



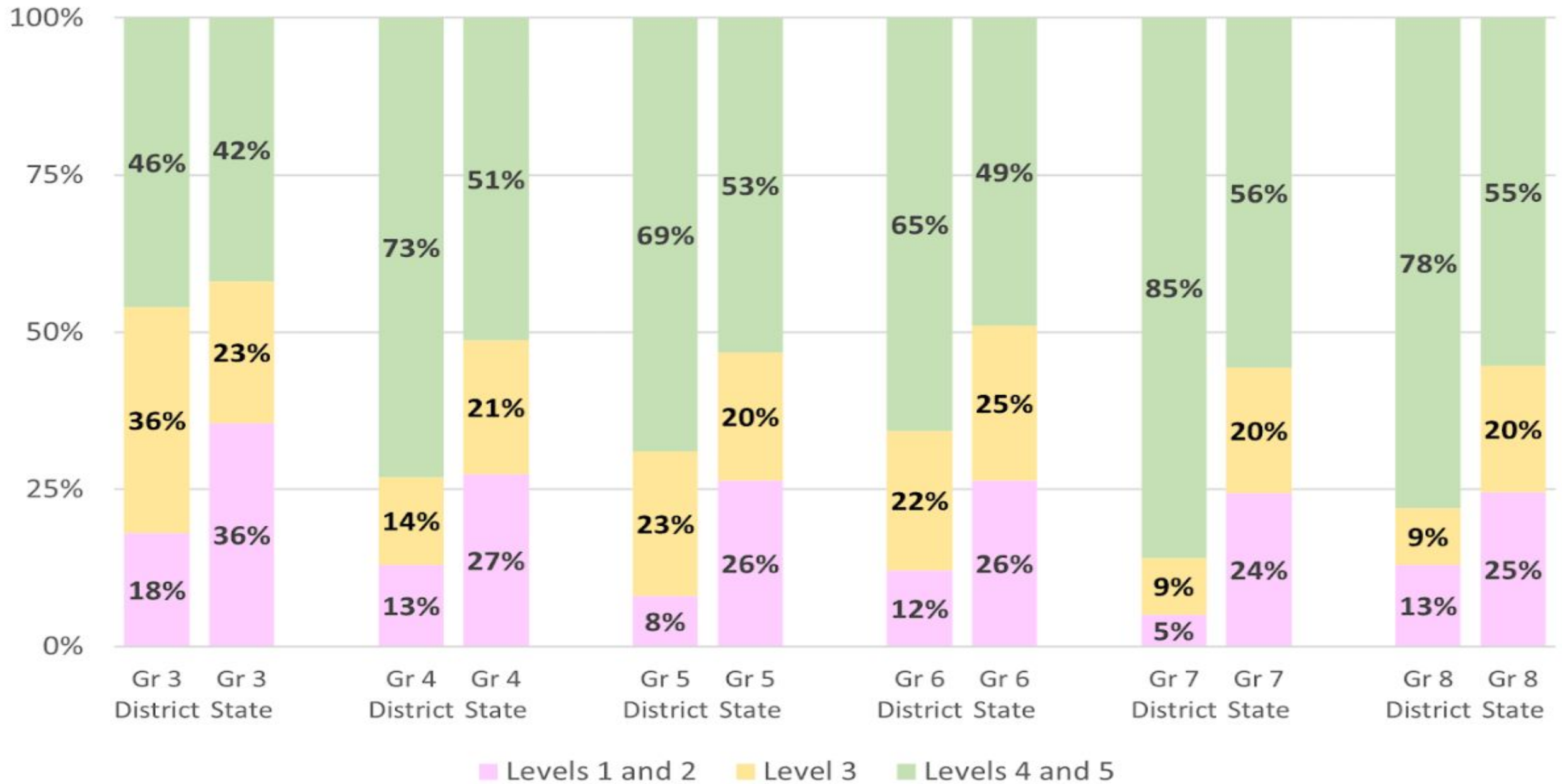
NJSLA Results: Spring 2023 Administrations

