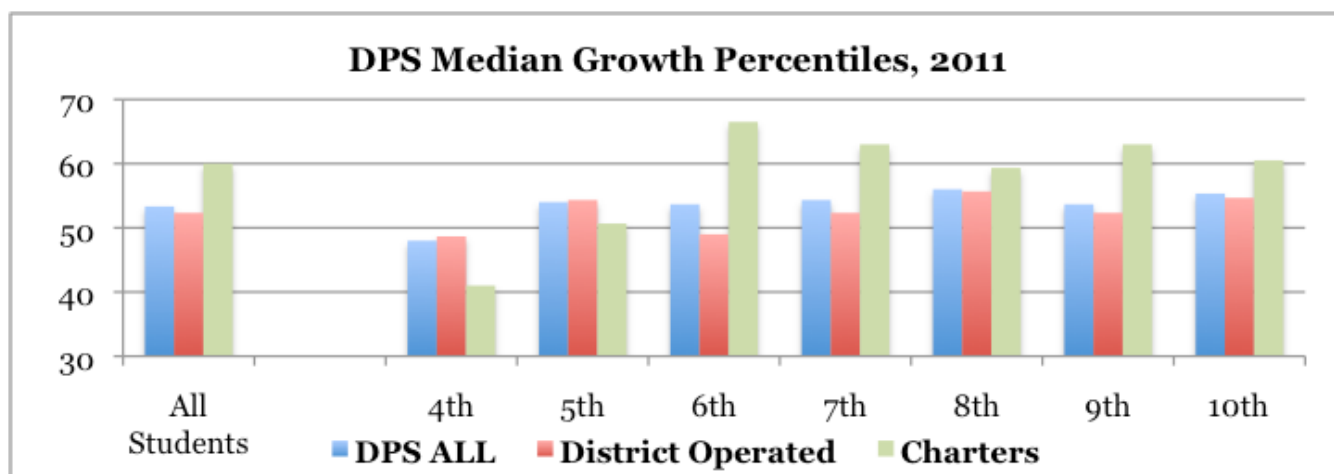
In 2011, DPS measured the academic performance of 137 schools as part of their district summary School Performance Framework (SPF): 116 district-operated schools and 21 charter schools (alternative education campuses are measured separately).

The 21 charter schools, in aggregate, outperformed district-operated schools on median growth percentiles in the cumulative total of all students, and in each secondary school grade. Charter schools lagged the academic growth of district-operated schools in grades four and five (where their enrollment, particularly in CMOs, was low).

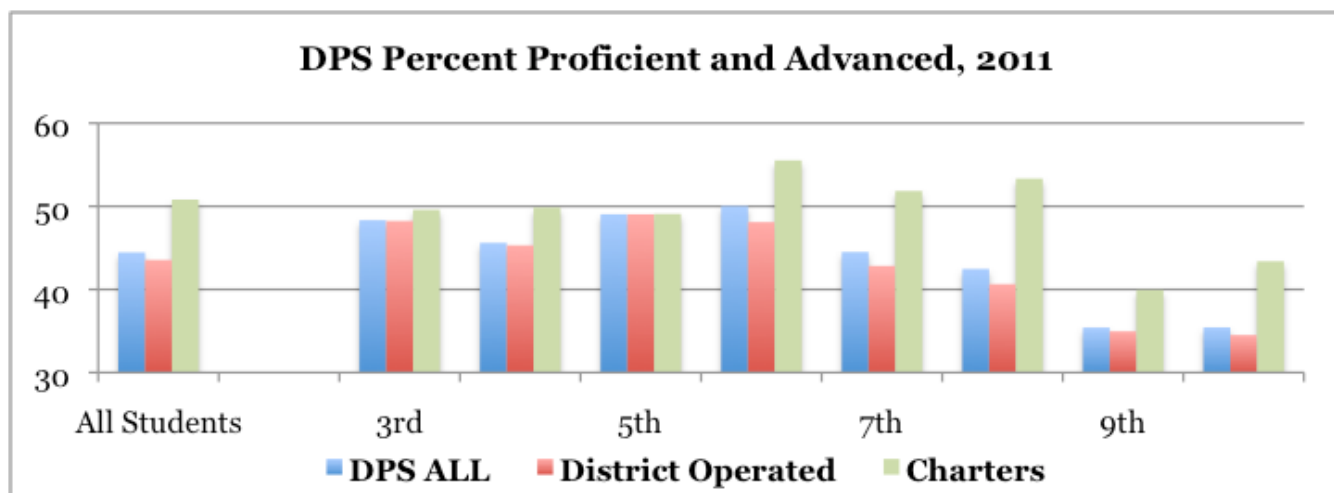
¹ District-operated schools include all public K-12 facilities excepting charters, and include traditional schools, magnet schools and programs, and innovation schools. Alternative education campuses - both district and charters - were not included in the analysis.

² A full examination of academic results would include an examination of adequate growth percentiles. However, for both simplicity and to follow the district's preferred metrics of school performance, this analysis focuses on growth and proficiency measures.

³ CMOs are charter management organizations that operate more than one school. The 2011 SPF lists schools belonging to three CMOs: DSST Public Schools, KIPP, and West Denver Preparatory Charter Schools (WDP).



The charter schools also had a higher percentage of students at or above proficiency, both on an aggregated basis and across every measured grade⁴.

