

NJSLA Results: Spring 2019 Administrations

Moonachie School District
October 15, 2019

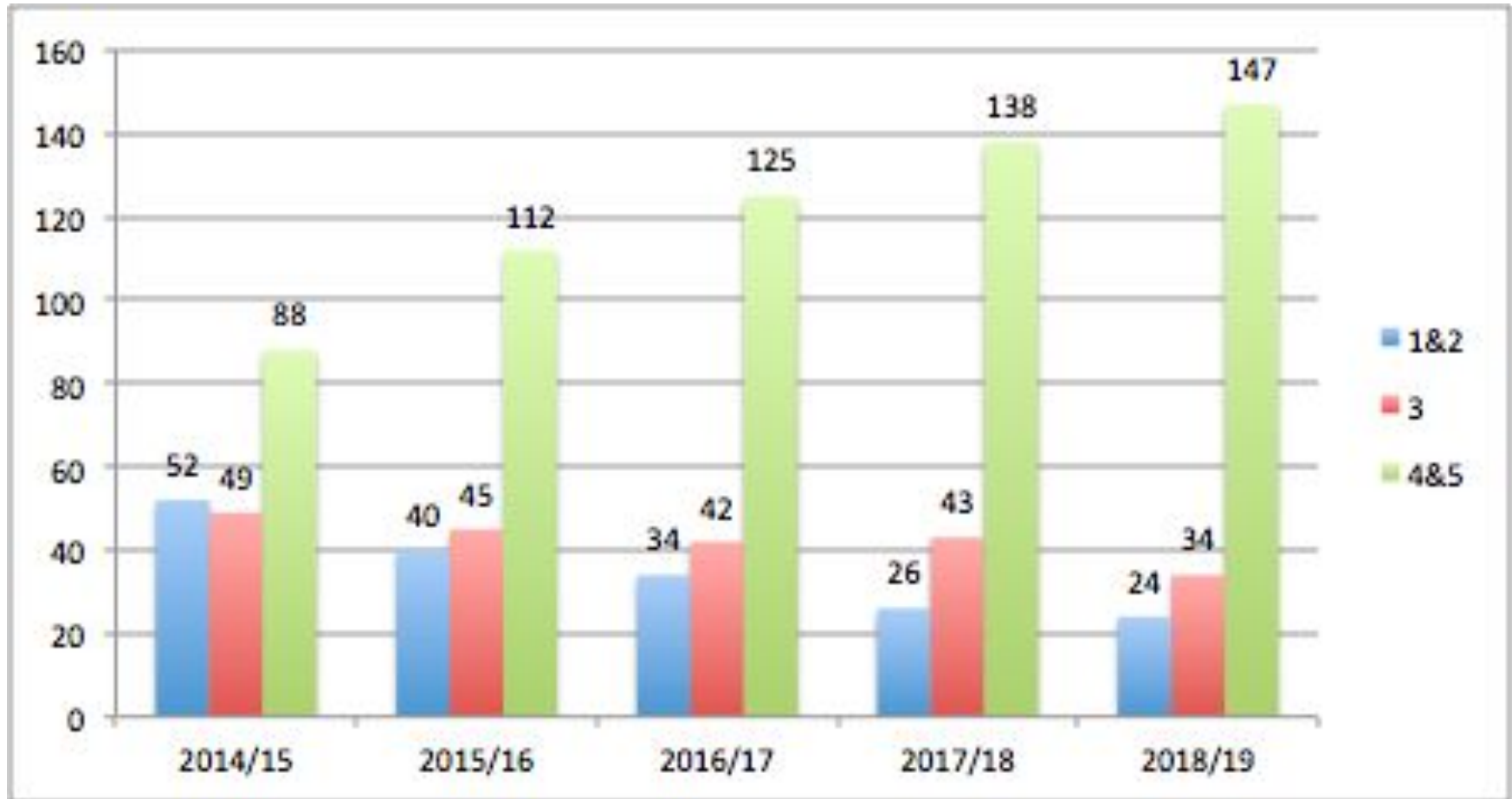
Presentation by: Mr. James S. Knipper, Director of Curriculum & Instruction

**Measuring
College and
Career
Readiness**

2019 NJSLA Highlights - ELA - 74.6%

- Growth in EVERY Demographic from Last Year!!
- Outpaced the STATE in EVERY Grade Level!!
- 7-2 → 100% Proficient & Advanced (12 of 16 received a '5')!
- Middle School → 88/109 (81%) Proficient & Advanced!

5-Year ELA Comparison Presented By Performance Level on NJSLA



Difference 1 & 2 (2015 vs 2019): - 28 Students
Difference 4 & 5 (2015 vs. 2019): + 59 Students

**Numbers above columns are the number of students

Comparison of Moonachie School District's Spring 2015, Spring 2016, Spring 2017, Spring 2018, Spring 2019 NJLSA Administrations English Language Arts/Literacy - Percentages

Gr	Level 1					Level 2					Level 3					Level 4					Level 5				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
3	19%	15%	17%	17%	22%	6%	18%	14%	10%	4%	32%	21%	21%	34%	15%	42%	47%	45%	30%	44%	0%	0%	3%	10%	15%
4	10%	6%	11%	7%	7%	17%	9%	6%	10%	3%	30%	13%	17%	20%	23%	37%	50%	58%	37%	48%	7%	22%	8%	27%	20%
5	12%	7%	6%	8%	13%	9%	10%	3%	3%	3%	24%	20%	18%	16%	10%	53%	53%	55%	70%	63%	3%	10%	18%	3%	10%
6	15%	3%	0%	3%	3%	24%	6%	15%	6%	10%	24%	19%	21%	24%	15%	38%	53%	48%	44%	57%	0%	19%	15%	24%	15%
7	23%	3%	11%	0%	3%	15%	24%	3%	3%	3%	31%	35%	14%	14%	3%	27%	27%	56%	43%	42%	4%	11%	17%	41%	49%
8	6%	11%	9%	5%	0%	12%	11%	9%	8%	5%	18%	29%	35%	21%	11%	53%	46%	35%	49%	42%	12%	4%	12%	18%	42%

Percentage of Students Meeting (4) or Exceeding (5) Expectations As A District	2015	2016	2017	2018	2019
		46%	57%	62%	67%

