



BLAINE COUNTY SCHOOL DISTRICT

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To: Blaine County Board of Trustees

From: GwenCarol Holmes, Ed.D., Superintendent
Angie Martinez, Executive Director of Teaching & Learning
Marcia Grabow, Data and Assessment Coordinator

Topic: REVISED College and Career Readiness Indicators (Advanced Opportunities)

Background

The College and Career Readiness indicators on the Idaho Report Card (www.idahoschools.org) are defined as “the attainment and demonstration of requisite competencies that broadly prepare high school graduates for a successful transition into some form of postsecondary education and/or the workplace.”^[1] The indicators are: 1) participation in College and Career Readiness Courses, 2) meeting College Readiness Benchmarks on the SAT, and 3) enrollment in 8th grade and 9th grade Mathematics Courses.

1. College and Career Readiness Course Indicator

College and Career Readiness courses include student participation in Dual Credit, Advanced Placement, and Career Technical Capstone courses. Seniors who participate in one or more of these classes or who earn industry recognized professional or technical certifications while in high school are included in the College and Career Readiness Course Indicator. The list of College and Career Readiness courses presently offered at each school are in Appendix A. The list of industry recognized certifications completed are in Appendix B.

2. College Readiness Benchmarks on the SAT

The Idaho State Department of Education (SDE) pays for 11th grade students to participate in SAT School Day in April each year. This is the fourth year of results with the “new” SAT that was introduced in 2016. Previously the SAT had three sections (critical reading, math, and writing) and focused on general reasoning skills. The redesigned SAT has two sections, Evidence-Based Reading and Writing (EBRW) and Math, and focuses on the knowledge, skills and understandings that have been identified as most important for college and career readiness and success ^[2].

Blaine County School District participation in the SAT School Day has increased from 69% in April 2016 to ~90% for the last 3 years. Idaho participation increased from 85% in April 2016 to ~90% for the last 3 years. In Blaine County, Hispanic students took the SAT at the same rate as students that are not Hispanic.

The College Readiness Benchmarks used by the State of Idaho are the “12th grade” benchmarks set by CollegeBoard ^[3]. Benchmarks have been set by CollegeBoard for each grade level, and *the 11th grade benchmarks are a more appropriate measure of college readiness for the juniors* that took the SAT on SAT School Day.

	11th grade Benchmark	Idaho Benchmark (12th grade)
EBRW	460	480
Math	510	530

3. Enrollment in 8th grade and 9th grade Mathematics Courses

The percentage of students in 8th grade completing Pre-Algebra (8th grade Math) or higher-level math, and the percentage of students in 9th grade completing Algebra 1 or higher-level math is included as a College and Career Readiness indicator for middle and high schools.

Results

1. College and Career Readiness Course Indicator

There are two ways to meet this indicator:

- 1a: Participating in at least one College and Career Readiness Course (Dual Credit, Advanced Placement, or Career Technical Capstone course)
- 1b: Earning at least one Technical Certification

1a. Number of 12th grade students participating in at least one College and Career Readiness Course by type of course

	Participation By Course Type		
	Dual Credit	Advanced Placement	Career Technical Capstone course
2018-19	222	153	34
2017-18	193	143	29

1b. Number of students earning at least one Career Technical Certification by grade level

	Grade Level				Total
	9	10	11	12	
2018-19	53	10	11	10	84
2017-18	56	7	9	8	80

1c. Number of 12th grade students meeting the College and Career Readiness Course Indicator - by ethnicity

	BCSD			Idaho
	Hispanic	Not Hispanic	Overall	Overall
2018-19				
2017-18	93%	96%	95%	86%

Key findings - College and Career Readiness Courses:

- Participation is up in all three course types (Dual Credit, AP and CTE Capstone), with the highest participation growth in Dual Credit.
- The number of Career Technical Certifications went up by 4 from 2017-18 (80) to 2018-19 (84).
- BCSD exceeds the state's overall percentage of students meeting College and Career Readiness Course Indicator by 9 percentage points.
- The rate between Hispanic and Not Hispanic students in participating in College and Career Readiness Courses is similar.

