



Spring 2022 State Assessment Summary

M. Giromini

Assistant Superintendent of Academics

Novi Community School District

October 20, 2022



Presentation Overview

1. [Trends in Performance over Time](#)
2. Grade-Level Summaries by Subject
 - a. ELA: [Overview](#) [Grade-Specific Comparisons](#)
 - b. Mathematics: [Overview](#) [Grade-Specific Comparisons](#)
 - c. [SAT Performance](#)
3. Opportunities for Improvement
 - a. Economic Disadvantage, English Learners, Students with Disabilities: [ELA](#) [Math](#)
 - b. [Race / Ethnicity](#)
4. Skill / Content [Relative Strengths & Weaknesses](#)



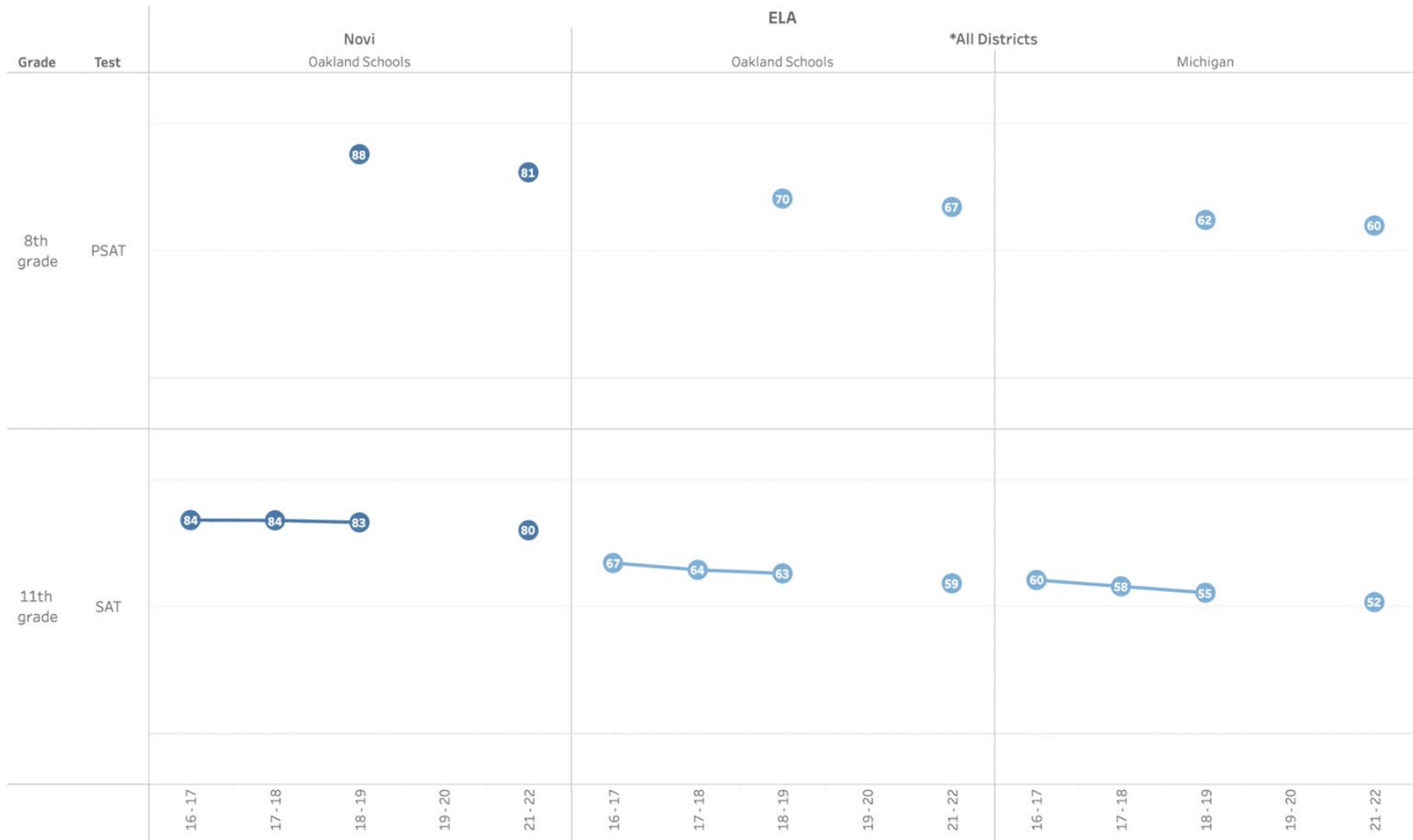
Trends Over Time

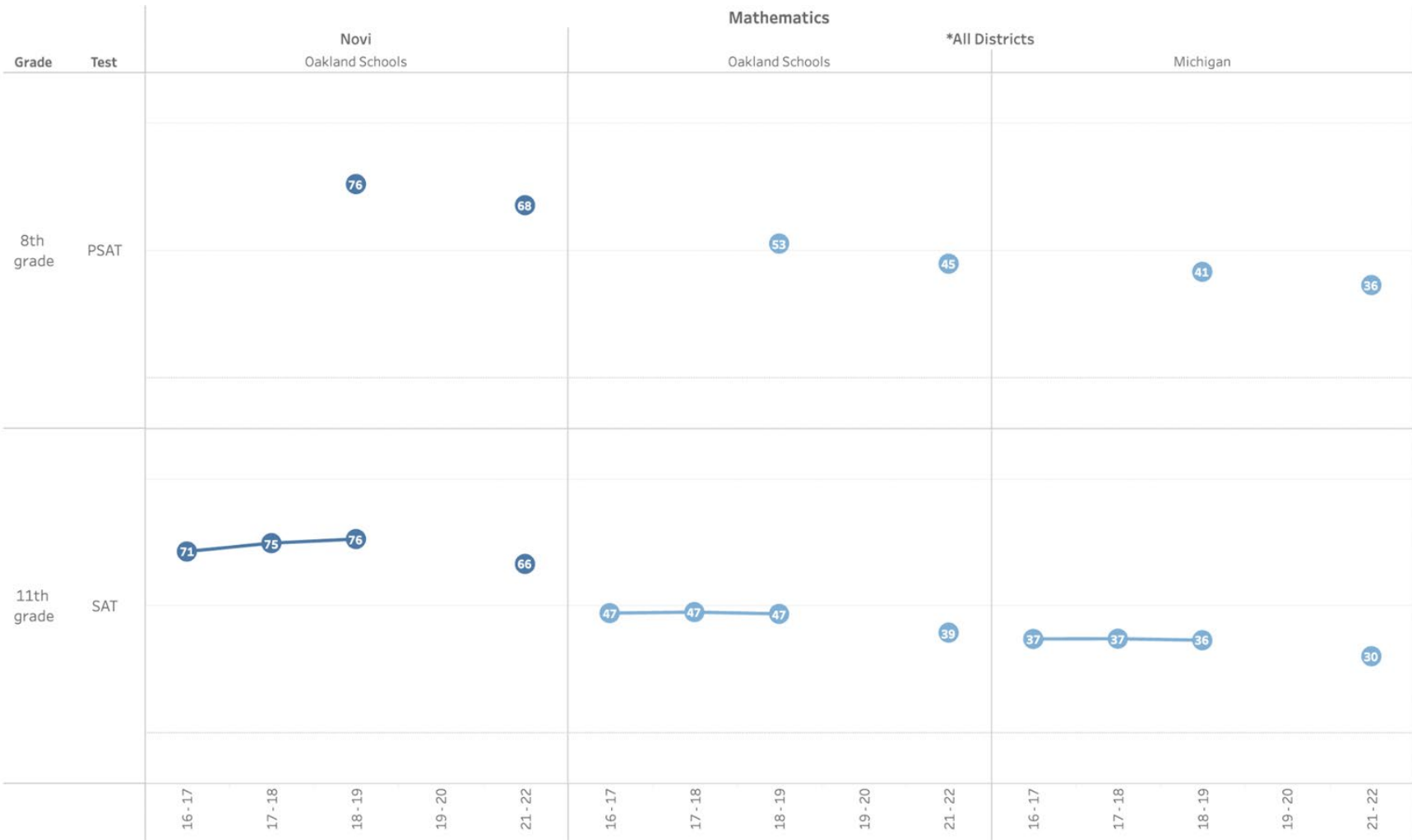


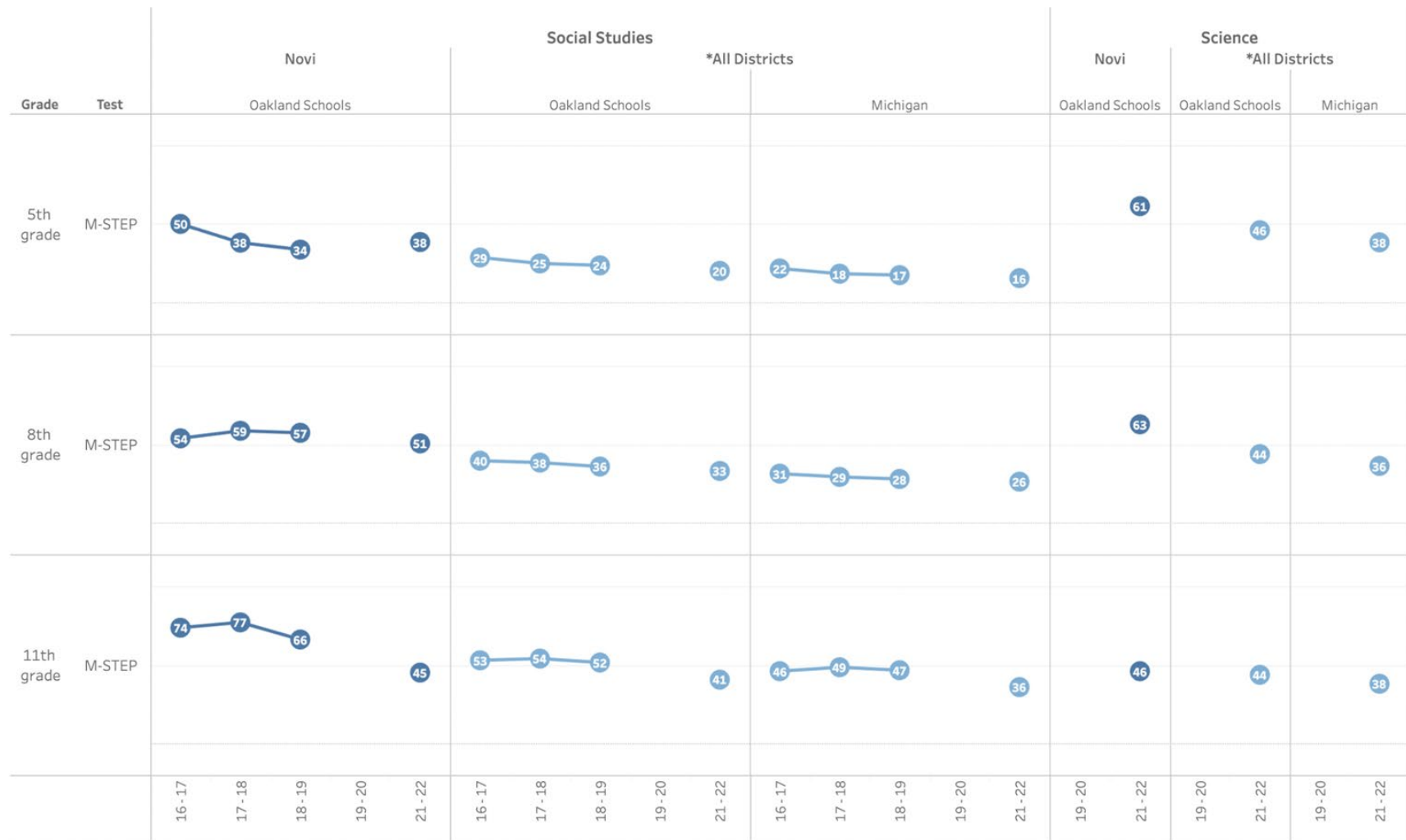
Grade	Test	ELA		
		Novi	*All Districts	
		Oakland Schools	Oakland Schools	Michigan
3rd grade	M-STEP	67-70-70 68	51-52-53 51	44-44-45 42
4th grade	M-STEP	68-60-69 75	54-54-55 53	44-45-46 43
5th grade	M-STEP	72-72-66 69	59-57-56 52	51-47-46 43
6th grade	M-STEP	72-69-70 64	53-50-52 46	44-41-42 38
7th grade	M-STEP	65-70-68 71	54-52-52 48	45-43-43 38



Grade	Test	Mathematics		
		Novi Oakland Schools	*All Districts Oakland Schools	Michigan
3rd grade	M-STEP	76 — 82 — 79 73	55 — 54 — 54 50	47 — 46 — 47 42
4th grade	M-STEP	77 — 76 — 78 76	53 — 51 — 52 46	42 — 42 — 42 37
5th grade	M-STEP	76 — 75 — 73 68	47 — 46 — 46 40	35 — 34 — 35 30
6th grade	M-STEP	74 — 77 — 77 67	45 — 45 — 47 38	34 — 35 — 35 28
7th grade	M-STEP	73 — 76 — 76 73	47 — 46 — 46 40	36 — 36 — 36 30



