



DEPENDENTS EDUCATION COUNCIL

# 2016 Assessment Results



PRESENTED BY

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# Student Assessments

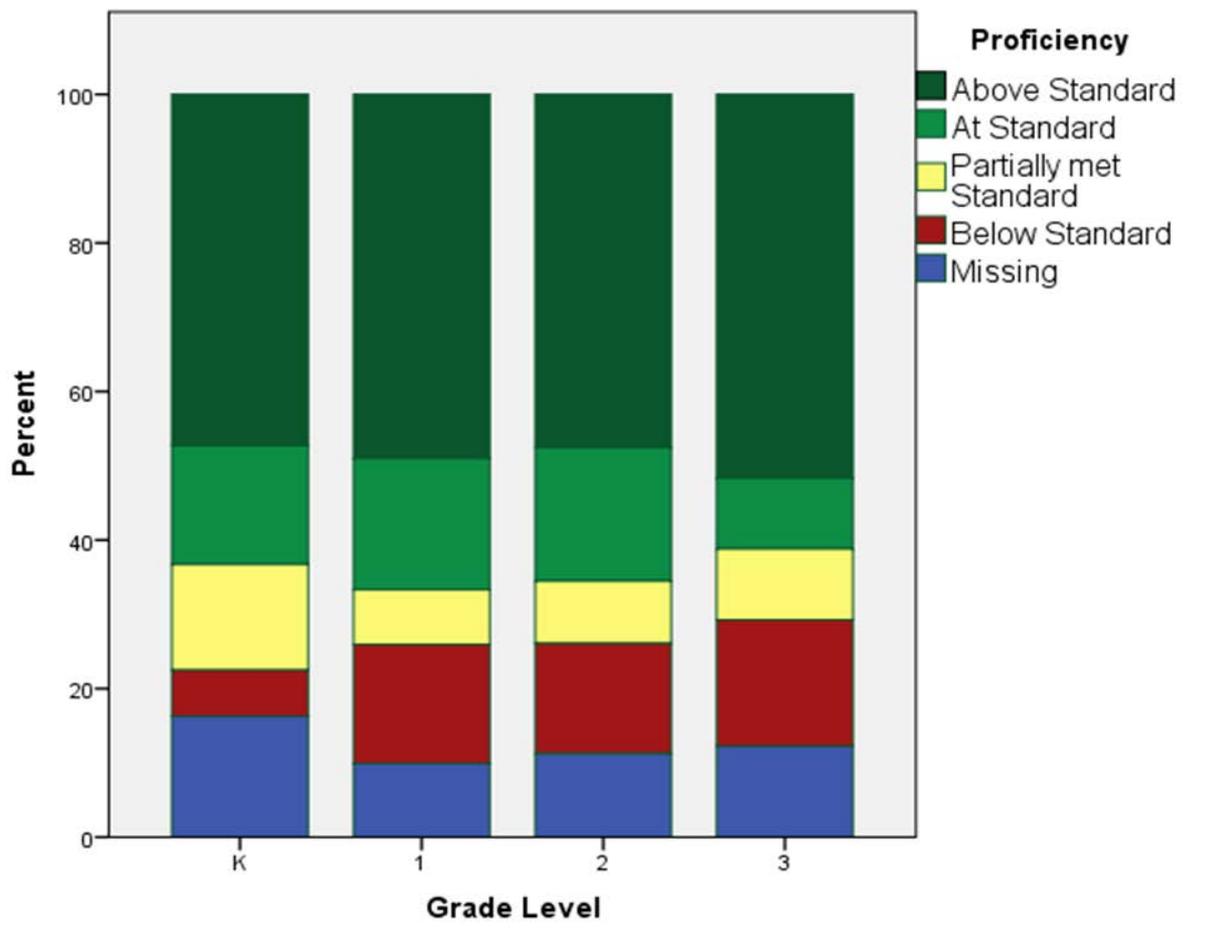
- Benchmark Assessment System (BAS) 2016 Results
- National Assessment of Educational Progress (NAEP) 2015 Science Results
- SAT 2016 Cohort Results
- Advanced Placement (AP) 2016 Results
- TerraNova3 2016 Results





