2023 Assessments: NJSLA

Tuesday, October 10, 2023
Board of Education Meeting

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NJSLA

- New Jersey Student Learning Assessment
- Measures students' mastery of grade level NJSLS (NJ Student Learning Standards)
  - English Language Arts
  - Mathematics
  - Science
- Resources for Districts
- Resources for Families
- Digital Item Library

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NJSLA ELA & Math Performance Levels

Delineate the knowledge, skills, and practices students are able to demonstrate.

Level 5: Exceeded Expectations
Level 4: Met Expectations
Level 3: Approached Expectations
Level 2: Partially Met Expectations
Level 1: Did Not Yet Meet Expectations

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Grade Level Data

Comparison of Red Bank Borough to the New Jersey State average for students in that same GRADE over a 6 year period (2016, 2017, 2018, 2019, 2022 & 2023).

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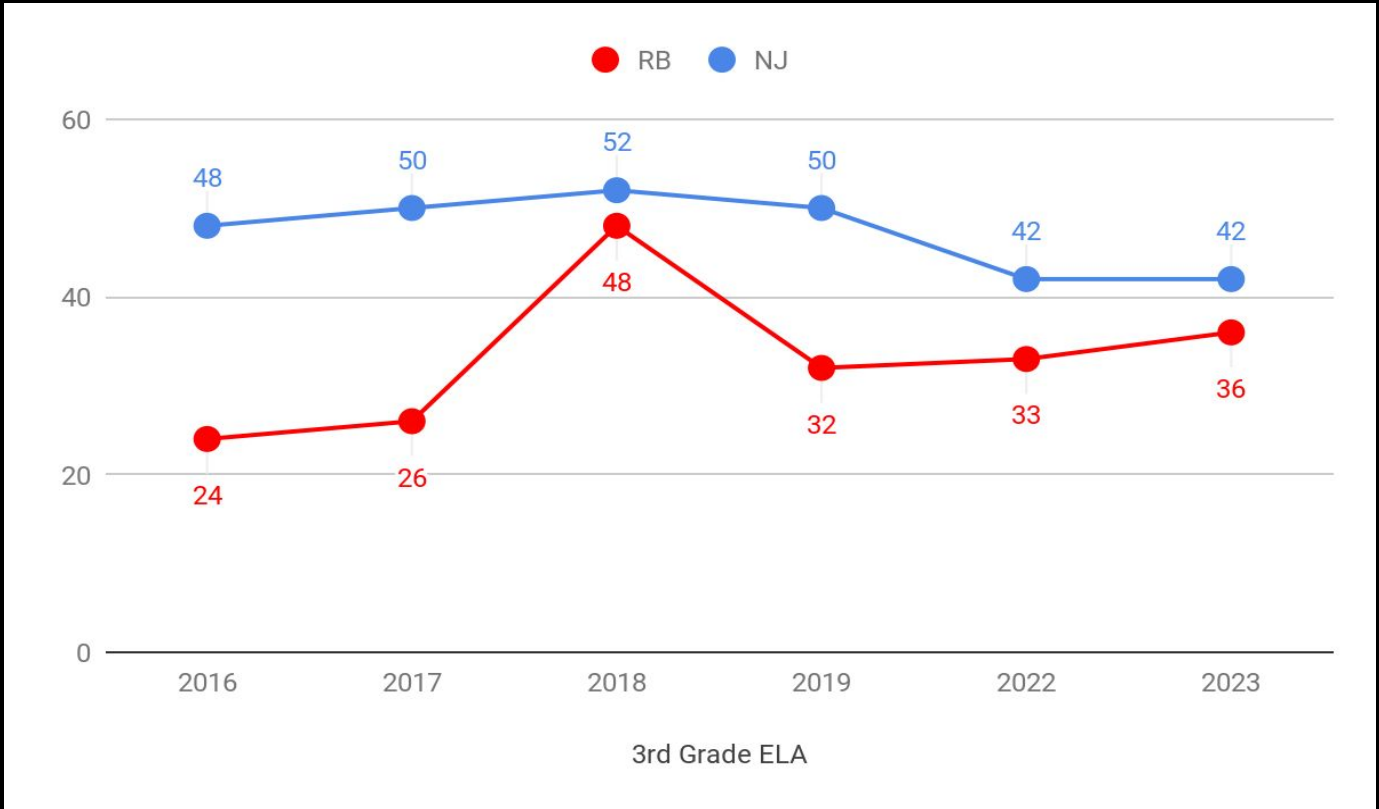
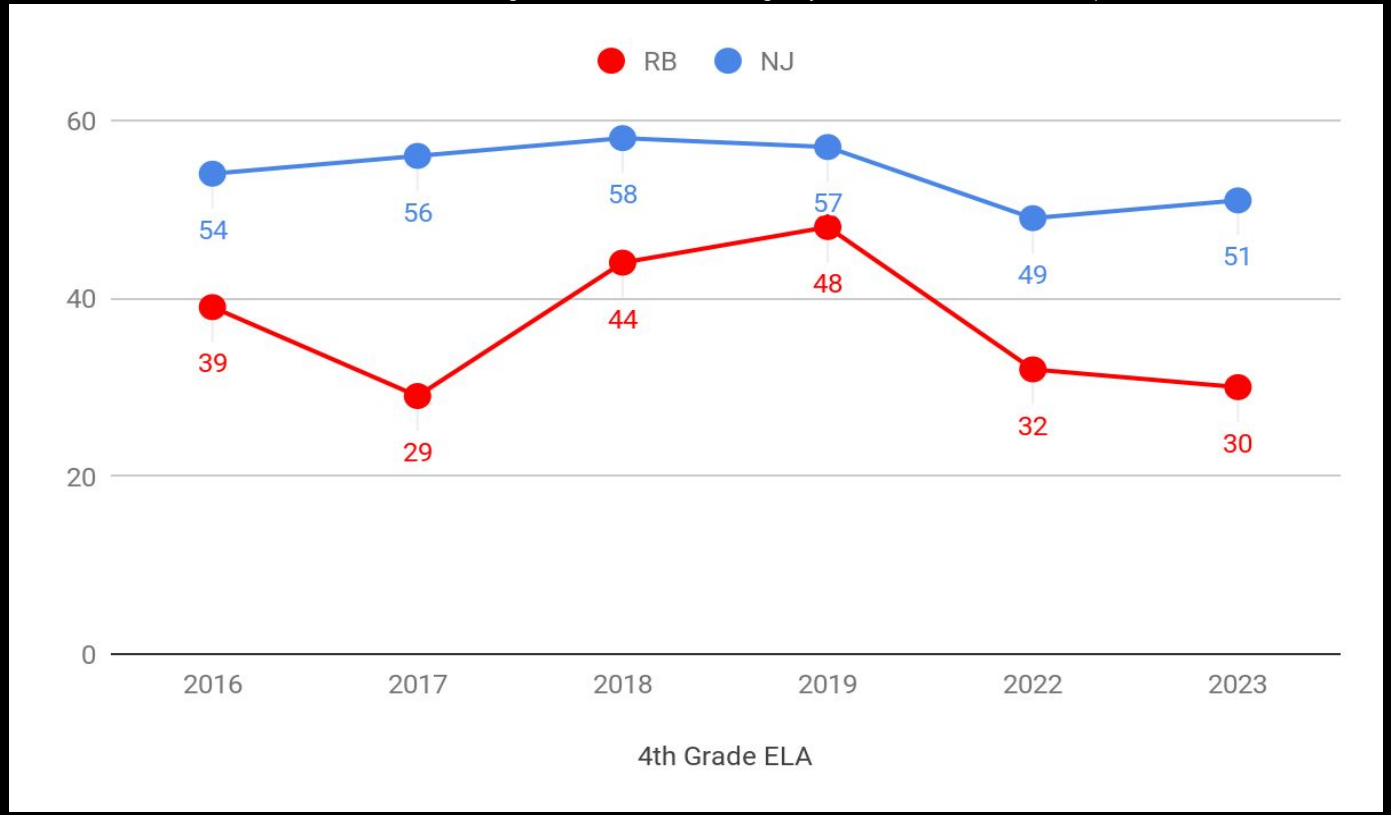
English Language Arts

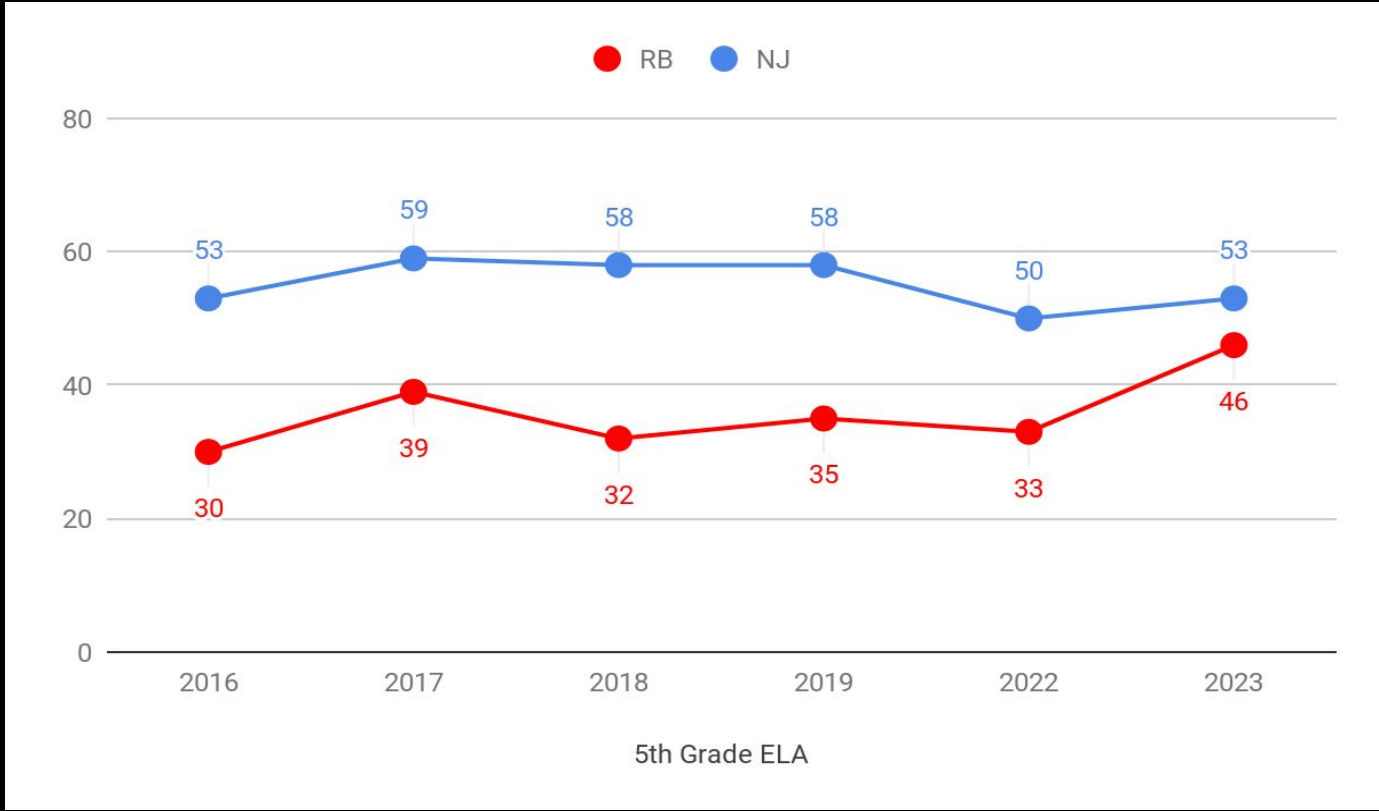
Grade 3 English Language Arts
% Meeting/Exceeding (Level 4 & 5)