2. College Readiness Benchmarks on the SAT

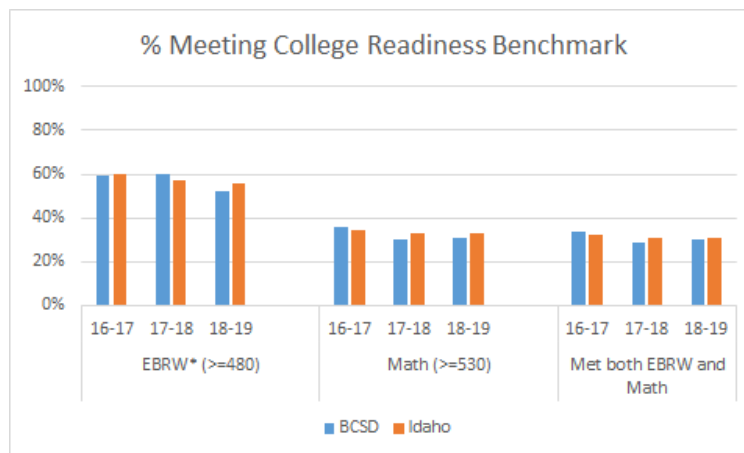
State, District, and School results are available on the [Tableau site](#). *Note: the Tableau results are not accurate at the school level, especially for Carey and Silver Creek, since the spreadsheet used by the SDE does not have accurate school and grade-level information for all students. The SDE will correct school and grade-level information before reporting College Readiness Benchmarks on the August SDE Report Cards.*

Below are the results from the SAT School Day for the three years where the BCSD and Idaho participation rates were 90% or above.

2a. BCSD and Idaho SAT School Day results - % Meeting Idaho College Readiness Benchmark

	BCSD	Idaho
EBRW* (>=480)		
2018-19	52%	56%
2017-18	60%	57%
2016-17	59%	60%
Math (>=530)		
2018-19	31%	33%
2017-18	30%	33%
2016-17	36%	34%
Met both EBRW and Math		
2018-19	30%	31%
2017-18	29%	31%
2016-17	34%	32%

*EBRW: Evidence-based Reading and Writing



2b. BCSD SAT School Day results by ethnicity - % meeting Benchmarks

	Hispanic			Not Hispanic			All		
	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19	2016-17	2017-18	2018-19
EBRW									
11th grade Benchmark	37%	49%	38%	84%	79%	76%	65%	67%	59%
Idaho Benchmark (12th grade)	31%	43%	28%	78%	72%	72%	59%	60%	52%
Math									
11th grade Benchmark	20%	22%	25%	60%	54%	57%	44%	41%	43%
Idaho Benchmark (12th grade)	13%	15%	16%	52%	42%	43%	36%	30%	31%

2c. BCSD and Idaho SAT School Day results - average scores

Scale: 600 max for EBRW and Math; 1200 max for Total

	Carey	Silver Creek	WRHS	BCSD	Idaho
EBRW					
2018-19	479	453	497	492	496
2017-18	480	503	507	504	502
2016-17	501	467	508	506	506
Math					
2018-19	488	438	489	485	480
2017-18	472	436	487	483	486
2016-17	513	427	493	491	492
Total					
2018-19	968	891	986	977	976
2017-18	951	939	993	987	988
2016-17	1014	893	1001	996	998

Key findings - College Readiness Benchmarks on the SAT

- Idaho results are slightly down
 - EBRW average went from 502 in 17-18 to 496; % meeting benchmark went from 57% to 56%
 - Math average down from 486 in 17-18 to 480; % meeting benchmark stayed at 33%
- BCSD results are down for EBRW and slightly up for Math
 - EBRW average went from 504 to 492; % meeting benchmark went from 60% to 52%
 - Math average went from 483 to 485; % meeting benchmark went from 30% to 31%
- For percent meeting College Readiness Benchmark, BCSD performed below the state in EBRW and Math
- There remains a gap between Hispanic and Not Hispanic subgroups in percent meeting benchmark
- For average scores, BCSD exceeded the state by one point when combining EBRW and Math.
 - WRHS’s average score exceeded the state’s average score in all three measures.

3. Enrollment in 8th grade and 9th grade Mathematics Courses

	8th grade - Pre-Algebra and above		9th grade - Algebra 1 and above	
	BCSD	Idaho	BCSD	Idaho
2018-19	97%		91%	
2017-18	97%	94%	95%	83%

Key findings - Enrollment in 8th grade and 9th grade Mathematics Courses

- Rates of students enrolled in at least at grade level in math are very high in BCSD

Next Steps

In *A Time for Change*, authors Muhammad & Cruz address how transformational leaders inspire and motivate a compelling case for change and create the right environment to work collaboratively with staff to respond to the needs of the organization (p. 23). Data should prompt conversation, and when contextualized, leads to actions intended as solutions. Transformational leaders use data to inspire and motivate a staff to explore actions toward continuous improvement, not for coercive compliance. “Data should be used to develop collaborative ownership of a problem and a collective desire to solve that problem.” (Muhammad & Cruz, 2010).

