Assessment Results: NJSLA, DLM & ACCESS

East Rutherford School District

Superintendent Giovanni A. Giancaspro

October 2023

AGENDA

- Composition of ERSD Assessed Grade Levels
- Categories of Results (Levels 1-5)
- District Level Performance Comparative Analysis Over 3 years (East Rutherford)
- District Level Performance Comparative Analysis Over 3 years (Meet & Exceed Expectations)
- Student Participation Rate ELA, Math and Science (3 Year Analysis)
- District Level Performance Comparative Analysis Over 3 Years (East Rutherford/State)
- District Level Performance Comparative Analysis of Various Subgroups
- World-Class Instructional Design and Assessment (WIDA) Results: Comparative Analysis
- Dynamic Learning Maps (DLM) 2022 & 2023
- Notable Achievements
- Intervention Plans

COMPOSITION OF EAST RUTHERFORD SCHOOL DISTRICT ASSESSED GRADE LEVELS

SCHOOL	GRADE LEVEL	ASSESSMENT
McKenzie	3rd Grade	ELA & Mathematics
Lincoln	4th Grade	ELA & Mathematics
Lincoln	5th Grade	ELA, Mathematics & Science
Faust	6th & 7th Grade	ELA & Mathematics
Faust	8th Grade	ELA, Mathematics & Science

CATEGORIES OF RESULTS (NJSLA)

English Language Arts & Mathematics

- Level 1: Not Yet Meeting Expectations
- Level 2: Partially Meeting Expectations
- Level 3: Approaching Expectations
- Level 4: Meeting Expectations
- Level 5: Exceeding Expectations

CATEGORIES OF RESULTS (NJSLA)

Science

- Level 1: Below Proficient
- Level 2: Near Proficiency
- Level 3: Proficient
- Level 4: Advance Proficiency

East Rutherford District Level Performance Report
Spring 2019, 2022 & 2023 NJSLA Administrations (Levels 1, 2, & 3)

Subject	Level 1 2019	Level 1 2022	Level 1 2023	Level 2 2019	Level 2 2022	Level 2 2023	Level 3 2019	Level 3 2022	Level 3 2023
ELA	7.5%	9.2%	6.1%	9.2%	16.2%	7.7%	19.7%	23.8%	19.5%
Math	8.7%	14.7%	9.7%	16.7%	25.5%	20.7%	24.6%	26.4%	26.7%
Science	37.4%	51%	38.3%	42.9%	31.9%	39.7%	18.4%	12.7%	19.2%

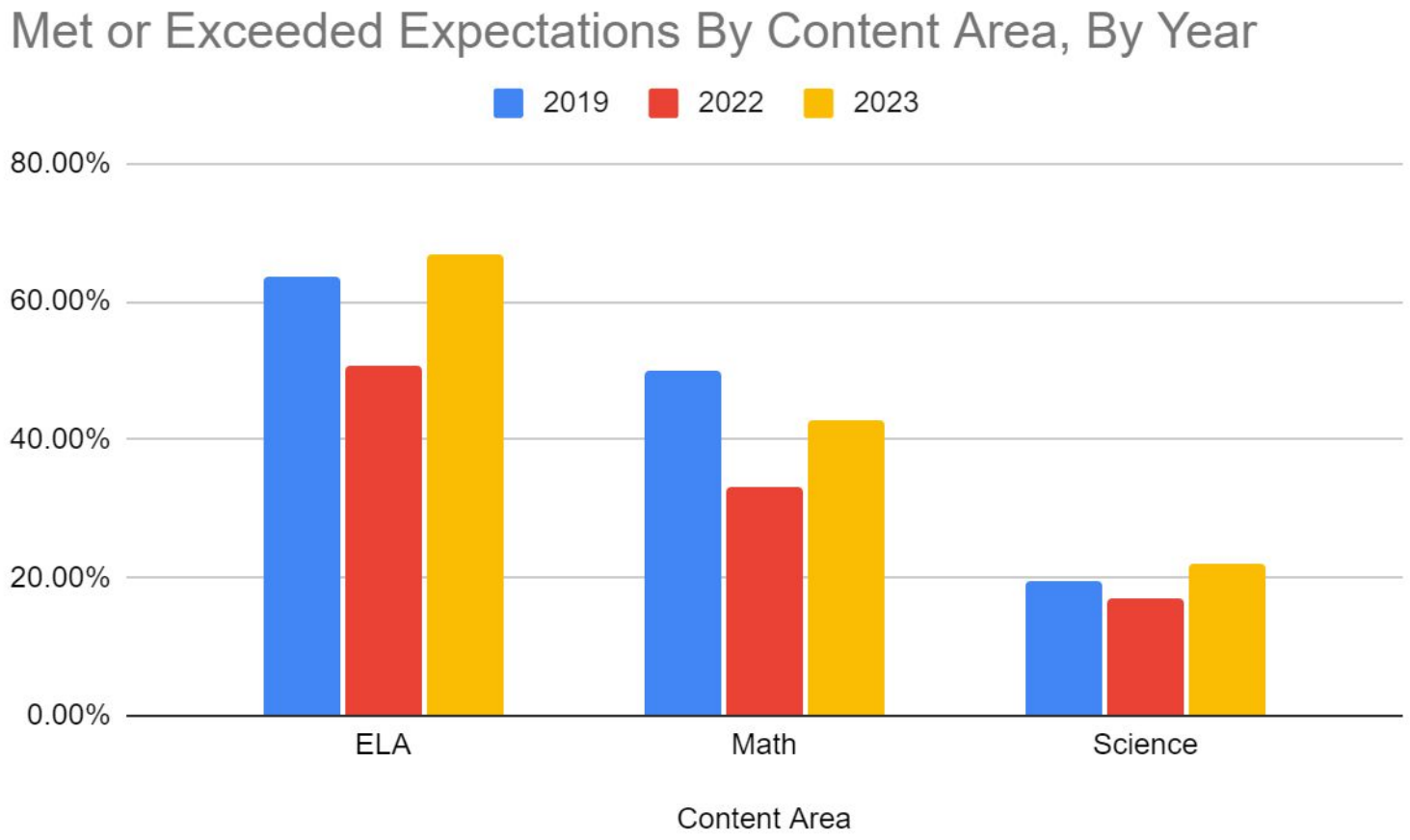
Notes: Percentages may not total 100 due to rounding.

