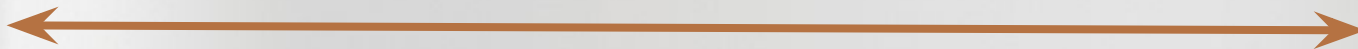




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# West Windsor–Plainsboro Regional School District



NJGPA, NJSLA, AP, ACT, SAT, DLM, & ACCESS  
Testing Report 2022-2023

Barbara Gould Ed.D.



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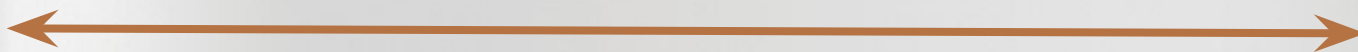
## *Today's Agenda*

- **HS Graduation Pathways**
- **NJGPA Data, District Strengths, and Supports/Interventions**
- **NJSLA Data, District Strengths, and Supports/Interventions**
- **AP, ACT, SAT Data, District Strengths**
- **DLM, Access District Strengths, and Supports/Interventions**



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# West Windsor–Plainsboro Regional School District



Graduation Pathways



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## Class of 2024 Graduation Pathways Requirements

This section reflects the high school graduation assessment requirements for the class of 2024, which were updated May 2023.

### **In English Language Arts (ELA), students must demonstrate proficiency:**

1. On New Jersey Graduation Proficiency Assessment ELA  $\geq 725$ ; or
2. By meeting the designated cut score on a substitute competency test such as other high school-level NJSLA assessments, the SAT, ACT, or ACCUPLACER as defined in Pathway 2; or
3. By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

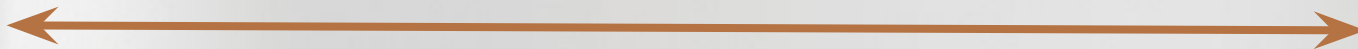
### **In Mathematics, students must demonstrate proficiency:**

1. On New Jersey Graduation Proficiency Assessment MATH  $\geq 725$ ; or
2. By meeting the designated cut score on a substitute competency test such as other high school-level NJSLA/PARCC assessments, the SAT, ACT, or ACCUPLACER as defined in Pathway 2; or
3. By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.



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# West Windsor–Plainsboro Regional School District



NJGPA



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*NJGPA*

## Proficiency levels

**N  
J  
G  
P  
A**

<b>Not Yet Graduation Ready</b>	<b>Graduation Ready</b>
Level 1	Level 2
650-724	725-850



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# Mathematics

	Number of Valid Scores	Average Scale Score	Mathematics Performance Levels			
			Not Yet Graduation Ready		Graduation Ready	
			#	%	#	%
State	99,012	734	44,513	45%	54,499	55%
District	767	780	58	8%	709	92%



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# English Language Arts ELA

N  
J  
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A

	Number of Valid Scores	Average Scale Score	ELA Performance Levels			
			Not Yet Graduation Ready		Graduation Ready	
			#	%	#	%
State	98,329	765	19,221	20%	79,108	81%
District	766	806	24	3%	742	97%

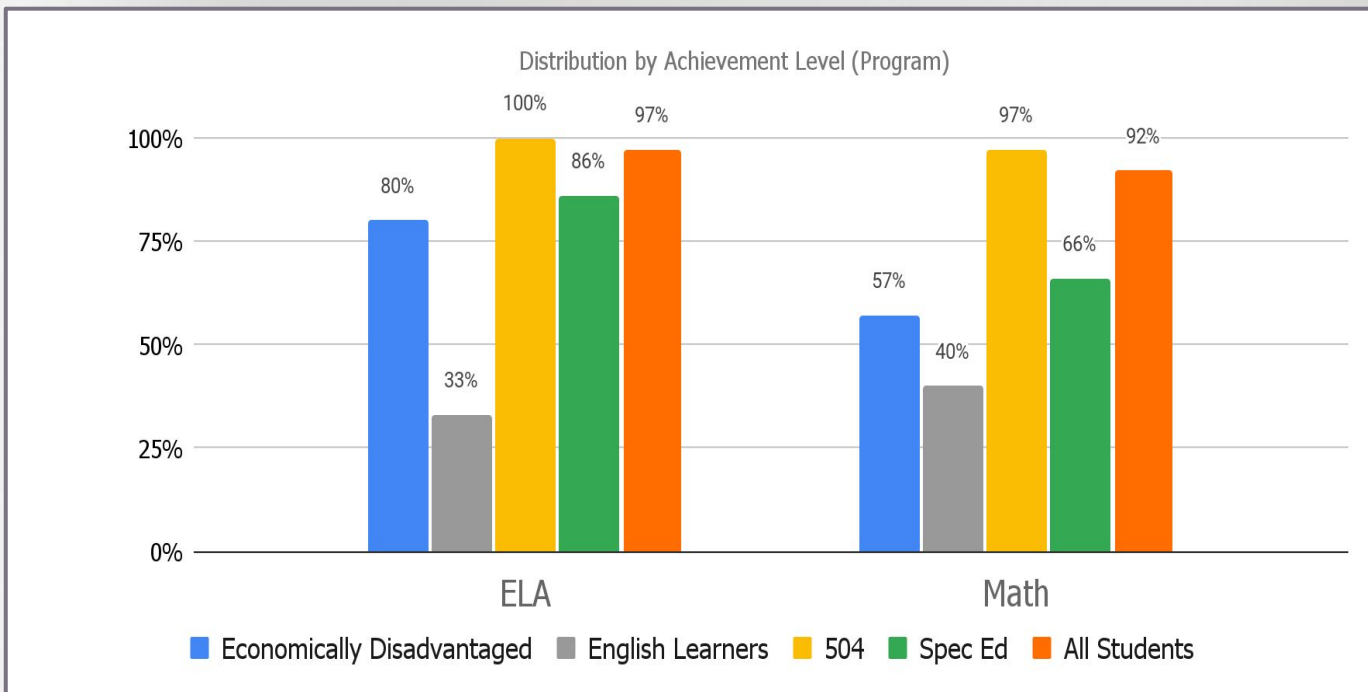




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# District Demographic Data



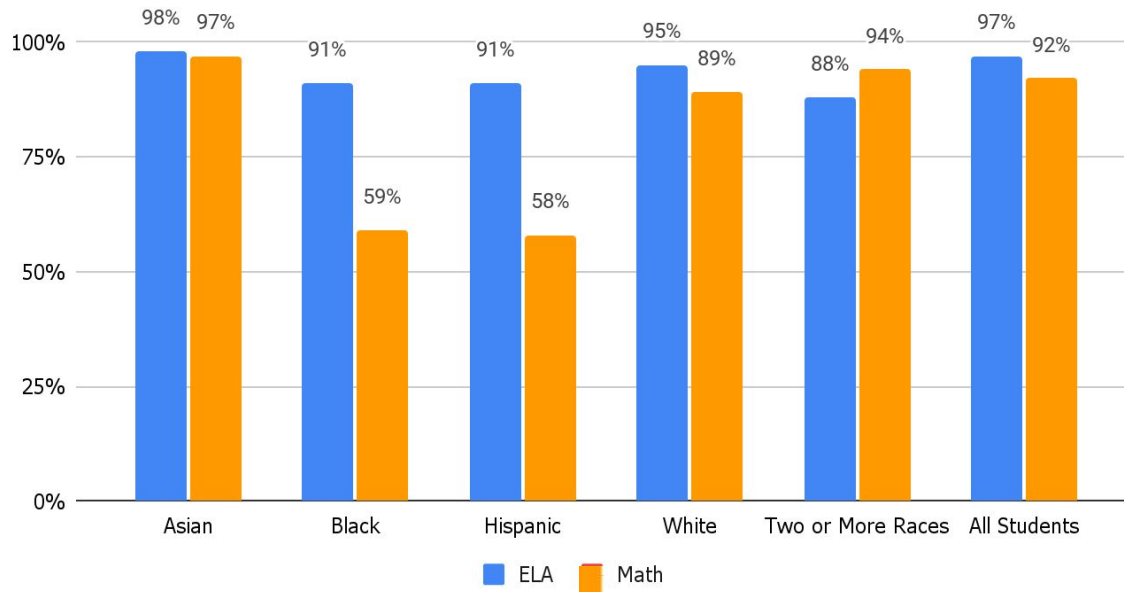


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# District Demographic Data

NJGPA Distribution by Achievement Level (Race)





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**N  
J  
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## *District Strengths*

- In Mathematics, our students have achieved a proficiency rate of 92%. Once again, we have exceeded the state average, which stands at 55%.
- In English Language Arts (ELA), our students have demonstrated exceptional skills, achieving a proficiency rate of 97%, far surpassing the state average of 81%.
- In both Mathematics and English Language Arts (ELA), our students receive high-quality instruction with research based curricula that is tied to the NJ Learning Standards. As a district, we have committed to continuously revising and updating our curricula as well as our instructional resources based on students' needs.



