



Spring 2022 State Assessment Summary

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Assistant Superintendent of Academics

Novi Community School District

October 20, 2022



Presentation Overview

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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](#)



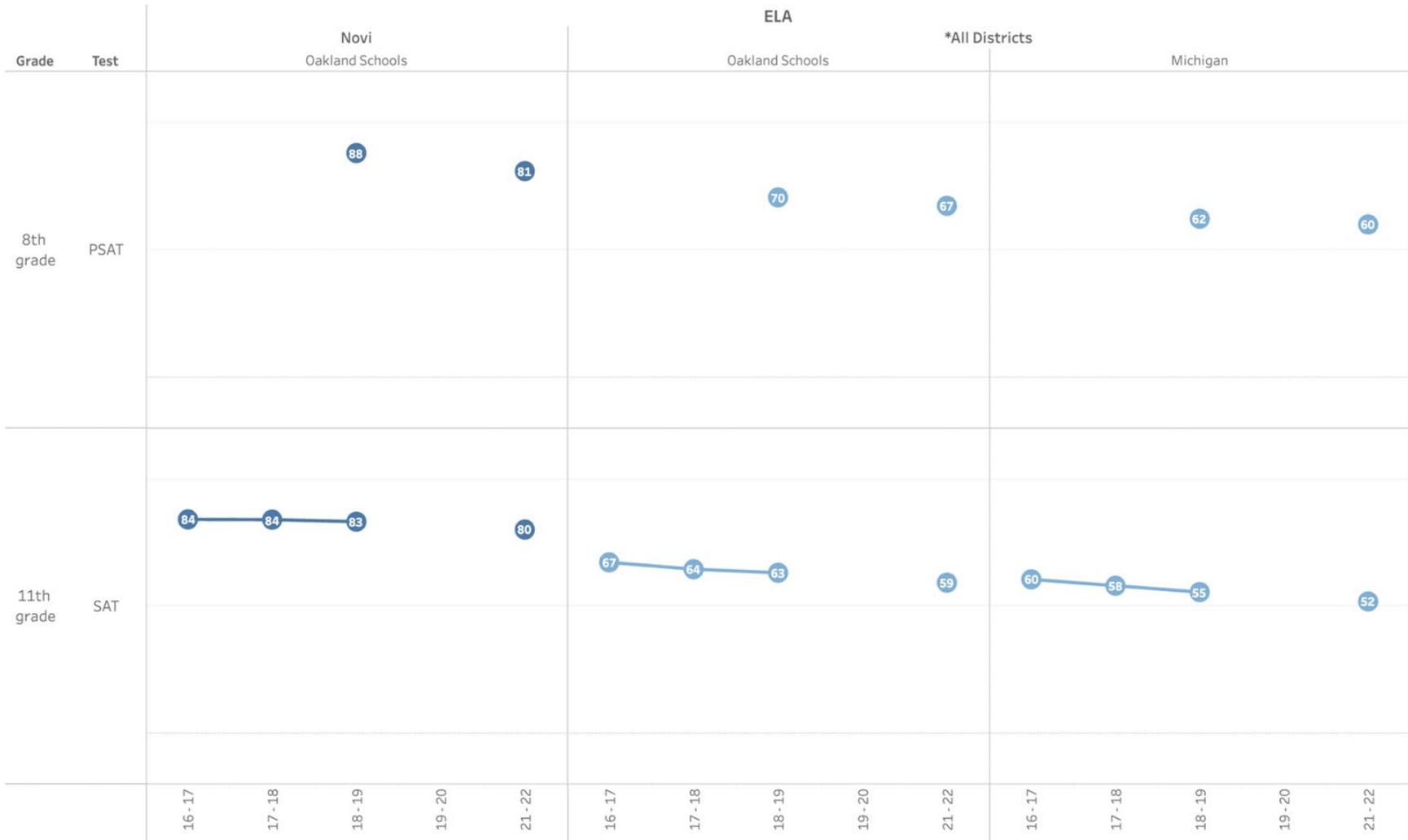
Trends Over Time

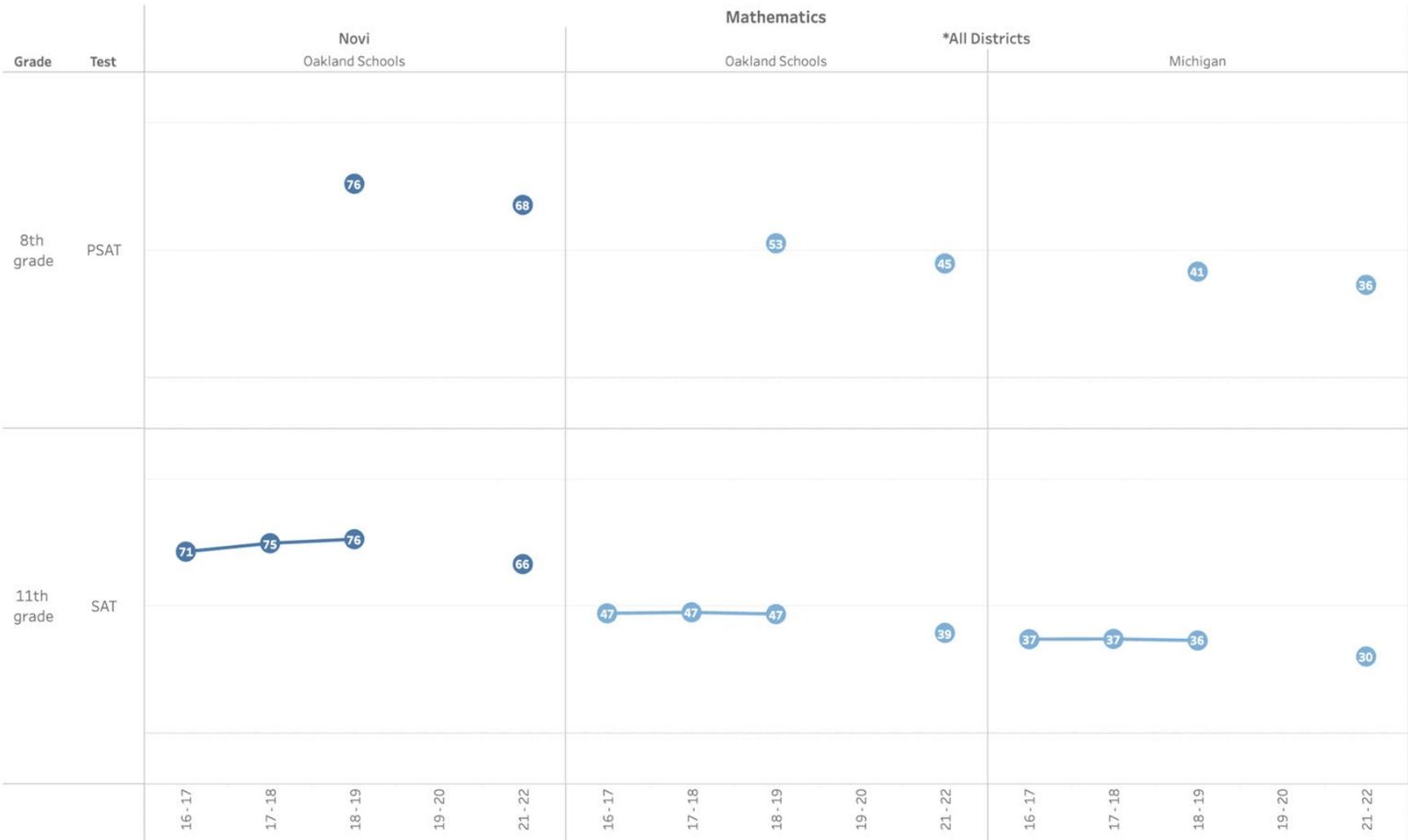


| Grade | Test | ELA | | |
|-----------|--------|-----------------|-----------------|-------------|
| | | Novi | *All Districts | |
| | | Oakland Schools | Oakland Schools | Michigan |
| 3rd grade | M-STEP | 67-70-70 68 | 51-52-53 51 | 44-44-45 42 |
| 4th grade | M-STEP | 68-60-69 75 | 54-54-55 53 | 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 |