East Rutherford District Level Performance Report
Spring 2019, 2022 & 2023 NJSLA Administrations (Levels 4 & 5)

Subjects	Level 4 2019	Level 4 2022	Level 4 2023	Level 5 2019	Level 5 2022	Level 5 2023	Meet & Exceed 2019	Meet & Exceed 2022	Meet & Exceed 2023
ELA	44.3 %	34.4%	42.8%	19.3%	16.4%	24.0%	63.6%	50.8%	66.8%
Math	41.1 %	26.4%	33.6%	8.9%	6.9%	9.2%	50%	33.3%	42.8%
Science	1.2%	4.5%	2.8%				19.6%	17.1%	22%

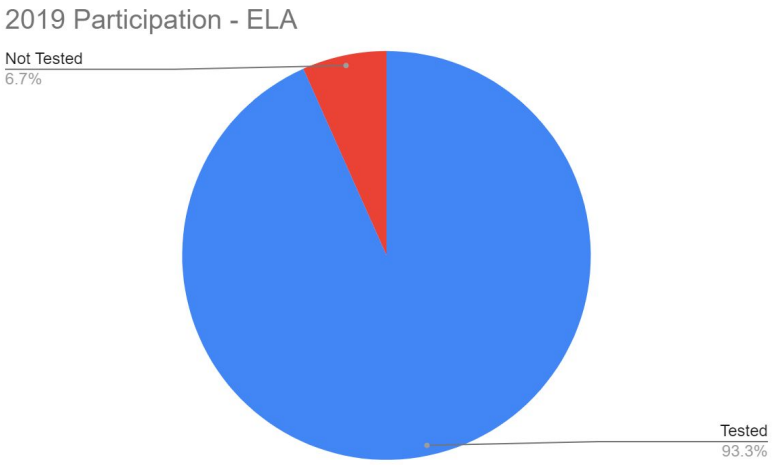
Notes: Percentages may not total 100 due to rounding.

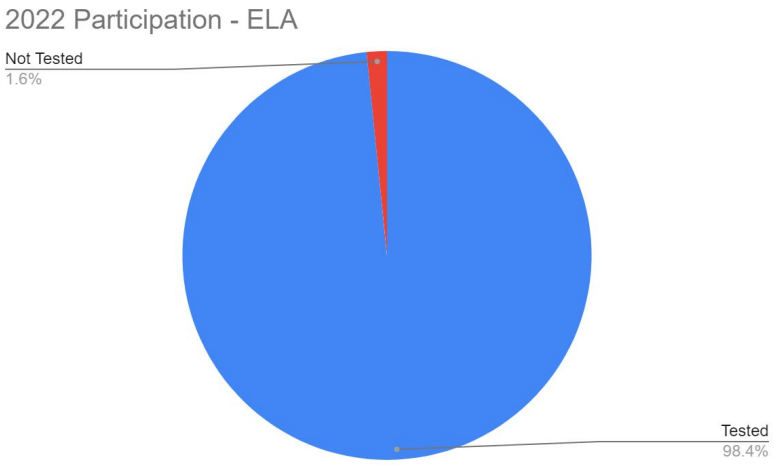
Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations Percentages for Meet & Exceeds Expectations By Year

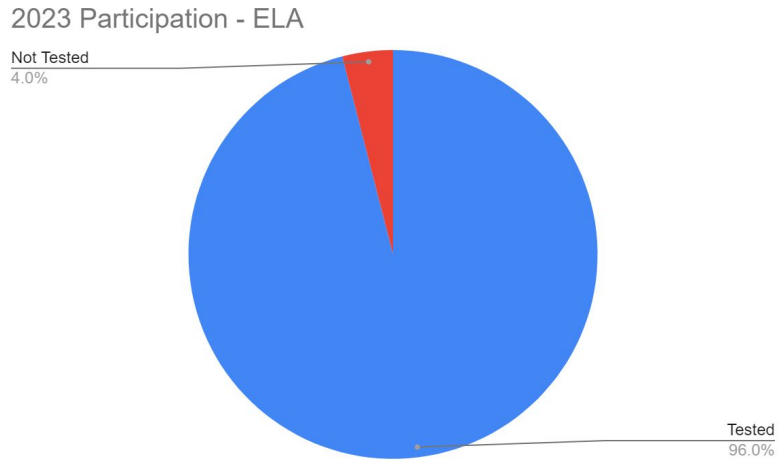


Comparison of East Rutherford School District's Student Participation Rate Spring 2019, 2022 & 2023 ELA

