

PARCC Results:
Spring 2018
Administrations

Tinton Falls School District
October 15, 2018

Measuring
College and
Career
Readiness

Standardized Testing and Assessments

All New Jersey public school districts are required to administer achievement tests developed by the New Jersey Department of Education. New Jersey students in Grades 3 to 11 will be tested in Literacy and in Mathematics through the Partnership for Assessment of Readiness for College and Career (PARCC). Literacy and Math assessments are used to measure the success of our schools on the standards set by the Federal “Every Student Succeeds Act” (ESSA)

PARCC IS AN ASSESSMENT OF...

- NJ Student Learning Standards (NJSLS) formerly known as the Common Core State Standards (CCSS).
- Prior to PARCC, NJ standards were measured by the NJ ASK assessment.
- PARCC assesses the NJSLS in a rigorous manner utilizing technology.

PARCC PERFORMANCE LEVELS

(NJ Considers Levels 4 and 5 To Be Passing)

Performance Levels outline the knowledge, skills, and practices that students performing at a given level should demonstrate in each content area at each grade level

- 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**

ELA AND MATHEMATICS ASSESSMENTS

ELA:

- Reading Comprehension and Writing

MATH:

- Conceptual understanding of the major content and additional and supporting content of the NJSLS
- Demonstrate mathematical fluency

Tinton Falls' 2018 PARCC ELA Outcomes

Grade Comparison of Levels 4 & 5 with State 4 & 5

Reported as Percentages

	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4 & 5	STATE 4 & 5
Grade 3	6	8	23	50	13	63	52
Grade 4	3	7	14	45	29	74	58
Grade 5	3	10	23	55	9	64	58
Grade 6	3	10	21	41	25	66	56
Grade 7	5	9	11	20	55	75	63
Grade 8	1	4	14	44	36	80	60

Tinton Falls' 2018 PARCC Math Outcomes

Grade Comparison of Levels 4 & 5 with State 4 & 5

Reported as Percentages

	Level 1	Level 2	Level 3	Level 4	Level 5	Levels 4 & 5	STATE 4 & 5
Grade 3	6	5	18	46	26	72	53
Grade 4	3	10	26	50	11	61	49
Grade 5	5	9	28	45	12	67	49
Grade 6	3	19	34	39	1	40	43
Grade 7	5	14	30	40	9	49	43
Grade 8	10	18	38	39	0	39	28
Algebra 1	0	0	6	79	15	84	46

Comparison of **Tinton Falls School District's** 2018 ELA Performance with State by Grade

Reported as Percentages

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
3	6	13.5	8	13.5	23	21.4	49	43.5	13	8.1
4	3	7.6	7	12.3	14	22.1	45	39.1	29	18.9
5	3	6.9	10	12.6	23	22.4	55	47.2	9	10.8
6	3	6.2	10	13.6	21	24.0	41	41.3	25	14.9
7	5	8.6	9	10.2	11	18.5	20	34.1	55	28.6
8	1	8.7	4	11.1	14	19.8	44	39.9	36	20.4
9		11.7		12.4		21.2		38.4		16.3
10		17.2		12.6		19.2		32.5		18.5
11*		22.2		16.5		22.4		29.7		9.2

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

Notes: Percentages may not total 100 due to rounding.

Comparison of **Tinton Falls School District's** 2018 MATH Performance with State by Grade

Reported as Percentages

Grade	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State	Level 5, District	Level 5, State
3	6	8.0	5	15.3	18	23.7	46	37.8	26	15.2
4	3	7.5	10	16.8	26	26.3	50	41.8	11	7.6
5	5	7.5	9	17.0	28	26.7	45	38.5	12	10.4
6	3	8.5	19	20.1	34	27.9	39	35.6	1	7.9
7	5	7.7	14	20.4	30	28.6	40	36.0	9	7.4
8*	10	22.0	18	22.7	38	27.1	39	27.2	0	1.0
Algebra I		11.3		18.6	6	24.3	79	39.3	15	6.5
Algebra II		31.0		22.4		18.0		24.6		4.0
Geometry		9.4		31.5		29.6		24.6		4.9

*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.