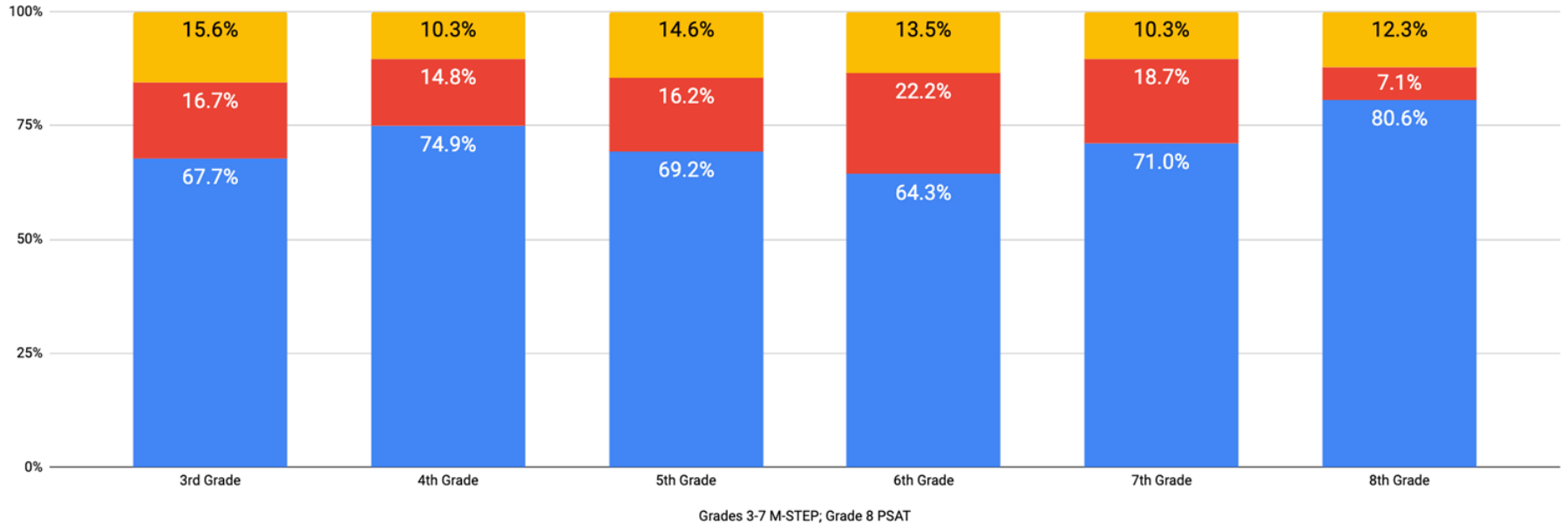






ELA Proficiency Spring 2022

■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





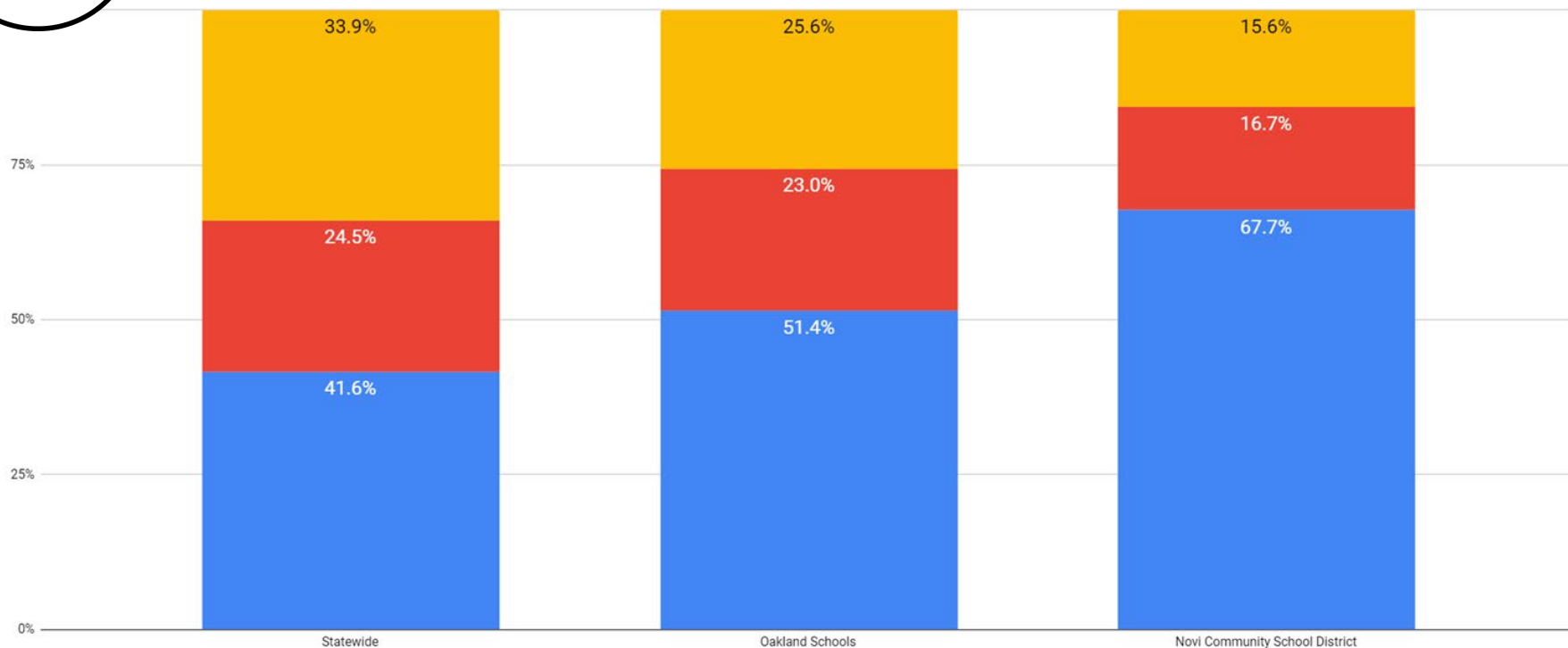
ELA Performance by Grade Level

County and State Comparisons
Spring 2022



3rd Grade ELA Proficiency Spring 2022

■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced

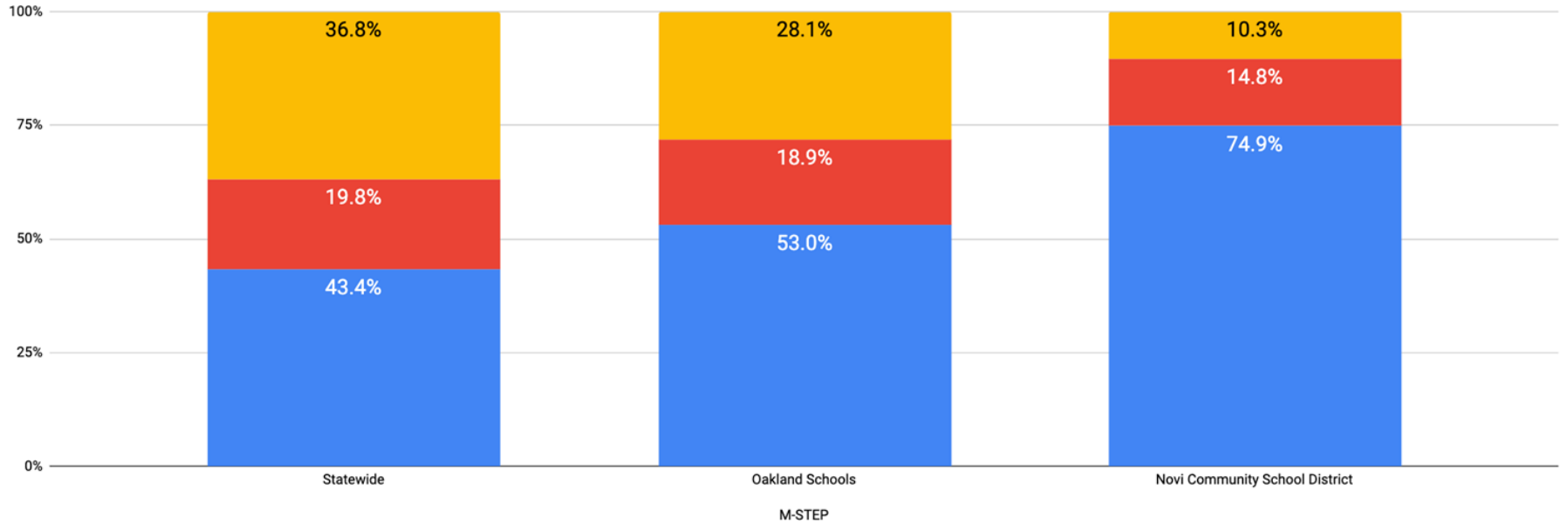


M-STEP



4th Grade ELA Proficiency Spring 2022

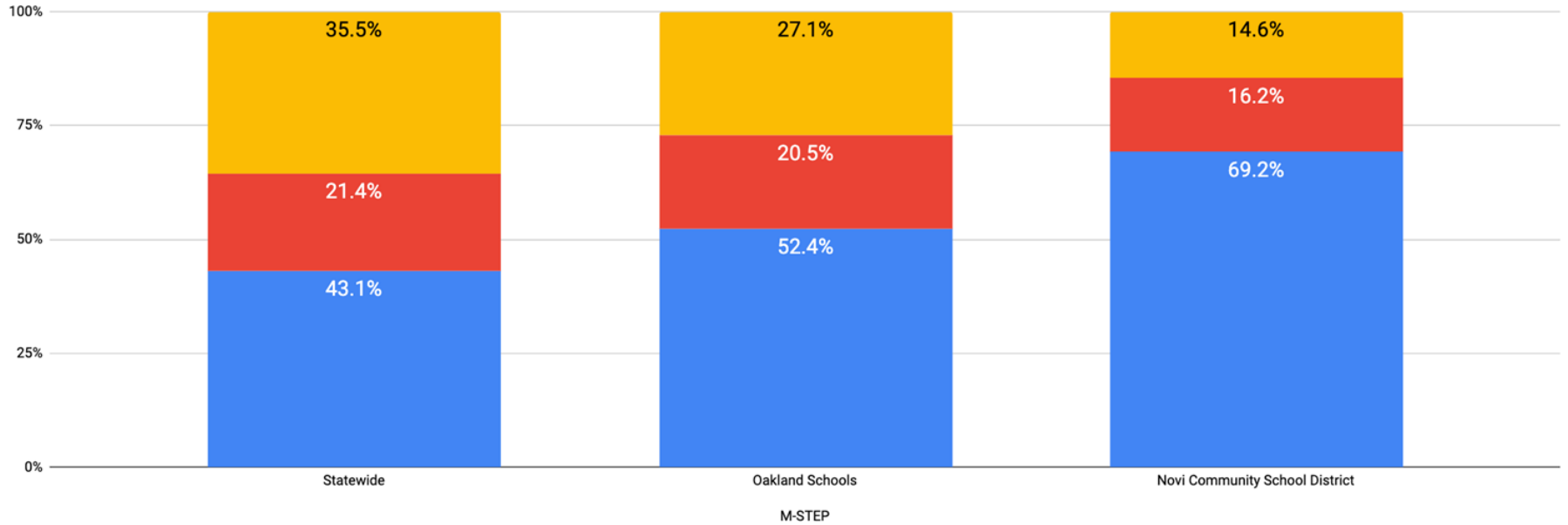
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





5th Grade ELA Proficiency Spring 2022

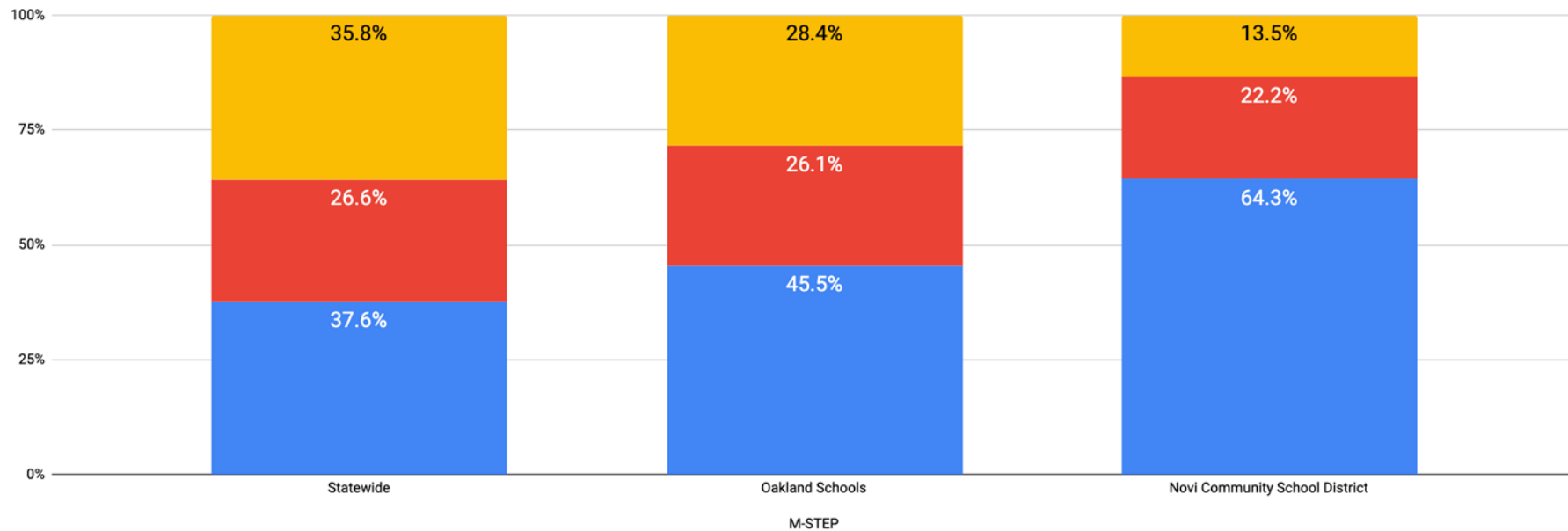
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





6th Grade ELA Proficiency Spring 2022

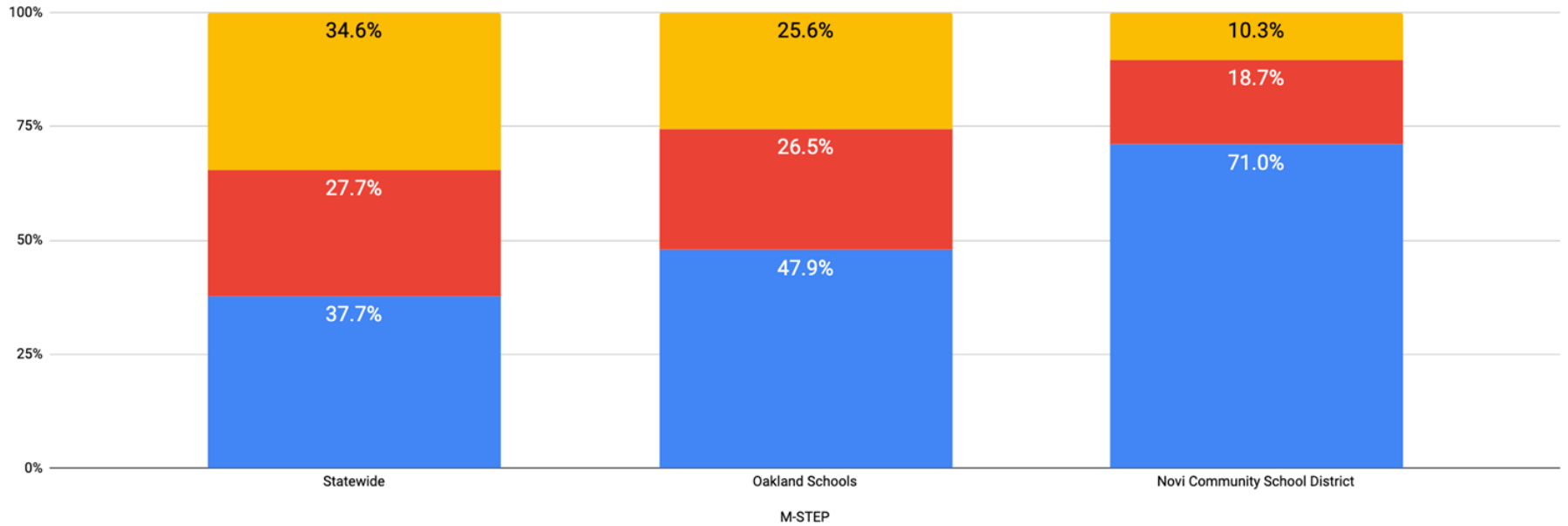
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





7th Grade ELA Proficiency Spring 2022

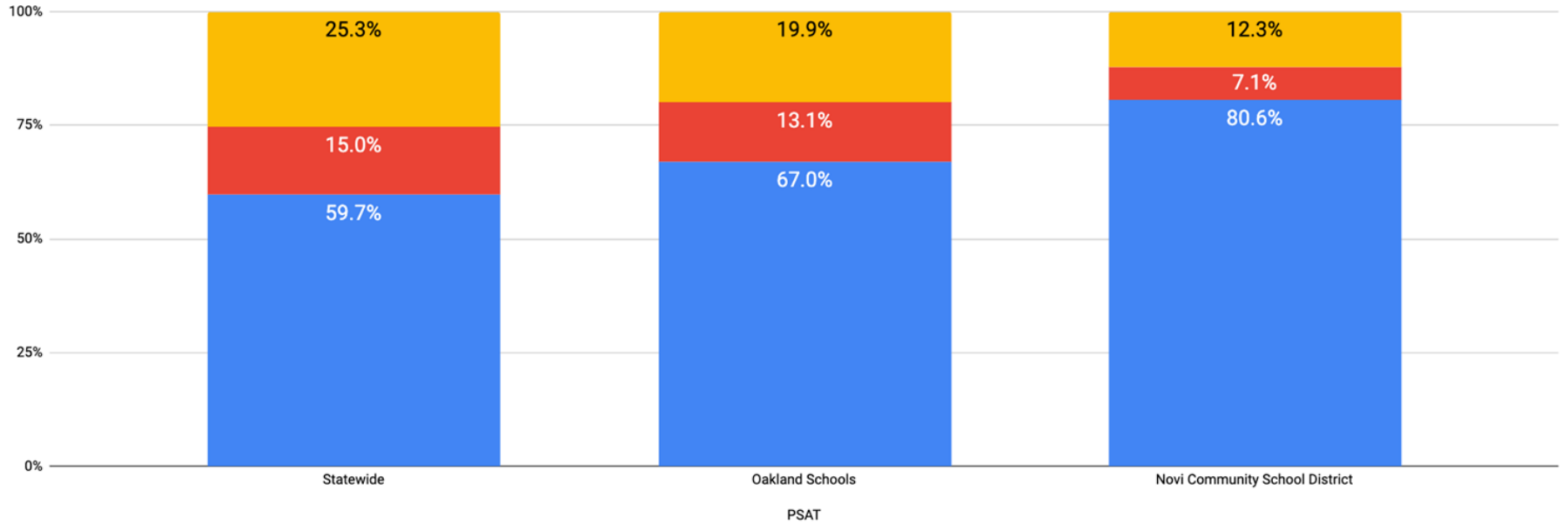
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