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

Comparison of Moonachie School District's 2017 to 2019 Spring NJSLA 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%	+	1.3%	-	6%	-	1.1%	+	11%	-	0.1%
4	-	7%	+	0.7%	+	6%	-	2.3%	+	2%	+	1.5%
5	+	7%	+	0.9%	-	8%	+	0.1%		0%	-	1.1%
6	-	2%	-	1.1%	-	6%	-	1.7%	+	9%	+	2.8%
7	-	8%	-	1.0%	-	11%	-	2.7%	+	18%	+	3.6%
8	-	13%	-	1.2%	-	24%	-	2.6%	+	37%	+	3.7%

*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 **Moonachie School District's**
 Number of Students Tested
 Spring 2018 & Spring 2019 NJSLA Administrations
English Language Arts/Literacy

Grade	Students Tested 2018	Students Tested 2019	Difference between number of students tested in 2017 and 2018
3	30	27	-3
4	30	31	+1
5	37	30	-7
6	34	39	+5
7	37	31	-6
8	39	38	-1
TOTAL	207	196	-11

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

Comparison of Moonachie School District's Spring 2019 NJSLA Administrations English Language Arts/Literacy to New Jersey Percentages for 2019

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	22.2	14.0	3.7	14.4	14.8	21.4	44.4	42.8	14.8	7.4
4	6.5	8.6	3.2	12.6	22.6	21.4	48.4	39.1	19.4	18.3
5	13.3	7.4	3.3	12.5	10.0	22.2	63.3	45.6	10.0	12.3
6	2.6	7.3	10.3	12.6	15.4	23.9	56.4	40.9	15.4	15.2
7	3.2	8.9	3.2	10.5	3.2	17.8	41.9	33.1	48.4	29.7
8	0	9.2	5.3	10.3	10.5	17.7	42.1	38.0	42.1	24.9

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

Notes: Percentages may not total 100 due to rounding.

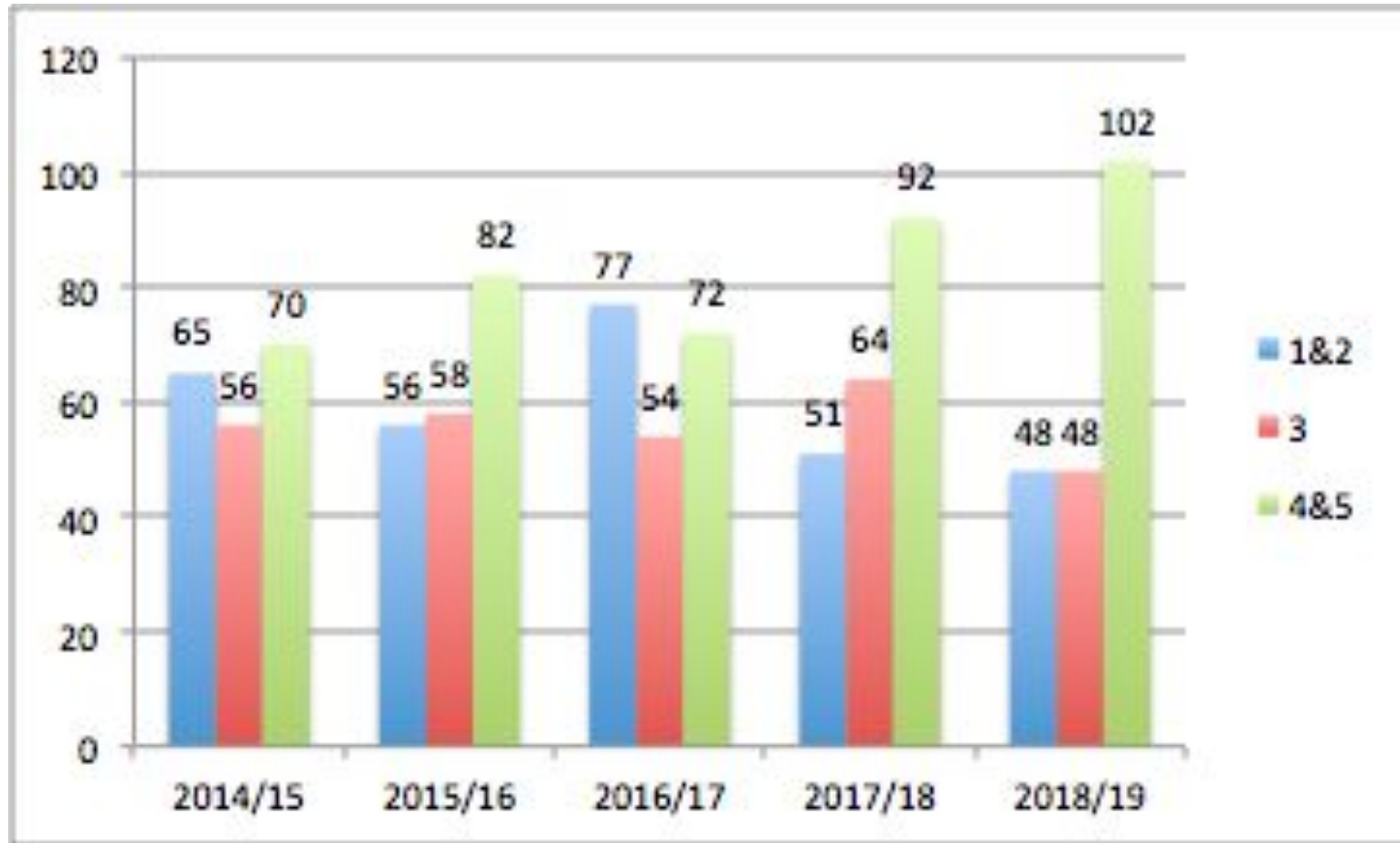
Comparison of **Moonachie School District's**
 Spring 2019 NJSLA Administrations
 English Language Arts/Literacy to New Jersey
 Percentages for 2019

Grade Level	4 & 5 District	4 & 5 STATE
3	59.3%	50.3%
4	67.7%	57.4%
5	73.3%	57.9%
6	71.8%	56.2%
7	90.3%	62.8%
8	84.2%	62.8%

