



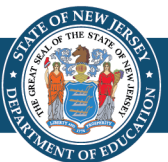
# New Jersey Department of Education



# 2022 New Jersey Student Learning Assessment Data Presentation

Office of Assessments

Division of Teaching and Learning Services





# Agenda



- 2022 Dynamic Learning Maps (DLM) Results
- 2022 ACCESS for ELLs Results
- 2022 New Jersey Graduation Proficiency Assessment (NJGPA) Results
- 2022 New Jersey Student Learning Assessment (NJSLA) Results
- 2022 National Assessment Landscape



# Dynamic Learning Maps (DLM)



# DLM Participation Rate Yearly Comparison (Percent by Student Grade Level)



Grade in Spring 2022	ELA 2022	ELA 2021	ELA 2019	Math 2022	Math 2021	Math 2019	Science 2022	Science 2021	Science 2019
Grade 3	96.3%	62.7%	97.5%	96.2%	62.6%	97.5%			
Grade 4	95.3%	63.4%	98.0%	95.3%	63.3%	98.0%			
Grade 5	95.5%	59.4%	97.9%	95.4%	60.0%	97.8%	95.6%	60.5%	98.0%
Grade 6	95.9%	60.5%	97.6%	95.8%	61.1%	97.5%			
Grade 7	96.1%	60.0%	98.5%	96.0%	59.6%	98.5%			
Grade 8	94.8%	61.4%	98.0%	94.8%	61.5%	98.0%	94.1%	61.8%	97.7%
Grade 11	96.6%	59.2%	97.8%	96.3%	58.9%	98.0%	96.4%	60.0%	97.8%
<b>Total</b>	<b>95.8%</b>	<b>60.9%</b>	<b>97.9%</b>	<b>95.7%</b>	<b>61.0%</b>	<b>97.9%</b>	<b>95.3%</b>	<b>60.7%</b>	<b>97.8%</b>



# DLM ELA Results

## (Percent by Student Grade Level in Spring 2022)



Grade in Spring 2022	LEVEL 1: Emerging	LEVEL 2: Approaching	LEVEL 3: At Target	LEVEL 4: Advanced
Grade 3	55.4%	13.5%	26.7%	4.4%
Grade 4	52.8%	21.1%	22.3%	3.9%
Grade 5	50.1%	14.1%	27.4%	8.4%
Grade 6	47.5%	22.4%	21.8%	8.2%
Grade 7	39.8%	27.3%	24.9%	8%
Grade 8	43.6%	27.7%	27.6%	1%
Grade 11	33.9%	32.8%	26.6%	6.7%



# DLM Mathematics Results

## (Percent by Student Grade Level in Spring 2022)



Grade in Spring 2022	LEVEL 1: Emerging	LEVEL 2: Approaching	LEVEL 3: At Target	LEVEL 4: Advanced
Grade 3	57.6%	11%	16.9%	14.5%
Grade 4	45.8%	10.3%	25%	18.9%
Grade 5	46%	19.5%	14.9%	19.6%
Grade 6	55.8%	21.4%	12.3%	10.5%
Grade 7	63.2%	17.6%	10.7%	8.5%
Grade 8	54.2%	30.2%	8.9%	6.8%
Grade 11	49.9%	17.6%	30.4%	2.1%



# DLM Science Results

## (Percent by Student Grade Level in Spring 2022)

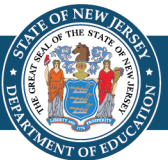


Grade in Spring 2022	LEVEL 1: Emerging	LEVEL 2: Approaching	LEVEL 3: At Target	LEVEL 4: Advanced
Grade 5	66.7%	21.2%	11.4%	0.6%
Grade 8	57%	19.4%	19.4%	4.2%
Grade 11	53.8%	30.7%	11.9%	3.6%





# ACCESS for ELLs







# ACCESS for ELLs Purpose



- The ACCESS for ELLs assessments serve as New Jersey's English Language Proficiency (ELP) assessments as required by ESSA and N.J.A.C. 6A:15-1.10(b).
  - ACCESS for ELLs is administered in grades K-12 to students identified as English Learners (ELs).
  - ELs are students whose native language is other than English and have varying degrees of ELP in any one of the language domains of speaking, reading, writing, or listening.
- ACCESS for ELLs measures English proficiency growth tied to the WIDA (World-Class Instructional Design and Assessment) English Language Proficiency standards, which are aligned to the academic content area standards.
- An Overall Composite cut score of 4.5 (on a scale from 1.0 to 6.0) on the ACCESS for ELLs assessment is used as **one** of multiple measures by which ELL students are exited from program services in NJ.

# ACCESS for ELLs Participation Rate Percent (Percent by Grade Level in Spring 2022)



Grade in Spring 2022	Participation Rate 2022 (rounded)	
Kindergarten	100.0%	+18.5%
Grade 1	99.8%	+28.7%
Grade 2	99.6%	+29.2%
Grade 3	99.7%	+30.0%
Grade 4	99.7%	+29.7%
Grade 5	99.7%	+32.6%
Grade 6	99.6%	+34.6%
Grade 7	99.7%	+33.1%
Grade 8	99.7%	+31.9%
Grade 9	99.4%	+34.9%
Grade 10	99.5%	+37.2%
Grade 11	99.6%	+38.5%
Grade 12	99.0%	+45.4%
<b>Total</b>	<b>99.7%</b>	<b>+30.8%</b>



# ACCESS for ELLs: Overall Composite Score Levels (Percent by Grade Level in Spring 2022)

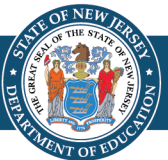


Grade Level in Spring 2022	Level 1: Entering	Level 2: Emerging	Level 3: Developing	Level 4: Expanding	Level 5: Bridging	Level 6: Reaching
Kindergarten	63.8	14.2	11.3	9.0	1.7	0.0
Grade 1	30.6	34.2	29.3	4.7	1.1	0.1
Grade 2	21.2	26.7	39.3	11.7	1.0	0.0
Grade 3	20.6	20.7	39.9	17.3	1.5	0.0
Grade 4	14.1	11.6	30.4	33.6	8.8	1.5
Grade 5	18.2	13.0	29.9	29.8	8.1	0.9
Grade 6	21.1	23.8	42.0	12.4	0.8	0.0
Grade 7	26.7	22.1	36.9	12.9	1.3	0.1
Grade 8	31.4	20.1	32.8	14.0	1.6	0.1
Grade 9	33.3	23.9	28.9	12.1	1.7	0.1
Grade 10	27.1	25.3	31.3	14.3	1.9	0.1
Grade 11	28.6	25.2	31.7	12.7	1.6	0.2
Grade 12	26.9	26.4	35.3	10.5	0.9	0.0





# 2022 New Jersey Graduation Proficiency Assessment (NJGPA)





# NJGPA Overview



- NJGPA is designed to measure the extent to which students are graduation ready in English Language Arts (ELA) and Mathematics.
- Graduation readiness is reported separately for each content component.
- The ELA component is aligned to the grade 10 standards.
- The Mathematics component is aligned to Algebra I and Geometry standards.

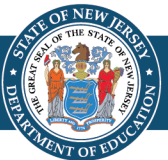




# NJGPA Field Test Legislation



- On July 5, 2022, Governor Murphy signed P.L.2022, c.60 (ACS for A-3196/S-2349), which requires the State Board of Education to administer the NJGPA as a field test for class of 2023.
- The law also prohibits the results of the NJGPA field test (First Pathway), a substitute competency test (Second Pathway), or portfolio appeal (Third Pathway) from being used as prerequisite for graduation for students expected to graduate in the class of 2023.
- There is no graduation assessment requirement for any student who is expected to graduate with the class of 2023.
- This data is to be used to inform teaching and learning prior to graduation.

