

**CST Performance Results and Participation for Students with Disabilities:
2009-2010 school Year**

February 24, 2011

The results are based on the final 2010 STAR files provided by the district. Table one presents the total number of records included in the relevant file. The original STAR file contains 491,290 student records available for analysis (which is about 3.7% fewer than 2008-2009). However, this file contains several duplicate records and invalid student IDs. After aggregating the data so that no student ID is duplicated the number of student records decreases to 483,943.

Table 1a: Identified Students with Disabilities non-Charter

	<u>Frequency</u>	<u>Percent</u>
Non-Disabled Students	427,109	88.3
Student with Disabilities	56,741	11.7
Unknown	93	0.02
Total	483,943	

The reduction in students without disabilities is approximately twice the number of students with disabilities, but the proportional representation before and after eliminating duplicate IDs remains the approximately same, providing some evidence that the duplicate records do not systematically come from one set of students. This provides some evidence for a tenable assumption that the remaining data are representative in the disability dimension.

Including data from Charter schools with CST information as well as Charter school student information provided by the OIM (a total of 547 students), the distribution of SWD and non-SWD students is little changed. Although, overall, the proportion of SWD in Charter schools is lower than in non-Charter schools in LAUSD. Table 1b summarizes the number of students available for analysis from all data sources.

Table 1b: Identified Students with Disabilities – incl. Charters

	<u>Frequency</u>	<u>Percent</u>
Non-Disabled Students	457,452	88.3
Student with Disabilities	59,454	11.5
Unknown	1,135	0.2
Total	518,041	

The results in table 2a summarize the performance by non-disabled and disabled students for non-Charter schools. It is important to bear in mind that the total number of students in the (non-duplicate ID) file does not equal the number of test scores available due to missing data¹. Further, it is important to note that not all scores of Basic or above count towards meeting the outcome. This is determined by the inclusion code. Including only valid scores that do not need to be recoded and excluding scores that are coded as “did not attempt,” the percentage of SWD meeting the Basic or above requirement in ELA is 29.76% and in Mathematics is 29.53%. For both ELA and Mathematics, the basic or above percent is slightly improved over 2008-2009.

Table 2b presents the combined results for students based on the final LAUSD STAR data as well as including 547 Charter students whose results were not reported. These students were classified as not tested and used in the denominator to calculate the percent basic and above. Including these Charter school students slightly decreases the percentage of SWD students who scored basic or above. In ELA, the percent meeting basic or above is 29.39% and in Mathematics it is 29.15%.

¹ Approximate missing: for ELA about 2.1% and for Mathematics about 4.6% are missing. It is unlikely that this would have a substantive impact on performance results.

Table 2a: Performance by disability status: final STAR

CST ELA	Include Indicator					Percent Basic or above ¹
	Not Tested	Recode FBB	Invalid Score	Score OK	Total	
Non-Disabled Students						
Far Below Basic	0	19	0	39,180	39,199	
Below Basic	0	15	0	64,712	64,727	
Basic	0	9	0	131,795	131,804	
Proficient	0	2	0	110,019	110,021	
Advanced	0	3	0	72,800	72,803	
Did not attempt	<u>7,797</u>	<u>0</u>	<u>705</u>	<u>13</u>	<u>8,515</u>	
Total	7,797	48	705	418,519	427,069	75.17%
Students with Disabilities						
Far Below Basic	0	685	0	17,056	17,741	
Below Basic	0	396	0	11,643	12,039	
Basic	0	194	0	8,370	8,564	
Proficient	0	40	0	3,100	3,140	
Advanced	0	4	0	1,251	1,255	
Did not attempt	<u>1,299</u>	<u>0</u>	<u>323</u>	<u>1</u>	<u>1,623</u>	
Total	1,299	1,319	323	41,421	44,362	29.76%
CST Mathematics						
	Not Tested	Recode FBB	Invalid Score	Score OK	Total	Percent Basic or above ¹
Non-Disabled Students						
Far Below Basic	0	9	0	44,268	44,277	
Below Basic	0	13	0	98,998	99,011	
Basic	0	7	0	94,919	94,926	
Proficient	0	0	0	92,511	92,511	
Advanced	0	2	0	77,971	77,973	
Did not attempt	<u>15,968</u>	<u>0</u>	<u>1,538</u>	<u>90</u>	<u>17,596</u>	
Total	15,968	31	1,538	408,757	426,294	64.94%
Students with Disabilities						
Far Below Basic	0	600	0	13,673	14,273	
Below Basic	0	497	0	14,620	15,117	
Basic	0	109	0	6,710	6,819	
Proficient	0	21	0	3,676	3,697	
Advanced	0	5	0	1,989	1,994	
Did not attempt	<u>2,730</u>	<u>3</u>	<u>508</u>	<u>11</u>	<u>3,252</u>	
Total	2,730	1,235	508	40,679	45,152	29.53%

Notes:

1) Numerator excludes all N, R, and T coded score. Excludes "Did not attempt".
Denominator excludes "Did not attempt."