2019 NJSLA Highlights - Math - 51.2%

- Growth in EVERY Demographic from Last Year!!
- Outpaced the STATE in EVERY Category, except for one.
- Algebra Students - 26% in 2018 → 71% in 2019!!!
- Coming in Stronger from PK-2!!! → 66.6% in 3rd Grade

5- Year Math Comparison Presented By Performance Level on NJSLA



Difference 1 & 2 (2015 vs 2019): - 17 Students
Difference 4 & 5 (2015 vs. 2019): + 32 Students

**Numbers above columns are the number of students

Comparison of Moonachie School District's Spring 2015, Spring 2016, Spring 2017, Spring 2018, & Spring 2019 NJSLA Administrations Mathematics - Percentages

Gr	Level 1					Level 2					Level 3					Level 4					Level 5				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
3	3%	9%	19%	10%	15%	28%	24%	16%	17%	4%	22%	12%	29%	20%	15%	38%	38%	26%	37%	41%	9%	18%	10%	17%	26%
4	3%	3%	8%	17%	7%	30%	22%	11%	10%	7%	17%	22%	22%	17%	26%	40%	44%	58%	50%	52%	10%	9%	0%	7%	10%
5	6%	7%	12%	3%	10%	15%	13%	18%	16%	17%	35%	33%	18%	19%	20%	41%	37%	39%	49%	37%	3%	10%	12%	14%	17%
6	3%	0%	12%	6%	3%	35%	19%	36%	15%	15%	41%	39%	21%	41%	35%	21%	39%	27%	27%	33%	0%	3%	3%	12%	15%
7	15%	8%	14%	3%	3%	33%	42%	22%	14%	26%	33%	31%	47%	41%	16%	19%	17%	14%	35%	42%	0%	3%	3%	8%	13%
8	17%	16%	38%	35%	14%	35%	11%	33%	30%	45%	22%	58%	19%	25%	37%	26%	16%	10%	10%	5%	0%	0%	0%	0%	0%
ALG I	0%	0%	8%	5%	0%	0%	11%	31%	5%	12%	36%	11%	23%	63%	18%	64%	77%	38%	26%	59%	0%	0%	0%	0%	12%

Percentage of Students Meeting (4) or Exceeding (5) Expectations As A District	2015	2016	2017	2018	2019
		36%	42%	36%	45%

Comparison of Moonachie School District's 2017 to 2019 Spring NJSLA 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	-	16%	-	0.5%	-	14%	-	2.1%	+	31%	+	2.6%
4	-	5%	-	2.3%	+	4%	-	1.4%	+	4%	+	3.7%
5	-	3%	+	3.2%	+	2%	-	3.8%	+	3%	+	0.6%
6	-	30%	+	3.4%	+	14%	-	0.3%	+	18%	-	3.1%
7	-	7%	+	0.7%	-	31%	-	3.7%	+	38%	+	1.6%
8	-	12%	+	2.1%	+	18%	-	0.4%	-	5%	+	2.6%
Algebra I*	-	27%	+	2.0%	-	5%	-	3.0%	+	33%	+	1.0%

*Some students in grade 8 participated in the Algebra I assessment in place of the 8th grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole. *** NJSLA 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

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 (-) shows a decrease of the % change from the previous year.

Comparison of **Moonachie School District's** Number of Students Tested Spring 2018 & Spring 2019 NJSLA Administrations Mathematics

Grade	Students Tested 2018	Students Tested 2019	Difference between number of students tested in 2017 and 2018
3	30	27	-3
4	30	31	+1
5	37	30	-7
6	34	40	+6
7	37	31	-6
8*	20	22	+2
Algebra I	19	17	-2
TOTAL	207	198	-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: "Students Tested" represents individual valid test scores for Mathematics.

Comparison of **Moonachie School District's** Spring 2019 NJLSA Administrations Mathematics to New Jersey - Percentages for 2019

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	14.8	8.0	3.7	13.9	14.8	23.0	40.7	41.2	25.9	13.9
4	6.5	8.6	6.5	14.7	25.8	25.7	51.6	43.3	9.7	7.7
5	10.0	6.4	16.7	20.9	20.0	25.8	36.7	35.8	16.7	11.0
6	2.5	9.6	15.0	22.5	35.0	27.4	32.5	33.1	15.0	7.5
7	3.2	7.6	25.8	21.1	16.1	29.3	41.9	33.8	12.9	8.3
8*	13.6	23.3	45.5	23.1	36.4	24.3	4.5	28.2	0.0	1.1
Algebra I	0.0	9.3	11.8	26.0	17.6	21.4	58.8	37.7	11.8	5.6

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

** NJLSA 2018-2019 assessments were optional for 11th Grade students, state results do not include Grade 11 results.

Notes: Percentages may not total 100 due to rounding.

Comparison of **Moonachie School District's**
Spring 2019 NJSLA Administrations
Mathematics to New Jersey
Percentages for 2019

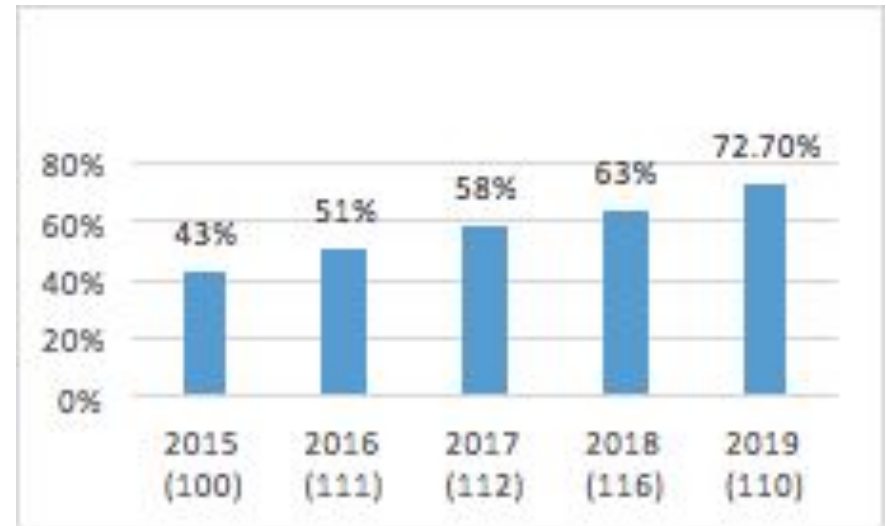
Grade Level	4 & 5 DISTRICT	4 & 5 STATE
3	66.7%	55.1%
4	61.3%	51%
5	53.3%	46.8%
6	47.5%	40.5%
7	54.8%	42.1%
8	4.5%	29.3%
ALG	70.6%	42.9%