Same Student Comparison Reported in Percentages

2017 vs 2018 Comparison

Grade 3 to Grade 4 ELA

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-5.4	-1.7	-0.9	8
SCHOOL	-3.5	-2.9	-5.8	13.2

Grade 3 to Grade 4 MATH

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-0.5	1.8	1.3	-3.6
SCHOOL	-1.4	-2.3	3.8	-0.1

Same Student Comparison Reported in

Percentages 2017 vs 2018 Comparison

Grade 4 to Grade 5 ELA

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-1.1	-0.4	-1.6	2
SCHOOL	-2.1	-2.2	-3.5	8.7

Grade 4 to Grade 5 MATH

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-0.5	-1	-0.3	0.8
SCHOOL	-3.8	-5.8	1.6	7

Same Student Comparison Reported in Percentages

2017 vs 2018 Comparison

Grade 5 to Grade 6 ELA

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-1.2	1.6	2	-2.8
SCHOOL	-0.4	5.3	-6.4	2.5

Grade 5 to Grade 6 MATH

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	2.5	2.1	-2.1	-2.5
SCHOOL	0.2	12.7	5.2	-17.1

Same Student Comparison

2017 vs 2018 Comparison

Grade 6 to Grade 7 ELA

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	2.6	-4.8	-7.5	9.7
SCHOOL	2.2	2.1	-10	5.7

Grade 6 to Grade 7 MATH

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-2.3	1.3	0.6	-0.6
SCHOOL	-0.4	-2.5	-2.7	4.7

Same Student Comparison

2017 vs 2018 Comparison

Grade 7 to Grade 8 ELA

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	-0.3	0.1	-0.2	1.4
SCHOOL	0.3	0.9	1.4	-2.6

Grade 7 to Grade 8 MATH

	Level 1 - Did Not Yet Meet	Level 2 - Partially Met	Level 3 - Approached	Level 4 - Met & Level 5 - Exceeded
STATE	14	2.7	-3.9	-11.8
SCHOOL	5.3	1.6	1.1	-8

Comparison of **Tinton Falls School District's**
 Number of Students Tested
 Spring 2017 & Spring 2018 PARCC Administrations
English Language Arts/Literacy

Grade	Students Tested 2018	Students Tested 2017	Difference between number of students tested in 2017 and 2018
3	157	163	6
4	155	170	15
5	173	172	1
6	155	149	6
7	154	158	4
8	153	171	18
9			
10			
11*			
TOTAL			

*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 **Tinton Falls School District's** Number of Students Tested Spring 2017 & Spring 2018 PARCC Administrations Mathematics

Grade	Students Tested 2018	Students Tested 2017	Difference between number of students tested in 2017 and 2018
3	157	161	4
4	155	171	16
5	174	172	2
6	155	151	4
7	152	158	6
8*	108	124	16
Algebra I	48	47	1
Algebra II			
Geometry			
TOTAL			

*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.

Comparison of Tinton Falls Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations English Language Arts/Literacy - Percentages

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
3	7	5	6	12	12	8	29	27	23	46	48	49	6	8	13	-5	+3
4	6	5	5	13	12	7	31	27	14	41	48	45	9	8	30	3	+25
5	6	4	3	8	5	10	24	27	23	55	52	55	6	12	10	-1	+4
6	2	3	3	8	7	10	12	21	21	55	40	41	24	29	26	3	-12
7	9	1	5	6	3	9	13	13	11	31	32	20	42	51	55	-1	+2
8	3	4	1	5	5	4	16	10	14	48	45	44	28	37	37	-3	+5
9																	
10																	
11*																	

*Grade 11 does not include students who took an AP/IB test. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

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

Comparison of **Tinton Falls School District's** Spring 2016, Spring 2017 & Spring 2018 PARCC Administrations **Mathematics - Percentages**