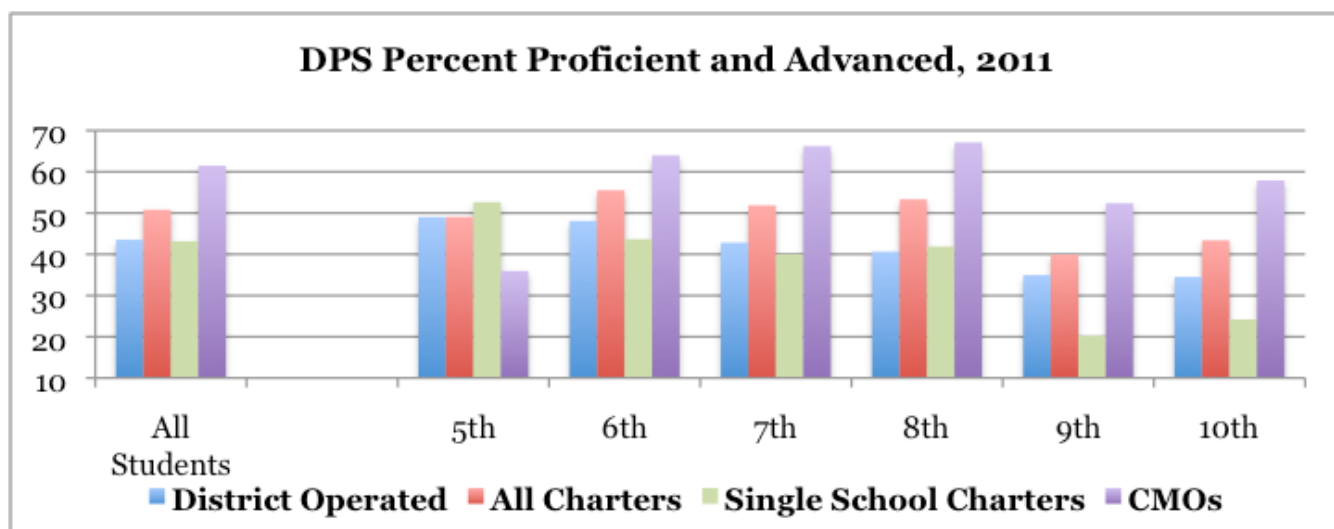


Charter Management Organizations (CMOs)

Of the 21 charter schools on the 2011 DPS School Performance Framework, 13 are single-school charters and eight are run by three charter management organizations: DSST Public Schools (DSST), the Knowledge is Power Program (KIPP), and West Denver Preparatory Charter Schools (WDP). These CMOs currently serve students in grades 5-12, with an emphasis on secondary grade levels (6-12).

With the exception of 5th grade (where they enrolled just 91 students), these CMOs are outperforming district-operated schools and single-school charters on both growth percentiles and proficiency. The enhanced performance is often by a substantial margin.

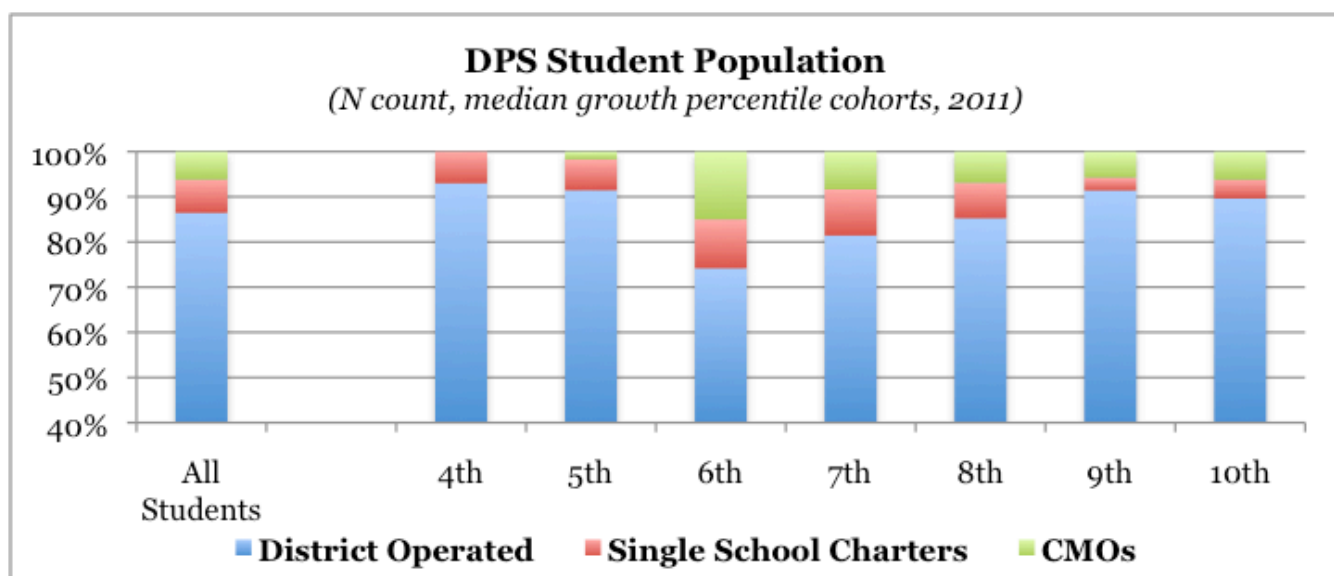
⁴ Proficiency scores are measured in grades 3-10; growth scores in grades 4-10.



Charter School Impact on DPS

In 2011, the overwhelming majority of Denver public school students attended district-operated schools.⁵ Given the relatively small number of students who attend charters, any premium or deficit in academic performance has traditionally been diluted by the far larger pool of students attending district-operated schools.

However, charter enrollment has grown so that there are now specific grades where charter schools have sufficient volume such that their performance makes a material impact in the calculation of overall DPS scores.