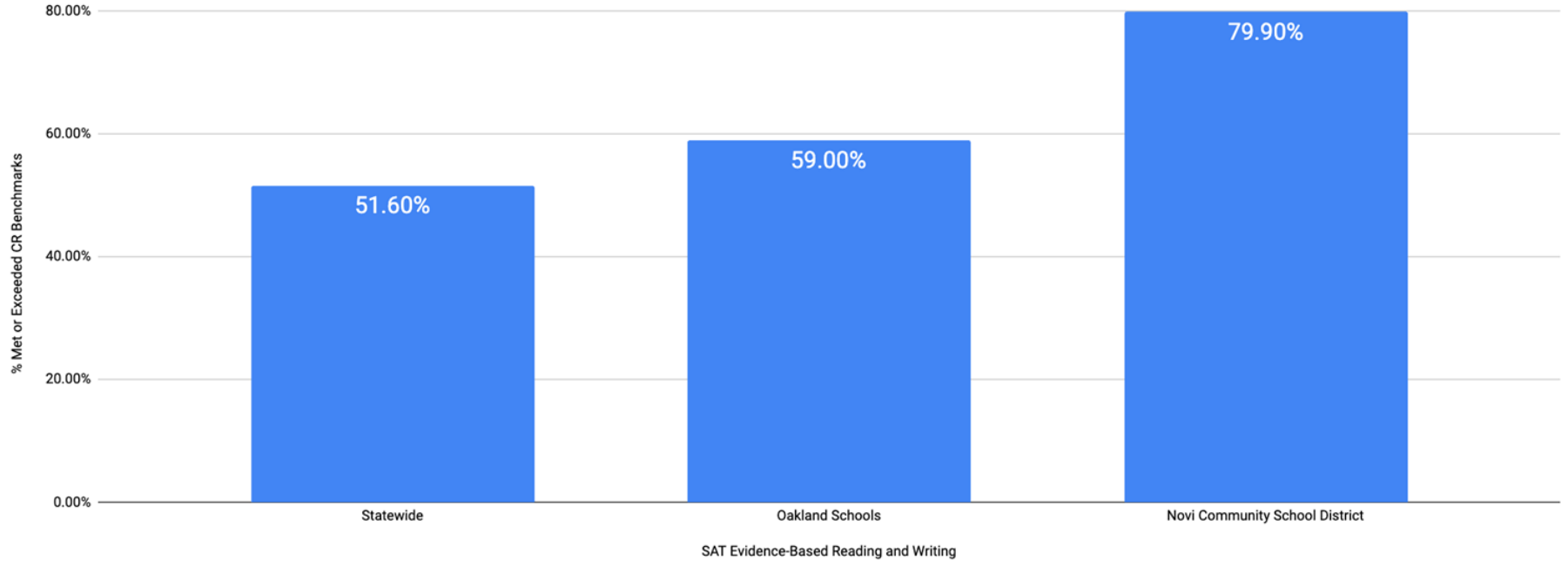
8th Grade ELA Proficiency Spring 2022

■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





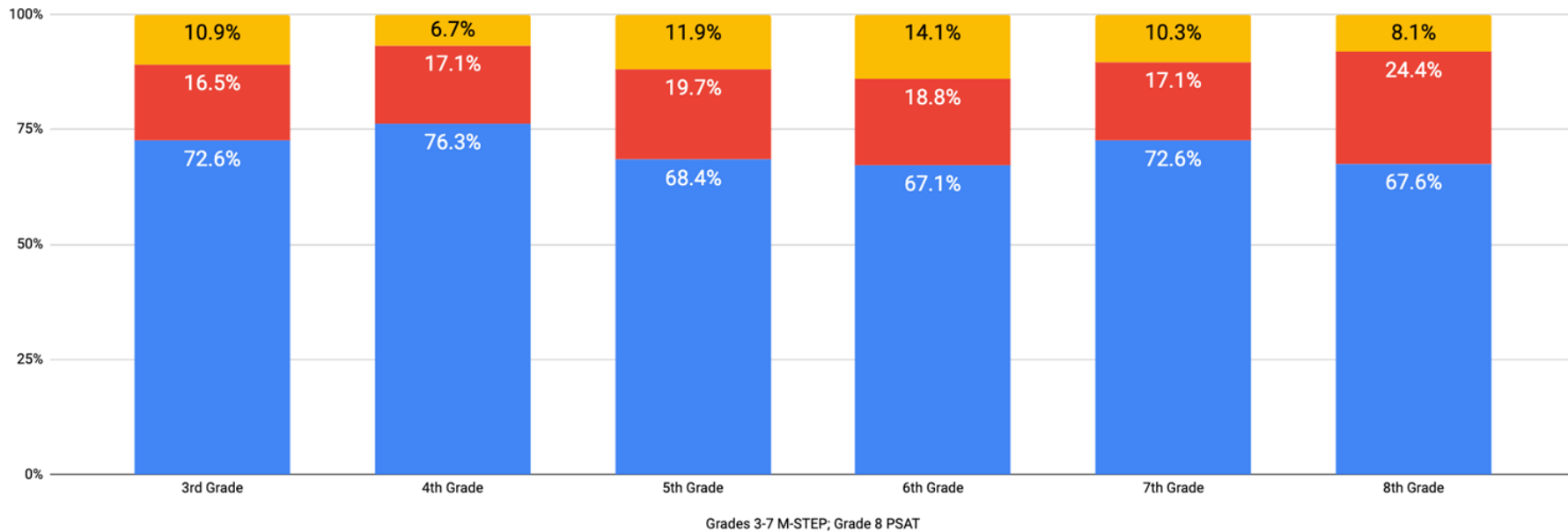
11th Grade ELA Proficiency Spring 2022





Math Proficiency Spring 2022

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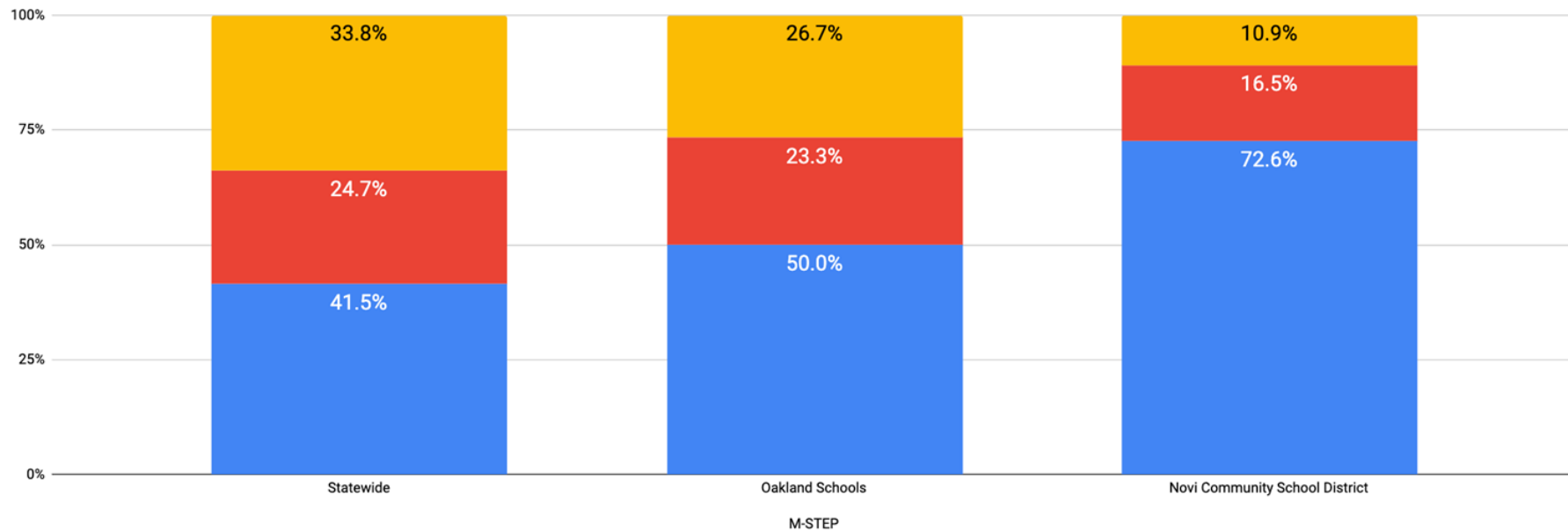
Math Performance by Grade Level

County and State Comparisons
Spring 2022



3rd Grade Math Proficiency Spring 2022

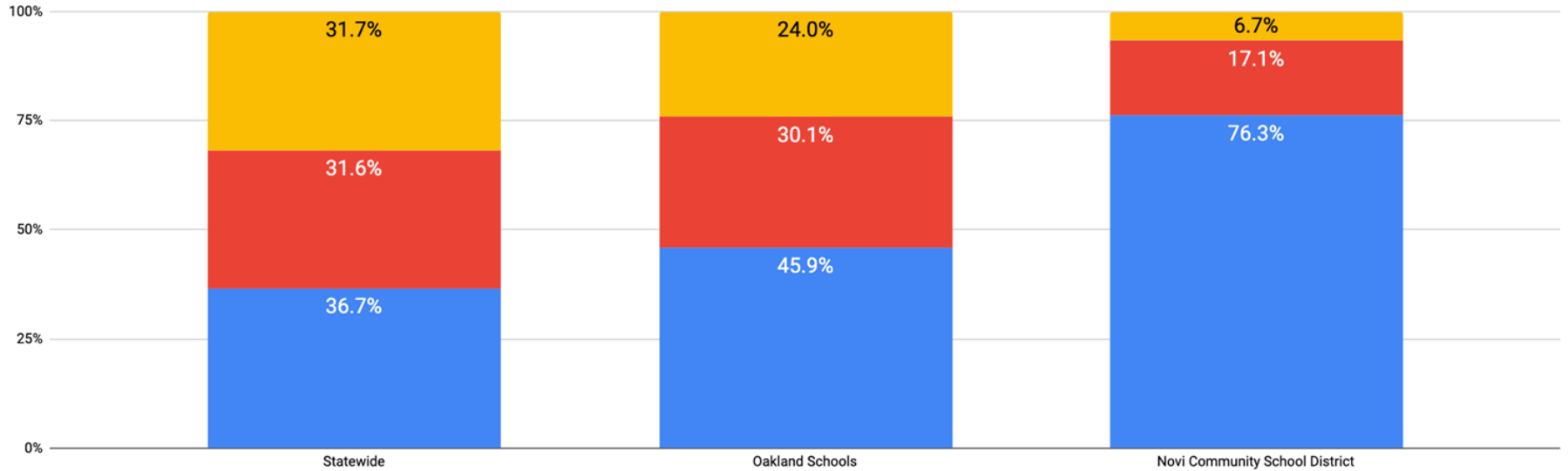
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





4th Grade Math Proficiency Spring 2022

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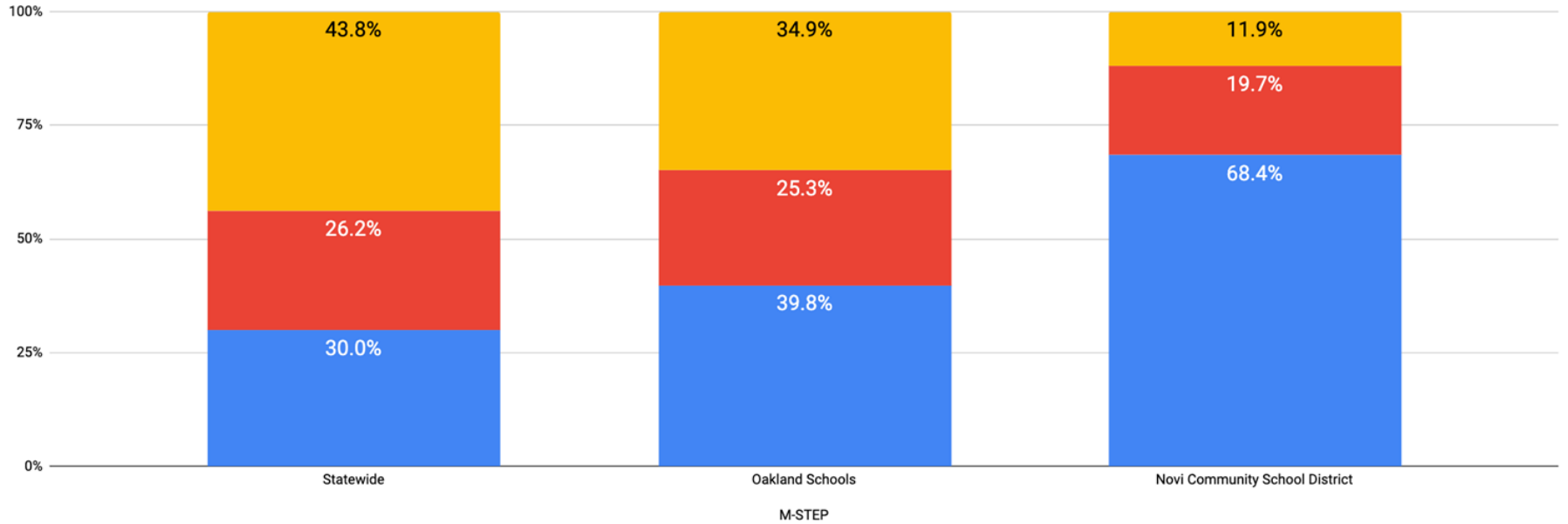


M-STEP



5th Grade Math Proficiency Spring 2022

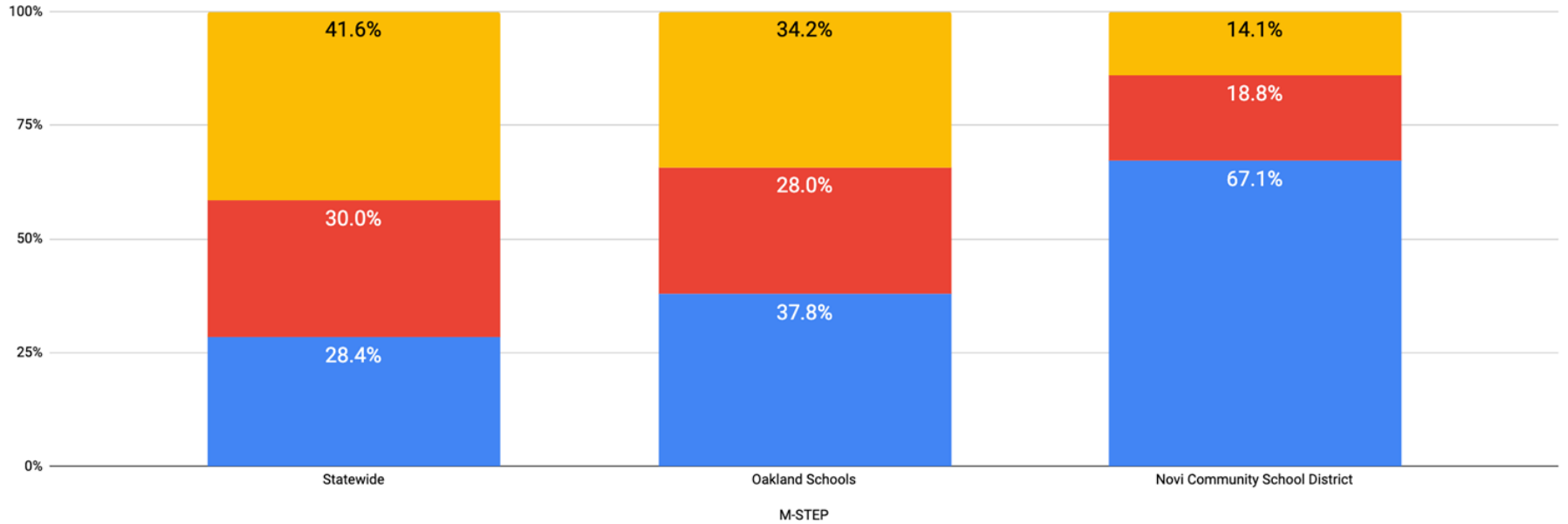
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6th Grade Math Proficiency Spring 2022

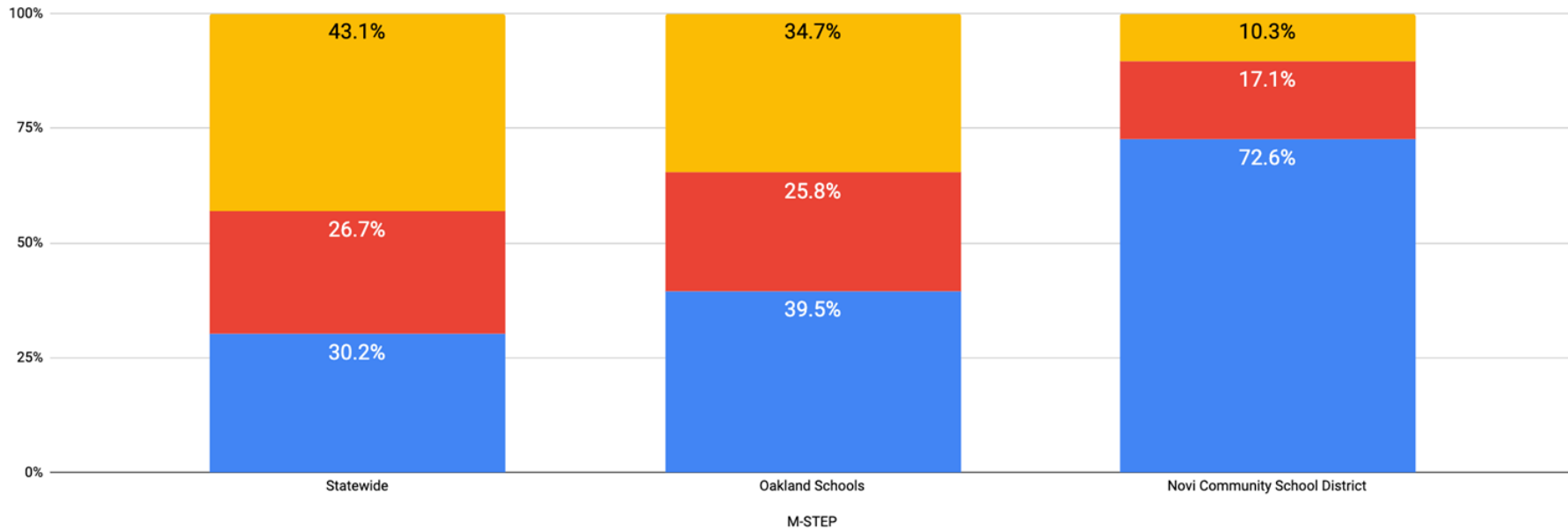
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7th Grade Math Proficiency Spring 2022

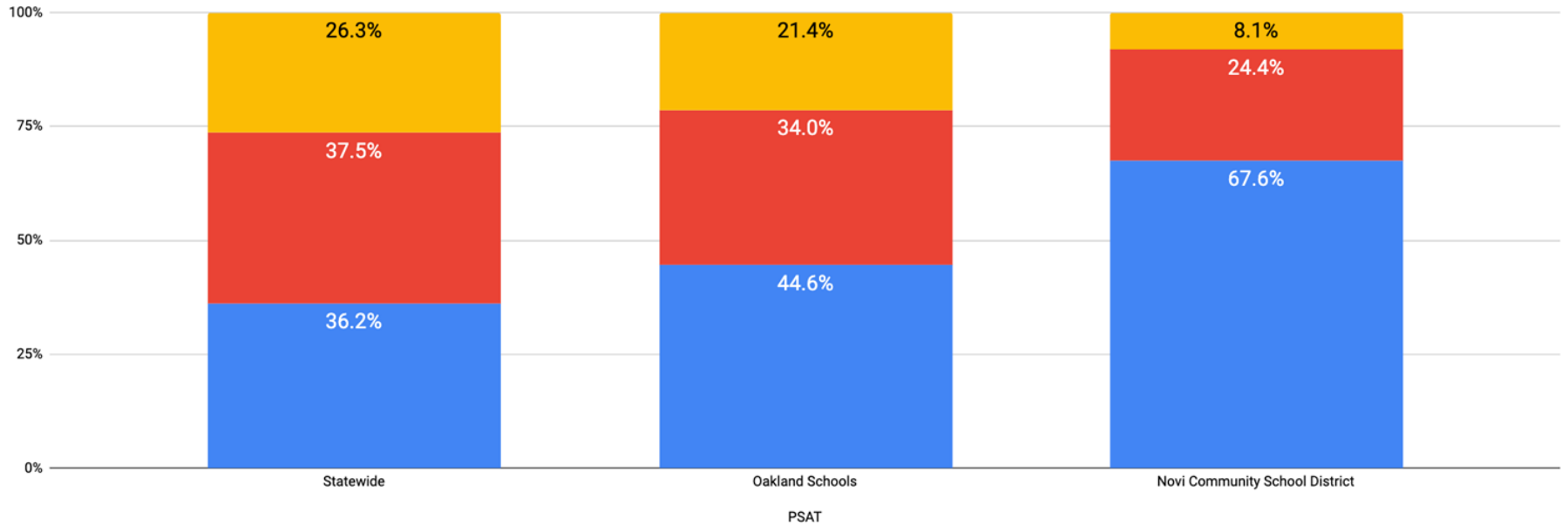
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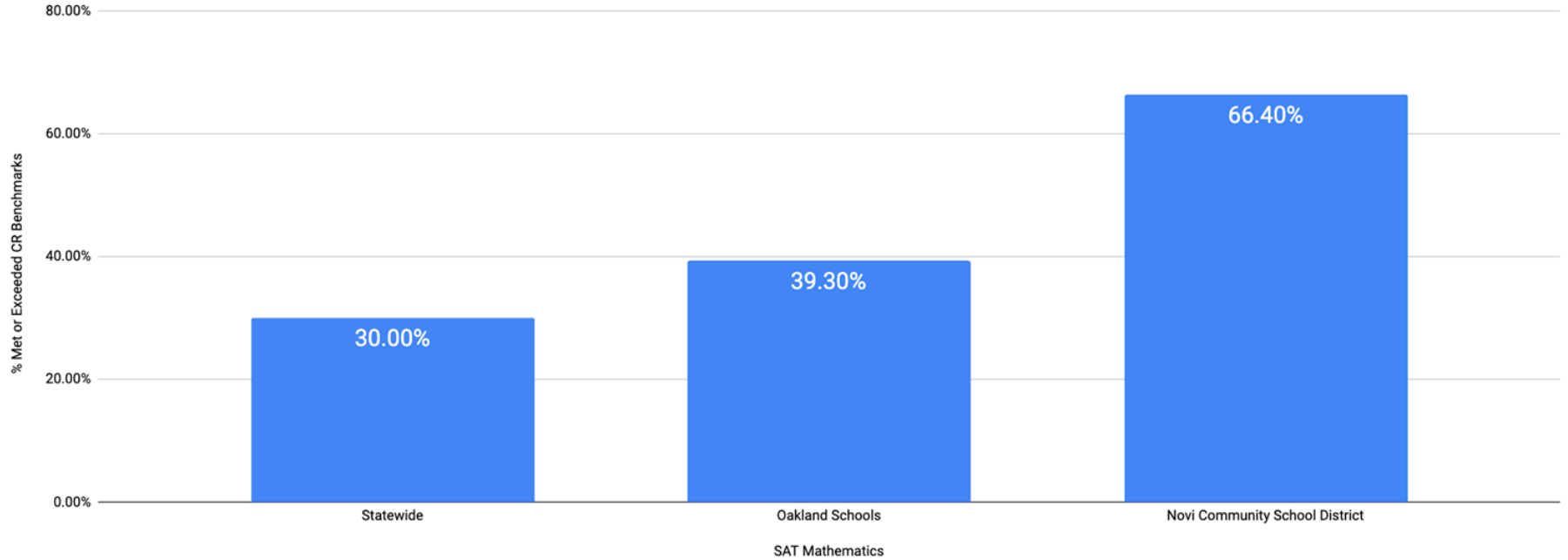
8th Grade Math Proficiency Spring 2022