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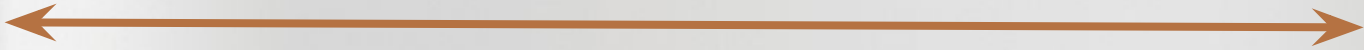
## *Supports & Interventions*

- **Increased curricular support for teachers:**
  - **Curricula rewrite for elementary, middle and high school mathematics courses.**
  - **Ongoing professional development to support differentiation, math instruction, literacy instruction.**
- **Continuous review and analysis of SAT, ACT, and NJGPA scores to identify students at risk for not graduating.**
- **Opportunities for seniors who were identified to retake NJGPA and PSATs in WWP.**
- **Portfolio process for students in order to meet the NJDOE graduation requirements.**



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# West Windsor–Plainsboro Regional School District



NJSLA



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## NJSLA: English Language Arts

The NJSLA- ELA was designed to achieve the following goals:

- Measure student proficiency on the New Jersey Student Learning Standards for English Language Arts (NJSLS-ELA).
- Deliver results that can be used in tandem with local assessments and data to stimulate conversation to improve English Language Arts instruction and student learning.
- Fulfill the federal requirement to administer state ELA assessments to students in grades 3-9.
- Emphasize the importance of close reading, synthesizing ideas within and across texts, determining the meaning of words and phrases in context, and writing effectively when using and/or analyzing sources.





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# ELA and Math

## Proficiency levels

<b>Level 1:</b> Did Not Yet Meet Expectations	<b>Level 2:</b> Partially Met Expectations	<b>Level 3:</b> Approached Expectations	<b>Level 4:</b> Met Expectations	<b>Level 5:</b> Exceeded Expectations
				<b>Passing</b> 



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# ELA

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Grade	Did not meet expectations		Partially met expectations		Approached expectations		Met expectations		Exceeded expectations	
	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	8%	21%	10%	15%	23%	23%	52%	37%	7%	5%
4	5%	13%	6%	15%	16%	21%	44%	37%	30%	15%
5	4%	12%	5%	14%	10%	20%	56%	43%	25%	10%
6	3%	12%	6%	14%	14%	25%	52%	38%	25%	11%
7	4%	12%	4%	13%	10%	20%	40%	33%	43%	23%
8	3%	13%	3%	12%	8%	20%	42%	36%	45%	20%
9*	3%	15%	4%	15%	8%	18%	42%	37%	44%	15%

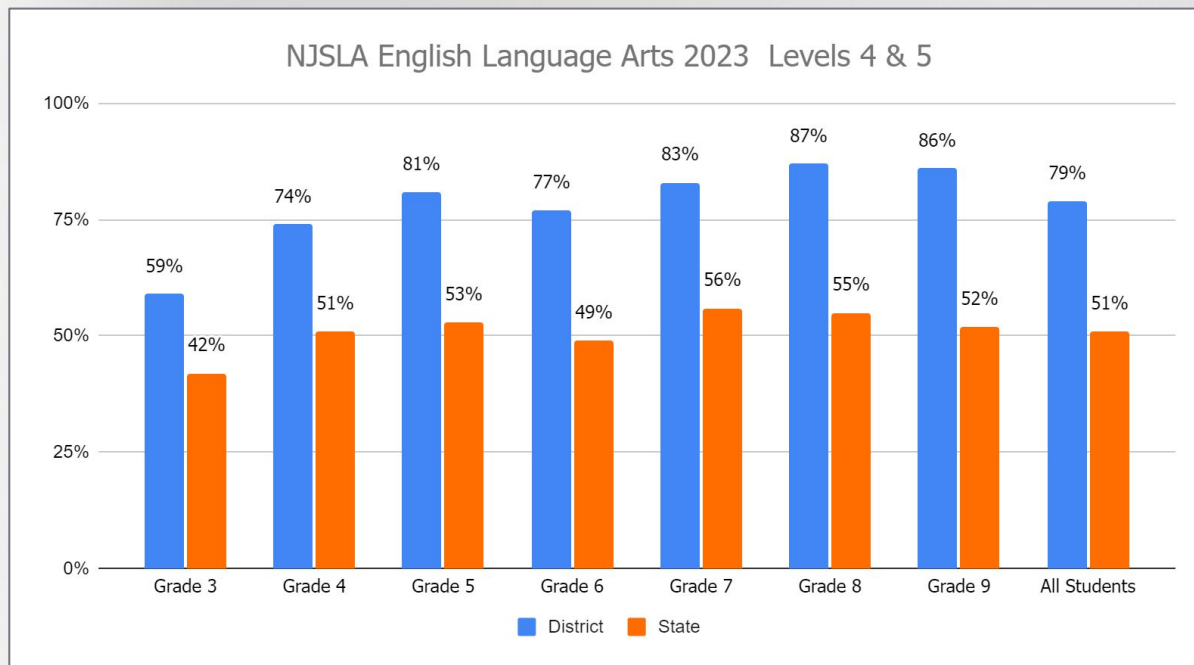




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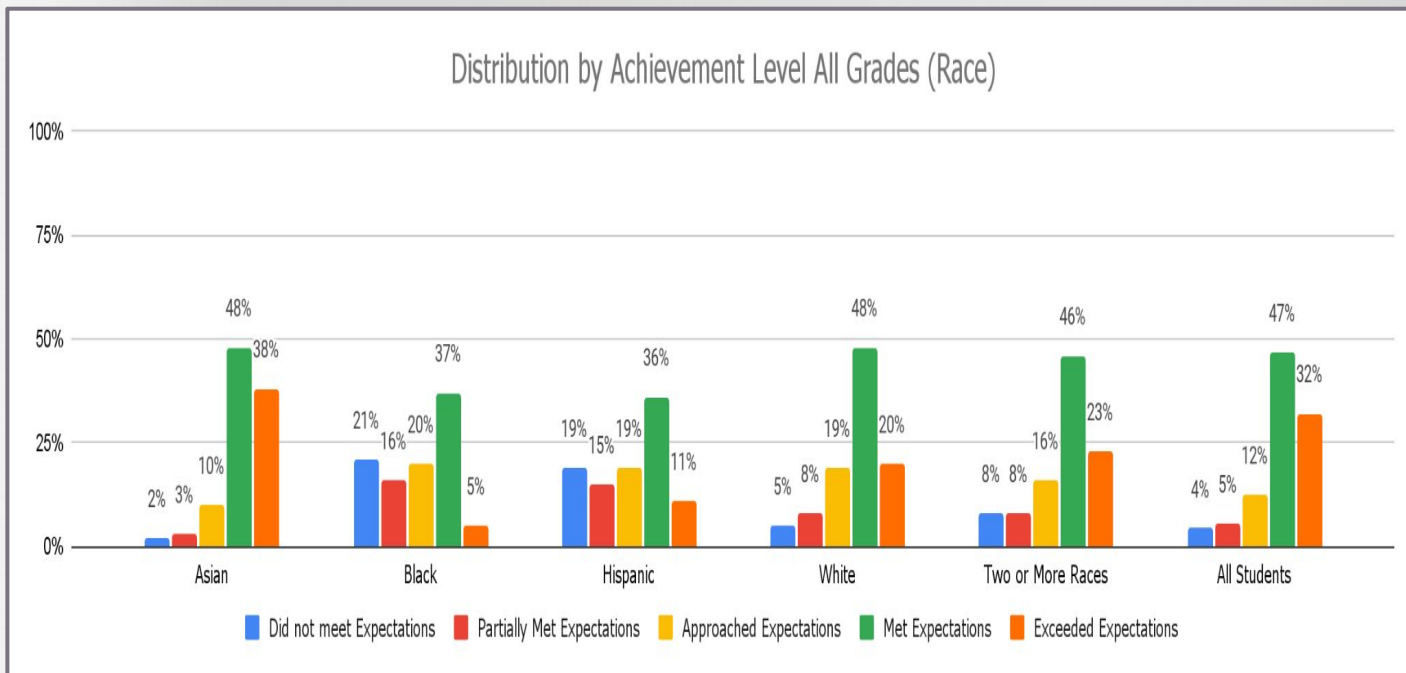
# ELA