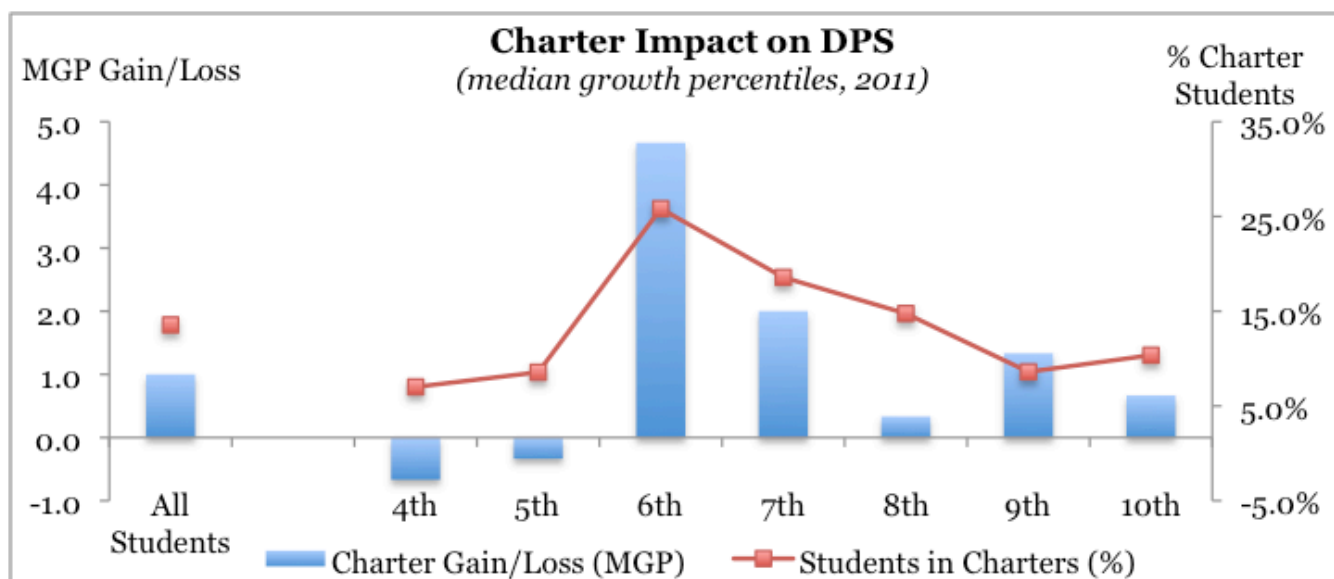


⁵ On the 2011 Denver School Performance Framework, total charter enrollment was 9.4%. In the CDE data, which consists of students in grades 3-10 who have taken the CSAP, charter students composed 13.6% of growth scores and 12.5 % of proficiency scores.

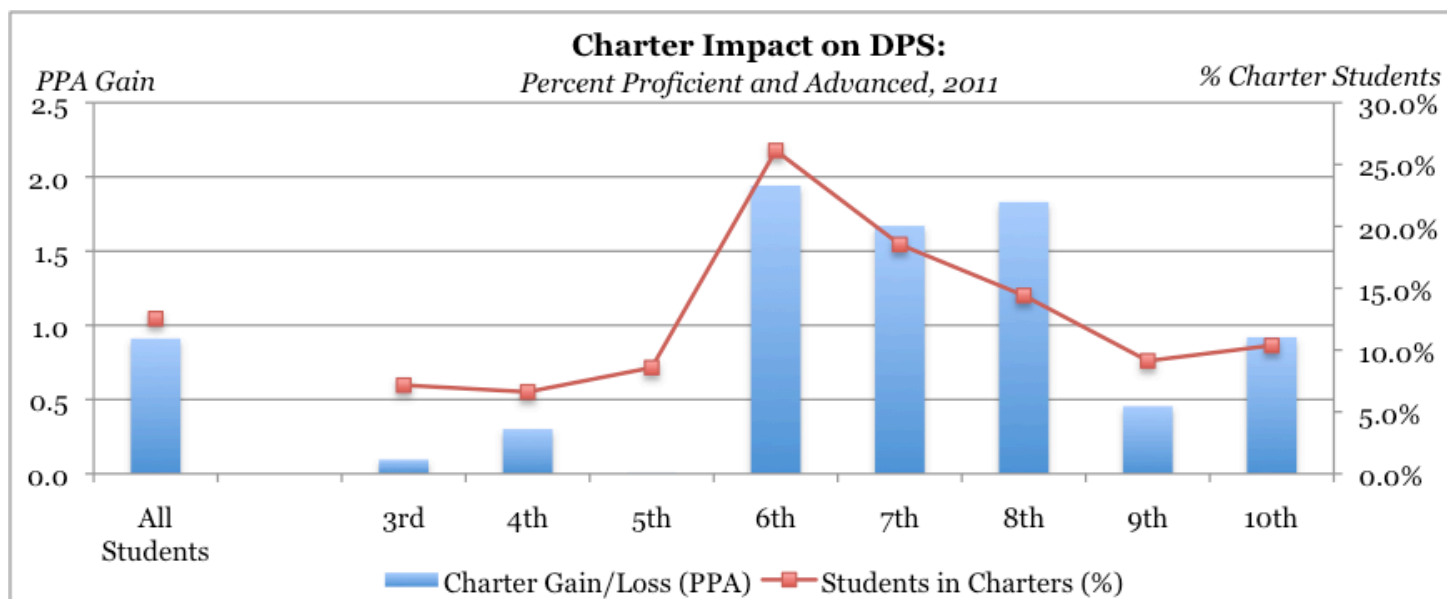
Comparing the percentage of students enrolled in charter schools with the impact on academic growth and proficiency shows a consistent overall positive trend for DPS.

On median growth percentile, charter schools comprised 13.6% of students, and raised the overall DPS score by one point, from 52.3 to 53.3. While there was a slight negative impact on growth percentiles in 4th and 5th grade (where charter enrollment is lower), there was a positive impact in all secondary school grades.

