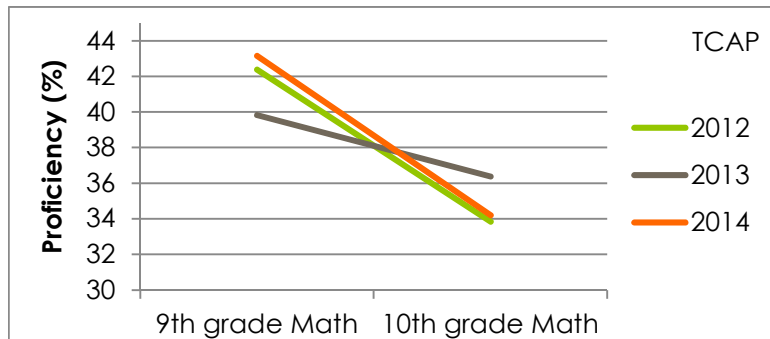


# Essential Data for School Accountability: Bear Creek High School 2015-2016



## Aim higher. Stay focused.

~Brandon Adams



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## Demographics

**Total Number of Students:** 346

**Minority:** 46%

**Free and Reduced Lunch:** 73%

**Estimated Percentage of ALP Students:** 8%

**Remediation Rates:** 39%



## School Wide Performance by Student Group

Bear Creek High School	MGP 2012	MGP 2013	MGP 2014	Rolling MGP	% P&A 2012	% P&A 2013	% P&A 2014	Rolling P&A
<b>Math</b>								
Free and Reduced Lunch <sup>1</sup>	46	47	53	49	26%	27%	24%	25%
General Education <sup>2</sup>	50	50	50	50	44%	44%	45%	44%
Advanced Learning Plan <sup>3</sup>	69	64	47	60	56%	55%	43%	51%
<b>Reading</b>								
Free and Reduced Lunch	38	43	48	43	58%	64%	63%	61%
General Education	44	47	48	46	76%	80%	81%	79%
Advanced Learning Plan	51	41	56	49	35%	21%	24%	27%
<b>Writing</b>								
Free and Reduced Lunch	32	46	48	42	33%	43%	42%	40%
General Education	41	44	47	44	57%	64%	61%	61%
Advanced Learning Plan	51	51	49	50	38%	30%	29%	32%

\*\*Data Not Available

Legend	
<b>MGP</b>	Median Growth Percentile
<b>%P&amp;A</b>	Percent Proficient and Advanced
<b>F&amp;R</b>	Free and Reduced Lunch
<b>GT</b>	Gifted and Talented ~ General ALP
<b>IEP</b>	Individualized Education Program

\* All student demographics align with the 2013 – 14 CDE data set.

<sup>1</sup> F&R/NotGT/NotIEP

<sup>2</sup> NotF&R/NotGT/NotIEP

<sup>3</sup> NotF&R/GT/NotIEP - %P&A values reflect only percent advanced to align with expectations.

## School Wide Performance by Grade and Subject

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Percent Proficient/Advanced						
Year	9th Grade			10th Grade		
	Reading	Writing	Math	Reading	Writing	Math
2012	67%	50%	42%	67%	44%	34%
2013	67%	56%	40%	74%	53%	36%
2014	70%	57%	43%	73%	51%	34%

Median Growth Percentile						
Year	9 <sup>th</sup> Grade			10 <sup>th</sup> Grade		
	Reading	Writing	Math	Reading	Writing	Math
2012	40	38	50	45	39	48
2013	46	42	49	44	48	48
2014	45	49	56	51	47	46

Average ACT Scores					
Bear Creek					
Year	Composite	English	Math	Reading	Science
2013	20.0	18.9	20.2	19.8	20.5
2014	20.9	19.7	20.7	21.1	21.4
2015	20.0	18.8	20.1	20.0	20.6

Focus on **Median Growth Percentile (MGP)** as a key measure of a school team's value added.

- The impact of different student demographics/socio-economic situations on MGP is minimal.
- A MGP above 60 indicates that students are learning at least a year's worth of information, a MGP below 40 shows that less than a year's worth of learning has occurred.

Focus on **Rolling MGP**, the three year average MGP for the school, as it controls for the impact of student and staff populations over time.

Focus on **Percent Proficient and Advanced (% P&A)** as a key measure of students' progress towards meeting the goal of being career and college ready.

## **District Goals: How will your achievement improvements contribute?**

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- **Every student will have completed Algebra 1 by the end of 9th grade (unless IEP requirement is different).**
- The percentage of proficient/advanced third grade students in reading on TCAP will increase from 80% to 85% by August of 2015.
- The percentage of proficient/advanced fourth grade students in math on TCAP will increase from 77% to 80% by August 2015.
- **Every student will achieve one year's growth, or more as needed to 'catch up,' in each year of school and be ready for the next level.**
- The growth measures for the median growth percentile (MGP) will reach 50th MGP or growth measures over 50th MGP will increase by:
  - For Free/Reduced Lunch Eligible students
    - in writing from 47 to 50
    - in reading from 48 to 50
    - in math from 49 to 51
  - For students with disabilities
    - in writing from 45 to 50
    - in reading from 48 to 50
    - in math from 50 to 52
  - For English learners
    - in writing from 52 to 54
    - in reading from 54 to 56
    - in math from 54 to 56
  - For Advanced Learning Plan (ALP) students
    - in writing from 54 to 56
    - in reading from 57 to 59
    - in math from 60 to 62

- The college remediation rate for Jeffco graduates will decrease from 29.8% to 27.8% by Spring 2015.
- Every student will graduate career and workforce and/or post-secondary ready.
- The Colorado ACT scores in every high school in every subgroup will meet/exceed the 'college readiness' benchmarks as defined by ACT below:

College Readiness Benchmark by Subject				
Subject	English	Mathematics	Reading	Science
Score	18	22	22	23

## Average Freshman ACT Scores for Colleges in Colorado

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All 11<sup>th</sup> graders in Colorado take the ACT, many colleges use this as an entrance indicator of college readiness. Below are the average freshmen composite ACT scores:

- Colorado School of Mines – 31
- Colorado State University – 24.7
- Colorado University at Boulder – 26.8
- Denver University – 28
- Red Rocks Community College – To be exempt from Accuplacer test
  - Reading – 17
  - English – 18
  - Math - 19

## Important Questions for Accountability Committees

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- How are you identifying best practices in your building and transferring those skills among your staff?
- Do you understand the root causes of achievement shortfalls at your school?
- Have you tracked implementation of major achievement improvement initiatives from previous years' Unified Improvement Plans?
- Which group of students is experiencing the most growth and why?
- Are all of your students experiencing at least a year's worth of achievement growth?
- What changes will you make to ensure all students are proficient at the end of every year?
- Have you looked at achievement scores from other schools to determine best practices from schools in Jeffco and beyond?
- In which subjects and grade levels are students experiencing the most growth at your school?
- How do we replicate success?

## Sources

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[CDE Datalab](#)

<http://www.jeffcopublicschools.org/schools/>

<http://www.boarddocs.com/co/jeffco/Board.nsf/Public>