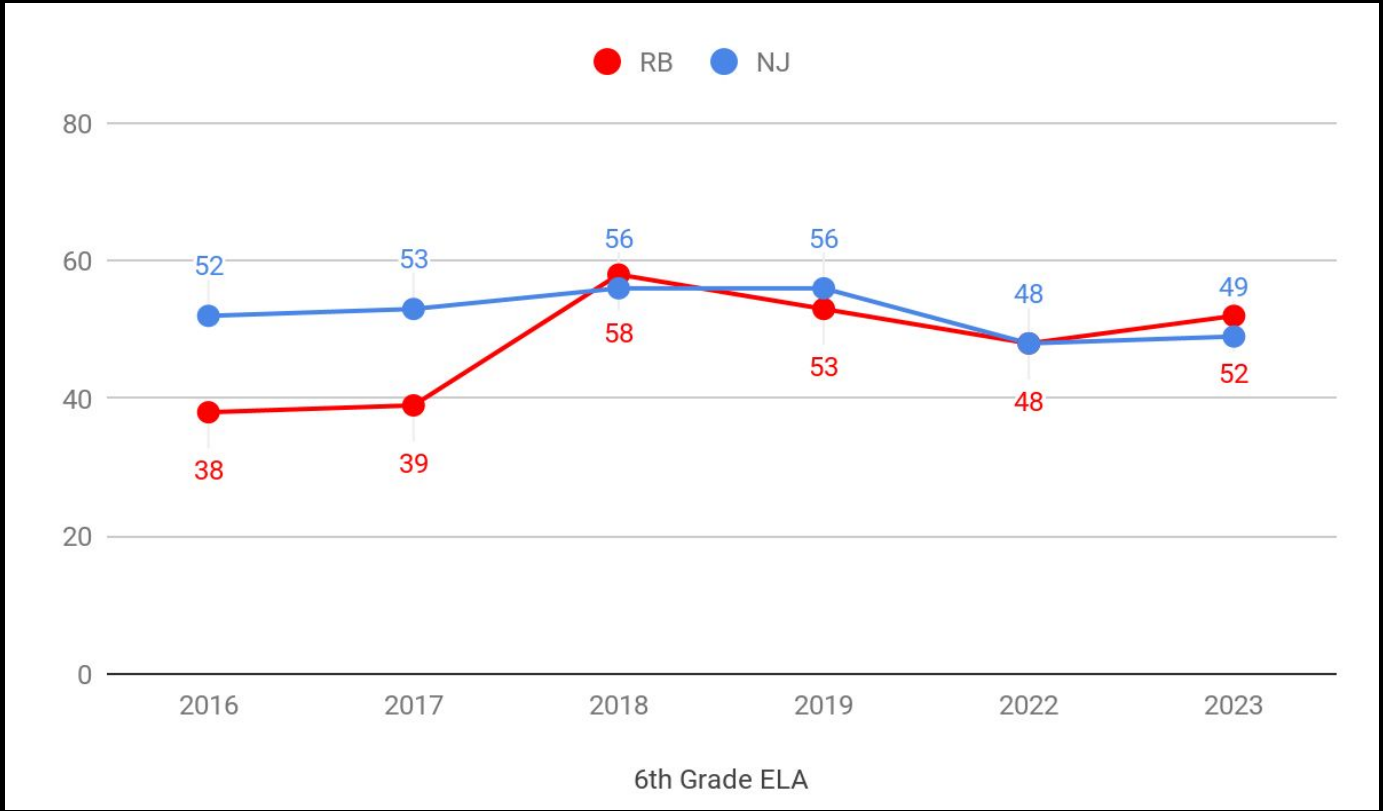
Grade 4 English Language Arts
% Meeting/Exceeding (Level 4 & 5)



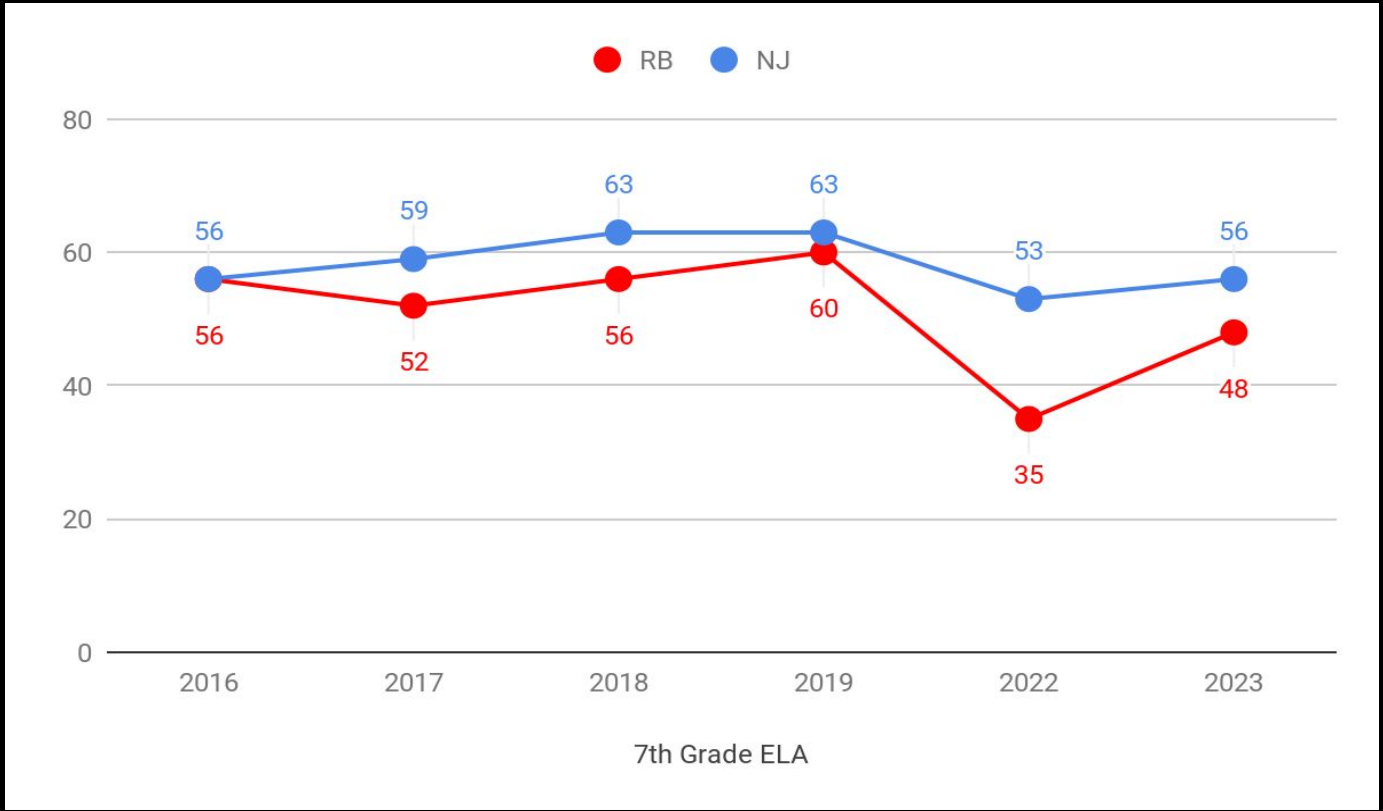
Grade 5 English Language Arts
% Meeting/Exceeding (Level 4 & 5)



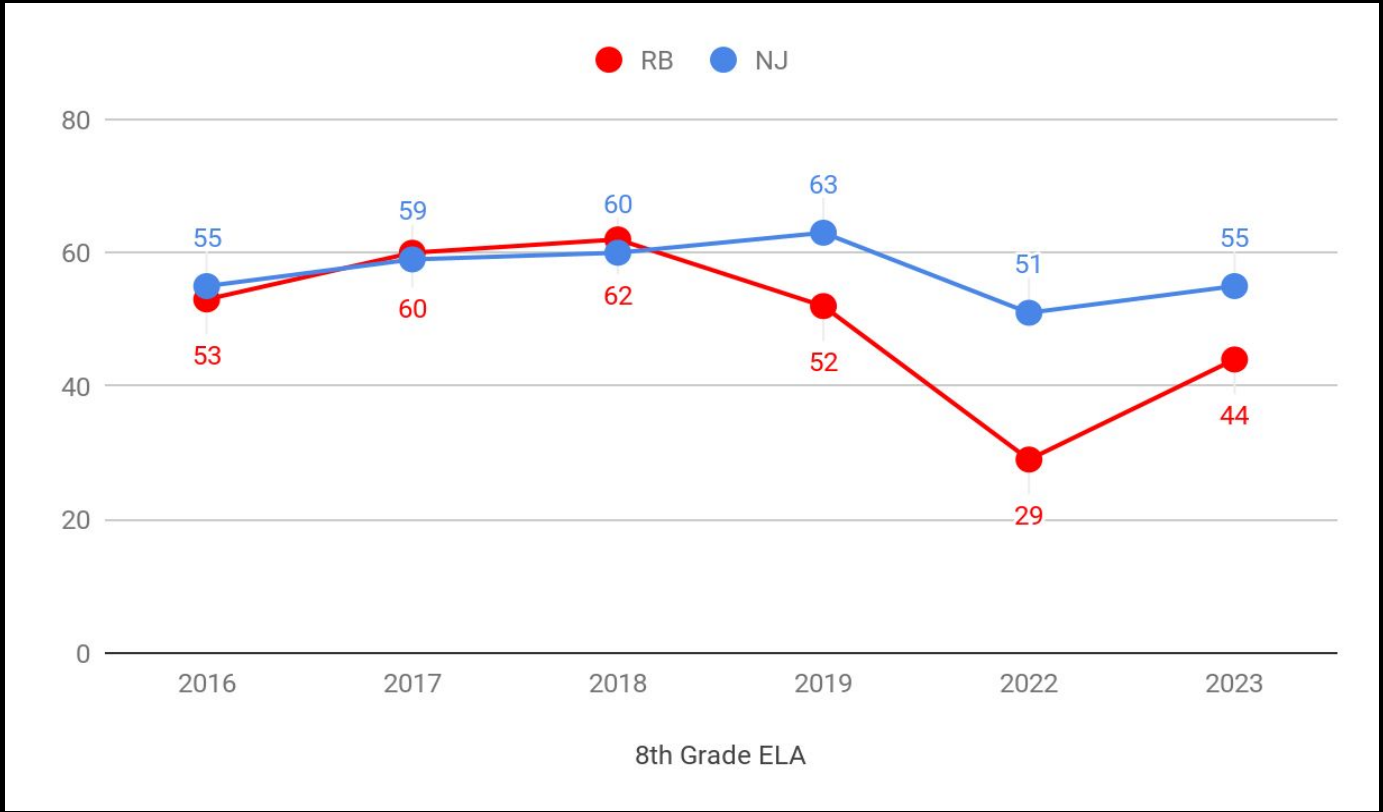
Grade 6 English Language Arts
% Meeting/Exceeding (Level 4 & 5)



Grade 7 English Language Arts
% Meeting/Exceeding (Level 4 & 5)



Grade 8 English Language Arts
% Meeting/Exceeding (Level 4 & 5)