Subgroups ELA - Ethnicity

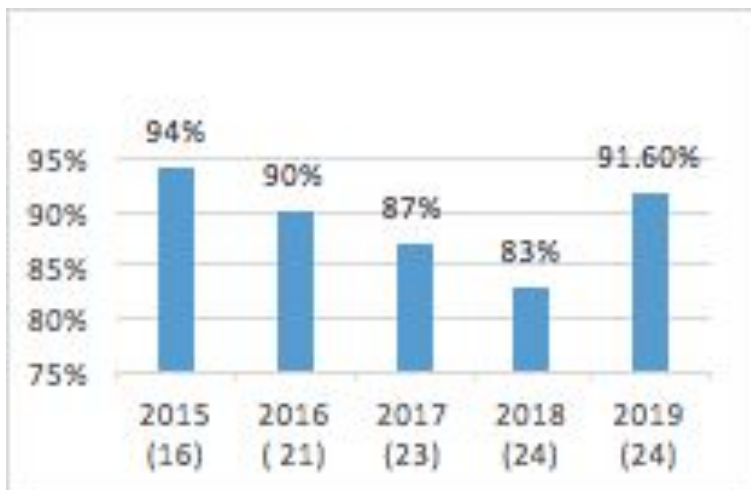
Caucasian



Hispanic



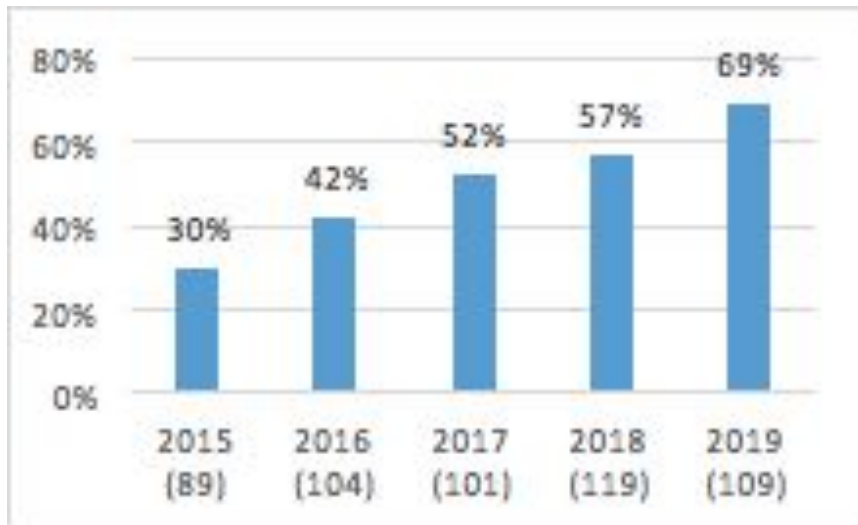
Asian



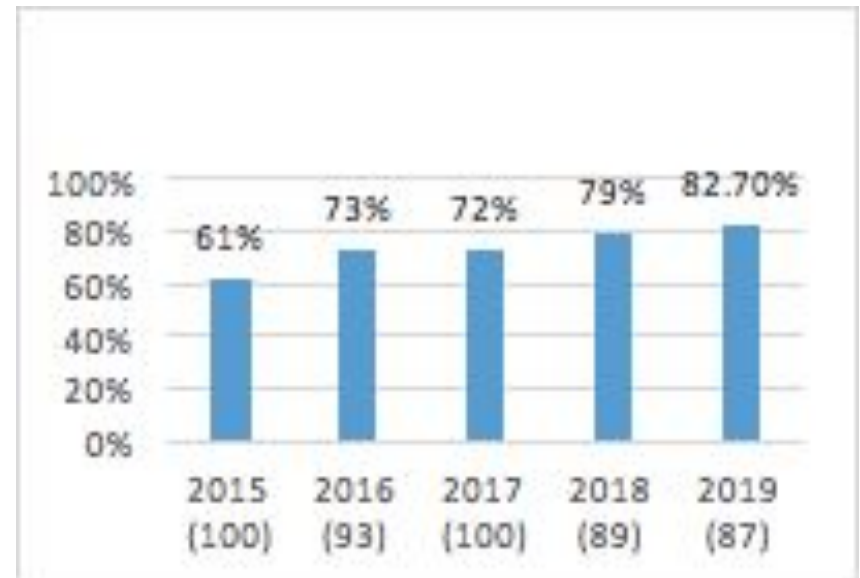
**Parenthesis on graphs indicate total number of students tested.