Number of Students Tested

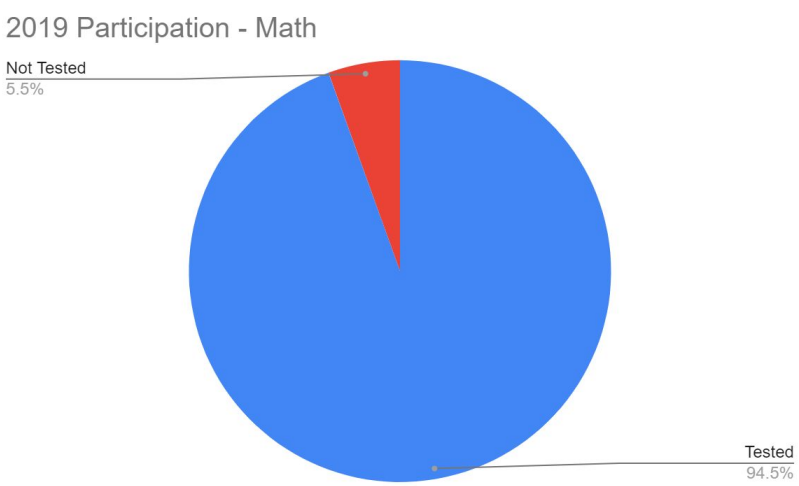


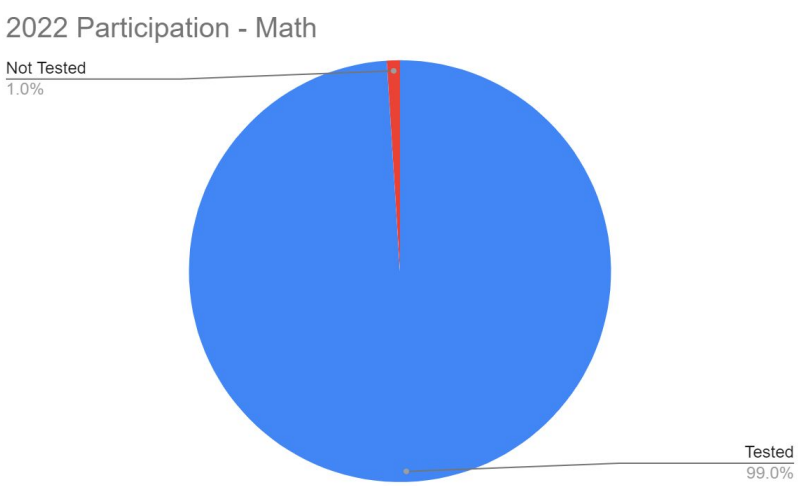


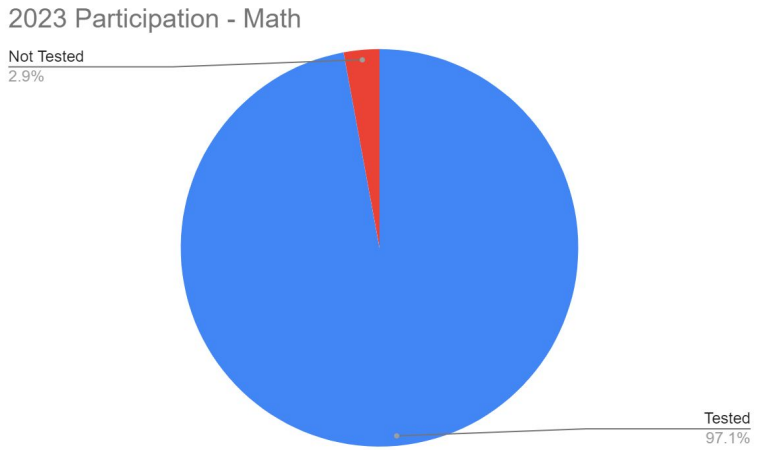


Comparison of East Rutherford School District's Student Participation Rate Spring 2019, 2022 & 2023 Mathematics

Number of Students Tested

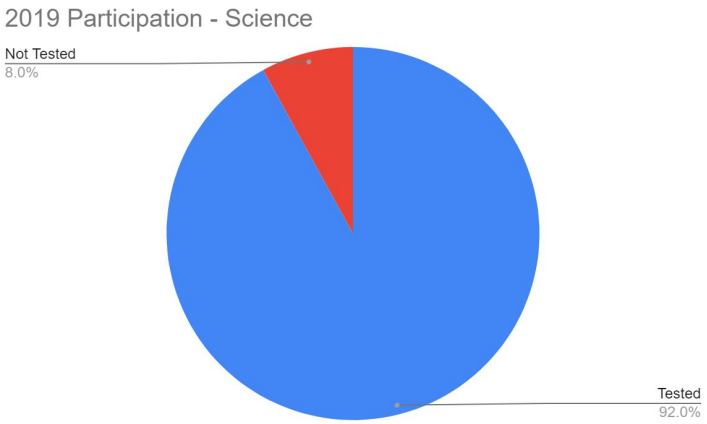


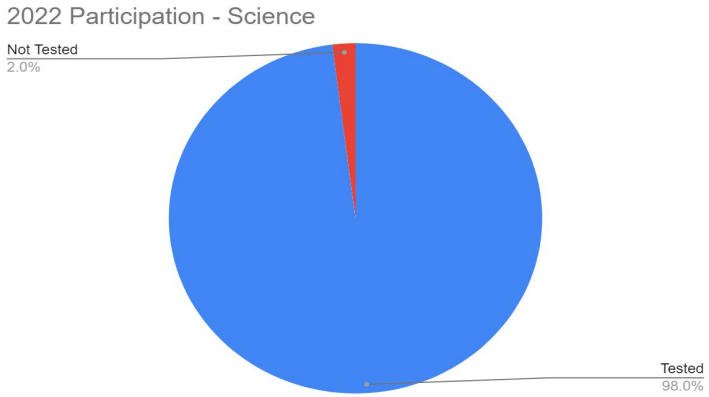


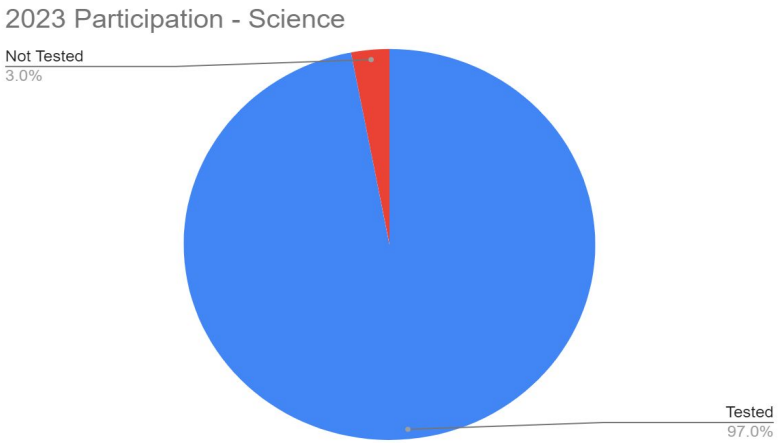


Comparison of East Rutherford School District's Student Participation Rate Spring 2019, 2022 & 2023 Science

Number of Students Tested







Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations ELA, Math & Science – Percentages (Level 1)

Subject	Level 1 2019 ER	Level 1 2019 State	Level 1 2022 ER	Level 1 2022 State	Level 1 2023 ER	Level 1 2023 State
ELA	7.5%	9.2%	9.2%	14%	6.1%	13.7%
Math	8.7%	9.7	14.7%	16.4%	9.7%	15.7%
Science	37.4%	35.3%	51%	41.3%	38.3%	39.2%

Notes: Percentages may not total 100 due to rounding.

Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations ELA, Math & Science – Percentages (Level 2)

Subject	Level 2 2019 ER	Level 2 2019 State	Level 2 2022 ER	Level 2 2022 State	Level 2 2023 ER	Level 2 2023 State
ELA	9.2%	12.1%	16.2%	14.4%	7.7%	13.7%
Math	16.7%	20.0%	25.5%	24.2%	20.7%	21.9%
Science	42.9%	40.2%	31.9%	38.3%	39.7%	38.2%

Notes: Percentages may not total 100 due to rounding.

Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations ELA, Math & Science – Percentages (Level 3)

Subject	Level 3 2019 ER	Level 3 2019 State	Level 3 2022 ER	Level 3 2022 State	Level 3 2023 ER	Level 3 2023 State
ELA	19.7%	20.8%	23.8%	22.7%	19.5%	21.4%
Math	24.6%	24.6%	26.4%	26.7%	26.7%	25.6%
Science	18.4%	19.0%	12.7%	15.0%	19.2%	17.5%

Notes: Percentages may not total 100 due to rounding.

Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations ELA, Math & Science – Percentages (Level 4)

Subject	Level 4 2019 ER	Level 4 2019 State	Level 4 2022 ER	Level 4 2022 State	Level 4 2023 ER	Level 4 2023 State
ELA	44.3%	39.9%	34.4%	36.1%	42.8%	37.1%
Math	41.1%	35.9%	26.4%	26.7%	33.6%	30.0%
Science	1.2%	5.6%	4.5%	5.4%	2.8%	5.0%

Notes: Percentages may not total 100 due to rounding.

Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations ELA, Math & Science – Percentages (Level 5)

Subject	Level 5 2019 ER	Level 5 2019 State	Level 5 2022 ER	Level 5 2022 State	Level 5 2023 ER	Level 5 2023 State
ELA	19.3%	18.0%	16.4%	12.9%	24.0%	14.1%
Math	8.9%	9.7%	6.9%	6.0%	9.2%	6.7%
Science	NA	NA	NA	NA	NA	NA

Notes: Percentages may not total 100 due to rounding.

Comparison of East Rutherford School District's Spring 2019, 2022 & 2023 NJSLA Administrations ELA, Math & Science – Percentages (Meet & Exceed)

Subject	ER Meet & Exceed 2019	State Meet & Exceed 2019	ER Meet & Exceed 2022	State Meet & Exceed 2022	ER Meet & Exceed 2023	State Meet & Exceed 2023
ELA	63. 6%	58.0%	50.8%	49.0%	66.8%	51.2%
Math	50.0%	45.6%	33.3%	32.7%	42.8%	36.7%
Science	19.6%	24.6%	17.1%	20.4%	22.6%	22.6%

Notes: Percentages may not total 100 due to rounding.

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA ECONOMICALLY DISADVANTAGED

ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	46.2%	23.1%
Grade 4	45.5%	30.8%
Grade 5	26.7%	66.7%
Grade 6	38.1%	60.0%
Grade 7	33.3%	73.3%
Grade 8	51.4%	65.4%

Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	23.1%	34.6%
Grade 4	31.8%	23.1%
Grade 5	16.7%	47.6%
Grade 6	18.2%	11.8%
Grade 7	16.7%	36.7%
Grade 8	8.1%	12.2%
Algebra I	100%	100%

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA STUDENTS WITH DISABILITIES

ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	46.2%	23.1%
Grade 4	26.7%	6.7%
Grade 5	10%	30%
Grade 6	0%	54.5%
Grade 7	0%	54.5%
Grade 8	25.0%	11.1%

Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	14.3%	16.7%
Grade 4	20.0%	0%
Grade 5	0%	7.7%
Grade 6	0%	0%
Grade 7	0%	9.1%
Grade 8	0%	0%
Algebra I	N/A	N/A

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA ETHNICITY/RACE HISPANIC/LATINO

ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	38.2%	36.6%
Grade 4	52.5%	36.3%
Grade 5	26.3%	72.2%
Grade 6	40.0%	63.4%
Grade 7	35.3%	65.6%
Grade 8	48.8%	73.5%

Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	17.6%	39.0%
Grade 4	35.0%	23.5%
Grade 5	15.4%	52.8%
Grade 6	23.3%	19.0%
Grade 7	17.6%	36.4%
Grade 8	4.9%	14.3%
Algebra I	100%	100%

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA ETHNICITY/RACE
ASIAN

ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	80%	72.7%
Grade 4	90%	83.3%
Grade 5	75%	100%
Grade 6	71.4%	92.9%
Grade 7	83.3%	100%
Grade 8	87.5%	83.3%

Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	80%	81.8%
Grade 4	90%	83.3%
Grade 5	87.5%	88.9%
Grade 6	71.4%	71.4%
Grade 7	83.3%	88.9%
Grade 8	50%	66.7%
Algebra I	100%	100%

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA ETHNICITY/RACE
BLACK OR AFRICAN AMERICAN

ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	57.1%	0%
Grade 4	80%	40%
Grade 5	50%	55.6%
Grade 6	16.7%	100%
Grade 7	83.3%	66.7%
Grade 8	62.5%	100%

Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	28.6%	33.3%
Grade 4	40%	40%
Grade 5	0%	44.4%
Grade 6	0%	0%
Grade 7	50%	0%
Grade 8	0%	50%
Algebra I	100%	100%

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA ETHNICITY/RACE WHITE

ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	50%	66.7%
Grade 4	50%	72%
Grade 5	52.9%	80%
Grade 6	50%	93.8%
Grade 7	56.3%	94.1%
Grade 8	63.6%	65%

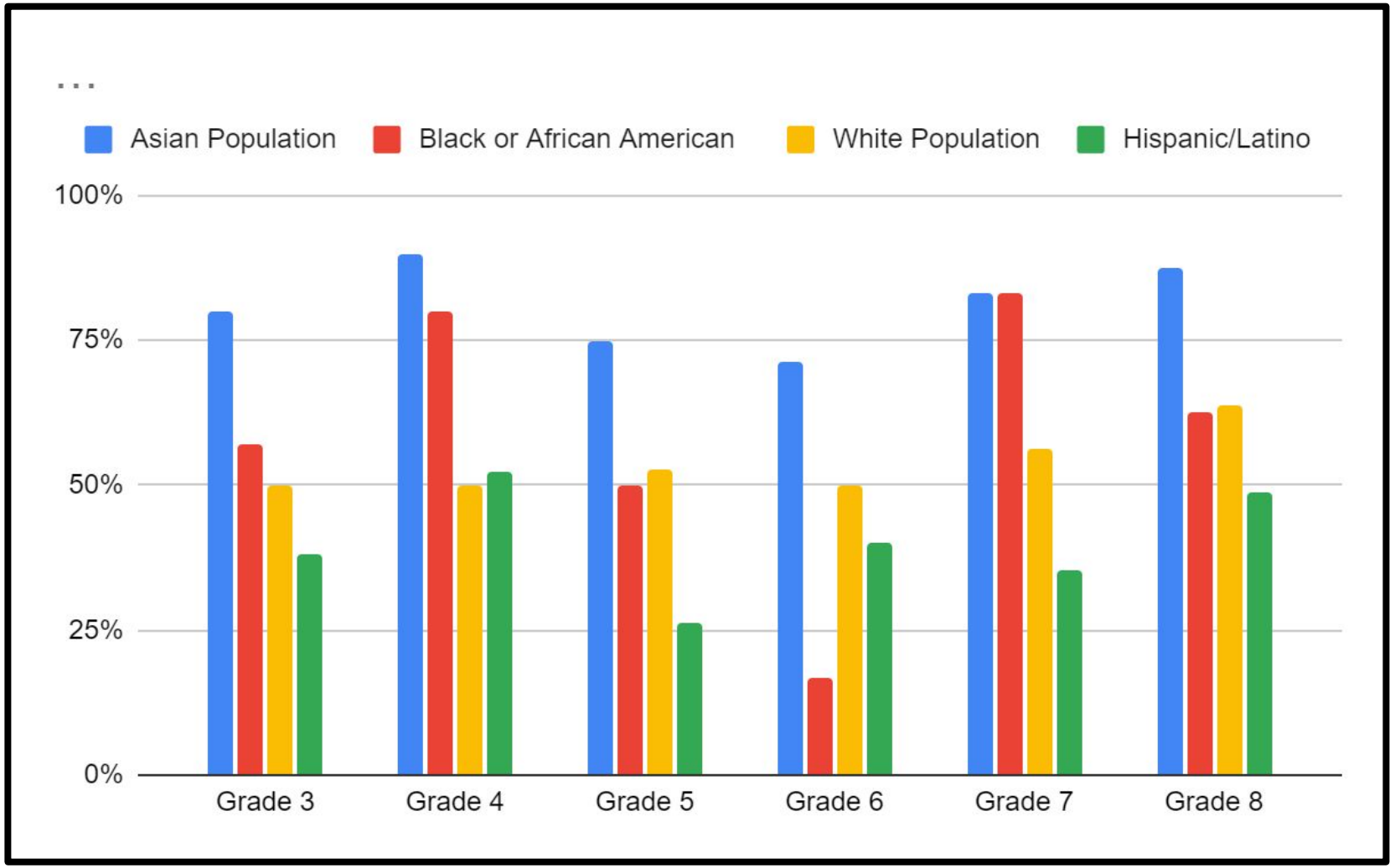
Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	45.5%	73.0%
Grade 4	50%	60%
Grade 5	17.6%	80%
Grade 6	50%	43.8%
Grade 7	31.3%	64.7%
Grade 8	22%	5.3%
Algebra I	100%	100%