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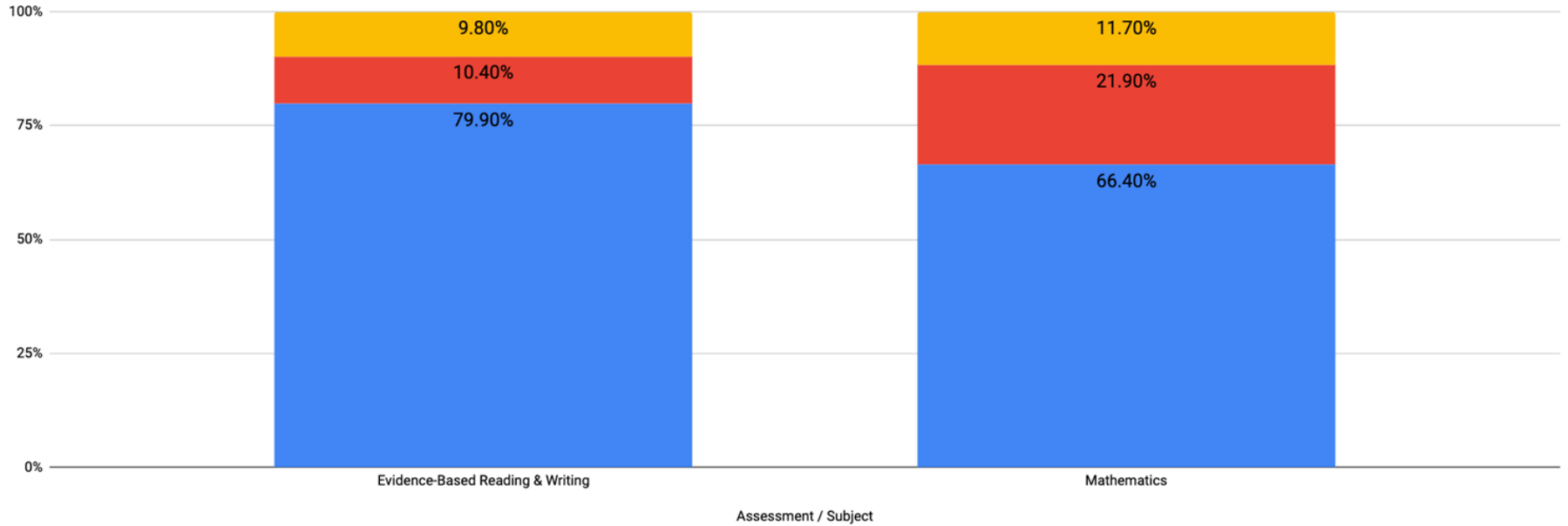
11th Grade Math Proficiency Spring 2022





11th Grade SAT Performance Spring 2022

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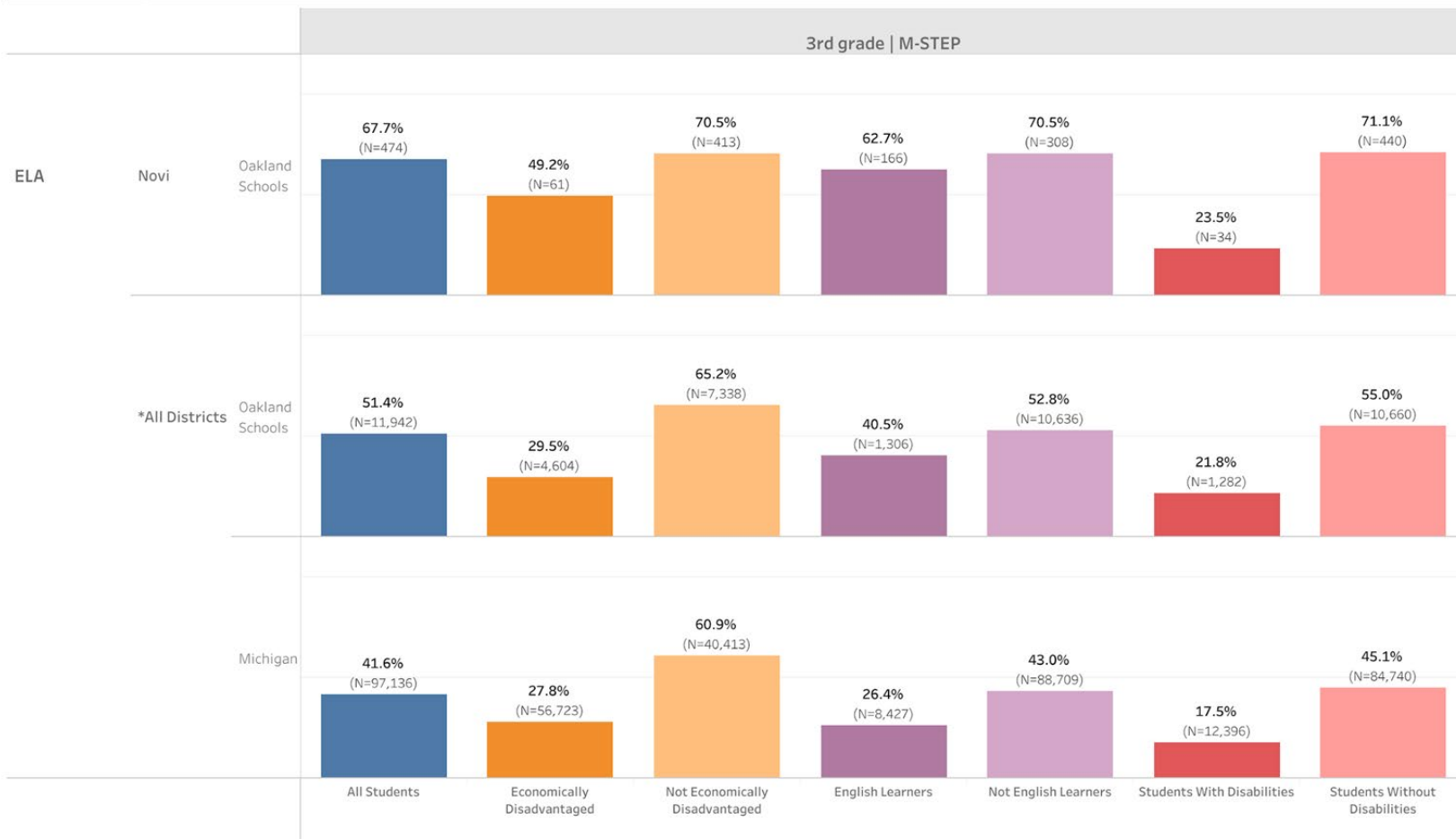
Opportunities for Improvement: ELA

Comparisons Across Economic Disadvantage, English Learners,
Students with Disabilities

Spring 2022

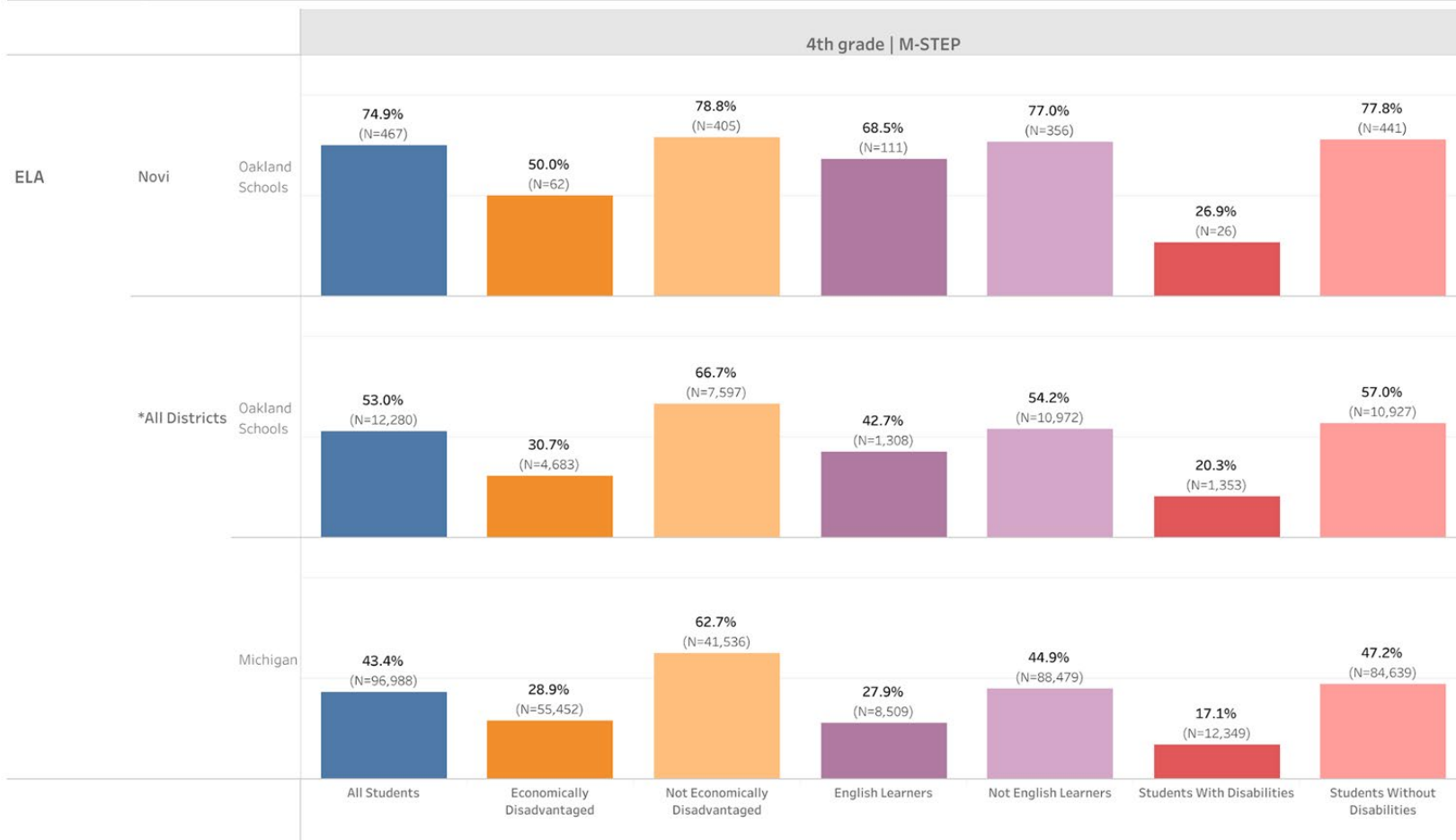
How did **student groups** perform on the state assessments in **2021-22**?

