

PARCC RESULTS: SPRING 2016 ADMINISTRATION

MIDDLETOWN TOWNSHIP
PUBLIC SCHOOLS

SEPTEMBER 27, 2016

Measuring
College and
Career Readiness

Middletown Township Standardized Assessments 2016-2017

- Middletown Township Public Schools have adopted several types of standardized assessments in order to adequately measure and monitor student progress against grade level/end of course standards in order to inform instruction, assist in setting personal learning goals, and identify areas in need of intervention as well as enrichment.
- Please visit the District's website for more information regarding the specific types of standardized assessments used during the 2016-2017 school year- click [here](#).



NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM- PARCC

- 2016 marks the 2nd administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and the first opportunity to compare year-to-year results as the following slides will show.
- Students took PARCC English Language Arts and Literacy Assessments (ELA/L) in grades 3 – 11.
- Students took PARCC Mathematics Assessments in grades 3 – 8 and End of Course Assessments in Algebra I, Geometry, and Algebra II.

PARCC PERFORMANCE LEVELS

- Level 1: Not yet meeting grade-level expectations
- Level 2: Partially meeting grade-level expectations
- Level 3: Approaching grade-level expectations
- Level 4: Meeting grade-level expectations
- Level 5: Exceeding grade-level expectations

COMPARISON OF NEW JERSEY'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		% Change in Level 1 and Level 2	% Change in Level 4 and Level 5 (College and Career Ready)
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016		
Grade 3	15.1%	13.5%	17.8%	16.0%	23.7%	23.0%	38.6%	41.3%	4.9%	6.2%	↓ 3.4%	↑ 4.1%
Grade 4	7.8%	8.2%	14.5%	13.5%	26.6%	24.8%	39.4%	40.8%	11.7%	12.7%	↓ 0.6%	↑ 2.4%
Grade 5	7.2%	6.7%	15.1%	14.7%	26.1%	25.3%	45.1%	46.4%	6.4%	6.9%	↓ 0.9%	↑ 1.7%
Grade 6	7.9%	7.5%	15.5%	14.1%	27.8%	26.2%	39.7%	41.3%	9.1%	11.0%	↓ 1.9%	↑ 3.5%
Grade 7	10.8%	9.5%	14.5%	12.5%	23.1%	21.6%	33.9%	35.6%	17.7%	20.7%	↓ 3.3%	↑ 4.7%
Grade 8	11.5%	10.1%	14.6%	13.0%	22.3%	21.7%	39.1%	40.7%	12.5%	14.5%	↓ 3.0%	↑ 3.6%
Grade 9	17.6%	12.9%	19.0%	15.0%	23.6%	23.1%	30.3%	35.8%	9.5%	13.2%	↓ 8.7%	↑ 9.2%
Grade 10	25.3%	20.9%	17.7%	14.2%	20.3%	20.4%	25.6%	31.0%	11.0%	13.4%	↓ 7.8%	↑ 7.7%
Grade 11*	16.7%	18.5%	18.7%	18.1%	23.5%	23.3%	30.1%	31.7%	10.9%	8.4%	↑ 1.1%	↓ 0.9%

*Grade 11 does not include students who took an AP/IB test.

Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

COMPARISON OF NEW JERSEY'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		% Change in Level 1 and Level 2	% Change in Level 4 and Level 5 (College and Career Ready)
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016		
Grade 3	8.3%	8.1%	18.5%	15.9%	28.3%	24.3%	36.9%	39.0%	8.0%	12.7%	↓ 2.8%	↑ 6.8%
Grade 4	7.2%	8.0%	21.9%	18.6%	30.3%	26.8%	36.3%	41.2%	4.3%	5.4%	↓ 2.5%	↑ 5.9%
Grade 5	6.1%	6.2%	20.7%	18.3%	32.1%	28.2%	34.9%	38.4%	6.1%	8.8%	↓ 2.3%	↑ 6.2%
Grade 6	7.6%	8.9%	21.4%	19.1%	30.2%	29.1%	34.8%	35.6%	6.0%	7.3%	↓ 1.0%	↑ 2.2%
Grade 7	7.7%	9.0%	22.3%	20.1%	33.3%	32.3%	33.0%	33.5%	3.8%	5.2%	↓ 0.9%	↑ 1.9%
Grade 8*	21.9%	21.5%	26.2%	25.3%	28.4%	27.5%	23.0%	24.9%	0.5%	0.7%	↓ 1.3%	↑ 2.1%
Algebra I	13.8%	12.8%	25.3%	21.3%	25.0%	24.8%	32.9%	37.3%	3.1%	3.9%	↓ 5.0%	↑ 5.2%
Algebra II	31.7%	33.5%	24.5%	22.6%	19.9%	18.8%	22.3%	22.7%	1.6%	2.4%	↓ 0.1%	↑ 1.1%
Geometry	12.4%	10.5%	35.6%	31.1%	29.7%	31.4%	19.5%	23.2%	2.9%	3.8%	↓ 6.3%	↑ 4.6%

*Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

Notes: Data shown is preliminary. Percentages may not total 100 due to rounding.