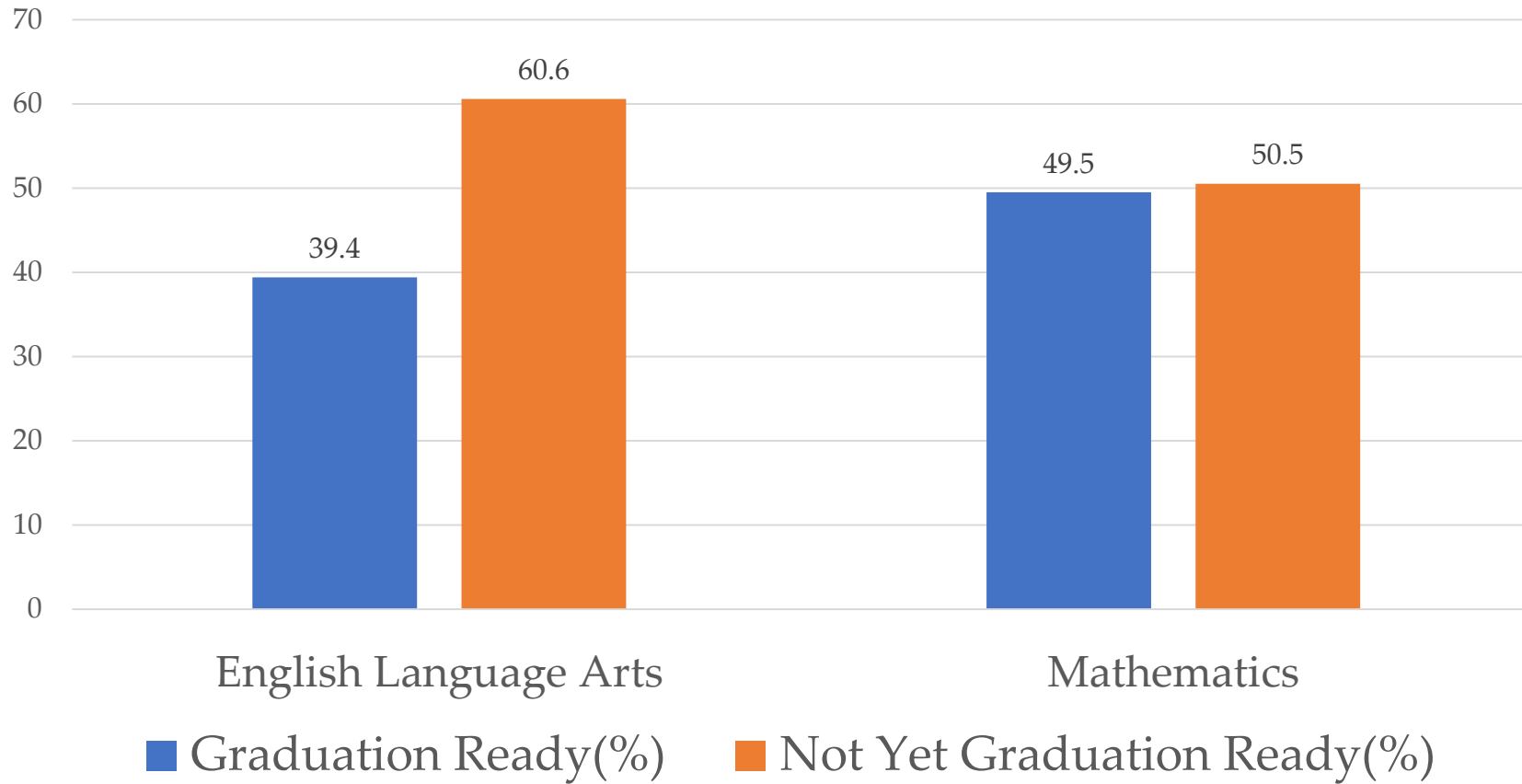




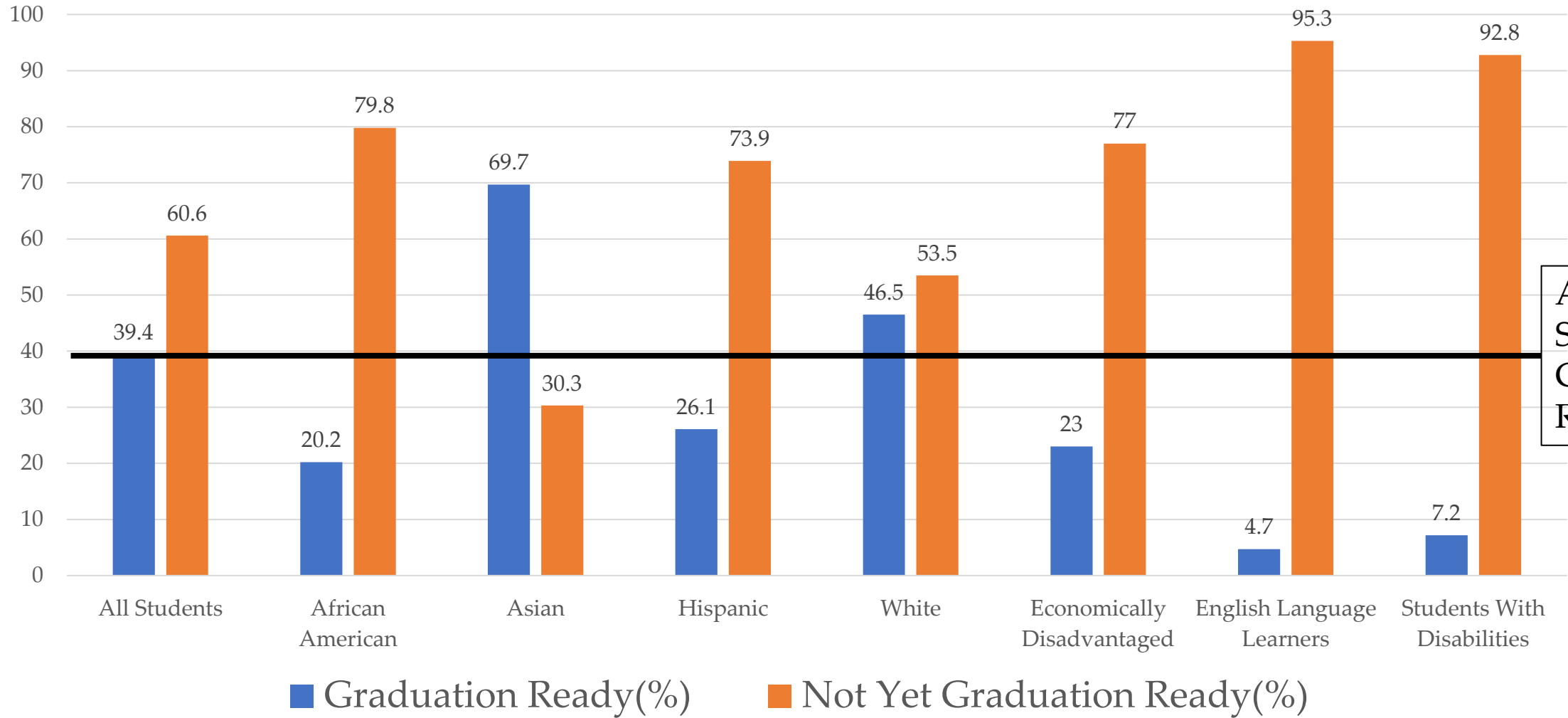
# NJGPA Overall Results



Percentage of Students *Graduation Ready* and *Not Yet Graduation Ready*

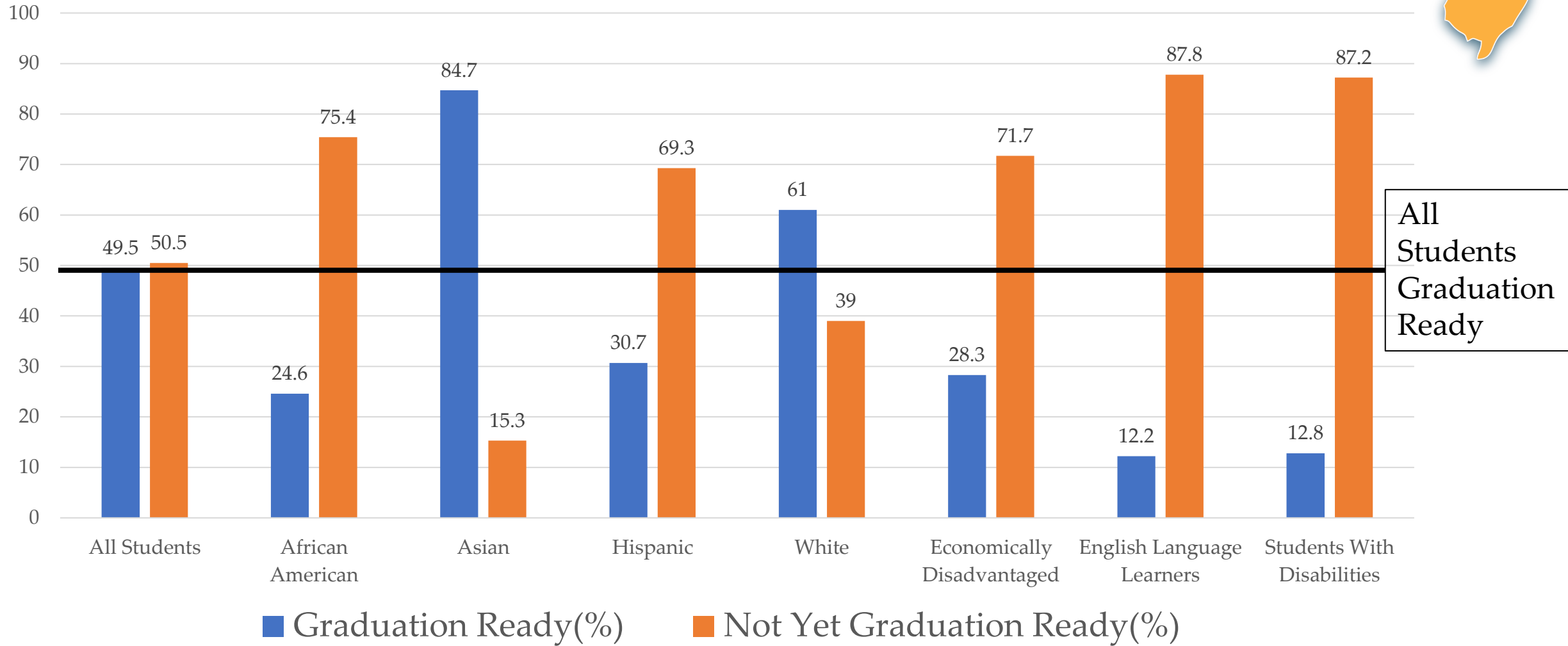


# 2022 ELA Component: Student Demographics and Groups





# 2022 Math Component: Student Demographics and Groups





# 2022 New Jersey Student Learning Assessment (NJSLA)





# Changes to the High School NJSLA



## 2018-2019 NJSLA

- **ELA**
  - All three writing tasks were tested across two different versions of the grade 9 test.
  - Administered to students in grade 9 and 10.
- **Math**
  - All high school students enrolled in Algebra I, Geometry, and Algebra II in grades 9 and 10 were required to test.