Subgroups ELA - Economic Disadvantaged

Economic Disadvantage - Yes



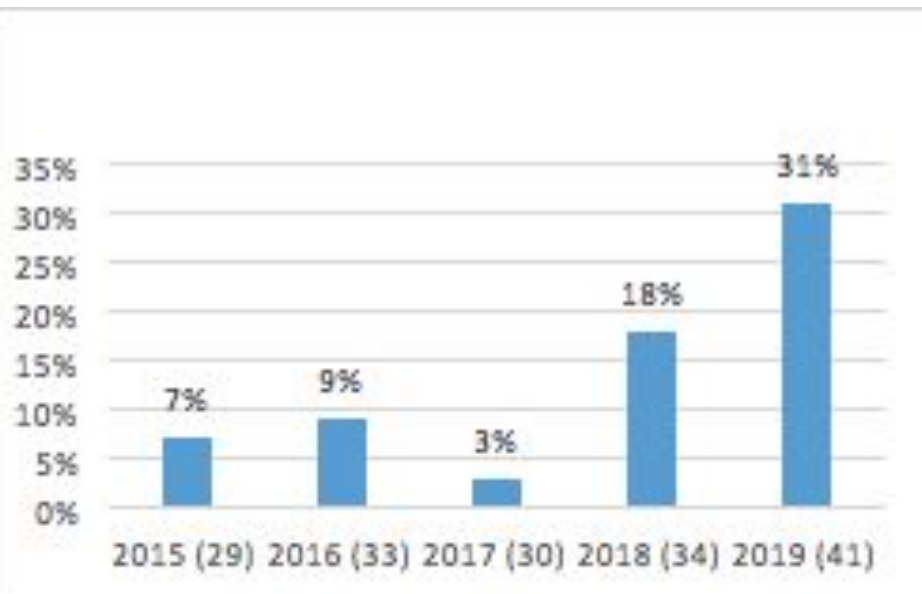
Economic Disadvantage - No



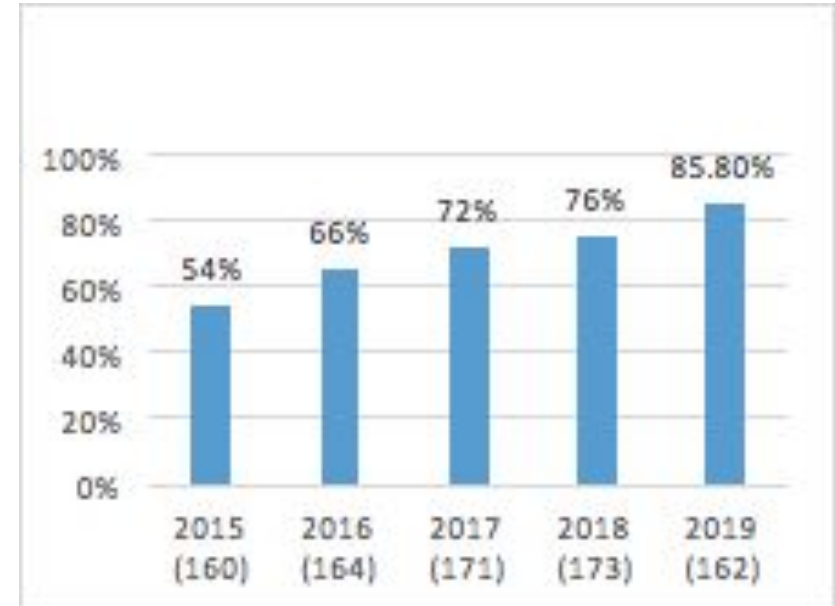
**Parenthesis on graphs indicate total number of students tested.

Subgroups ELA - Students With Disabilities

Students With Disabilities - Yes (IEP & 504)



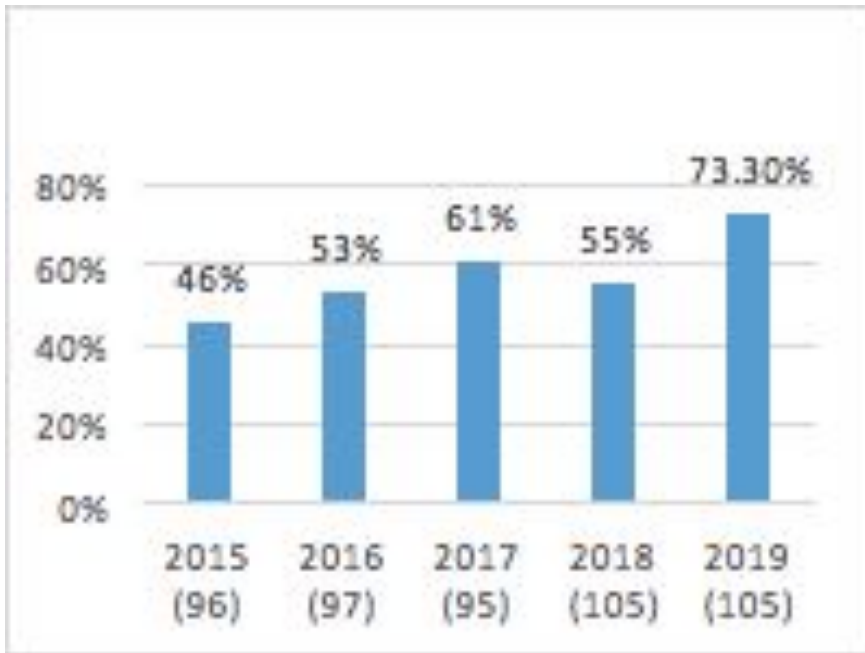
Students With Disabilities - No



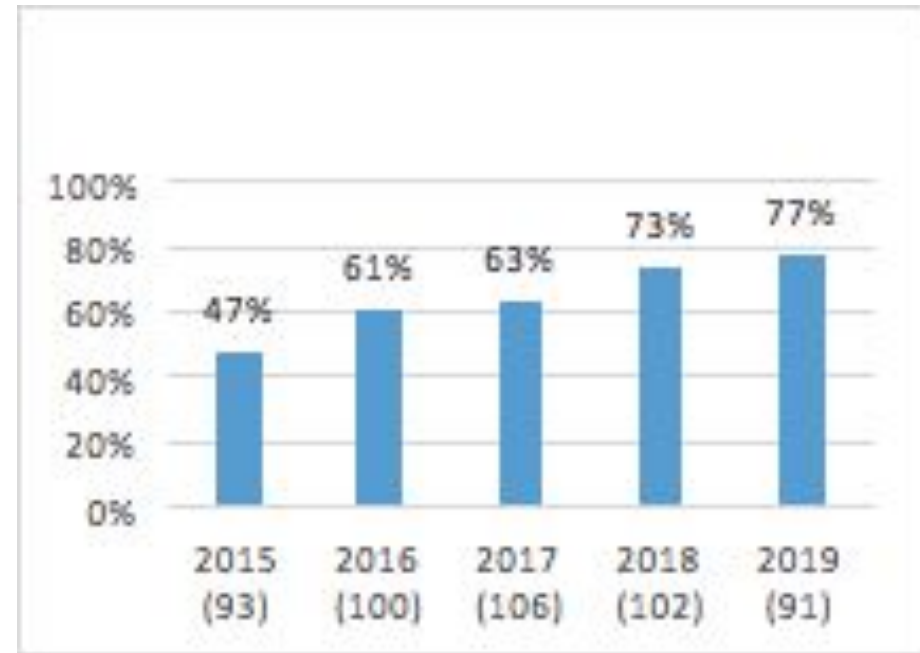
**Parenthesis on graphs indicate total number of students tested.