Watchung Borough School District

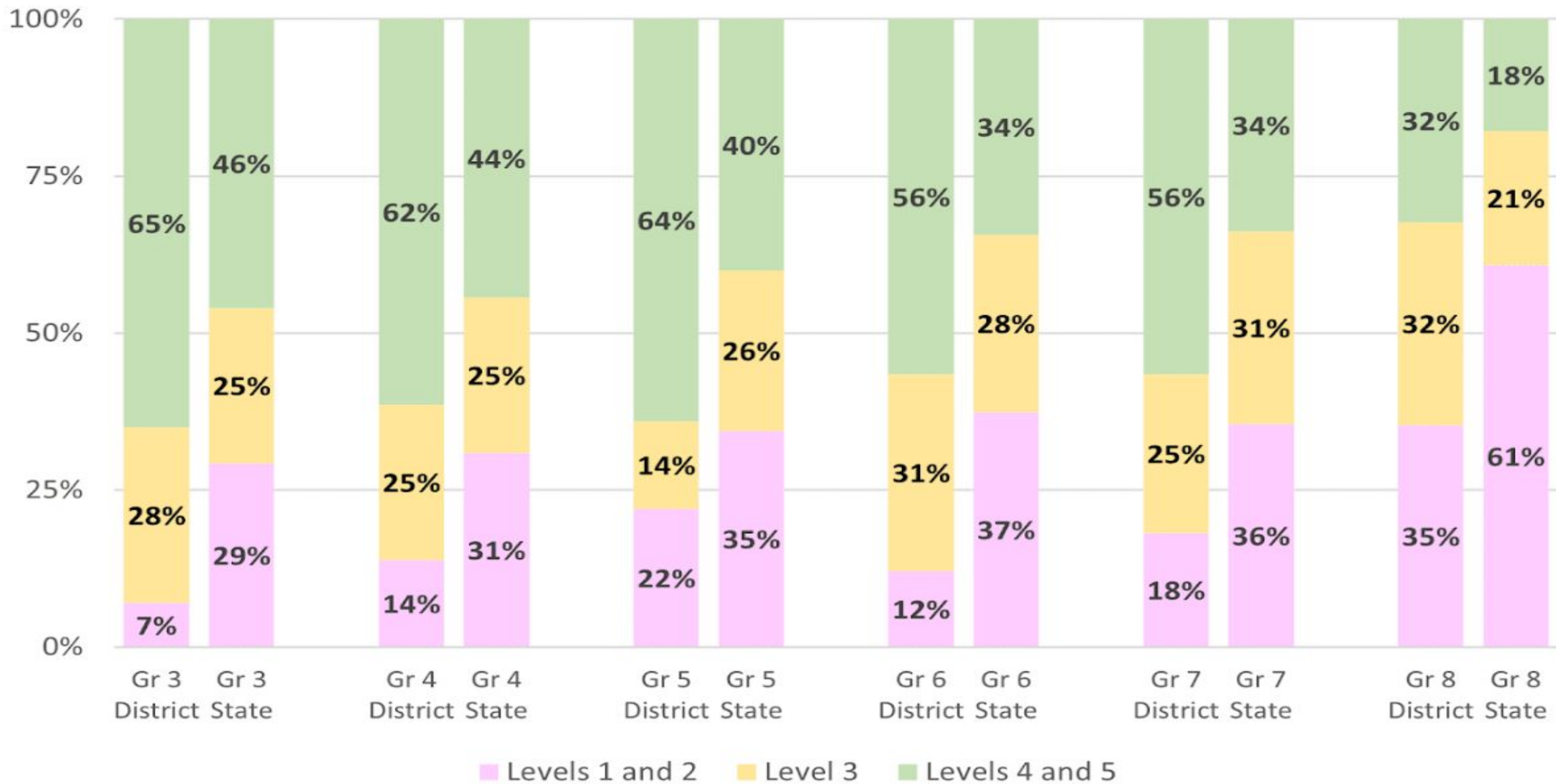
November 2023



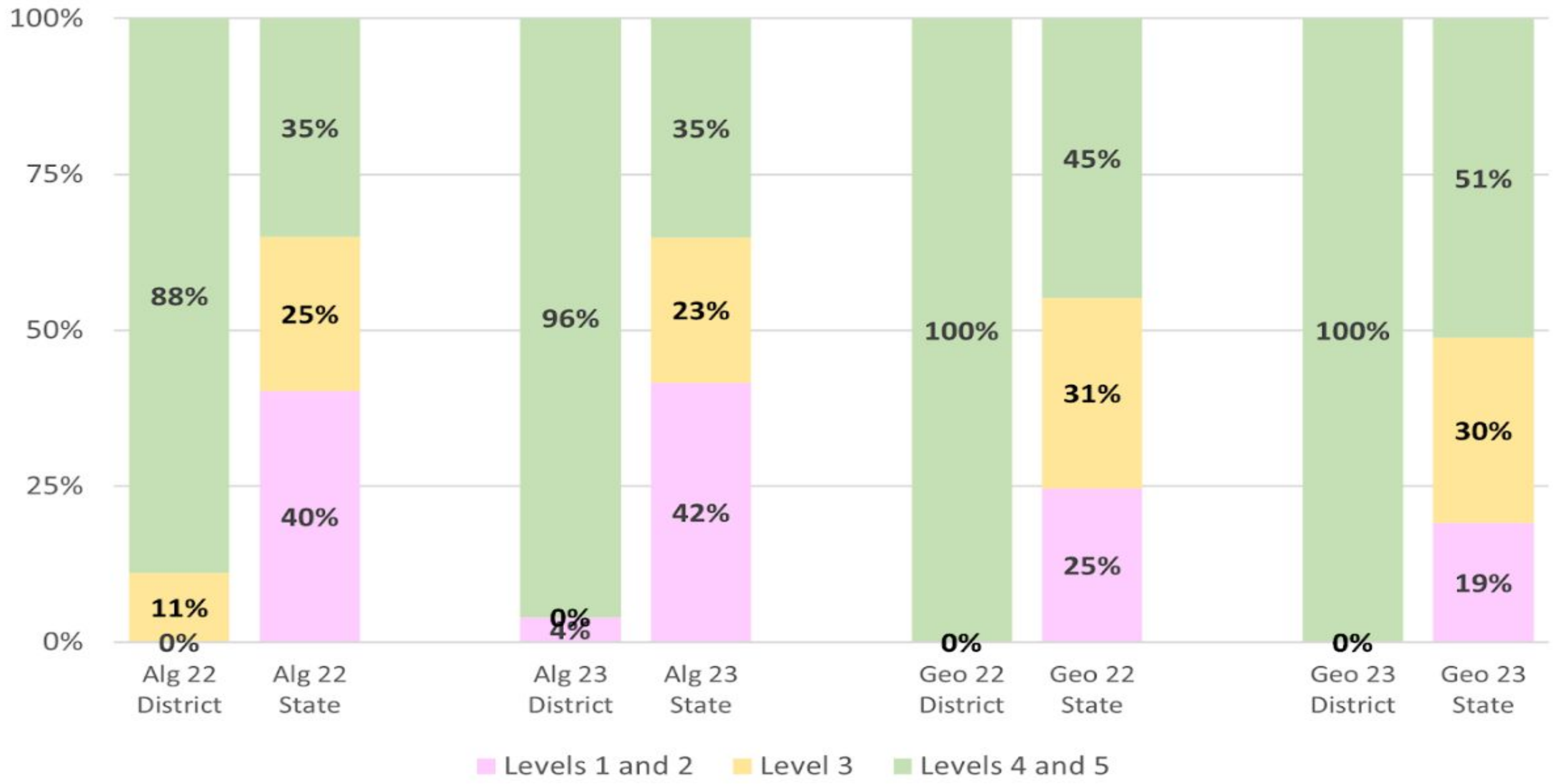
2023 Grades 3-8 NJSLA ELA Results Comparison District vs. State



2023 Grades 3-8 NJSLA Math Results Comparison District vs. State



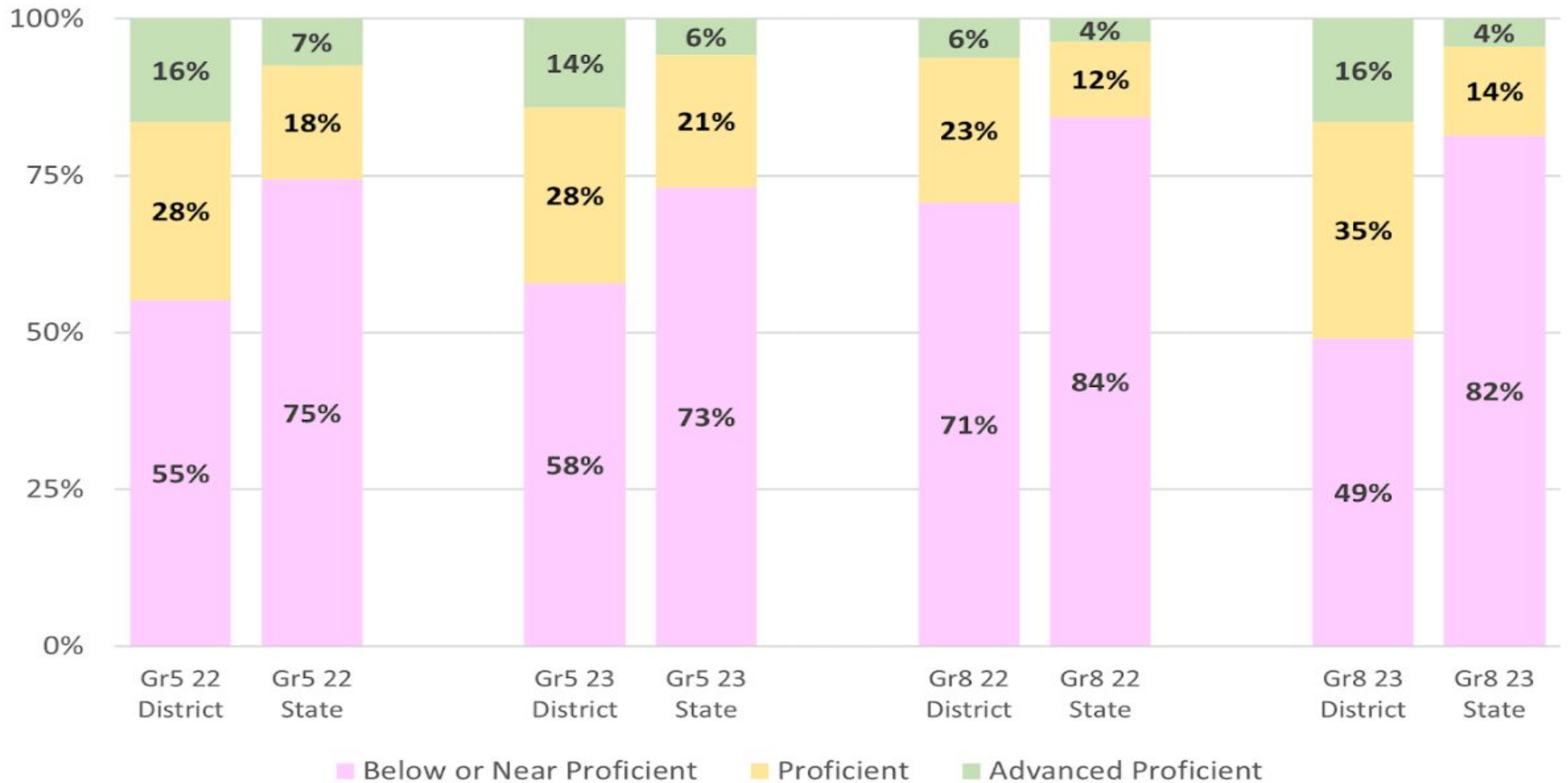
2022-2023 NJSLA Algebra 1 and Geometry Results District vs. State