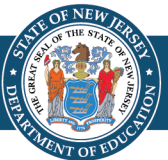


## 2021-2022 NJSLA

- **ELA**
  - Two writing tasks assessed on the grade 9 test.
  - Only administered to students in grade 9.
- **Math**
  - Students were only required to test at the end of their first math course in high school (Algebra I, Geometry, or Algebra II).



# 2022 New Jersey Student Learning Assessment (NJSLA) Results: Performance Levels



# Comparison of New Jersey Spring 2022 to Spring 2019 Assessment Administrations English Language Arts



Grade	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 4 and Level 5
	2019	2022	2019	2022	2019	2022	2019	2022	2019	2022	
<b>Year</b>	2019	<b>2022</b>	2019	<b>2022</b>	2019	<b>2022</b>	2019	<b>2022</b>	2019	<b>2022</b>	<b>2019-2022</b>
<b>Grade 3</b>	14.0%	<b>20.1%</b>	14.4%	<b>15.5%</b>	21.4%	<b>22.0%</b>	42.8%	<b>36.2%</b>	7.4%	<b>6.2%</b>	<b>↓ 7.8%</b>
<b>Grade 4</b>	8.6%	<b>14.4%</b>	12.6%	<b>14.3%</b>	21.4%	<b>21.9%</b>	39.1%	<b>35.3%</b>	18.3%	<b>14.1%</b>	<b>↓ 8.0%</b>
<b>Grade 5</b>	7.4%	<b>12.5%</b>	12.5%	<b>14.7%</b>	22.2%	<b>23.2%</b>	45.6%	<b>40.4%</b>	12.3%	<b>9.2%</b>	<b>↓ 8.3%</b>
<b>Grade 6</b>	7.3%	<b>10.6%</b>	12.6%	<b>15.6%</b>	23.9%	<b>26.3%</b>	40.9%	<b>37.4%</b>	15.2%	<b>10.2%</b>	<b>↓ 8.5%</b>
<b>Grade 7</b>	8.9%	<b>12.3%</b>	10.5%	<b>13.5%</b>	17.8%	<b>21.5%</b>	33.1%	<b>31.4%</b>	29.7%	<b>21.3%</b>	<b>↓ 10.1%</b>
<b>Grade 8</b>	9.2%	<b>14.3%</b>	10.3%	<b>13.2%</b>	17.7%	<b>21.2%</b>	38.0%	<b>35.8%</b>	24.9%	<b>15.6%</b>	<b>↓ 11.5%</b>
<b>Grade 9</b>	11.3%	<b>11.8%</b>	11.8%	<b>15.6%</b>	21.1%	<b>23.6%</b>	36.7%	<b>36.5%</b>	19.2%	<b>12.4%</b>	<b>↓ 7.0%</b>



\*NJSLA ELA9 result does not include grade 10, grade 11 and grade 12 students.  
Notes: Percentages may not total 100 due to rounding.

# Comparison of New Jersey Spring 2022 to Spring 2019 Assessment Administrations MATHEMATICS



Grade	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 4 and Level 5
	2019	2022	2019	2022	2019	2022	2019	2022	2019	2022	2019-2022
Grade 3	8.0%	13.3%	13.9%	18.3%	23.0%	23.0%	41.2%	32.8%	13.9%	12.6%	↓ 9.7%
Grade 4	8.6%	13.1%	14.7%	22.6%	25.7%	24.8%	43.3%	33.2%	7.7%	6.2%	↓ 11.6%
Grade 5	6.4%	15.1%	20.9%	23.0%	25.8%	25.9%	35.8%	28.9%	11.0%	7.1%	↓ 10.8%
Grade 6	9.6%	15.3%	22.5%	24.9%	27.4%	28.5%	33.1%	26.0%	7.5%	5.3%	↓ 9.3%
Grade 7	7.6%	10.9%	21.1%	23.6%	29.3%	31.5%	33.8%	28.9%	8.3%	5.1%	↓ 8.1%
Grade 8*	23.3%	30.4%	23.1%	31.9%	24.3%	22.3%	28.2%	14.6%	1.1%	0.8%	↓ 13.9%
Algebra I~	9.3%	17.7%	26.0%	22.6%	21.4%	24.7%	37.7%	32.1%	5.6%	2.9%	↓ 8.3%
Geometry~	10.4%	6.4%	24.6%	18.3%	32.8%	30.5%	26.9%	38.5%	5.3%	6.3%	↑ 12.6%
Algebra II~	10.6%	10.2%	11.7%	13.1%	21.4%	18.9%	49.7%	49.2%	6.6%	8.7%	↑ 1.6%



~State results for high school math do not include grade 11 and grade 12 students. Almost 50,000 less students participated in Geometry and 20,000 less students participated in Algebra II.  
 \*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.  
 Notes: Percentages may not total 100 due to rounding.

# Comparison of New Jersey Spring 2022 to Spring 2019 Assessment Administrations Science



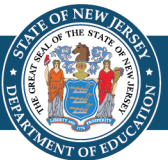
Grade	Below Proficient (Level 1)		Near Proficiency (Level 2)		Proficient (Level 3)		Advanced Proficiency (Level 4)		Change in Level 3 and Level 4
	2019	2022	2019	2022	2019	2022	2019	2022	
<b>Grade 5</b>	34.8%	<b>41.6%</b>	36.0%	<b>32.9%</b>	22.7%	<b>18.2%</b>	6.6%	<b>7.4%</b>	<b>↓ 3.70%</b>
<b>Grade 8</b>	35.7%	<b>40.9%</b>	44.5%	<b>43.5%</b>	15.3%	<b>12.0%</b>	4.5%	<b>3.6%</b>	<b>↓ 4.20%</b>
<b>Grade 11</b>	49.0%	<b>46.2%</b>	23.6%	<b>24.8%</b>	19.5%	<b>20.5%</b>	7.8%	<b>8.4%</b>	<b>↑ 1.60%</b>



Notes: Percentages may not total 100 due to rounding.