COMPARISON OF NEW JERSEY STUDENTS TESTED
 SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
 MATHEMATICS

	Students Tested		Year to Year Increase
	2016	2015	
Grade 3	99,846	95,932	3,914
Grade 4	97,620	94,484	3,136
Grade 5	96,449	95,293	1,156
Grade 6	97,546	93,128	4,418
Grade 7	93,114	87,300	5,814
Grade 8*	60,768	58,078	2,690
Algebra I	106,118	91,740	14,378
Algebra II	74,643	58,026	16,617
Geometry	84,589	71,137	13,452
TOTAL	810,693	745,118	65,575

*Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment.

Notes: Data shown is preliminary. "Students Tested" represents individual valid test scores for Mathematics.

**COMPARISON OF NEW JERSEY STUDENTS TESTED
 SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
 ENGLISH LANGUAGE ARTS/LITERACY**

	Students Tested		Year to Year Increase
	2016	2015	
Grade 3	99,045	95,227	3,818
Grade 4	96,823	93,769	3,054
Grade 5	95,760	94,599	1,161
Grade 6	96,896	92,578	4,318
Grade 7	95,979	90,227	5,752
Grade 8	94,266	88,421	5,845
Grade 9	93,830	81,574	12,256
Grade 10	84,903	71,659	13,244
Grade 11*	68,862	61,768	7,094
TOTAL	826,364	769,822	56,542

*Grade 11 does not include students who took an AP/IB test.

Note: Data shown is preliminary. "Students Tested" represents individual valid test scores for English Language Arts/Literacy.

COMPARISON OF **MIDDLETOWN TOWNSHIP'S**
 SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
 ENGLISH LANGUAGE ARTS/LITERACY

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		Total % >= Level 4	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	MTPS 2016	NJ 2016
Grade 3	5%	5.2%	14%	11.8%	26%	25.6%	50%	49.9%	5%	7.5%	57.3%	47.5%
Grade 4	2%	2%	7%	7.7%	24%	23.9%	51%	51.6%	15%	14.8%	66.4%	53.5%
Grade 5	2%	2.8%	8%	7.9%	27%	24.5%	58%	58.3%	5%	6.5%	64.8%	53.3%
Grade 6	7%	4.5%	13%	11.6%	30%	29.7%	45%	46.7%	6%	7.5%	54.2%	52.3%
Grade 7	6%	8.7%	11%	11.8%	22%	22.4%	41%	40.2%	20%	16.9%	57.1%	56.3%
Grade 8	8%	7.4%	14%	12.2%	25%	21.2%	44%	43.8%	9%	15.4%	59.1%	55.2%
Grade 9	12%	9.1%	18%	11.6%	24%	24%	38%	42%	7%	13.3%	55.3%	49.0%
Grade 10	18%	19.9%	18%	14.9%	23%	24.6%	32%	30.1%	10%	10.5%	40.6%	44.4%
Grade 11*	12%	33.6%	19%	24.6%	30%	20.7%	35%	19.3%	4%	1.8%	21.1%	40.1%

*Grade 11 does not include students who took an AP/IB test.

Notes: Percentages may not total 100 due to rounding.

*Grade 11 score reports demonstrate that 49% of tested students earned zero percent of the points possible in the five scored areas of writing on the PARCC Assessment. This suggests that students may not have generated a scorable response for these portions of the ELA.

COMPARISON OF MIDDLETOWN TOWNSHIP'S SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		Total % >= Level 4	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	MTPS 2016	NJ 2016
Grade 3	2%	2.4 %	8%	8.3 %	29%	18.8 %	51%	51.4 %	9%	19.1 %	70.5%	51.7%
Grade 4	2%	1.5 %	11%	9.4 %	29%	26.2 %	51%	56.3 %	6%	6.6 %	62.9 %	46.6%
Grade 5	3%	1.8 %	10%	10 %	28%	25.3 %	49%	50.6 %	11%	12.3 %	62.9 %	47.2%
Grade 6	4%	3.8 %	16%	13 %	33%	32.2 %	43%	46.5 %	5%	4.5 %	51.0 %	42.9%
Grade 7	4%	5.5 %	12%	16.4 %	33%	33.4 %	45%	38 %	6%	6.6 %	44.6 %	38.7%
Grade 8*	14%	16.8 %	21%	19.9 %	33%	29.2 %	32%	33.5 %	0%	0.6 %	34.1 %	25.6%
Algebra I	11%	8.7 %	19%	17.9 %	23%	27.1 %	44%	42.7 %	3%	3.6 %	46.3 %	41.2%
Algebra II	9%	41.1 %	20%	18.6 %	26%	16.4 %	41%	23.3 %	1%	0.6 %	23.9 %	25.1%
Geometry*	7%	11.7 %	30%	30.5 %	34%	35.9 %	26%	19.9 %	2%	2.1 %	22.0 %	27.0%

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

Notes: Percentages may not total 100 due to rounding.