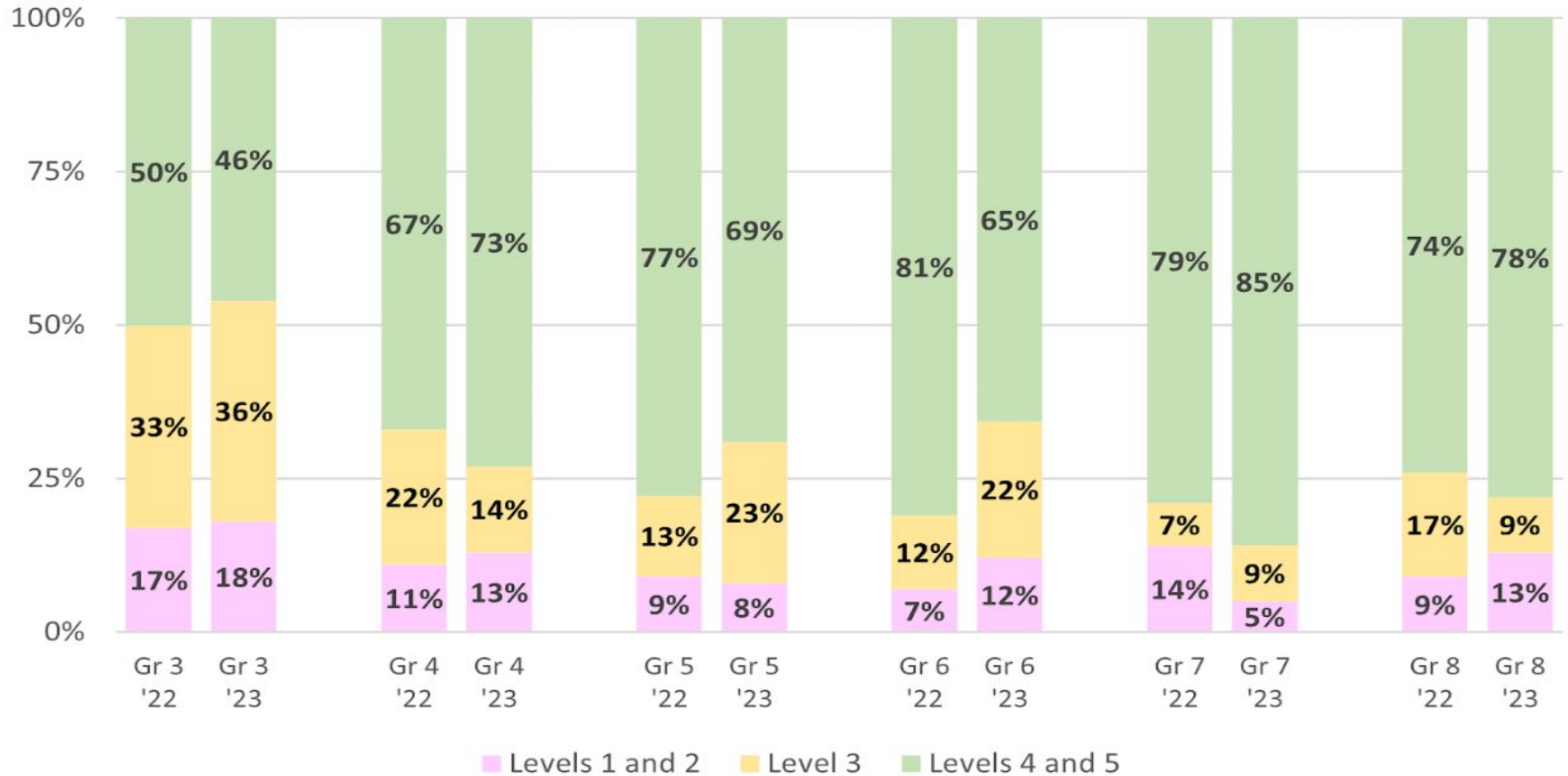


- **Grade 8 data:** Some students in grade 8 participated in the Algebra I assessment in place of the 8th grade Math assessment. Thus, Math 8 outcomes are not representative of grade 8 performance as a whole.
- **Algebra 1, 2 and Geometry data**
- Percentages may not total 100 due to rounding.

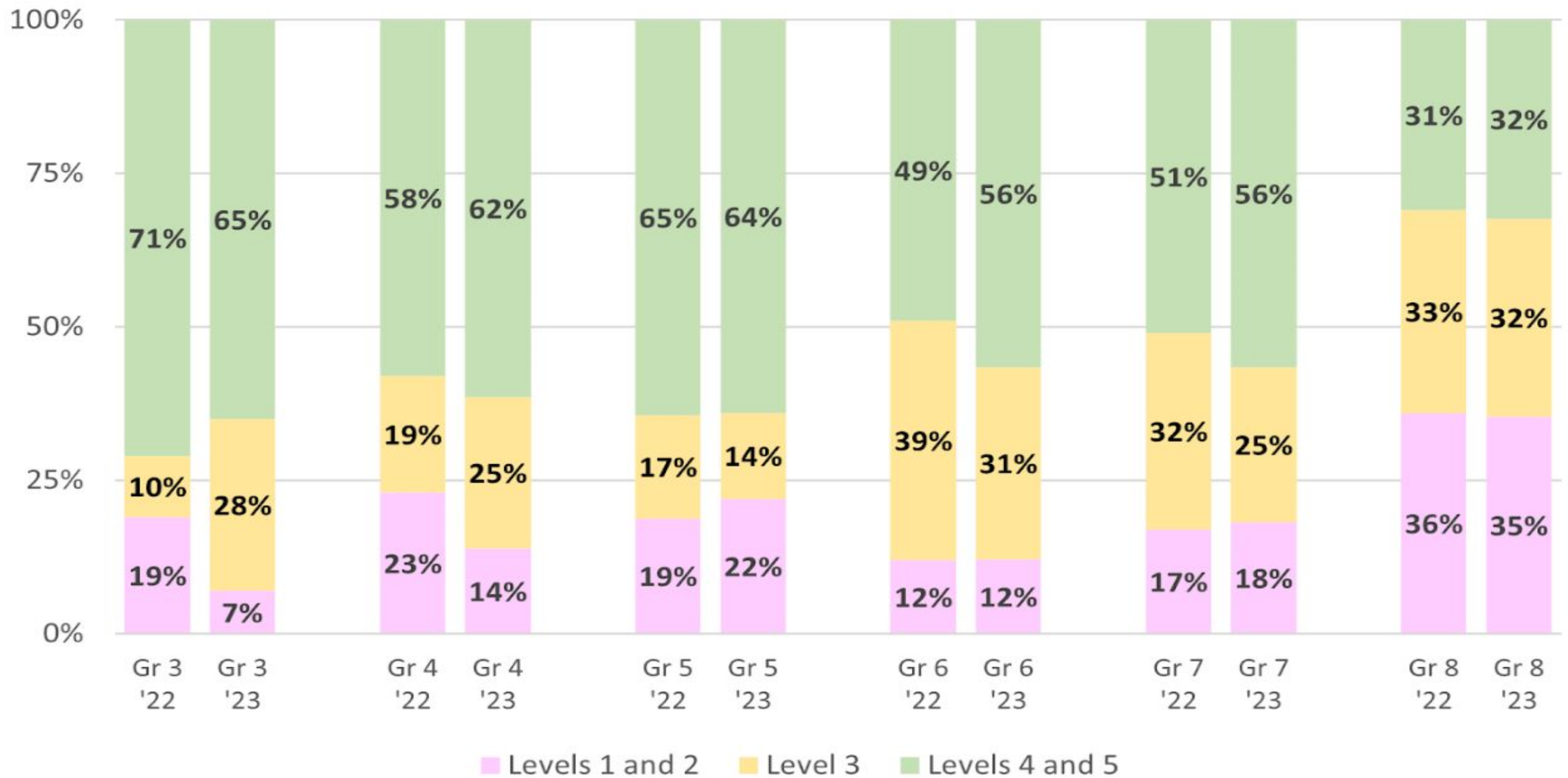
2022-2023 NJSLA Science Results District vs. State