# 2022 New Jersey Student Learning Assessment (NJSLA) Results: Trend Data

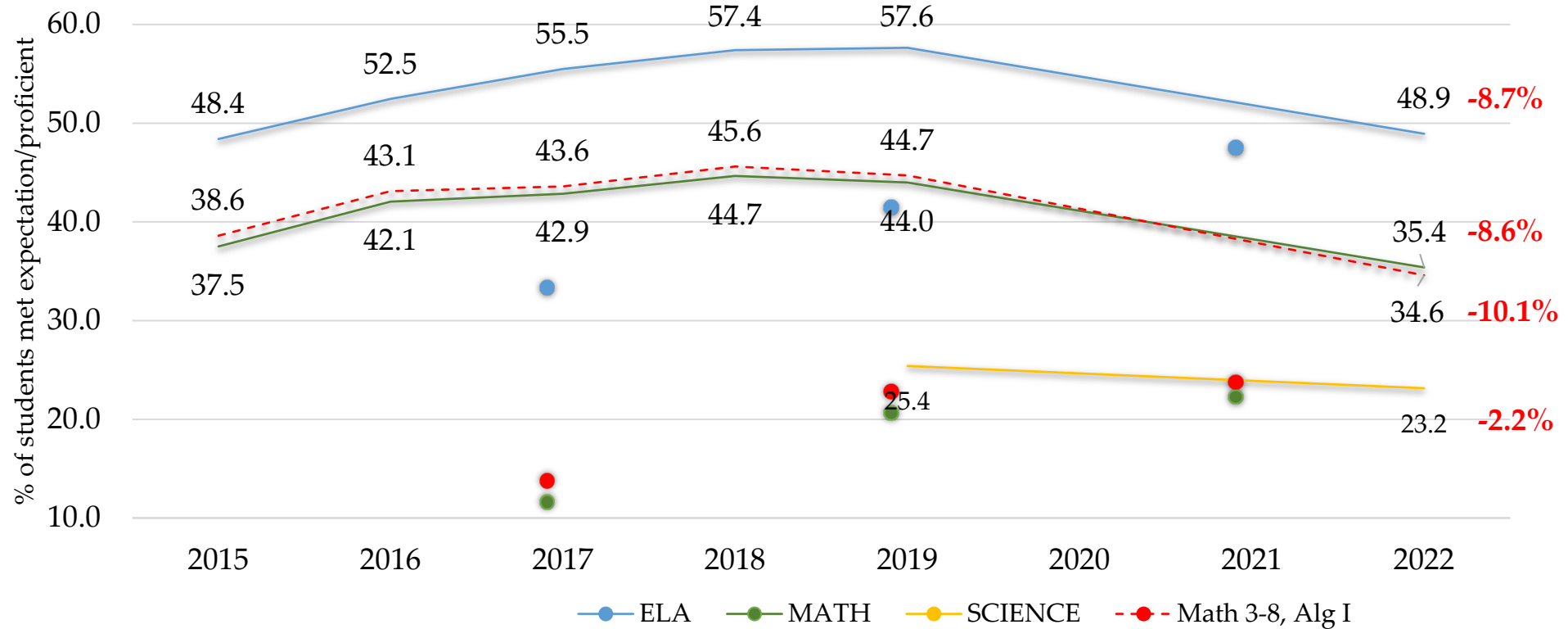




# Assessment Results Over the Past 6 Years

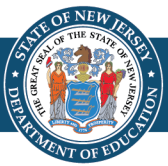
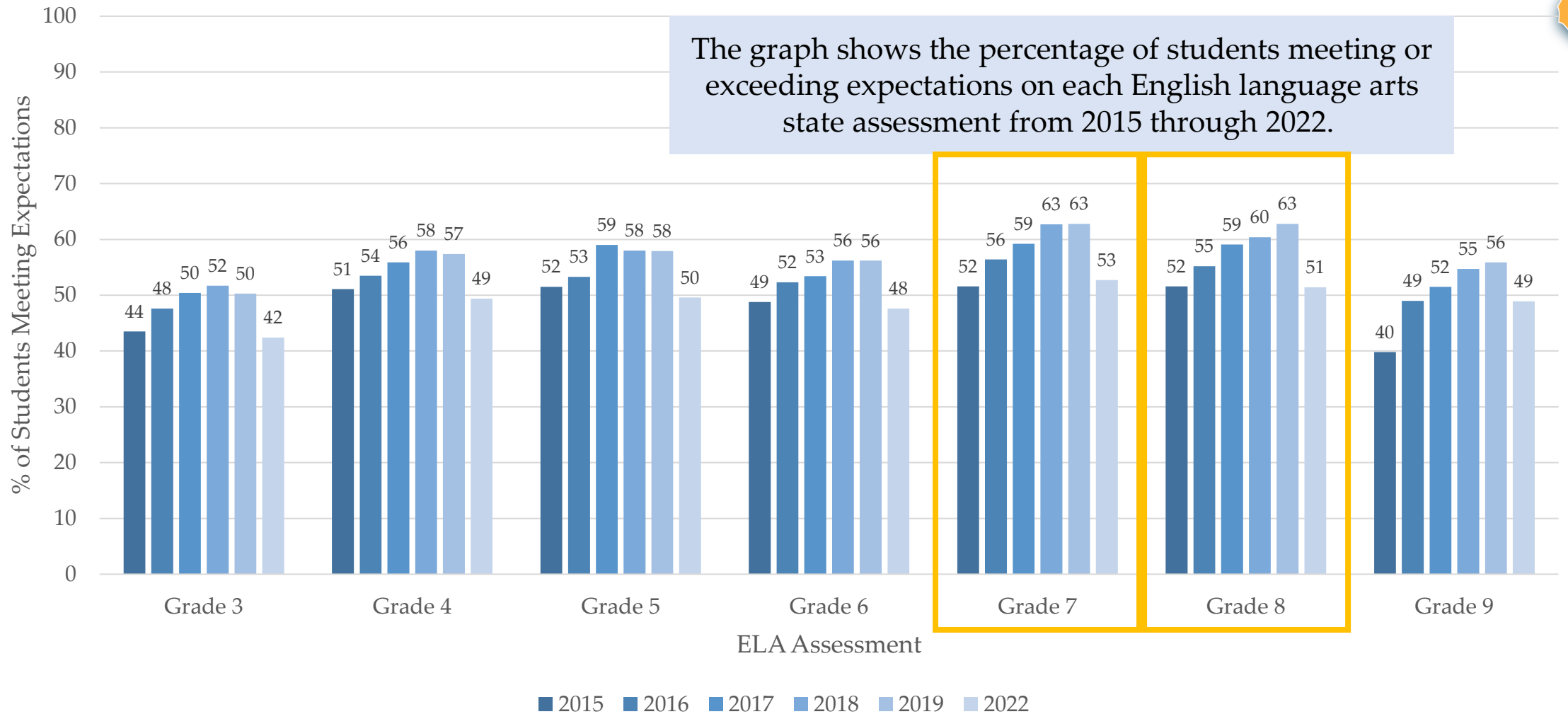


**ELA and Math: Percentage of students who *met or exceeded expectations***  
**Science: Percentage of students who met *proficient or advanced proficiency***





# ELA 2015-2022



\*NJSLA ELA9 results do not include grade 10, grade 11 and grade 12 students.

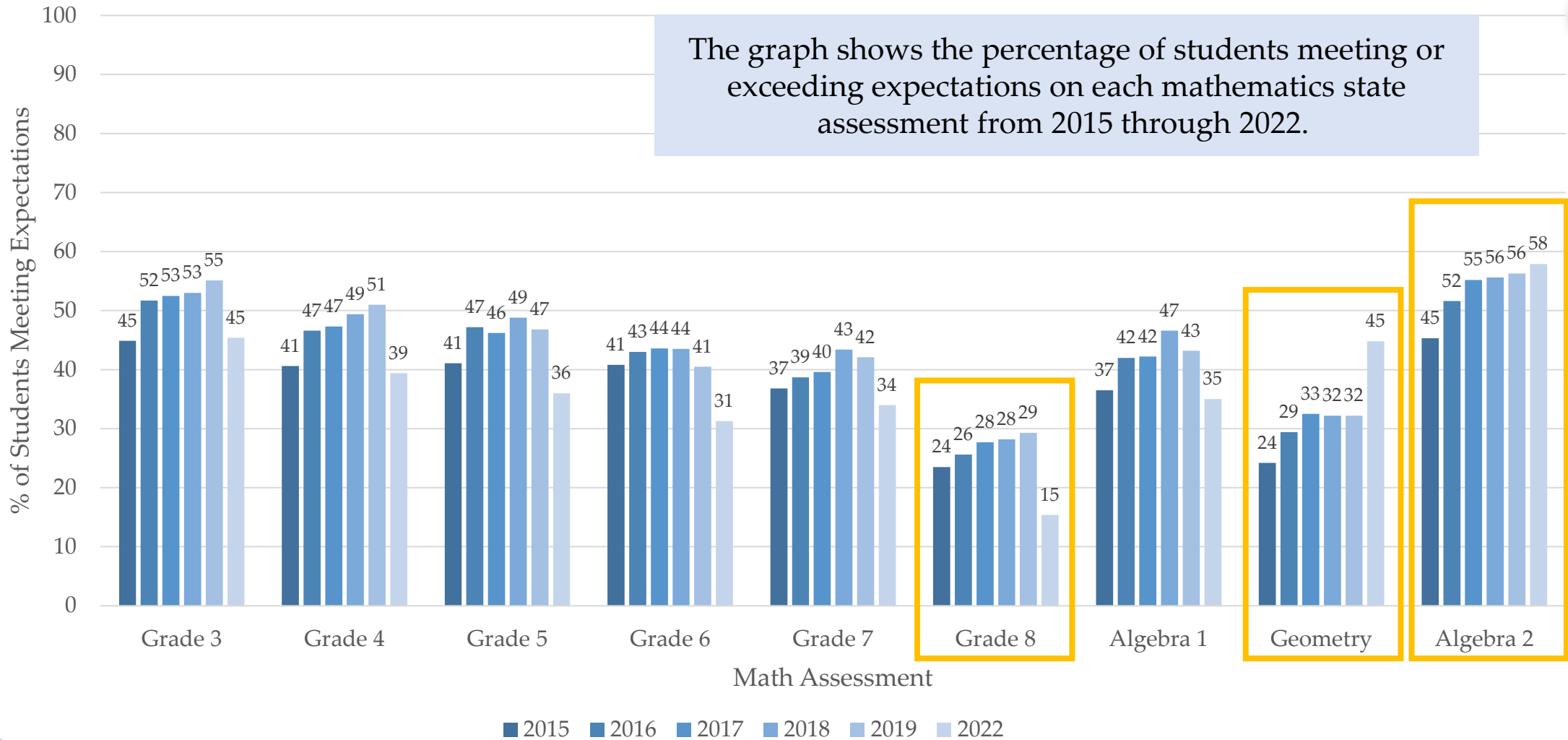




# Mathematics 2015-2022



The graph shows the percentage of students meeting or exceeding expectations on each mathematics state assessment from 2015 through 2022.

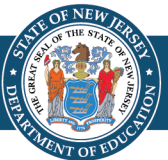


\*State results for high school math do not include grade 11 and grade 12 students.

\*Almost 50,000 less students participated in Geometry and 20,000 less students participated in Algebra II.