\*Percentages may not add up to 100% due to rounding

# District Demographic Data

Distribution by Achievement Level All Grades (Race)



\*Percentages may not add up to 100% due to rounding

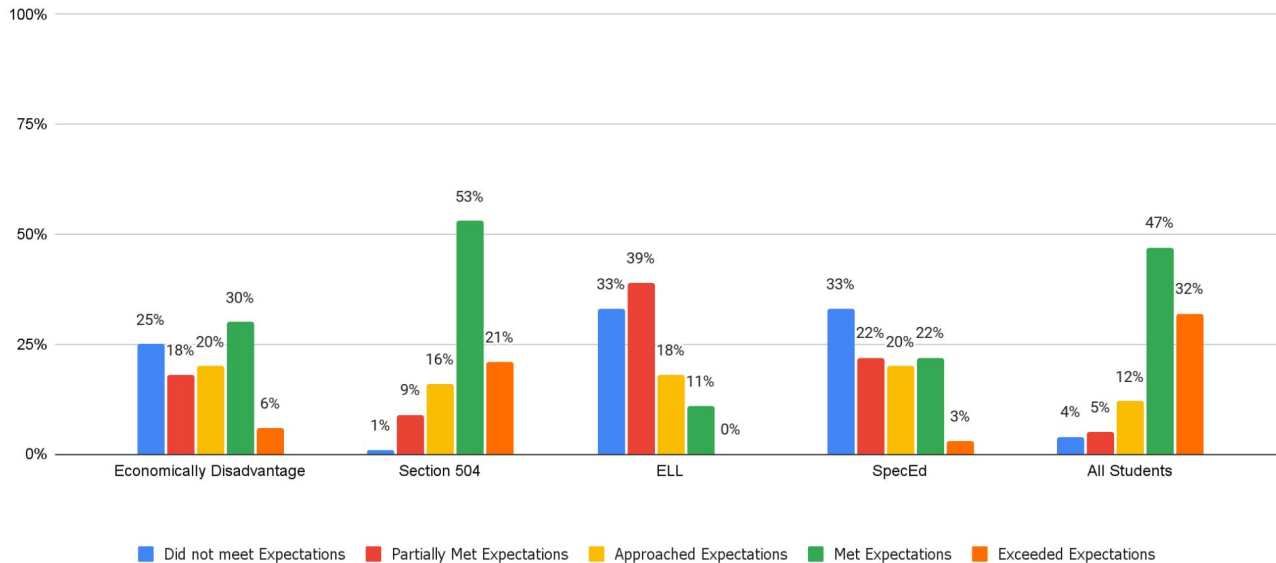


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# District Demographic Data

## ELA Distribution by Achievement Level



\*Percentages may not add up to 100% due to rounding



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## NJSLA: Mathematics

The NJSLA-Mathematics was designed to achieve the following goals:

- Measure student proficiency on the New Jersey Student Learning Standards for Mathematics (NJSLS-M).
- Deliver results that can be used in tandem with local assessments and data to stimulate conversation to improve mathematics instruction and student learning.
- Fulfill the federal requirement to administer state math assessment to students in grades 3-8, Algebra I, Algebra II, and Geometry.
- Assess students' abilities in relation to counting and cardinality, operations and algebraic thinking, number and operations in base ten, measurement and data, number and operation-fractions, and geometry.





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# Mathematics

## Proficiency levels

<b>Level 1:</b> Did Not Yet Meet Expectations	<b>Level 2:</b> Partially Met Expectations	<b>Level 3:</b> Approached Expectations	<b>Level 4:</b> Met Expectations	<b>Level 5:</b> Exceeded Expectations
				<b>Passing</b> 



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# Mathematics

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Grade	Did not meet expectations		Partially met expectations		Approached expectations		Met expectations		Exceeded expectations	
	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%	13%	8%	17%	20%	25%	45%	34%	20%	12%
4	5%	13%	7%	18%	18%	25%	53%	38%	17%	7%
5	6%	13%	6%	21%	15%	26%	46%	31%	28%	9%
6	3%	14%	9%	23%	19%	28%	46%	28%	23%	7%
7	6%	13%	7%	23%	24%	30%	57%	29%	6%	5%
8	45%	34%	30%	27%	18%	21%	8%	17%	0%	1%
Alg 1	4%	16%	12%	26%	16%	23%	52%	30%	16%	5%
Alg 2	4%	16%	11%	14%	20%	16%	57%	44%	9%	10%
Geo	0%	6%	1%	14%	1%	30%	50%	41%	50%	10%

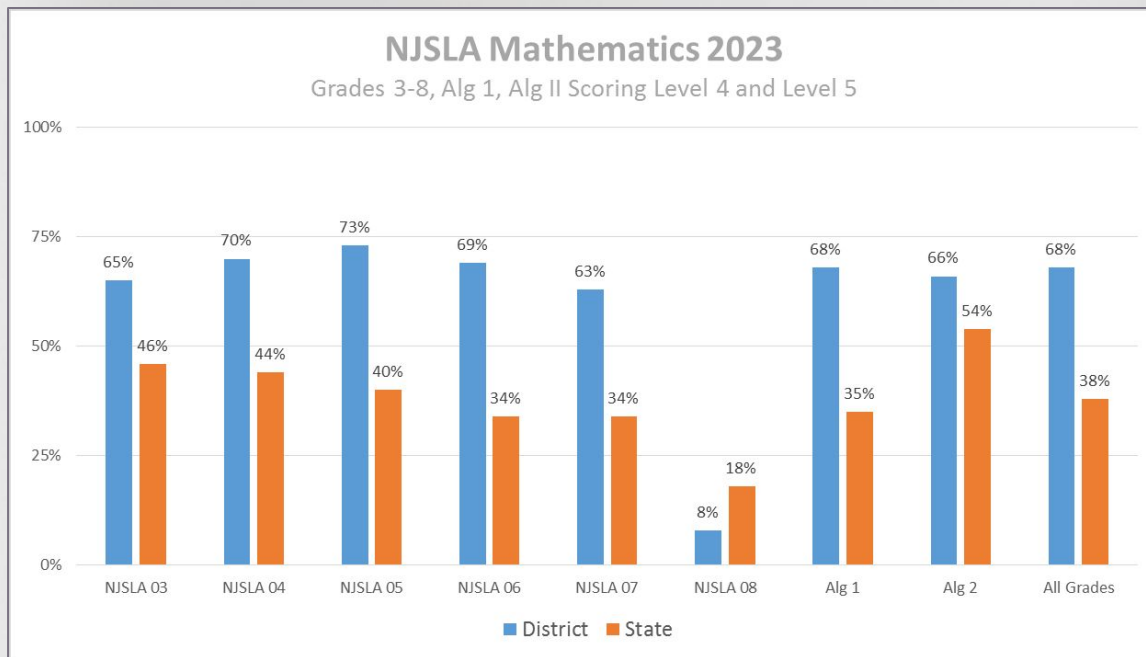
\*About 85% of 8th graders are in Algebra I & take NJSLA