As the percentage of students in specific grades grew larger, the impact on the overall DPS score increased. For example, in 6th grade charter schools raised the overall DPS median growth percentile score by 4.7 points (from 49.0 in district operated schools alone, to 53.7 once charter schools were included).



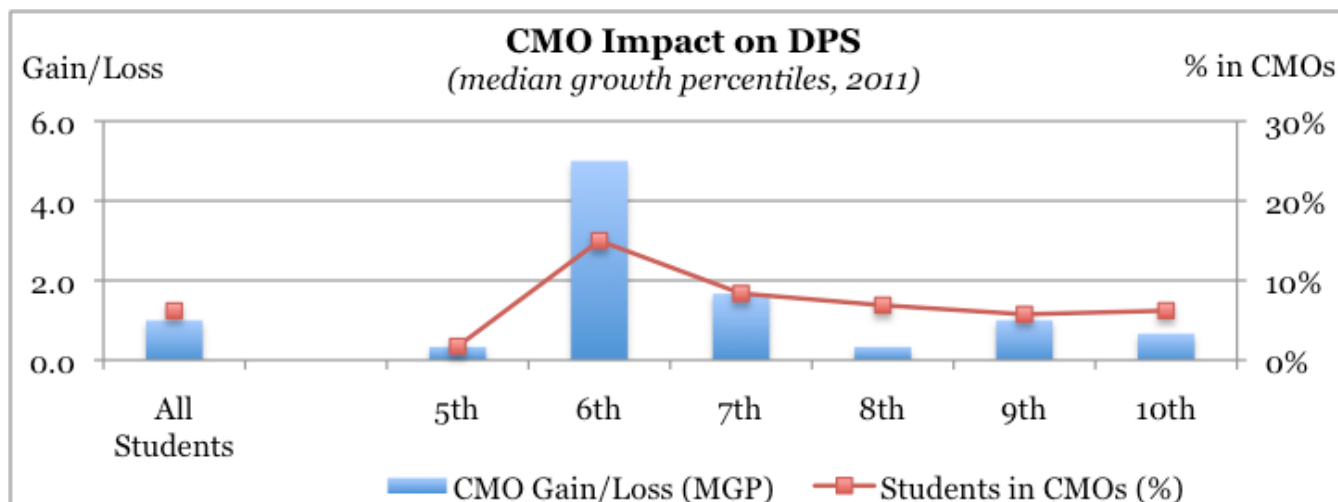
A similar pattern emerges when looking at the impact of charter schools on the percentage of DPS students at or above proficiency. Charter schools improved the overall DPS proficiency score by 0.9 percentage points (from 43.5 to 44.5), however this increase was doubled in middle school grades (where enrollment was higher), which saw an impact of from 1.7 to 1.9 percentage points.

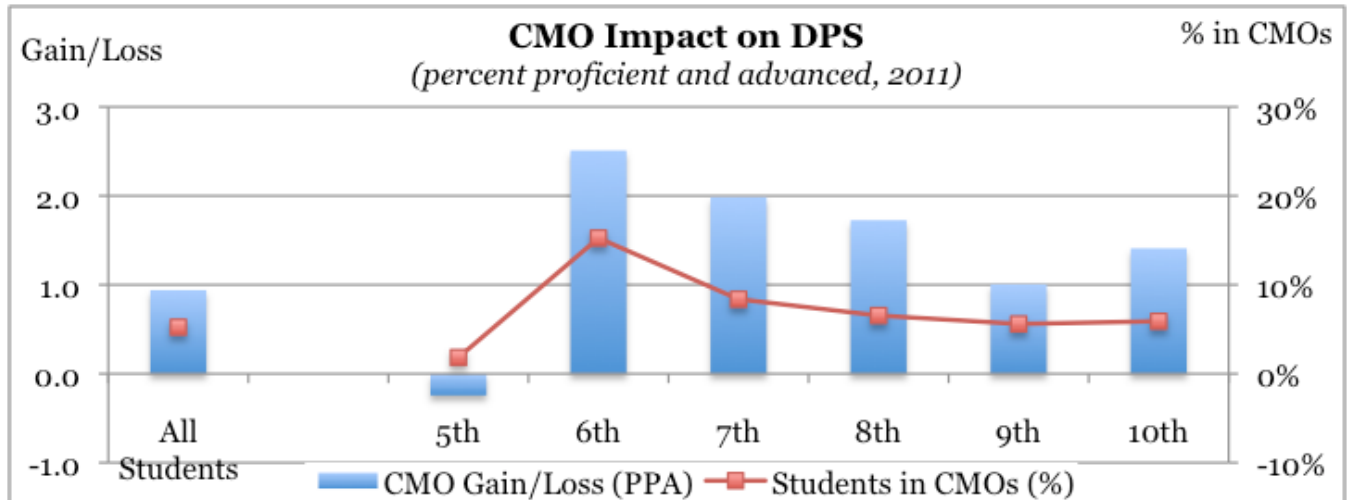


Impact of CMOs

Three Denver CMOs – DSST, KIPP, and WDP – are the primary source of the impact of charter schools on DPS. These organizations (and their combined eight schools) accounted for virtually the entire premium in overall DPS scores from the impact of charter schools. While there are several single-school charters that are performing well, most of these are either small or still growing their enrollment, and on aggregate their impact is negated by the lower performance of other single-school charters.