# 2022 New Jersey Student Learning Assessment (NJSLA) Results: Student Demographics and Groups

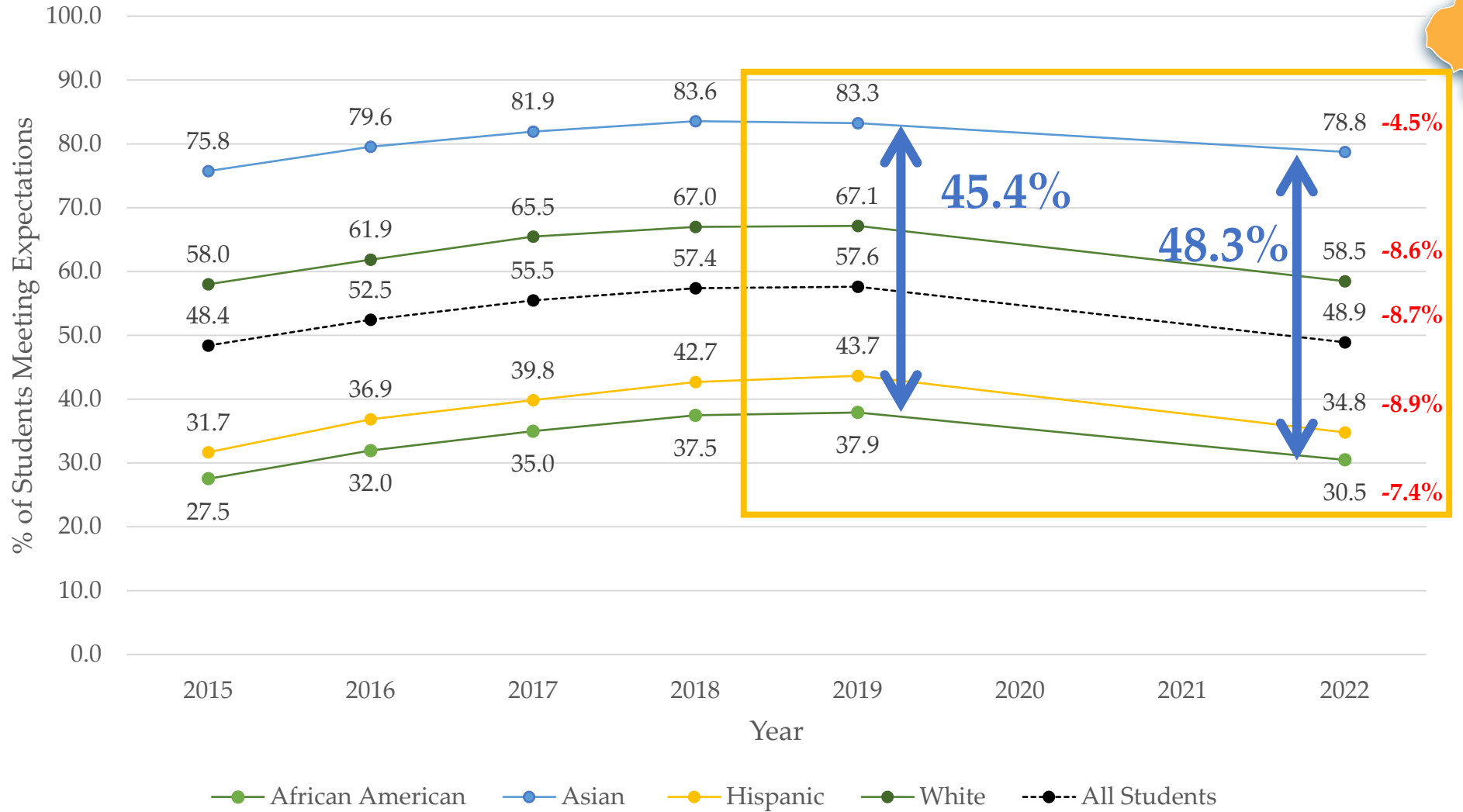




# ELA 2015-2022: Student Demographics



The graph shows the percentage of students in each student group meeting expectations in all grades across ELA state assessments from 2015 through 2022.



\*State results do not include grade 10, grade 11 and grade 12 students.

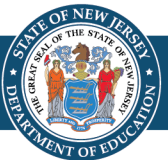
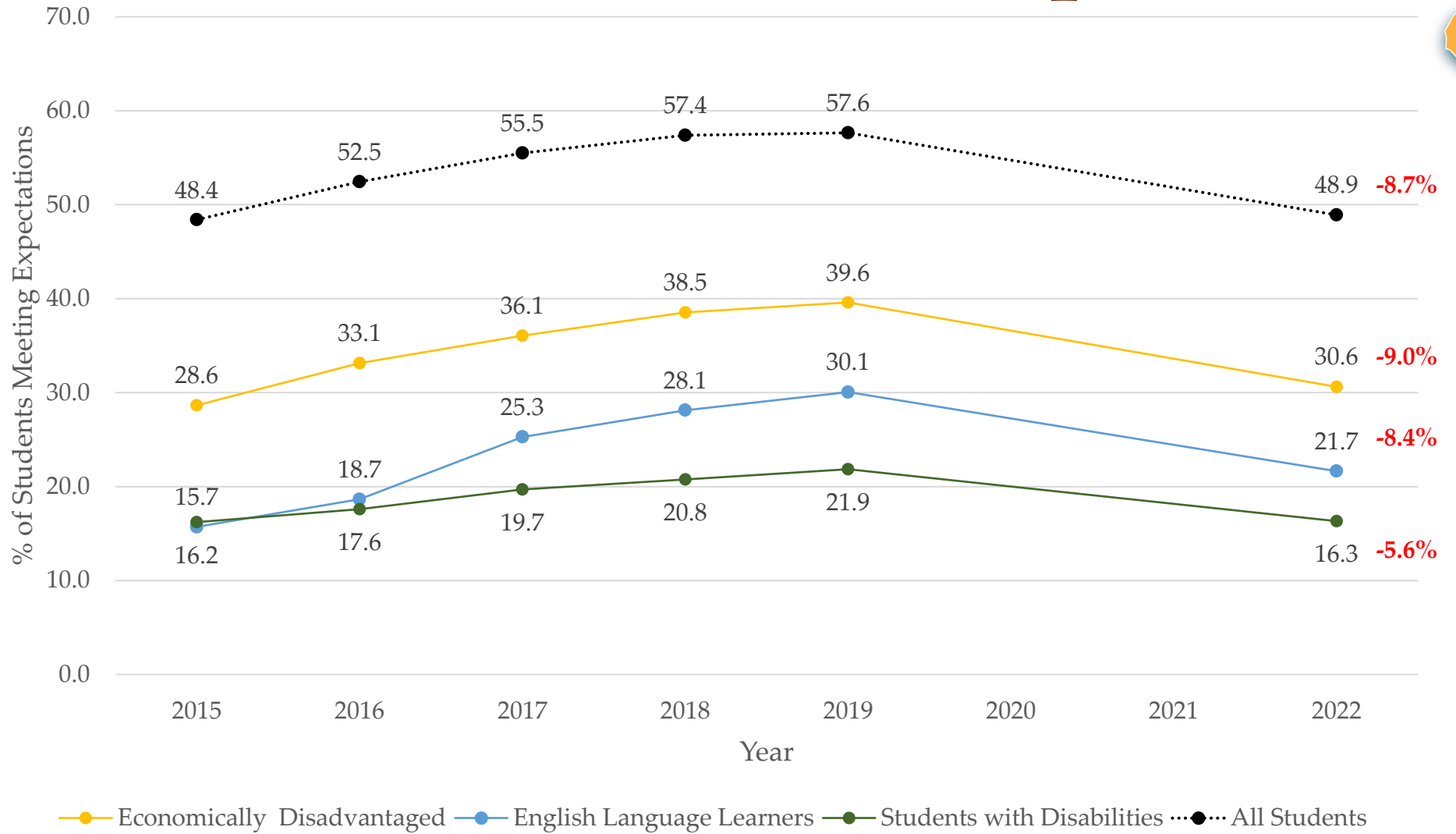




# ELA 2015-2022: Student Groups



The graph shows the percentage of students in each student group meeting expectations in all grades across ELA state assessments from 2015 through 2022.



\*State results do not include grade 10, grade 11 and grade 12 students..