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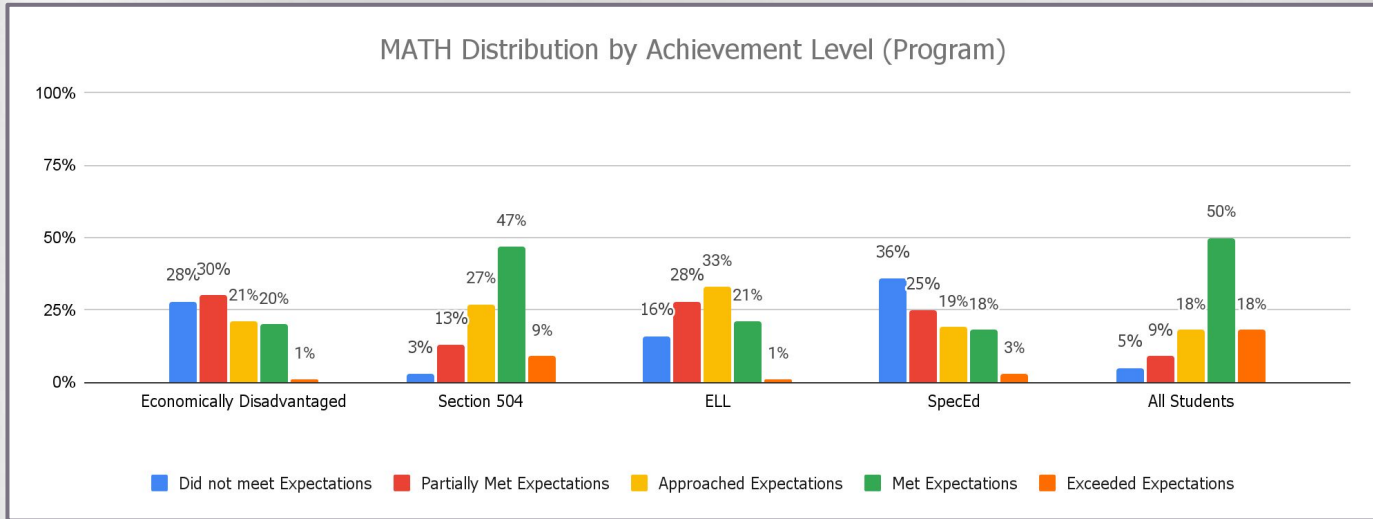
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# Mathematics



\*Percentages may not add up to 100% due to rounding

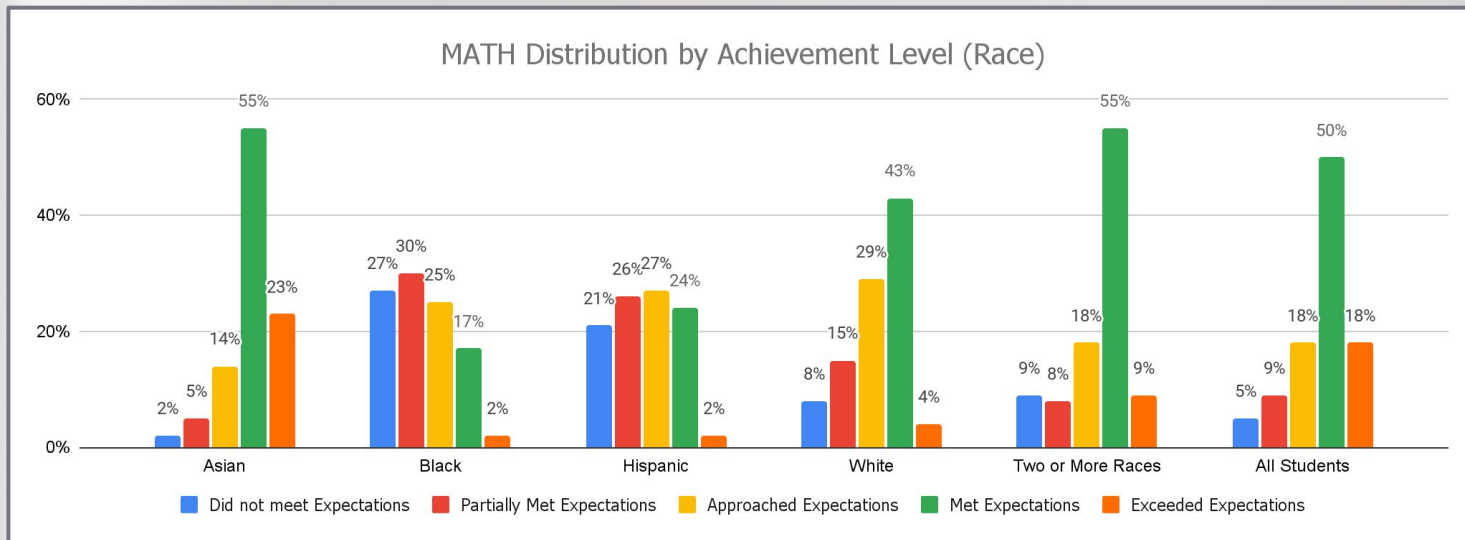
# District Demographic Data Math



\*Percentages may not add up to 100% due to rounding



# District Demographic Data



\*Percentages may not add up to 100% due to rounding

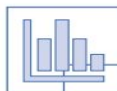
# NJSLA: Science

## Groupings of the Science and Engineering Practices



### Investigating

- Asking questions and defining problems
- Planning and carrying out investigations
- Using mathematical and computational thinking



### Sensemaking

- Developing and using models
- Analyzing and interpreting data
- Constructing explanations and defining solutions



### Critiquing

- Engaging in argument from evidence
- Obtaining, evaluating, and communicating information




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# NJSLA - Science

## Proficiency levels

Level 1 Below Proficient	Level 2 Near Proficiency	Level 3 Proficient	Level 4 Advanced Proficient
			
