

Colorado District and School Diagnostic Growth Summary

Colorado's Growth Model provides a way for educators to understand how much growth a student made from one CSAP administration to the next. The Growth Model compares each student's performance to students in the same grade throughout Colorado who had similar CSAP scores in past years, and calculates a Student Growth Percentile. If the student grew as much or more than 60 percent of her peers, the student would have a 60th Growth Percentile.

1. Student Growth Percentiles can be used to determine "How much growth is enough?", specifying the amount of growth necessary for each student to reach proficiency ("catch up") or maintain proficiency ("keep up") within three years or by 10th grade. In the table below, the 2008 data for **Percent on Track to Catch Up** gives the district percentages of students, scoring Unsatisfactory or Partially Proficient in 2007, making enough growth during the 2007-08 academic year to reach proficiency within three years or 10th grade. Similarly, the 2008 data for **Percent on Track to Keep Up** gives the district percentages of students, scoring Proficient or Advanced in 2007, making enough growth during the 2007-08 academic year to remain at or above proficient over the next three years or 10th grade.
2. Student Growth Percentiles can be aggregated at the grade, school, and district levels to provide a summary number. This is done through finding the median score (the middle score if you rank the scores from highest to lowest). Below you will find **Median Student Growth Percentiles** for your district reflecting growth from 2005 to 2006, from 2006 to 2007, and from 2007 to 2008.

The state median growth percentile is always 50, so it is useful to examine substantial differences from 50 when looking for high and low growth. Median Student Growth Percentiles of 50 and above are colored in green in the tables below. Data are provided only for those students who are not new to the school after October 1st of the academic school year. If data are not shown below, fewer than 16 students were included in the group.

GREEN = meets or exceeds state median growth percentile of 50 and higher

LITTLETON 6	Reading			Writing			Math		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Districtwide Information									
1. On Track to Catch Up and Keep Up									
Percent on Track to Catch Up									
Low Income		26.8%	25.1%		24.1%	24.6%		13.0%	12.6%
Minority		31.7%	29.1%		26.9%	26.8%		13.5%	13.6%
Boys		35.0%	31.4%		32.8%	30.4%		14.1%	16.4%
Girls		43.1%	38.4%		41.9%	36.7%		15.4%	14.3%
Percent on Track to Keep Up									
Low Income		70.5%	77.5%		54.7%	66.3%		47.3%	60.4%
Minority		74.3%	82.4%		62.9%	73.2%		55.3%	67.5%
Boys		81.8%	86.0%		68.2%	76.7%		67.2%	75.4%
Girls		88.2%	90.7%		80.3%	84.7%		66.1%	73.0%
Elementary School Students									
Percent on Track to Catch Up		39.6%	35.4%		52.5%	47.6%		35.3%	29.0%
Percent on Track to Keep Up		81.1%	87.1%		74.5%	83.3%		74.4%	80.1%
Middle School Students									
Percent on Track to Catch Up		47.6%	34.1%		37.0%	28.6%		17.4%	18.6%
Percent on Track to Keep Up		85.4%	86.2%		74.1%	76.7%		62.0%	70.1%
High School Students									
Percent on Track to Catch Up		22.2%	33.3%		18.9%	24.5%		4.8%	7.6%
Percent on Track to Keep Up		89.8%	92.5%		76.6%	85.6%		64.5%	74.1%
2. Median Student Growth Percentiles									
Elementary School(s)	57	59	56	59	57	57	57	62	58
Middle School(s)	49	53	50	49	49	51	51	50	52
High School(s)	52	50	51	57	52	53	52	54	58
Grade 4	60	58	55	60	61	57	57	66	58
Grade 5	55	59	57	58	53	58	57	60	57
Grade 6	48	54	49	41	44	47	48	47	47
Grade 7	47	51	49	54	49	52	56	51	55
Grade 8	51	54	54	53	52	53	51	54	54
Grade 9	54	55	57	59	55	53	54	58	61
Grade 10	51	46	45	55	48	52	51	51	54
2. Median Student Growth Percentiles									
AMES ELEMENTARY SCHOOL									
All Students	51	74.5	62	56	67	56.5	50	75.5	59.5
Low Income	43.5	51.5	51.5	60	64	60.5	43.5	61.5	52.5
Minority	51.5	78	52	71.5	62	60	53.5	73	.
Boys	48	67	59	49.5	67	53	45.5	72	56
Girls	52	78	65	60	69	58	51	76	61