COMPARATIVE ANALYSIS OF STUDENT PERCENTAGE MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS 2021-2022 & 2022-2023 NJSLA ENGLISH LANGUAGE LEARNERS

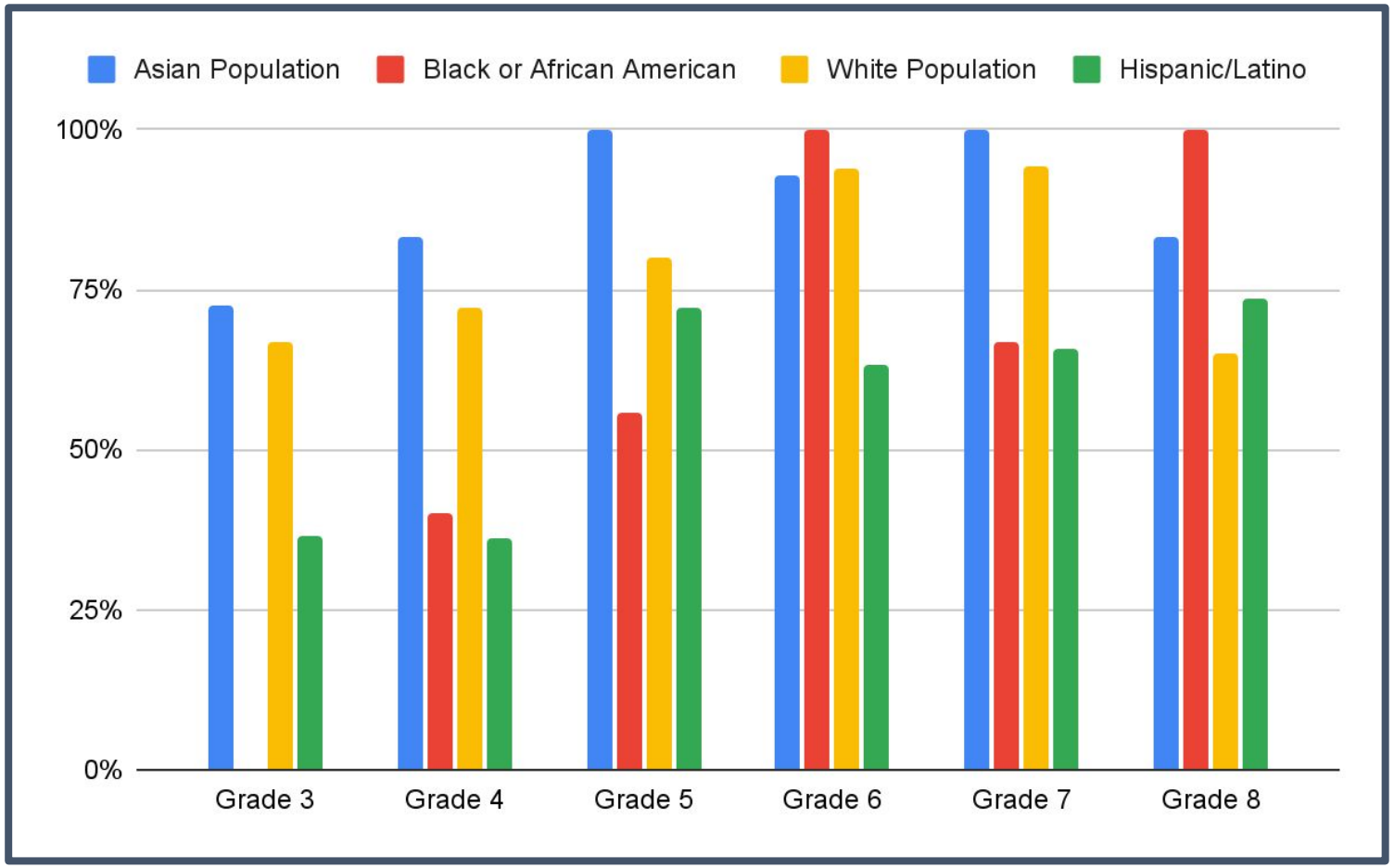
ELA	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	0%	0%
Grade 4	25%	25%
Grade 5	20%	0%
Grade 6	0%	33.3%
Grade 7	25%	0%
Grade 8	0%	50%

Math	East Rutherford % >= Level 4 2022	East Rutherford % >= Level 4 2023
Grade 3	0%	20%
Grade 4	25%	50%
Grade 5	16%	0%
Grade 6	100%	14.3%
Grade 7	25%	0%
Grade 8	0%	0%
Algebra I	N/A	N/A