		Passing	



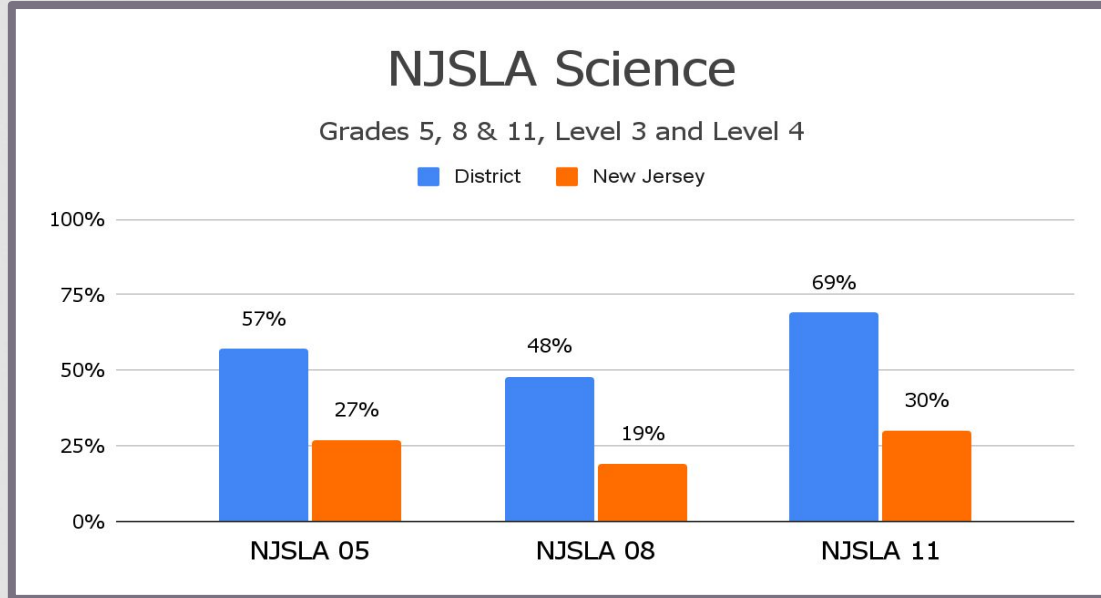
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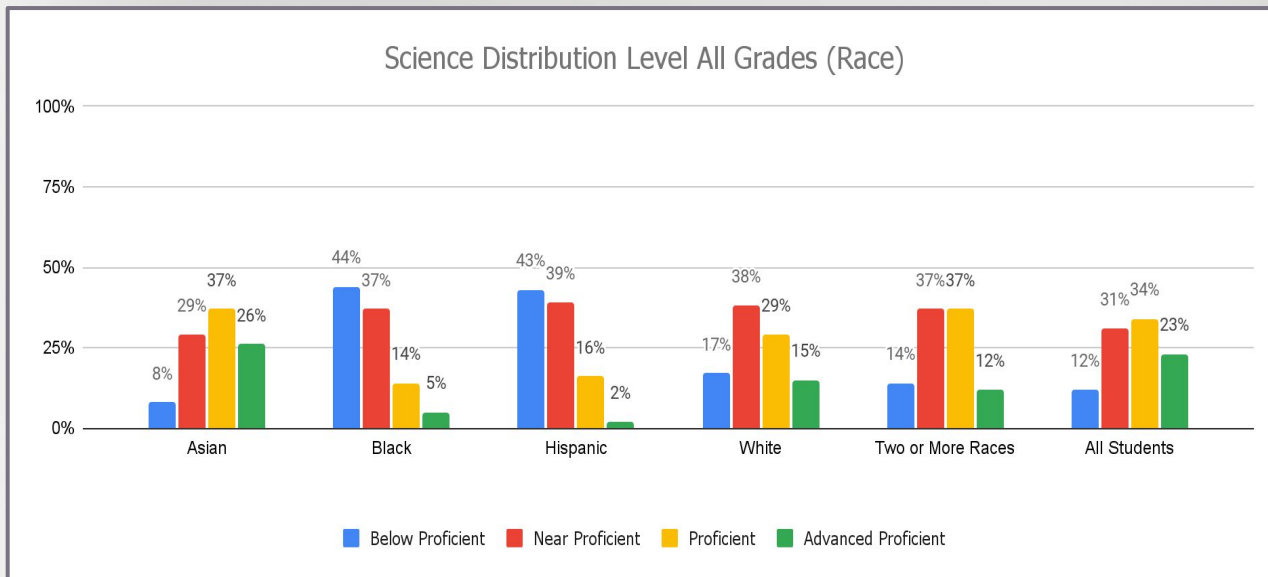
## Science

	Below Proficient		Near Proficient		Proficient		Advanced Proficient	
	Level 1, District	Level 1, State	Level 2, District	Level 2, State	Level 3, District	Level 3, State	Level 4, District	Level 4, State
5	13%	38%	30%	35	39%	21%	18%	6%
8	12%	40%	40%	42%	30%	14%	18%	4%
11	13%	44%	18%	26%	33%	22%	36%	8%

# Science

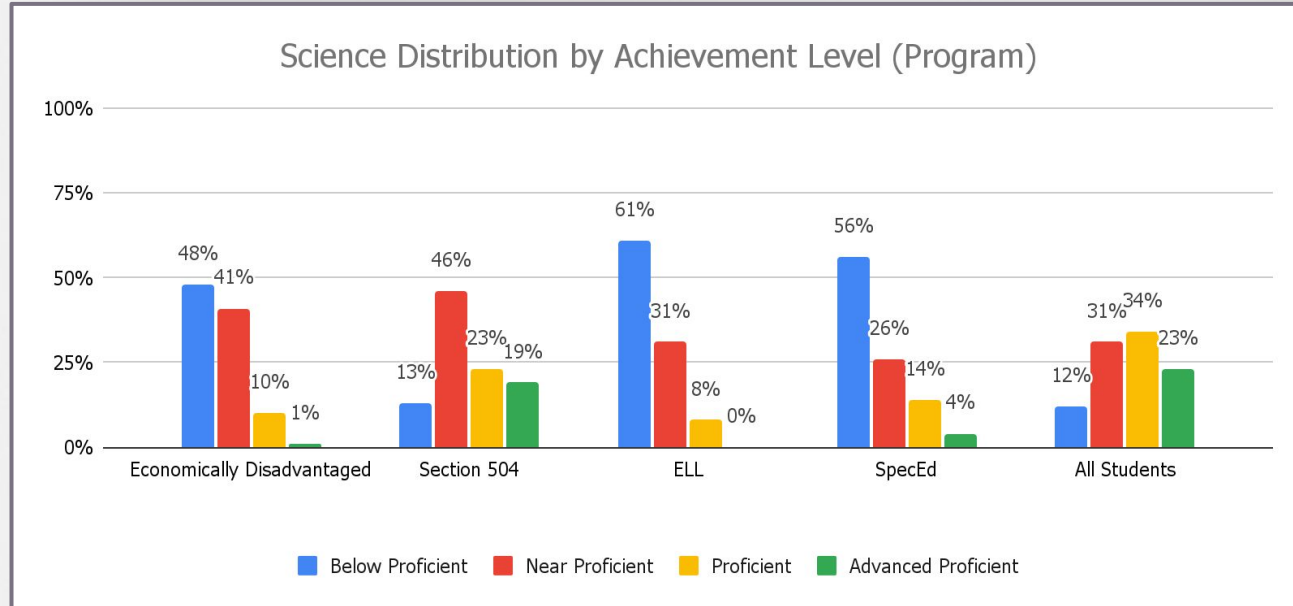


# District Demographic Data Science



\*Percentages may not add up to 100% due to rounding

# District Demographic Data Science



\*Percentages may not add up to 100% due to rounding



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## *District Strengths*

- Overall, WWP students achieved proficiency rates exceeding the state average across all grade levels and content areas.
- Strong curricula, aligned to NJSLA Standards, with research-based instructional strategies, and appropriate resources support high levels of proficiency.
- Ongoing professional development opportunities throughout the year available to staff through external consultants, Teacher Resource Specialists for Curriculum and Instruction, teachers leaders, Supervisors, and Administration increases staff collective efficacy.





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## Supports & Interventions

- Pilot Program for Multi-Tiered Systems of Support Model (Hawk, Wicoff, South, CMS, MRS) with full implementation 2024-2025.
- Teacher Resource Specialists, Instructional coaches K-8, to support teachers and students in instruction and intervention.
- Consistent implementation of Universal Screeners to assess student growth towards reading and mathematics standards through the use NWEA Growth and Fluency Screener. These Universal Screeners will enable the district to continuously monitor student progress, create action plans based on data, and identify students who may benefit from additional support.
- Orton-Gillingham training for TRS with focus on reading intervention in order to increase repertoire of strategies and resources available to students needing reading support.
- Implementation of Bridges mathematics curricular resource K-5 which includes differentiated materials for a variety of learners.
- Hiring and retaining highly qualified teachers.
- Equity Strategic Goal Work.



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# West Windsor–Plainsboro Regional School District



AP



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# AP Offerings

AP English Language

AP English Literature

AP Art History

AP Studio Art

AP Calculus BC

AP Statistics

AP Computer Science A

AP Calculus AB

AP Computer Science Principles

AP Biology

AP Chemistry

AP Environmental Science

AP U.S. History

AP American Government

AP Comparative Government &

Global Studies

AP Psychology

AP European History

AP Microeconomics

AP French

AP German

AP Chinese

AP Spanish Literature

AP Spanish Language

## *Advanced Placement*

- AP exams are standardized exams designed to measure how well a student has mastered the content and skill of specific AP courses.
- An AP score is a weighted combination of scores on the multiple-choice and free response sections.
- The final score is reported on a 5 point scale.