Table 2b: Performance by disability status: including unreported Charter students²

CST ELA	Include Indicator					Percent Basic or above ¹
	Not Tested	Recode FBB	Invalid Score	Score OK	Score Total	
Non-Disabled Students						
Far Below Basic	0	19	0	39,180	39,199	
Below Basic	0	15	0	64,712	64,727	
Basic	0	9	0	131,795	131,804	
Proficient	0	2	0	110,019	110,021	
Advanced	0	3	0	72,800	72,803	
Did not attempt	<u>7,797</u>	<u>0</u>	<u>705</u>	<u>13</u>	<u>8,515</u>	
Total	7,797	48	705	418,519	427,069	75.17%
Students with Disabilities						
Far Below Basic	547	685	0	17,056	18,288	
Below Basic	0	396	0	11,643	12,039	
Basic	0	194	0	8,370	8,564	
Proficient	0	40	0	3,100	3,140	
Advanced	0	4	0	1,251	1,255	
Did not attempt	<u>1,299</u>	<u>0</u>	<u>323</u>	<u>1</u>	<u>1,623</u>	
Total	1,846	1,319	323	41,421	44,909	29.39%
CST Mathematics						
	Not Tested	Recode FBB	Invalid Score	Score OK	Score Total	Percent Basic or above ¹
Non-Disabled Students						
Far Below Basic	0	0	0	0	0	
Below Basic	0	9	0	44,268	44,277	
Basic	0	13	0	98,998	99,011	
Proficient	0	7	0	94,919	94,926	
Advanced	0	0	0	92,511	92,511	
Did not attempt	0	2	0	77,971	77,973	
Did not attempt	<u>15,968</u>	<u>0</u>	<u>1,538</u>	<u>90</u>	<u>17,596</u>	
Total	15,968	31	1,538	408,757	426,294	64.94%
Students with Disabilities						
Far Below Basic	0	0	0	0	0	
Far Below Basic	547	600	0	13,673	14,820	
Below Basic	0	497	0	14,620	15,117	
Basic	0	109	0	6,710	6,819	
Proficient	0	21	0	3,676	3,697	
Advanced	0	5	0	1,989	1,994	
Did not attempt	<u>2,730</u>	<u>3</u>	<u>508</u>	<u>11</u>	<u>3,252</u>	
Total	3,277	1,235	508	40,679	45,699	29.15%

Notes:

1) Numerator excludes all N, R, and T coded score. Excludes "Did not attempt".

Denominator excludes "Did not attempt."

2) non-reported Charter students N= 547, Not Tested

Table 3a summarizes the participation rates for SWD and non-SWD students in non-Charter schools. The results in table 3a are based on the number of students in the working dataset (denominator) and the number of cases with valid include codes

(numerator). Part A includes only CST results, while Part B adds to the numerator the number of SWD that took the CAPA. Part C adds to Part B the CMA results.

Table 3a: SWD Participation in Assessment: Non-Charter schools

	<u>Part A</u>		<u>Part B</u>		<u>Part C</u>	
	<u>Non-SWD</u>	<u>SWD</u>	<u>Non-SWD</u>	<u>SWD</u>	<u>Non-SWD</u>	<u>SWD</u>
ELA						
Numerator	419,272	43,063	419,272	48,910	419,284	55,408
Denominator	427,055	56,740	427,055	56,740	427,055	56,740
Percent	98.2	75.9	98.2	86.2	98.2	97.7
Mathematics						
Numerator	410,326	42,422	410,326	48,269	410,336	53,823
Denominator	427,055	56,740	427,055	56,740	427,055	56,740
Percent	96.1	74.8	96.1	85.1	96.1	94.9

All parts exclude STS (n= 29)
 Part A includes only CST results
 Part B includes CST and CAPA
 Part C includes CST, CAPA, and CMA.

Table 3b presents participation results for students using the final STAR dataset and including the 547 Charter students that whose performance was not reported. These 547 students are included in the denominator of all SWD calculations in table 3b. This decreased overall participation slightly.

Table 3b: SWD Participation in Assessment (including unreported Charter students¹)

	<u>Part A</u>		<u>Part B</u>		<u>Part C</u>	
	<u>Non-SWD</u>	<u>SWD</u>	<u>Non-SWD</u>	<u>SWD</u>	<u>Non-SWD</u>	<u>SWD</u>
ELA						
Numerator	419,272	43,063	419,272	48,910	419,284	55,408
Denominator	427,055	57,287	427,055	57,287	427,055	57,287
Percent	98.2	75.2	98.2	85.4	98.2	96.7
Mathematics						
Numerator	410,326	42,422	0	410,326	48,269	53,823
Denominator	427,055	57,287	0	427,055	57,287	57,287
Percent	96.1	74.1		96.1	84.3	94.0

All parts exclude STS (n= 29)

Part A includes only CST results

Part B includes CST and CAPA

Part C includes CST, CAPA, and CMA.

(1) includes 547 charter students not reporting on STAR
and assumes no testing.

Overall, the district demonstrated slightly improved performance, while roughly maintaining participation rates.