- Celebrate the number of college and career readiness courses and technical certificates presently available for students, while continuing to look for other advanced opportunities for students.

- Continue to recruit and provide support for students who are not presently taking advantage of advanced opportunities across demographics.
- Review the College and Career Readiness data with principals and assist them in sharing the data with their schools/teams.
 - This includes a deeper dive into the SAT blueprint to provide a clearer understanding of which topic areas presently show strengths and weaknesses.
 - 2018-19 Example: WRHS Math department set a SMART goal around SAT results and saw improvement.
 - Use the College and Career Readiness data dig to set growth goals and provide targeted improvement efforts in the areas of curriculum and instruction.
 - Engage the district's counselors in this data dig to equip them with information as they continue meeting with students regarding their high school and postsecondary college and career planning.
- Continue to support math teachers through the Secondary Math TOSA by task analyzing core topics that run vertically through the grade 6 through Geometry learning progression to increase the number of students meeting math proficiency at each grade level.
- Add PSAT and SAT scores in Mileposts to make summative data on specific College & Career Readiness Indicators available to teachers.

Appendix A. College and Career Readiness Courses Offered in BCSD

Carey School

Course	Type	# students in 2018-19
12th English	Dual Credit	17
Biology	Dual Credit	23
College Algebra/Trig	Dual Credit	7
CSI English 102	Dual Credit	1
DC Success 101	Dual Credit	6
US History	Dual Credit	22
IDLA Dual Credit Courses	Dual Credit	8
Calculus AB	Advanced Placement	1

Silver Creek High School

Course	Type	# students in 2018-19
CSI Agri 180 Food Science	Dual Credit	1
CSI Fundamentals of Communication	Dual Credit	1
CWI Coll Math in Modern Society	Dual Credit	8

Wood River High School

Course	Type	# students in 2018-19
Residential Construction Practicum	CTE Capstone	4
Engineering 2	CTE Capstone	21
Engineering 3	CTE Capstone	13
Certified Nurses Asst (CNA)	CTE Capstone, Dual Credit	14
Accounting B	Dual Credit	6
Business Computer Applications	Dual Credit	7
Business Management	Dual Credit	19
Chemistry	Dual Credit	95
College Algebra	Dual Credit	44
College English 101	Dual Credit	94
College English 175	Dual Credit	91
Computational Thinking and Prob Solving	Dual Credit	7
Financial Planning Economics	Dual Credit	121
Medical Technology I	Dual Credit	71
Medical Terminology	Dual Credit	27
Pre-Calculus	Dual Credit	78
Calculus AB	Advanced Placement	52
Calculus BC	Advanced Placement	23

Comparative Government and Politics	Advanced Placement	6
Computer Science Principles	Advanced Placement	34
English Language and Composition	Advanced Placement	160
English Literature and Composition	Advanced Placement	50
Environmental Science	Advanced Placement	151
Macroeconomics	Advanced Placement	54
Microeconomics	Advanced Placement	54
Music Theory	Advanced Placement	2
Physics 1	Advanced Placement	85
Physics 2	Advanced Placement	14
Psychology	Advanced Placement	105
Spanish Language and Culture	Advanced Placement	123
Statistics	Advanced Placement	60
Studio Art: Drawing Portfolio	Advanced Placement	27
United States Government and Politics	Advanced Placement	126
United States History	Advanced Placement	90
World History	Advanced Placement	8

Appendix B. Industry Recognized Professional and Technical Certifications

Adobe Graphic Design & Illustration using Adobe Illustrator
Adobe InDesign
Adobe Photoshop
Adobe Print & Digital Publication using Adobe InDesign
Adobe Visual Design Specialist
Adobe Visual Design using Photoshop
Certified Nursing Assistant (CNA)
CompTIA IT Fundamentals
Intuit Quickbooks
Microsoft Excel
Microsoft Powerpoint
Microsoft Word
OSHA Ten Hour