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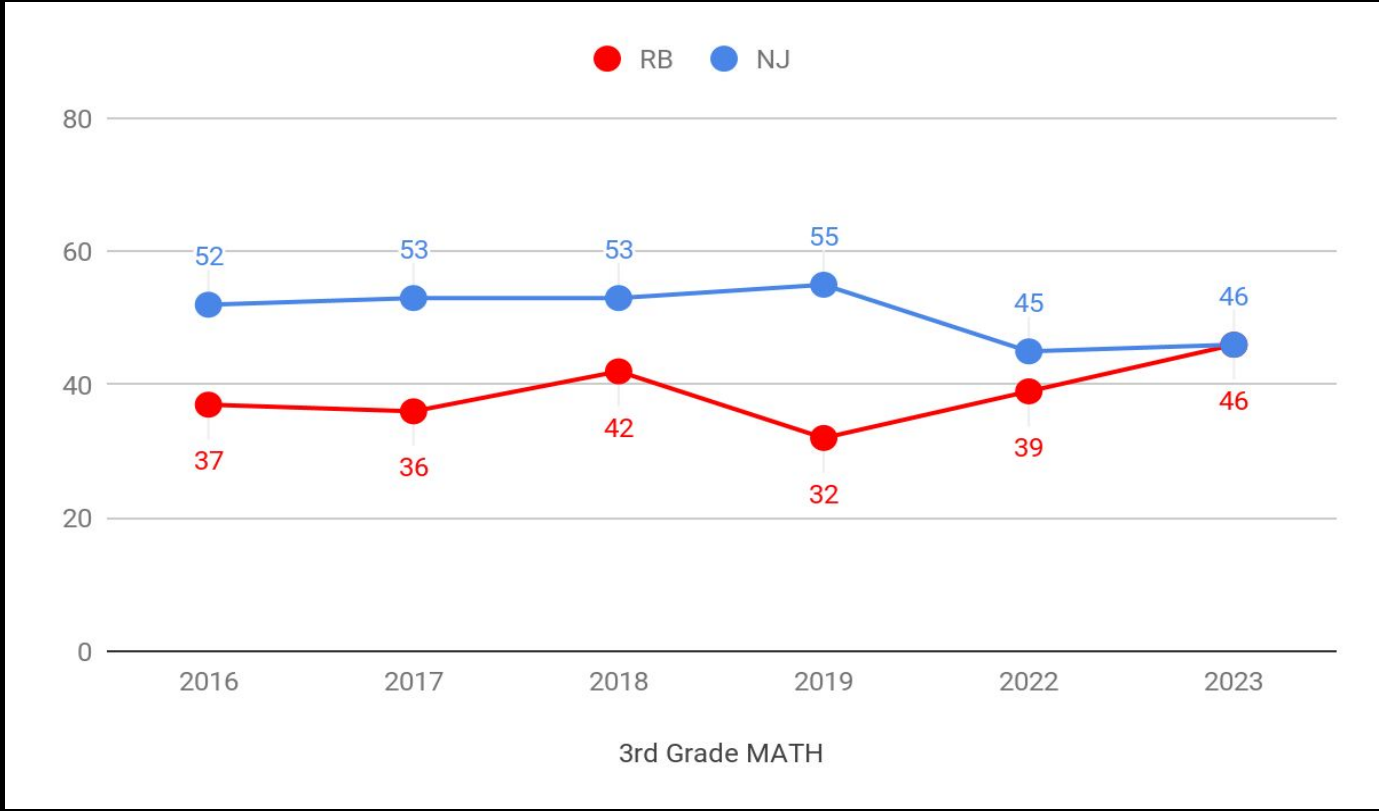
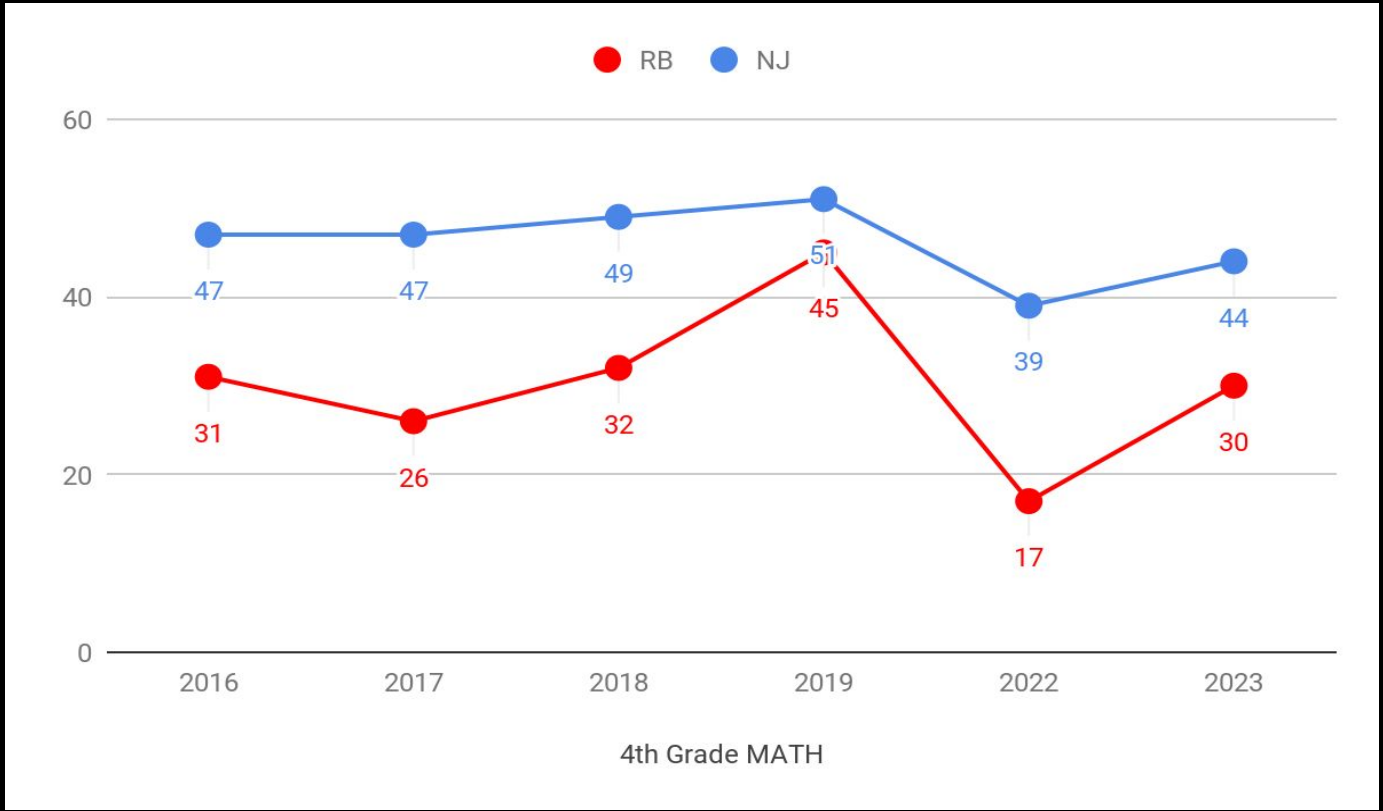
Mathematics

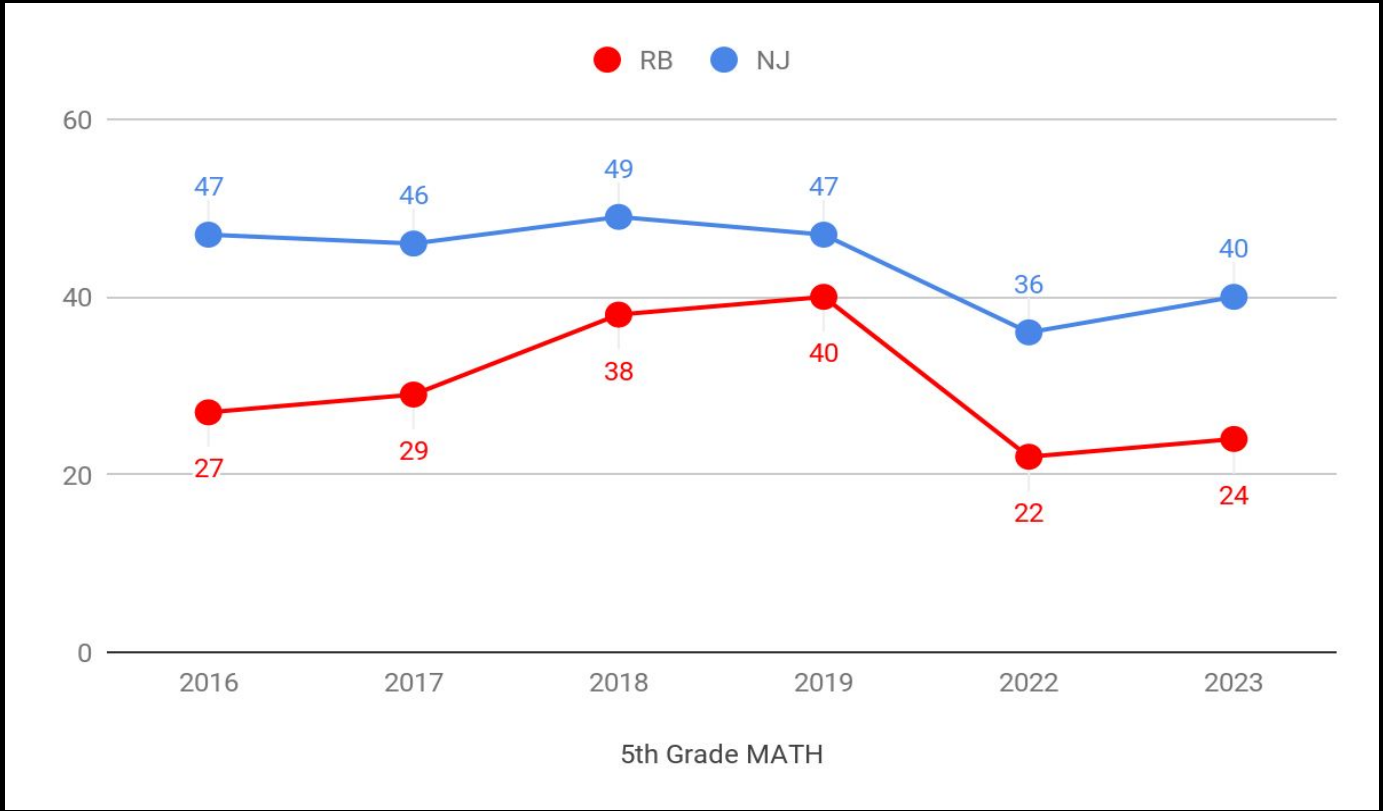
Grade 3 Mathematics
% Meeting/Exceeding (Level 4 & 5)



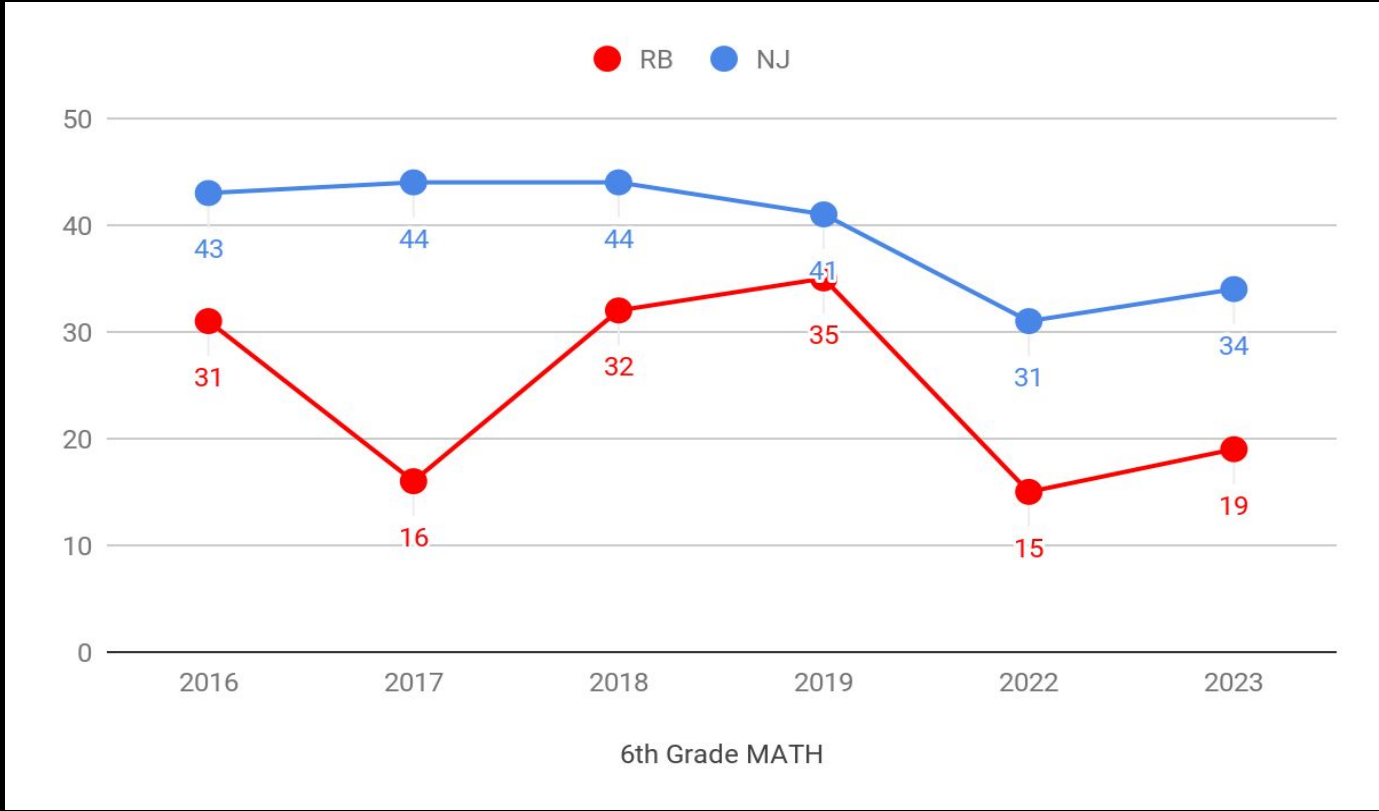
Grade 4 Mathematics
% Meeting/Exceeding (Level 4 & 5)