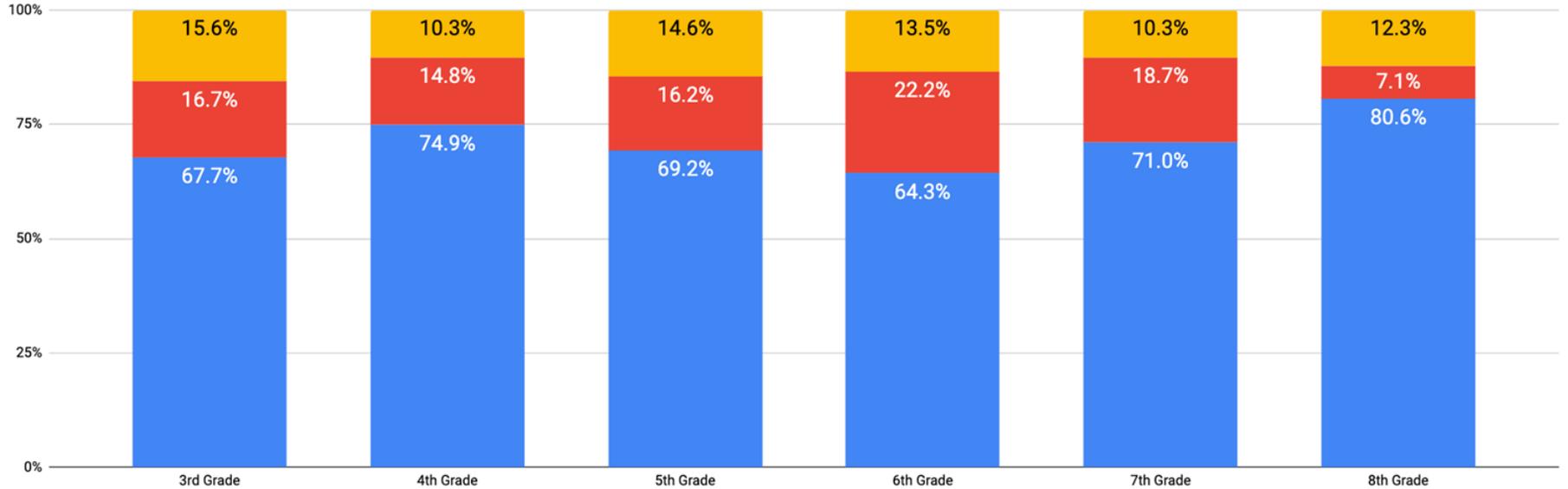






ELA Proficiency Spring 2022

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



Grades 3-7 M-STEP; Grade 8 PSAT



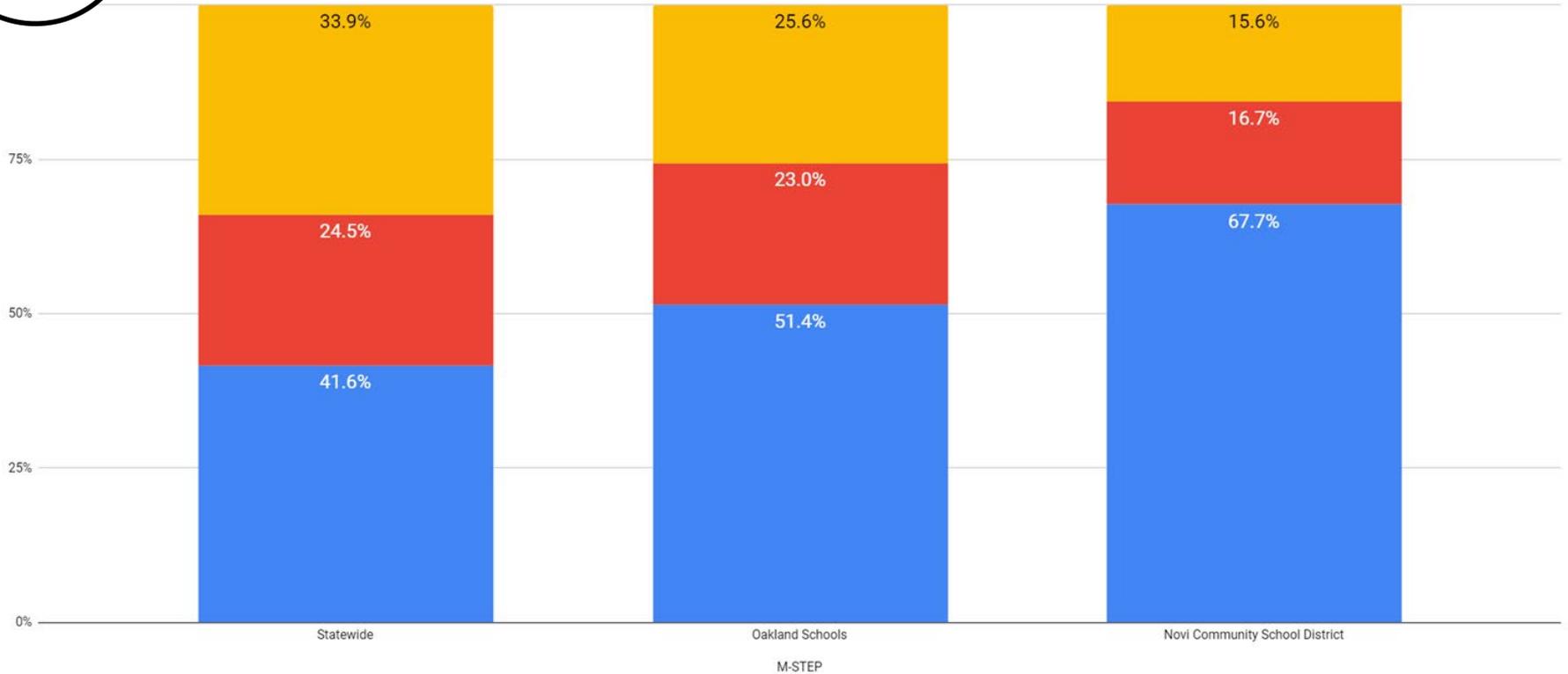
ELA Performance by Grade Level

County and State Comparisons
Spring 2022



3rd Grade ELA Proficiency Spring 2022

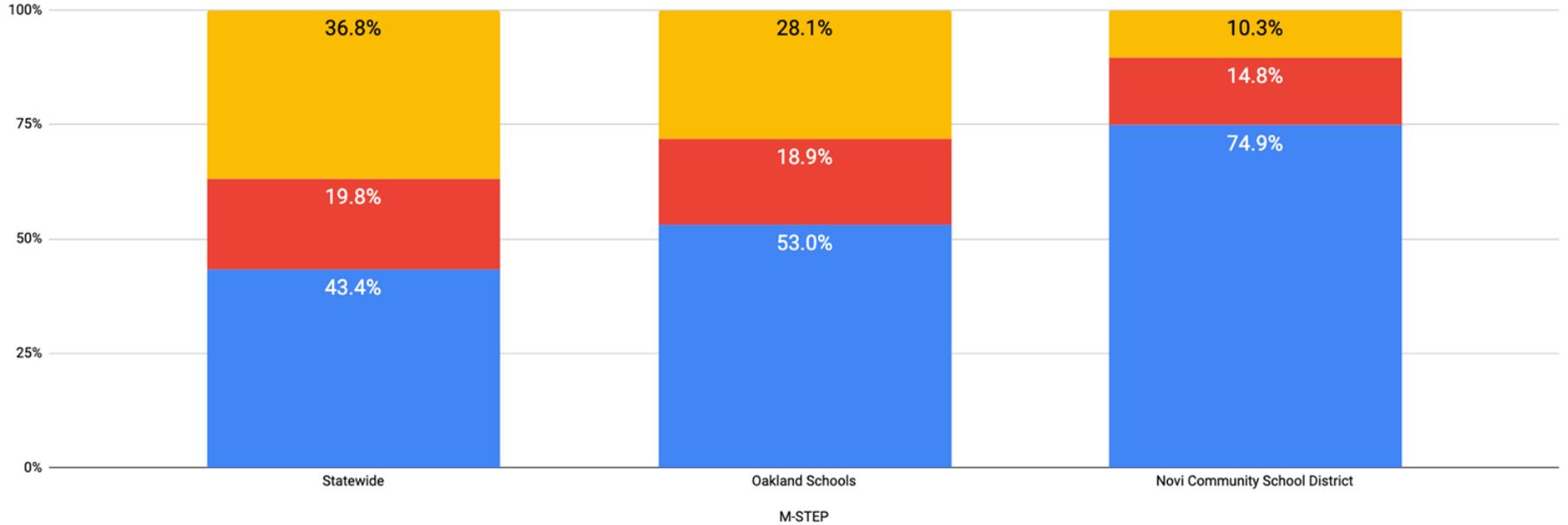
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





4th Grade ELA Proficiency Spring 2022

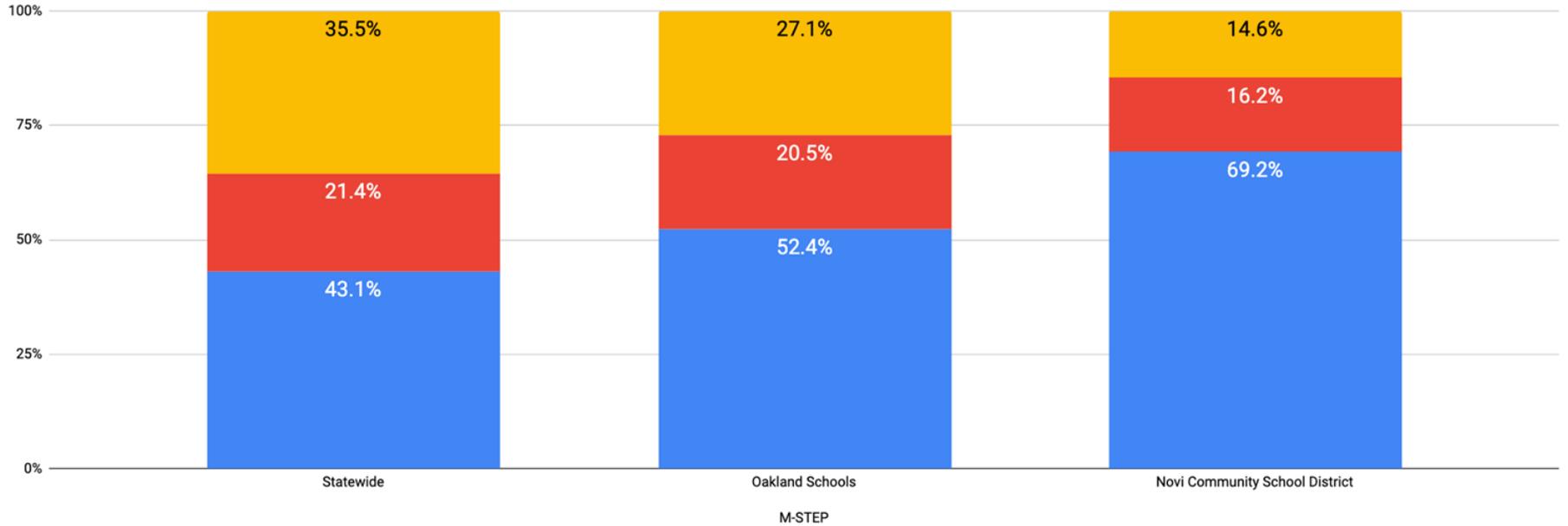
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





5th Grade ELA Proficiency Spring 2022

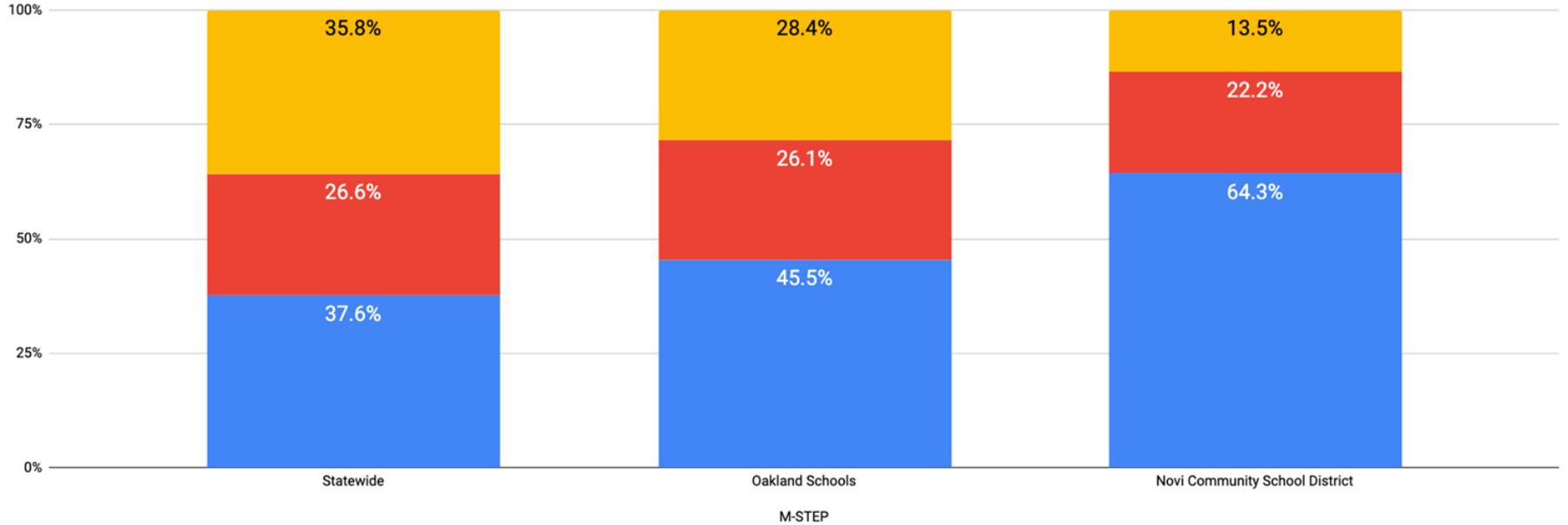
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





6th Grade ELA Proficiency Spring 2022

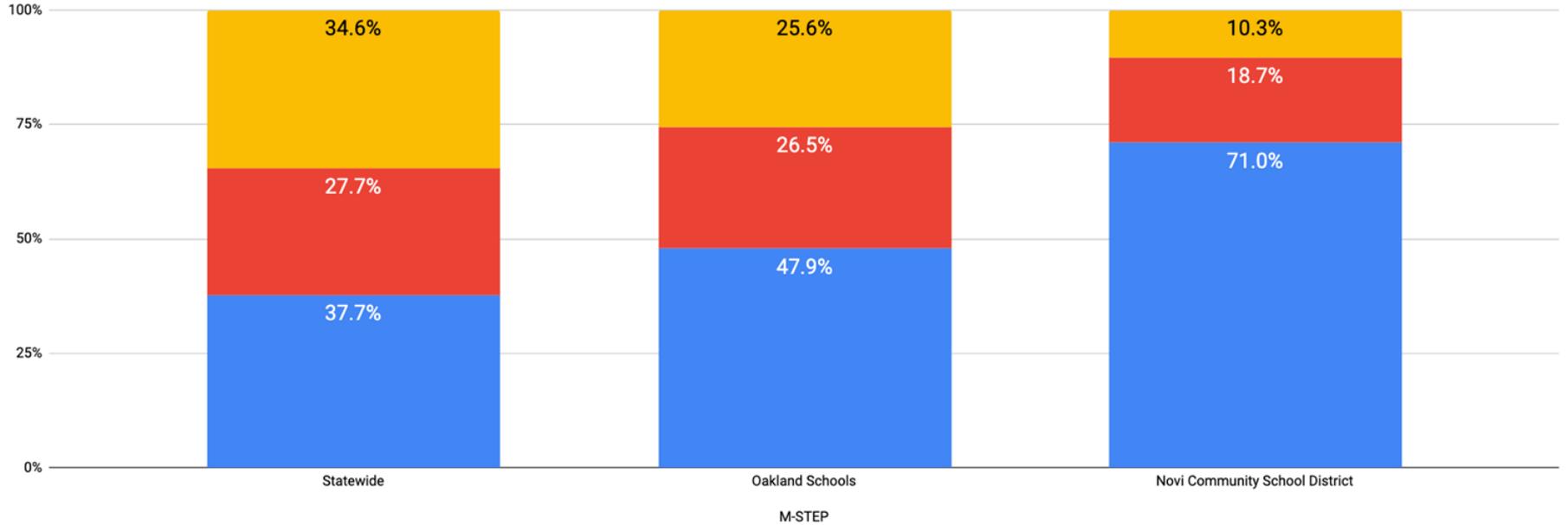
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





7th Grade ELA Proficiency Spring 2022

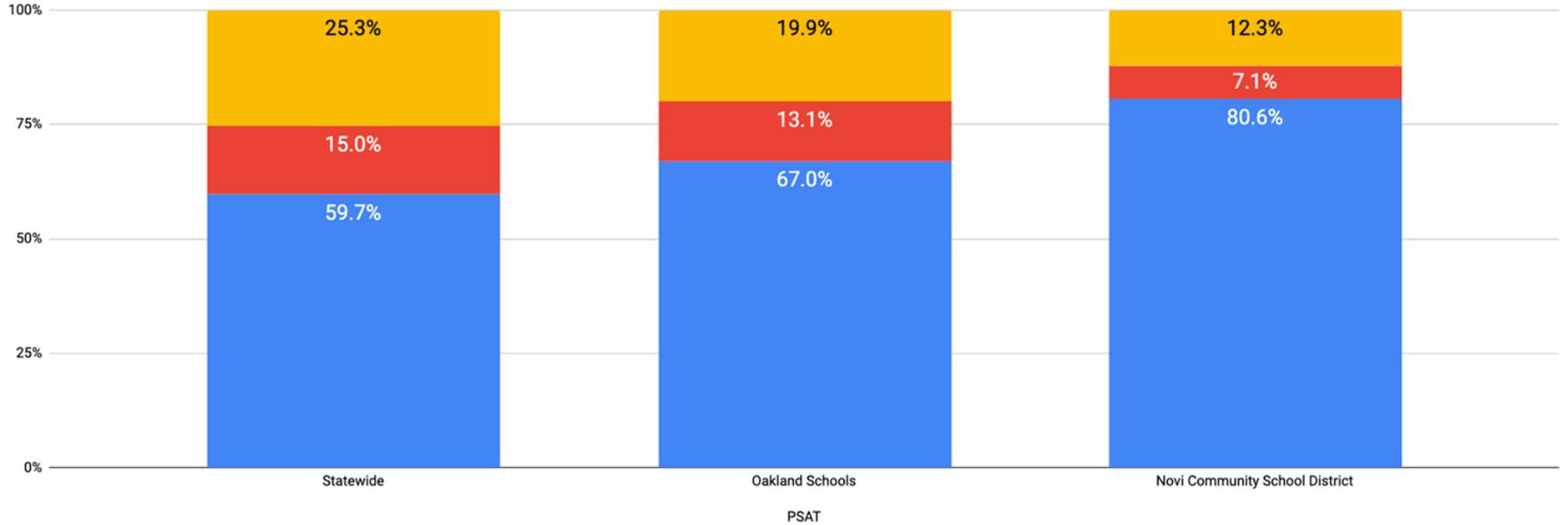
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