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# *AP Results by School*

*High School North and High School South 2022-2023*

<b>AP Exam Score</b>	<b>Recommendation</b>
5	Extremely well qualified
4	Very well qualified
3	Qualified
2	Possibly qualified
1	No recommendation



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# AP Score Summary Spring 2023

## HS North

Scores	1	2	3	4	5	Total Exams
Number of Exams	57	143	295	506	690	1,691
Percentage of Total Exams	3%	8%	17%	30%	41%	100%
Number of AP Students	46	108	223	342	354	

## HS South


Scores	1	2	3	4	5	Total Exams
Number of Exams	73	132	354	549	629	1,737
Percentage of Total Exams	4%	8%	20%	32%	36%	100%
Number of AP Students	62	106	268	379	345	

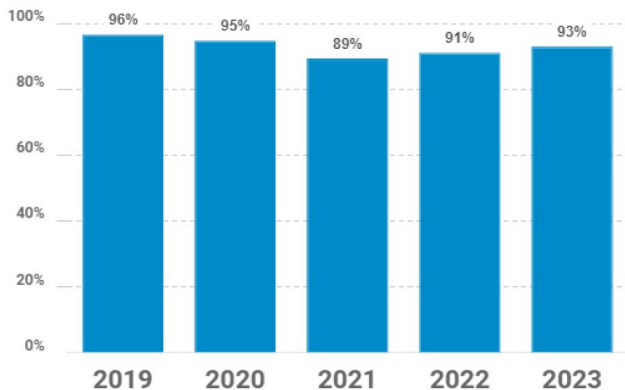


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# HS North

## 5 Year AP Score Summary

 % OF TOTAL AP STUDENTS WITH SCORES 3+



 SCHOOL SUMMARY


	2019	2020	2021	2022	2023
Total AP Students	540	616	633	662	658
Number of Exams	1,341	1,500	1,539	1,644	1,691
AP Students with Scores 3+	521	583	565	602	611
% of Total AP Students with Scores 3+	96.48	94.64	89.26	90.94	92.86

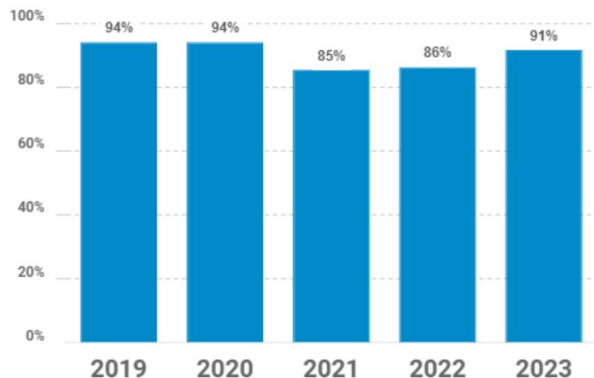


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# HS South

## 5 Year AP Score Summary

 % OF TOTAL AP STUDENTS WITH SCORES 3+



 SCHOOL SUMMARY

	2019	2020	2021	2022	2023
Total AP Students	606	637	660	690	717
Number of Exams	1,454	1,588	1,594	1,607	1,737
AP Students with Scores 3+	569	598	563	594	656
% of Total AP Students with Scores 3+	93.89	93.88	85.30	86.09	91.49

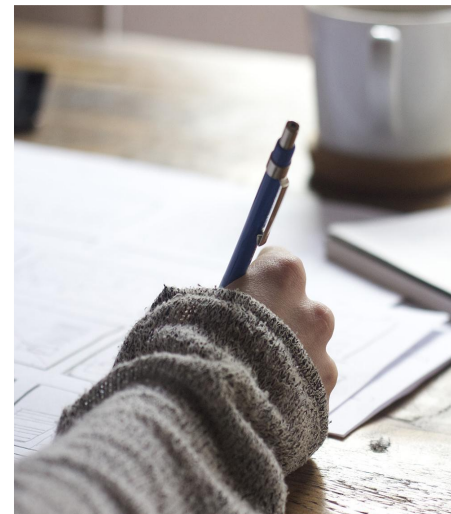




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## *Strengths & Interventions*

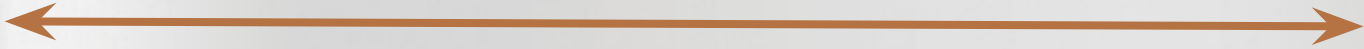
- 82% of 11<sup>th</sup> and 12<sup>th</sup> grade students took at least one AP course in the 2022-2023 school year.
- 92% of 11<sup>th</sup> and 12<sup>th</sup> grade students who took an AP test, scored 3 or above on at least one AP test in the 2022-2023 school year.
- Enhancing accessibility to AP courses.
- Conducting data analysis by course to improve programs.





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# *West Windsor–Plainsboro Regional School District*



ACT Results



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## The ACT Test- American College Test

- The ACT is a standardized test for college admissions.
- The ACT is a 2 hour and 55 minute multiple choice test.
- Students are tested on their critical thinking, interpretation, and analysis in the subjects of English, Math and Science.
- Writing is scored on a scale of 2 to 12.
- Reading and Math is scored on a scale of 1 to 36.



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## ACT Achievement 4 Year Comparison

Year	Composite		Math	Science	STEM	English	Reading	Writing	ELA
	Valid Number	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score
2022-2023	279	28.7	28.8	27.7	28.5	29.2	28.7	8.4	26.3
2021-2022	230	29.0	29.4	27.5	28.7	29.5	28.9	8.7	28.2
2020-2021	297	29.7	30.0	28.7	29.6	30.1	29.7	8.7	29.1
2019-2020	263	29.4	29.7	28.3	29.3	29.8	29.4	8.5	28.4

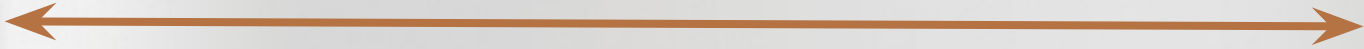
**Math, Science, Stem, English, Reading scale: 1-36**

**Writing Scale: 2-12**



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# *West Windsor–Plainsboro Regional School District*



SAT Results



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## The SAT Test- Scholastic Aptitude Test

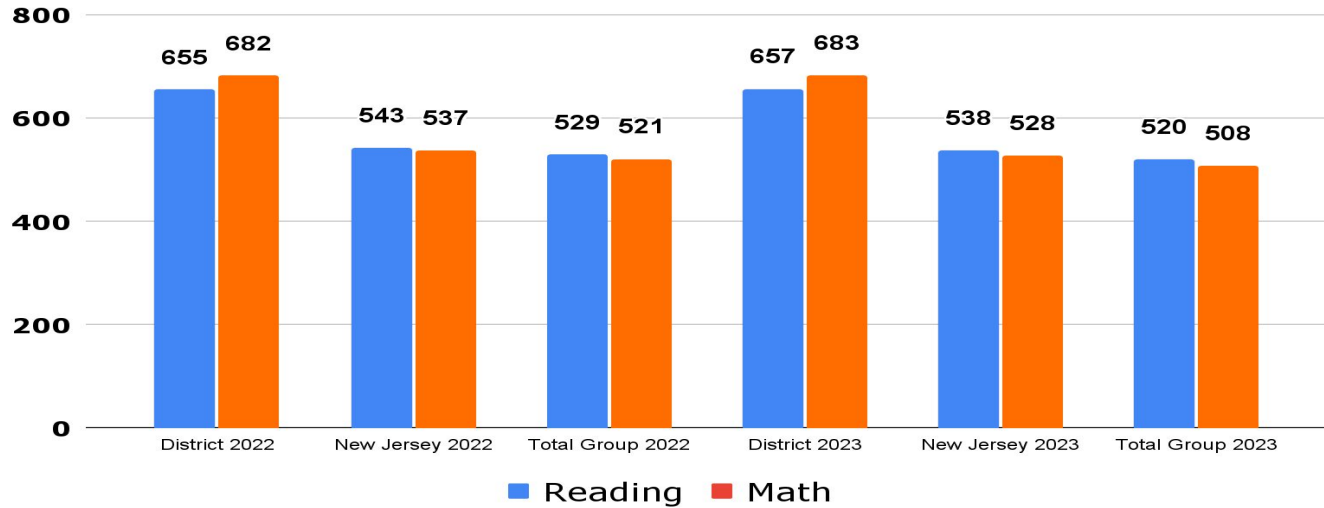
- The SAT is a standardized test for college admissions.
- The SAT is a three-hour multiple-choice test.
- Students are tested on their critical thinking, interpretation, and analysis in the subjects of English and Math.