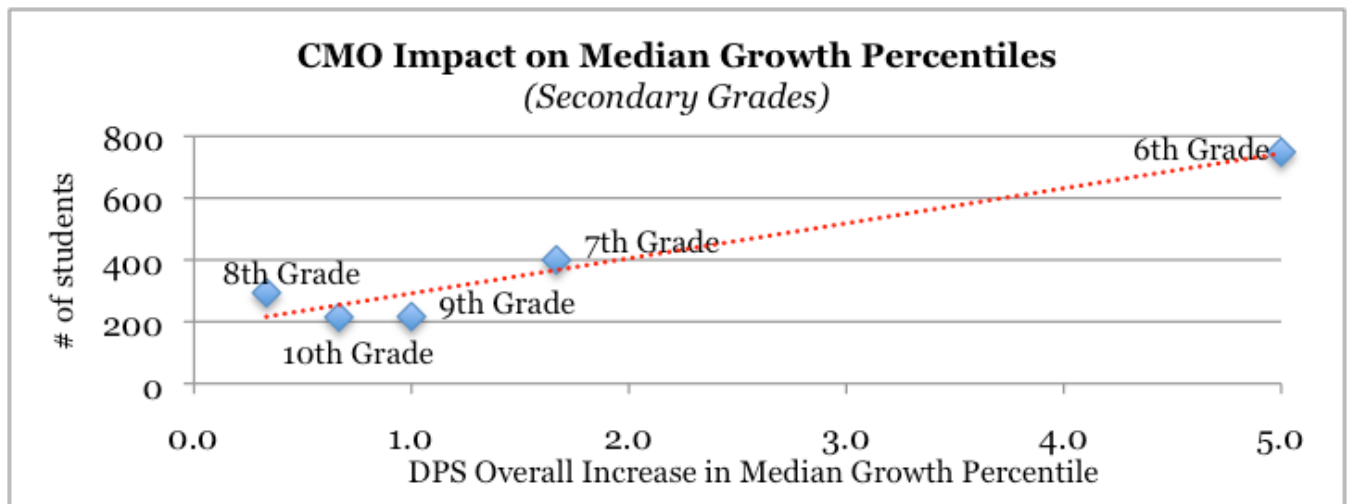
When they comprise a significant proportion of students, the impact of CMOs is significant. For example, in 2011 all three CMOs served 6th grade, with total enrollment of about 750 students (roughly 15% of the entire DPS 6th grade population). The benefit to DPS was a 5.0 increase in median growth percentile (from 48.7 to 53.7), and a 2.5 point increase in proficiency (from 47.5 to 50.0).





CMO Growth

The relationship between the number of students in CMOs and the impact on the DPS median growth percentile can be clearly seen on the graph below. In grades that served fewer than 300 students, the impact is less than a point on the overall DPS median growth percentile. However, sixth grade CMO enrollment in 2011 totaled about 750 kids, and the impact on the overall DPS median growth percentile score is a full five-point improvement.



All three CMOs have additional charters approved by the Denver Board of Education, and all are still building enrollment at their current schools. DSST has two 6-12 schools included in the 2011 results, and has three additional 6-12 schools approved.⁶ KIPP operates a middle school and a high school, and has conditional approval to add an elementary school. WDP operates four middle schools, and has approval for two additional middle schools and a high school. Not all of the current CMO schools are at full enrollment as they build out one or two grades each year to grow over time.

⁶ DSST's 6-12 campuses are counted as a single school.

Based on current enrollment trends the table below provides a rough estimate of future enrollment in secondary grades for the three CMOs. Due to both existing capacity and new schools, the percentage of students enrolled at these CMOs in grades 6-10 is projected to increase by over 170% by 2015.

If DPS enrollment were to hold constant, by 2015 roughly one in every five students in grades 6-10 will attend a CMO school. If these CMOs can maintain their high level of academic performance, the impact on DPS in the secondary school grades is likely to be considerable.

	2011	2012	2013	2014	2015
	<i>actual</i>		<i>estimated</i>		
<i>Number of CMO</i>	8	9	12	13	13
<i>Secondary schools:</i>					
Grade 6	749	920	1,270	1,400	1,400
Grade 7	400	740	870	1,210	1,340
Grade 8	294	390	710	840	1,160
Grade 9	217	340	580	700	820
Grade 10	215	215	315	525	625
TOTAL Students	1,965	2,605	3,745	4,675	5,345

Charter Student Demographics

It was an intent of this analysis to include the impact of charter schools on low-income students. However, due to a reporting error by a vendor, CDE has incorrect data in their system for the number of free and reduced lunch students at several charter schools in Denver, including two of the three CMOs. Both CDE and DPS are aware of this error, and the hope is for the data to be corrected to allow for a determination of the impact of charter schools on closing the achievement gap in DPS.

However, although a direct comparison is not possible, in aggregate all charters and the three CMOs reported free and reduced lunch populations on the 2011 DPS School Performance Framework of 72% – equal to the overall DPS average. This lends some credence to an expectation that the impact of charter schools on low-income students is likely to be similar to the impact on all students.

Methodology

We started with the 137 schools in the 2011 DPS School Performance Framework and reconciled them to their equivalent CDE listings. A full list of the schools by CDE listing, and their respective designations as a single-school charter (SSC) or part of a charter management organization (CMO) can be found as Exhibit C following the report.

We used the CDE data lab (publicly available at <http://elm.cde.state.co.us/datalabreport.htm>) to first calculate the academic performance of all 137 schools, and then disaggregate the 116 district-operated schools and the 21 charters, and then of the 13 single-school charters and the eight CMO schools. We were thus able to both isolate the performance of individual school groups, and measure the impact on overall DPS scores.

Additionally, in Exhibits A and B following this report you will find two of the comparative data charts that were used. To download the full spreadsheet of data used in this report go to the A + Denver website here: www.aplusdenver.org/work/reports.

