# NJSLA Spring 2019 Assessment Results

Green Township School District Oct. 16, 2019

Presenters: Dr. Lydia E. Furnari, Interim Superintendent Ms. Ann Marie VanSickle, Math Coash

Measuring College and Career Readiness

#### Green Township's

### 2019 Spring NJSLA School- & Grade-Level Outcomes English Language Arts - Percentages

	Not Yet Meeting Expectatio ns (Level 1)	Partially Meeting Expectatio ns (Level 2)	Approachi ng Expectatio ns (Level 3)	Meeting Expectatio ns (Level 4)	Exceeding Expectatio ns (Level 5)	% of students at Level 4 & 5	2018 % of students at Level 4 & 5
ELA03	7.9	21.1	18.4	50.0	2.6	52.6	50
ELA04	2.0	6.0	14.0	52.0	26.0	78.0	71
ELA05	0	2.1	18.8	60.4	18.8	79.2	72
ELA06	7.4	1.9	14.8	57.4	18.5	75.9	84
ELA07	0	4.3	6.5	37.0	52.2	89.1	96
ELA08	2.2	0	8.7	43.5	45.7	89.1	91

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level	Change in Level 4 and 5 2017 to 2019**
3	3.8%	1.9%	7.9%	9.6%	13.5%	21.1%	38.5%	34.6%	18.4%	42.3%	42.3%	50%	5.8%	7.7%	2.6%	15.6%	4.5%
4	1.8%	2%	2%	5.5%	8.2%	6%	25.5%	18.4%	14%	43.6%	55.1%	52%	23.6%	16.3%	26%	0.7%	10.8%
5	0%	1.9%	0%	5.3%	3.7%	2.1%	23.7%	22.2%	18.8%	60.5%	61.1%	60.4%	10.5%	11.1%	18.8%	-3.2%	8.2%

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

<sup>\*\*</sup>Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level	Change in Level 4 and 5 2017 to 2019**
6	0%	0%	7.4%	2.1%	2.3%	1.9%	12.8%	14%	14.8%	61.7%	51.2%	57.4%	23.4%	32.6%	18.5%	7.2%	-9.2%
7	3.2%	0%	0%	0%	2.2%	4.3%	6.5%	2.2%	6.5%	45.2%	28.9%	37%	45.2%	66.7%	52.2%	1.1%	-1.2%
8	2.5%	0%	2.2%	5%	3.1%	0%	5%	6.2%	8.7%	45%	53.8%	43.5%	42.5%	36.9%	45.7%	-5.3%	1.7%

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<sup>\*\*</sup>Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts – By Number of Students

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level 1 and 2	Change in Level 4 and 5 2017 to 2019**
3	2	1	3	5	7	8	20	18	7	22	22	19	3	4	1	+1	-5
4	1	1	1	3	4	3	14	9	7	24	27	26	13	8	13	0	+2
5	0	1	0	2	2	1	9	12	9	23	33	29	4	6	9	-1	+11

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<sup>\*\*</sup>Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts – By Number of Students

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level 1 and 2 2017 to	Change in Level 4 and 5 2017 to 2019**
6	0	0	4	1	1	1	6	6	8	29	22	31	11	14	10	+4	+1
7	2	0	0	0	1	2	4	1	3	28	13	17	28	30	24	0	-15
8	1	0	1	2	2	0	2	4	4	18	35	20	17	24	21	-2	+16

<sup>\*\*</sup>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 Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts - Percentages

Grade	Change in Level 1 and 2 2017 to 2019	Change in Level 1 and 2 2017 to 2019 By Student Number	Change in Level 4 and 5 2017 to 2019**	Change in Level 4 and 5 2017 to 2019** By Student Number
3	15.6%	+1	4.5%	-5
4	0.7%	0	10.8%	+2
5	-3.2%	-1	8.2%	+11
6	7.2%	+4	-9.2%	+1
7	1.1%	0	-1.2%	-15
8	-5.3%	-2	1.7%	+16

<sup>\*\*</sup>Level 4 and Level 5 is an indication a student is on pace to be college and career ready.