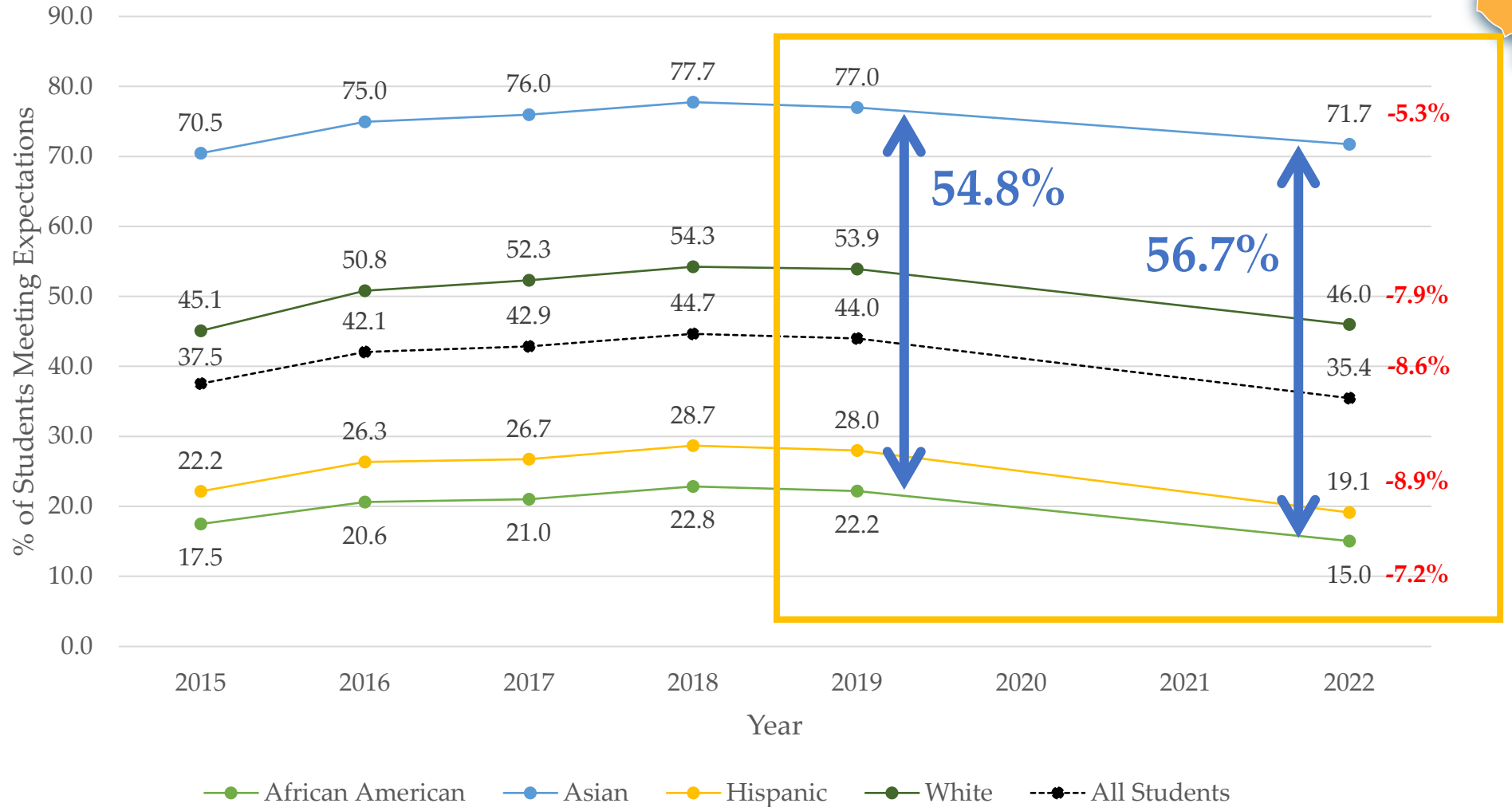




# Math 2015-2022: Student Demographics



The graph shows the percentage of students in each student group meeting expectations in all grades across Mathematics state assessments from 2015 through 2022.



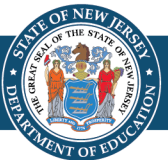
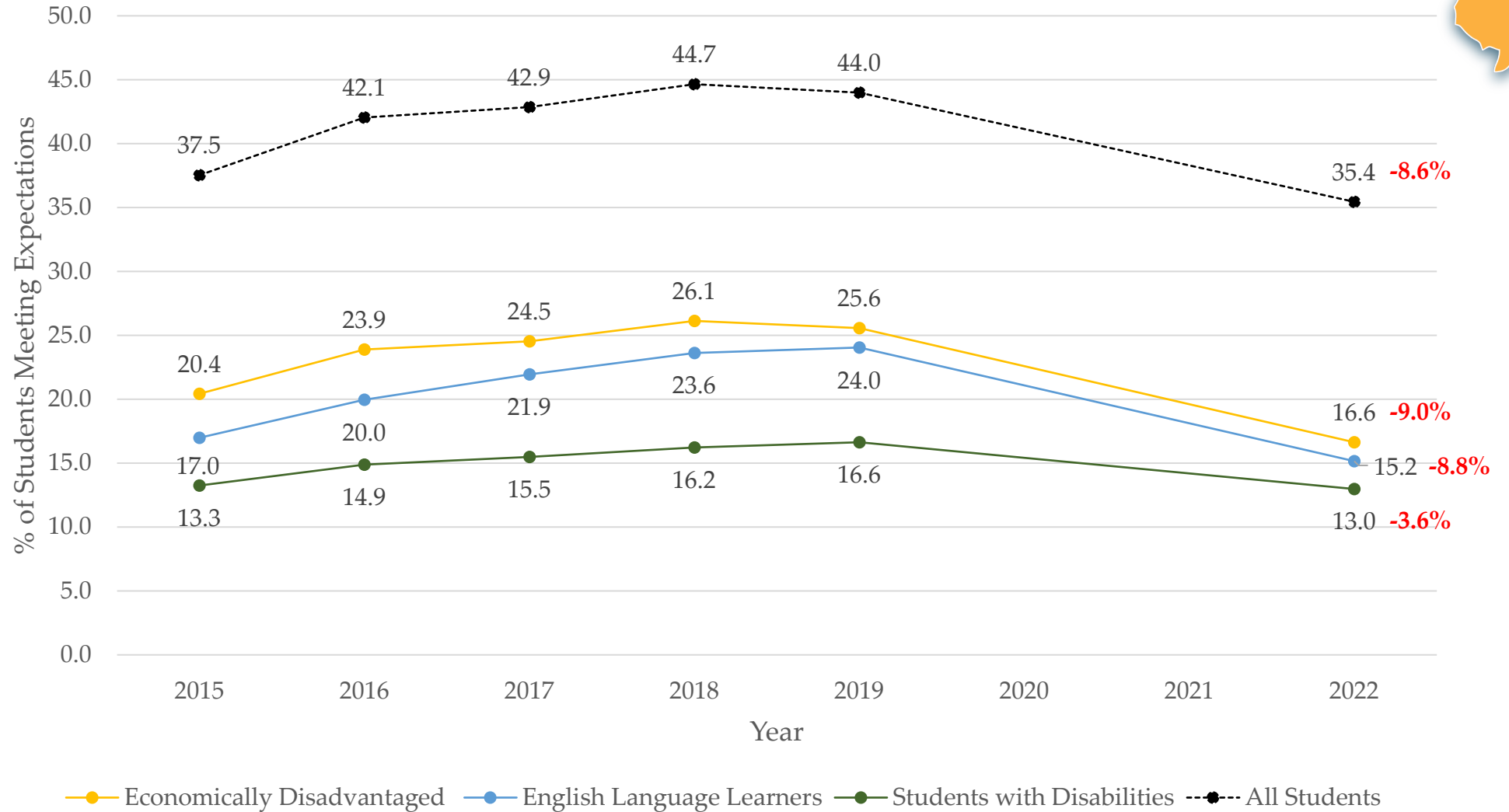
\*State results do not include grade 11 and grade 12 students..



# Math 2015-2022: Student Groups



The graph shows the percentage of students in each student group meeting expectations in all grades across Mathematics state assessments from 2015 through 2022.



\* State results do not include grade 11 and grade 12 students.