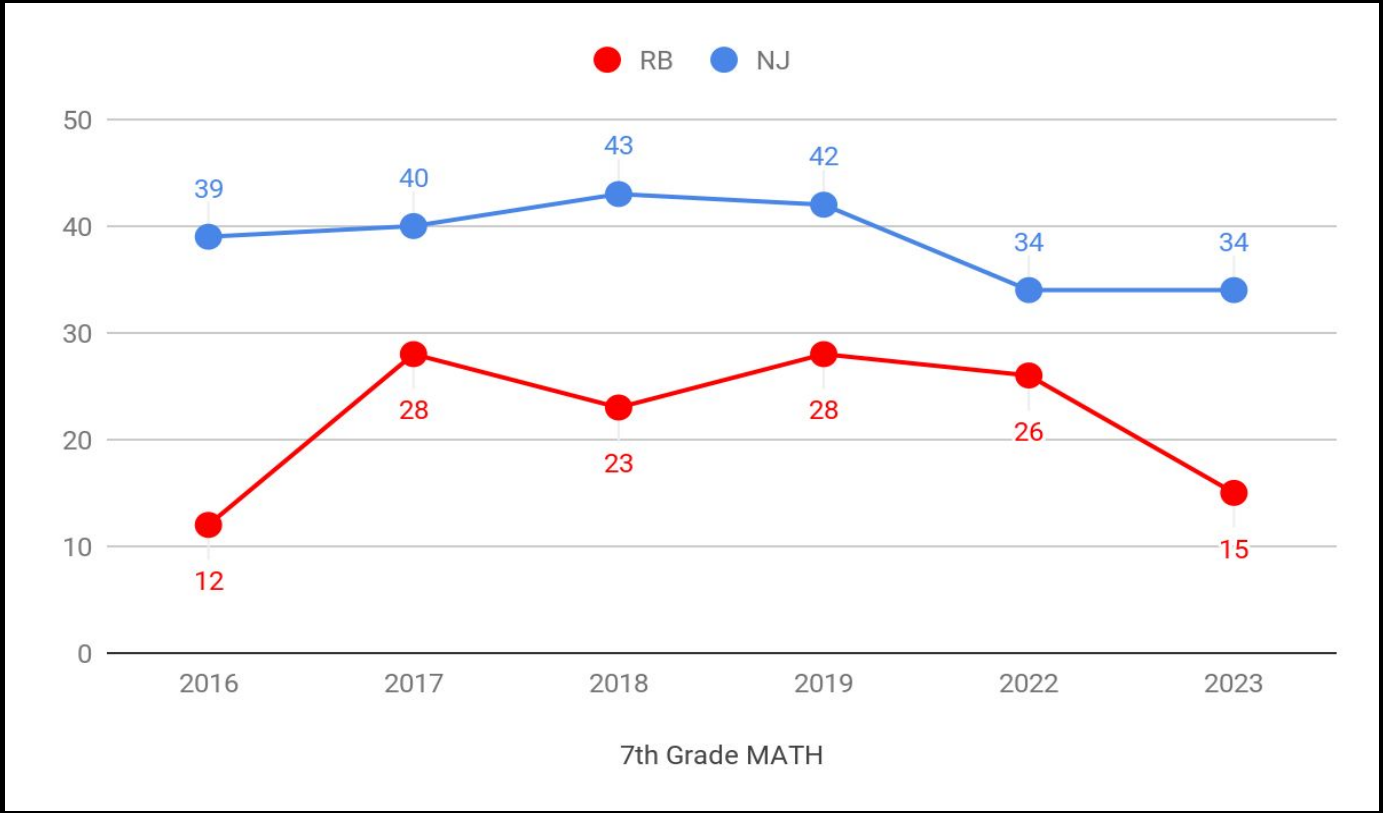
Grade 5 Mathematics
% Meeting/Exceeding (Level 4 & 5)



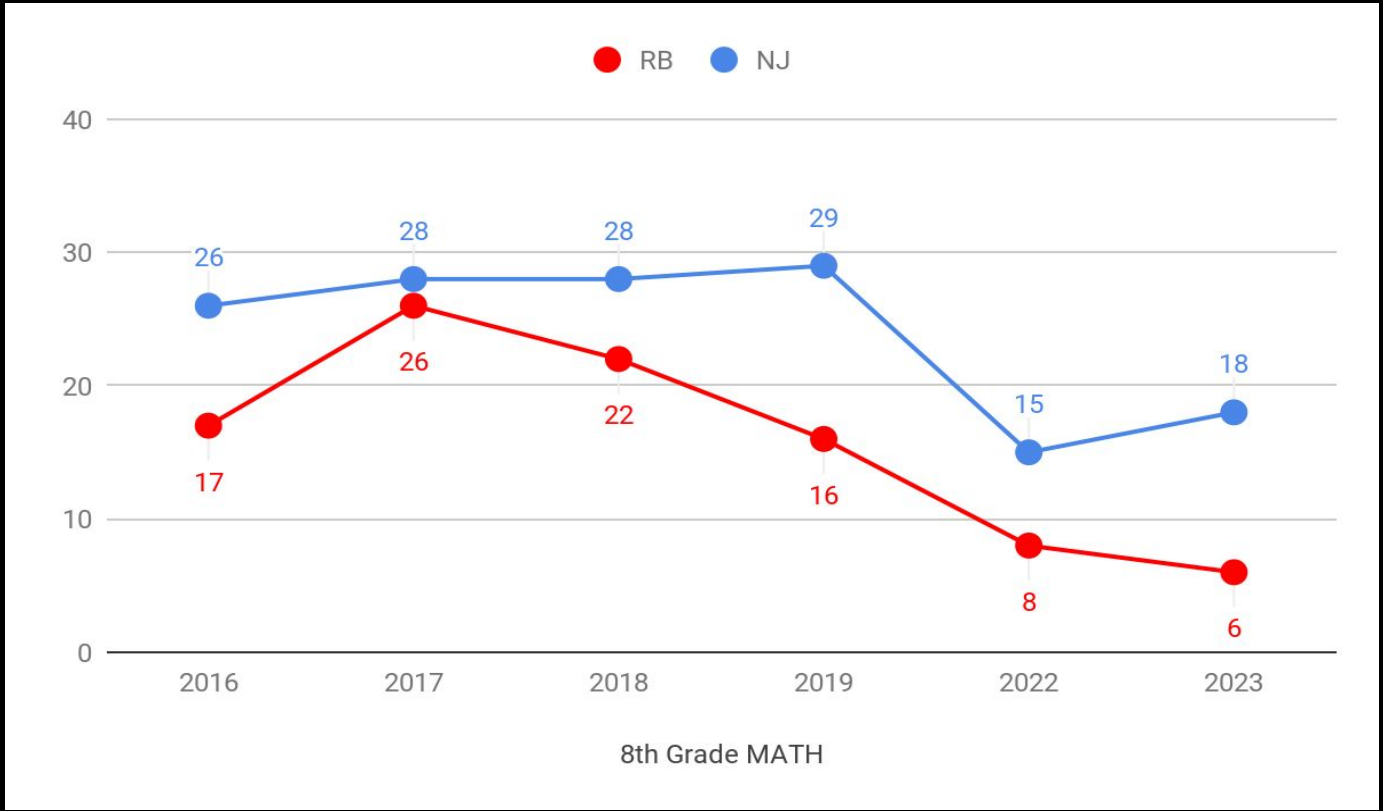
Grade 6 Mathematics
% Meeting/Exceeding (Level 4 & 5)



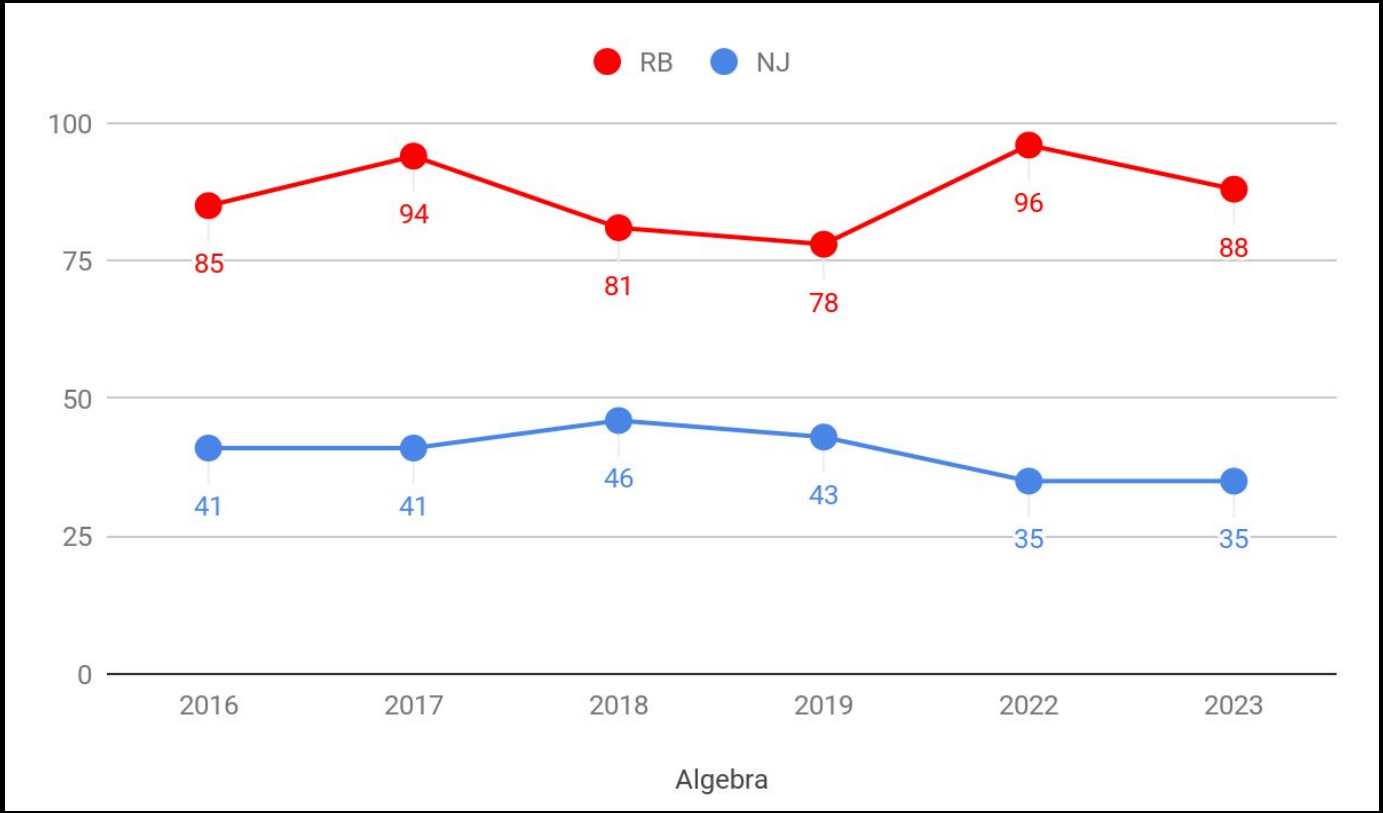
Grade 7 Mathematics
% Meeting/Exceeding (Level 4 & 5)