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#### Green Township's

### 2019 Spring NJSLA School- & Grade-Level Outcomes Mathematics - Percentages

	Not Yet Meeting Expectations (Level 1)	Partially Meeting Expectations (Level 2)	Approaching Expectations (Level 3)	Meeting Expectation s (Level 4)	Exceeding Expectations (Level 5)	% of students at Level 4 & 5	2018 % of students at Level 4 & 5
MAT03	2.6	10.5	26.3	44.7	15.8	60.5	77
MAT04	2.0	2.0	6.0	80.0	10.0	90.0	63
MAT05	0	6.3	29.2	50.0	14.6	64.6	72
MAT06	0	9.3	25.9	50.0	14.8	64.8	56
MAT07	0	10.9	26.1	45.7	17.4	63.0	69
MAT08	11.8	41.2	23.5	23.5	0	23.5	n/a
ALG 1	0	0	0	79.3	20.7	100	61

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level 1 and 2	Change in Level 4 and 5 2017 to 2019**
3	1.9%	3.8%	2.6%	11.5%	5.8%	10.5%	38.5%	13.5%	26.3%	38.5%	61.5%	44.7%	9.6%	15.4%	15.8%	-0.3%	+12.4%
4	0%	2%	2%	12.7%	6.1%	2%	20%	28.6%	6%	56.4%	59.2%	80%	10.9%	4.1%	10%	-8.7%	+22.7%
5	0%	0%	0%	5%	3.7%	6.3%	17.5%	24.1%	29.2%	60%	55.6%	50%	17.5%	16.7%	14.6%	1.3%	-12.9%

<sup>\*</sup>Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, 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.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics - Percentages

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level 1 and 2	Change in Level 4 and 5 2017 to 2019**
6	2.1%	0%	0%	8.5%	18.6%	9.3%	29.8%	25.6%	25.9%	48.9%	46.5%	50%	10.6%	9.3%	14.8%	-1.3%	+5.3%
7	3.2%	2.2%	0%	6.5%	2.2%	10.9%	21%	26.7%	26.1%	53.2%	48.9%	45.7%	16.1%	20%	17.4%	1.2%	-6.2%
8*	-	-	11.8%	-	-	41.2%	-	-	23.5%	-	-	23.5%	-	-	0%	n/a	n/a
ALG I***	2.5%	3.1%	0%	17.5%	10.9%	0%	25%	25%	0%	55%	46.9%	79.3%	0%	14.1%	20.7%	-20%	+45%

<sup>\*</sup>Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, 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.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics – By Number of Students

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level	Change in Level 4 and 5 2017 to 2019**
3	1	2	1	6	3	4	20	7	10	20	32	17	5	8	6	-2	-2
4	0	1	1	7	3	1	11	14	3	31	29	40	6	2	5	-5	+8
5	0	0	0	2	2	3	7	13	14	24	30	24	7	9	7	+1	0

<sup>\*</sup>Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, 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.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics – By Number of Students

Grade	Level 1 2017	Level 1 2018	Level 1 2019	Level 2 2017	Level 2 2018	Level 2 2019	Level 3 2017	Level 3 2018	Level 3 2019	Level 4 2017	Level 4 2018	Level 4 2019	Level 5 2017	Level 5 2018	Level 5 2019	in Level 1 and 2	Change in Level 4 and 5 2017 to 2019**
6	1	0	0	4	8	5	14	11	14	23	20	27	5	4	8	0	+7
7	2	1	0	4	1	5	13	12	12	33	22	21	10	9	8	-1	-14
8*	-	-	2	-	-	7	-	-	4	-	-	4	-	-	-	n/a	n/a
ALG I***	1	2	0	7	7	0	10	16	0	22	30	23	0	9	6	-8	+7

<sup>\*</sup>Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, 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.

### Comparison of Green Township's Spring 2017, Spring 2018 & Spring 2019 NJSLA Administrations Mathematics - Percentages

Grade	Change in Level 1 and 2 2017 to 2019	Change in Level 1 and 2 2017 to 2019	Change in Level 4 and 5 2017 to 2019**	Change in Level 4 and 5 2017 to 2019**
3	-0.3%	-2	12.4%	-2
4	-8.7%	-5	22.7%	+8
5	1.3%	+1	-12.9%	0
6	-1.3%	0	5.3%	+7
7	1.2%	-1	-6.2%	-14
ALG I***	-20%	-8	45%	+7

<sup>\*</sup>Approximately 30,000 New Jersey students in grade 8 participated in the Algebra I assessment. Thus, 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.