Percent meeting state standards



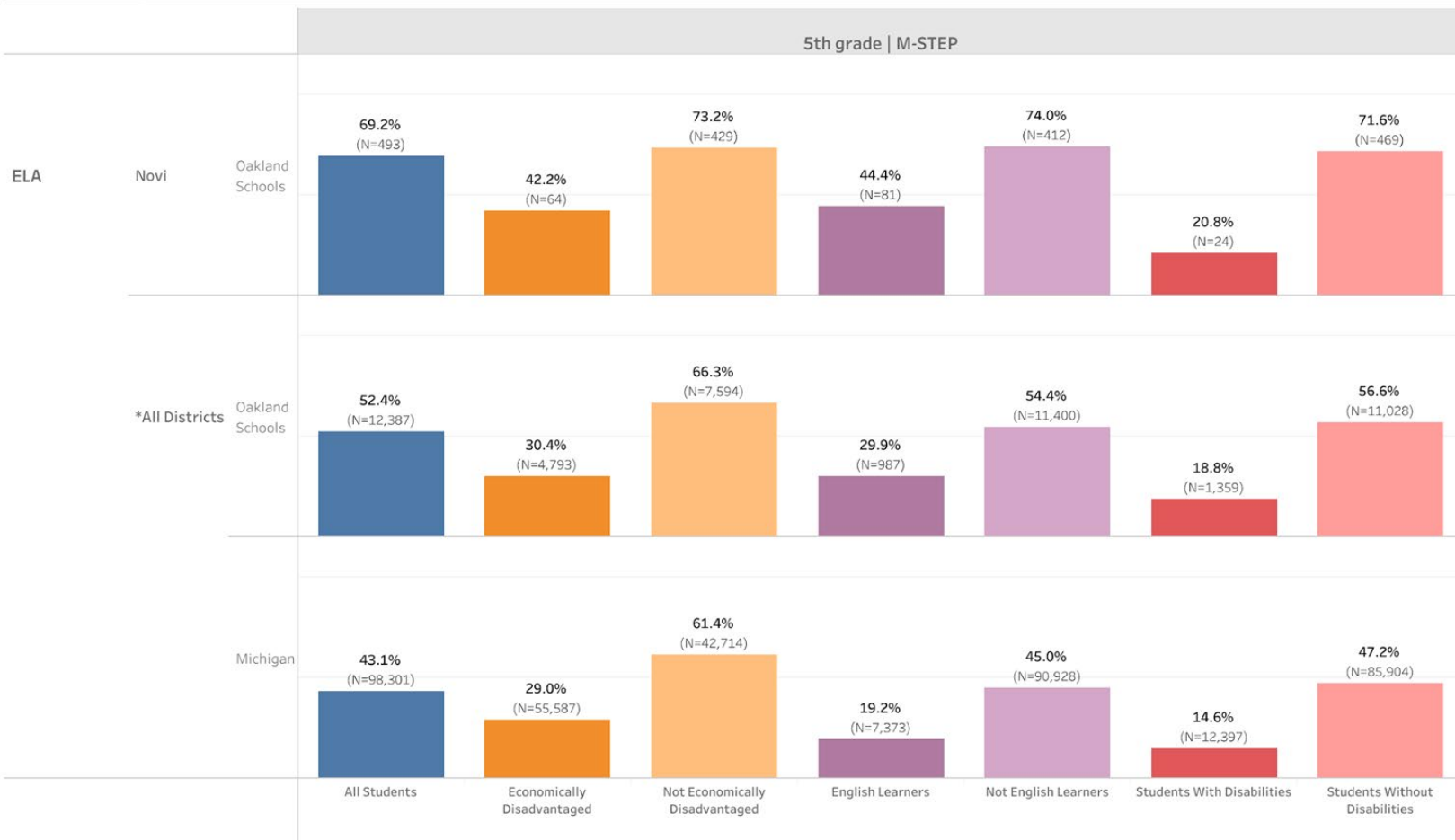
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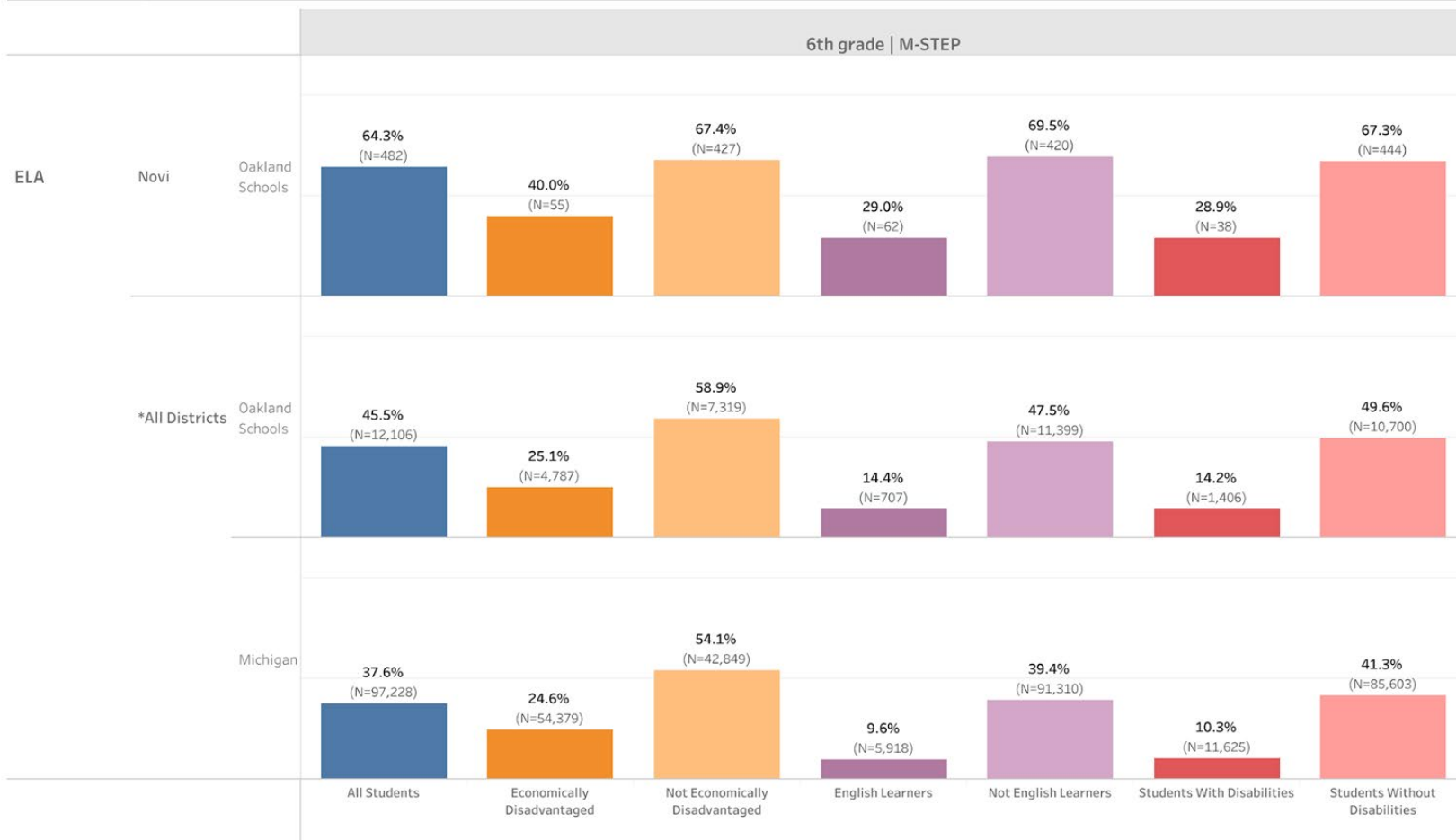
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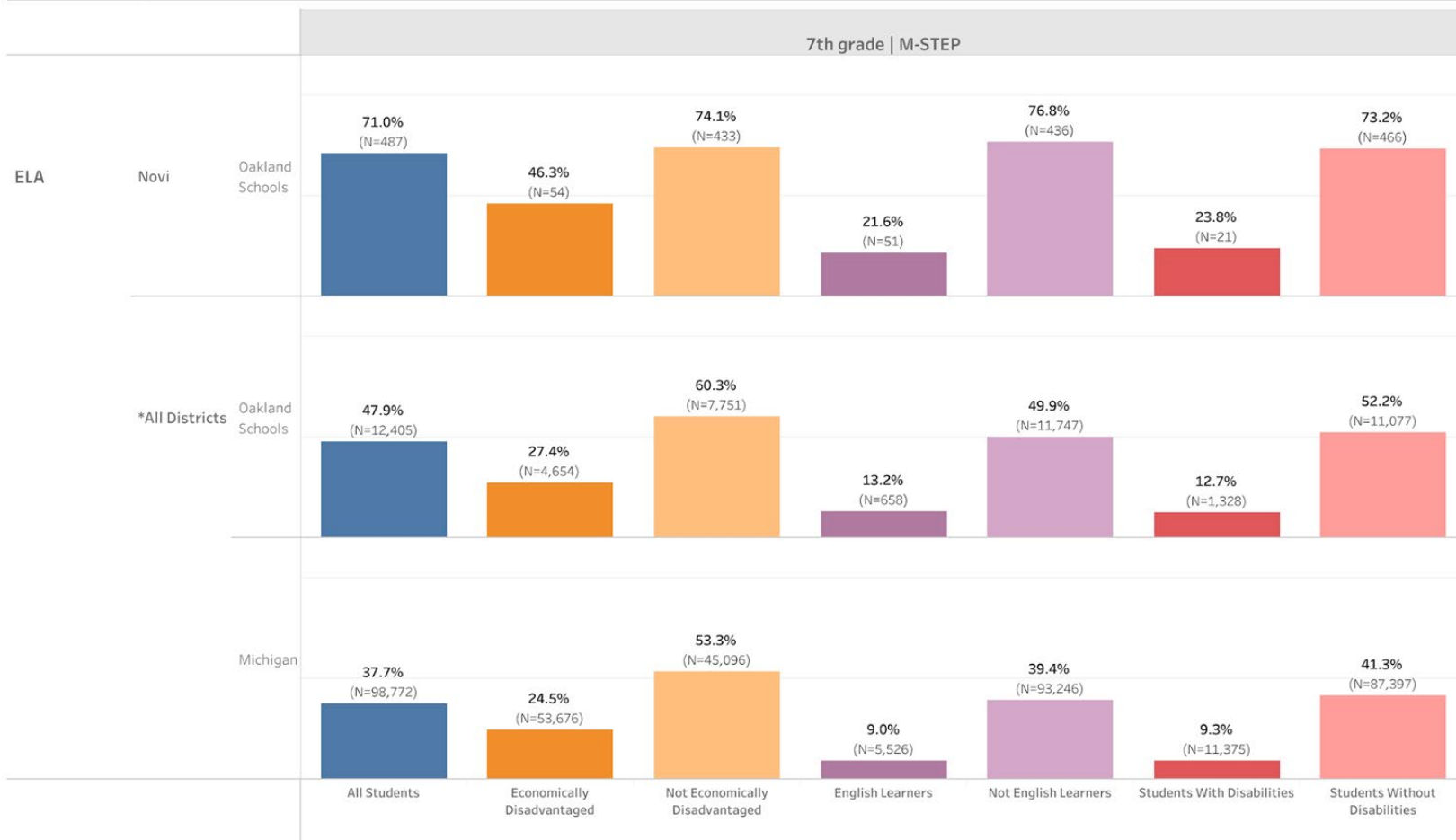
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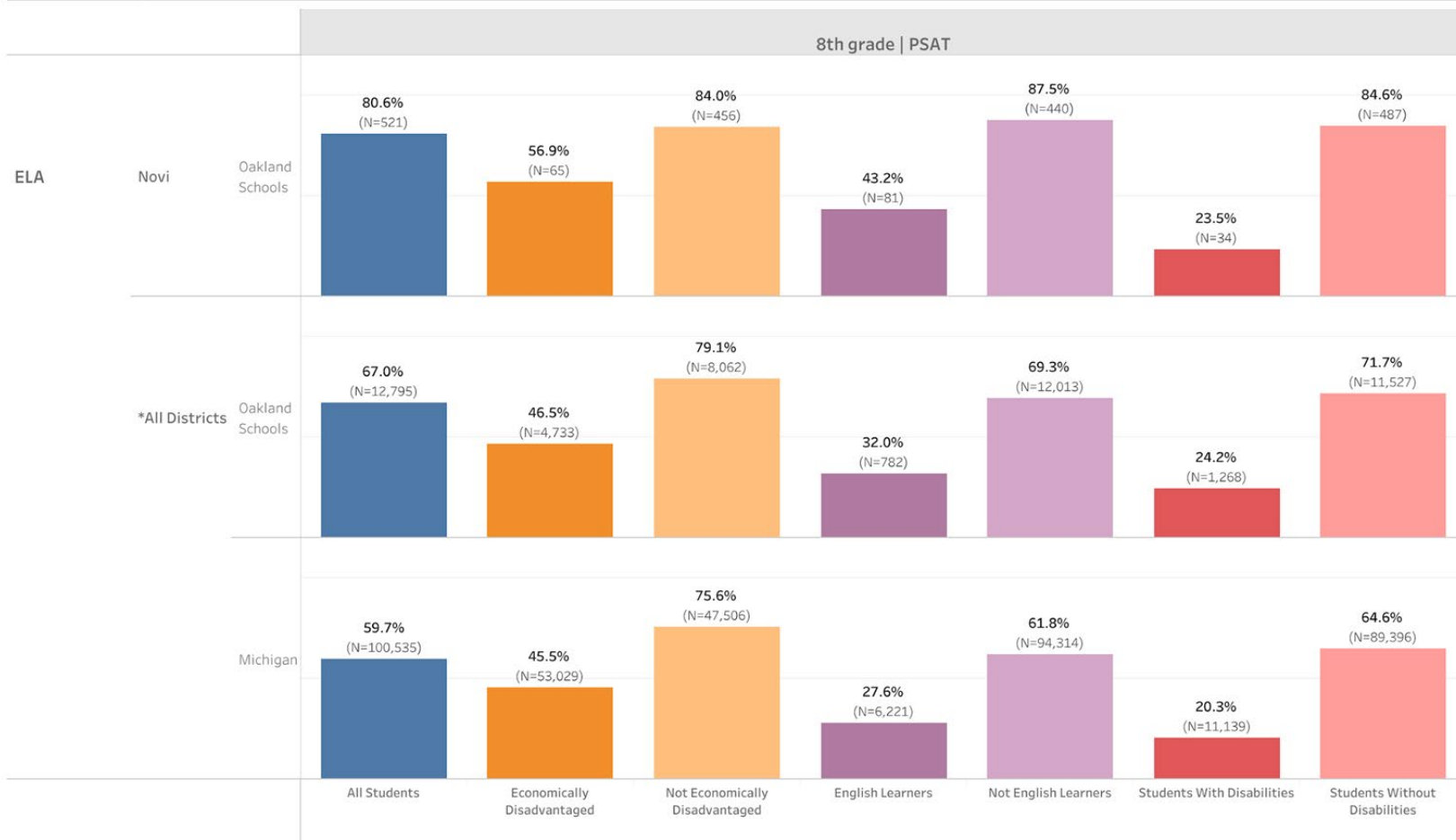
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Opportunities for Improvement: Math

Comparisons Across Economic Disadvantage, English Learners,
Students with Disabilities

Spring 2022

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Percent meeting state standards