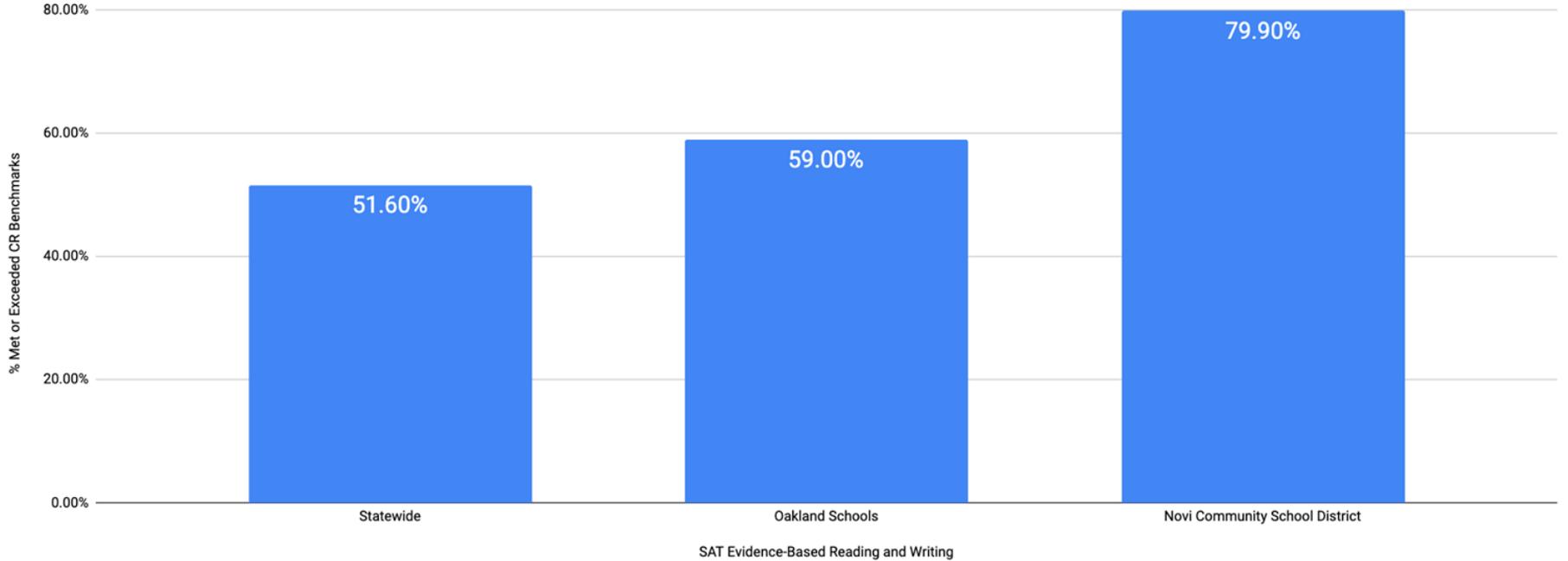
8th Grade ELA Proficiency Spring 2022

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





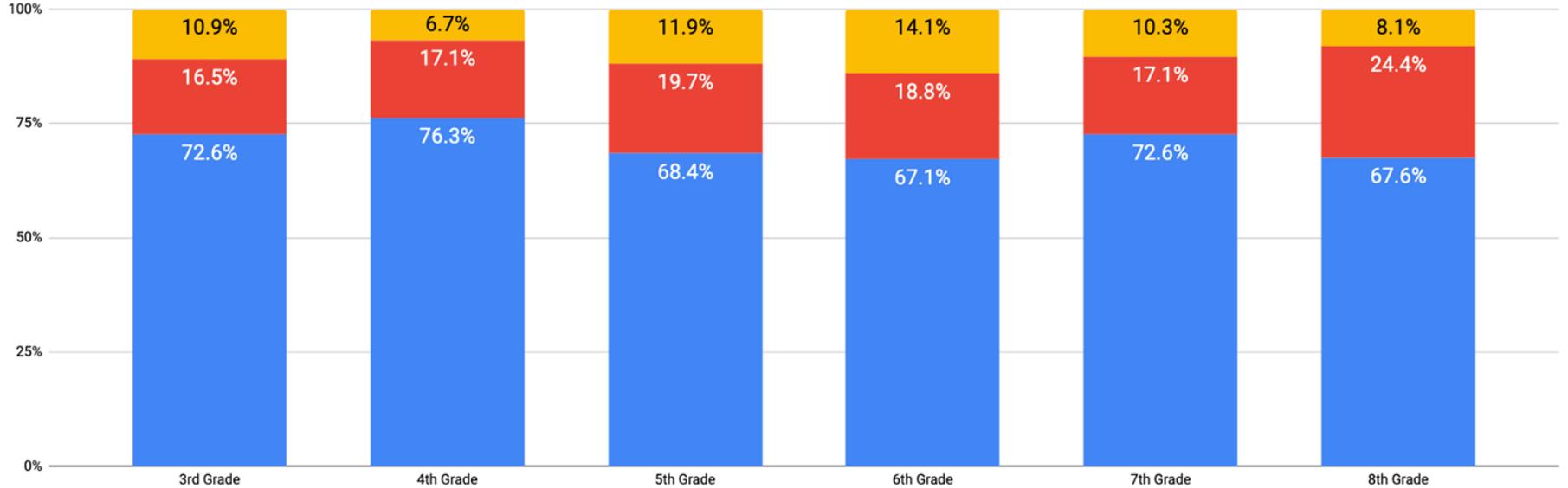
11th Grade ELA Proficiency Spring 2022





Math Proficiency Spring 2022

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



Grades 3-7 M-STEP; Grade 8 PSAT



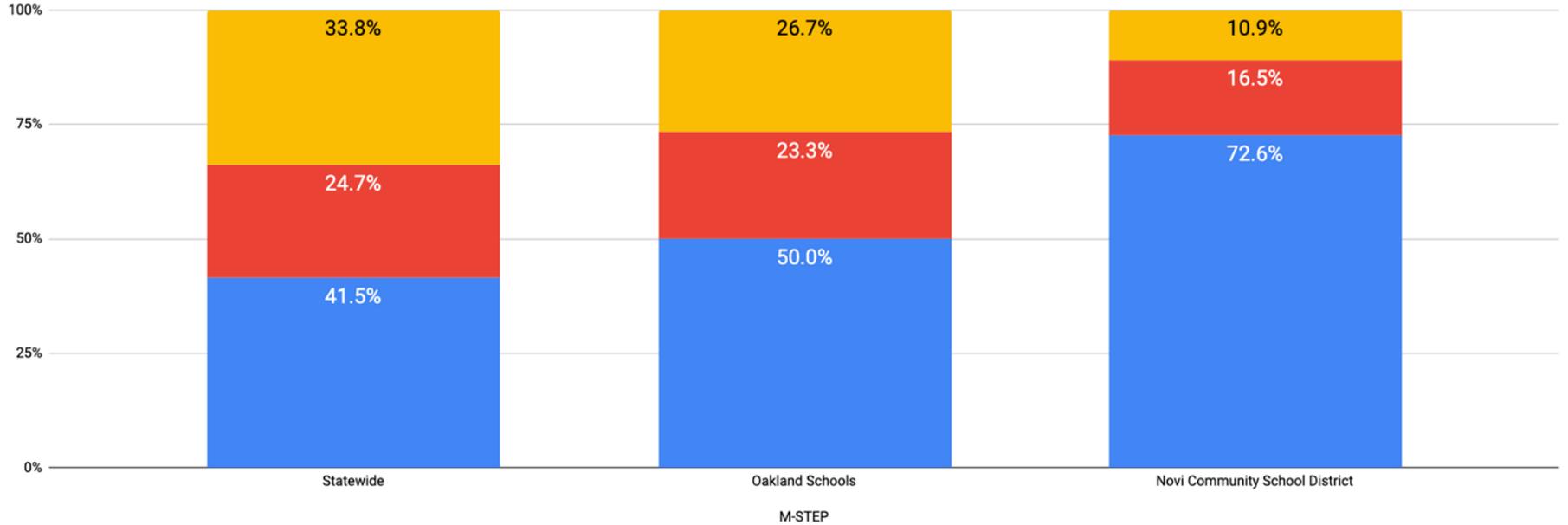
Math Performance by Grade Level

County and State Comparisons
Spring 2022



3rd Grade Math Proficiency Spring 2022

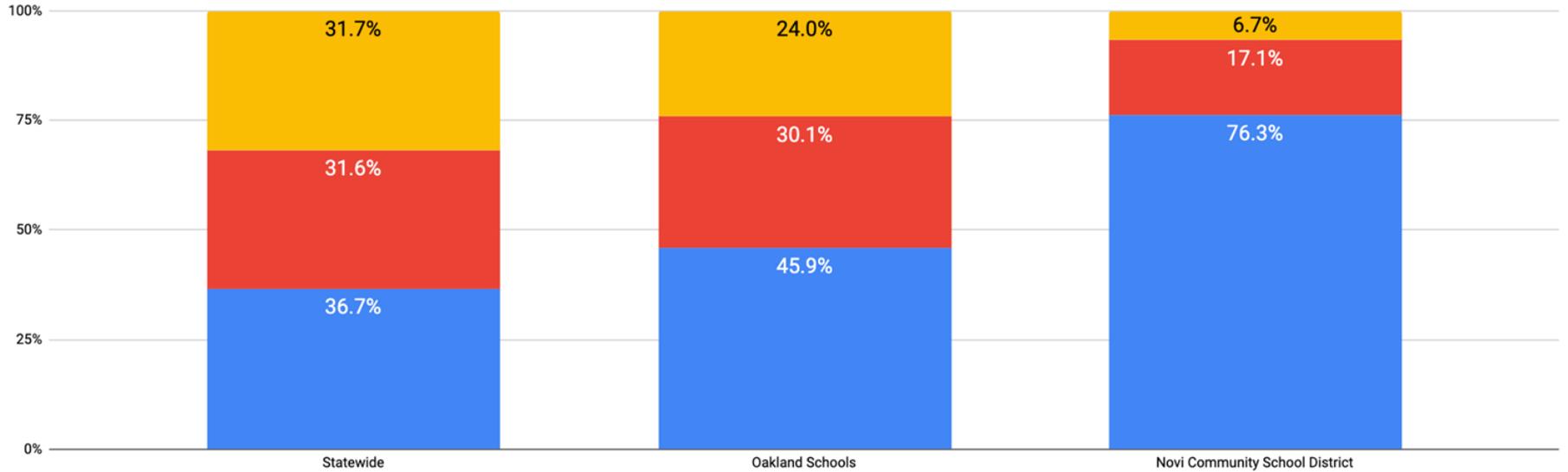
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4th Grade Math Proficiency Spring 2022

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

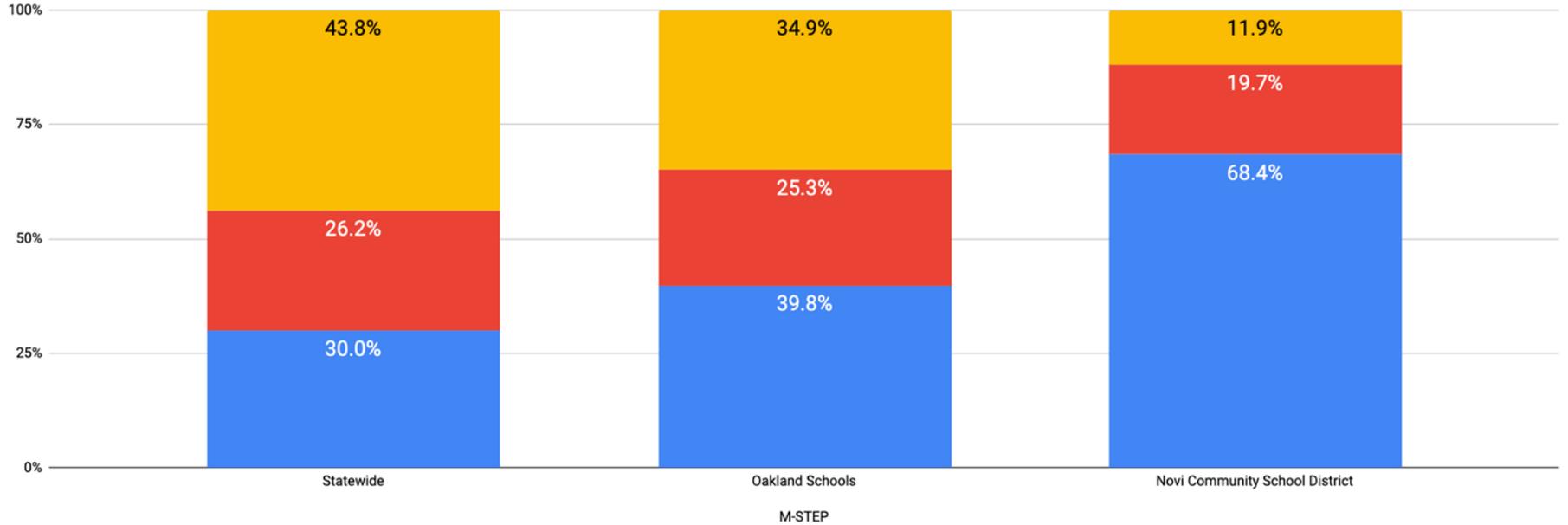


M-STEP



5th Grade Math Proficiency Spring 2022

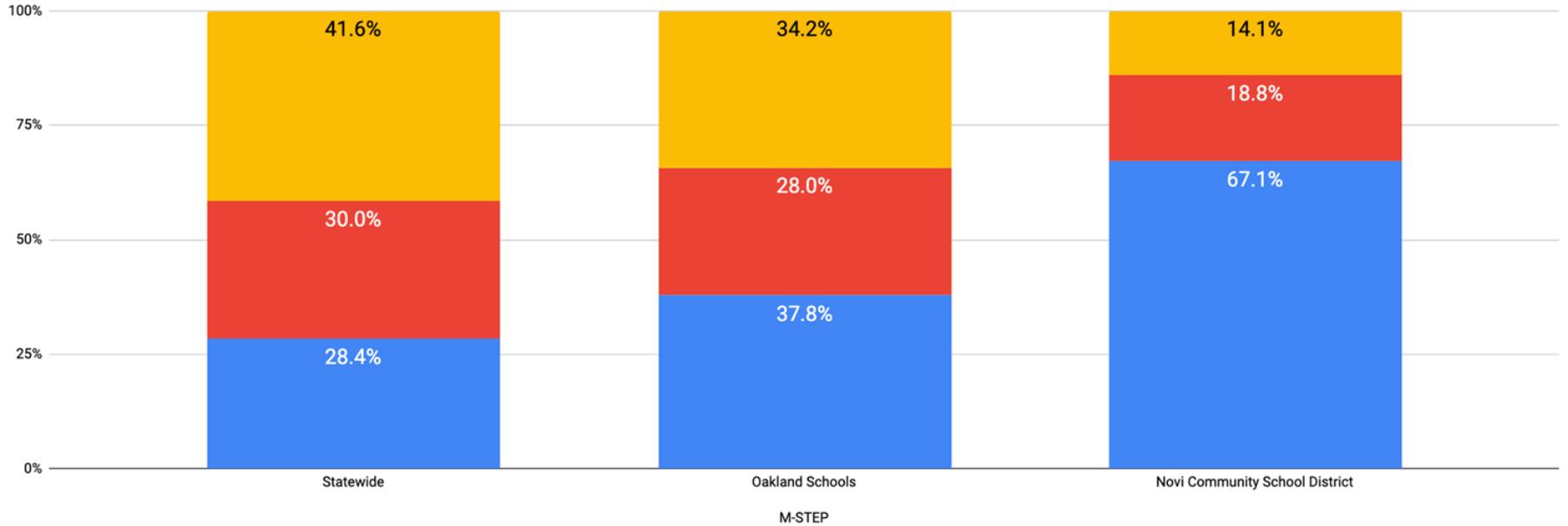
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6th Grade Math Proficiency Spring 2022