Conclusion

As stated in the opening letter, this report is in response to some questions raised after exploring the trends seen from our comprehensive study, "Start with the Facts: Strengthening the Denver Public Schools Pipeline." A+ Denver and our partners will continue to produce briefs that analyze the available data on school and student performance in DPS to examine what may or may not be working to improve outcomes. Our goal is to examine the data from a variety of angles and produce briefs that will help drive community conversations and fact-based policy making about the future of Denver Public Schools.

Exhibit A: Data Chart - DPS All vs. DPS Less Charter Schools

			DPS ALLSCHOOLS (137 SCHOOLS TOTAL)				DPS LESS 21 CHARTER SCHOOLS (116 TOTAL)			
Academic Year	Subject Name	Grade	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile
2011	Math	Grade 3	5,971	52.1	N<20	-	5,570	52.0	N<20	-
2011	Reading	Grade 3	5,443	56.2	N<20	-	5,041	55.8	N<20	-
2011	Writing	Grade 3	5,401	36.7	N<20	-	5,000	36.9	N<20	-
	AVE		5,605	48.3			5,204	48.2		
2011	Math	Grade 4	5,848	54.0	5,624	50.0	5,461	53.7	5,256	51.0
2011	Reading	Grade 4	5,818	44.2	5,022	47.0	5,433	43.9	4,656	48.0
2011	Writing	Grade 4	5,818	38.6	5,025	47.0	5,433	38.3	4,660	47.0
	AVE		5,828	45.6	5,224	48.0	5,442	45.3	4,857	48.7
2011	Math	Grade 5	5,522	51.3	5,308	56.0	5,048	51.3	4,857	56.0
2011	Reading	Grade 5	5,524	49.7	5,285	51.0	5,050	49.7	4,831	51.0
2011	Writing	Grade 5	5,525	46.2	5,267	55.0	5,051	46.1	4,814	56.0
	AVE		5,524	49.0	5,287	54.0	5,050	49.0	4,834	54.3
2011	Math	Grade 6	5,277	52.0	5,007	58.0	3,898	49.5	3,713	52.0
2011	Reading	Grade 6	5,278	50.8	5,006	48.0	3,899	49.8	3,713	44.0
2011	Writing	Grade 6	5,278	47.3	4,976	55.0	3,899	45.0	3,692	51.0
	AVE		5,278	50.0	4,996	53.7	3,899	48.1	3,706	49.0
2011	Math	Grade 7	5,031	39.2	4,777	54.0	4,098	37.5	3,889	52.0
2011	Reading	Grade 7	5,030	50.0	4,779	55.0	4,098	48.8	3,891	54.0
2011	Writing	Grade 7	5,030	44.3	4,784	54.0	4,098	42.2	3,896	51.0
	AVE		5,030	44.5	4,780	54.3	4,098	42.8	3,892	52.3
2011	Math	Grade 8	4,510	37.3	4,288	54.0	3,860	35.2	3,659	54.0
2011	Reading	Grade 8	4,509	52.4	4,258	58.0	3,859	50.7	3,628	58.0
2011	Writing	Grade 8	4,511	37.7	4,255	56.0	3,861	36.0	3,625	55.0
	AVE		4,510	42.5	4,267	56.0	3,860	40.6	3,637	55.7
2011	Math	Grade 9	4,530	24.0	3,784	51.0	4,116	23.3	3,459	49.0
2011	Reading	Grade 9	4,540	48.3	3,749	56.0	4,126	47.8	3,425	55.0
2011	Writing	Grade 9	4,541	33.9	3,777	54.0	4,127	33.8	3,453	53.0
	AVE		4,537	35.4	3,770	53.7	4,123	35.0	3,446	52.3
2011	Math	Grade 10	3,844	20.9	3,466	56.0	3,446	19.9	3,106	55.0
2011	Reading	Grade 10	3,844	52.4	3,463	56.0	3,445	51.5	3,102	55.0
2011	Writing	Grade 10	3,845	33.0	3,457	54.0	3,446	32.1	3,102	54.0
	AVE		3,844	35.4	3,462	55.3	3,446	34.5	3,103	54.7

Academic Year	Subject Name	E/M/H	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile
2011	Math	E	17,597	52.5	11,176	53.0	16,204	52.4	10,233	54.0
2011	Reading	E	17,041	49.8	10,551	50.0	15,649	49.7	9,607	50.0
2011	Writing	E	17,000	40.6	10,534	51.0	15,609	40.5	9,592	52.0
	AVE		17,213	47.6	10,754	51.3	15,821	47.5	9,811	52.0
2011	Math	M	14,562	43.0	13,828	55.0	11,731	40.6	11,141	53.0
2011	Reading	M	14,561	51.1	13,799	53.0	11,731	49.7	11,112	52.0
2011	Writing	M	14,563	43.3	13,773	54.0	11,733	41.0	11,095	52.0
	AVE		14,562	45.8	13,800	54.0	11,732	43.8	11,116	52.3
2011	Math	H	8,374	22.6	7,250	53.0	7,562	21.8	6,565	52.0
2011	Reading	H	8,384	50.2	7,212	56.0	7,571	49.5	6,527	55.0
2011	Writing	H	8,386	33.5	7,234	54.0	7,573	33.0	6,555	54.0
	AVE		8,381	35.4	7,232	54.3	7,569	34.8	6,549	53.7

Academic Year	Subject Name	District	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile
2011	Math	Denver	40,533	42.9	32,254	54.0	35,497	42.0	27,939	53.0
2011	Reading	Denver	39,986	50.4	31,562	53.0	34,951	49.6	27,246	52.0
2011	Writing	Denver	39,949	40.1	31,541	53.0	34,915	39.0	27,242	52.0
	AVE		40,156	44.5	31,786	53.3	35,121	43.5	27,476	52.3