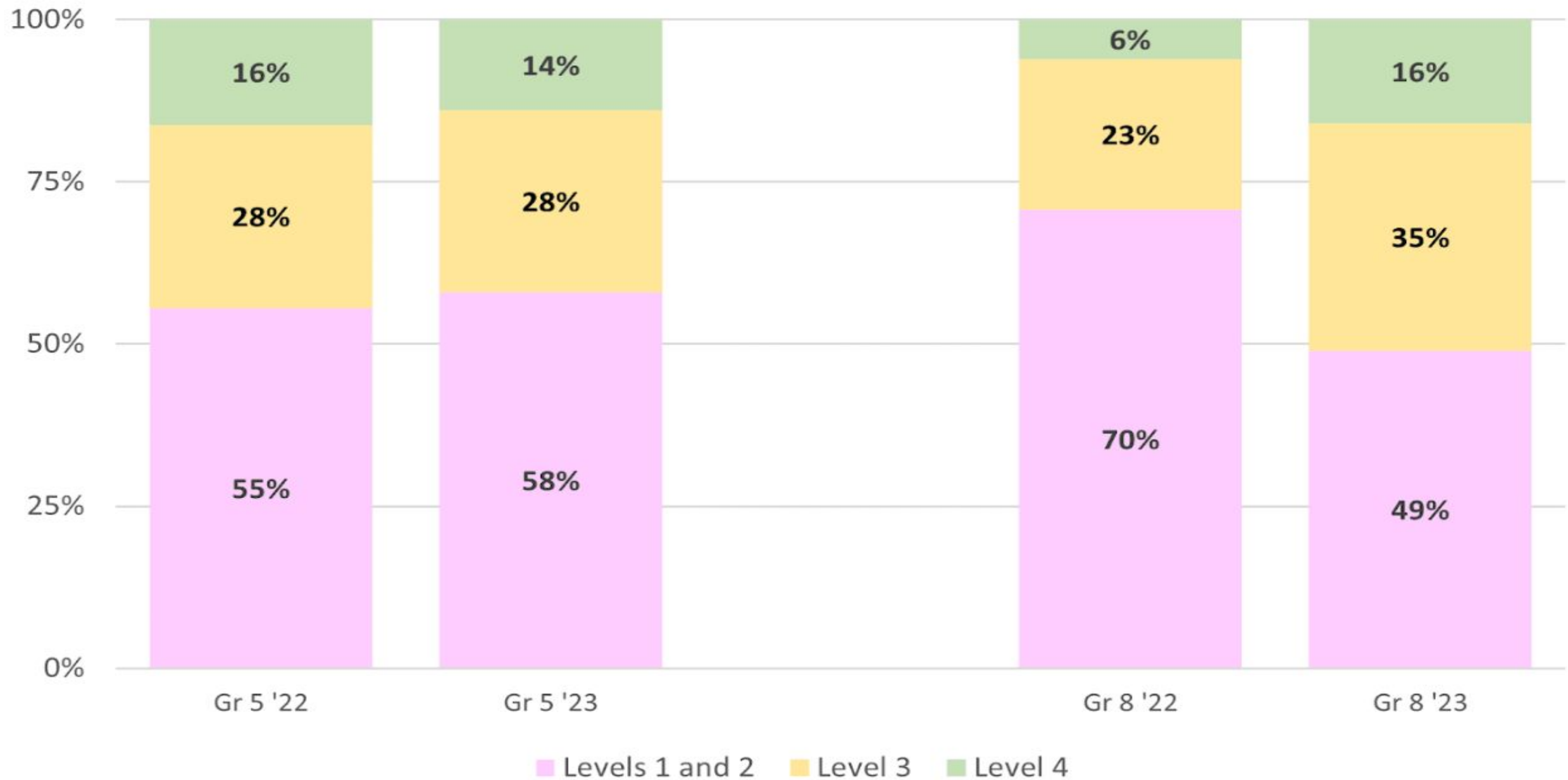
Grades 3-8 NJSLA ELA Results Comparison 2022 to 2023



Grades 3-8 NJSLA Math Results Comparison 2022 to 2023



Grades 5 and 8 NJSLA Science Results Comparison 2022 to 2023



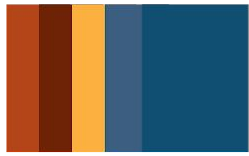


ACCESS for English Language Learners

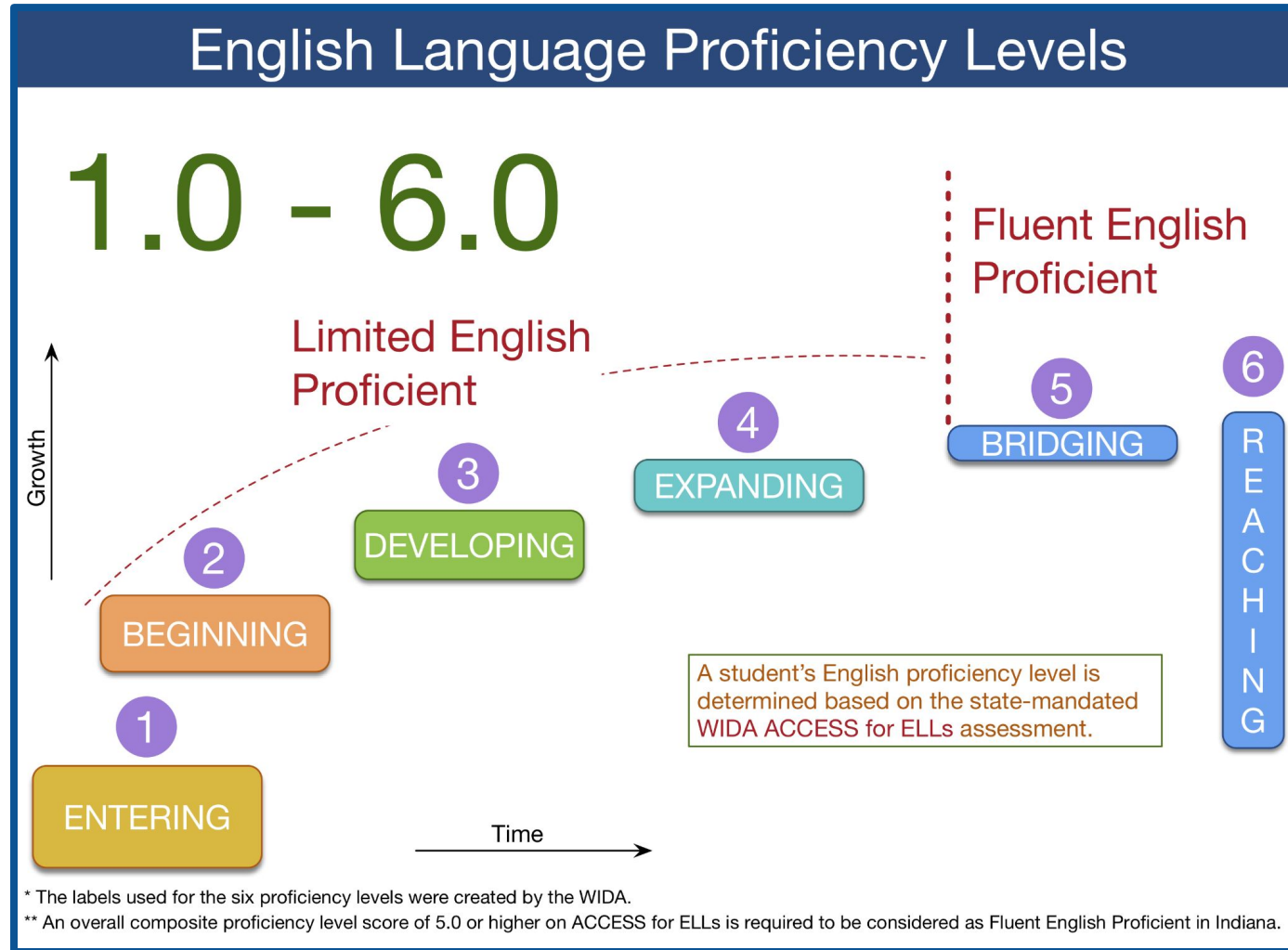


- **ACCESS for English Language Learners (ELLs)**
 - **Measures English Language Proficiency in four areas:**
 - **Reading, Writing, Listening, Speaking**
 - **Students must earn an overall score of a 4.5 on the 6-point proficiency levels to be exited from English as a Second Language (ESL) instruction and services.**
 - **Note: Given the small size of the relevant student population, if the reportable data for both assessments contains sample sizes of fewer than 9 students, it cannot be shared.**





English Language Proficiency Levels



* The labels used for the six proficiency levels were created by the WIDA.

** An overall composite proficiency level score of 5.0 or higher on ACCESS for ELLs is required to be considered as Fluent English Proficient in Indiana.





Dynamic Learning Maps (DLM)



- **Dynamic Learning Maps**
 - **Measure student proficiency in English Language Arts, Mathematics and Science.**
 - **Assessment is for students with the most significant cognitive disabilities who do not take the NJSLA because they are being instructed on the Essential Elements, grade-specific expectations about what students with significant cognitive disabilities should know and be able to do, rather than the NJSLs.**



Dynamic Learning Maps (DLM)



- DLM (Dynamic Learning Maps)
 - Results of the DLM are discussed at the student's annual review meeting, and the IEP team considers the information when writing learning goals and objectives and determining an individualized educational program.
 - Results can be used during discrete trial teaching, which involves breaking up larger tasks or goals into subskills or smaller components and teaching them individually and repeatedly to encourage skill acquisition.

Academic Initiatives



How are we developing strategies for personalized learning, inquiry, and collaborative problem solving?