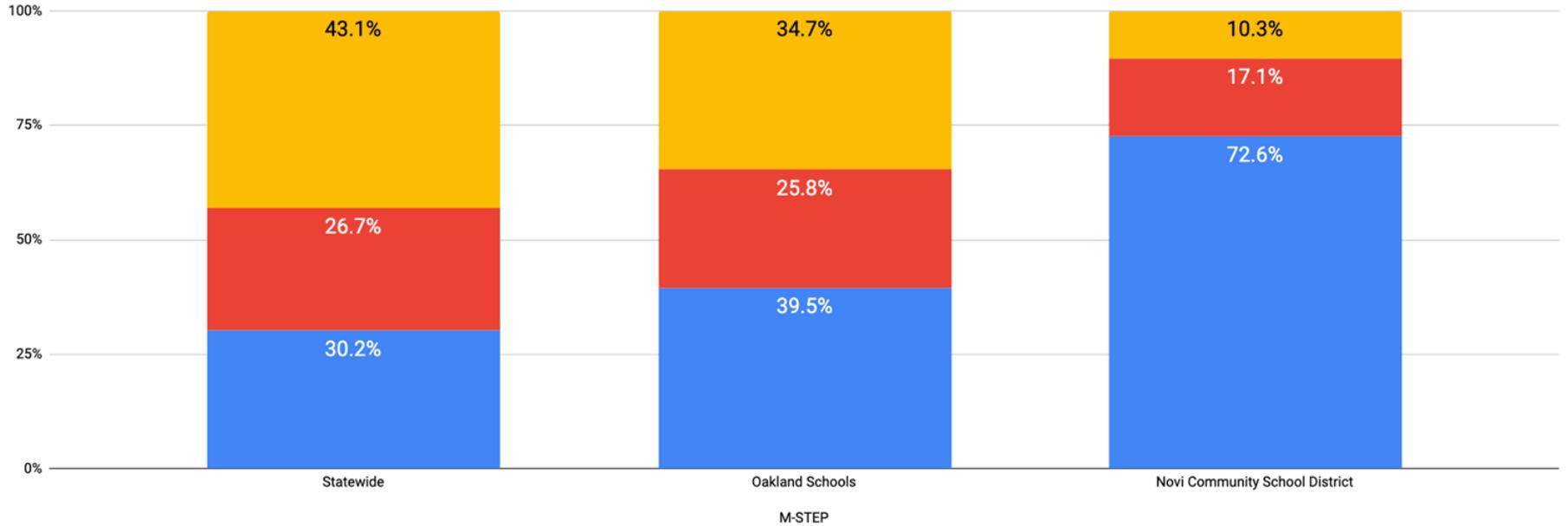
■ Percent Not Proficient ■ Percent Partially Proficient ■ Percent Proficient or Advanced





7th Grade Math Proficiency Spring 2022

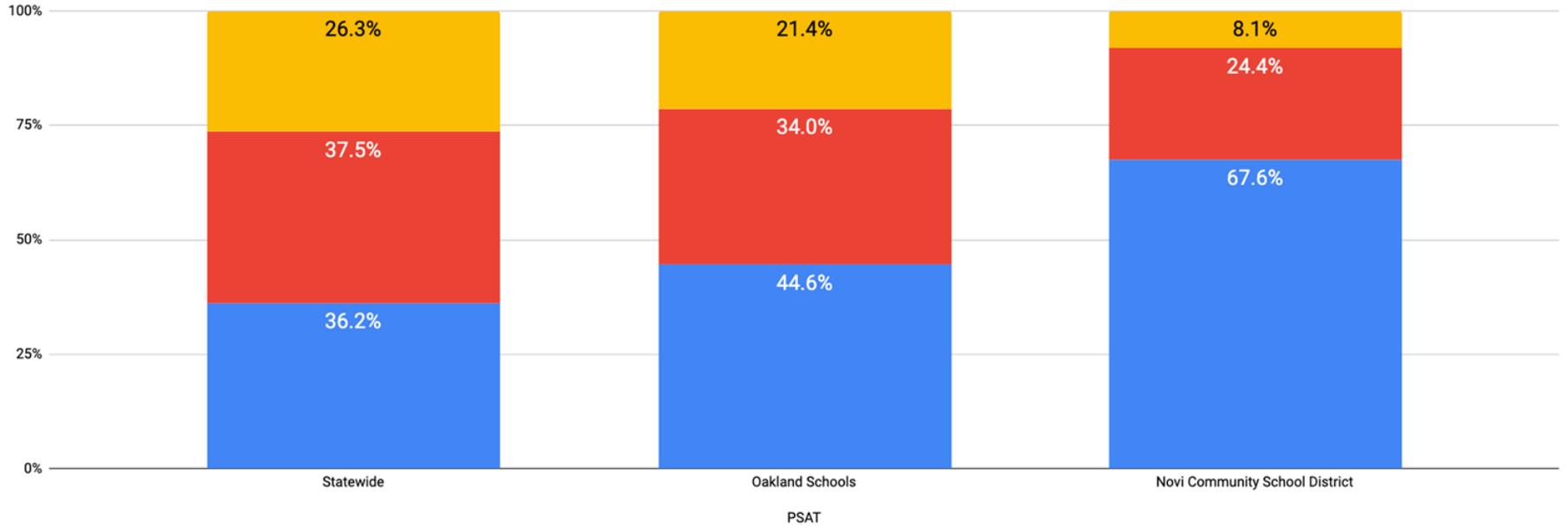
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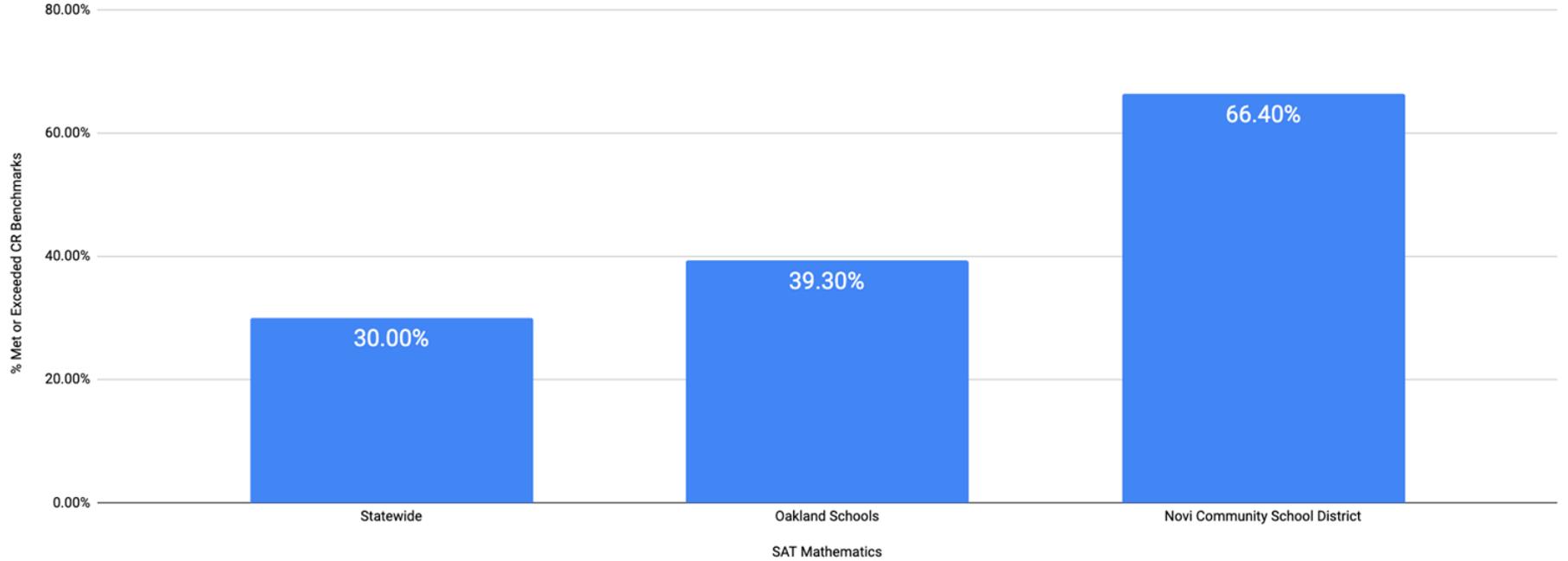
8th Grade Math Proficiency Spring 2022

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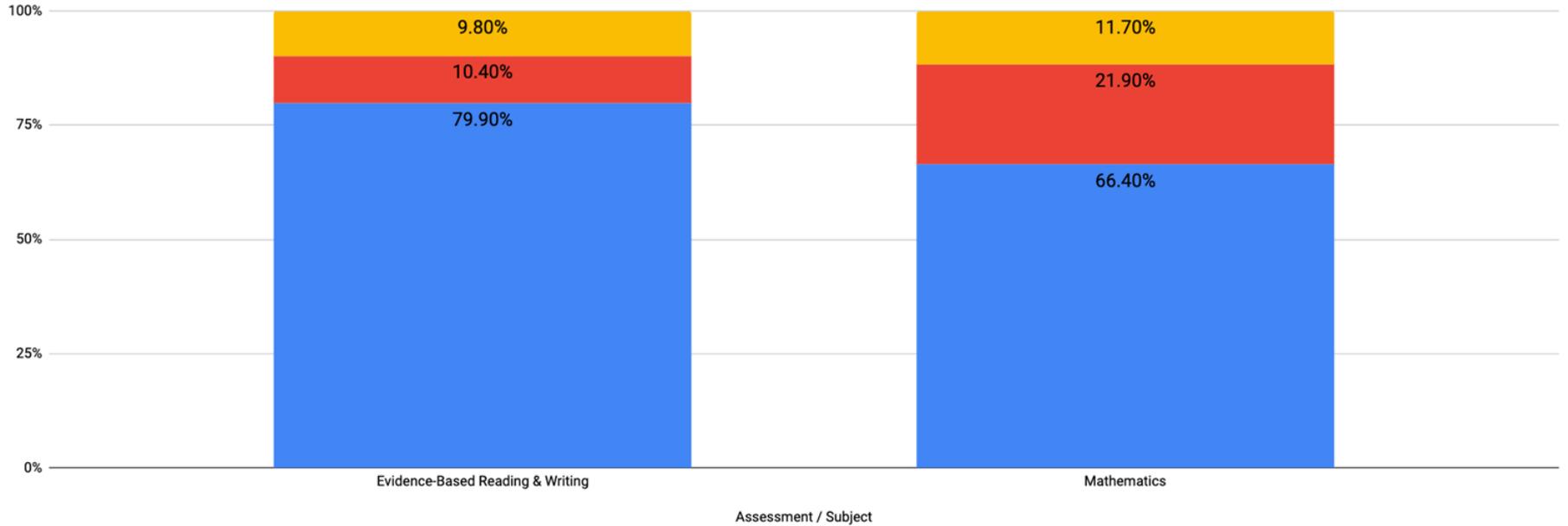
11th Grade Math Proficiency Spring 2022





11th Grade SAT Performance Spring 2022

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





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



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

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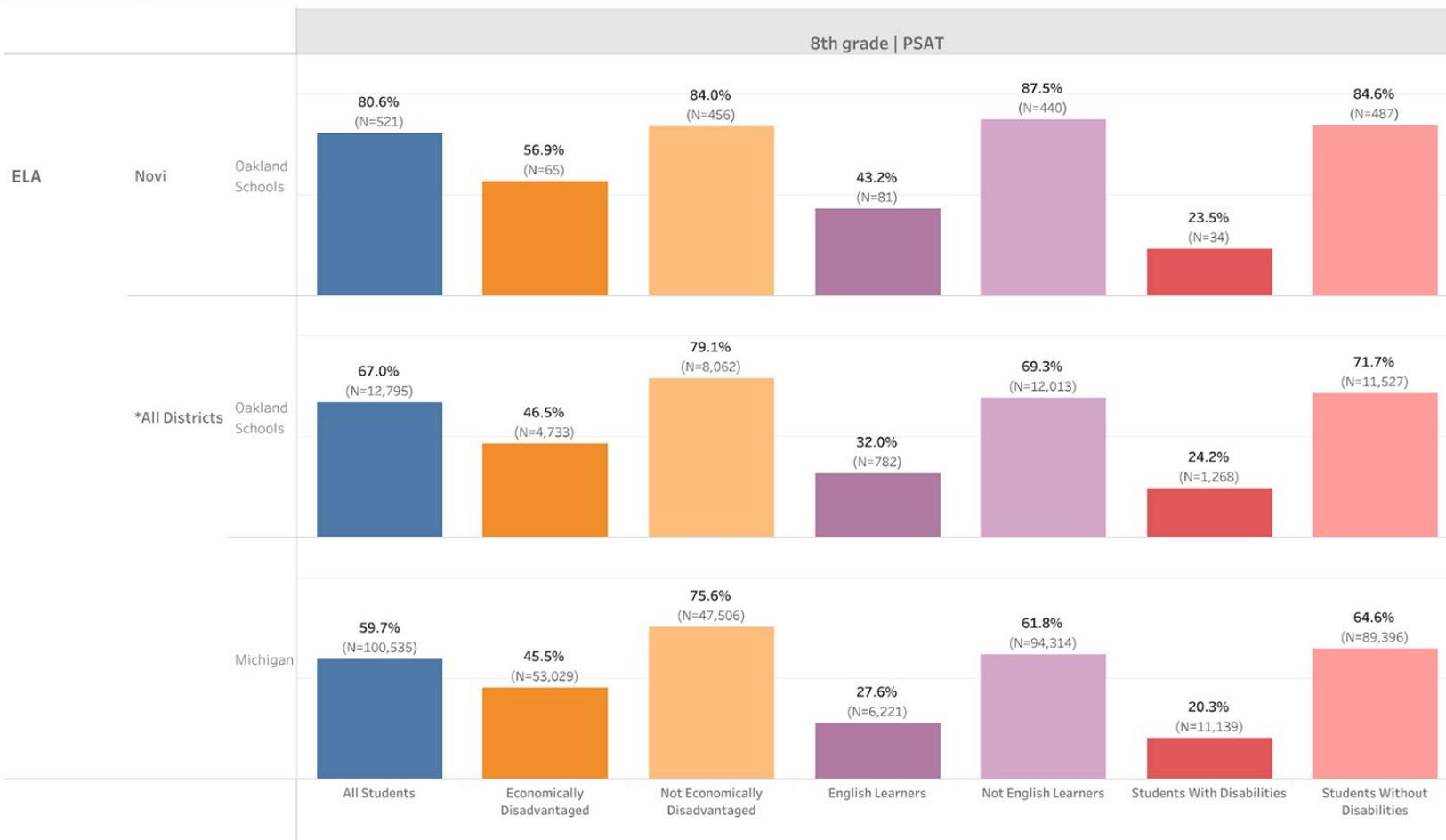
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Opportunities for Improvement: Math