*Geometry score reports demonstrate that 44.4% of tested students earned zero percent of the points possible in the most comprehensive section of the PARCC Assessment for Geometry: *Modeling and Reasoning*. This suggests that many students may have not generated a scorable response for this portion of the Geometry assessment.

COMPARISON OF **MIDDLETOWN TOWNSHIP'S**
STUDENTS TESTED
SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY

	Students Tested	
	2016	2015
Grade 3	710	678
Grade 4	711	695
Grade 5	722	768
Grade 6	842	670
Grade 7	727	718
Grade 8	768	640
Grade 9	705	533
Grade 10	678	522
Grade 11*	565	248
TOTAL	6,428	5,472

*Grade 11 does not include students who took an AP/IB test.

Note: "Students Tested" represents individual valid test scores for English Language Arts/Literacy.

COMPARISON OF **MIDDLETOWN TOWNSHIP'S**
STUDENTS TESTED
SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS
MATHEMATICS

	Students Tested	
	2016	2015
Grade 3	712	679
Grade 4	711	693
Grade 5	723	769
Grade 6	845	670
Grade 7	724	720
Grade 8*	513	433
Algebra I	797	575
Algebra II	494	253
Geometry	669	501
TOTAL	6,188	5,293

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

Notes: "Students Tested" represents individual valid test scores for Mathematics.

COMPARISONS OF SPRING PARCC AND NAEP RESULTS GRADE 4 ELA/L AND MATH GRADE 8 ELA/L

2016 MTPS PARCC ELA/L Grade 4	66.4%
2015 MTPS PARCC ELA/L Grade 4	66.0%
2016 NJ PARCC ELA/L Grade 4	54%
2015 NJ PARCC ELA/L Grade 4	51%
2015 NAEP Reading Grade 4*	43%
2016 MTPS PARCC Math Grade 4	62.9%
2015 MTPS PARCC Math Grade 4	57.0%
2016 NJ PARCC Math Grade 4	47%
2015 NJ PARCC Math Grade 4	41%
2015 NAEP Math Grade 4*	47%
2016 MTPS PARCC ELA/L Grade 8	59.1%
2015 MTPS PARCC ELA/L Grade 8	53.0%
2016 NJ PARCC ELA/L Grade 8	55%
2015 NJ PARCC ELA/L Grade 8	52%
2015 NAEP Reading Grade 8*	41%

*Reflects National Average Scores

NAEP: National Assessment of Educational Progress: <https://nces.ed.gov/nationsreportcard/>

11th GRADE June, 2016 SAT PERFORMANCE

Middletown High School North-SAT June 2016, 11th Grade

School Mean Score	District Mean Score	State Mean Score	Total Group Mean Score
1072	1086	1060	1102

Middletown High School South-SAT June 2016, 11th Grade

School Mean Score	District Mean Score	State Mean Score	National Tested Mean Score
1100	1086	1060	1102

11th Grade June, 2016 SAT "Snap Shot"

Rectangular Snip

District
Met both benchmarks

54%

Mean Total Score = 1086

Evidence-based Reading and Writing Benchmark



Math Benchmark



195 Test Takers / 728 Enrolled ⓘ

27% Participation ⓘ

State
Met both benchmarks

47%

Mean Total Score = 1060

^
Less

Evidence-based Reading and Writing Benchmark



Math Benchmark



22,257 Test Takers / 97,603 Enrolled ⓘ

23% Participation ⓘ

Total Group
Met both benchmarks

55%

Mean Total Score = 1102

Evidence-based Reading and Writing Benchmark



Math Benchmark



369,465 Test Takers / 3,544,001 Enrolled ⓘ

10% Participation ⓘ

IMPORTANT APPLICATIONS OF PARCC DATA

- Examine current programs and curricula to determine where strengths and weaknesses may exist based on trends in the data.
 - possible gaps in content coverage
 - evaluate rigor of our learning opportunities
 - evaluate rigor of our assessment practices
- Allows for teacher self-reflection of current practices based on trends in classroom/content level data.
- Identify and plan for remediation of deficits in students' growth toward meeting grade level expectations in ELA/Math
- Aids in the differentiation of instruction, as information from PARCC can be used as a data point for tiering and grouping students for strategy group instruction.
- Personalize learning for individual students, as they collaborate with teachers to set goals based on collective assessment/performance data (including PARCC as a data component).

RESOURCES FOR PARENTS

- Information on the new 2015-16 PARCC Student Reports: www.state.nj.us/education/assessment/parcc/scores/
- Understanding the student score reports (with translations): understandthescore.org/