Grade 8 Mathematics
% Meeting/Exceeding (Level 4 & 5)



Algebra I
% Meeting/Exceeding (Level 4 & 5)



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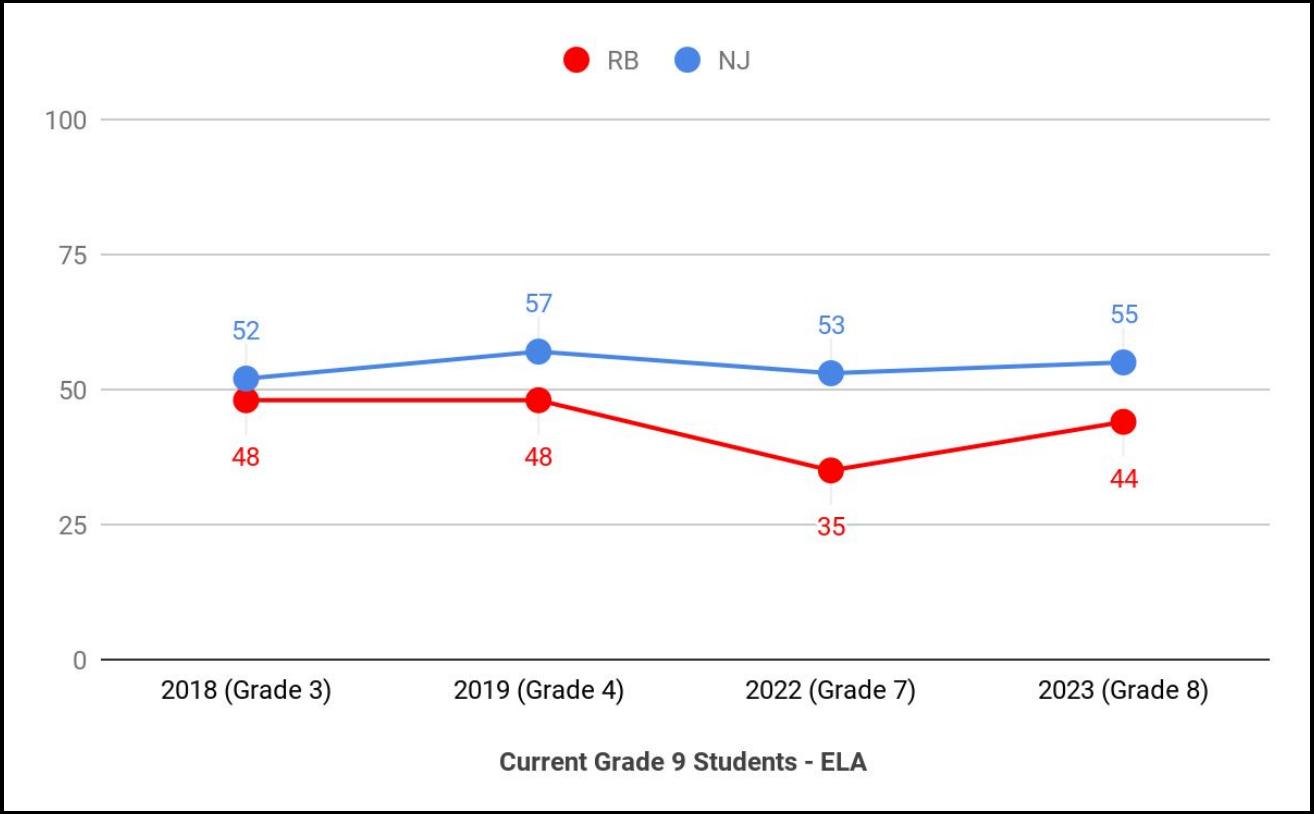
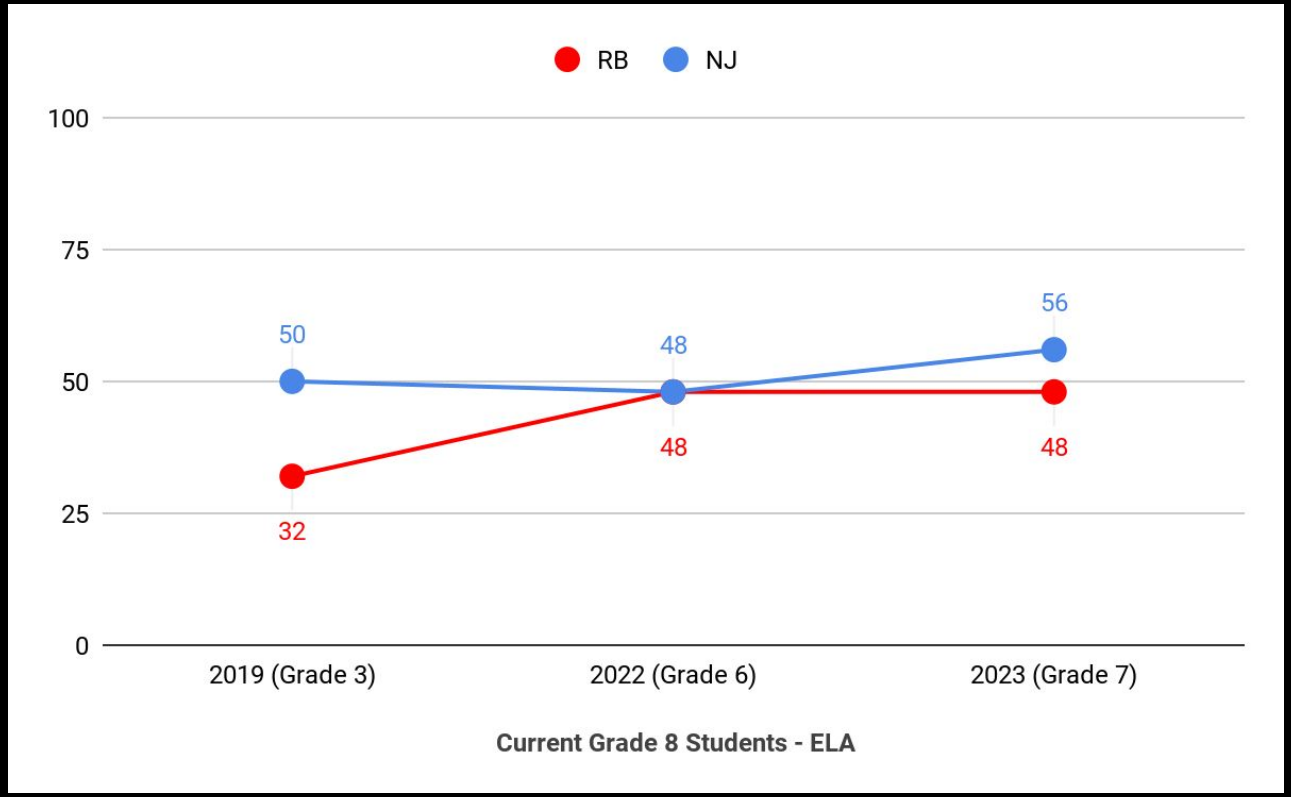
Cohort Data - ELA

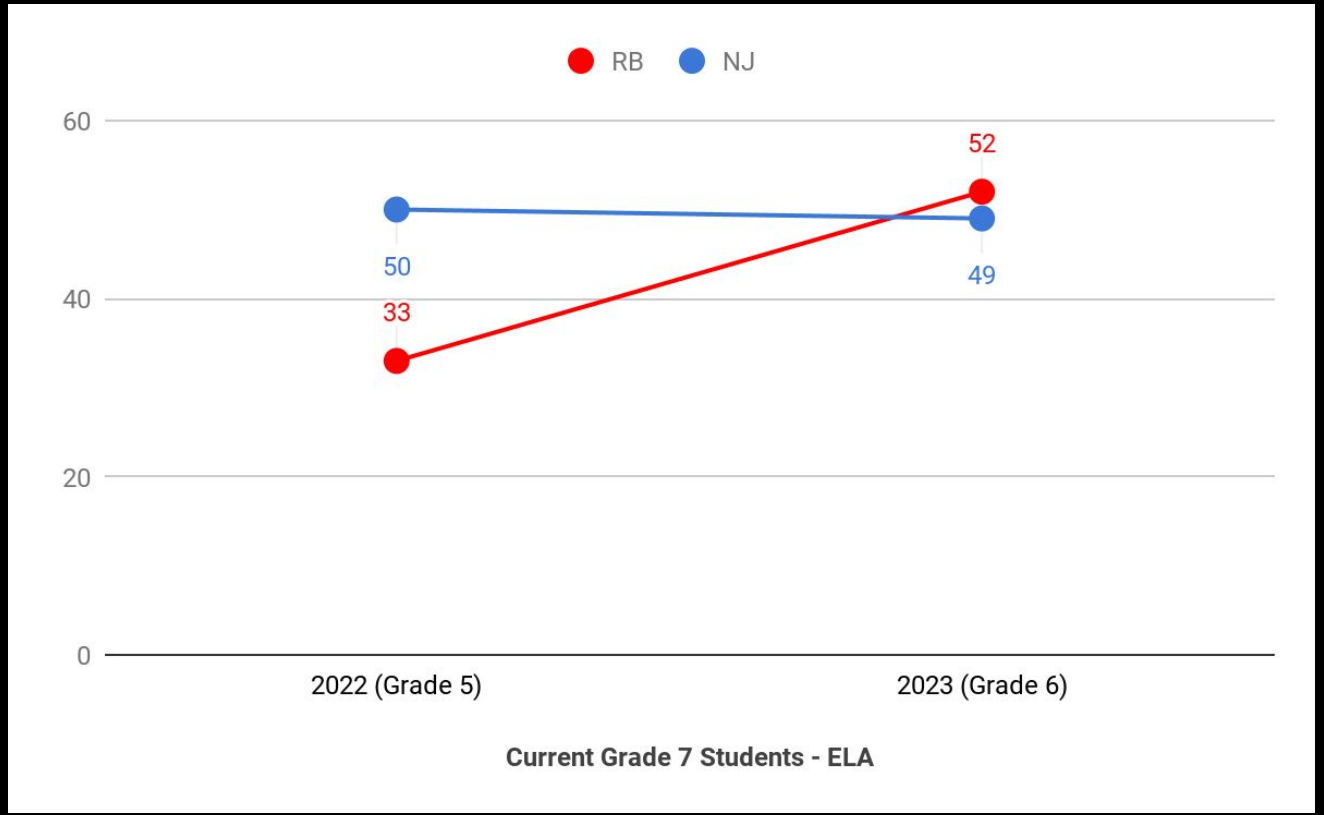
Current Grade 9 Students - English Language Arts
% Meeting/Exceeding (Levels 4 & 5)