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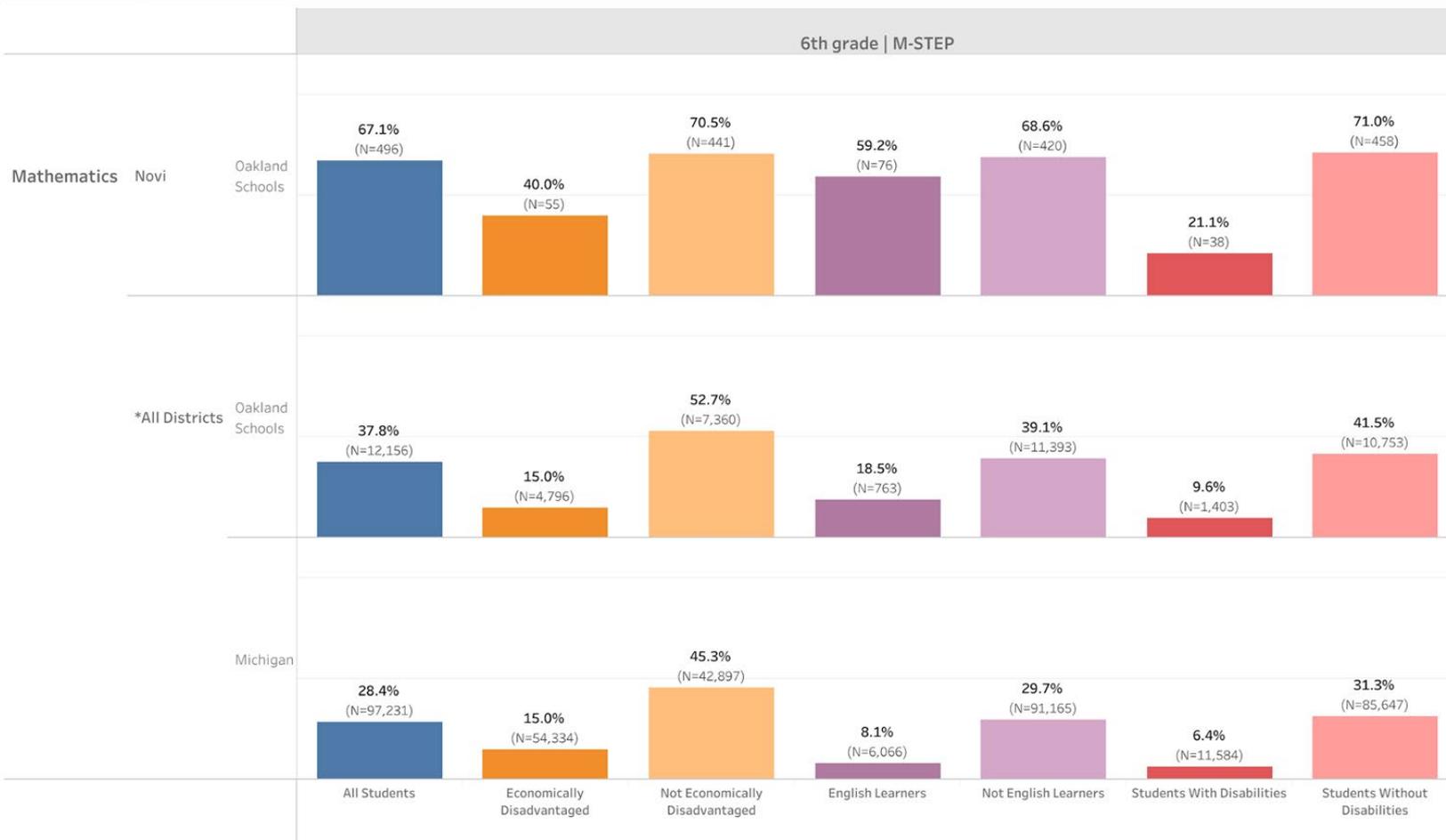
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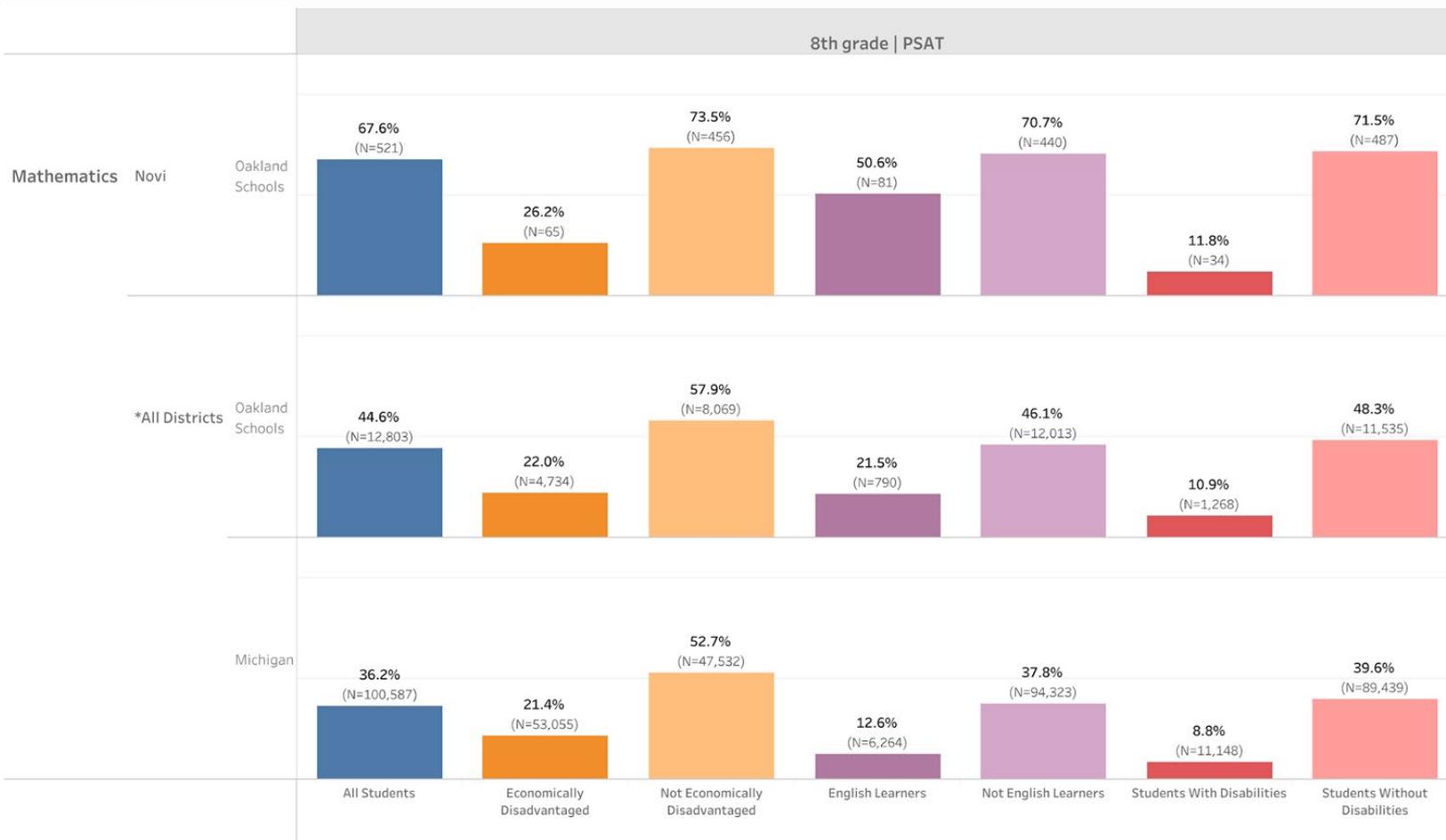
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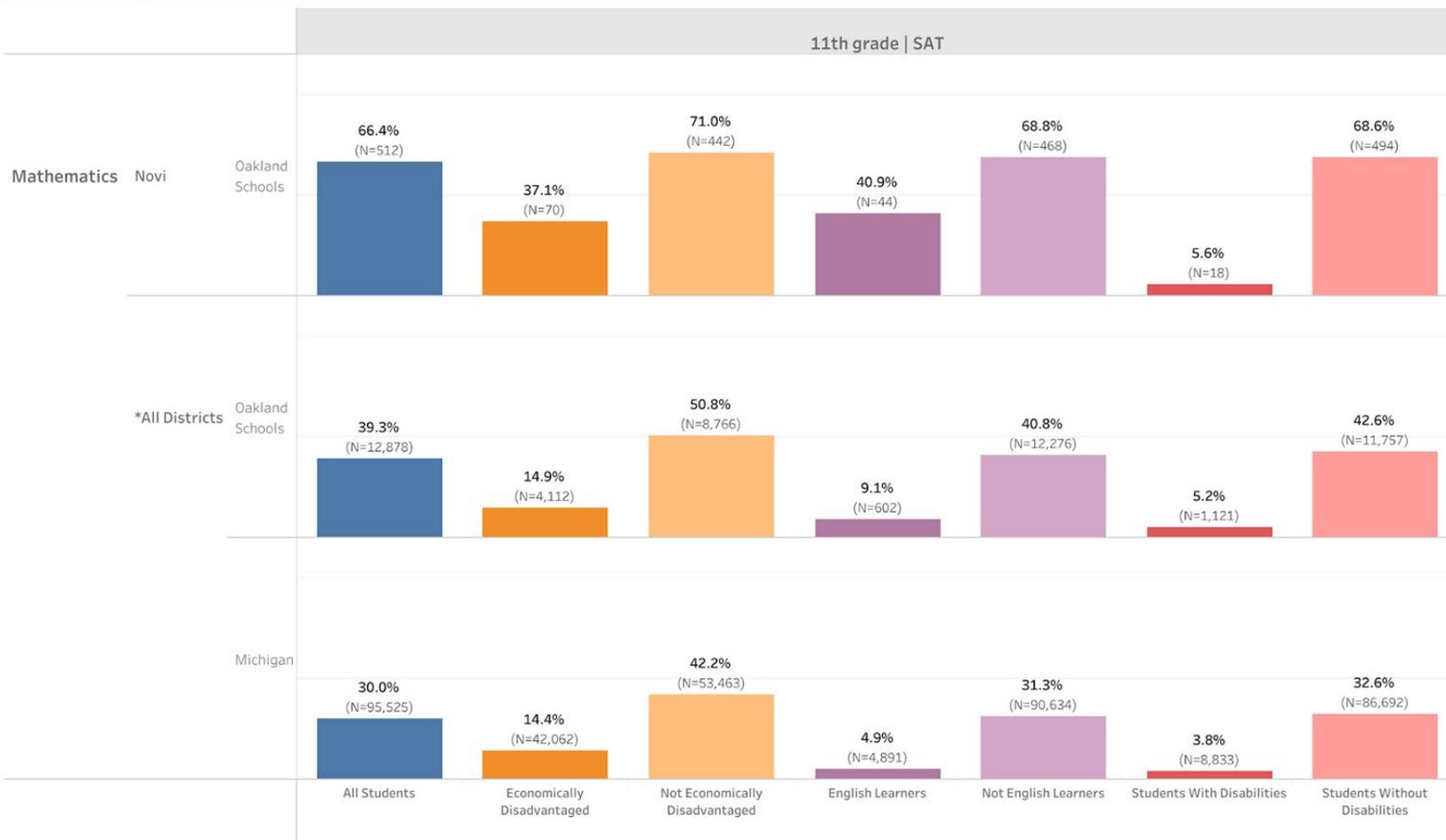
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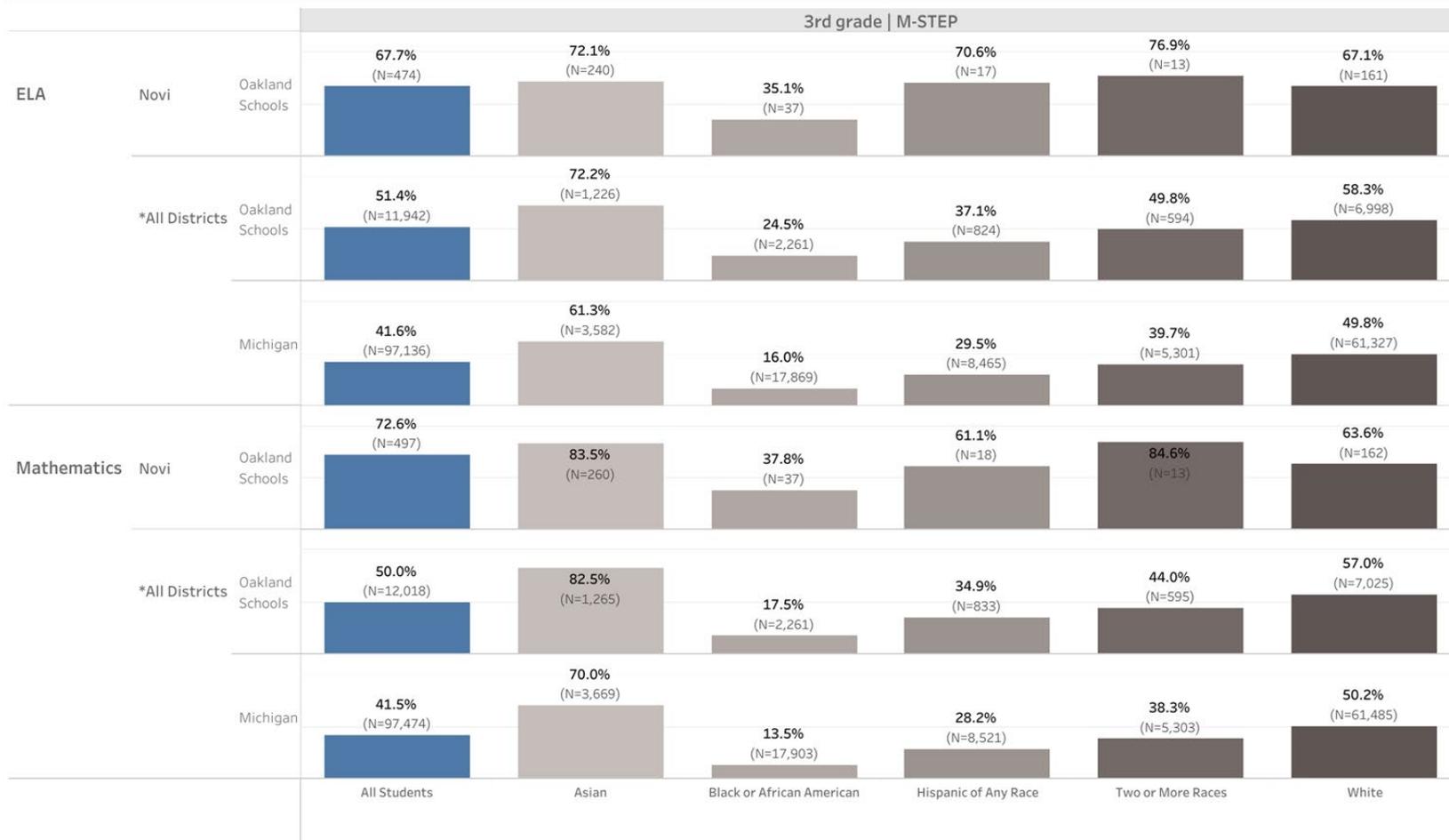