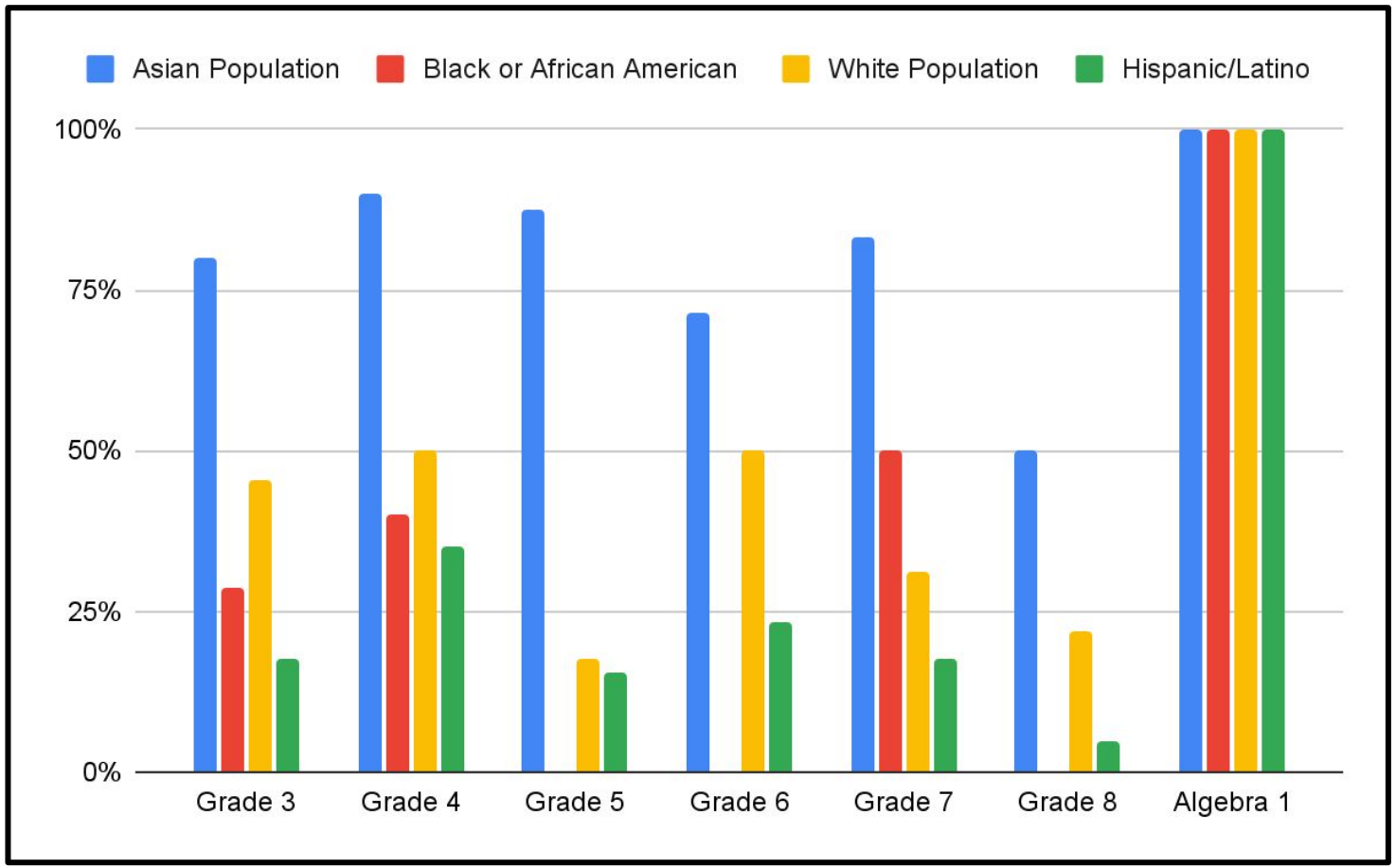
COMPARATIVE ANALYSIS OF SUBGROUP STUDENT PERCENTAGES MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS
2021-2022 NJSLA
ELA



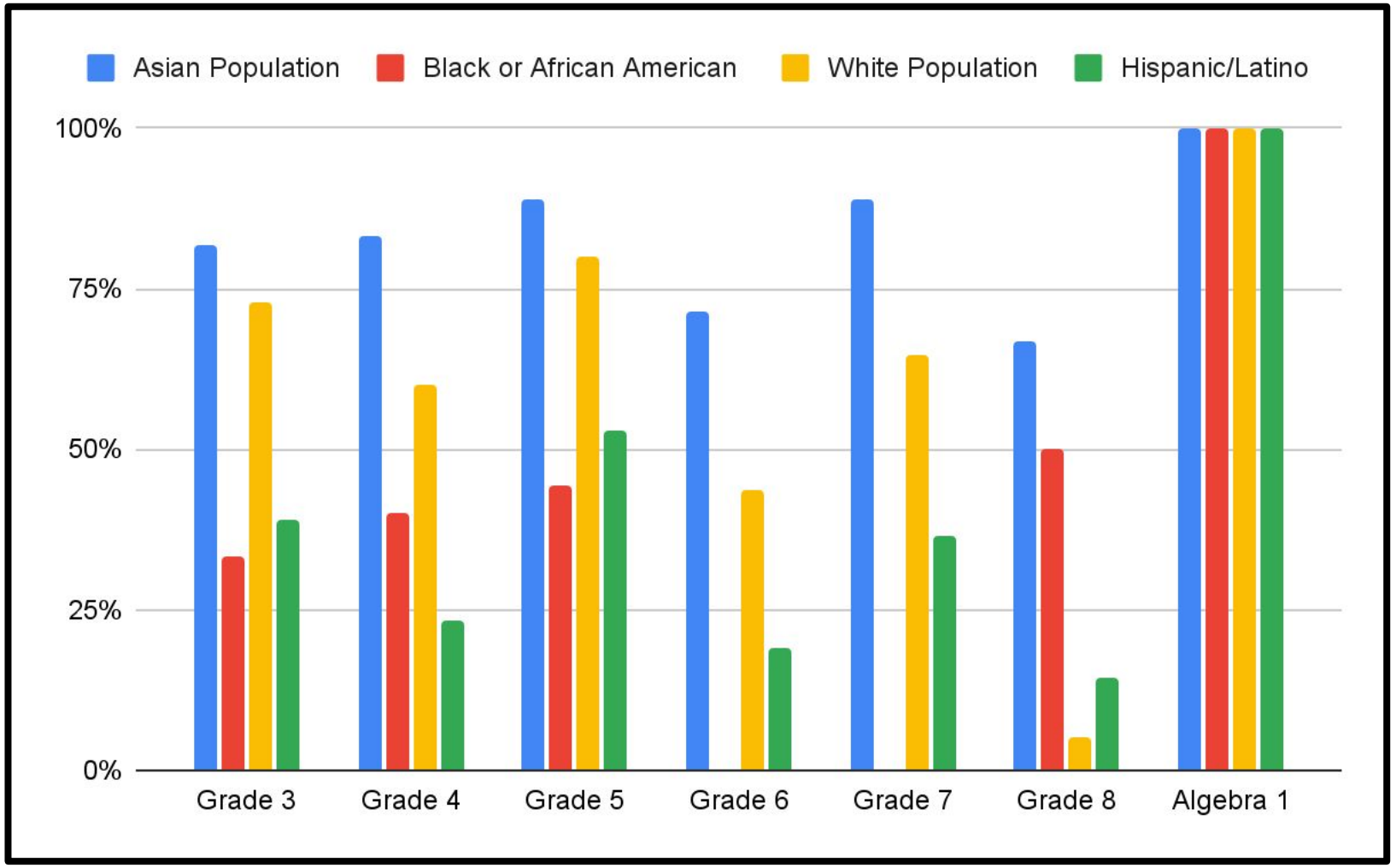
COMPARATIVE ANALYSIS OF SUBGROUP STUDENT PERCENTAGES MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS
2022-2023 NJSLA
ELA