# Benchmark Assessment System (BAS) 2016 Results

## Score Status of Students by Grade Level

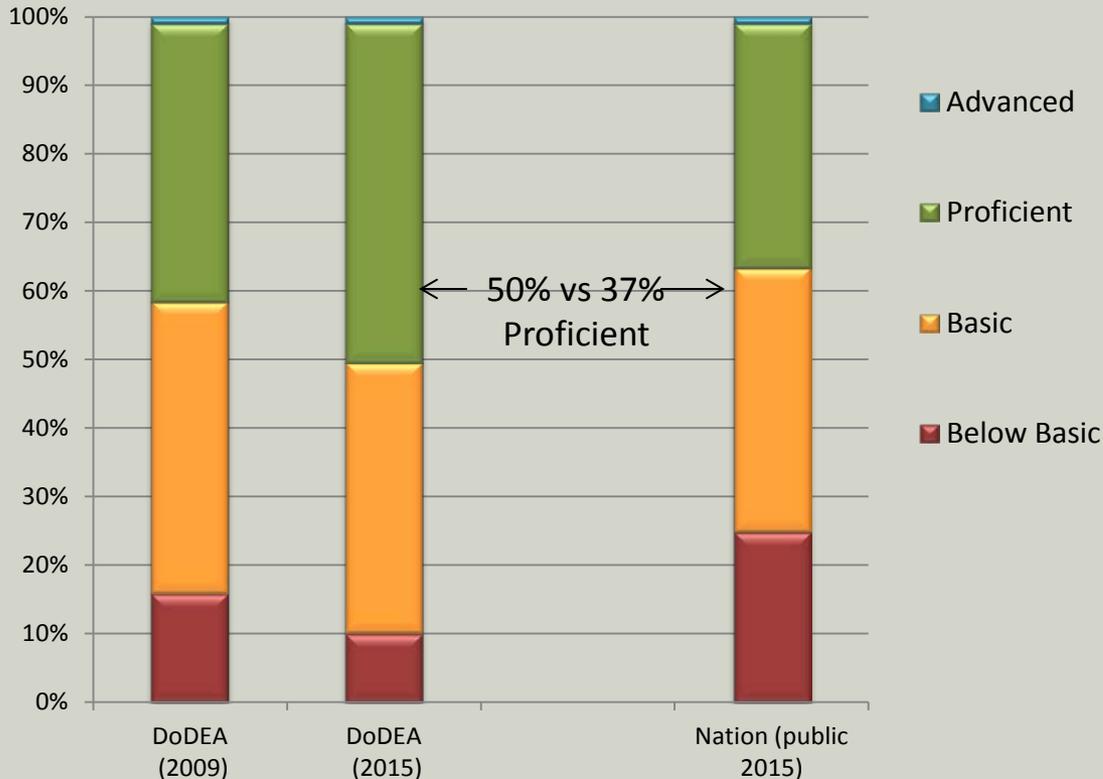


- The BAS measures reading proficiency
- Approximately 88% of students across grades K-3 had a valid end of year reading score
- Of those students with valid scores, 73% of students in K-3 scored Proficient (at or above standard), an increase of 2.5% from 2015
- 70% of third grade students scored Proficient, an increase of 3% from 2015



# NAEP 4<sup>th</sup> Grade Science (2015)

## NAEP Science Achievement Levels: DoDEA vs the Nation



Data Source: [www.nces.ed.gov](http://www.nces.ed.gov)

### DoDEA's average score:

- higher than the nation and tied for highest with NH and VA
- higher than it was at the last administration (2009)

### DoDEA's proficiency:

- 50% of 4<sup>th</sup> graders performed at or above Proficient in 2015; a 6% increase from 2009
- 10% of 4<sup>th</sup> graders performed Below Basic, a 6% decrease from 2009