Opportunities for Improvement

Comparisons Across Race/Ethnicity
Spring 2022

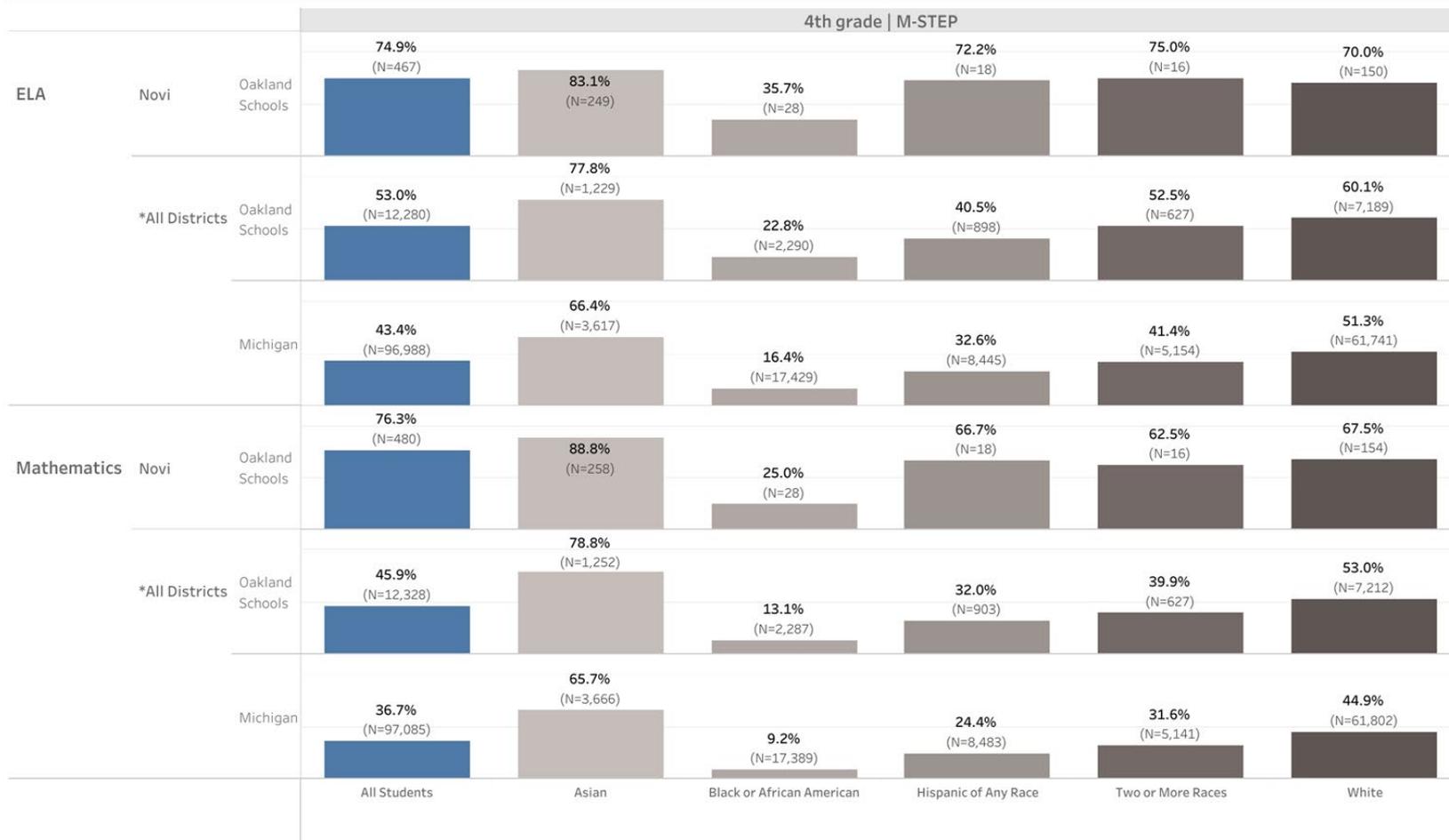
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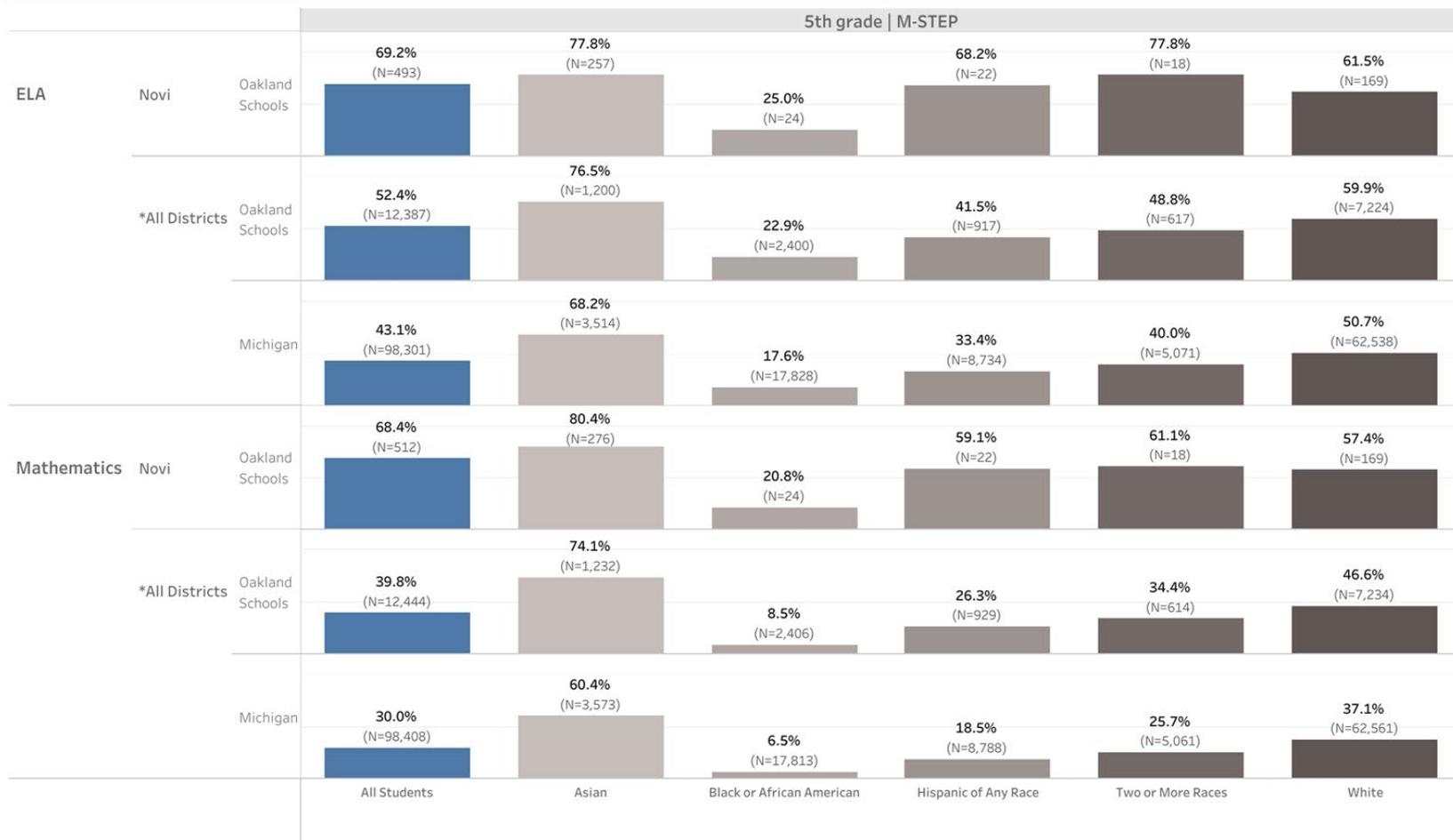
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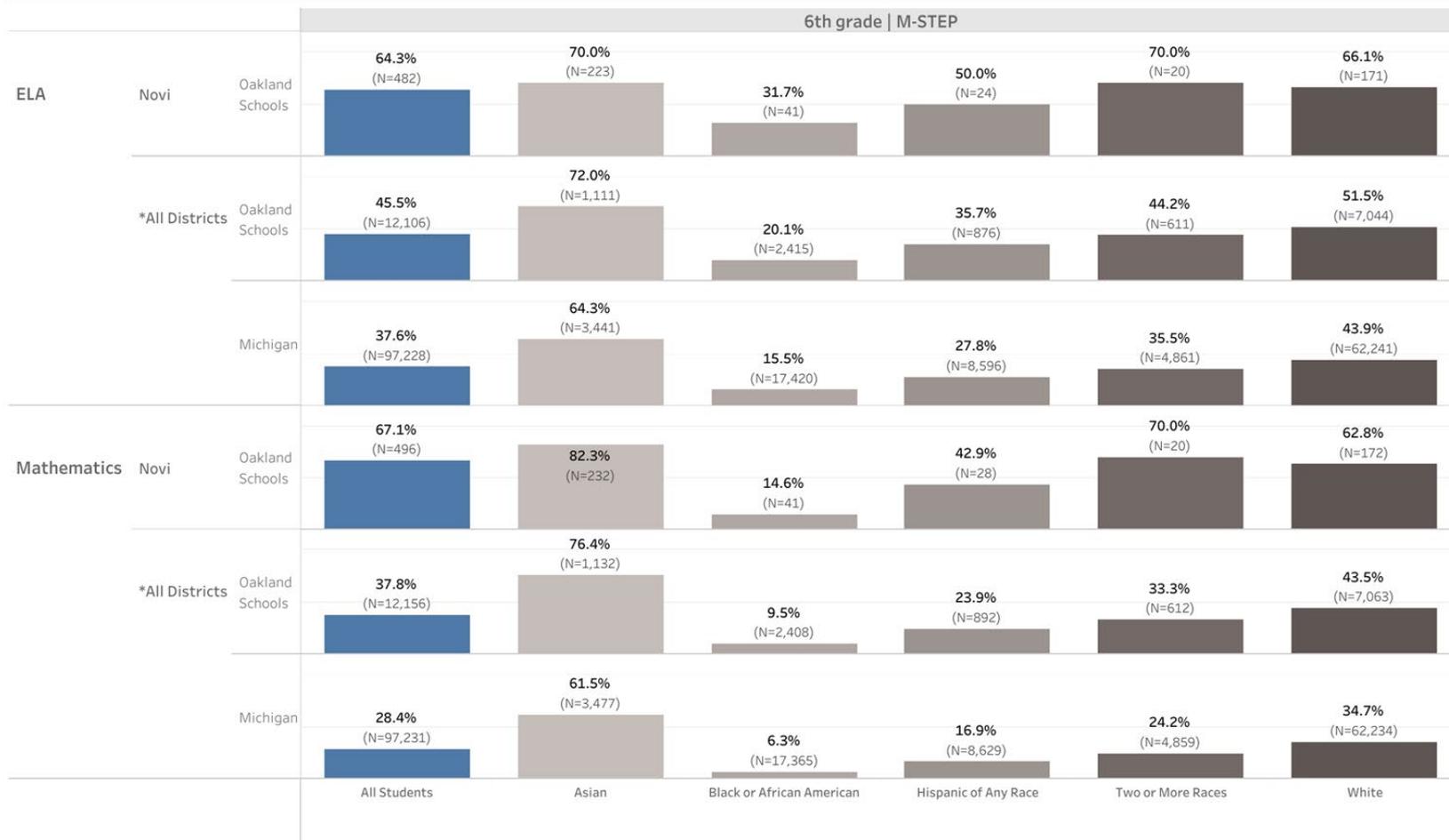
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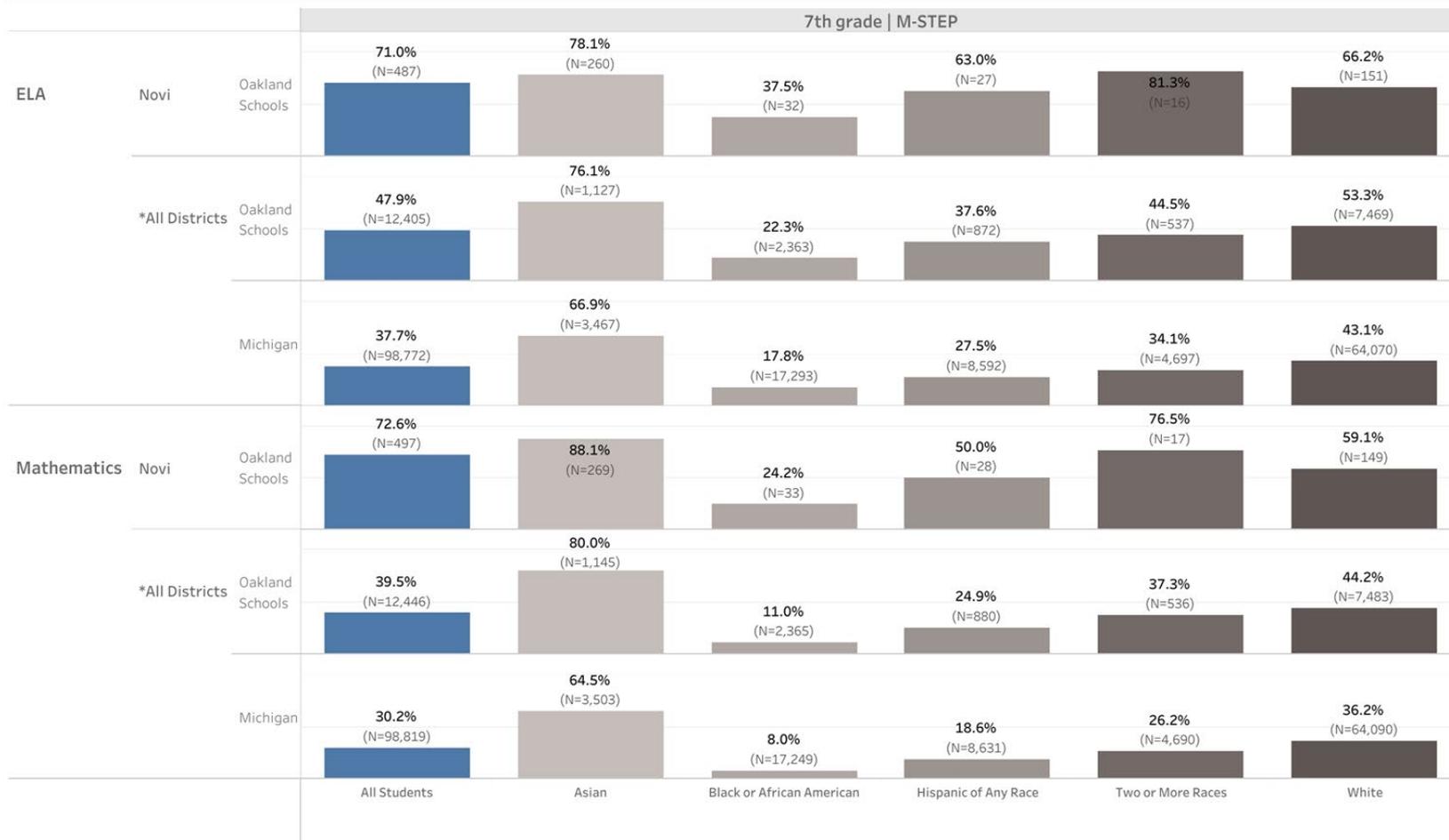
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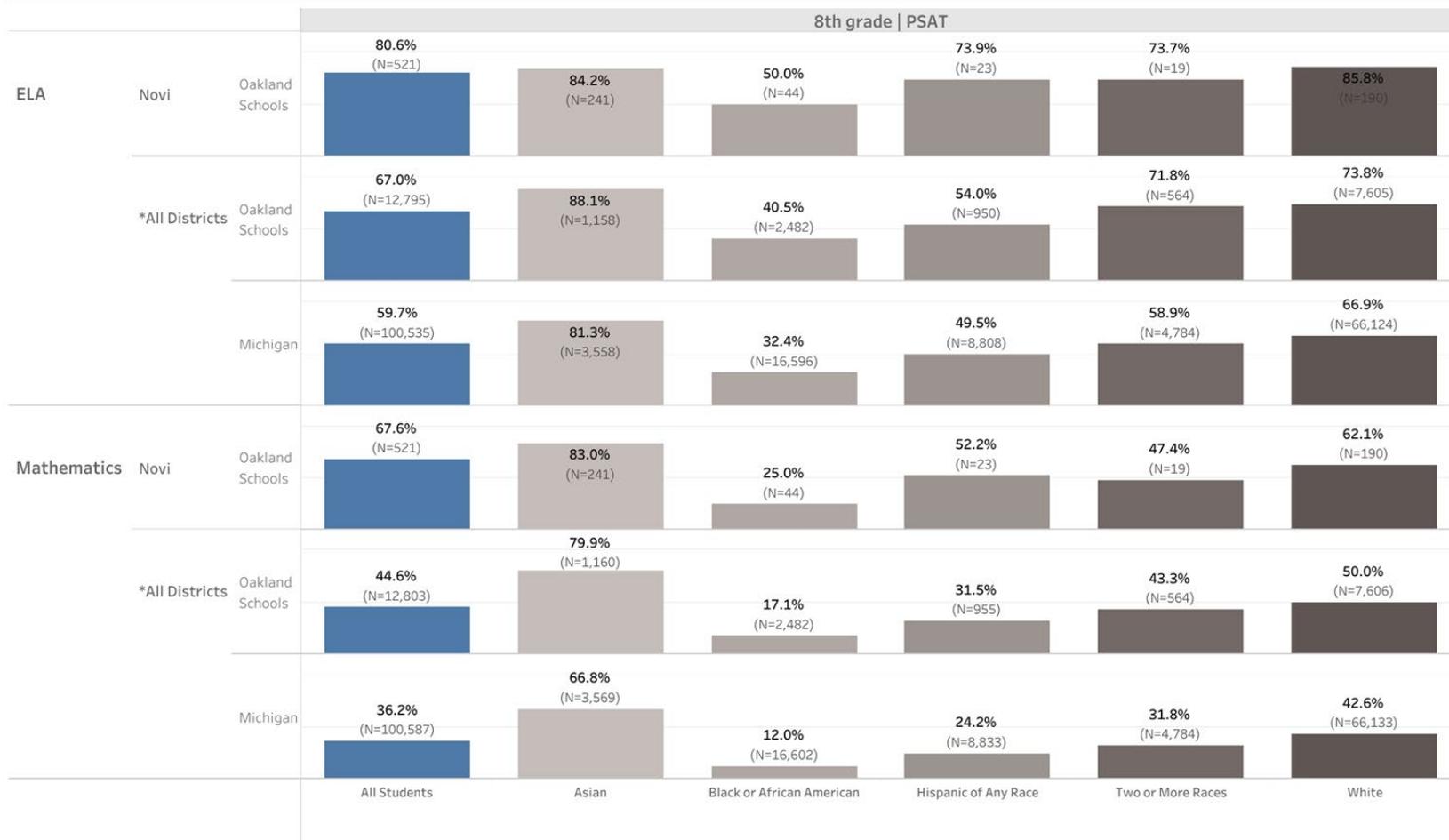