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# SAT Results 2022-23

## WWP SAT Scores Class of 2022 and 2023





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## SAT Achievement Comparison

Subject	2019	2020	2021	2022	2023
ERW	652	651	653	655	657
Math	687	687	679	682	683

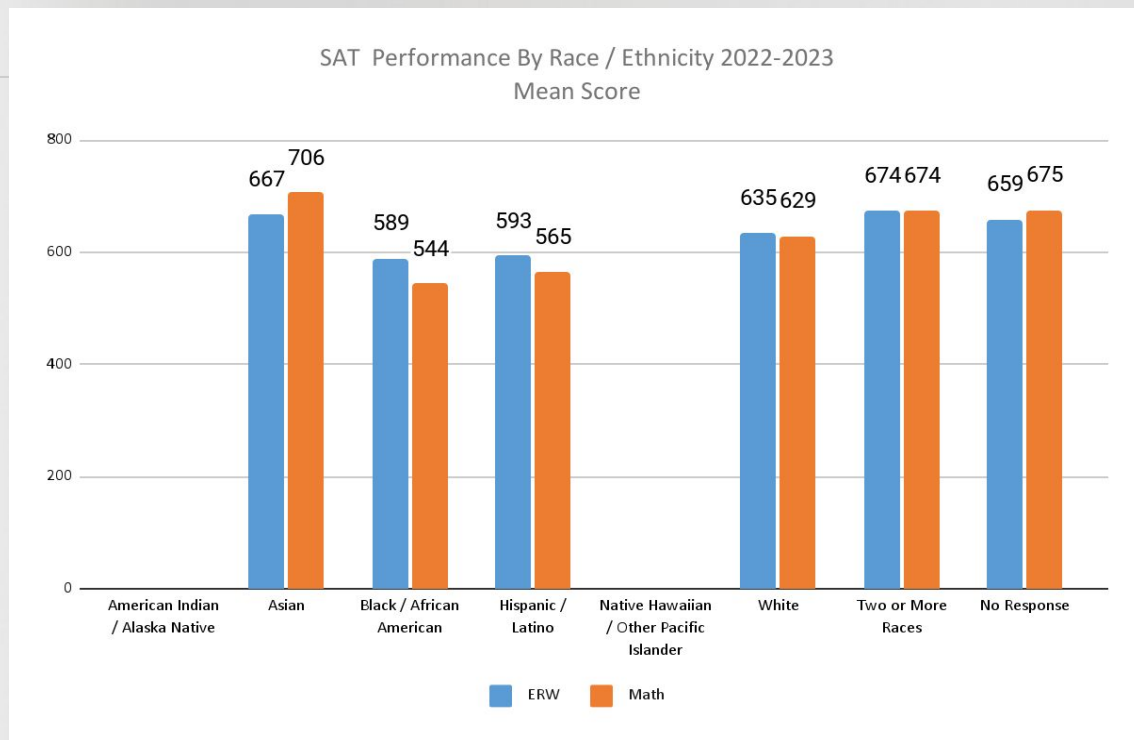






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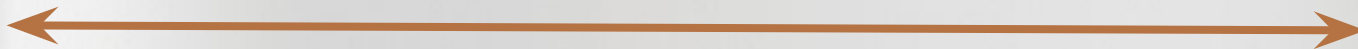
# SAT Performance by Race/Ethnicity 2022-2023





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# *West Windsor–Plainsboro Regional School District*



DLM



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## Dynamic Learning Maps

- DLM is an alternate assessment to NJSLA for students with special needs. The assessment is adaptive and questions are presented based on the students' previous responses.
- DLM in English Language Arts and Mathematics are taken in grades 3-11. Science is taken in grades 5, 8, and 11.
- In 2022-2023 school year, approximately 9 students with disabilities participated in the assessments

<b>Subject Area Tested</b>	<b>Number of Testlets</b>	<b>Approximate length of time, depending on grade level and student's individual needs</b>
English Language Arts	9 testlets	90-135 minutes
Mathematics	6-8 testlets	60-120 minutes
Science	9 testlets	45-125 minutes



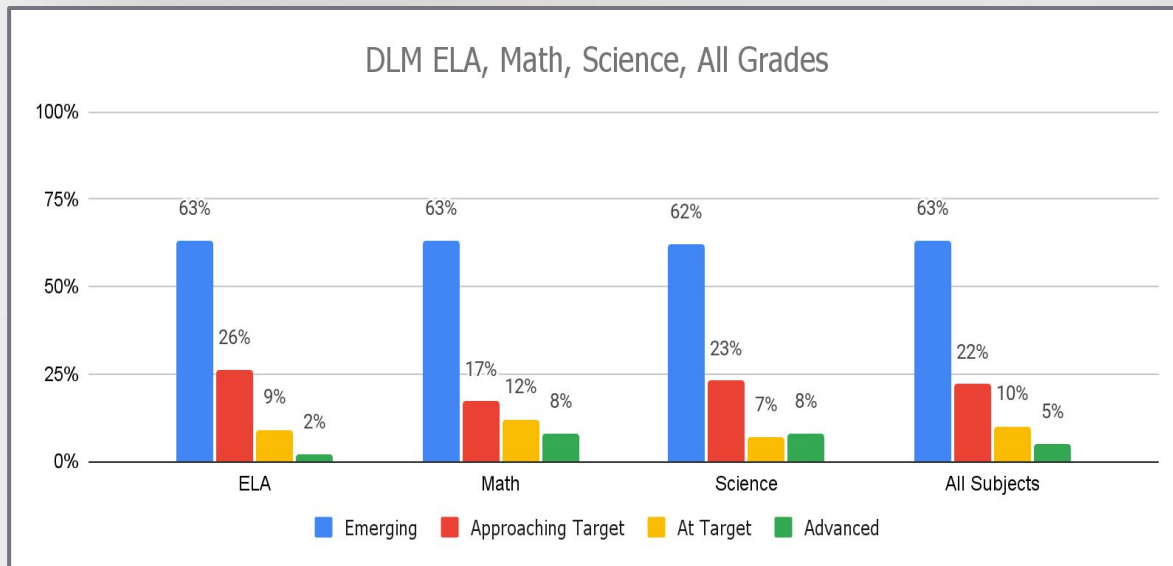
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# Dynamic Learning Maps

## Proficiency levels



# Dynamic Learning Maps

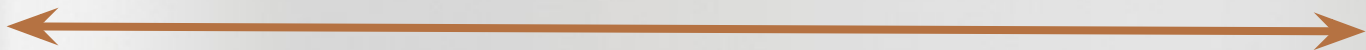


\*Percentages may not add up to 100% due to rounding



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# *West Windsor–Plainsboro Regional School District*



*ACCESS for ELLs  
Assessing Comprehension and Communication in English State-to-State for  
English Language Learners*



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## What is the ACCESS assessment?