COMPARATIVE ANALYSIS OF SUBGROUP STUDENT PERCENTAGES MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS
2021-2022 NJSLA MATHEMATICS



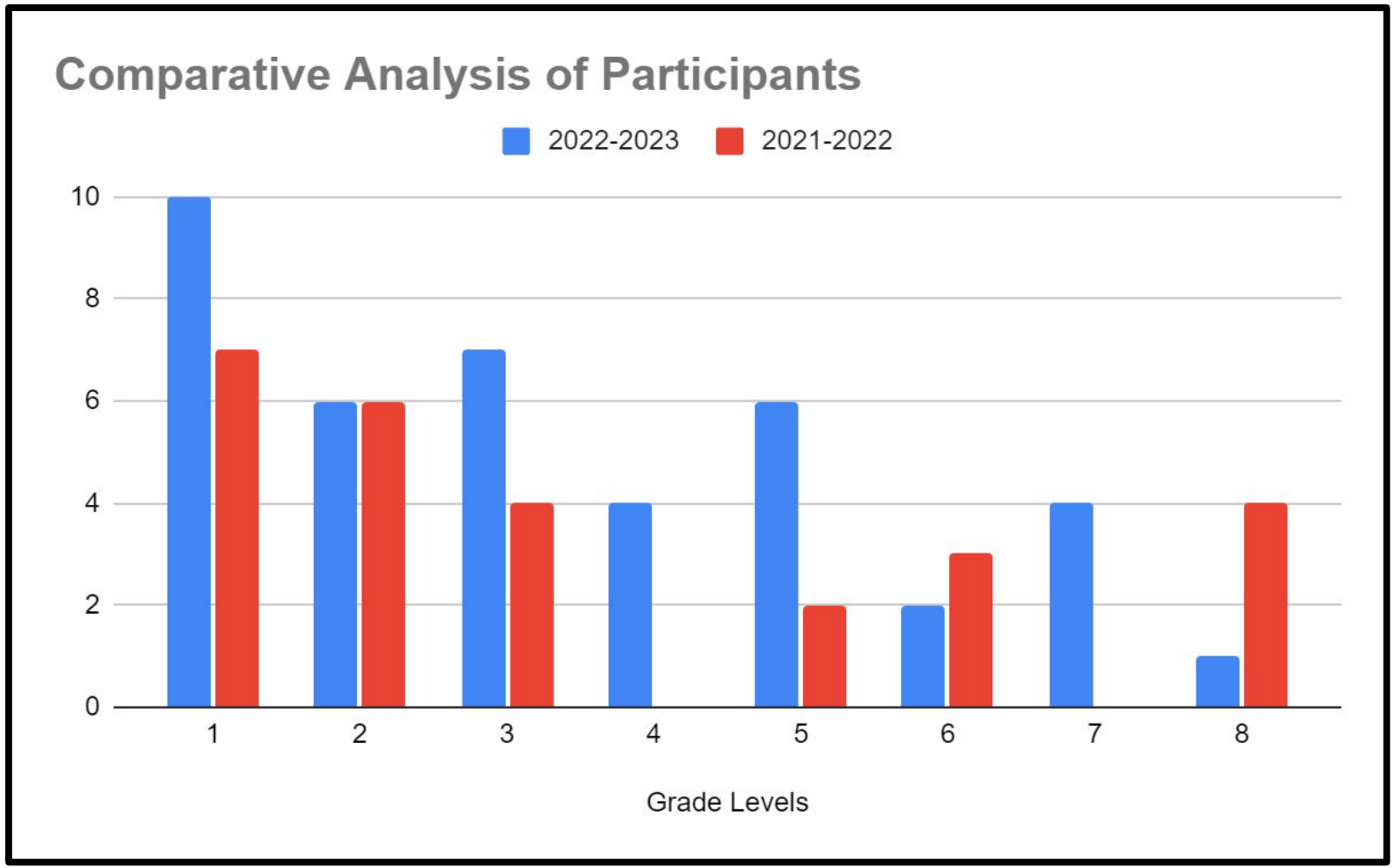
COMPARATIVE ANALYSIS OF SUBGROUP STUDENT PERCENTAGES MEETING OR EXCEEDING GRADE LEVEL EXPECTATIONS
2022-2023 NJSLA MATHEMATICS



WIDA Results: Comparative Analysis

Grade	# of Participants 2022-2023	# of Participants 2021-2022	Met Expectations 2022-2023	Met Expectations 2021-2022
KDG	16	16	5	4
1	10	7	0	1
2	6	6	0	0
3	7	4	0	1
4	4	0	1	0
5	6	2	3	1
6	2	3	2	1
7	4	0	1	0
8	1	4	0	1

WIDA Results: Comparative Analysis



Dynamic Learning Maps (DLM) Results 2021-2022 & 2022-2023

Dynamic Learning Maps® (DLM®) assessments are for students with the most significant cognitive disabilities for whom general state assessments are not appropriate, even with accommodations. DLM assessments offer these students a way to show what they know and can do in English language arts, mathematics, and science.

