

**CST Performance Results and Participation for Students with Disabilities:  
2006-2007 school Year**

The results are based on the December, 2007 STAR files provided by the district. Table one presents the total number of records included in the relevant file<sup>1</sup>. Table one indicates that there are 534,790 student records available for analysis. 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 524,744. The

**Table 1: Identified Students with Disabilities**

Original file	<u>Number</u>	<u>Percent</u>
Non-SWD	473,263	88.5%
SWD	61,527	11.5%
Total	534,790	100.0%
After Eliminating Duplicate IDs		
Non-SWD	464,332	88.5%
SWD	60,412	11.5%
Total	524,744	100.0%

reduction in students with and without disabilities is approximately equal (that is, the proportional representation before and after eliminating duplicate IDs remains the 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.

The results in table 2 summarize the performance by non-disabled and disabled students. 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 data. 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

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<sup>1</sup> Data received 12/07/07.

Table 2: Performance by disability status

CST ELA	Include Indicator				Total	Percent Basic or above <sup>1</sup>
	N Not Tested	R Rec FBB	T Inval score	Y OK		
<b>Non-Disabled Students</b>						
Far Below Basic	22	10	2	53,271	53,305	
Below Basic	0	24	0	96,393	96,417	
Basic	0	9	0	148,776	148,785	
Proficient	0	2	0	102,167	102,169	
Advanced	0	0	0	51,072	51,072	
Did not attempt	<u>0</u>	<u>0</u>	<u>1,436</u>	<u>0</u>	<u>1,436</u>	
Total	22	45	1,438	451,679	453,184	66.85%
<b>Students with Disabilities</b>						
Far Below Basic	6	1,193	2	22,438	23,639	
Below Basic	0	807	0	15,595	16,402	
Basic	0	289	0	8,266	8,555	
Proficient	0	33	0	2,402	2,435	
Advanced	0	10	0	863	873	
Did not attempt	<u>0</u>	<u>0</u>	<u>398</u>	<u>0</u>	<u>398</u>	
Total	6	2,332	400	49,564	52,302	22.22%
<b>CST Mathematics</b>						
CST Mathematics	Include Indicator				Total	Percent Basic or above <sup>1</sup>
	N Not Tested	R Rec FBB	T Inval score	Y OK		
<b>Non-Disabled Students</b>						
Far Below Basic	0	0	0	56,354	56,354	
Below Basic	0	0	0	126,353	126,353	
Basic	0	1	0	108,059	108,060	
Proficient	0	0	0	89,455	89,455	
Advanced	0	0	0	59,633	59,633	
Did not attempt	<u>0</u>	<u>0</u>	<u>1,341</u>	<u>0</u>	<u>1,341</u>	
Total	0	1	1,341	439,854	441,196	58.46%
<b>Students with Disabilities</b>						
Far Below Basic	0	287	0	18,328	18,615	
Below Basic	0	250	0	19,366	19,616	
Basic	0	51	0	6,589	6,640	
Proficient	0	14	0	3,179	3,193	
Advanced	0	1	0	1,474	1,475	
Did not attempt	<u>0</u>	<u>0</u>	<u>358</u>	<u>0</u>	<u>358</u>	
Total	0	603	358	48,936	49,897	22.69%

Notes:

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

Denominator excludes "Did not attempt."

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 22.2% and in Mathematics is 22.7%. The codes for the columns in Table 3 correspond to the inclusion codes for the STAR testing system. That is a “N” indicates that the student was not tested, a “R” indicates that the score counts, but must be recoded to FBB, a “T” indicates

that the score is invalid, and a “Y” indicates that the score is valid as is. These rules were incorporated in calculating the percent meeting the basic or above requirement.

Table 3 summarizes the participation rates for SWD and non-SWD students. The results in table 3 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.

Table 3: Participation Rates (non-duplicated)

<b>ELA</b>	<b>Part A</b>		<b>Part B</b>	
	<u>Non-SWD</u>	<u>SWD</u>	<u>Non-SWD</u>	<u>SWD</u>
Numerator	453,198	52,336	453,198	57,938
Denominator	464,332	60,412	464,332	60,412
Percent	97.6	86.6	97.6	95.9
<b>Mathematics</b>	<b>Part A</b>		<b>Part B</b>	
	<u>Non-SWD</u>	<u>SWD</u>	<u>Non-SWD</u>	<u>SWD</u>
Numerator	442,294	50,240	442,294	55,842
Denominator	464,332	60,412	464,332	60,412
Percent	95.3	83.2	95.3	92.4