Exhibit B: Data Chart - DPS All vs. DPS Less CMO Schools

Academic Year	Subject Name	Grade	DPS ALLSCHOOLS (137 SCHOOLS TOTAL)				DPS LESS 8 CMO SCHOOLS (129 TOTAL)			
			N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile
2011	Math	Grade 3	5,971	52.1	N<20	-	5,971	52.1	N<20	-
2011	Reading	Grade 3	5,443	56.2	N<20	-	5,443	56.2	N<20	-
2011	Writing	Grade 3	5,401	36.7	N<20	-	5,401	36.7	N<20	-
	AVE		5,605	48.3			5,605	48.3	0	0.0
2011	Math	Grade 4	5,848	54.0	5,624	50.0	5,848	54.0	5,624	50.0
2011	Reading	Grade 4	5,818	44.2	5,022	47.0	5,818	44.2	5,022	47.0
2011	Writing	Grade 4	5,818	38.6	5,025	47.0	5,818	38.6	5,025	47.0
	AVE		5,828	45.6	5,224	48.0	5,828	45.6	5,224	48.0
2011	Math	Grade 5	5,522	51.3	5,308	56.0	5,421	51.4	5,217	55.0
2011	Reading	Grade 5	5,524	49.7	5,285	51.0	5,423	50.0	5,194	51.0
2011	Writing	Grade 5	5,525	46.2	5,267	55.0	5,424	46.5	5,176	55.0
	AVE		5,524	49.0	5,287	54.0	5,423	49.3	5,196	53.7
2011	Math	Grade 6	5,277	52.0	5,007	58.0	4,472	48.4	4,256	52.0
2011	Reading	Grade 6	5,278	50.8	5,006	48.0	4,473	49.5	4,255	44.0
2011	Writing	Grade 6	5,278	47.3	4,976	55.0	4,473	44.7	4,231	50.0
	AVE		5,278	50.0	4,996	53.7	4,473	47.5	4,247	48.7
2011	Math	Grade 7	5,031	39.2	4,777	54.0	4,609	36.7	4,377	52.0
2011	Reading	Grade 7	5,030	50.0	4,779	55.0	4,609	48.5	4,379	54.0
2011	Writing	Grade 7	5,030	44.3	4,784	54.0	4,609	42.4	4,384	52.0
	AVE		5,030	44.5	4,780	54.3	4,609	42.5	4,380	52.7
2011	Math	Grade 8	4,510	37.3	4,288	54.0	4,215	35.2	3,995	54.0
2011	Reading	Grade 8	4,509	52.4	4,258	58.0	4,214	50.9	3,964	58.0
2011	Writing	Grade 8	4,511	37.7	4,255	56.0	4,216	36.1	3,961	55.0
	AVE		4,510	42.5	4,267	56.0	4,215	40.7	3,973	55.7
2011	Math	Grade 9	4,530	24.0	3,784	51.0	4,276	22.8	3,566	50.0
2011	Reading	Grade 9	4,540	48.3	3,749	56.0	4,286	47.3	3,533	55.0
2011	Writing	Grade 9	4,541	33.9	3,777	54.0	4,287	33.1	3,561	53.0
	AVE		4,537	35.4	3,770	53.7	4,283	34.4	3,553	52.7
2011	Math	Grade 10	3,844	20.9	3,466	56.0	3,618	19.4	3,252	55.0
2011	Reading	Grade 10	3,844	52.4	3,463	56.0	3,617	51.0	3,248	55.0
2011	Writing	Grade 10	3,845	33.0	3,457	54.0	3,618	31.7	3,242	54.0
	AVE		3,844	35.4	3,462	55.3	3,618	34.0	3,247	54.7

Academic Year	Subject Name	E/M/H	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile
2011	Math	E	17,597	52.5	11,176	53.0	17,398	52.5	10,993	53.0
2011	Reading	E	17,041	49.8	10,551	50.0	16,842	50.0	10,368	50.0
2011	Writing	E	17,000	40.6	10,534	51.0	16,801	40.6	10,351	51.0
	AVE		17,213	47.6	10,754	51.3	17,014	47.7	10,571	51.3
2011	Math	M	14,562	43.0	13,828	55.0	13,138	40.0	12,476	52.0
2011	Reading	M	14,561	51.1	13,799	53.0	13,138	49.6	12,446	52.0
2011	Writing	M	14,563	43.3	13,773	54.0	13,140	41.1	12,426	52.0
	AVE		14,562	45.8	13,800	54.0	13,139	43.6	12,449	52.0
2011	Math	H	8,374	22.6	7,250	53.0	7,894	21.3	6,818	52.0
2011	Reading	H	8,384	50.2	7,212	56.0	7,903	49.0	6,781	55.0
2011	Writing	H	8,386	33.5	7,234	54.0	7,905	32.5	6,803	53.0
	AVE		8,381	35.4	7,232	54.3	7,901	34.2	6,801	53.3

Academic Year	Subject Name	District	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile	N Count Proficiency	Percent Proficient Advanced	Growth N Count	Median Growth Percentile
2011	Math	Denver	40,533	42.9	32,254	54.0	38,430	41.8	30,287	53.0
2011	Reading	Denver	39,986	50.4	31,562	53.0	37,883	49.6	29,595	52.0
2011	Writing	Denver	39,949	40.1	31,541	53.0	37,846	39.1	29,580	52.0
	AVE		40,156	44.5	31,786	53.3	38,053	43.5	29,821	52.3