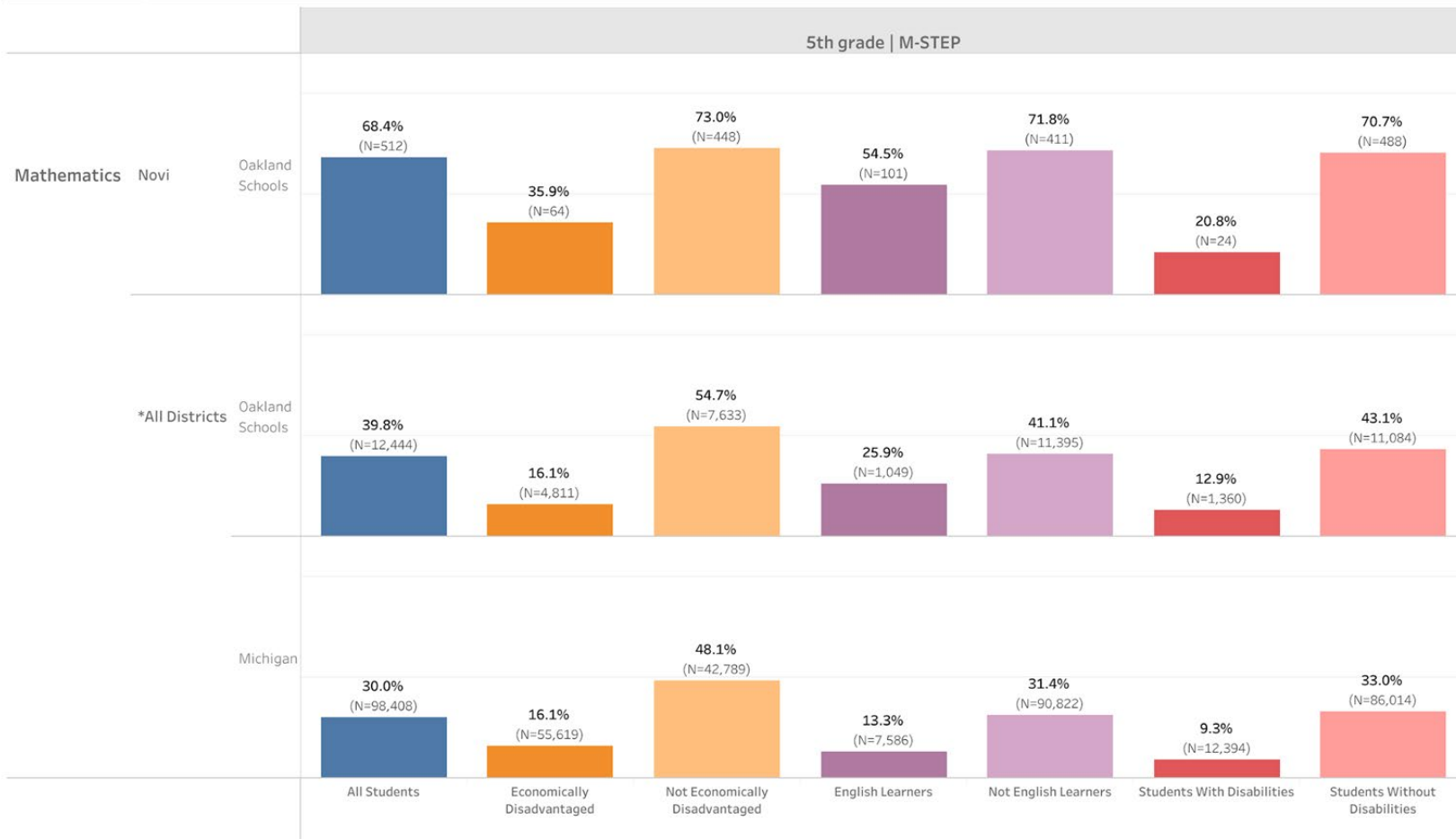
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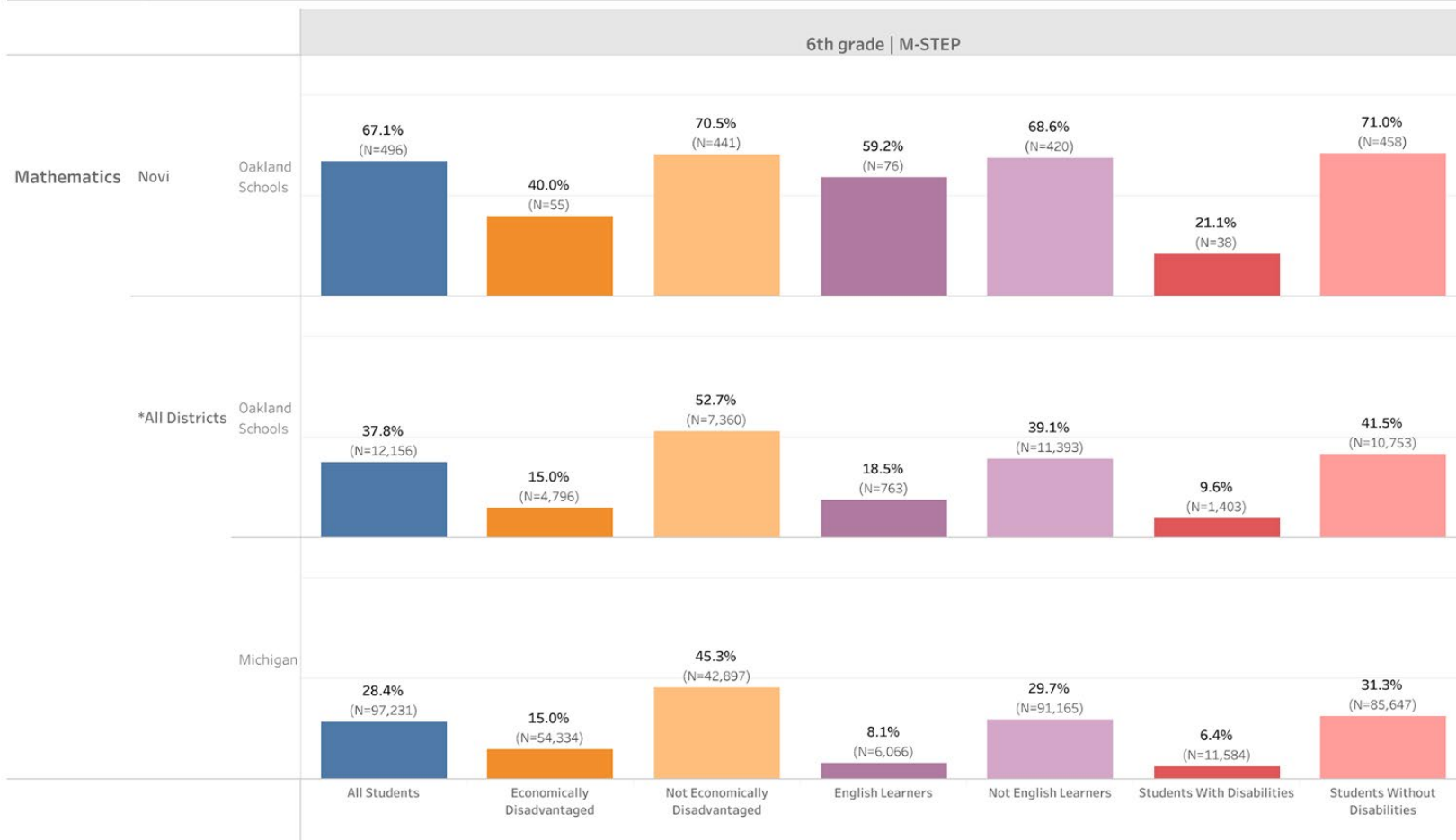
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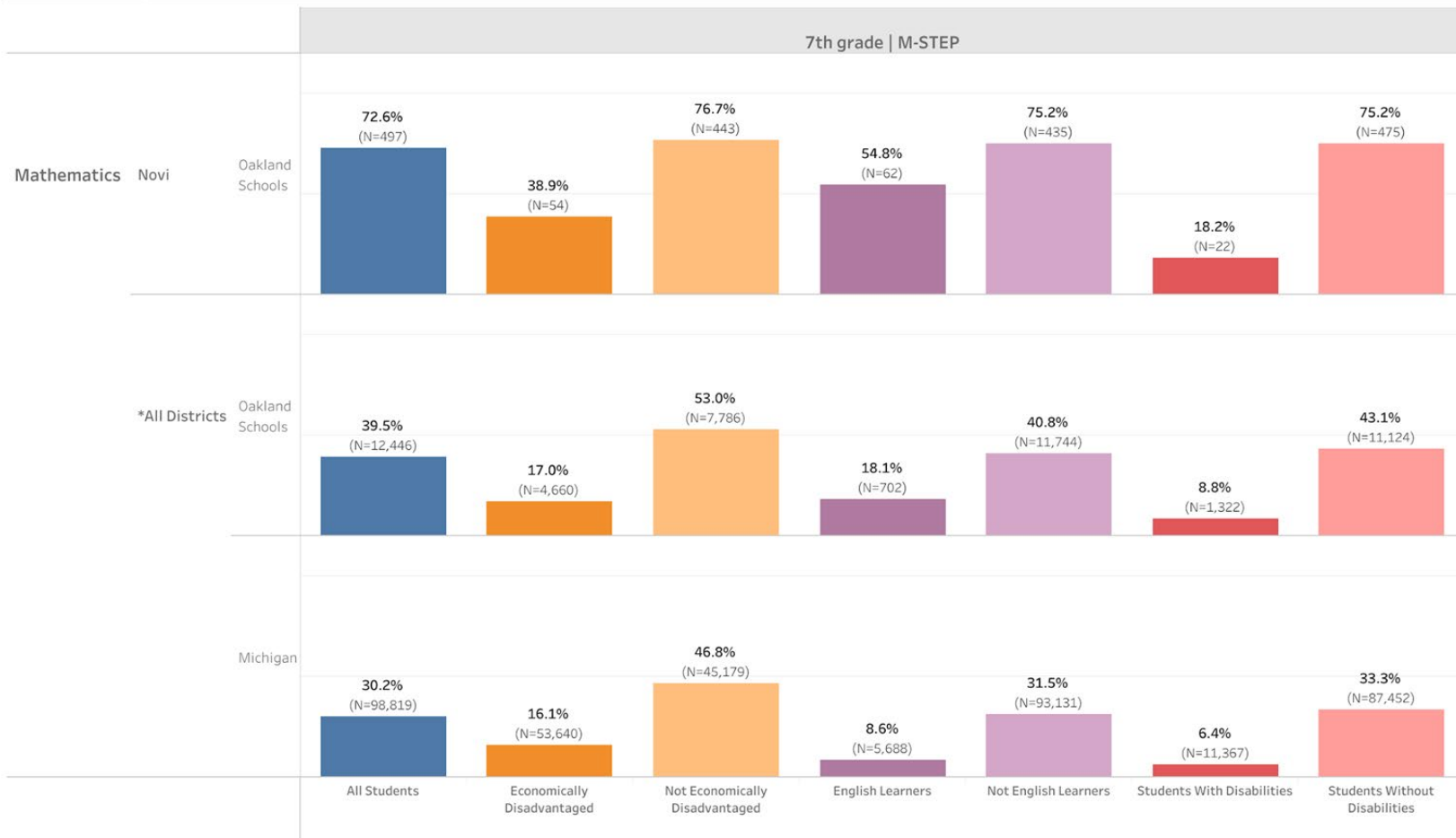
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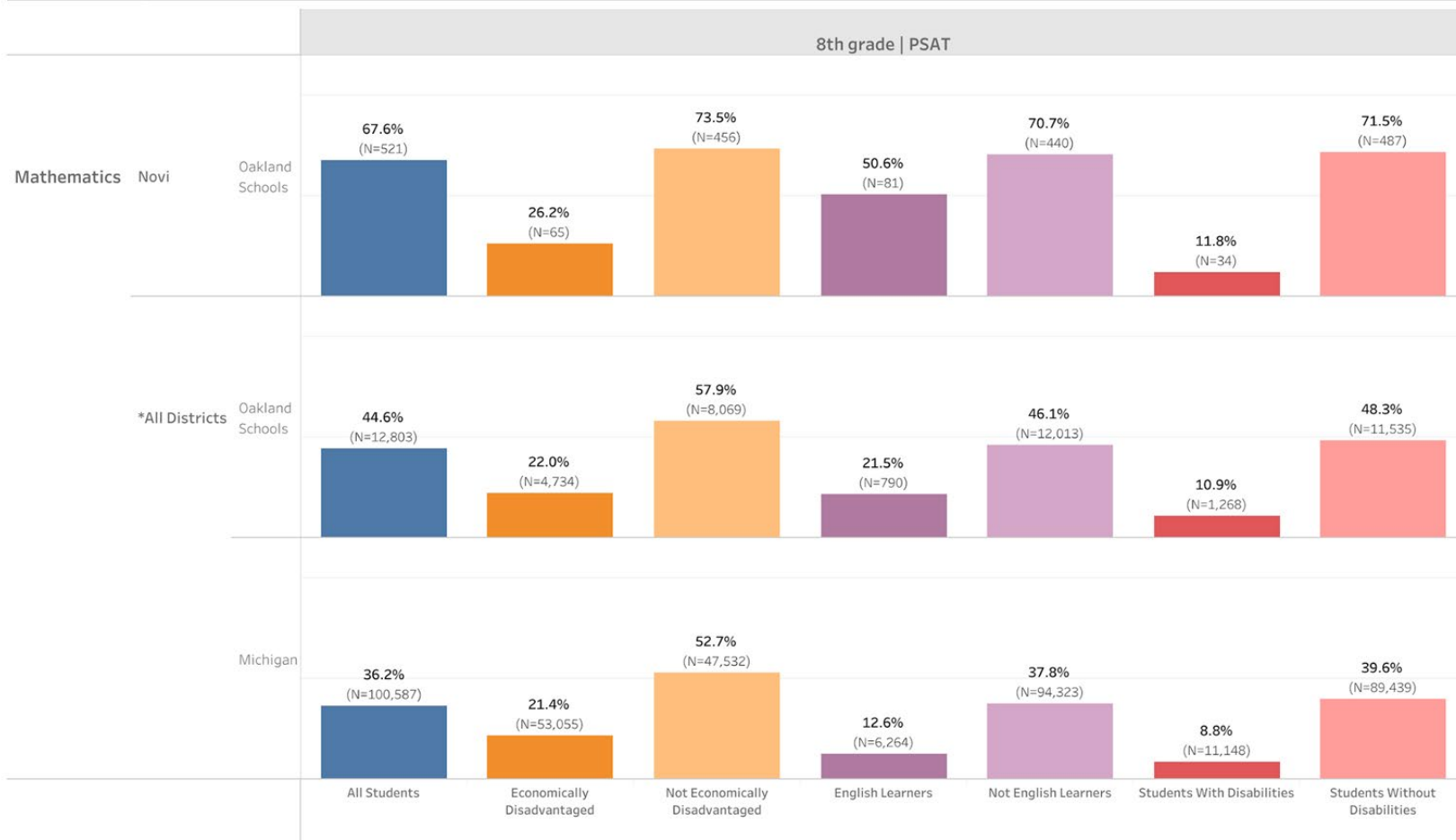
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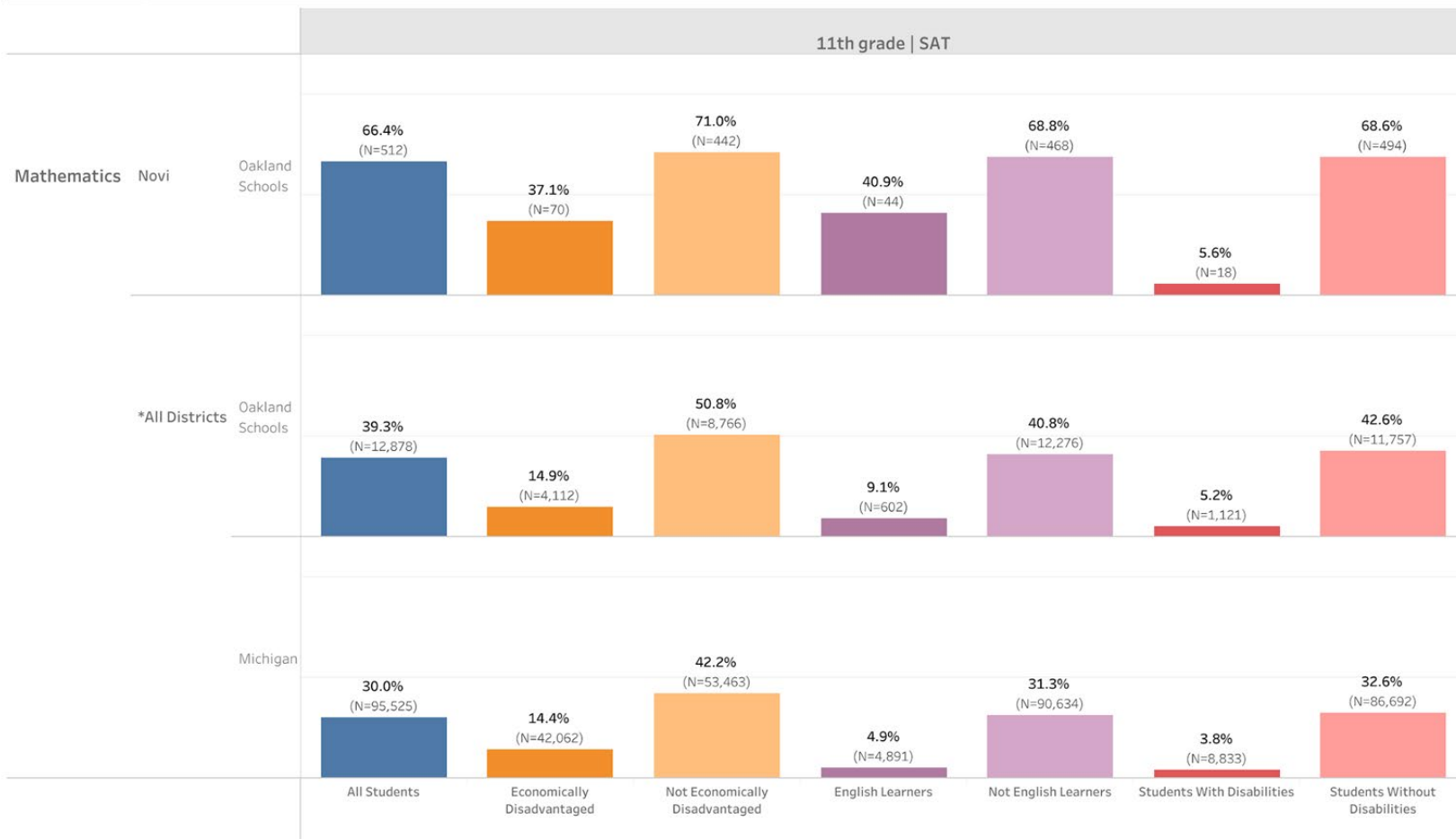
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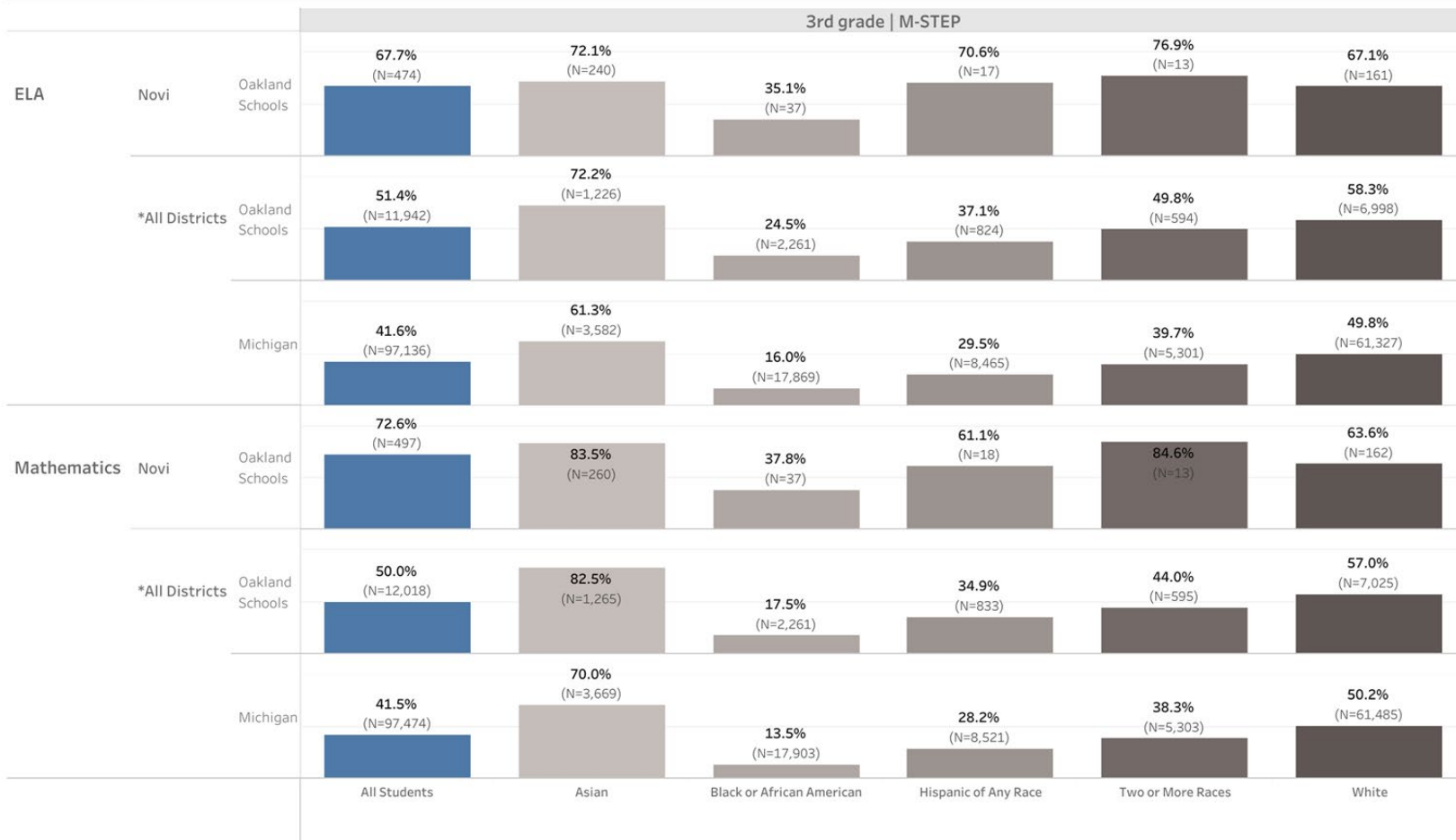