Grade	Level 1 2016	Level 1 2017	Level 1 2018	Level 2 2016	Level 2 2017	Level 2 2018	Level 3 2016	Level 3 2017	Level 3 2018	Level 4 2016	Level 4 2017	Level 4 2018	Level 5 2016	Level 5 2017	Level 5 2018	Change in Level 1 and 2 2016 to 2018	Change in Level 4 and 5 2016 to 2018**
3	4	4	6	14	12	5	27	22	18	42	42	45	13	20	26	-7	+16
4	6	9	3	13	15	10	31	26	26	41	45	50	9	6	12	-6	+12
5	3	3	5	12	6	9	31	29	28	43	52	45	11	9	13	-1	+4
6	5	5	3	11	17	19	29	33	34	46	35	39	10	11	5	+6	-12
7	8	4	5	11	16	15	28	35	30	47	41	41	5	4	10	+1	-1
8*	6	15	9	15	18	18	33	27	36	45	40	37	1	2	0	+6	-9
ALG I	0	0	0	0	0	0	2	2	6	93	87	79	5	11	15	0	-4
GEO																	
ALG II																	

*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. **Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

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

ALG I is Algebra 1; GEO is Geometry; ALG II is Algebra 2.

Comparison of **Tinton Falls School District's** 2016 to 2018 Spring PARCC Administrations English Language Arts/Literacy – Percentage Changes

Grade	Levels 1 & 2 District Trend	Levels 1 & 2 District	Levels 1 & 2 State Trend	Levels 1 & 2 State	Level 3 District Trend	Level 3 District	Level 3 State Trend	Level 3 State	Levels 4 & 5 District Trend	Levels 4 & 5 District	Levels 4 & 5 State Trend	Levels 4 & 5 State
3	-	5	-	2.4%	-	5	-	1.6%	+	3	+	4.1%
4	+	3	-	1.8%	-	17	-	2.7%	+	25	+	4.5%
5	-	1	-	1.9%	-	1	-	2.9%	+	4	+	4.7%
6	+	3	-	1.7%	+	9	-	2.2%	-	12	+	3.9%
7	-	1	-	3.3%	-	2	-	3.1%	+	2	+	6.3%
8	-	3	-	3.3%	-	2	-	1.9%	+	5	+	5.2%
9			-	3.9%			-	1.9%			+	5.7%
10			-	5.3%			-	1.2%			+	6.6%
11*			+	2.0%			-	0.9%			-	1.1%

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

Notes: Percentages may not total 100 due to rounding.

- The plus sign (+) indicates an increase of the % change from the previous year where a minus sign (-) arrow shows a decrease of the % change from the previous year.

Comparison of Tinton Falls School District's 2016 to 2018 Spring PARCC Administrations Mathematics – Percentage Changes