Subgroups ELA - Male & Female

Male



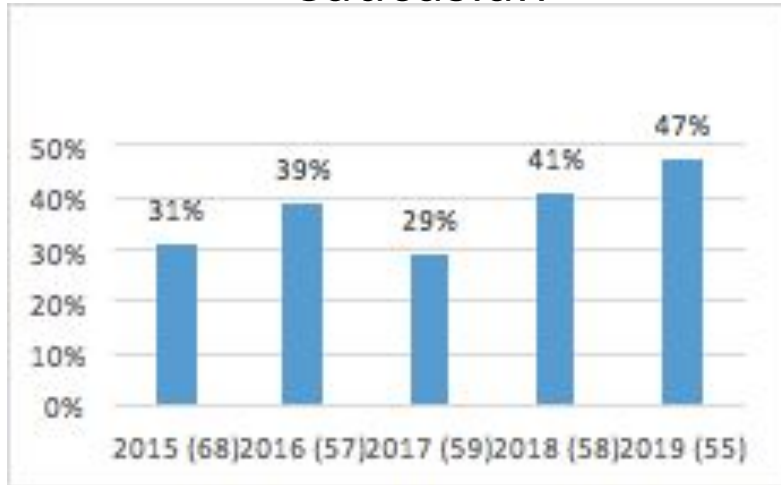
Female



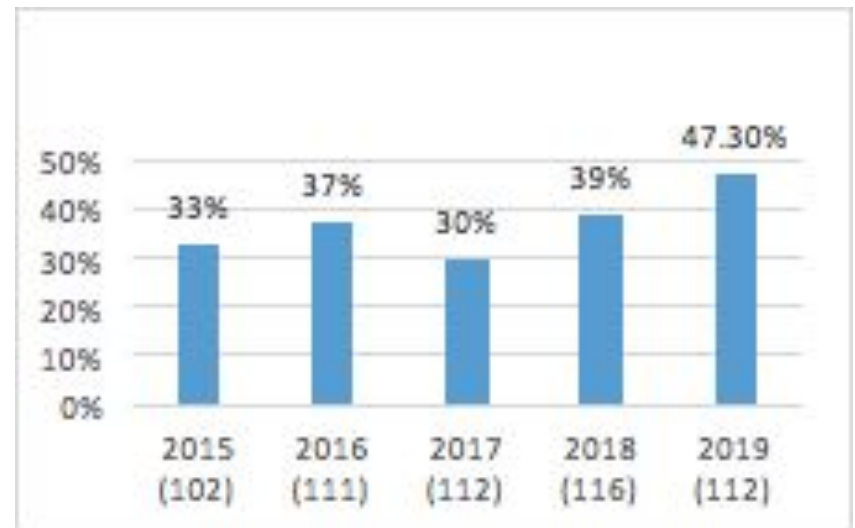
**Parenthesis on graphs indicate total number of students tested.

