

UNDERSTANDING THE PARCC SCORES-MATH SECTION

- The following slides are in response to questions raised regarding the release of comparative PARCC scoring information for NJ school districts.
- When comparing math scores between districts, it is important to consider the student populations that are represented in the test results.

UNDERSTANDING THE PARCC SCORES-MATH SECTION

- ELA testing is done based completely on grade level.
- Math testing is assessed by grade level until a student reaches Algebra.
- A student taking Algebra 1, Geometry, or Algebra 2 will take the PARCC assessment as determined by their course level regardless of their grade level.

A QUICK COMPARISON OF 8TH GRADE TEST TAKERS

- PARCC Consortium 8th grade test takers
 - 18% taking Algebra 1 or Geometry
 - 82% of eighth graders took Grade 8 math test
- NJ 8th grade test takers
 - 34% taking Algebra 1 or Geometry
 - 66% of eighth graders took Grade 8 math test
- **Berkeley Heights 8th grade test takers**
 - **62%** taking Algebra 1 or Geometry
 - **38%** of eighth graders took Grade 8 math test

MATH ASSESSMENTS

- While ELA is tested by grade levels from 3-11 grade, math is assessed from grades 3-8 but students are assessed in Algebra I, Geometry, and Algebra II in the year in which they take the course regardless of their grade level.
- 97% of NJ 7th graders took the grade 7 math assessment as compared to **74% of Berkeley Heights 7th graders.**
- 66% of NJ 8th graders took the grade 8 math assessment as compared to **38% of Berkeley Heights 8th graders.**

% of students taking	Grade Level Math	Algebra 1	Geometry	Algebra 2
Grade 7	74%	25%	1%	0%
Grade 8	38%	35%	28%	0%
Grade 9	DNA	39%	39%	16%
Grade 10	DNA	5%	39%	44%
Grade 11	DNA	1%	2%	51%

BERKELEY HEIGHTS

2015 PARCC SCHOOL & GRADE-LEVEL OUTCOMES

MATHEMATICS

	Grade 3 % >= Level 4	Grade 4 % >= Level 4	Grade 5 % >= Level 4	Grade 6 % >= Level 4	Grade 7 % >= Level 4	Grade 8 % >= Level 4	Algebra I % >= Level 4	Geometry % >= Level 4	Algebra II % >= Level 4
Mountain Park	78	76	80						
T. P. Hughes	81	76	83						
W. Woodruff	74	62	63						
Columbia				54	42	22	86	100	
GLHS							11	26	41
District	78	72	76	54	42	22	47	41	41
NJ	45	40	41	41	37	24	36	23	24

***Note: Approximately 30,000 New Jersey students participated in the PARCC Algebra I assessment while in middle school. PARCC Math 7 & 8 outcomes are not representative of grade level performance as a whole.**

SUMMARY

- Berkeley Heights students are taking higher level math courses much sooner than the state averages.
- The students identified to take these math courses while in middle school did well on the PARCC assessment.
- The Grade 8 math scores represent only **38%** of our Grade 8 students.