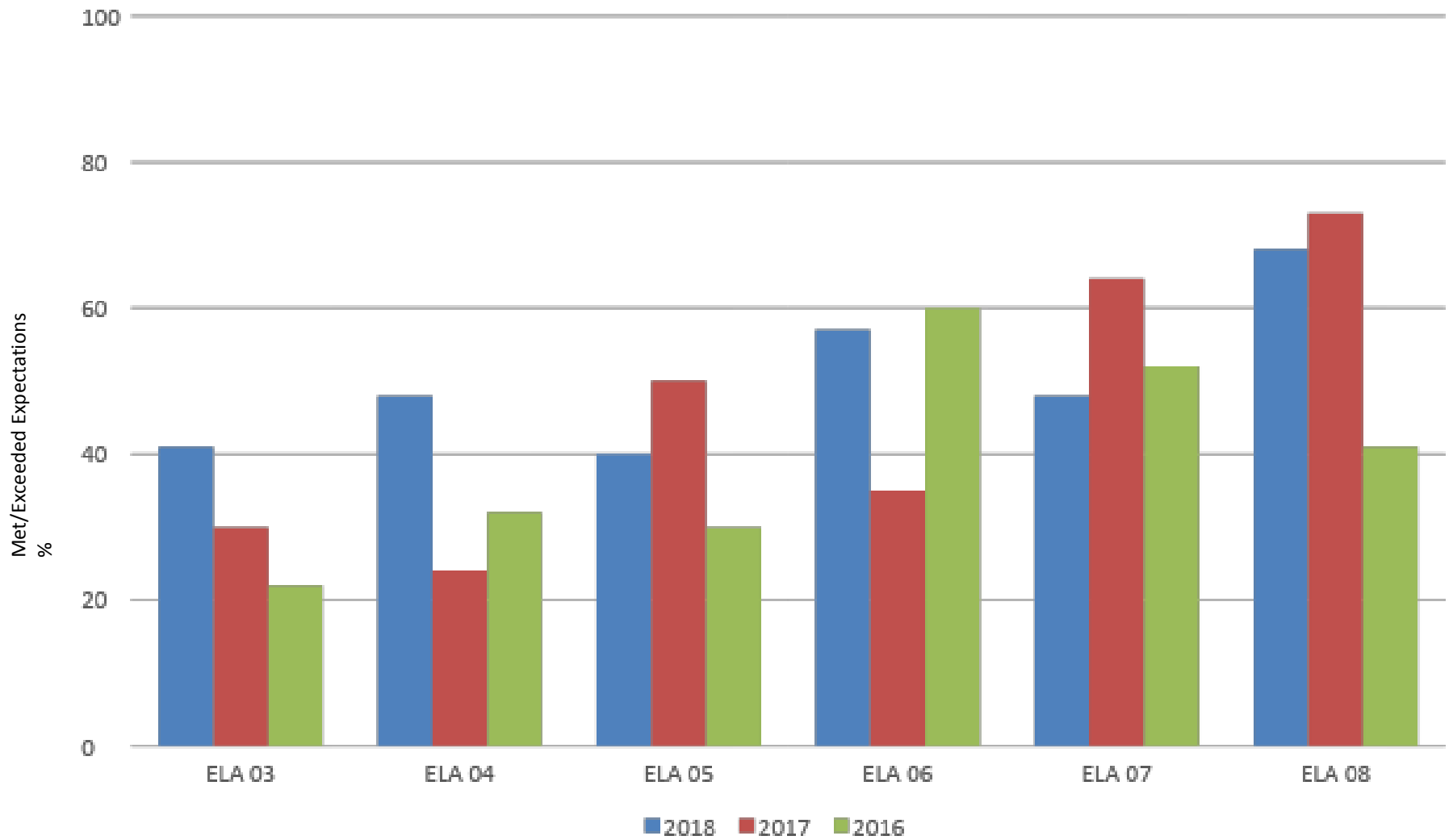
Grade	Levels 1 & 2 District Trend	Levels 1 & 2 District	Levels 1 & 2 State Trend	Levels 1 & 2 State	Level 3 District Trend	Level 3 District	Level 3 State Trend	Level 3 State	Levels 4 & 5 District Trend	Levels 4 & 5 District	Levels 4 & 5 State Trend	Levels 4 & 5 State
3	-	7	-	0.7%	-	9	-	0.6%	+	16	+	1.3%
4	-	6	-	2.2%	-	5	-	0.5%	+	12	+	2.8%
5	-	1	-	0.2%	-	3	-	1.5%	+	4	+	1.6%
6	+	6	+	0.6%	+	5	-	1.2%	-	12	+	0.5%
7	+	1	-	1.1%	+	2	-	3.7%	-	1	+	4.7%
8	+	6	-	2.1%	+	3	-	0.4%	-	9	+	2.6%
Algebra I*		0	-	4.1%	+	4	-	0.5%	-	4	+	4.6%
Algebra II			-	2.8%			-	0.8%			+	3.6%
Geometry			-	0.7%			-	1.8%			+	2.5%

*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.