Opportunities for Improvement

Comparisons Across Race/Ethnicity
Spring 2022

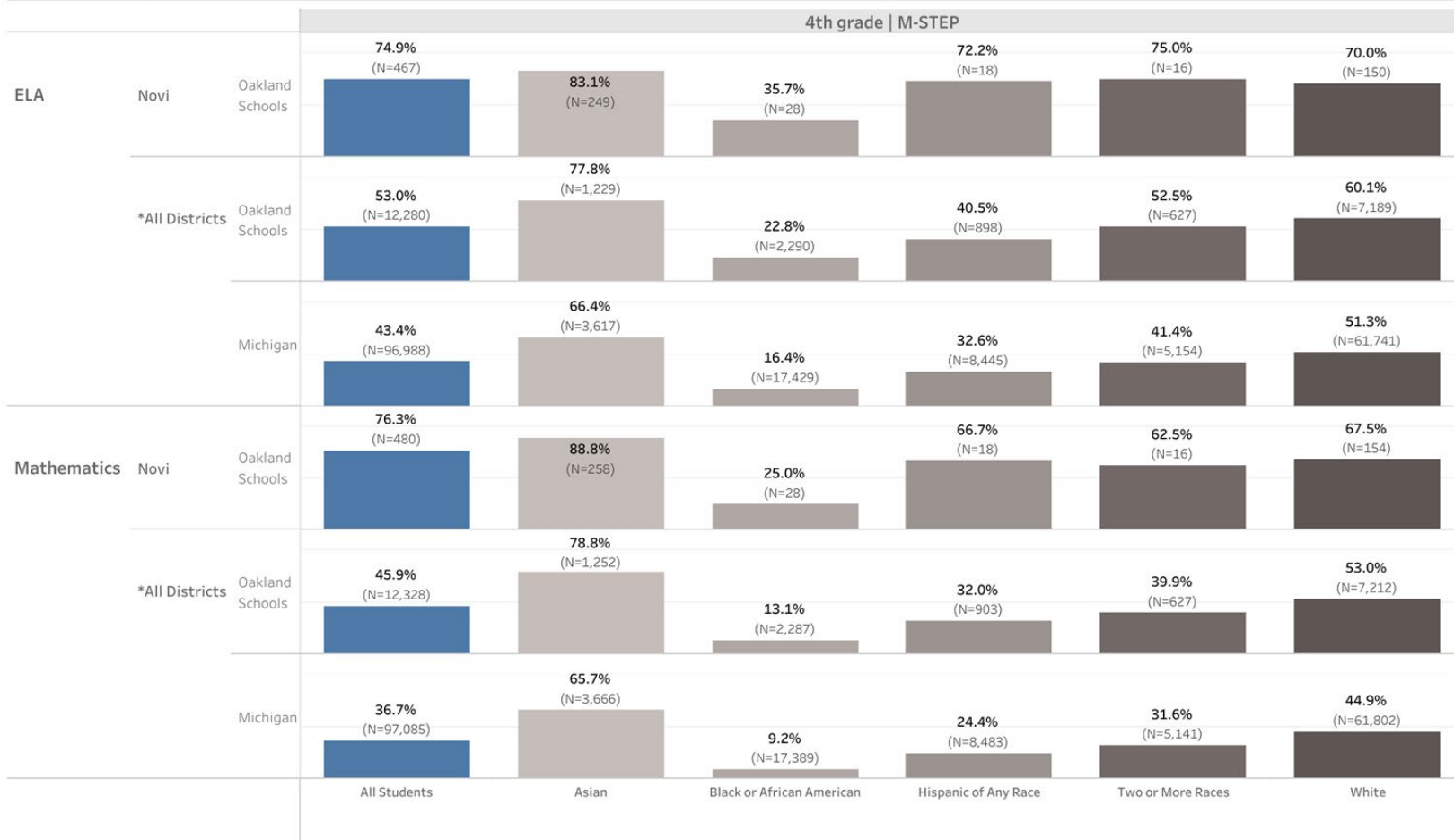
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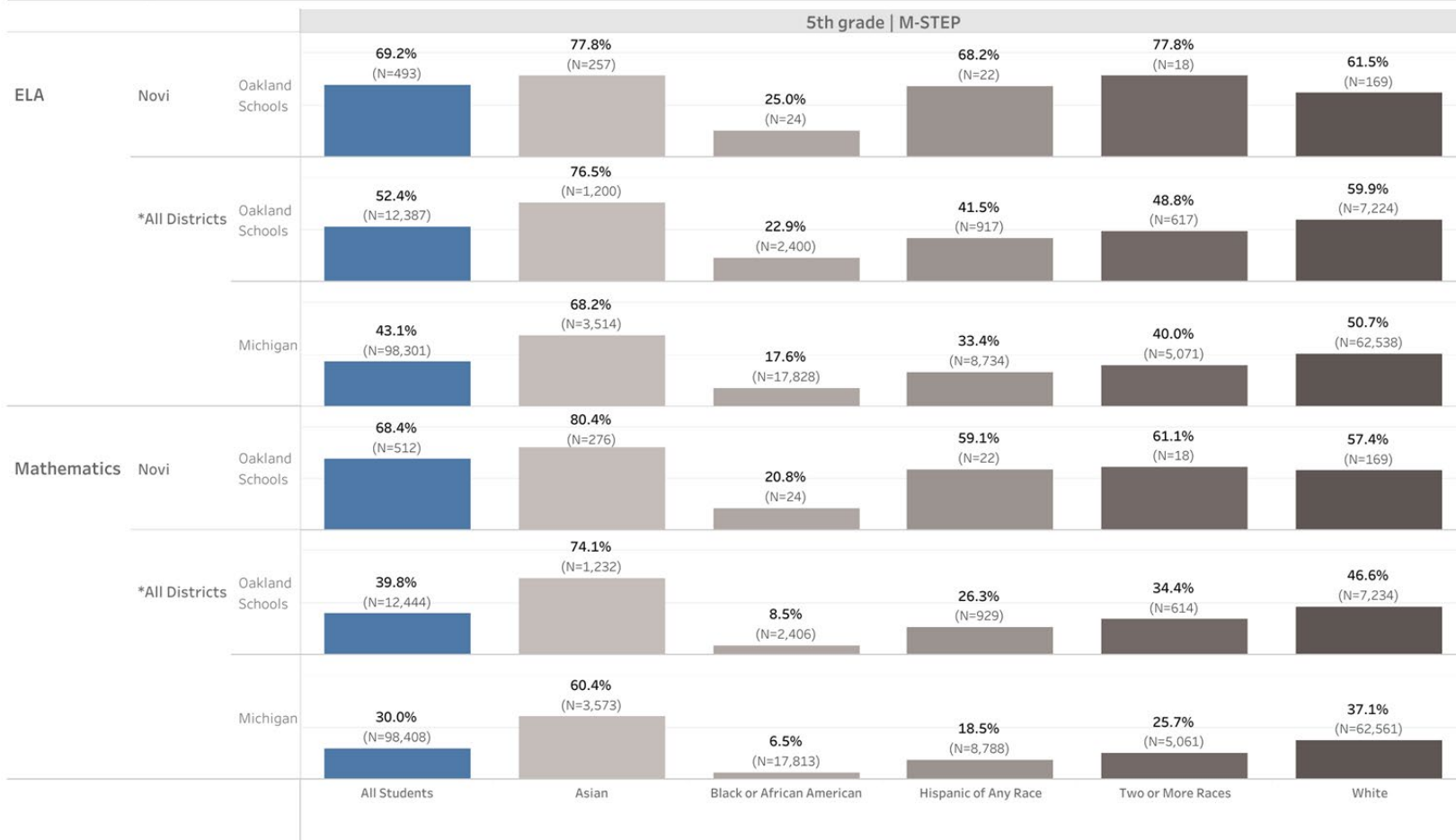
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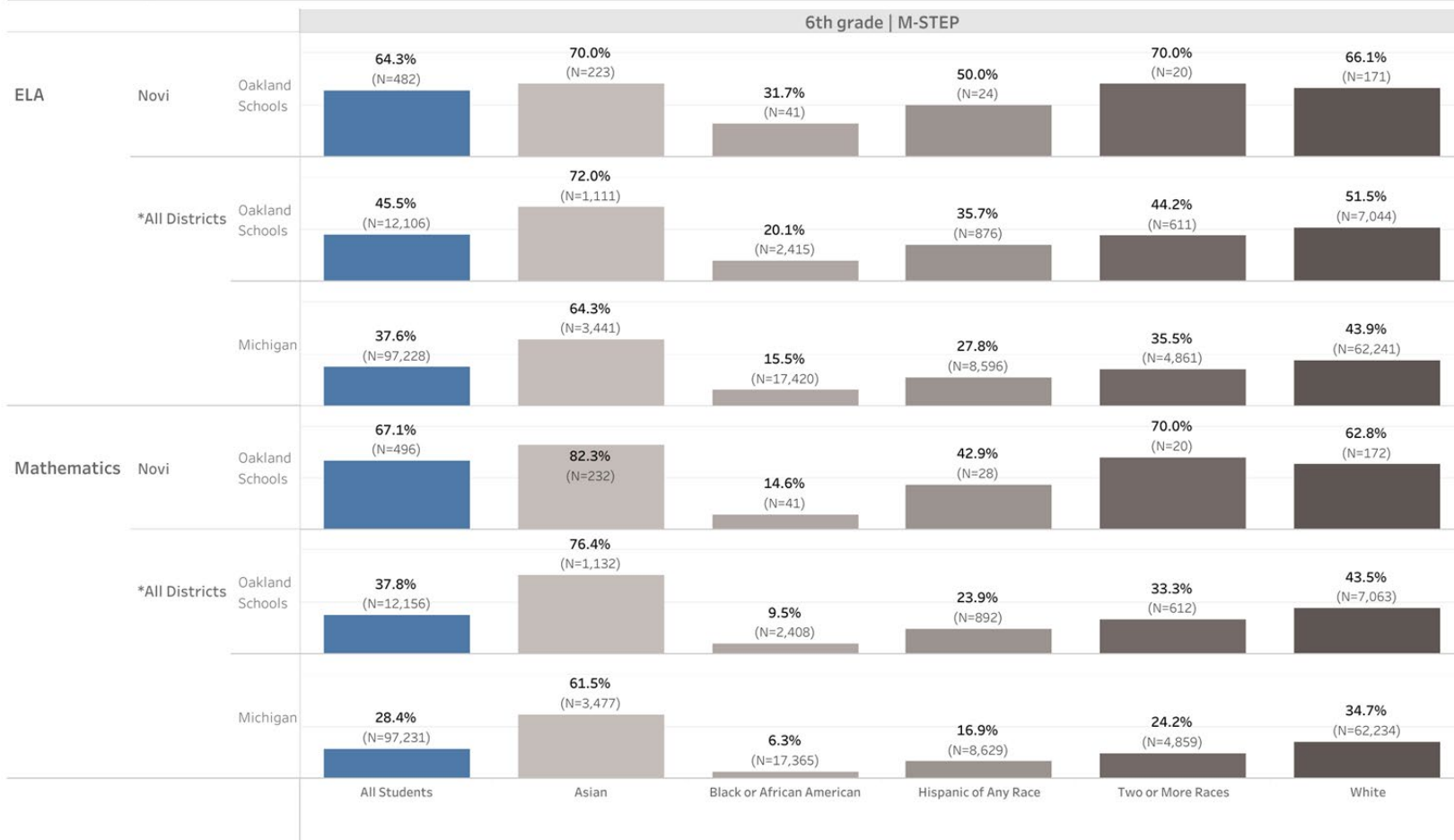
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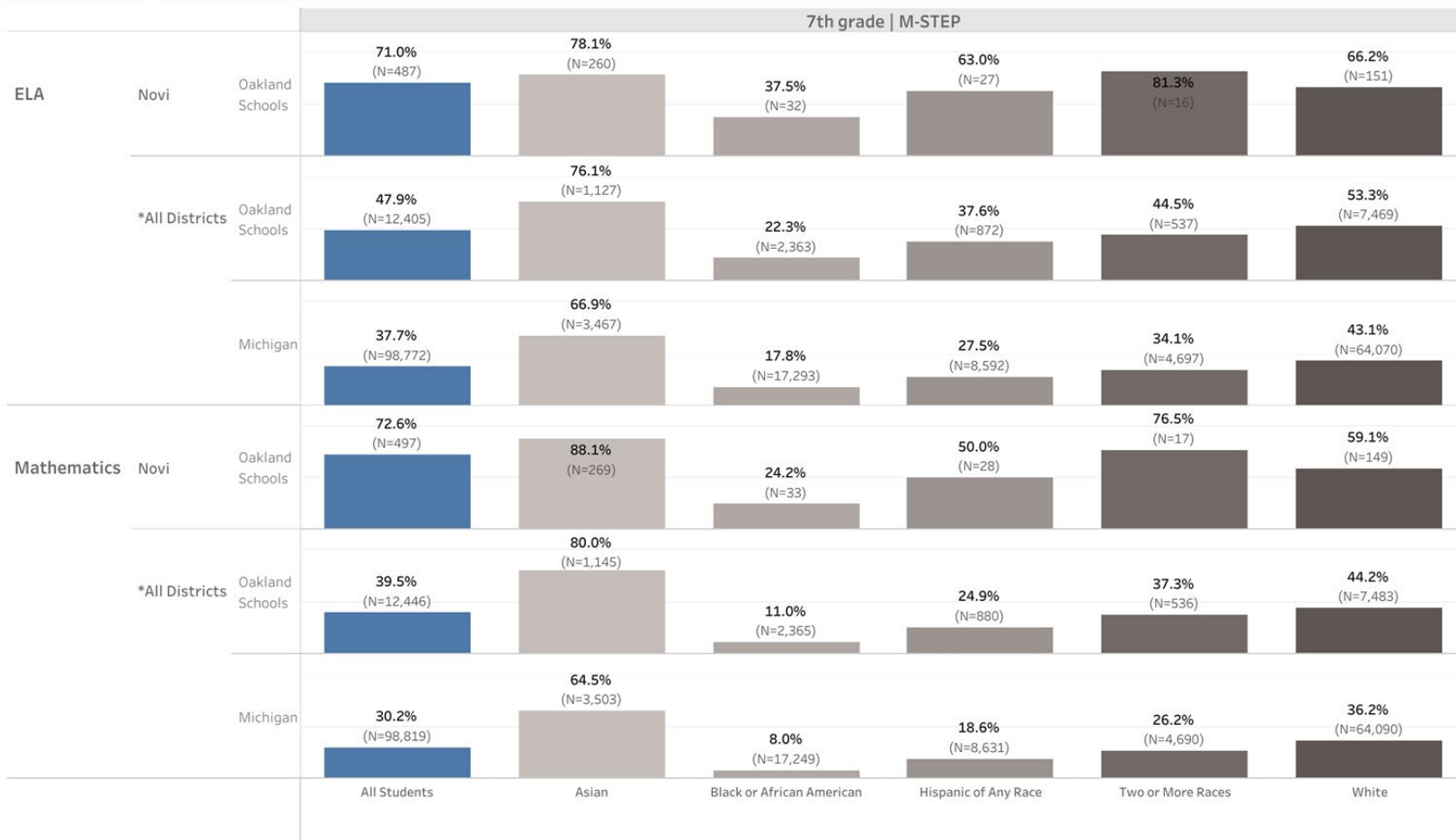
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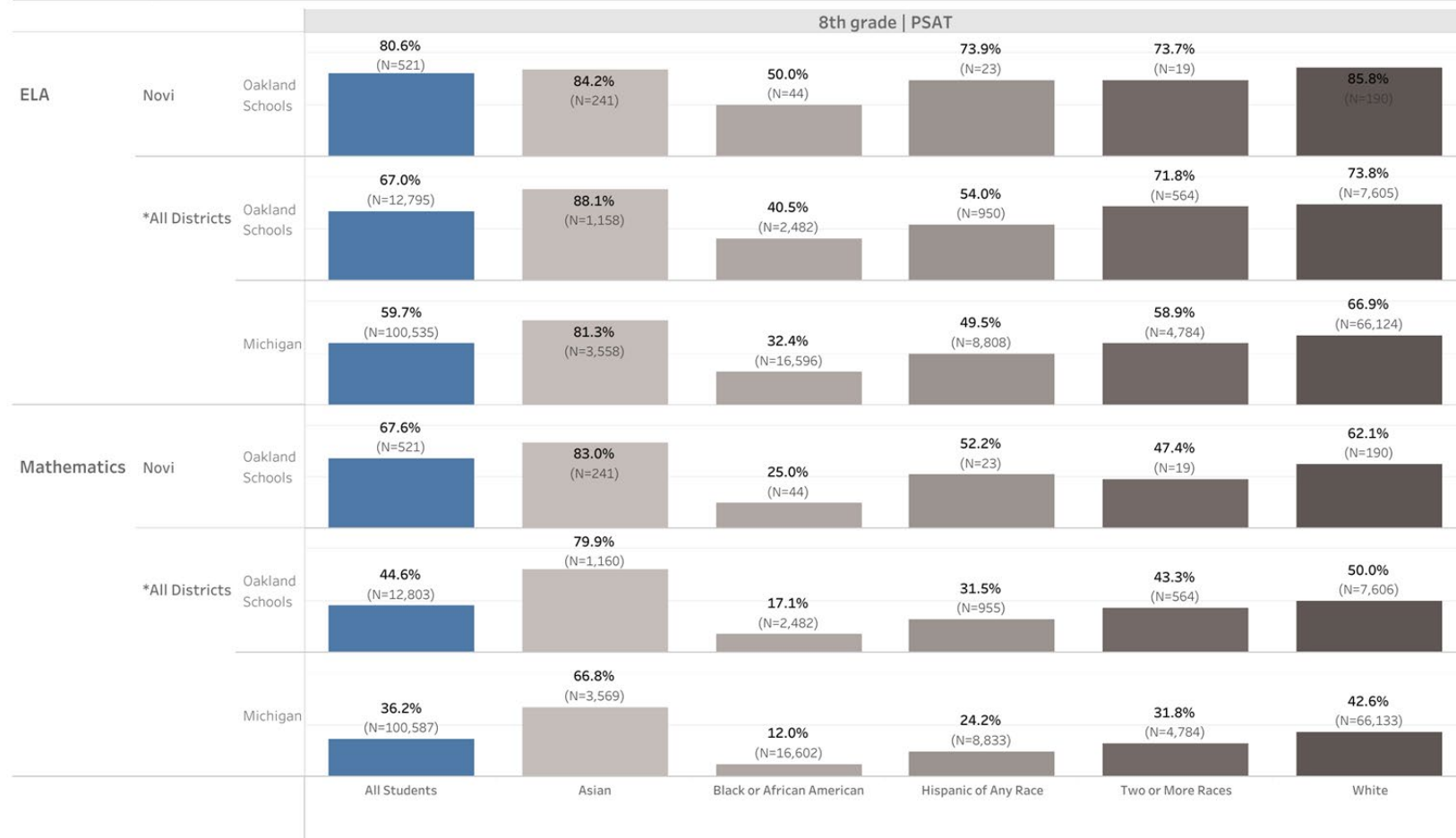
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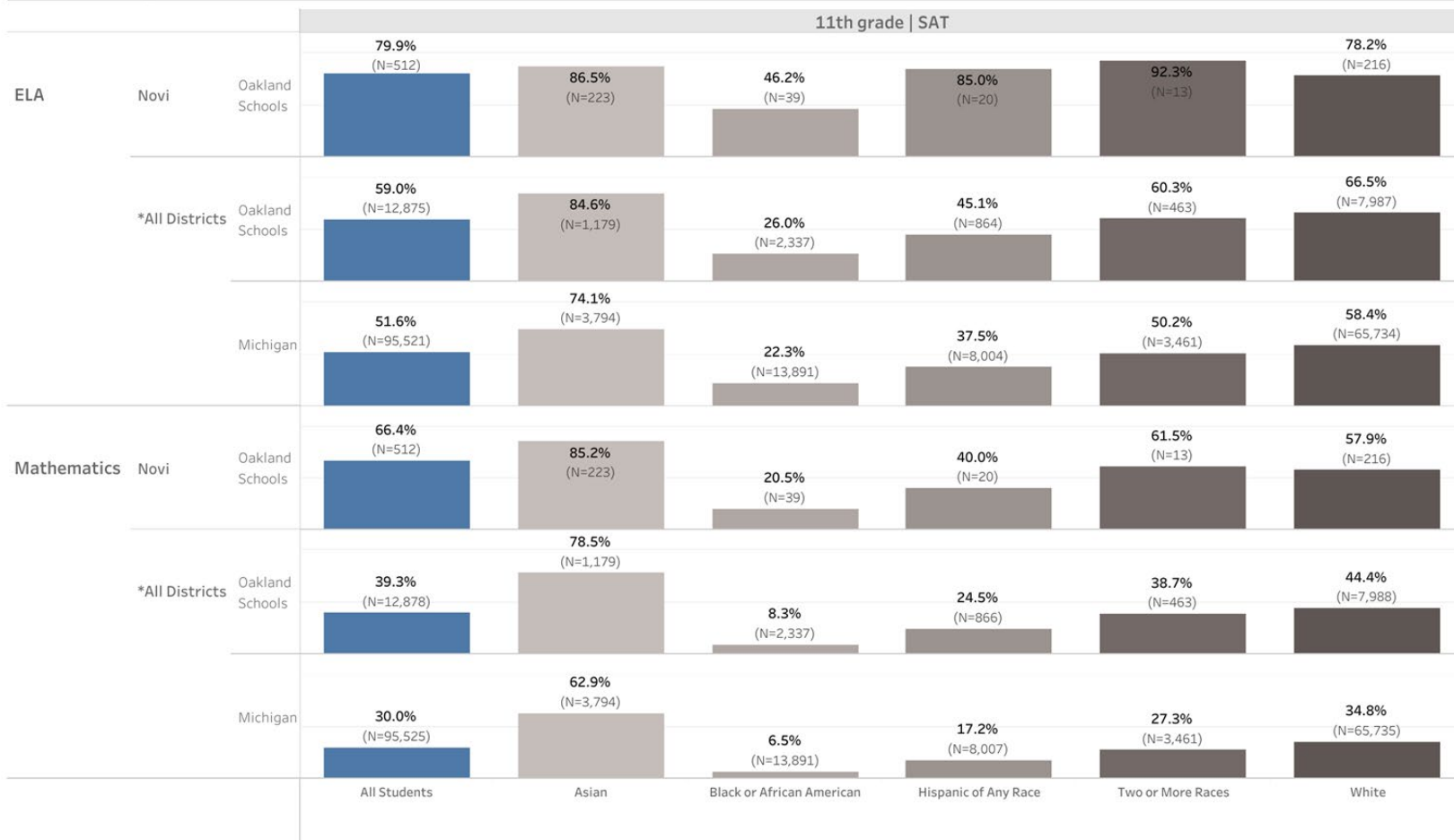
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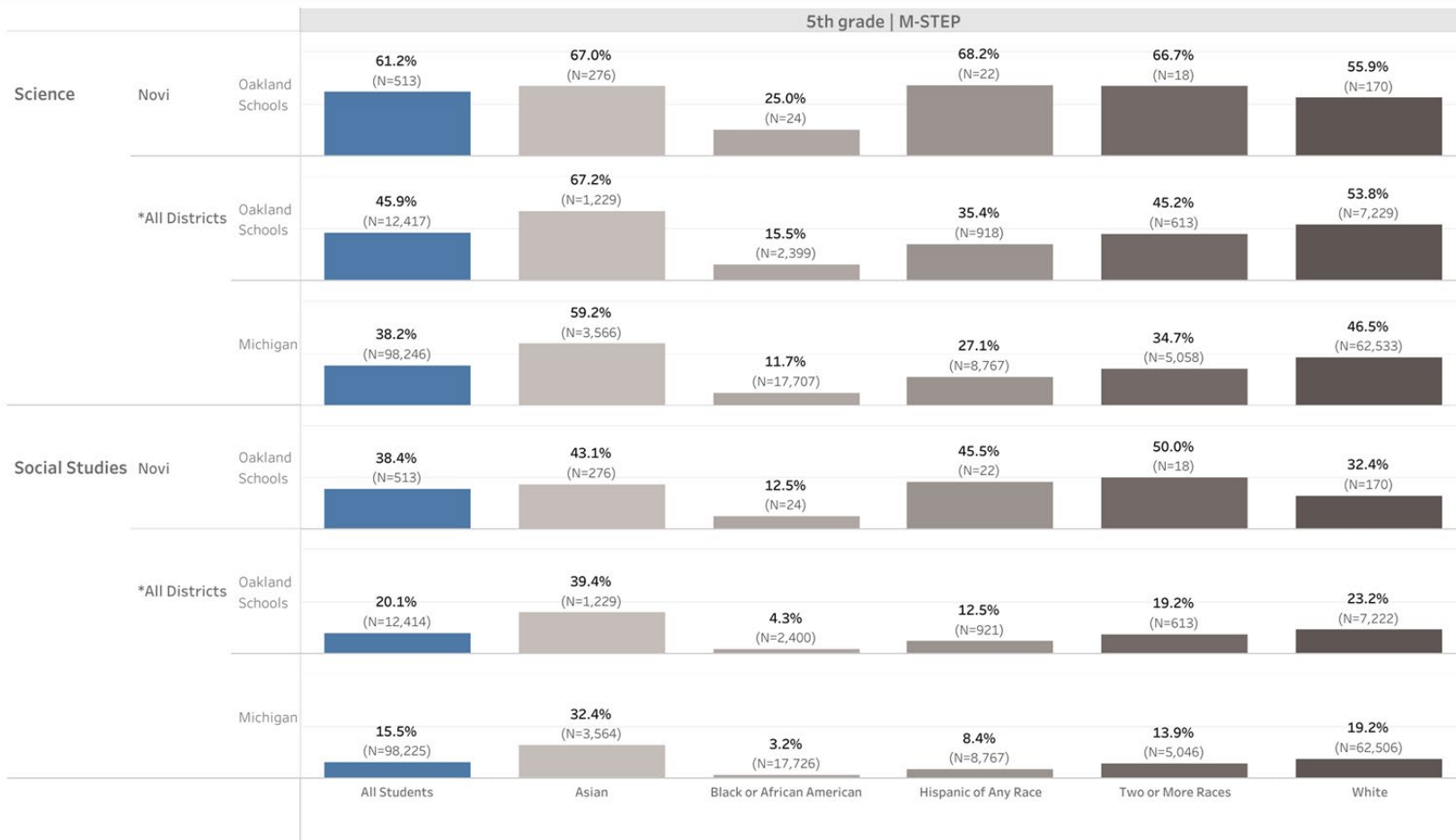
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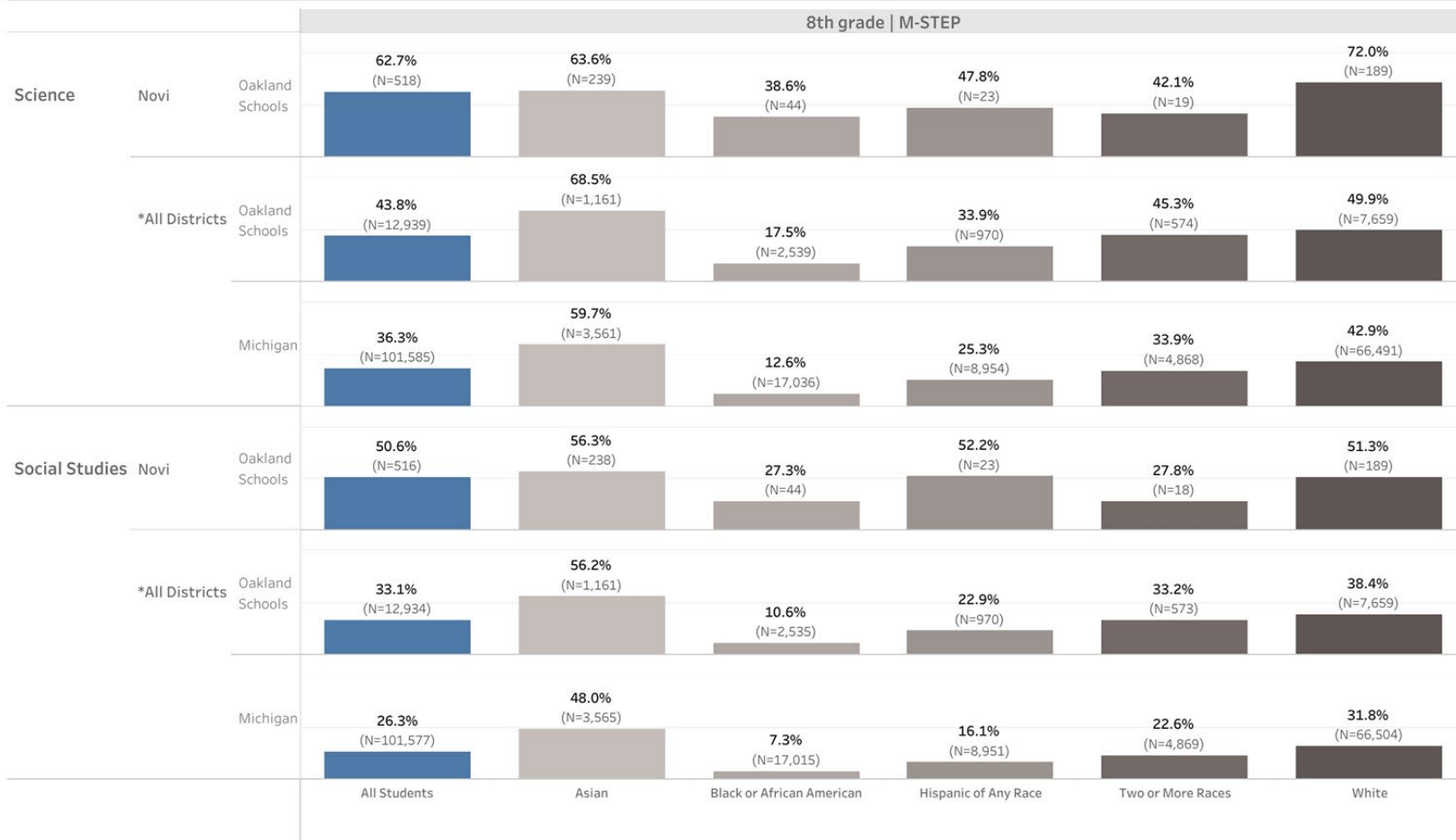
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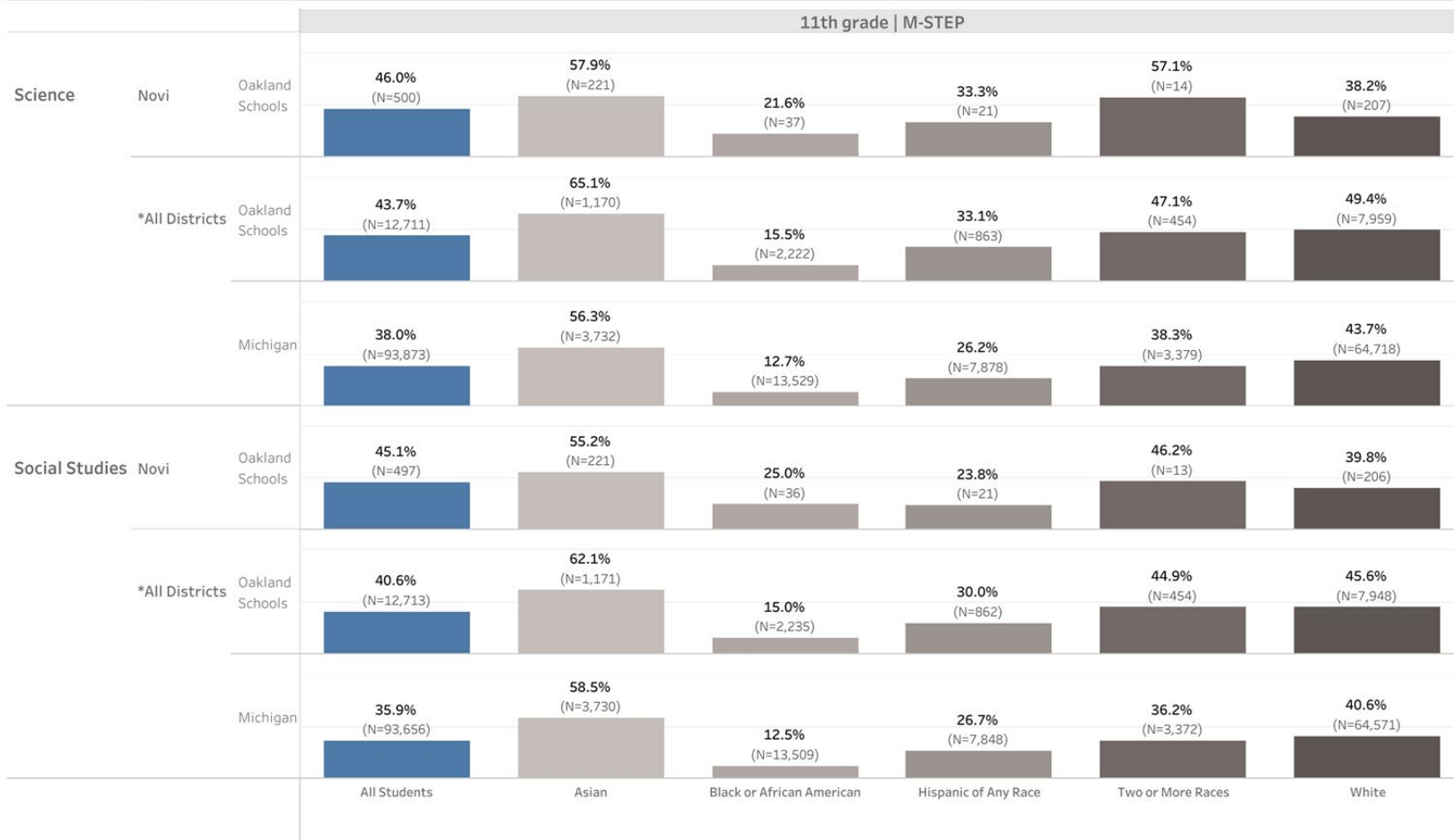
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Percent meeting state standards