Exhibit C: List of Schools

1		Abraham Lincoln High School - 0010
2		Academia Ana Marie Sandoval - 6397
3		Amesse Elementary School - 0220
4		Archuleta Elementary School - 3340
5		Asbury Elementary School - 0388
6		Ashley Elementary School - 0418
7		Barnum Elementary School - 0520
8		Barrett Elementary School - 0540
9		Beach Court Elementary School - 0650
10		Bradley Elementary School - 0964
11		Bromwell Elementary School - 1056
12		Brown Elementary School - 1076
13		Bruce Randolph School - 6350
14		Bryant Webster K-8 School - 1106
15		Carson Elementary School - 1324
16		Castro Elementary School - 9496
17		Centennial K-8 School - 1400
18	SSC	Cesar Chavez Academy Denver - 1345
19		Charles M. Schenck (Cms) Community School - 7694
20		Cheltenham Elementary School - 1528
21		Cole Arts And Science Academy - 1785
22		Colfax Elementary School - 1774
23		College View Elementary School - 1788
24		Columbian Elementary School - 1816
25		Columbine Elementary School - 1846
26		Cory Elementary School - 1908
27		Cowell Elementary School - 1928
28		Denison Montessori School - 2174
29		Denver Center For International Studies - 2183
30		Denver Green School - 2125
31	CMO	Denver School Of Science And Technology - 2185
32	CMO	Denver School Of Science And Technology: Gvr - 2145
33		Denver School Of The Arts - 2184
34		Doull Elementary School - 2258
35		Eagleton Elementary School - 2364
36		East High School - 2398
37		Edison Elementary School - 2506
38		Ellis Elementary School - 2652
39	SSC	Escuela Tlatelolco School - 2789
40		Fairmont K-8 School - 2856
41		Fairview Elementary School - 2880
42		Force Elementary School - 3032
43		Ford Elementary School - 3038
44		Fred N Thomas Career Education Center - 1319
45		Garden Place Elementary School - 3296

A + D e n v e r R e p o r t

46		George Washington High School - 3378
47		Gilpin Elementary School - 3426
48	SSC	Girls Athletic Leadership School - 3639
49		Godsman Elementary School - 3478
50		Goldrick Elementary School - 3512
51		Grant Middle School - 3600
52		Grant Ranch K-8 School - 3605
53		Green Valley Elementary School - 3641
54		Greenlee Elementary School - 3655
55		Greenwood Elementary School - 3647
56		Gust Elementary School - 3704
57		Hallett Fundamental Academy - 4782
58		Hamilton Middle School - 3746
59		Harrington Elementary School - 3778
60		Henry World School Grades 6-8 - 8054
61	SSC	Highline Academy Charter School - 3987
62		Hill Campus Of Arts And Sciences - 3990
63		Holm Elementary School - 4074
64		Howell K-8 School - 4140
65		John F Kennedy High School - 4444
66		Johnson Elementary School - 4450
67		Kaiser Elementary School - 4498
68		Kepner Middle School - 4656
69	CMO	Kipp Denver Collegiate High School - 4730
70	CMO	Kipp Sunshine Peak Academy - 4732
71		Knapp Elementary School - 4762
72		Kunsmiller Creative Arts Academy - 4795
73		Lake International School - 5255
74		Lake Middle School - 4910
75		Lincoln Elementary School - 5158
76		Lowry Elementary School - 5342
77	SSC	Manny Martinez Middle School - 5430
78		Manual High School - 5448
79		Marrama Elementary School - 5578
80		Martin Luther King Middle College - 5605
81		Maxwell Elementary School - 5644
82		Mc Glone Elementary School - 5685
83		Mc Kinley-Thatcher Elementary School - 5702
84		Mc Meen Elementary School - 5716
85		Merrill Middle School - 5826
86		Montbello High School - 5995
87		Montclair Elementary School - 6002
88		Moore K-8 School - 6088
89		Morey Middle School - 6098
90		Munroe Elementary School - 6188
91		Newlon Elementary School - 6254
92		Noel Middle School - 6784

A + D e n v e r R e p o r t

93		North High School - 6314
94	SSC	Northeast Academy Charter School - 6394
95		Oakland Elementary School - 5998
96	SSC	Odyssey Charter Elementary School - 6479
97	SSC	Omar D Blair Charter School - 6508
98		Online High School - 6509
99	SSC	P.S.1 Charter School - 7199
100		Palmer Elementary School - 6676
101		Park Hill School - 6754
102	SSC	Pioneer Charter School - 6957
103		Pitt-Waller K-8 School - 6970
104		Place Bridge Academy - 7045
105		Polaris At Ebert Elementary School - 2027
106		Rishel Middle School - 7370
107		Sabin World School - 7554
108		Samuels Elementary School - 7578
109		Schmitt Elementary School - 7698
110		Skinner Middle School - 7942
111		Slavens K-8 School - 7972
112		Smiley Middle School - 7992
113		Smith Elementary School - 8006
114		South High School - 8086
115		Southmoor Elementary School - 8138
116	SSC	Southwest Early College Charter School - 8132
117		Steck Elementary School - 8222
118		Stedman Elementary School - 8232
119		Steele Elementary School - 8242
120		Swansea Elementary School - 8422
121		Teller Elementary School - 8776
122		Thomas Jefferson High School - 8822
123		Traylor Elementary School - 8888
124		Trevista Ece-8 At Horace Mann - 8909
125		University Park Elementary School - 8970
126		Valdez Elementary School - 0408
127		Valverde Elementary School - 9050
128	SSC	Venture Prep - 2755
129	CMO	West Denver Prep - Highland Campus - 9336
130	CMO	West Denver Prep - Lake Campus - 9390
131	CMO	West Denver Prep: Federal Campus - 8085
132	CMO	West Denver Prep: Harvey Park Campus - 9389
133		West High School - 9408
134		Westerly Creek Elementary - 9425
135		Whittier K-8 School - 9548
136		William (Bill) Roberts K-8 School - 9623
137	SSC	Wyatt-Edison Charter Elementary School - 9739