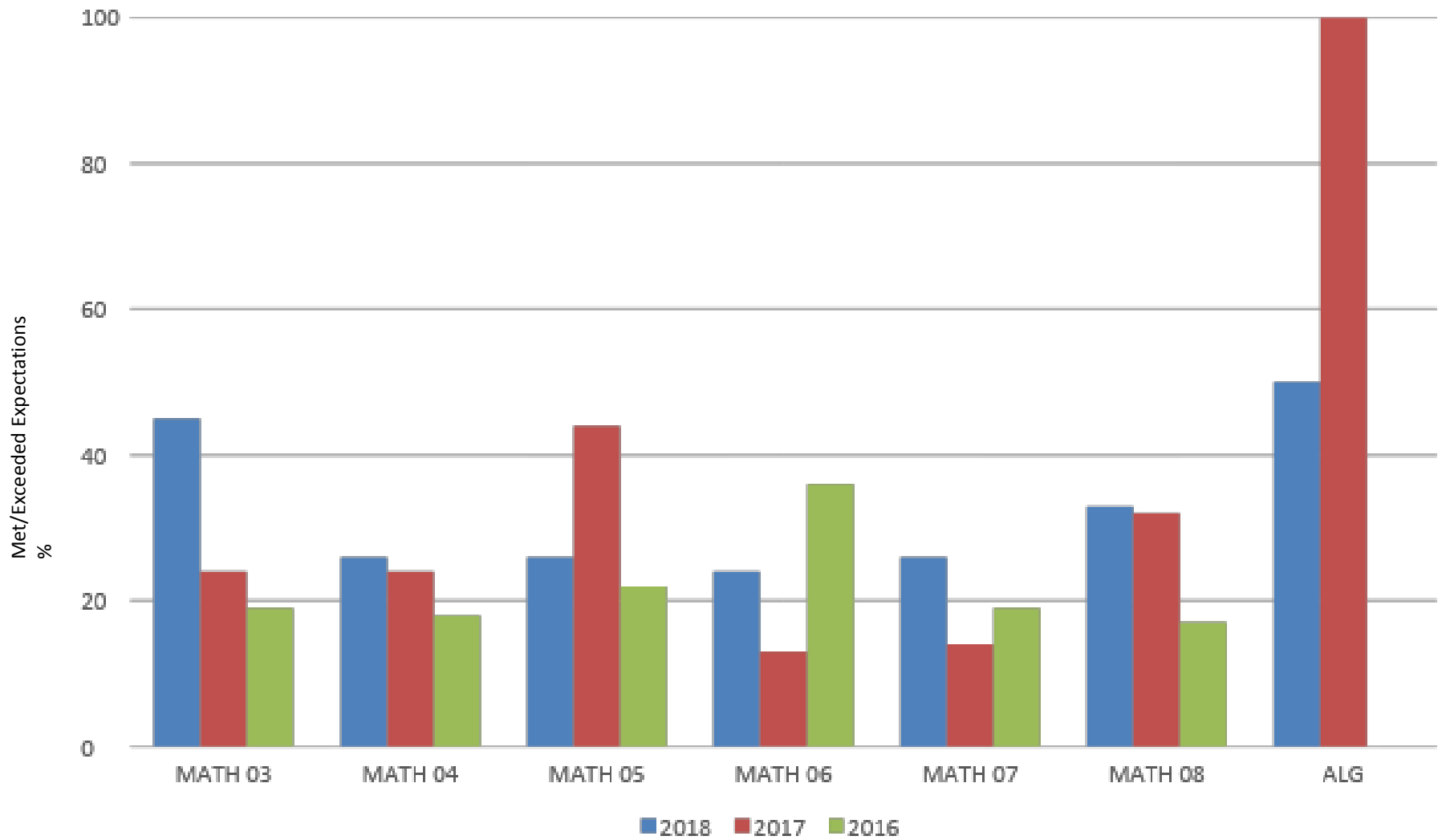
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Performance of Economically Disadvantaged Subgroup over 3 years ELA