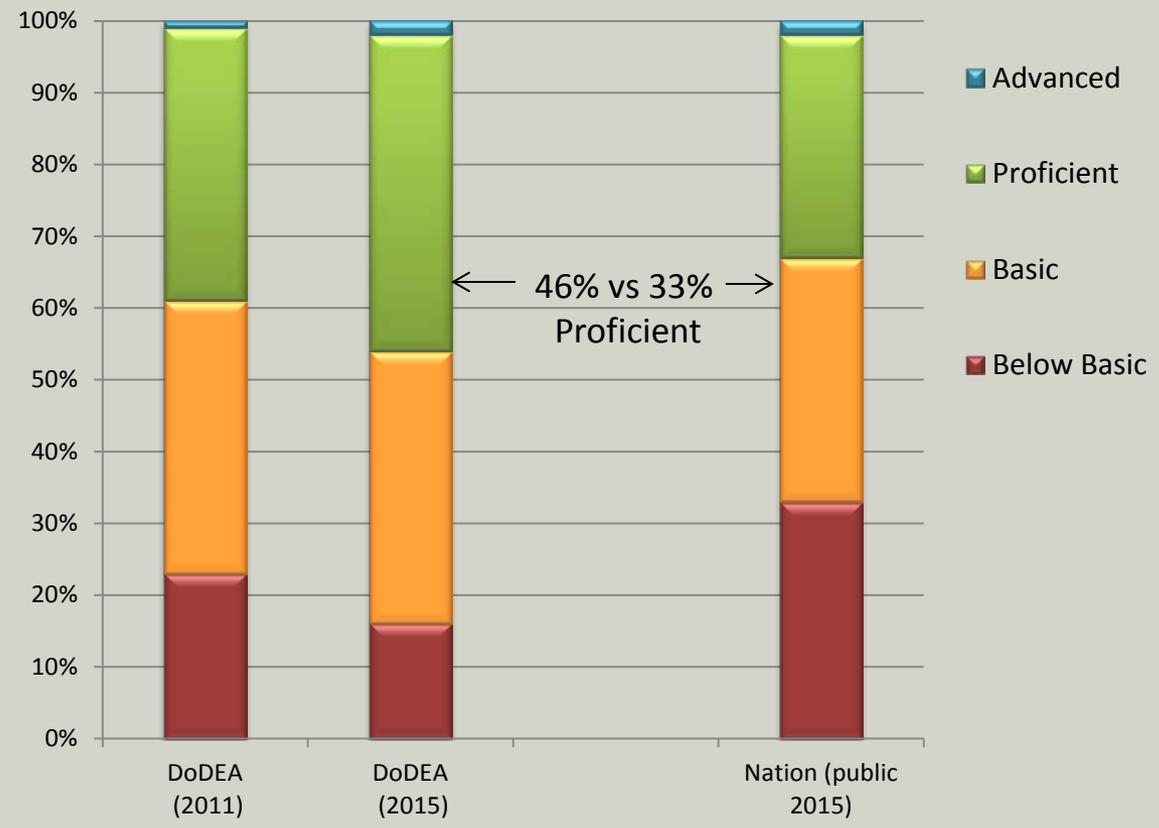
### Achievement Gaps:

- No difference between males and females
- There are gaps between minorities (Black & Hispanic) and White students



# NAEP 8<sup>th</sup> Grade Science (2015)

## NAEP Science Achievement Levels: DoDEA vs the Nation



Source: [www.nces.ed.gov](http://www.nces.ed.gov)

### DoDEA's average score:

- higher than the nation and tied for highest with NH and UT
- higher than the last administration (2011)

### DoDEA's Proficiency:

- 46% of 8<sup>th</sup> graders performed at or above Proficient; a 6% increase from 2011
- 16% of 8<sup>th</sup> graders performed Below Basic, a 7% decrease from 2011