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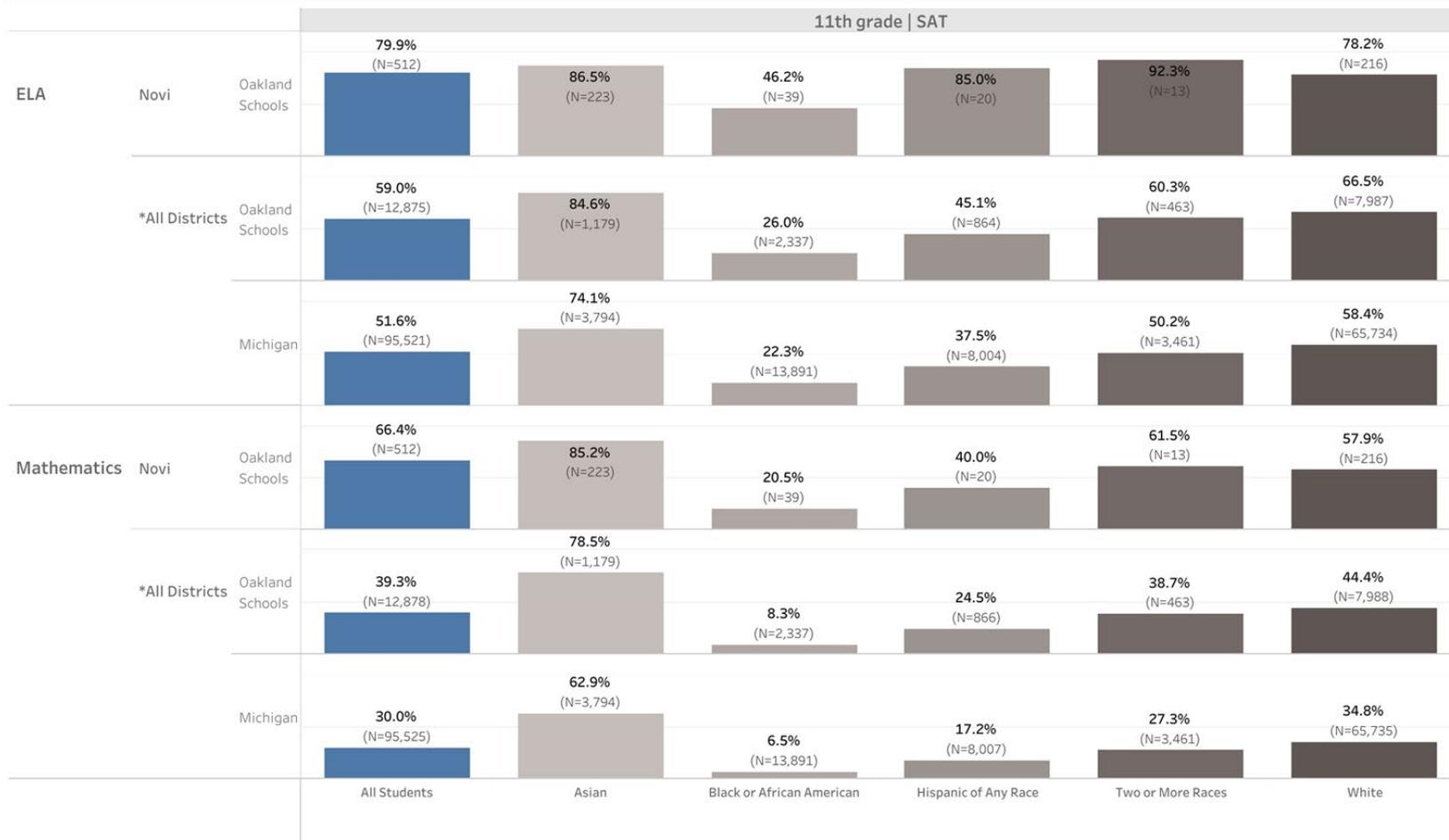
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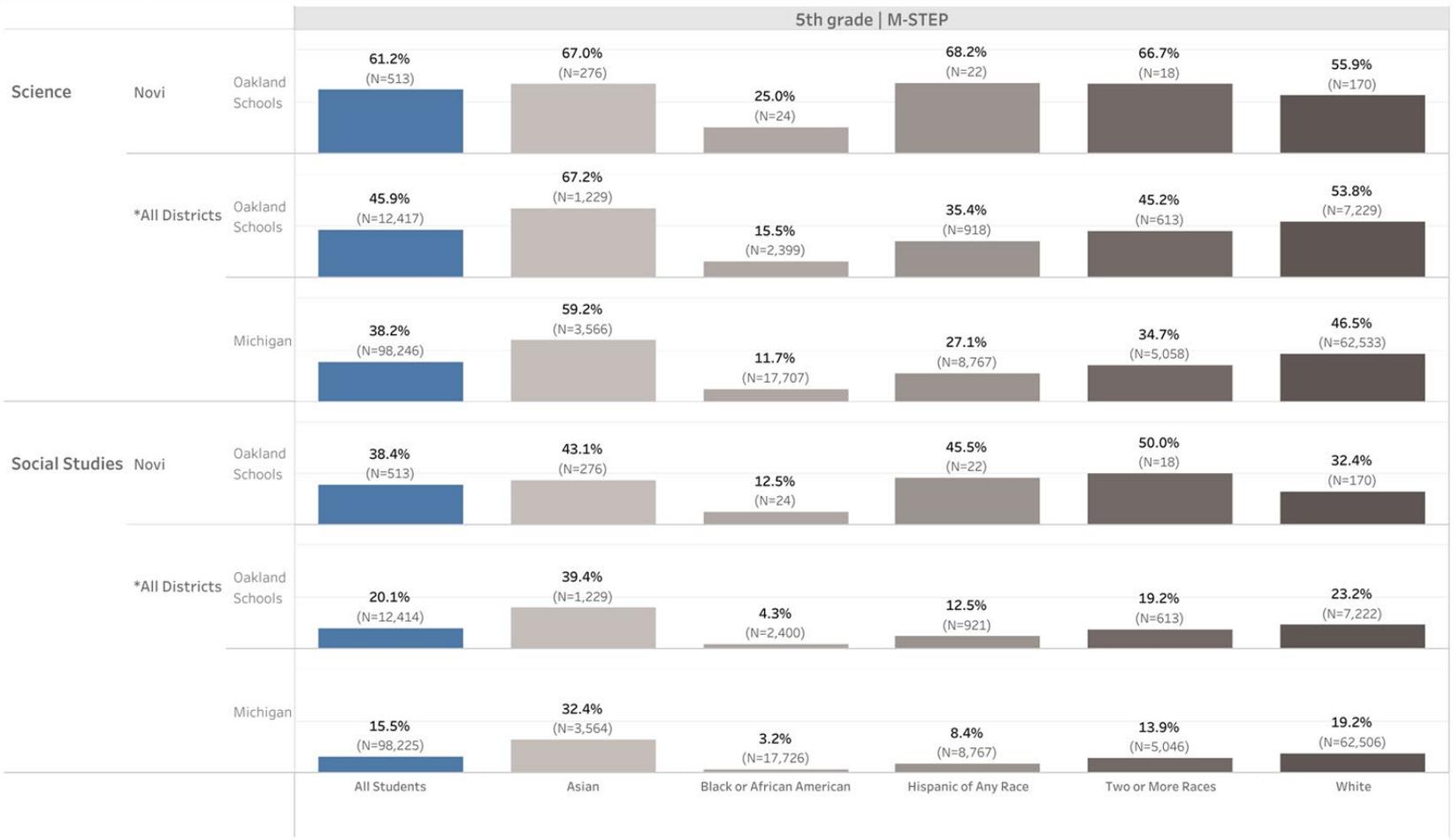
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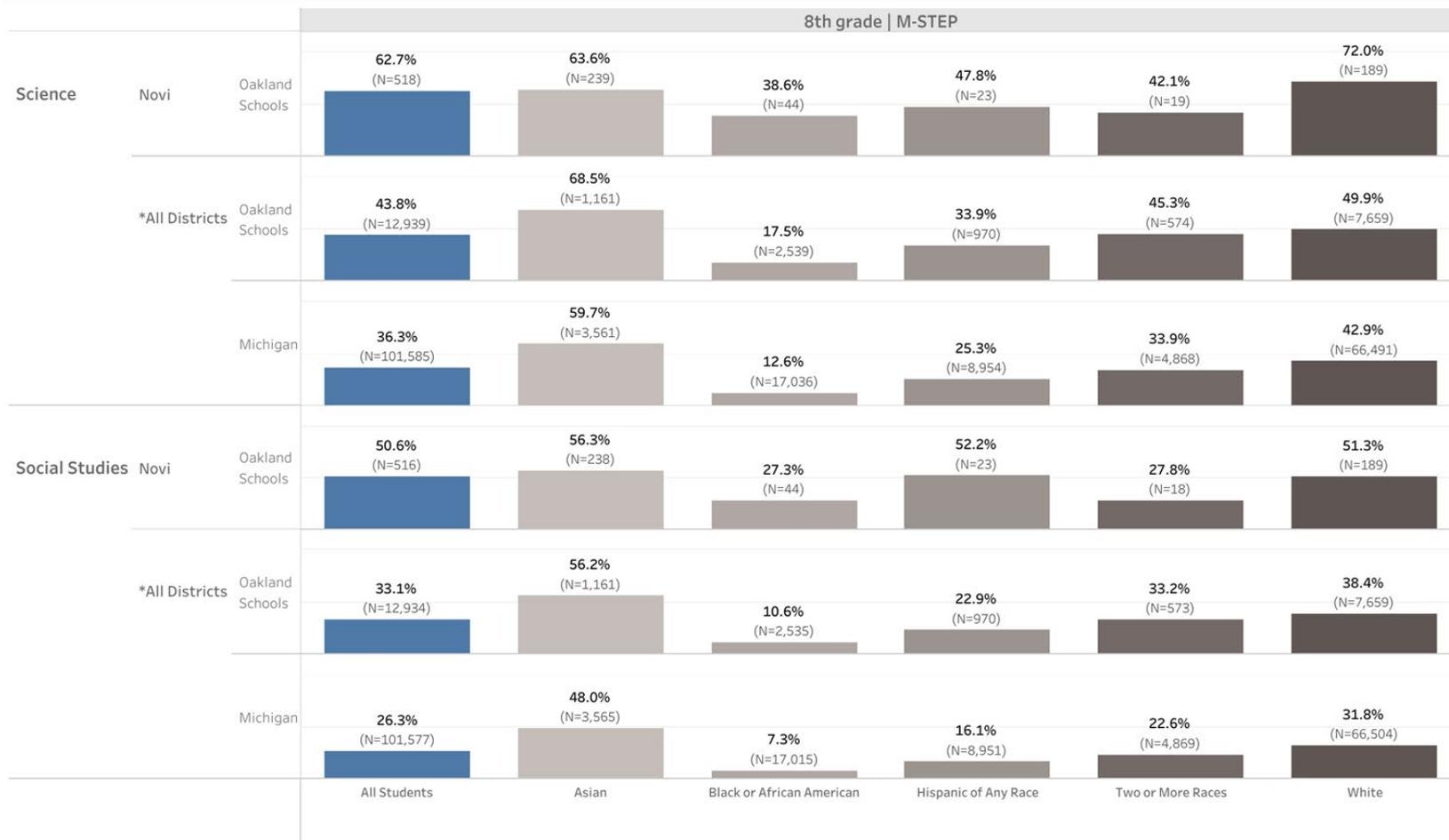
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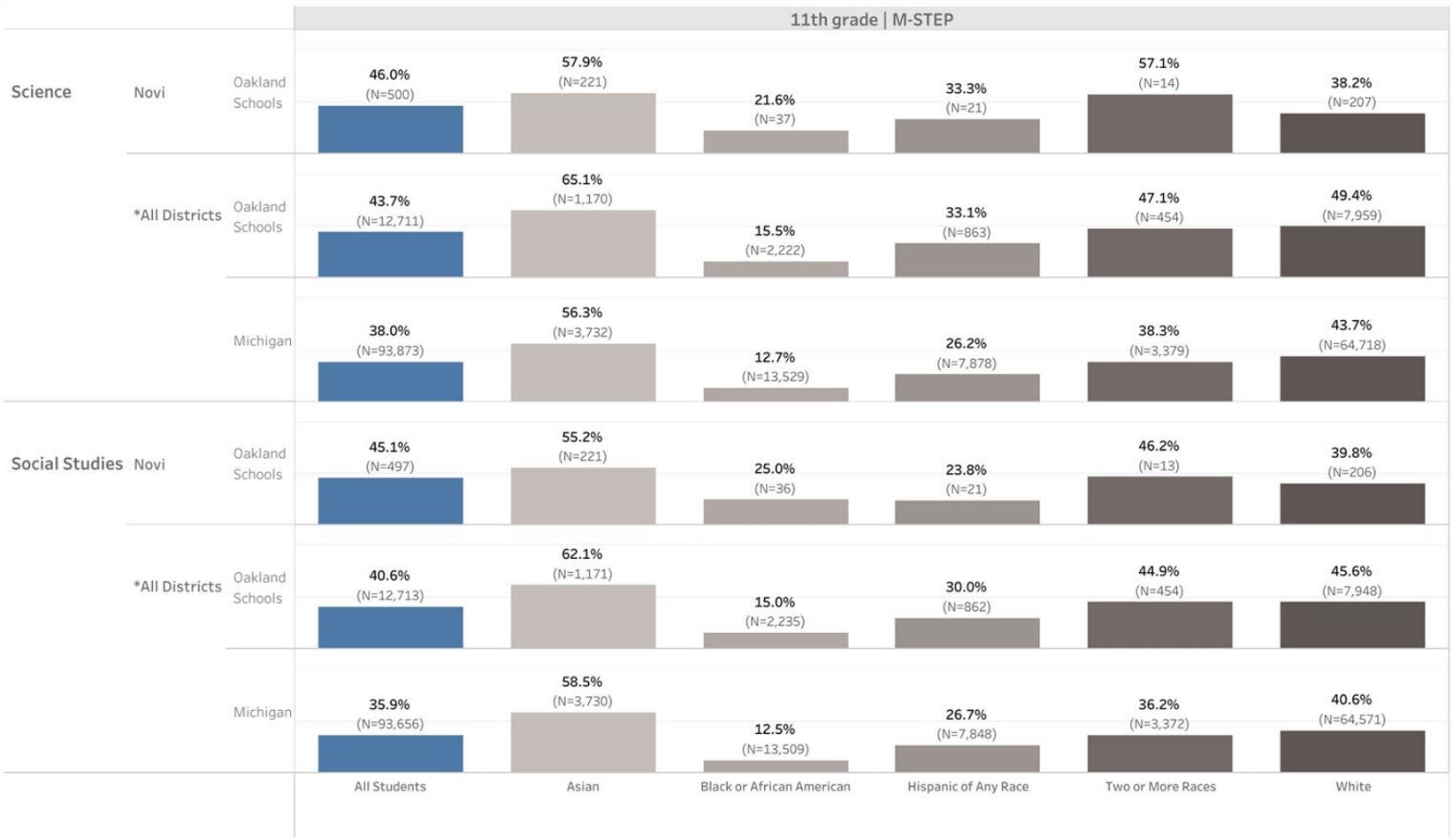
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Relative Strengths & Weaknesses