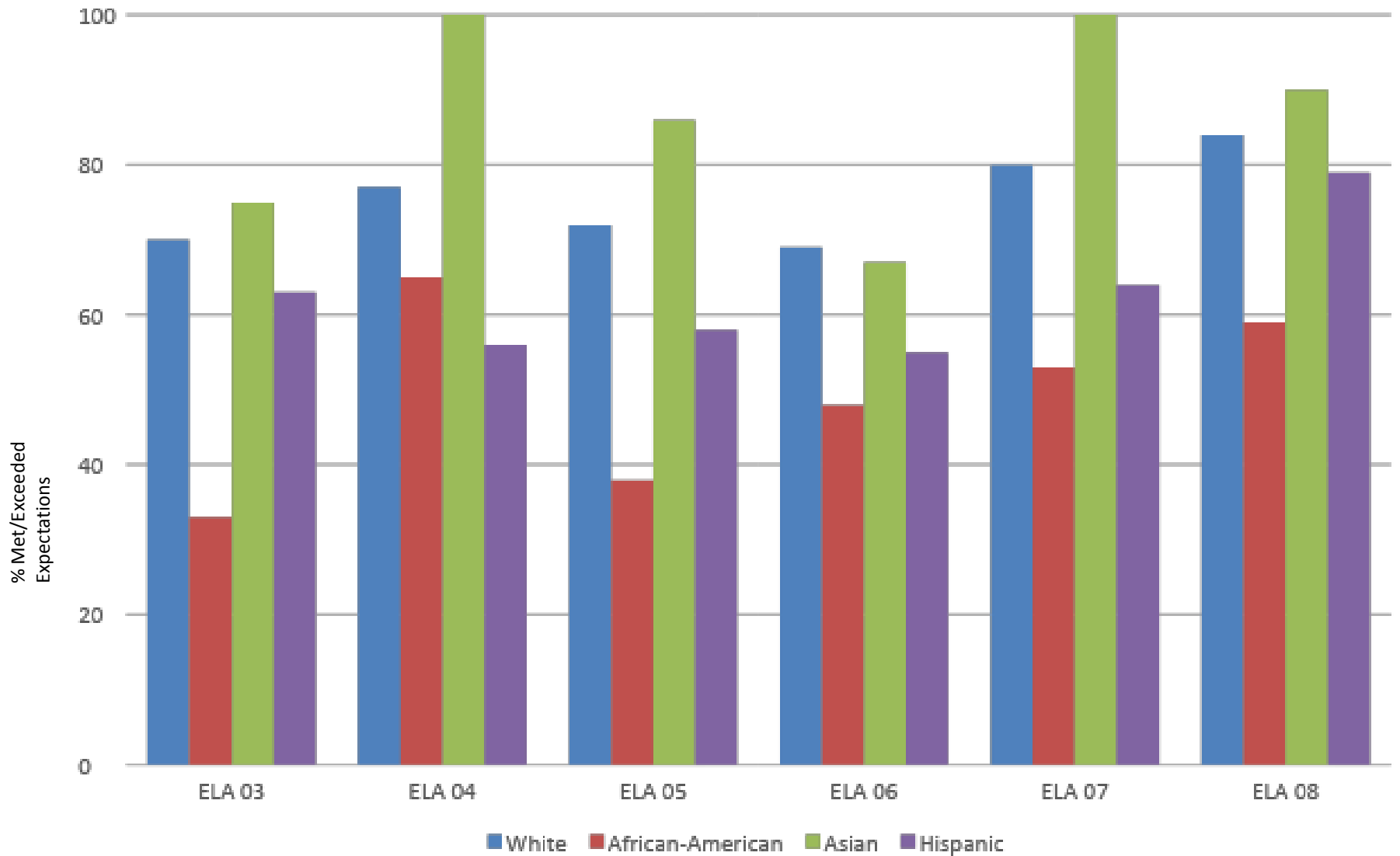


Performance of Economically Disadvantaged Subgroup over 3 years

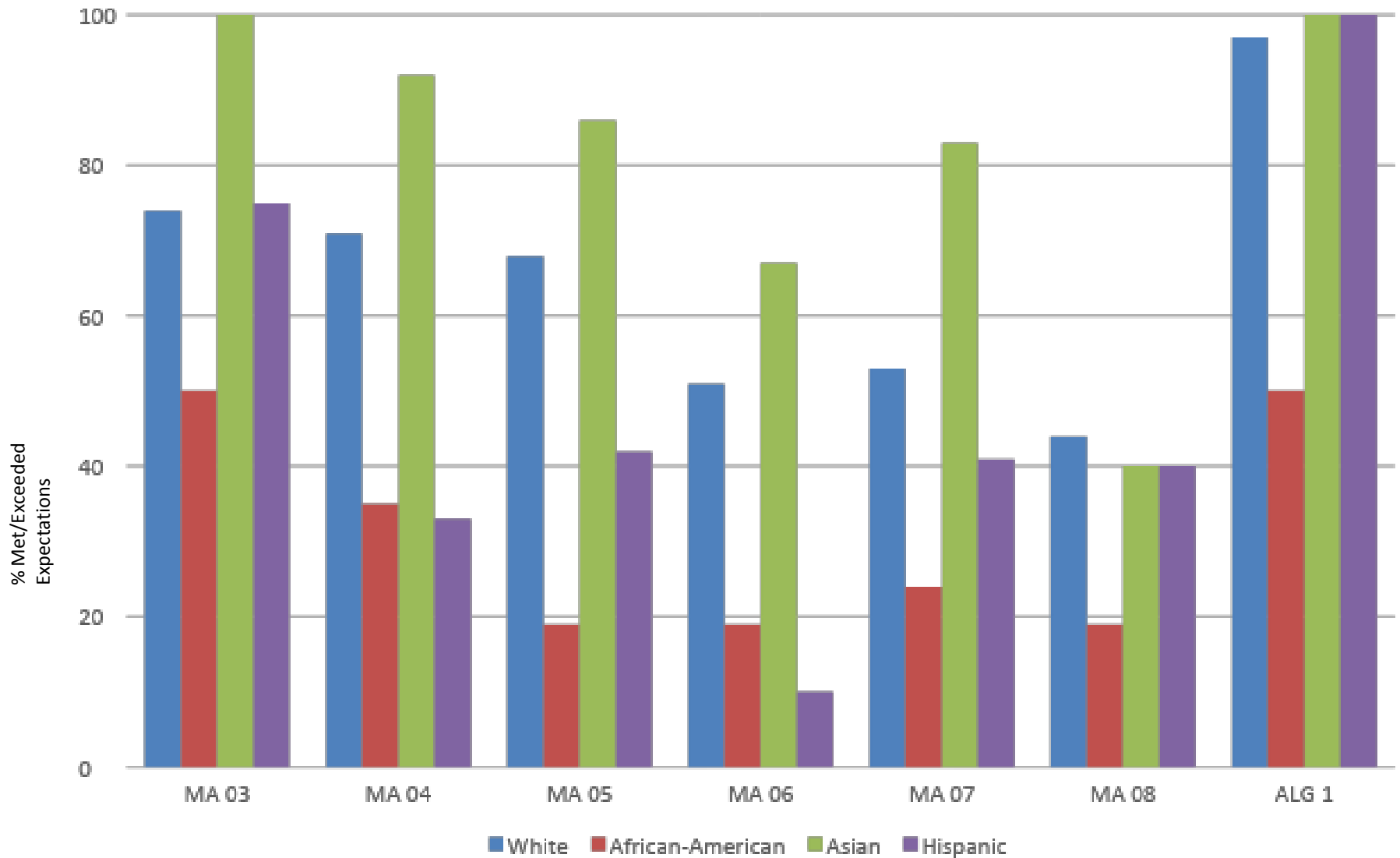
MATH



Performance of Subgroup Race in ELA PARCC Spring 2018



Performance of Subgroup Race in **Mathematics** PARCC Spring 2018



District Action Steps

Assess Reflect Teach

- Evidence Statement Analysis, Content Standards Trends, Student Level Analysis by Administration in August
- Grade Level Analysis of Trends, Standards, and Student Scores
- Instructional Strategies
 - Utilize digital tools aligned to standards ie. IXL, Achieve 3000, and IREADY to progress monitor individual student growth
 - Implementation of Project-Based Learning at middle school level
- Assessment Strategies
 - Performance based assessments
 - Regularly scheduled common assessments
- Articulation
 - Horizontal and vertical articulation (meet with the common grade level and also grades above and below)