### Achievement Gaps:

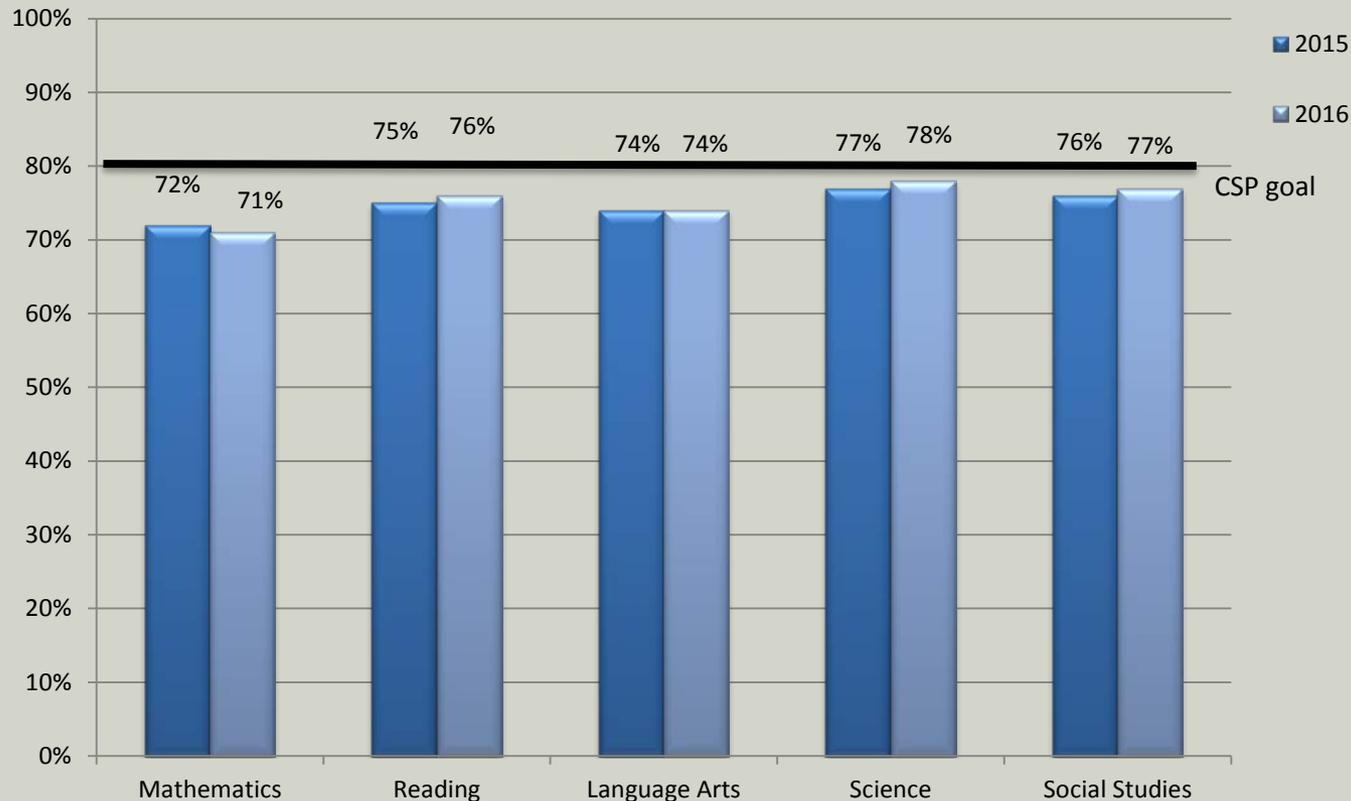
- Males scored higher than females
- There are gaps between minorities (Black & Hispanic) and White students





# TerraNova3 Results (2016)

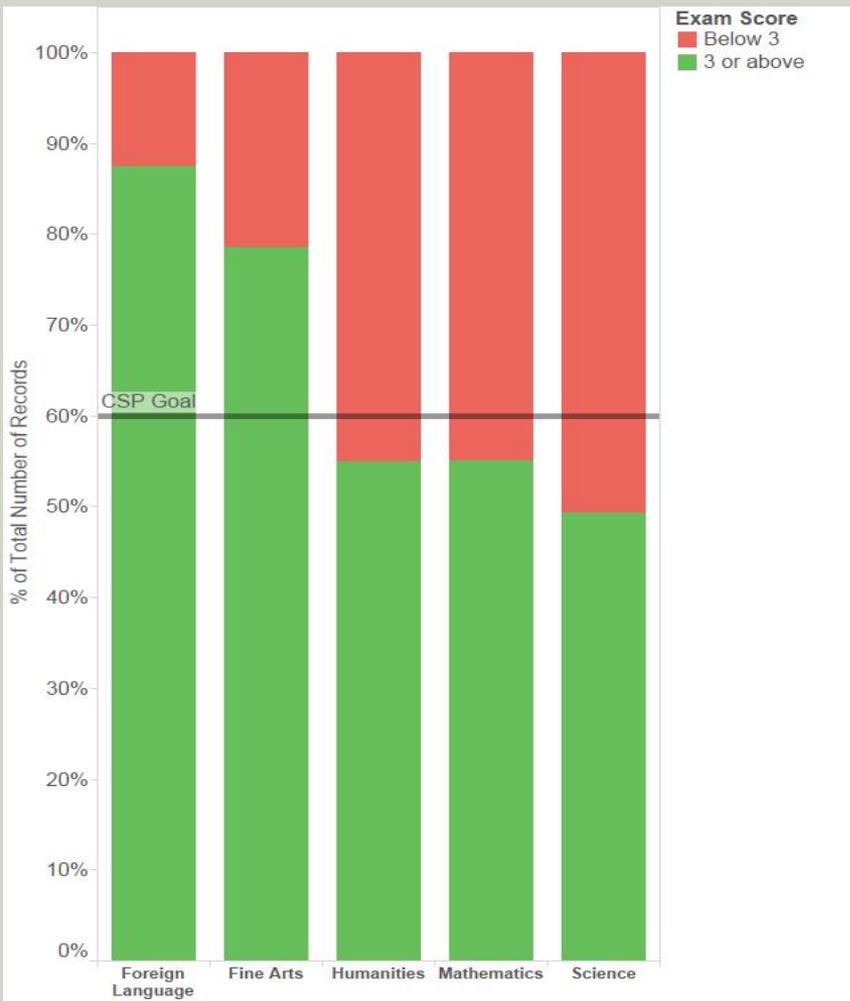
Percentage of Students in the Top Two Quarters