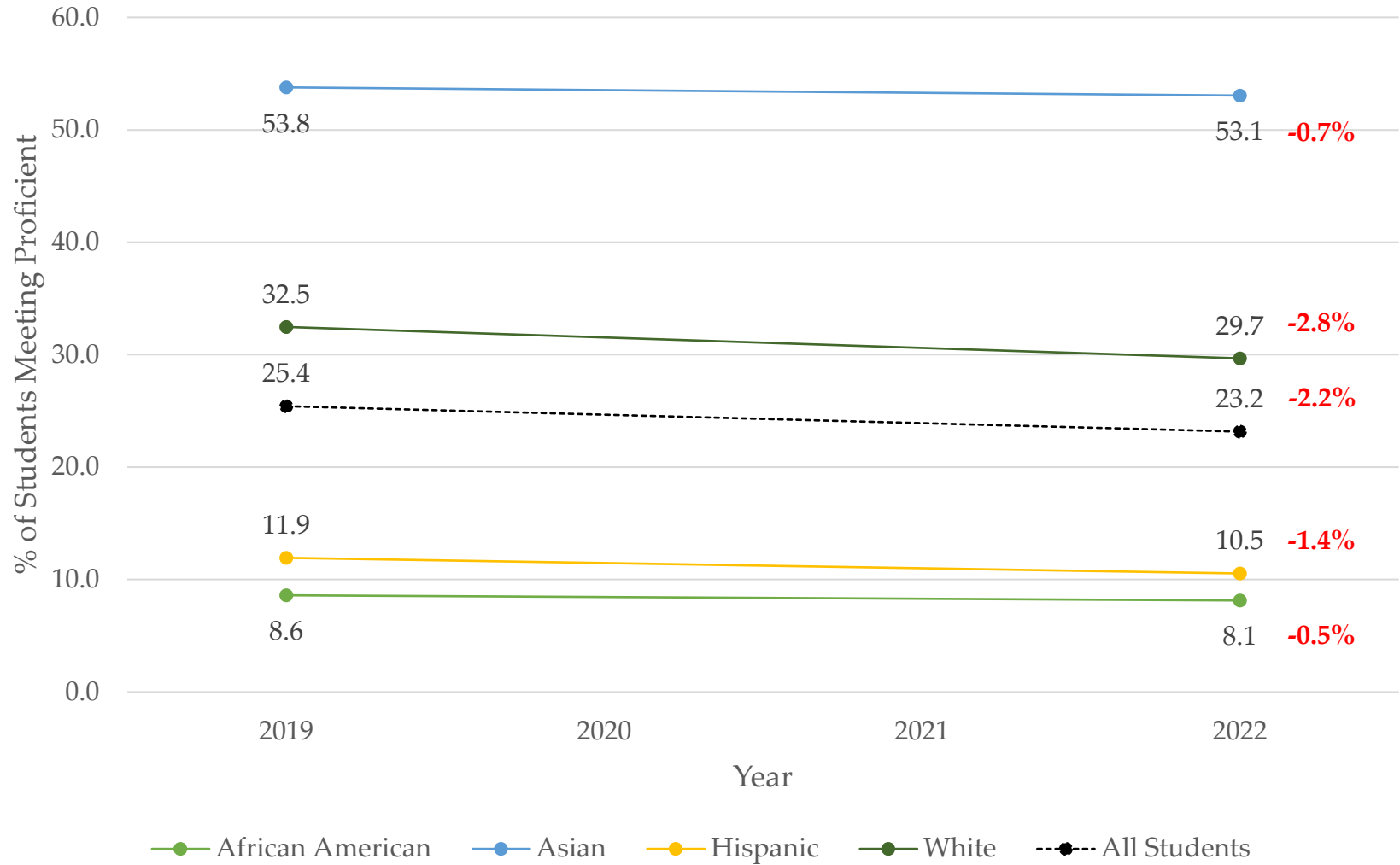




# Science 2019 and 2022: Student Demographics



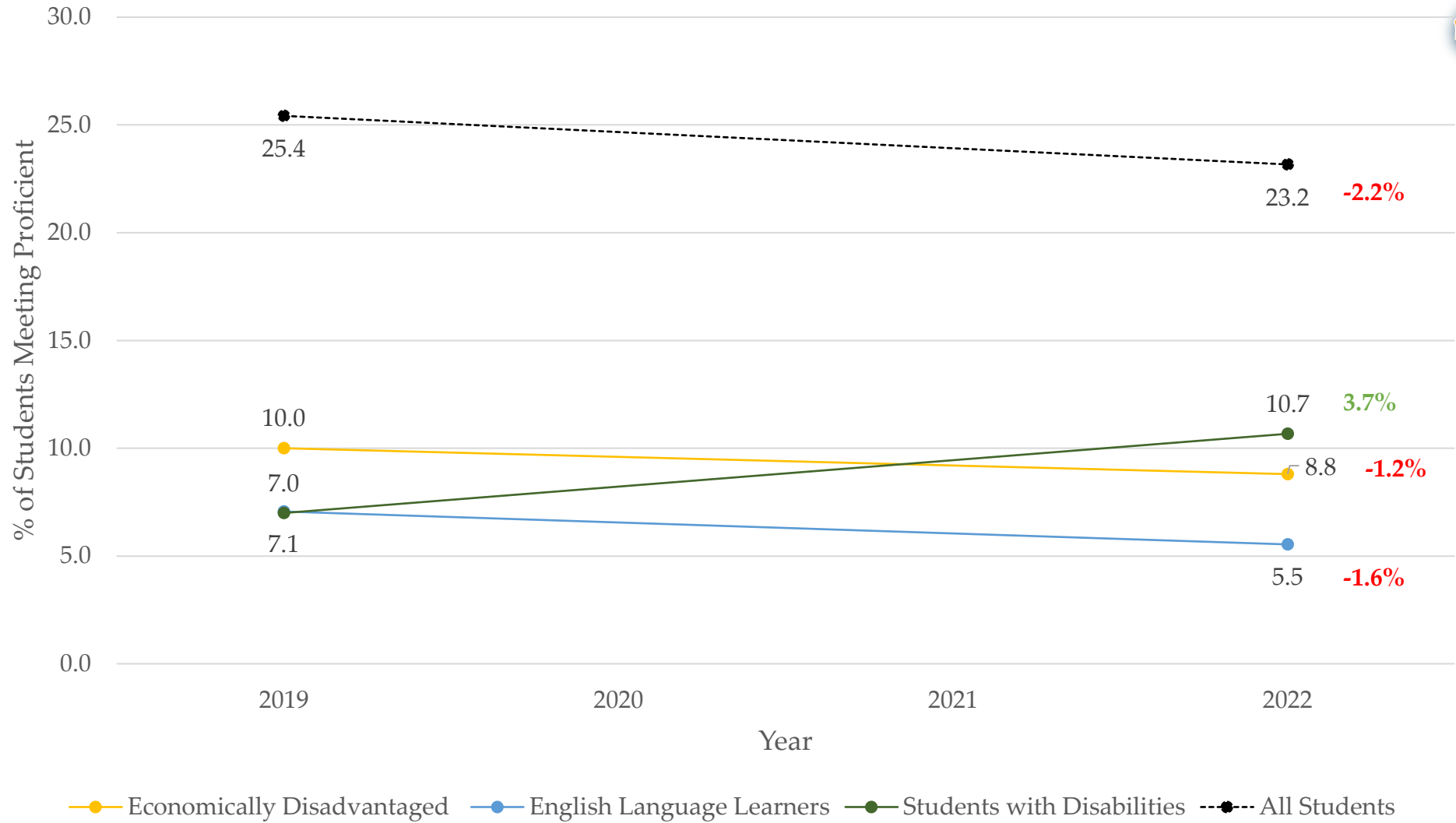
The graph shows the percentage of students in each demographic group meeting proficiency in all grades across Science state assessments from 2019 and 2022.



# Science 2019 and 2022: Student Groups



The graph shows the percentage of students in each student group meeting proficient in all grades across Science state assessments from 2019 and 2022.





# 2022 National Assessment Landscape





# National Assessment of Educational Progress (NAEP) Results for 9-year-olds

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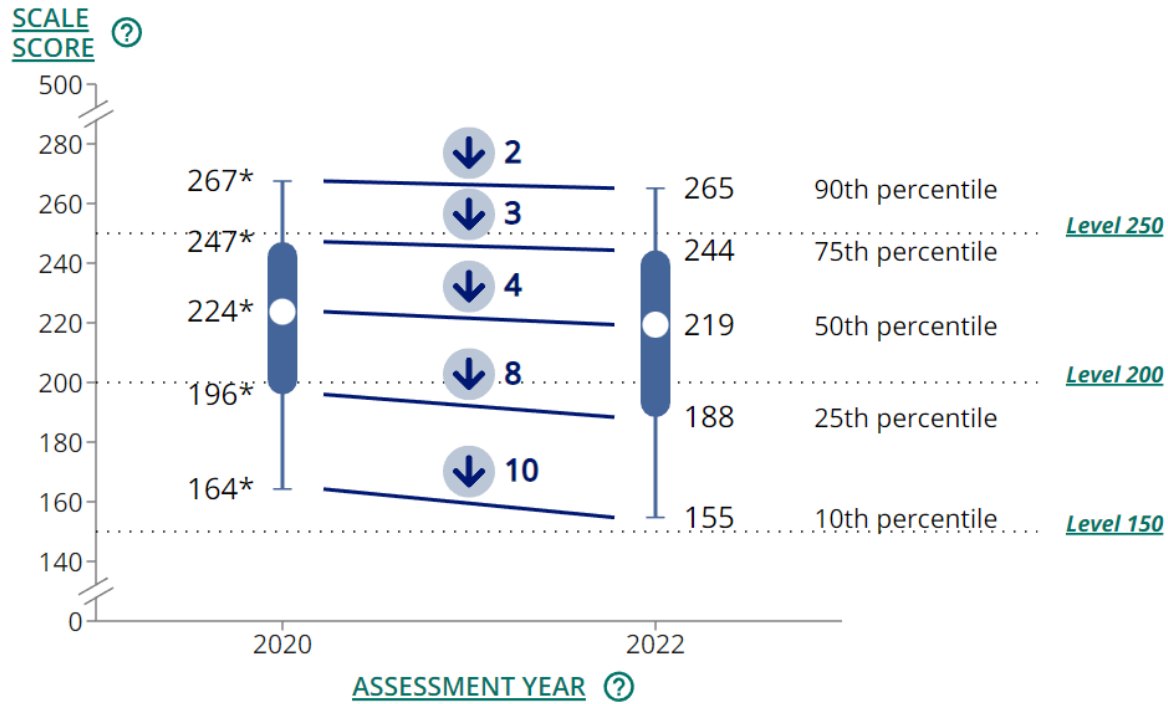


- Comparing results from 2022 to 2020:
- First ever drop in mathematics.
  - Mathematics performance decreased by seven points.
- Largest ever drop in reading.
  - Reading performance decreased by five points.