### Comparison of Green Township's 2017 to 2019 Spring NJSLA Administrations English Language Arts – 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	+	15.6 %	+	1.3%	-	20.1 %	-	1.1%	+	4.5%	-	0.1%
4	+	0.7%	+	0.7%	-	11.5 %	-	2.3%	+	10.8 %	+	1.5%
5	-	3.2%	+	0.9%	-	4.9%	+	0.1%	+	8.2%	-	1.1%
6	+	7.2%	-	1.1%	+	2.0%	-	1.7%	-	9.1%	+	2.8%
7	+	1.1%	-	1.0%		0%	-	2.7%	-	1.2%	+	3.6%
8	-	5.3%	-	1.2%	+	3.7%	-	2.6%	+	1.7%	+	3.7%

- 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 Green Township'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	-	0.3%	_	0.5%	-	12.2%	-	2.1%	+	12.4 %	+	2.6%
4	-	8.7%	_	2.3%	-	14%	-	1.4%	+	22.7 %	+	3.7%
5	+	1.3%	+	3.2%	-	11.7%	-	3.8%	-	12.9 %	+	0.6%
6	-	1.3%	+	3.4%	-	3.9%	_	0.3%	+	5.3%	_	3.1%
7	+	1.2%	+	0.7%	+	5.1%	-	3.7%	-	6.2%	+	1.6%
Algebra I***	-	20%	+	2.0%	-	25%	_	3.0%	+	45%	+	1.0%

Notes: Percentages may not total 100 due to rounding.

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

<sup>-</sup> 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 Green Township's Number of Students Tested Spring 2018 & Spring 2019 NJSLA Administrations English Language Arts

Grade	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2018 and 2019
3	38	52	-14
4	50	49	+1
5	48	54	-6
6	54	43	+11
7	46	45	+1
8	46	65	-19
Total	282	308	-26

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

<sup>\*\*</sup> NJSLA 2018-2019 assessments were optional for 11th Grade students.

# Comparison of Green Township's Number of Students Tested Spring 2018 & Spring 2019 NJSLA Administrations Mathematics

Grade	Students Tested 2019	Students Tested 2018	Difference between number of students tested in 2018 and 2019
3	38	52	-14
4	50	49	+1
5	48	54	-6
6	54	43	+1
7	46	45	+1
8*	17	-	+17
Algebra I**	29	65	-36
Total	282	308	-36

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

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

<sup>\*\*</sup> NJSLA 2018-2019 assessments were optional for 11th Grade students

### State & Subgroup Data

## Comparison of Green Township's Spring 2019 NJSLA Data English Language Arts 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	7.9	14.0	21.1	14.4	18.4	21.4	50.0	42.8	26	7.4
4	2.0	8.6	6.0	12.6	14.0	21.4	52.0	39.1	13.0	18.3
5	0	7.4	2.1	12.5	18.8	22.2	60.4	45.6	18.8	12.3
6	7.4	7.3	1.9	12.6	14.8	23.9	57.4	40.9	18.5	15.2
7	0	8.9	4.3	10.5	6.5	17.8	37.0	33.1	52.2	29.7
8	2.2	9.2	0	10.3	8.7	17.7	43.5	38.0	45.7	24.9

Notes: Percentages may not total 100 due to rounding.

### Comparison of Green Township's Spring 2019 NJSLA Data

#### **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	2.6	8.0	10.5	13.9	26.3	23.0	44.7	41.2	15.8	13.9
4	2.0	8.6	2.0	14.7	6.0	25.7	80.0	43.3	10.0	7.7
5	0	6.4	6.3	20.9	29.2	25.8	50.0	35.8	14.6	11.0
6	0	9.6	9.3	22.5	25.9	27.4	50.0	33.1	14.8	7.5
7	0	7.6	10.9	21.1	26.1	29.3	45.7	33.8	17.4	8.3
8*	11.8	23.3	41.2	23.1	23.5	24.3	23.5	28.2	0	1.1
Algebra I**	0	9.3	0	26.0	0	21.4	79.3	37.7	20.7	5.6