- State required assessment in the four skills (reading, writing, speaking and listening) for students receiving ELL services.
- Mostly administered online.
- All English Language Learners, even those who have declined services must sit for ACCESS.
- Teachers use multiple measures including a state mandated cut off score (4.5 of 6) to determine if students exit from or remain in the program.



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## ACCESS Proficiency Levels

ACCESS uses six proficiency levels to delineate the English language acquisition students are able to demonstrate.

<b><u>Level 1:</u></b> Entering	<b><u>Level 2:</u></b> Emerging	<b><u>Level 3:</u></b> Developing	<b><u>Level 4:</u></b> Expanding	<b><u>Level 5:</u></b> Bridging	<b><u>Level 6:</u></b> Reaching
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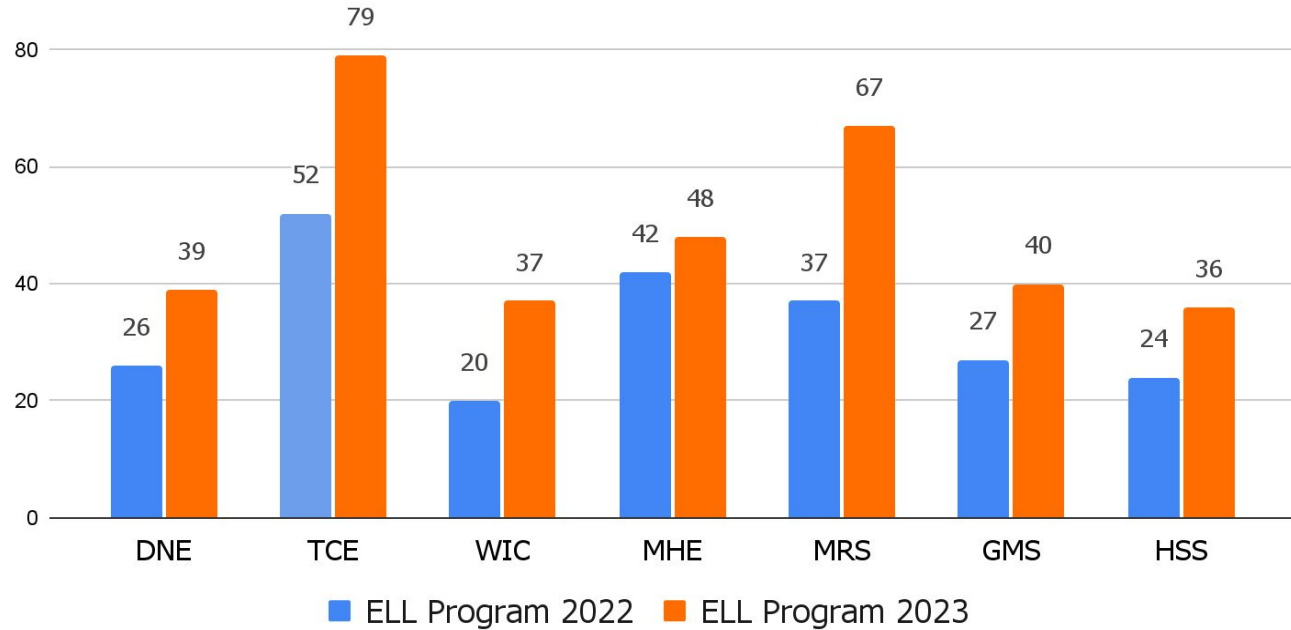




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# English Language Learner Program

## WWP ELL Program Enrollment





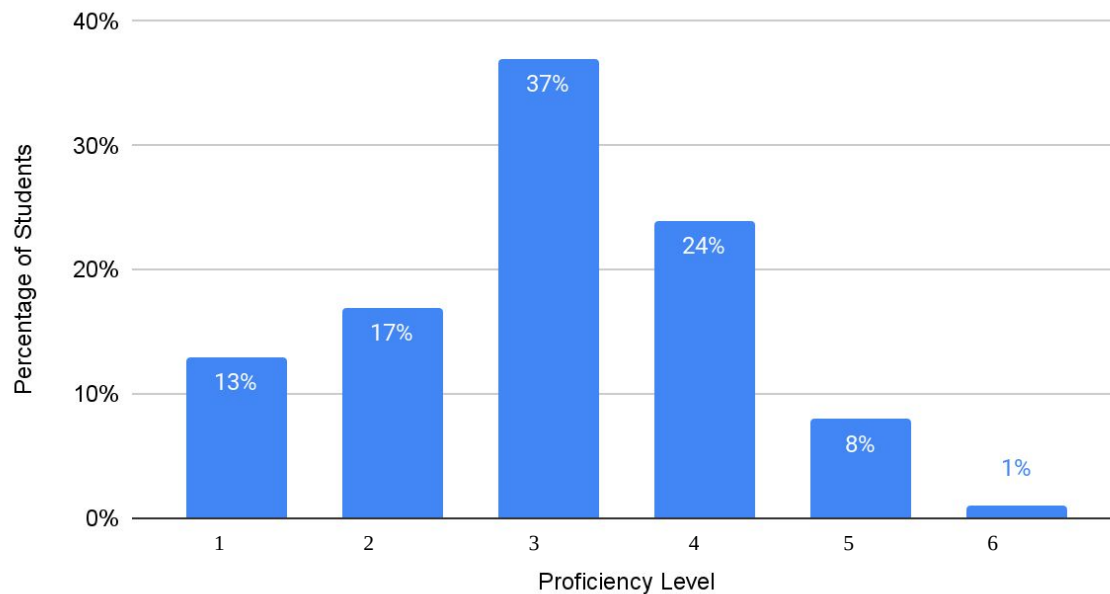
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## Proficiency Level Key

- 1 ENTERING
- 2 EMERGING
- 3 DEVELOPING
- 4 EXPANDING
- 5 BRIDGING
- 6 REACHING

# English Language Learner Program

## Distribution of Overall Proficiency Levels K-12





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**A  
C  
C  
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S**

## *District Strengths*

- Increased Sheltered Instruction Observation Protocol (SIOP) training for educators serving ELL students. Intentional plan to expand these training opportunities across all schools throughout the district.
- Piloting different models of sheltered instruction at the elementary levels (Push-in & proficiency based groupings).
- Increased funding has enabled the district to provide summer camp opportunities for students at no cost in order to support continued support and language acquisition.
- Title III Immigrant Funds will allow us to expand services to community members through our Adult English Acquisition courses at no cost to families.



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A  
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## *Supports & Interventions*

- Engage teachers self-reflection of current practices and curricula implementation based on trends in data.
- Identify and plan for growth toward meeting grade level/course expectations as well as enrichment for students exceeding expectations.
- Personalize learning for individual students, as they collaborate with teachers to set goals based on collective assessment/performance data.
- Engage in data protocols to exam current groupings, ELL services, and students' needs to make program and staffing recommendations.



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## *District Supports & Interventions*

- Title I funding enables us to provide additional opportunities for students demonstrating need (e.i. Title I Tutoring)
- Title III and Title III Immigrant funding enables us to invite our ELL students to supplemental services & summer programming
- Title IV funding enables us to support dual enrollment opportunities for students who are economically disadvantaged
- District Strategic Goal for Equity which addresses culturally responsive teaching and implicit bias.
- District pilot of Multi-Tiered Systems of Support -Proactive & preventative system of support; identifies students for tiered supports through universal screeners; interventions are based on students' individual needs; frequent progress monitoring and data-analysis to make informed decisions
- Multi-level classes in middle school math & 9th grade
- Full-day Kindergarten
- K-8 Teacher Resource Specialists for Instruction & Intervention
- Orton Gillingham training for TRS for Instruction & Intervention who focus on reading
- Additional foundational curricula resources K-5 in both math and literacy



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# *THANK YOU!*

*Building upon our tradition of excellence, the mission of the West Windsor-Plainsboro Regional School District is to empower all learners to thoughtfully contribute to a diverse and changing work with confidence, strength, of character and love of learning.*