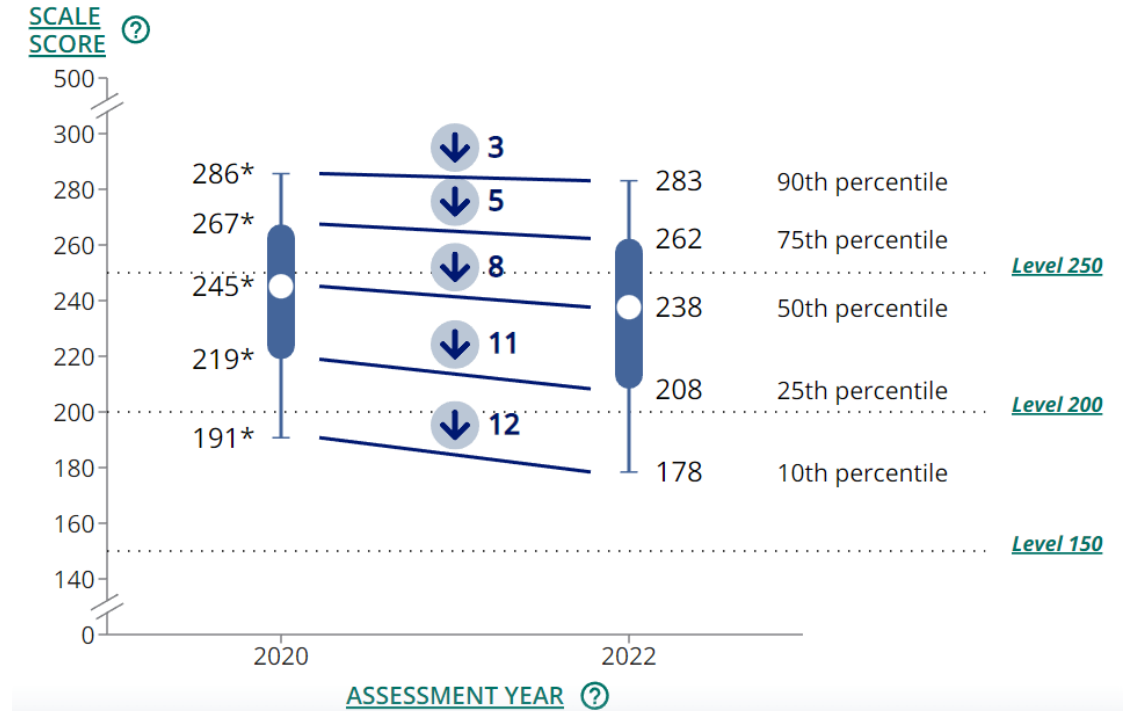
# NAEP Results for 9-year-olds by Percentile



## READING



## MATHEMATICS



# NAEP Grade 4 Reading Ranking



## New Jersey State Comparisons Data

Reading, Grade 4  
Difference in between all jurisdictions and New Jersey, for All students [TOTAL], 2022

Click on column headers to sort data by scores for a student group or score differences

CHANGE TABLE FORMAT OPTIONS

Order ▲▼	Jurisdiction ▲▼	Difference from New Jersey (NJ) ▲▼	NUMBER OF JURISDICTIONS			ACHIEVEMENT LEVEL PERCENTAGES
			Higher ▲▼	Not significantly different ▲▼	Lower ▲▼	At or above Proficient ▲▼
1	DoDEA	+12 ▲	0	0	51	50
2	Massachusetts	+5 ◆	1	4	46	43
3	Florida	+1 ◆	1	17	33	39
4	Wyoming	# ◆	1	18	32	38
†	<b>New Jersey</b>	†	1	25	25	38
5	Colorado	# ◆	2	20	29	38
6	New Hampshire	-1 ◆	1	31	19	37
7	Utah	-1 ◆	2	28	21	37
8	Hawaii	-3 ◆	2	36	13	35
9	Connecticut	-3 ◆	2	38	11	35

- In 2022, New Jersey ranks 5<sup>th</sup> in the nation.
- In 2019, New Jersey ranked 3<sup>rd</sup> in the nation.



# NAEP Grade 4 Mathematics Ranking



## New Jersey State Comparisons Data

Mathematics, Grade 4

Difference in between all jurisdictions and New Jersey, for All students [TOTAL], 2022

Click on column headers to sort data by scores for a student group or score differences

CHANGE TABLE FORMAT OPTIONS

Order	Jurisdiction	Difference from New Jersey (NJ)	NUMBER OF JURISDICTIONS			ACHIEVEMENT LEVEL PERCENTAGES
			Higher	Not significantly different	Lower	At or above Proficient
1	DoDEA	+12 ↑	0	0	52	51
2	Wyoming	+5 ◆	1	14	37	44
3	Nebraska	+4 ◆	1	16	35	43
4	Wisconsin	+3 ◆	1	16	35	43
5	Massachusetts	+3 ◆	1	18	33	43
6	Utah	+3 ◆	1	19	32	42
7	Florida	+1 ◆	1	24	27	41
8	Minnesota	+1 ◆	1	26	25	41
9	Iowa	+1 ◆	1	26	25	40
10	North Dakota	+1 ◆	1	24	27	40
11	South Dakota	+1 ◆	1	26	25	40
12	Pennsylvania	+1 ◆	1	26	25	40
13	Ohio	+1 ◆	1	26	25	40
14	New Hampshire	+1 ◆	1	26	25	40
15	Indiana	# ◆	1	29	22	40
†	New Jersey	†	1	31	20	39

- In 2022, New Jersey ranks 16<sup>th</sup> in the nation.
- In 2019, New Jersey ranked 4<sup>th</sup> in the nation.



# NAEP Grade 8 Reading Ranking



## New Jersey State Comparisons Data

Reading, Grade 8  
Difference in between all jurisdictions and New Jersey, for All students [TOTAL], 2022

Click on column headers to sort data by scores for a student group or score differences

CHANGE TABLE FORMAT OPTIONS

Order ▲▼	Jurisdiction ▲▼	Difference from New Jersey (NJ) ▲▼	NUMBER OF JURISDICTIONS			ACHIEVEMENT LEVEL PERCENTAGES
			Higher ▲▼	Not significantly different ▲▼	Lower ▲▼	At or above Proficient ▲▼
1	DoDEA	+13 ▲	0	0	51	55
†	New Jersey	†	1	1	49	42
2	Massachusetts	-2 ◆	1	3	47	40
3	Utah	-6 ▼	2	19	30	36
4	Connecticut	-7 ▼	2	21	28	35
5	Vermont	-7 ▼	3	20	28	34
6	Colorado	-7 ▼	3	22	26	34
7	Ohio	-8 ▼	3	33	15	33
8	New Hampshire	-9 ▼	3	33	15	33
9	Maryland	-9 ▼	3	32	16	33

- In 2022, New Jersey ranks 2<sup>nd</sup> in the nation.
- In 2019, New Jersey ranked 3<sup>rd</sup> in the nation.





# NAEP Grade 8 Mathematics Ranking



## New Jersey State Comparisons Data

Mathematics, Grade 8  
Difference in between all jurisdictions and New Jersey, for All students [TOTAL], 2022

Click on column headers to sort data by scores for a student group or score differences

CHANGE TABLE FORMAT OPTIONS

Order ▲▼	Jurisdiction ▲▼	Difference from New Jersey (NJ) ▲▼	NUMBER OF JURISDICTIONS			ACHIEVEMENT LEVEL PERCENTAGES
			Higher ▲▼	Not significantly different ▲▼	Lower ▲▼	At or above Proficient ▲▼
1	DoDEA	+8 ▲	0	0	52	41
2	Massachusetts	+2 ◆	1	9	42	35
3	Utah	+1 ◆	1	10	41	35
4	Wisconsin	# ◆	1	12	39	33
†	<b>New Jersey</b>	†	1	12	39	33
5	Idaho	-1 ◆	1	17	34	32
6	South Dakota	-1 ◆	1	16	35	32
7	Minnesota	-2 ◆	1	20	31	32
8	Wyoming	-2 ◆	1	20	31	31
9	Virginia	-2 ◆	1	22	29	31

- In 2022, New Jersey ranks 5<sup>th</sup> in the nation.
- In 2019, New Jersey ranked 3<sup>rd</sup> in the nation.



# 2022 NAEP Results



Percent of Students At or Above Proficient for New Jersey and the Nation

	NJ 2019	NJ 2022	NJ Change	National 2019	National 2022	National Change	Change of NJ compared to National change
Mathematics Grade 4	48	39	↓ 9	40	35	↓ 5	↓ 4
Mathematics Grade 8	44	33	↓ 11	33	26	↓ 7	↓ 4
Reading Grade 4	42	38	↓ 4	34	32	↓ 2	↓ 2
Reading Grade 8	43	42	↓ 1	32	29	↓ 3	↑ 2





# Assessment Summary



- The global Covid-19 pandemic had a negative impact on the 2022 NJSLA results.
- Educators are credited with providing their students with social, emotional, and academic supports during a historically challenging time caused by the Covid-19 public health emergency.
- New Jersey's state-wide testing results are mostly consistent with national trends.
- The Department will triangulate data from the 2022 Clearinghouse Survey with 2022 NJSLA data for schools that demonstrated gains over their 2019 assessment results in conjunction with interviews to identify promising practices for duplication and expansion across our State to exponentially accelerate learning for each of the 1.4 million students we serve.