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

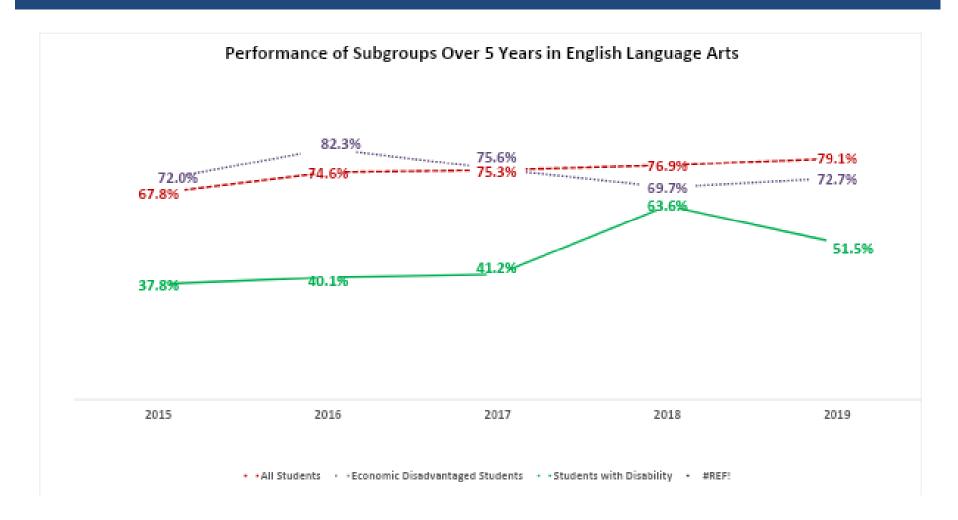
### Comparison of Green Township's Subgroup Spring 2018 and Spring 2019 NJSLA Administrations English Language Arts- Percentages

Subgroup	Not Yet Meeting Expectations (Level 1)		Parti Meet Expecta (Leve	ting ations	Expect	aching ations rel 3)	Mee Expect (Lev	ations	Exped	eeding tations vel 5)	% Difference ≥ Level 4
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	
Hispanic	0	7.1	16.7	21.4	33.3	7.1	33.3	57.1	16.7	7.1	14.2
Asian	0	50.0	0	0	33.3	0	50.0	0	16.7	50.0	-16.7
Black or African American	0	0	16.7	16.7	0.0	0	50.0	50.0	33.3	33.3	0
Native American	0	0	0	0	100	0	0	100	0	0	+100
White	1.1	2.4	5.0	4.4	15.4	14.4	49.6	50.8	28.9	28.0	0.3
Two or more races	0	0	0	0	0	14.3	100	42.9	0	42.9	-14.3
Econ Dis	6.3	9.1	18.8	0	18.8	18.2	31.3	54.5	25	18.2	16.4
ELL	n/a	100	n/a	0	n/a	0	n/a	0	n/a	0	0
IEP	7.5	9.1	20.0	12.1	20.0	27.3	42.5	39.4	10.0	12.1	-1.0

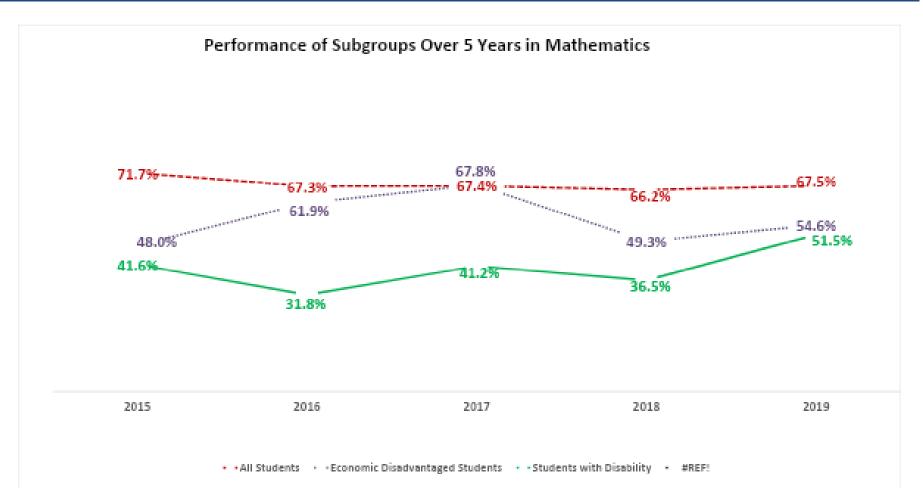
### Comparison of Green Township's Subgroup Spring 2018 and Spring 2019 NJSLA Administrations Mathematics - Percentages