Teaching and learning process

- Classroom
- Enrichment programs
- Clubs and activities
- Field trips
- Professional learning





Classroom (Culture of Inquiry and Collaboration)

- Engage in authentic, deeper learning (LATI)
- Use *i-Ready* data to inform instruction and personalize learning for individual students and classes
- Use individual state testing data to support students
- Emphasize a growth mindset
- Build student agency and pride in student work
- Self-monitoring and collective responsibility
- Reinforce productive collaboration
- Use evidence-based teaching



Enrichment Programs

- SOAR program/opportunities
- Coding opportunities in STEAM coding classes
- School-wide contests and opportunities (Spelling Bee, Science Fair Night, STEAM Family Night, writing contests, Visiting Author, Battle of the Books, etc.)
- Extension and enrichment activities/resources in the classroom
- Bayberry lunchtime enrichment groups

Academic Initiatives



After-School Clubs and Activities

- Community Outreach
- Student Council
- Peer Leaders
- Basketball
- Track and Field
- Softball/Baseball
- After School Sports
- Honor Band
- Select Choir
- Art Club
- Theater
- Math Club
- Adventure Club
- 3rd Grade Early Act Club
- Coding & Robotics
- 4th Grade Lunchtime Chess
- STEAM Club
- Environmental Club
- TREP\$ Club
- World Culture Club
- Yearbook Club
- Glee Club
- Garden Club





Professional Learning

- **Innovative Designs for Education (IDE) consultants**
 - Whole school training on best practices in executive functioning and student achievement, meeting the needs of diverse learners.
 - Personalized coaching for teachers
 - Self-paced online learning experiences (PLE) focused on Individualized Learning, Multilingual Learners, Problem-Based Learning Experiences.
- **Foundations Training PK-2**
- **Conquer Math Training Grades 3, 4 & 5**
- **Response to Intervention training**
 - Implementing effective RTI process and high impact interventions
 - Developing targeted goals based on assessment data and frequent monitoring
- **ParaEducator training for paraprofessionals**
- **Crisis Prevention Institute Training: non-violent crisis intervention techniques**

Academic Initiatives



Academic Strategies aligned with Personalized Learning Approach

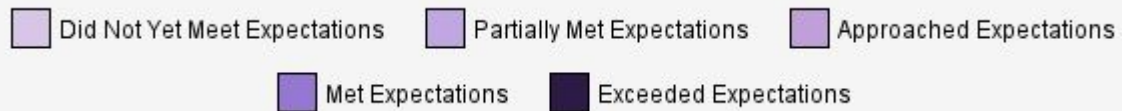
- **PLC Team Meeting - data analysis, goal setting**
 - Job-embedded professional development
- **Math and Language Arts Workshop classes**
 - Taught by content/grade level teachers
 - Enhanced data analysis to identify students strengths and weaknesses
- **Districtwide Pursuit of Excellence Before & After School Program**
 - Students work on areas identified as gaps or needing reinforcement
 - Additional resources that connect to *i-Ready*



ELA/Math 2023 - Grade 3 Performance by Demographic



Gender	ELA	Math										
Female	<table border="1"> <tr> <td>3%</td> <td>10%</td> <td>25%</td> <td>42%</td> <td>20%</td> </tr> </table>	3%	10%	25%	42%	20%	<table border="1"> <tr> <td>2%</td> <td>7%</td> <td>33%</td> <td>46%</td> <td>11%</td> </tr> </table>	2%	7%	33%	46%	11%
3%	10%	25%	42%	20%								
2%	7%	33%	46%	11%								
Male	<table border="1"> <tr> <td>8%</td> <td>11%</td> <td>24%</td> <td>47%</td> <td>9%</td> </tr> </table>	8%	11%	24%	47%	9%	<table border="1"> <tr> <td>1%</td> <td>9%</td> <td>19%</td> <td>55%</td> <td>16%</td> </tr> </table>	1%	9%	19%	55%	16%
8%	11%	24%	47%	9%								
1%	9%	19%	55%	16%								

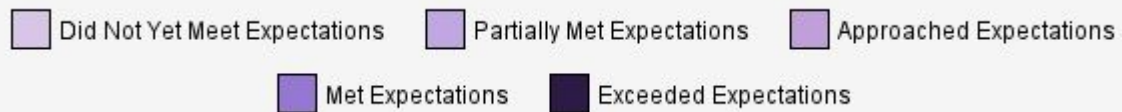


ELA/Math 2023 - Grade 3

Performance by Demographic



Ethnicity	ELA					Math				
Asian	6%	3%	19%	55%	16%	0%	9%	12%	55%	24%
Black / African American	38%	0%	15%	38%	8%	23%	15%	15%	46%	0%
Hispanic or Latino	4%	29%	25%	33%	8%	0%	16%	52%	32%	0%
White	0%	10%	32%	45%	14%	0%	5%	29%	55%	11%
Two or More Races	0%	8%	8%	42%	42%	0%	0%	8%	50%	42%



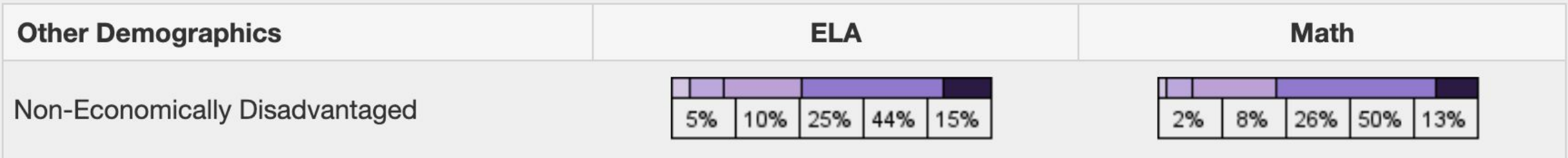
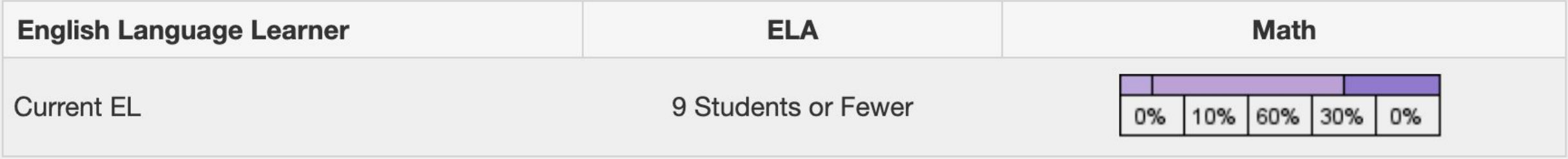
ELA/Math 2023 - Grade 4 Performance by Demographic



Students with Disabilities	ELA	Math
IEP		
504	9 Students or Fewer	9 Students or Fewer



ELA/Math 2023 - Grade 4 Performance by Demographic



ELA/Math 2023 - Grade 5 Performance by Demographic



Gender	ELA	Math										
Female	<table border="1"> <tr> <td>3%</td> <td>7%</td> <td>19%</td> <td>44%</td> <td>27%</td> </tr> </table>	3%	7%	19%	44%	27%	<table border="1"> <tr> <td>6%</td> <td>10%</td> <td>29%</td> <td>44%</td> <td>11%</td> </tr> </table>	6%	10%	29%	44%	11%
3%	7%	19%	44%	27%								
6%	10%	29%	44%	11%								
Male	<table border="1"> <tr> <td>8%</td> <td>6%</td> <td>19%</td> <td>46%</td> <td>21%</td> </tr> </table>	8%	6%	19%	46%	21%	<table border="1"> <tr> <td>6%</td> <td>8%</td> <td>18%</td> <td>49%</td> <td>19%</td> </tr> </table>	6%	8%	18%	49%	19%
8%	6%	19%	46%	21%								
6%	8%	18%	49%	19%								

Ethnicity	ELA	Math										
Asian	<table border="1"> <tr> <td>0%</td> <td>0%</td> <td>21%</td> <td>29%</td> <td>50%</td> </tr> </table>	0%	0%	21%	29%	50%	<table border="1"> <tr> <td>7%</td> <td>0%</td> <td>0%</td> <td>50%</td> <td>43%</td> </tr> </table>	7%	0%	0%	50%	43%
0%	0%	21%	29%	50%								
7%	0%	0%	50%	43%								
Black / African American	9 Students or Fewer	9 Students or Fewer										
Hispanic or Latino	9 Students or Fewer	9 Students or Fewer										
Native Hawaiian / Other Pacific Islander	9 Students or Fewer	9 Students or Fewer										
White	<table border="1"> <tr> <td>3%</td> <td>3%</td> <td>16%</td> <td>53%</td> <td>25%</td> </tr> </table>	3%	3%	16%	53%	25%	<table border="1"> <tr> <td>0%</td> <td>22%</td> <td>13%</td> <td>47%</td> <td>19%</td> </tr> </table>	0%	22%	13%	47%	19%
3%	3%	16%	53%	25%								
0%	22%	13%	47%	19%								
Two or More Races	9 Students or Fewer	9 Students or Fewer										