Subgroups MATH - Ethnicity

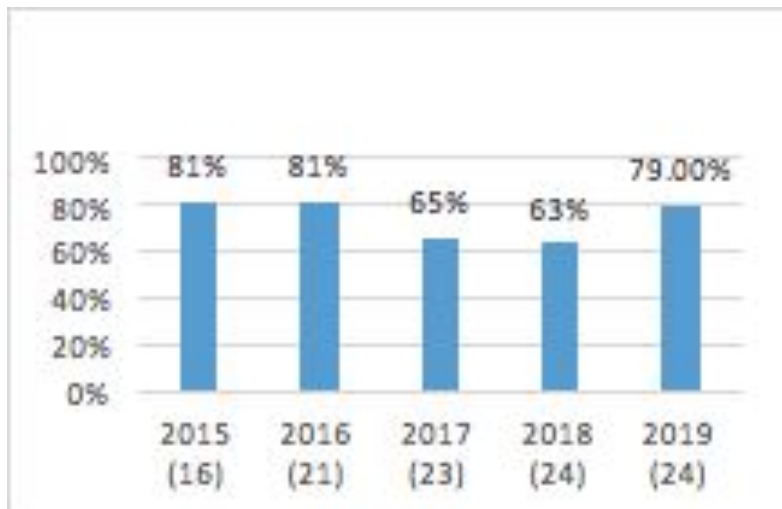
Caucasian



Hispanic



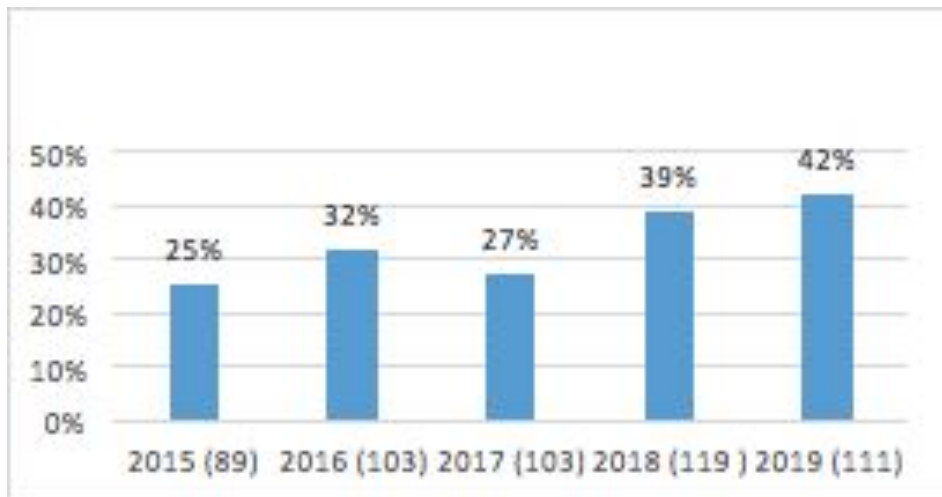
Asian



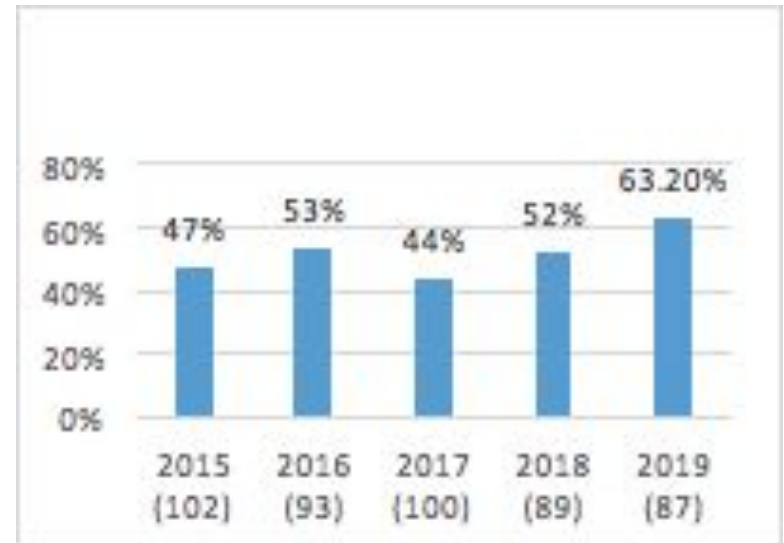
**Parenthesis on graphs indicate total number of students tested.

Subgroups MATH - Economic Disadvantaged

Economic Disadvantage - Yes



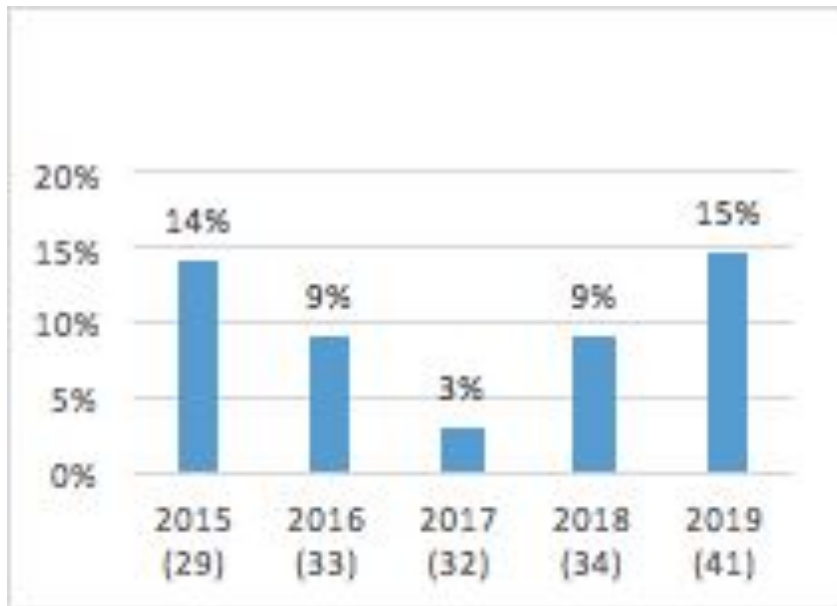
Economic Disadvantage - No



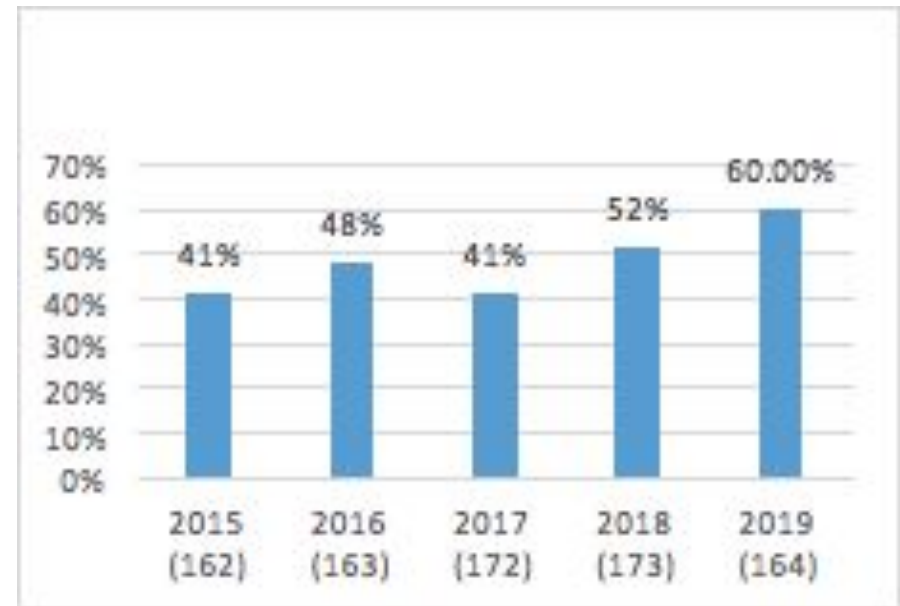
**Parenthesis on graphs indicate total number of students tested.

Subgroups MATH - Students With Disabilities

Students With Disabilities - Yes (IEP & 504)



Students With Disabilities - No



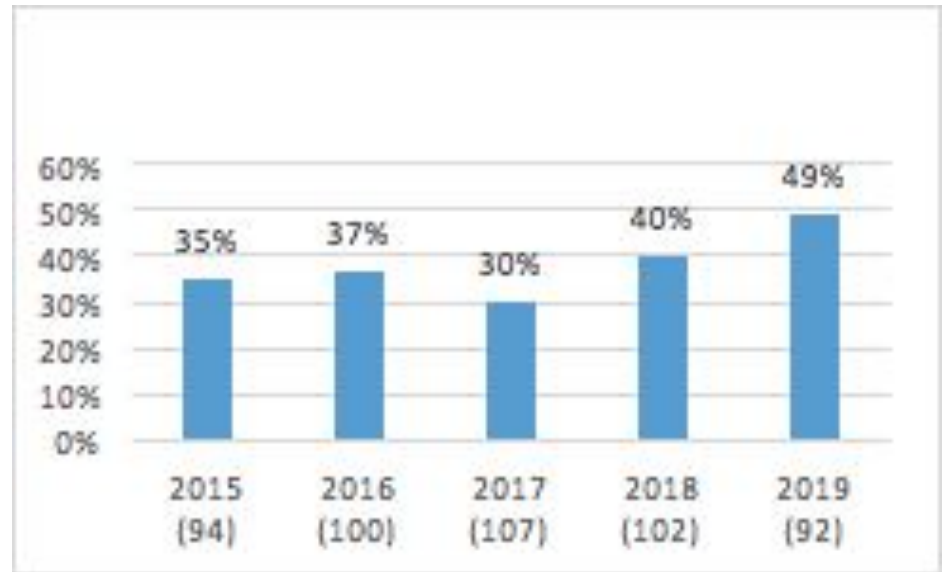
**Parenthesis on graphs indicate total number of students tested.