Subgroup	Not Yet Meeting Expectations (Level 1)		Parti Meet Expecta (Leve	ting ations	Appro: Expect (Lev	-	Mee Expect (Lev	ations	Exped	eding tations vel 5)	% Difference ≥ Level 4
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	
Hispanic	0	0	33.3	21.4	25.0	35.7	41.7	42.9	0	0	1.2
Asian	0	0	0	50.0	50.0	0	33.3	25.0	16.7	25.0	0
Black or African American	16.7	16.7	16.7	16.7	0	0	50.0	66.7	16.7	0	0
Native American	0	0	0	0	0	0	100	100	0	0	0
White	1.8	1.2	6.8	7.6	24.0	20.8	53.8	56.0	13.6	14.4	3.0
Two or more races	0	0	0	0	0	0	50.0	57.1	50.0	42.9	50.0
Econ Dis	18.8	18.2	12.5	0	12.5	27.3	43.8	45.5	12.5	9.1	-1.7
ELL	n/a	0	n/a	100	n/a	0	n/a	0	n/a	0	
IEP	10.0	9.1	20.0	18.2	35.0	24.2	35.0	45.5	0	3.0	13.5

### **Subgroup Charts**



### **Subgroup Charts**



# Notable Achievements & Intervention Strategies

### **ELA Notable Achievements**

- ■In Grades 3, 4 & 5, there was a percentage increase in levels 4 and 5
- ■Grade 4: 80% of the students met or exceeded expectations in written expression, which was up from 66% the previous year.
- Grade 8: In 2019, 91% of tested students met or exceeded expectations in Reading Informational Text, an increase from 71% in 2018.

### **ELA Intervention Strategies**

- Leveled Literacy Intervention (LLI)
- ■DRA 3 being used as a screening tool for all students
- Revisions to language arts curriculum that are ongoing

### Math Notable Achievements

Grade 4: 90% proficient

Algebra 1: 100% proficient

Algebra 1

Major Content: 97% proficient
 Supporting Content: 97% proficient
 Reasoning Tasks: 86% proficient
 Modeling Tasks: 83% proficient

Students are ready for High School Honors or ACP courses after completing Algebra 1 at Green.

### Math Notable Achievements

#### Other Grade level notables:

#### ■ On Reasoning Tasks:

• Gr. 3 to Gr. 4: 92% met or exceeded (58% in 2018)

• Gr. 6 to Gr. 7: 63% met or exceeded (47% in 2018)

#### ■ On Modeling Tasks:

• Gr. 4 to Gr. 5: 73% met or exceeded (55% in 2018)

### Math Intervention Strategies

- 2019-2020 Focus on using data to improve student performance
  - NJSLA Student Content Data Report on each student pinpoints areas for improvement in both ELA and Math.
  - i-Ready diagnostics in K-5 to help target individual needs in math domains.
  - i-Ready online intervention for Tier 2 & Tier 3 math support in Gr 1-4
- Other supplemental programs to support instruction & intervention.
  - Reflex math grant for Gr. 4 and other identified students to support fact fluency.
  - ST Math for Gr. 2-5 to support conceptual understanding and grade level fluency in all standards.
  - IXL Math in Gr. 5-8

### Individual Data Cards

Name:	Grade 5
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Math Score: 769

Domain/Cluster	Student Score (Percent)	Class Average on Same Test Form O31	State Average
D1: Operations & Algebraic Thinking	100	83.3	70
Write and interpret numerical expressions.	100	83.3	59
Analyze patterns & relationships	100	83.3	81
D2: Numbers & Operations Base Ten	71	56.6	61
Understand the place value system	100	54.2	54
Perform operations with multi-digit whole numbers and with decimals to hundredths.	33	59.7	70
D3: Numbers & Operations Fractions	100	70	60
Use equivalent fractions as a strategy to add and subtract fractions.	100	68.8	60
Apply & extend previous understandings of multiplication & division.	100	70.8	59

### Questions

- Questions?
- Thank You!