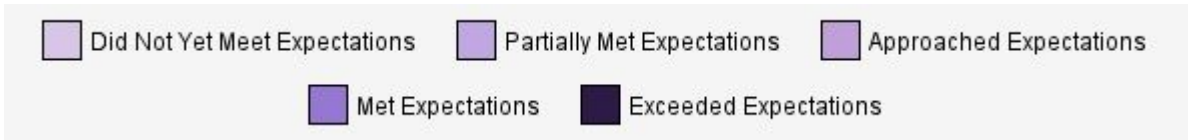
ELA/Math 2023 - Grade 5 Performance by Demographic



Students with Disabilities	ELA	Math
IEP		
504	9 Students or Fewer	9 Students or Fewer

English Language Learner	ELA	Math
Former EL	9 Students or Fewer	9 Students or Fewer

Economically Disadvantaged	ELA	Math
	9 Students or Fewer	9 Students or Fewer



ELA/Math 2023 - Grade 6 Performance by Demographic



Gender	ELA	Math										
Female	<table border="1"> <tr> <td>0%</td> <td>16%</td> <td>22%</td> <td>47%</td> <td>16%</td> </tr> </table>	0%	16%	22%	47%	16%	<table border="1"> <tr> <td>6%</td> <td>6%</td> <td>41%</td> <td>34%</td> <td>13%</td> </tr> </table>	6%	6%	41%	34%	13%
0%	16%	22%	47%	16%								
6%	6%	41%	34%	13%								
Male	<table border="1"> <tr> <td>6%</td> <td>3%</td> <td>23%</td> <td>57%</td> <td>11%</td> </tr> </table>	6%	3%	23%	57%	11%	<table border="1"> <tr> <td>6%</td> <td>6%</td> <td>23%</td> <td>46%</td> <td>20%</td> </tr> </table>	6%	6%	23%	46%	20%
6%	3%	23%	57%	11%								
6%	6%	23%	46%	20%								

Ethnicity	ELA	Math										
Asian	<table border="1"> <tr> <td>0%</td> <td>9%</td> <td>0%</td> <td>45%</td> <td>45%</td> </tr> </table>	0%	9%	0%	45%	45%	<table border="1"> <tr> <td>0%</td> <td>0%</td> <td>9%</td> <td>36%</td> <td>55%</td> </tr> </table>	0%	0%	9%	36%	55%
0%	9%	0%	45%	45%								
0%	0%	9%	36%	55%								
Black / African American	9 Students or Fewer	9 Students or Fewer										
Hispanic or Latino	<table border="1"> <tr> <td>9%</td> <td>9%</td> <td>36%</td> <td>27%</td> <td>18%</td> </tr> </table>	9%	9%	36%	27%	18%	<table border="1"> <tr> <td>9%</td> <td>9%</td> <td>36%</td> <td>45%</td> <td>0%</td> </tr> </table>	9%	9%	36%	45%	0%
9%	9%	36%	27%	18%								
9%	9%	36%	45%	0%								
White	<table border="1"> <tr> <td>3%</td> <td>12%</td> <td>26%</td> <td>59%</td> <td>0%</td> </tr> </table>	3%	12%	26%	59%	0%	<table border="1"> <tr> <td>9%</td> <td>6%</td> <td>35%</td> <td>41%</td> <td>9%</td> </tr> </table>	9%	6%	35%	41%	9%
3%	12%	26%	59%	0%								
9%	6%	35%	41%	9%								
Two or More Races	9 Students or Fewer	9 Students or Fewer										



ELA/Math 2023 - Grade 6

Performance by Demographic



Students with Disabilities	ELA	Math										
IEP	<table border="1"> <tr> <td>20%</td> <td>50%</td> <td>30%</td> <td>0%</td> <td>0%</td> </tr> </table>	20%	50%	30%	0%	0%	<table border="1"> <tr> <td>40%</td> <td>10%</td> <td>40%</td> <td>10%</td> <td>0%</td> </tr> </table>	40%	10%	40%	10%	0%
20%	50%	30%	0%	0%								
40%	10%	40%	10%	0%								
504	9 Students or Fewer	9 Students or Fewer										

English Language Learner	ELA	Math
Current EL	9 Students or Fewer	9 Students or Fewer
Former EL	9 Students or Fewer	9 Students or Fewer

Economically Disadvantaged	ELA	Math
	9 Students or Fewer	9 Students or Fewer



ELA/Math 2023 - Grade 7 Performance by Demographic



Gender	ELA	Math
Female	<p>3% 0% 8% 39% 50%</p>	<p>9% 12% 32% 32% 15%</p>
Male	<p>6% 3% 9% 45% 36%</p>	<p>10% 7% 17% 53% 13%</p>

Ethnicity	ELA	Math
Asian	<p>0% 0% 0% 35% 65%</p>	<p>8% 0% 31% 23% 38%</p>
Black / African American	9 Students or Fewer	9 Students or Fewer
Hispanic or Latino	9 Students or Fewer	9 Students or Fewer
White	<p>6% 3% 11% 36% 44%</p>	<p>6% 14% 11% 60% 9%</p>
Two or More Races	9 Students or Fewer	9 Students or Fewer



ELA/Math 2023 - Grade 7 Performance by Demographic



Students with Disabilities	ELA	Math
IEP		
504	9 Students or Fewer	9 Students or Fewer

English Language Learner	ELA	Math
Current EL	9 Students or Fewer	9 Students or Fewer

Economically Disadvantaged	ELA	Math
	9 Students or Fewer	9 Students or Fewer



ELA/Math 2023 - Grade 8 Performance by Demographic

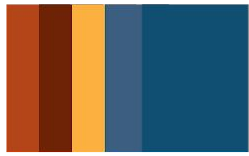


Gender	ELA	Math										
Female	<table border="1"> <tr><td>7%</td><td>0%</td><td>11%</td><td>48%</td><td>33%</td></tr> </table>	7%	0%	11%	48%	33%	<table border="1"> <tr><td>19%</td><td>19%</td><td>31%</td><td>31%</td><td>0%</td></tr> </table>	19%	19%	31%	31%	0%
7%	0%	11%	48%	33%								
19%	19%	31%	31%	0%								
Male	<table border="1"> <tr><td>11%</td><td>7%</td><td>7%</td><td>43%</td><td>32%</td></tr> </table>	11%	7%	7%	43%	32%	<table border="1"> <tr><td>20%</td><td>13%</td><td>33%</td><td>27%</td><td>7%</td></tr> </table>	20%	13%	33%	27%	7%
11%	7%	7%	43%	32%								
20%	13%	33%	27%	7%								

Ethnicity	ELA	Math										
Asian	<table border="1"> <tr><td>6%</td><td>0%</td><td>11%</td><td>39%</td><td>44%</td></tr> </table>	6%	0%	11%	39%	44%	9 Students or Fewer					
6%	0%	11%	39%	44%								
Black / African American	9 Students or Fewer	9 Students or Fewer										
Hispanic or Latino	9 Students or Fewer	9 Students or Fewer										
White	<table border="1"> <tr><td>8%</td><td>0%</td><td>8%</td><td>50%</td><td>35%</td></tr> </table>	8%	0%	8%	50%	35%	<table border="1"> <tr><td>8%</td><td>31%</td><td>31%</td><td>23%</td><td>8%</td></tr> </table>	8%	31%	31%	23%	8%
8%	0%	8%	50%	35%								
8%	31%	31%	23%	8%								
Two or More Races	9 Students or Fewer	9 Students or Fewer										