Subgroups MATH - Male & Female

Male



Female

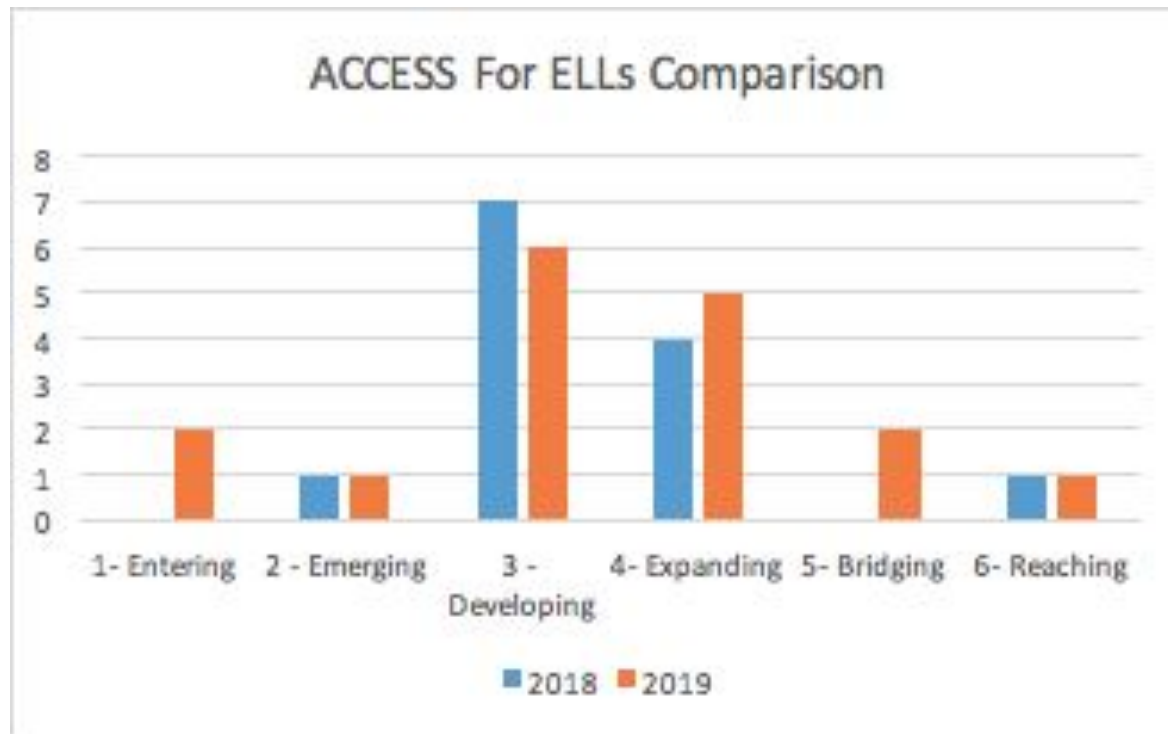


**Parenthesis on graphs indicate total number of students tested.

WIDA ACCESS - English Language Proficiency

2018 - 13 Students Tested

2019 - 17 Students Tested



NJSLA-Science & DLM

No NJSLA-Science Data to Report as of yet as it has not been released by the Department of Education

We currently do not have any students who qualify to take the DLM, therefore there is no data to report.

Next Steps ELA

- Continue Instructional Best Practices (Close Reading, Buddy Reading, Reciprocal Teaching, Socratic Seminar & Accountable Talk)
 - Vertically align our best practices
- Maintain our Ongoing Professional Development sessions with Dr. Burroughs from TCNJ
- Expand our work with Dr. Harrison, Special Education Consultant, on Differentiation and Modifications within our inclusive classrooms.
- Continue our PK-2 alignment expansion.
- Implement My5 Tutoring program in the morning
- Continue STAR Benchmarking: 3 times per year for whole school, 5 times per year for students receiving Tier 2 RTI Intervention Support.
 - All Grade Levels

Next Steps ELA - Continued

- Implement ROSETTA STONE Learning Program for our ESL students
- Expand ESL instruction & Supports across grades & Parents
- Continued expansion of our inclusion initiative for special education students.
- Continue expansion and implementation of our Enrichment Program for students exceeding expectations.
- Continued use of LLI & Soar To Success Intervention Programs
- Continue monthly data meetings to ensure student progress
- Continued Student Work Protocol for bi-weekly teacher meetings to effectively analyze student work, identify weaknesses, and develop next steps.
- Partnership with YMCA for Saturday Tutoring & Enrichment

Next Steps Math

- Continue Instructional Best Practices (Modeling & Reasoning, Numberless Word Problems, Math Discussions around Word Problems)
- Maintain our Ongoing Professional Development sessions with Dr. Battery from Rutgers
- Expand our work with Dr. Harrison, Special Education Consultant, on Differentiation and Modifications within our inclusive classrooms.
- Continue our PK-2 alignment expansion.
- Implement My5 Tutoring program in the morning
- Continue STAR Benchmarking: 3 times per year for whole school, 5 times per year for students receiving Tier 2 RTI Intervention Support.
 - All Grade Levels

Next Steps Math - Continued

- Continued expansion of our Inclusion Vision for all students
- Continue expansion and implementation of our Enrichment Program for students exceeding expectations
- Continue Use of Numbers World as our Tier 2 Math Intervention Program
- Math Guiding Coalition to analyze teacher to student feedback on misconceptions & questioning at small-group level
- Continue monthly data meetings to ensure student progress
- Continue Student Work Protocol for bi-weekly teacher meetings to effectively analyze student work, identify weaknesses, and develop next steps
- Continue Rocket Math Implementation across grades
- Partnership with YMCA for Saturday Tutoring & Enrichment

Questions