2021-2022	2022-2023
N<10	N<10

Notable Achievements

- National Junior Honor Society (Faust School)
- National Elementary Honor Society (Lincoln School)
- STEM/STEAM Program
- W.I.N. Program, (Classes 4-5)
- Supplementary, Enrichment and Innovation Program (Classes 6-8)
- Restorative Justice Practices (Faust School)
- Gifted and Talented Program (K-3)
- Promote Student-Centered Learning w/Instructional Coaches (ELA, Mathematics & Science, K-8)
- Intervention Reading Service (Certified Reading Specialist K-8)
- Provide 1:1 and SGI as Part of Tiered Support System
- Implement Behavioral Intervention Plans to Increase Student Attendance, Participation, and Performance Across Subject Areas, K-8

Intervention Plan: ELA

Goal	Rationale	Action Steps
Goal 1: Adjust ELA Curriculum	To meet students at their present levels and address learning gaps effectively.	• Adjust the ELA curriculum as needed to align with students' current levels.
Goal 2: Identify and Address Gap Areas	To identify specific gap areas and provide targeted support.	• Administer MAP and STAR assessments to identify additional gap areas and assess students' readiness levels. • Offer small group or individualized instruction to address learning gaps. • Implement ELA labs for special education students twice weekly.
Goal 3: Provide ELA Intervention	To support at-risk students and those in other subgroups to improve their ELA skills.	• Offer ELA intervention twice weekly after school for at-risk students and other identified subgroups. • Provide a Summer Enrichment session for at-risk and struggling learners. • Admit students meeting criteria into the Basic Skills program at the elementary level.
Goal 4: Revise ELA Curriculum	To align the ELA curriculum with new standards as soon as they are released.	• Revise the ELA curriculum to reflect new standards once they are available. • Collaborate with ELA Coaches K-3 and 4th-8th to identify areas for revision within the existing program. • Budget funds for curriculum work over the summer of 2023 as needed.
Goal 5: Utilize Online Platforms	To provide targeted online intervention and extended practice for students.	• Continue to use online platforms such as Freckle, Star Renaissance Learning, IX, and Reading Eggs to provide targeted online intervention and practice.

Intervention Plan: Mathematics

Goal	Rationale	Action Steps
Goal 1: Improve Math Curriculum Alignment	To ensure that the math curriculum aligns with student needs and standards.	• Analyze assessment results to identify gaps in student learning. • Provide teachers with specific guidance on key concepts from the previous year and how to incorporate them into the current curriculum. • Revise the math curriculum to reflect new Math standards when released.
Goal 2: Provide Targeted Support for Students	To address learning gaps and provide support to students at risk.	• Administer MAP and STAR assessments in September 2023 to identify gap areas and student readiness levels. • Offer small group or individualized instruction to address learning gaps. • Implement Math labs for special education students twice weekly. • Offer after-school Math intervention twice per week for at-risk students. • Provide a Summer Enrichment session for at-risk and struggling learners.
Goal 3: Enhance Teacher Support and Professional Development	To ensure that teachers have the tools and knowledge to address learning gaps effectively.	• Assign Math education consultants at the elementary (K-5) and middle school (6-8) levels. • Collaborate with consultants to develop interventions and track student progress data. • Conduct lunch and learn sessions on research-based best practices for addressing learning gaps. • Facilitate departmental/grade-level team meetings to align lessons and assessments with standards. • Continuously analyze and review student achievement data and instruction.
Goal 4: Engage Parents in the Process	To involve parents in supporting their children's learning at home.	• Host parent academies to encourage parental involvement. • Provide strategies and resources to parents to assist their children with math at home.

Intervention Plan: Science

Goal	Rationale	Action Steps
Goal 1: Enhance Science Instruction in Grades 3-5	To improve the effectiveness of NGSS incorporation in science instruction for elementary grades.	• Provide professional development for teachers in grades 3-5 to deepen their understanding of NGSS and Science and Engineering Practices. • Focus on creating student-centered classrooms. • Emphasize the importance of elementary science as the foundation for Grade 5 assessment. • Teach teachers how to use phenomena as the starting point for lessons. • Train teachers in constructing explanations and arguments using CER (claims, evidence, reasoning). • Explore the value of student-generated models to represent ideas.
Goal 2: Strengthen Middle School Science Instruction	To improve the alignment of middle school science instruction with NGSS.	• Provide professional development for middle school teachers regarding the Science and Engineering Practices (SEPs) in grades 6-8. • Teach teachers to collectively examine the SEP bands for middle school and assign them to specific courses (Science 6, Science 7, Science 8). • Focus on analyzing assessments (tests, quizzes, labs, activities) to ensure NGSS alignment.
Goal 3: Utilize External Resources	To leverage external expertise for professional development.	• Partner with Rutgers University and PRISM Institute to provide professional development. • Assign a PRISM consultant for 4th-8th grade and a Rutgers consultant for K-3rd grade.
Goal 4: Infuse ELA and Mathematics Standards	To integrate ELA and Mathematics standards with science instruction.	• Encourage departmental/grade-level team meetings to develop rigorous benchmark assessments. • Promote the infusion of ELA and Mathematics standards into science instruction.

Intervention Plan: ELL Students K-8

Subject	Action Step 1	Action Step 2
Math	• Identify and provide additional math resources (e.g., manipulatives, bilingual glossaries) for grades with lower "Met Expectations" results.	• Implement math peer-tutoring programs, especially in grades 1, 2, 3, and 5 where expectations were not met.
ELA	• Implement targeted reading intervention groups, prioritizing grades 1, 2, 3, and 8 where expectations were not met.	• Provide professional development for teachers on integrating language development in ELA instruction.
Science	• Organize hands-on science experiments and projects to foster engagement and understanding, prioritizing the grades with lower results.	• Incorporate visual aids and multimedia resources into lessons to support ELL comprehension in grades with lower results.

Intervention Plan: Economically Disadvantaged Students K-8

Subject	Action Step 1	Action Step 2
Math	• Organize targeted math tutorials for Grade 3, 4, and 6, which showed a decline in the percentage of students meeting or exceeding level 4 from 2022 to 2023.	• Introduce hands-on, real-world math problems to make the subject more engaging and relatable for students, especially in the grades that declined.
ELA	• Prioritize reading comprehension interventions for Grade 3 and Grade 4, where a notable decrease in students meeting or exceeding expectations was observed from 2022 to 2023	• Offer after-school literacy program through our After School Academic Intervention Program or reading clubs for Grade 3 to 8 to enhance their reading and writing skills.
Science	• Distribute science kits with hands-on experiments and materials for students fostering their interest and understanding in science topics.	• Collaborate with local science centers or organizations for field trips or guest speakers to enhance real-world connections to the curriculum.