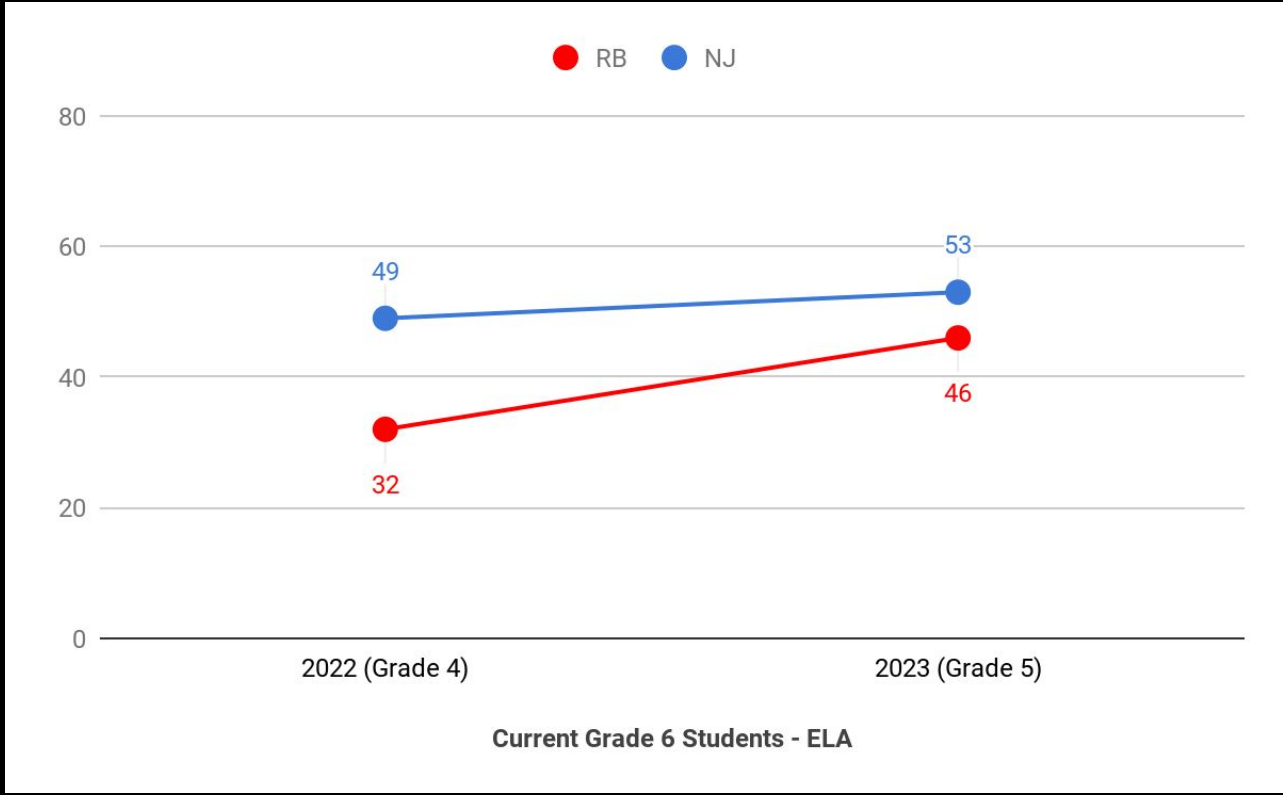
Current Grade 8 Students - English Language Arts
% Meeting/Exceeding (Levels 4 & 5)



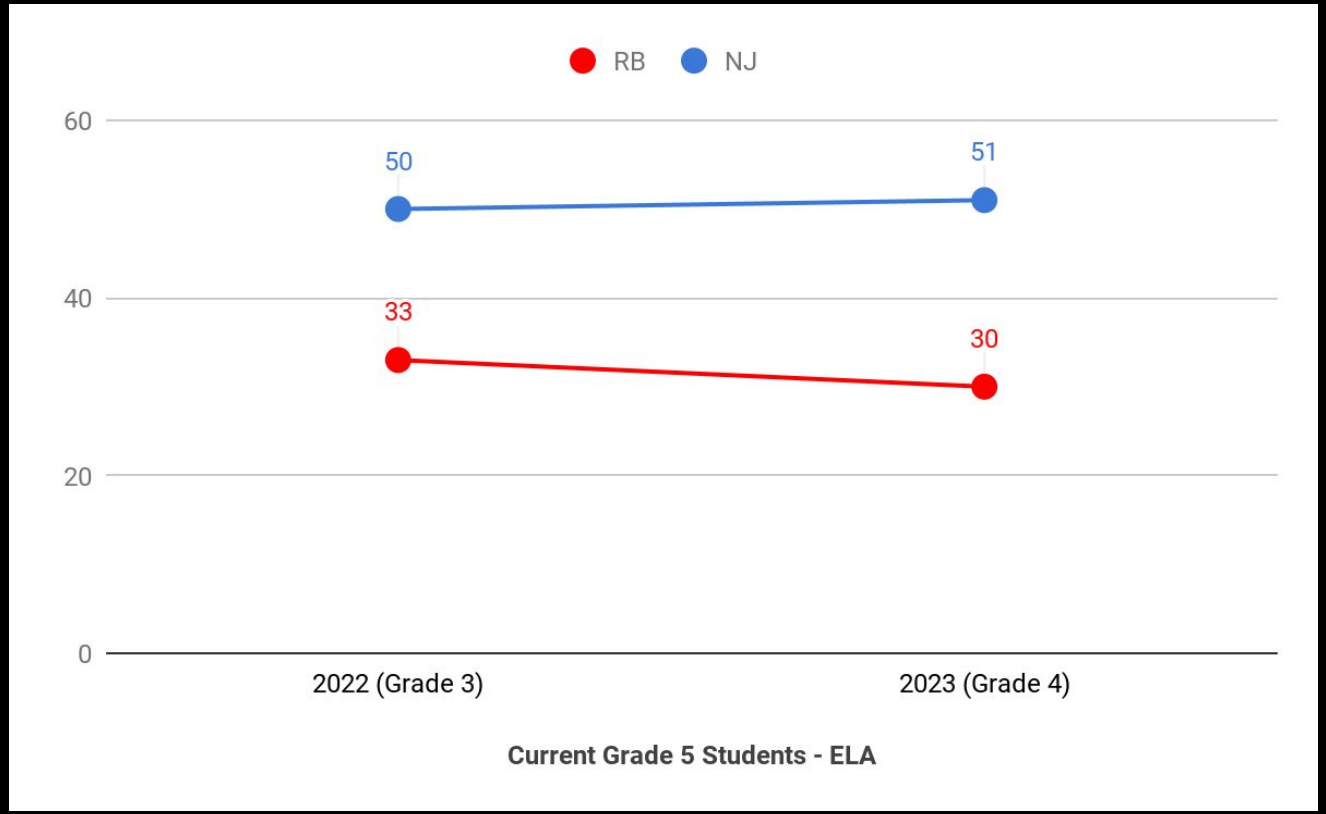
Current Grade 7 Students - English Language Arts
% Meeting/Exceeding (Levels 4 & 5)



Current Grade 6 Students - English Language Arts
% Meeting/Exceeding (Levels 4 & 5)



Current Grade 5 Students - English Language Arts
% Meeting/Exceeding (Levels 4 & 5)



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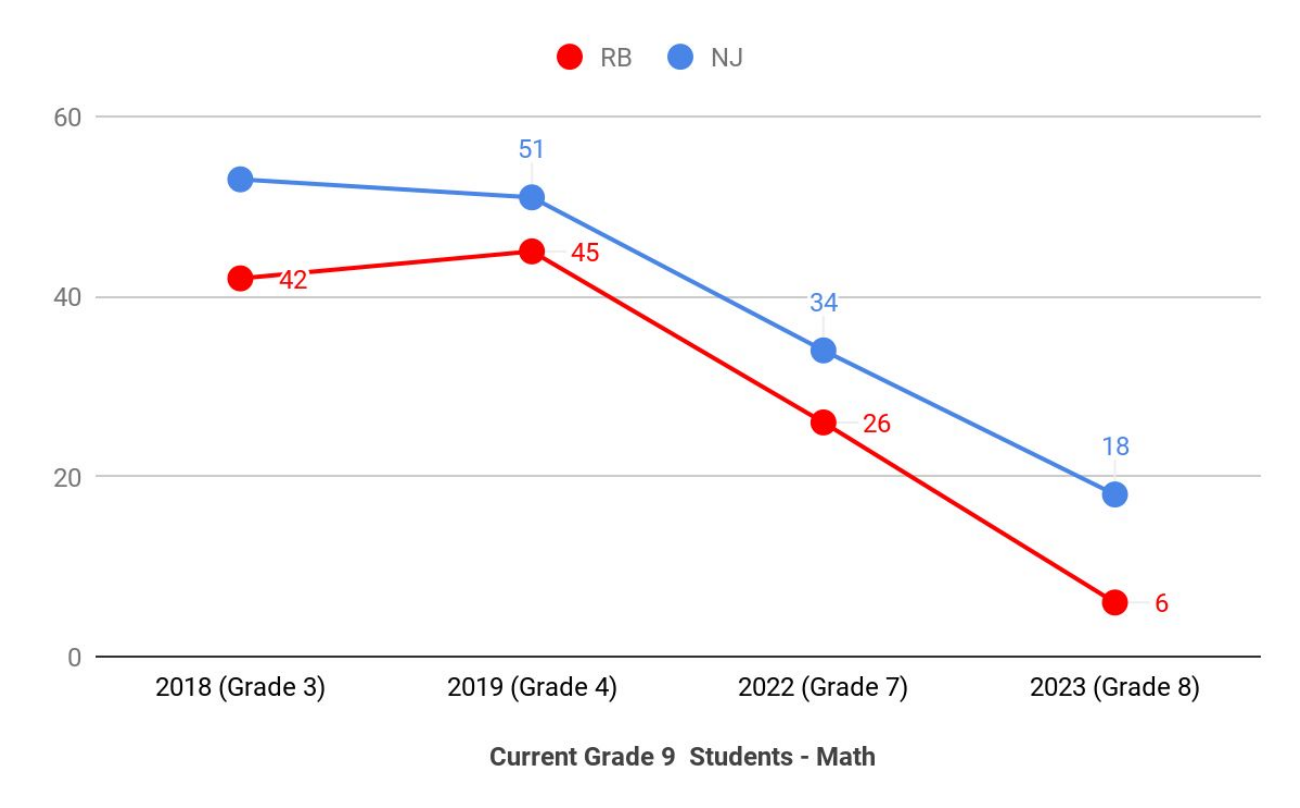
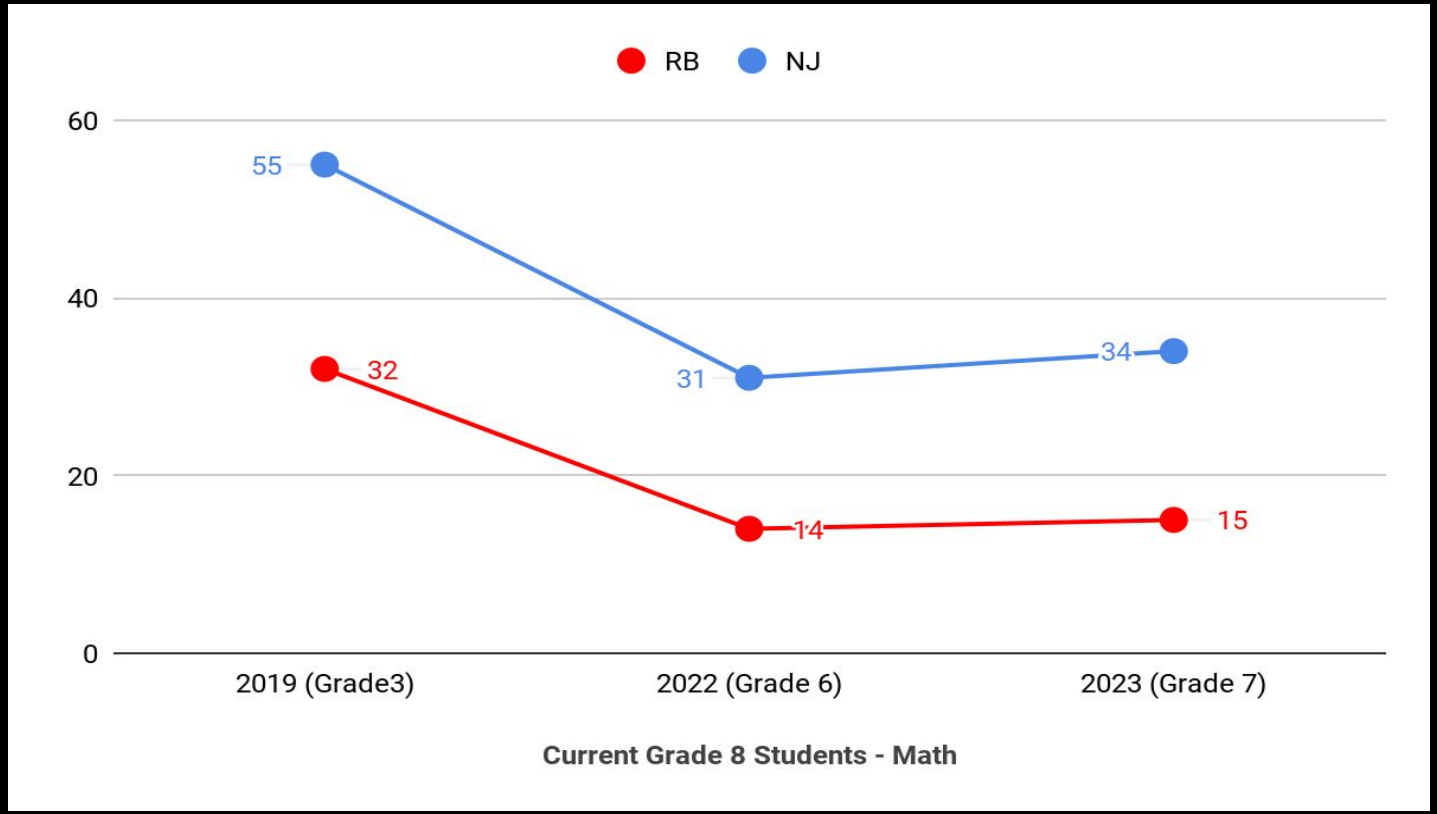
Cohort Data - Math