- In all subjects except Mathematics, there has been a slight increase in the percentage of students scoring in the top two quarters
- Across grade levels and subjects, DoDEA was shy of the CSP goal of 80% in the top two quarters

# deAdvanced Placement (AP) 2016

## Percentage of AP Exams Earning Score of Three or Above



## Participation

- Approximately 28% of students in grades 9-12 took at least one AP exam, 2 percentage points shy of the CSP goal of 30%

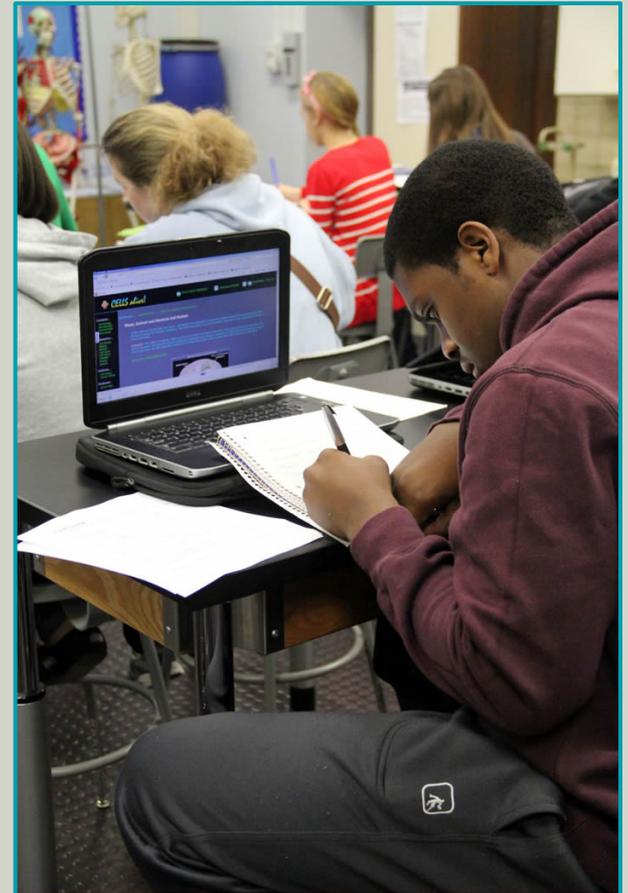
## Performance

- There is no “passing” score on the AP exams; students who score 3 or above are considered “prepared for college level work”
- Across content, 56.2% of AP Exams earned a score of 3 or higher, 4 percentage points below the CSP goal of 60%
- Performance was highest in the Foreign Languages (87.5%) and lowest in Science (49.3%)



# 2016 SAT Results

- SAT data were obtained from College Board and represent performance of DoDEA students who indicated that they were graduating in 2016 but who may have taken the SAT at any point during high-school.
  - Data include the most recent SAT test score. The majority of student scores were from a SAT taken in either 11<sup>th</sup> or 12<sup>th</sup> grade.
- College Board identifies college readiness benchmarks for individual test section and composite SAT scores.
  - Students who meet or exceed the SAT composite benchmark of 1550 are more likely to enroll in a 4 year college/university after graduation and to have a first year college GPA of B- or better.
  - Students who meet or exceed the subject area (Critical Reading, Writing, Mathematics) benchmarks of 500 should be able to successfully complete related courses (English Language Arts and Mathematics) in their freshman year of college.





# 2016 SAT Results

- DoDEA students scored higher than students nationally in both critical reading and writing but scored two points lower than the national average in mathematics.
- DoDEA's mean combined score on the 2016 SAT was 1511, 27 points higher than the national average of 1484.

Table 1: Average SAT Scores for the Nation and DoDEA's High School Graduating Class of 2016					
	Number of Test Takers	Critical Reading Average	Mathematics Average	Writing Average	Mean Combined Score
DoDEA	2,049	516	506	489	1,511
Nation	1,637,589	494	508	482	1,484

\* SAT scores include all students who tested prior to March of their senior year.



# Student Assessment Summary

- DoDEA student scores are equal or above the national average on the majority of system-wide assessments
  - Proficiency rates are shy of the CSP goals
  - Performance in Mathematics is below that in Reading
- DoDEA scores have been improving across assessments and grade levels
  - There are persistent gaps between minorities (Black & Hispanic) and White students