Spring 2022

3rd Grade: ELA

| Relative Strengths | Relative Weaknesses |
|--|--|
| <p data-bbox="218 317 340 353"><i>Writing</i></p> <p data-bbox="218 363 942 445">Target 4: Write full informational texts with appropriate organization, focus, and format.</p> <p data-bbox="218 497 370 533"><i>Listening</i></p> <p data-bbox="218 543 857 625">Target 4: Interpret and use information delivered orally.</p> | <p data-bbox="983 317 1105 353"><i>Writing</i></p> <p data-bbox="983 363 1678 489">Target 1: Revise brief texts demonstrating narrative techniques appropriate to purpose.</p> <p data-bbox="983 543 1605 669">Target 6: Revise brief texts stating an opinion with appropriate organization, focus, and format.</p> <p data-bbox="983 723 1605 849">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 data-bbox="218 317 620 352"><i>Concepts & Procedures</i></p> <p data-bbox="218 363 813 442">Target F: Develop understanding of fractions as numbers.</p> <p data-bbox="218 500 880 623">Target I: Geometric measurement: use concepts of area, relate to multiplication and addition</p> <p data-bbox="218 681 672 716"><i>Communicating Reasoning</i></p> <p data-bbox="218 727 861 850">Target F: Base arguments on concrete referents such as objects, drawings, diagrams, and actions.</p> | <p data-bbox="983 317 1257 352"><i>Problem Solving</i></p> <p data-bbox="983 363 1688 442">Target B: Select and use appropriate tools strategically.</p> <p data-bbox="983 500 1678 623">Target D: Identify important quantities in a practical situation and map their relationships.</p> <p data-bbox="983 681 1412 716"><i>Modeling & Data Analysis</i></p> <p data-bbox="983 727 1678 805">Target C: State logical assumptions being used.</p> <p data-bbox="983 863 1688 942">Target D: Interpret results in the context of a situation.</p> |

4th Grade: ELA

| Relative Strengths | Relative Weaknesses |
|---|--|
| <p data-bbox="218 317 349 350"><i>Reading</i></p> <p data-bbox="218 358 900 434">Target 5: Examine or compare relationships within or across literary texts.</p> <p data-bbox="218 463 935 579">Target 10: Determine word meaning based on context, relationships, structure, or use of resources.</p> <p data-bbox="218 631 330 663"><i>Writing</i></p> <p data-bbox="218 671 875 788">Target 4: Write full informational texts demonstrating mode specific organization, format, and focus.</p> | <p data-bbox="983 317 1114 350"><i>Reading</i></p> <p data-bbox="983 358 1696 475">Target 7: Interpret fig. language/literary devices/connotative meaning and their impact on meaning or tone.</p> <p data-bbox="983 503 1678 620">Target 8: Use details from the text to support an inference or conclusion about an informational text.</p> <p data-bbox="983 671 1095 704"><i>Writing</i></p> <p data-bbox="983 711 1696 828">Target 6: Revise brief texts stating opinion demonstrating mode specific org., format, and focus.</p> <p data-bbox="983 857 1707 974">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 data-bbox="218 317 620 352"><i>Concepts & Procedures</i></p> <p data-bbox="218 363 933 445">Target G: Build fractions from unit fractions by applying operations on whole numbers.</p> <p data-bbox="218 481 919 563">Target H: Understand decimal notation for fractions, and compare decimal fractions</p> <p data-bbox="218 615 938 740">Target K: Geometric measurement: understand concepts of angle and measure angles.</p> | <p data-bbox="983 317 1385 352"><i>Concepts & Procedures</i></p> <p data-bbox="983 363 1669 445">Target B: Gain familiarity with factors and multiples.</p> <p data-bbox="983 481 1675 516">Target C: Generate and analyze patterns.</p> <p data-bbox="983 568 1257 603"><i>Problem Solving</i></p> <p data-bbox="983 615 1663 740">Target A: Apply mathematics to solve problems arising in everyday life, society, and workplace.</p> <p data-bbox="983 792 1412 827"><i>Modeling & Data Analysis</i></p> <p data-bbox="983 839 1676 921">Target C: State logical assumptions being used.</p> |

5th Grade: ELA

| Relative Strengths | Relative Weaknesses |
|--|---|
| <p data-bbox="218 317 363 353"><i>Reading</i></p> <p data-bbox="218 363 933 487">Target 10: Determine word meaning based on context, relationships, structure, or use of resources.</p> <p data-bbox="218 525 890 648">Target 12: Analyze or compare how information is presented within or across informational texts.</p> <p data-bbox="218 707 340 743"><i>Writing</i></p> <p data-bbox="218 753 900 876">Target 4: Write full explanatory texts demonstrating mode specific techniques: organization, format, focus.</p> | <p data-bbox="983 317 1128 353"><i>Reading</i></p> <p data-bbox="983 363 1657 487">Target 6: Analyze literary text structures, features, or formats and their impact on meaning or presentation.</p> <p data-bbox="983 543 1105 579"><i>Writing</i></p> <p data-bbox="983 589 1682 713">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 data-bbox="216 317 884 489"><i>Reading</i> Target 12: Analyze how information is presented within or across informational texts.</p> <p data-bbox="216 546 923 717"><i>Research</i> Target 3: Assess the credibility and accuracy of each source in order to gather and select information.</p> | <p data-bbox="981 317 1649 489"><i>Reading</i> Target 2: Summarize central ideas/key events of a literary text using key details from the text.</p> <p data-bbox="981 525 1619 609">Target 4: Make an inference/provide a conclusion of a literary text.</p> <p data-bbox="981 645 1657 767">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 data-bbox="218 317 363 353"><i>Reading</i></p> <p data-bbox="218 363 942 489">Target 9: Summarize central ideas, key events, procedures, or topics and subtopics in an informational text.</p> <p data-bbox="218 525 873 604">Target 11: Make an inference/provide a conclusion of an informational text.</p> <p data-bbox="218 641 882 766">Target 12: Analyze how information is presented within or across informational texts.</p> <p data-bbox="218 823 382 859"><i>Research</i></p> <p data-bbox="218 869 788 951">Target 4: Cite evidence to support analyses, arguments, or critiques.</p> | <p data-bbox="983 317 1128 353"><i>Reading</i></p> <p data-bbox="983 363 1619 445">Target 4: Make an inference/provide a conclusion of a literary text.</p> <p data-bbox="983 500 1105 536"><i>Writing</i></p> <p data-bbox="983 546 1671 671">Target 1: Apply narrative techniques, text structures, transitional strategies when writing/revising text.</p> <p data-bbox="983 707 1690 833">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> |