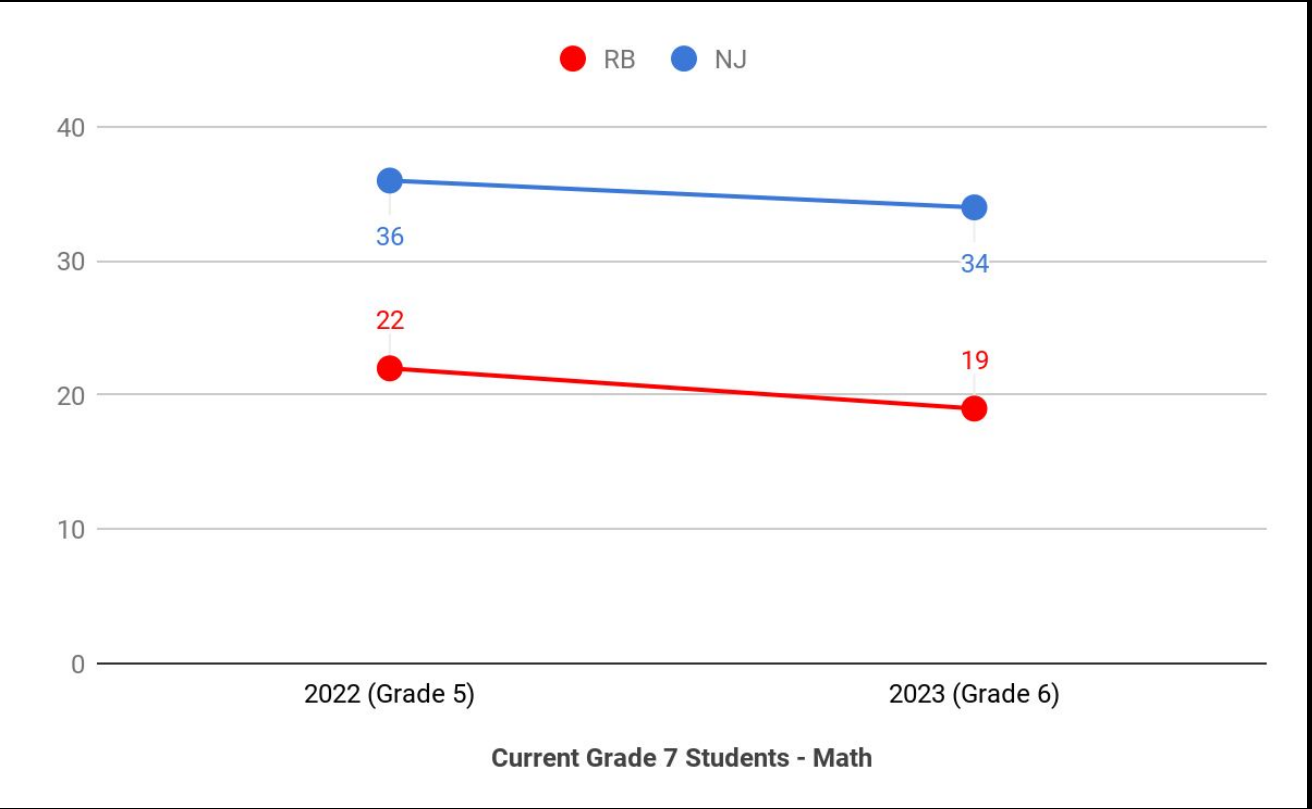
Current Grade 9 Students - Math
% Meeting/Exceeding (Levels 4 & 5)



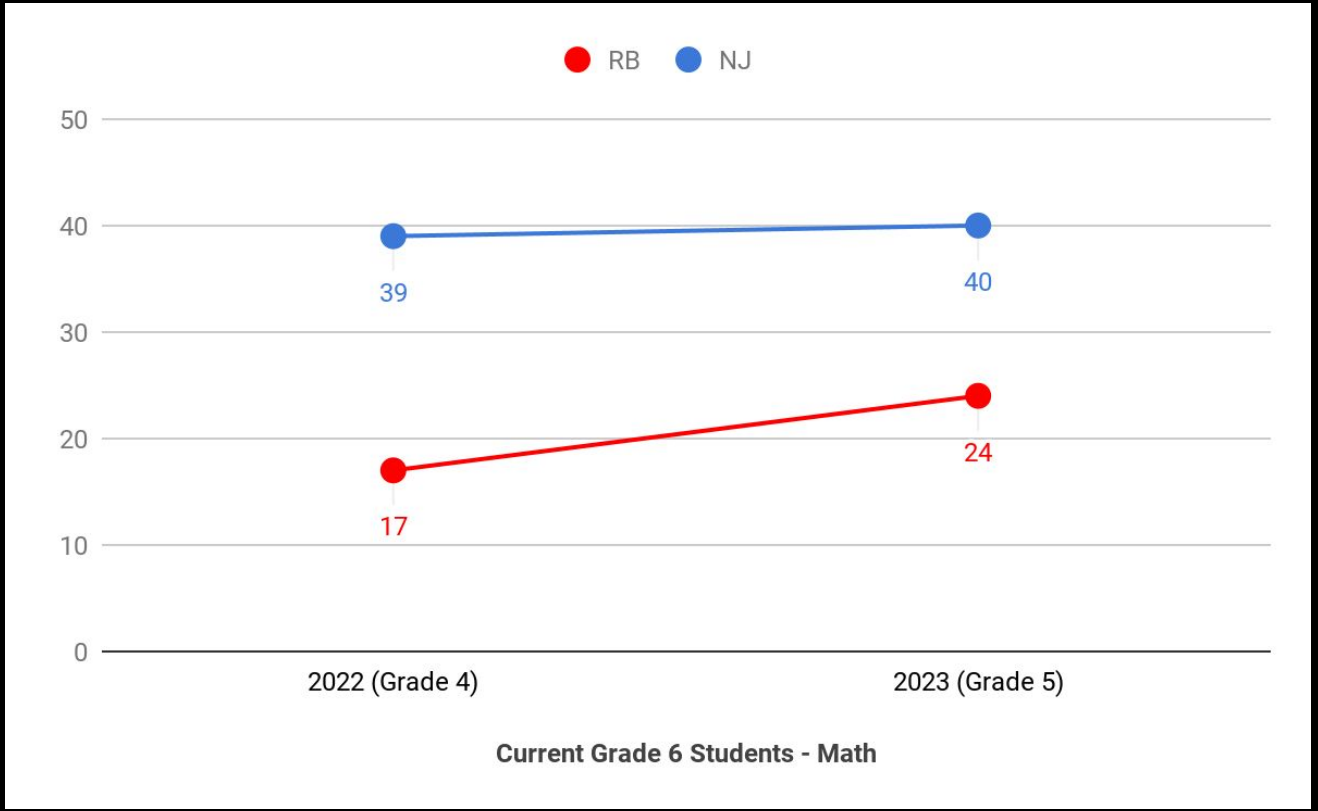
Current Grade 8 Students - Math
% Meeting/Exceeding (Levels 4 & 5)



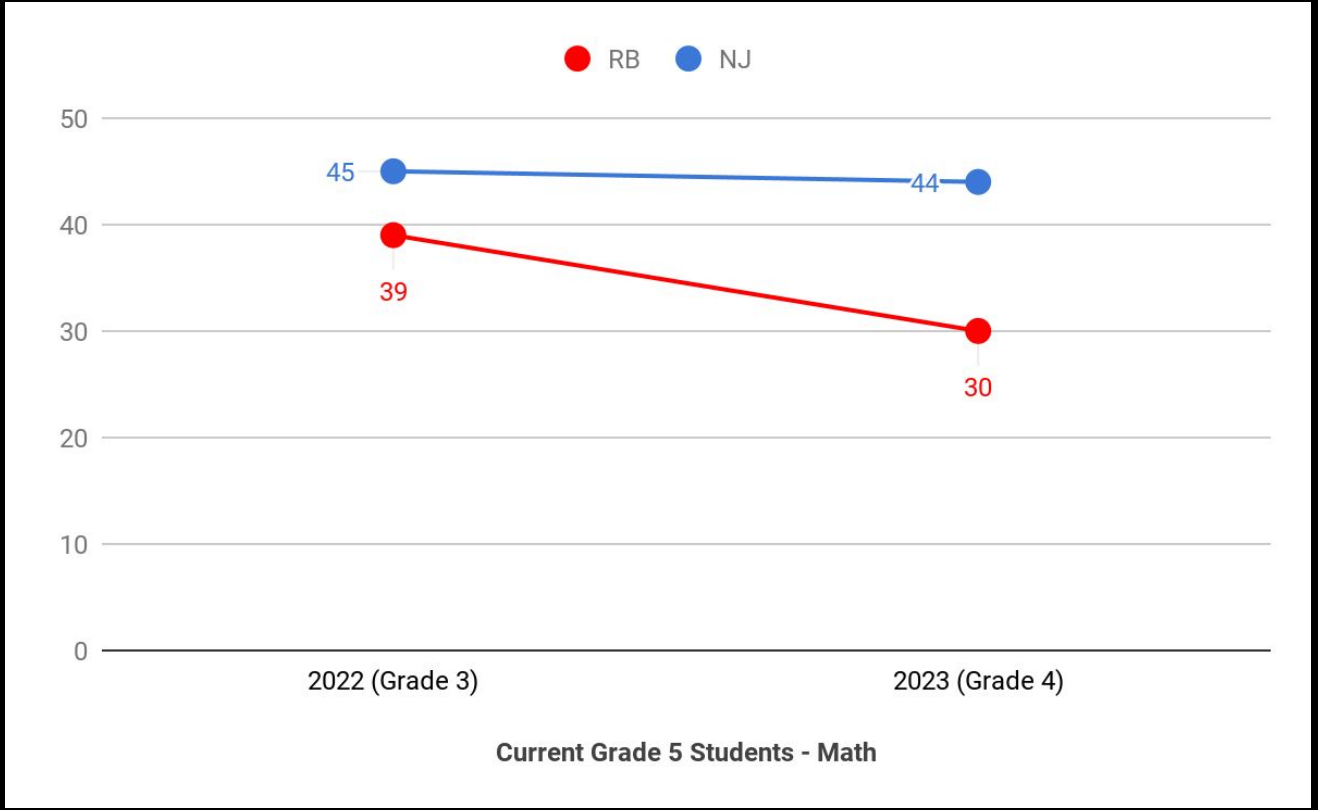
Current Grade 7 Students - Math
% Meeting/Exceeding (Levels 4 & 5)



Current Grade 6 Students - Math
% Meeting/Exceeding (Levels 4 & 5)