ELA/Math 2023 - Grade 8 Performance by Demographic



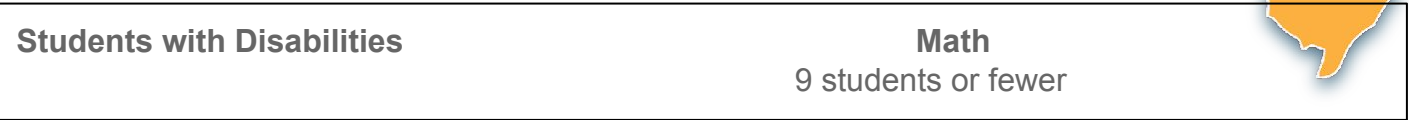
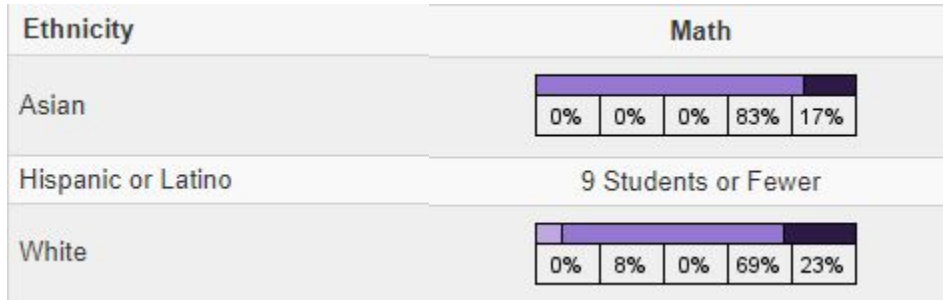
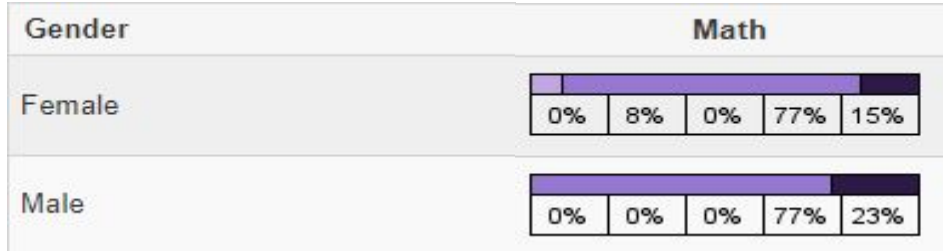
Students with Disabilities	ELA	Math					
IEP	<table border="1"> <tr> <td>40%</td> <td>10%</td> <td>30%</td> <td>20%</td> <td>0%</td> </tr> </table>	40%	10%	30%	20%	0%	9 Students or Fewer
40%	10%	30%	20%	0%			
504	9 Students or Fewer	9 Students or Fewer					

English Language Learners	ELA	Math
	9 Students or Fewer	9 Students or Fewer

Economically Disadvantaged	ELA	Math
	9 Students or Fewer	9 Students or Fewer



Math 2023 - Algebra 1 Performance by Demographic



Math 2023 - Geometry Performance by Demographic



Gender	Math 9 students or fewer
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Ethnicity	Math 9 students or fewer
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Students with Disabilities	Math 9 students or fewer
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English Language Learners	Math 9 students or fewer
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Other Demographics	Math 9 students or fewer
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Science 2023 - Grade 5 Performance by Demographic



	Performance Levels								≥ Level 3	
	Level 1 Below Proficient		Level 2 Near Proficiency		Level 3 Proficient		Level 4 Advanced Proficiency			
	#	%	#	%	#	%	#	%	#	%
State	37,055	38.4%	33,531	34.8%	20,318	21.1%	5,488	5.7%	25,806	26.8%
District	12	18.8%	25	39.1%	18	28.1%			27	42.2%
Gender										
Female			15	46.9%	10	31.3%			12	37.5%
Male			10	31.3%					15	46.9%
Non-Binary/Undesignated									0	0.0%
Ethnicity/Race										
Hispanic or Latino										
American Indian or Alaska Native										
Asian										
Black or African-American										
Native Hawaiian or Other Pacific Islander										
White			12	37.5%	11	34.4%			15	46.9%
Two or more races										
Not Indicated										
Students with Disabilities										
IEP - Yes										
504										
English Language Learner										
Current EL										
Former EL										
Other										
Economically Disadvantaged										
Non-Economically Disadvantaged	12	18.8%	25	39.1%	18	28.1%	9	14.1%	27	42.2%
Homeless										
Migrant										



Science 2023 - Grade 8 Performance by Demographic



	Performance Levels								≥ Level 3	
	Level 1 Below Proficient		Level 2 Near Proficiency		Level 3 Proficient		Level 4 Advanced Proficiency			
	#	%	#	%	#	%	#	%	#	%
State	40,568	40.0%	42,093	41.5%	14,386	14.2%	4,431	4.4%	18,817	18.5%
District			20	36.4%	19	34.5%			28	50.9%
Gender										
Female			13	48.1%					12	44.4%
Male					10	35.7%			16	57.1%
Non-Binary/Undesignated										
Ethnicity/Race										
Hispanic or Latino									1	20.0%
American Indian or Alaska Native										
Asian									10	55.6%
Black or African-American										
Native Hawaiian or Other Pacific Islander										
White			10	38.5%	9	34.6%			14	53.8%
Two or more races										
Not Indicated										
Students with Disabilities										
IEP - Yes										
504										
English Language Learner										
Current EL										
Former EL										
Other										
Economically Disadvantaged										
Non-Economically Disadvantaged			20	36.4%	19	34.5%			28	50.9%
Homeless										
Migrant										