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Percent meeting state standards





Relative Strengths & Weaknesses

Spring 2022

3rd Grade: ELA

Relative Strengths	Relative Weaknesses
<p><i>Writing</i> Target 4: Write full informational texts with appropriate organization, focus, and format.</p> <p><i>Listening</i> Target 4: Interpret and use information delivered orally.</p>	<p><i>Writing</i> Target 1: Revise brief texts demonstrating narrative techniques appropriate to purpose.</p> <p>Target 6: Revise brief texts stating an opinion with appropriate organization, focus, and format.</p> <p>Target 9: Edit grammar usage, capitalization, punctuation, spelling to clarify a message and edit a text.</p>

3rd Grade: Math

Relative Strengths	Relative Weaknesses
<p><i>Concepts & Procedures</i> Target F: Develop understanding of fractions as numbers.</p> <p>Target I: Geometric measurement: use concepts of area, relate to multiplication and addition</p> <p><i>Communicating Reasoning</i> Target F: Base arguments on concrete referents such as objects, drawings, diagrams, and actions.</p>	<p><i>Problem Solving</i> Target B: Select and use appropriate tools strategically.</p> <p>Target D: Identify important quantities in a practical situation and map their relationships.</p> <p><i>Modeling & Data Analysis</i> Target C: State logical assumptions being used.</p> <p>Target D: Interpret results in the context of a situation.</p>

4th Grade: ELA

Relative Strengths	Relative Weaknesses
<p><i>Reading</i></p> <p>Target 5: Examine or compare relationships within or across literary texts.</p> <p>Target 10: Determine word meaning based on context, relationships, structure, or use of resources.</p> <p><i>Writing</i></p> <p>Target 4: Write full informational texts demonstrating mode specific organization, format, and focus.</p>	<p><i>Reading</i></p> <p>Target 7: Interpret fig. language/literary devices/connotative meaning and their impact on meaning or tone.</p> <p>Target 8: Use details from the text to support an inference or conclusion about an informational text.</p> <p><i>Writing</i></p> <p>Target 6: Revise brief texts stating opinion demonstrating mode specific org., format, and focus.</p> <p>Target 8: Use language and vocabulary appropriate to the purpose and audience when revising or composing.</p>

4th Grade: Math

Relative Strengths	Relative Weaknesses
<p><i>Concepts & Procedures</i> Target G: Build fractions from unit fractions by applying operations on whole numbers.</p> <p>Target H: Understand decimal notation for fractions, and compare decimal fractions</p> <p>Target K: Geometric measurement: understand concepts of angle and measure angles.</p>	<p><i>Concepts & Procedures</i> Target B: Gain familiarity with factors and multiples.</p> <p>Target C: Generate and analyze patterns.</p> <p><i>Problem Solving</i> Target A: Apply mathematics to solve problems arising in everyday life, society, and workplace.</p> <p><i>Modeling & Data Analysis</i> Target C: State logical assumptions being used.</p>

5th Grade: ELA

Relative Strengths	Relative Weaknesses
<p><i>Reading</i> Target 10: Determine word meaning based on context, relationships, structure, or use of resources.</p> <p>Target 12: Analyze or compare how information is presented within or across informational texts.</p> <p><i>Writing</i> Target 4: Write full explanatory texts demonstrating mode specific techniques: organization, format, focus.</p>	<p><i>Reading</i> Target 6: Analyze literary text structures, features, or formats and their impact on meaning or presentation.</p> <p><i>Writing</i> Target 6: Revise brief texts stating opinion demonstrating mode specific org., format, and focus.</p>

5th Grade: Math

Relative Strengths	Relative Weaknesses
<p><i>Concepts & Procedures</i> Target C: Understand the place value system.</p> <p>Target E: Use equivalent fractions as a strategy to add and subtract fractions.</p> <p>Target J: Graph points on the coordinate plane.</p>	<p><i>Concepts & Procedures</i> Target B: Analyze patterns and relationships.</p> <p>Target G: Convert like measurement units within given measurement system.</p> <p>Target K: Classify 2-D figures into categories based on their properties.</p> <p><i>Problem Solving</i> Target B: Select and use appropriate tools strategically.</p> <p><i>Communicating Reasoning</i> Target B: Construct chains of reasoning that justify or refute propositions or conjectures.</p> <p>Target F: Base arguments on concrete referents such as objects, drawings, diagrams, and actions.</p> <p><i>Modeling & Data Analysis</i> Target A: Apply mathematics to solve problems arising in everyday life, society, and workplace.</p> <p>Target B: Construct chains of reasoning to justify models, interpretations, and solutions.</p> <p>Target C: State logical assumptions being used.</p>

6th Grade: ELA

Relative Strengths	Relative Weaknesses
<p><i>Reading</i> Target 12: Analyze how information is presented within or across informational texts.</p> <p><i>Research</i> Target 3: Assess the credibility and accuracy of each source in order to gather and select information.</p>	<p><i>Reading</i> Target 2: Summarize central ideas/key events of a literary text using key details from the text.</p> <p>Target 4: Make an inference/provide a conclusion of a literary text.</p> <p>Target 5: Analyze relationships among literary elements within or across literary texts.</p>

6th Grade: Math

Relative Strengths	Relative Weaknesses
<p><i>Concepts & Procedures</i> Target C: Compute fluently with multi-digit numbers and find common factors and multiples.</p> <p>Target H: Solve problems involving area, surface area, and volume.</p>	<p><i>Concepts & Procedures</i> Target J: Summarize and describe distributions.</p> <p><i>Communicating Reasoning</i> Target A: Test propositions or conjectures with specific examples.</p> <p>Target G: At later grades, determine conditions under which an argument does and does not apply.</p> <p><i>Modeling & Data Analysis</i> Target C: State logical assumptions being used.</p> <p>Target D: Interpret results in the context of a situation.</p> <p>Target E: Analyze existing model or develop model of a real phenomenon.</p>

7th Grade: ELA

Relative Strengths	Relative Weaknesses
<p><i>Reading</i></p> <p>Target 9: Summarize central ideas, key events, procedures, or topics and subtopics in an informational text.</p> <p>Target 11: Make an inference/provide a conclusion of an informational text.</p> <p>Target 12: Analyze how information is presented within or across informational texts.</p> <p><i>Research</i></p> <p>Target 4: Cite evidence to support analyses, arguments, or critiques.</p>	<p><i>Reading</i></p> <p>Target 4: Make an inference/provide a conclusion of a literary text.</p> <p><i>Writing</i></p> <p>Target 1: Apply narrative techniques, text structures, transitional strategies when writing/revising text.</p> <p>Target 6: Apply strategies when writing/revising one or more paragraphs of text.</p>

7th Grade: Math

Relative Strengths	Relative Weaknesses
<p><i>Concepts & Procedures</i> Target E: Know geometrical figures and describe the relationships between them.</p> <p>Target F: Angle measure, area, surface area, and volume.</p> <p>Target I: Investigate chance processes and develop, use, & evaluate probability models.</p> <p><i>Communicating Reasoning</i> Target G: At later grades, determine conditions under which an argument does and does not apply.</p> <p><i>Modeling & Data Analysis</i> Target B: Construct chains of reasoning to justify models, interpretations, and solutions.</p>	<p><i>Concepts & Procedures</i> Target H: Draw informal comparative inferences about two populations.</p> <p>Target B: Select and use appropriate tools strategically.</p> <p><i>Modeling & Data Analysis</i> Target C: State logical assumptions being used.</p>

8th Grade: ELA

Relative Strengths	Relative Weaknesses
Not identified in the state reports	Not identified in state reports

8th Grade: Math

Relative Strengths	Relative Weaknesses
Not identified in the state reports	Not identified in the state reports

11th Grade: Evidence-Based Reading & Writing

Relative Strengths	Relative Weaknesses
<i>Command of Evidence</i> <i>Expression of Ideas</i>	<i>Words in Context</i>

11th Grade: Math

Relative Strengths	Relative Weaknesses
<i>Problem Solving & Data Analysis</i>	<i>Heart of Algebra</i>