Current Grade 5 Students - Math
% Meeting/Exceeding (Levels 4 & 5)



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Subgroup Data

Subgroup Data - ELA Grades 3-8
% at Level 4 & 5

ELA Average	2015	2016	2017	2018	2019	2022	2023
All Students	32%	40%	41%	50%	47%	35%	43%
Female	38%	46%	48%	56%	49%	37%	47%
Male	26%	34%	33%	43%	44%	33%	38%
Hispanic or Latino	27%	37%	38%	47%	43%	33%	39%
Black or African-American	38%	39%	36%	54%	48%	25%	43%
White	62%	71%	69%	78%	80%	84%	72%
Economically Disadvantaged	28%	36%	37%	47%	44%	30%	38%
Students with Disabilities	3%	5%	21%	30%	20%	20%	9%
Multilingual Learners (ML)				17%	10%	6%	17%

Subgroup Data - Math Grades 3-8
% at Level 4 & 5

Math Average	2015	2016	2017	2018	2019	2022	2023
All Students	31%	34%	37%	38%	39%	32%	33%
Female	31%	34%	34%	36%	34%	29%	31%
Male	31%	34%	39%	41%	44%	35%	34%
Hispanic or Latino	29%	31%	36%	35%	36%	30%	30%
Black or African-American	29%	34%	25%	40%	39%	25%	29%
White	57%	51%	59%	67%	63%	64%	54%
Economically Disadvantaged	29%	32%	35%	37%	36%	30%	29%
Students with Disabilities	2%	10%	10%	15%	15%	21%	19%
Multilingual Learners (ML)				14%	12%	4%	9%

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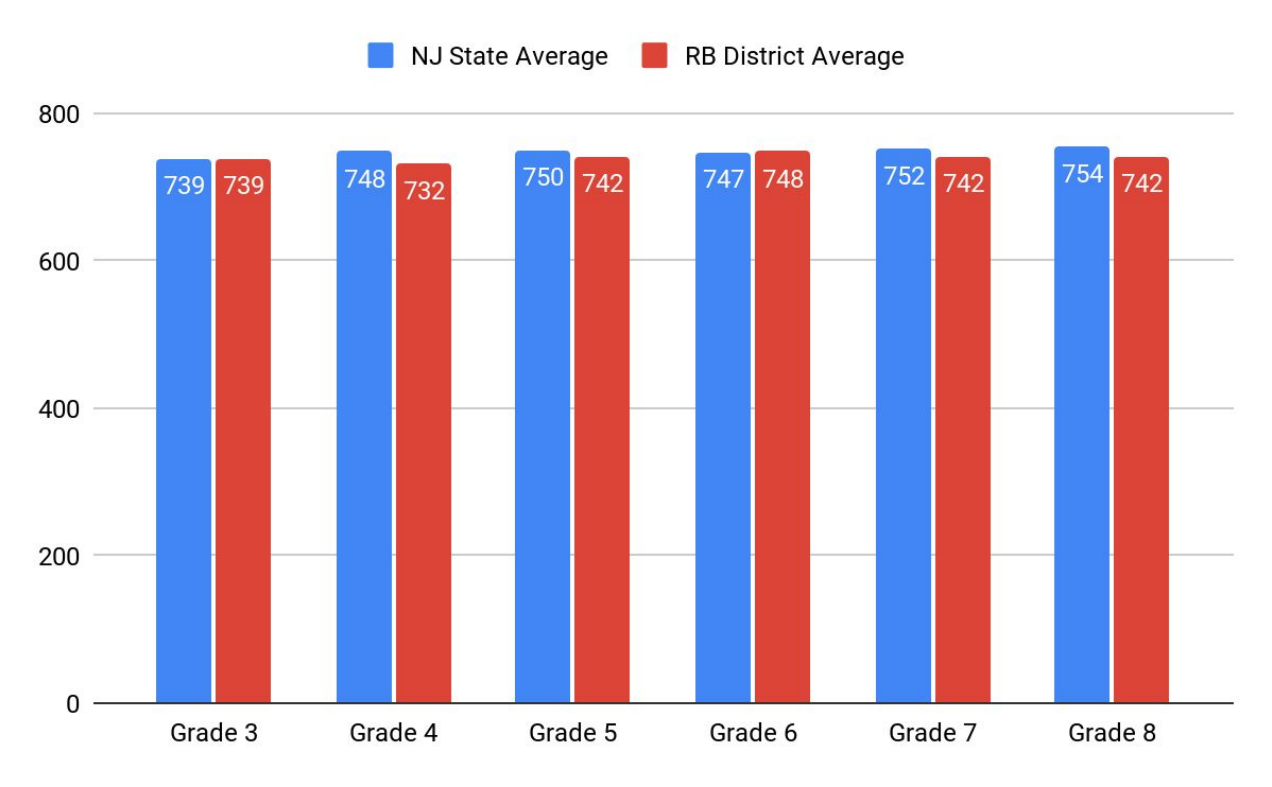
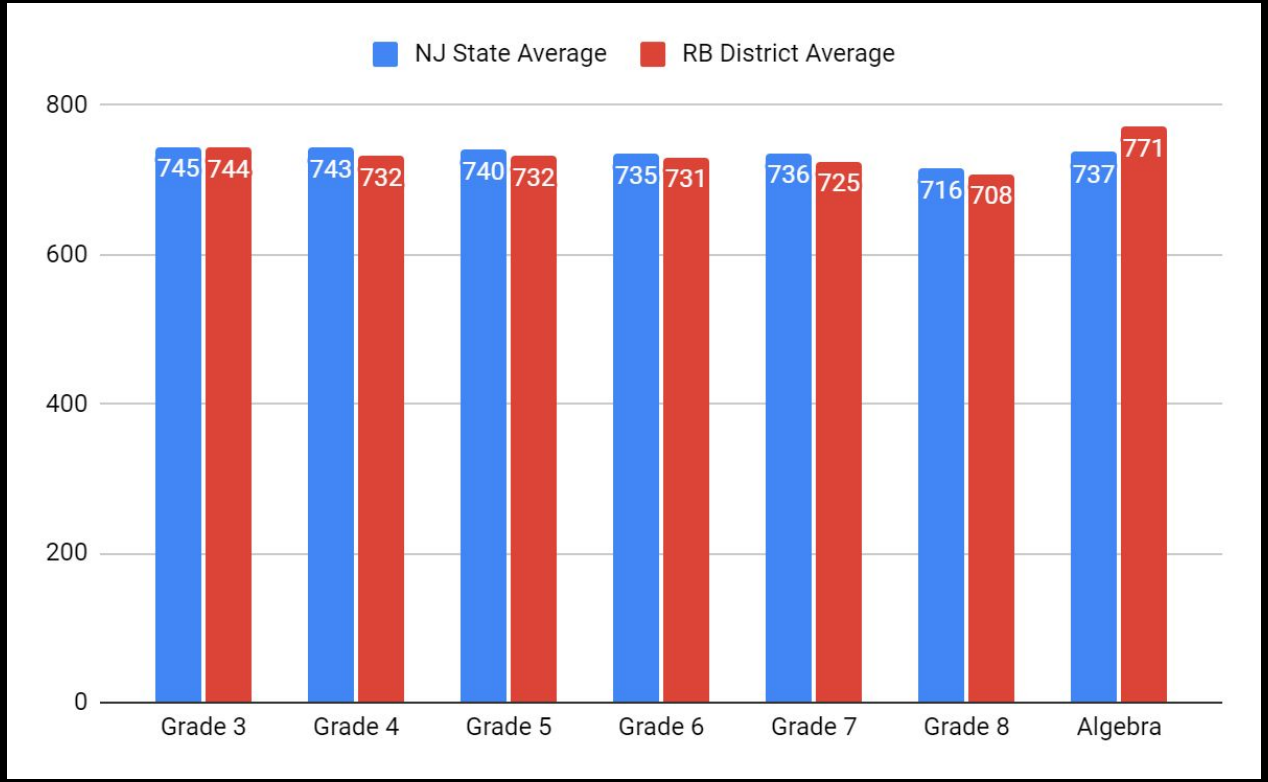
Average Scale Scores

English Language Arts
Average Scale Scores



Mathematics
Average Scale Scores



A student uses tubes of paint to draw on 1 poster and 2 shirts.

- The student uses 6 tubes of paint to draw on the poster.
- The number of tubes used for the poster is 3 times the number of tubes used for each shirt.
- Each tube contains $\frac{1}{3}$ ounce of paint.

How many ounces of paint does the student use for 1 shirt? How many ounces of paint does the student use to make 1 poster and 2 shirts? Show your work or explain your answers.

Enter your answers and your work or explanation in the space provided.

Math symbols

+	−	×	÷
		(	)
[	]	=	<
>	≠	$	°
?			

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Science

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NJSLA Science (Grades 5 & 8)

- Provides a snapshot of student performance on the NJ Student Learning Standards for Science
  - Rigorous standards
  - Focuses on the application of science knowledge and skills rather than memorization of content
  - Many complex and sophisticated texts requiring synthesis of charts, maps, and informational texts
- Domains
  - Life, Physical & Earth/Space
- Practices
  - Investigating, Sensemaking & Critiquing

NJSLA Science Performance Levels

Delineate the knowledge, skills, and practices students are able to demonstrate.

Level 4: Advanced Understanding
Level 3: Appropriate Understanding
Level 2: Limited Understanding
Level 1: Minimal Understanding

Grade Level Data - New Jersey & Red Bank

		LEVEL 3	LEVEL 4	LEVEL 3 & 4
Grade 5	NJ 2022	19%	7%	**26%**
	NJ 2023	21%	6%	**27%**
	RB 2022	7%	4%	**11%**
	RB 2023	9%	1%	**10%**
Grade 8	NJ 2022	12%	4%	**16%**
	NJ 2023	14%	4%	**19%**
	RB 2022	7%	1%	**8%**
	RB 2023	4%	1%	**5%**

Sub-Group Data - Grade 5

SUB-GROUP	LEVELS 3 & 4	
	2022	2023
All Students	11%	10%
Female	8%	6%
Male	14%	13%
Hispanic or Latino	9%	8%
Black or African American	13%	0%
White	67%	50%
Students with Disabilities	3%	0%
Current ML	0%	0%
Economically Disadvantaged	7%	8%

Sub-Group Data - Grade 8

SUB-GROUP	LEVELS 3 & 4	
	2022	2023
All Students	8%	5%
Female	6%	7%
Male	10%	2%
Hispanic or Latino	6%	2%
Black or African American	11%	0%
White	25%	50%
Students with Disabilities	4%	0%
Current ML	0%	0%
Economically Disadvantaged	6%	3%

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Next Steps

Response to Data Analysis - Interventions

- Walkthrough Observations (PS and MS)
- Leadership Team Learning Walks
- Continuing Before/After School & Summer Programming
- Utilizing Data to Inform Instruction
- Leadership Team Data Carousels
- 50 Hours Minimum of PLC Time (Grade Level & Content)
- Optimal Class Sizes K-8
- RtI - Meetings, Action Plans & Home-School Connection
- Continued Professional Learning
- Assist ALL Students in ALL Content Areas
    - Reading & Critical Thinking - NOT just scientific content

Response to Data Analysis - Interventions

- SEI (Sheltered English Instruction) Implementation
- Literacy & Special Education Coach
- Literacy Intervention (6 Total K-8)
- Co-Teaching (District)
- IXL & F&P Benchmarks
- ESL Teachers Supporting ALL Learners
  - Newcomers & Special Education LLD Classes
- ESL Vertical PLC Sessions - Share Best Practices
- Instructional Leadership Team Meetings

Data Digs

- Conducted during PLC Time and Professional Learning Days
- Examine current and past class/grade-level performance
- Compare NJSLA scores to IXL & ACCESS
- Analyze Sub-Group Data, Evidence Statement Analysis & Content Standards Rosters
- Reference NJDOE Digital Item Library to improve assessments
- Determine and implement supports for educators, students and parents
- Audit curriculum and assessments to ensure alignment to the rigor of NJSLA and equity/access to learning opportunities

QUESTIONS?