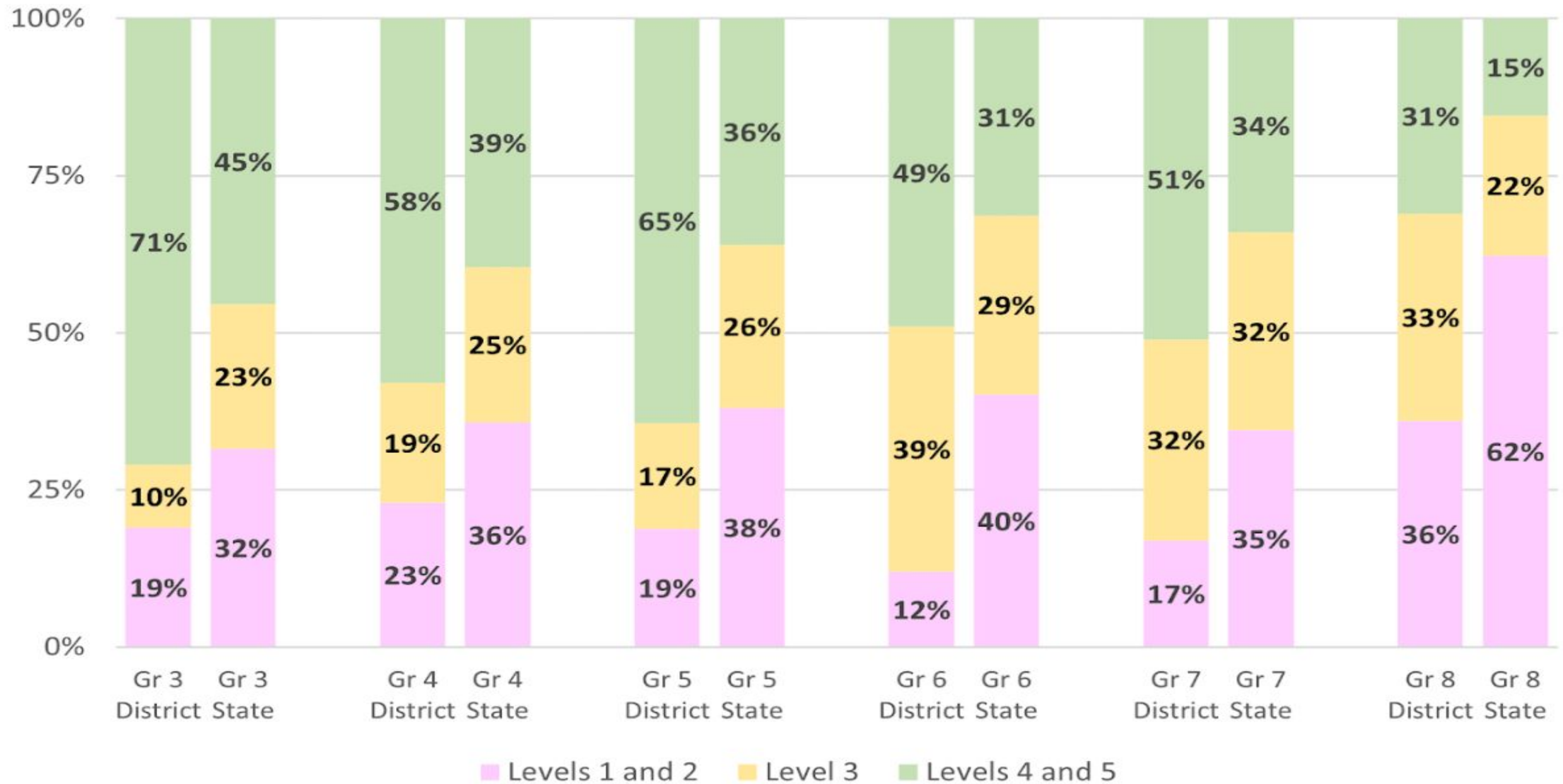


Historical Data

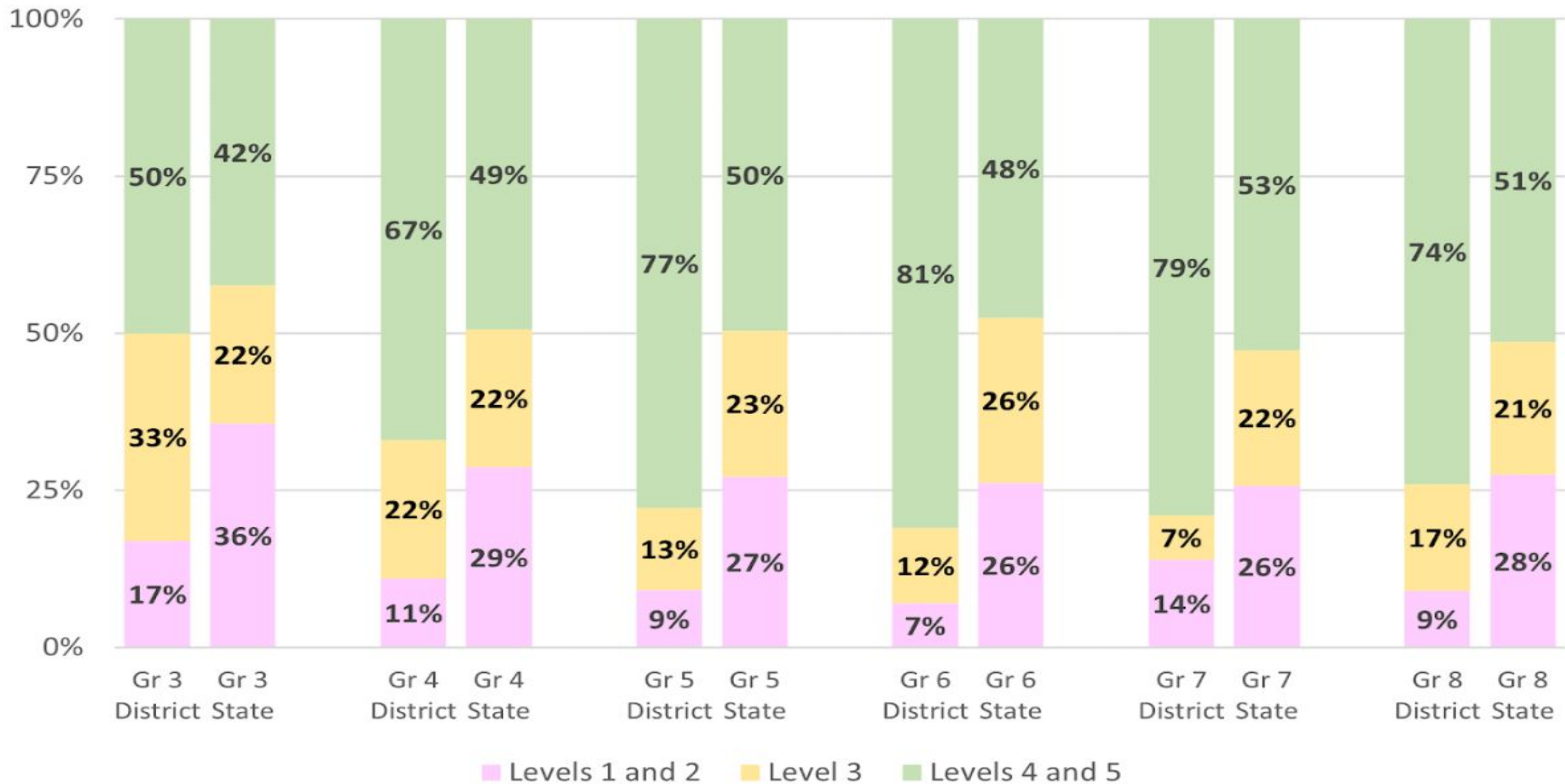


- 2022 District Data vs State Data
- Cohort Analysis

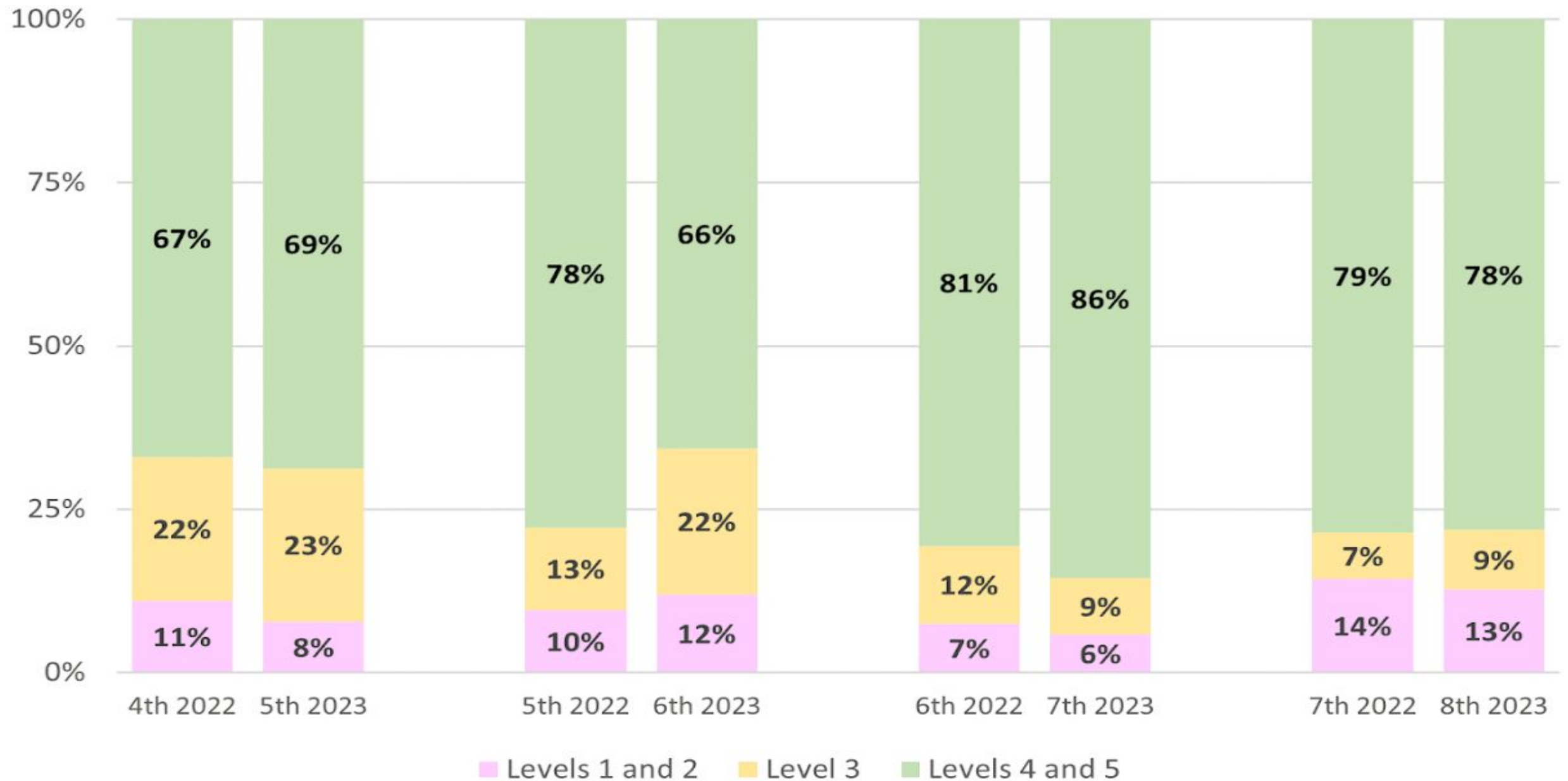
2022 Grades 3-8 NJSLA Math Results Comparison District vs. State



2022 Grades 3-8 NJSLA ELA Results Comparison District vs. State



NJSLA ELA Grade Level Cohorts Comparison 2022 to 2023



NJSLA Math Grade Level Cohorts Comparison 2022 to 2023

