



BALTIMORE CITY

PUBLIC SCHOOLS

**Building Data Visualizations
in Support of Closing Literacy Gaps**
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City Schools At-A-Glance SY22-23



164 Schools and Programs



77,807 Students

- 74% African American
- 16% Hispanic/Latino
- 7% White
- 11% English Learner



- 37,988 students in grades pre-k–5
- 17,278 students in grades 6–8
- 22,420 students in grades 9–12



60% Low Income*

*Based on direct certification which includes students who are homeless, in foster care, or participating in programs for low-income families such as Temporary Assistance for Needy Families (TANF) and Supplemental Nutrition Assistance (SNAP), but excludes Medicaid. City Schools provides free breakfast and lunch to all students and does not collect applications for free and reduced-priced meals, with the result that low-income status is under-reported.

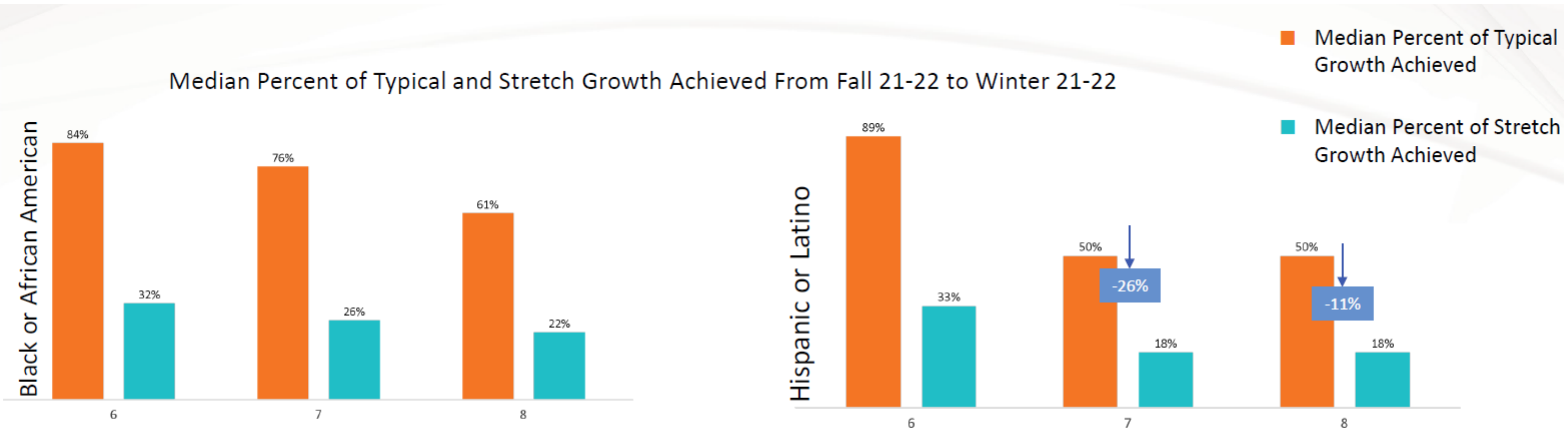
Overview

- **Historical and New Literacy Data Visual Applications:**
 - Equity Opportunities
 - Over Time
 - Key Performance Indicator (KPI) sub scores
- **Next Steps**



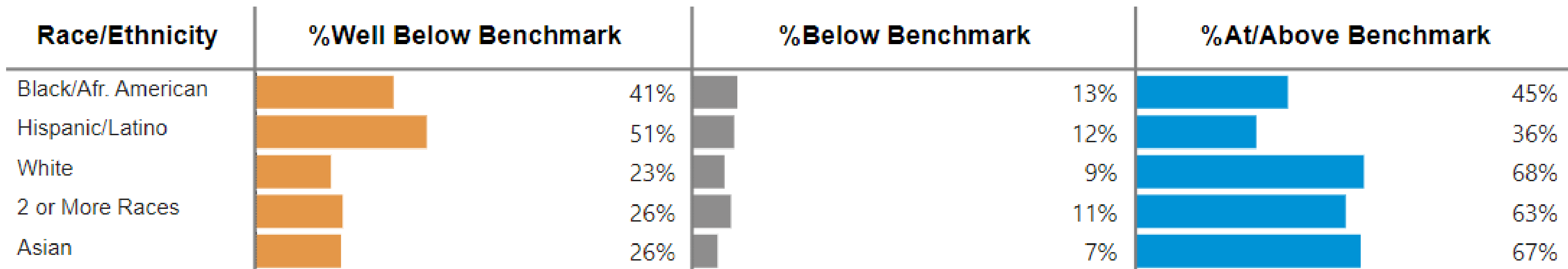
Literacy Visuals for Student Group Equity Opportunities: Historical

Previous data visuals by race/ethnicity without side-by-side views or across multiple student groups made it difficult to see context and opportunity gaps.



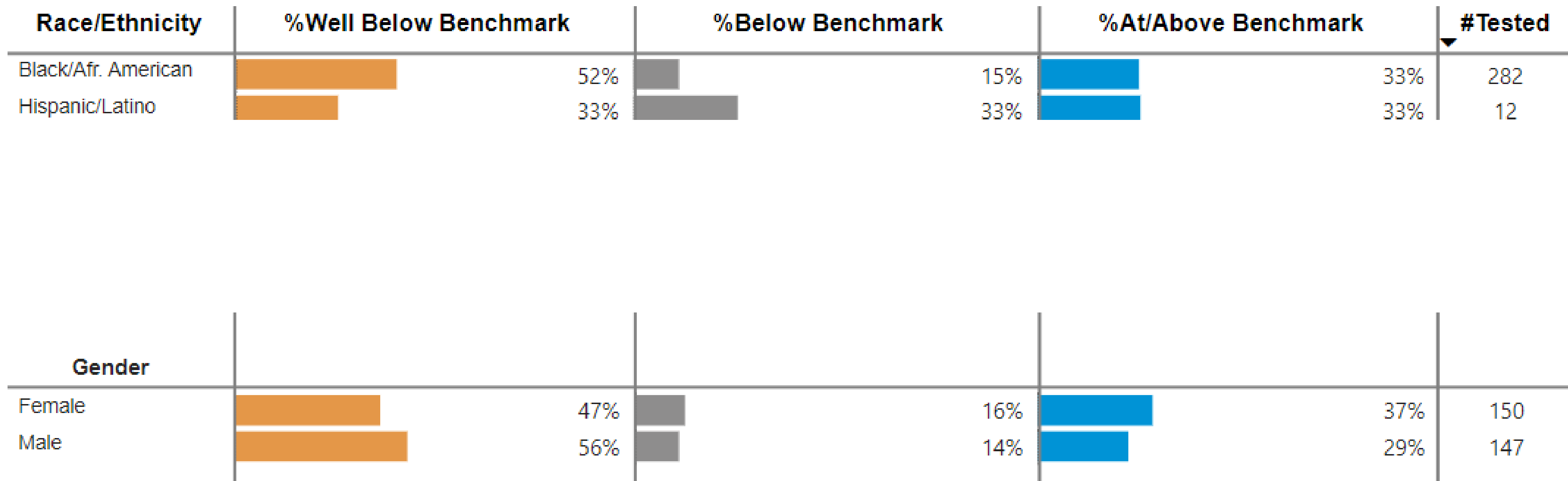
Literacy Visuals for Student Group Equity Opportunities: New

New side-by-side End of Year Literacy visual by race/ethnicity better highlights opportunity gaps.



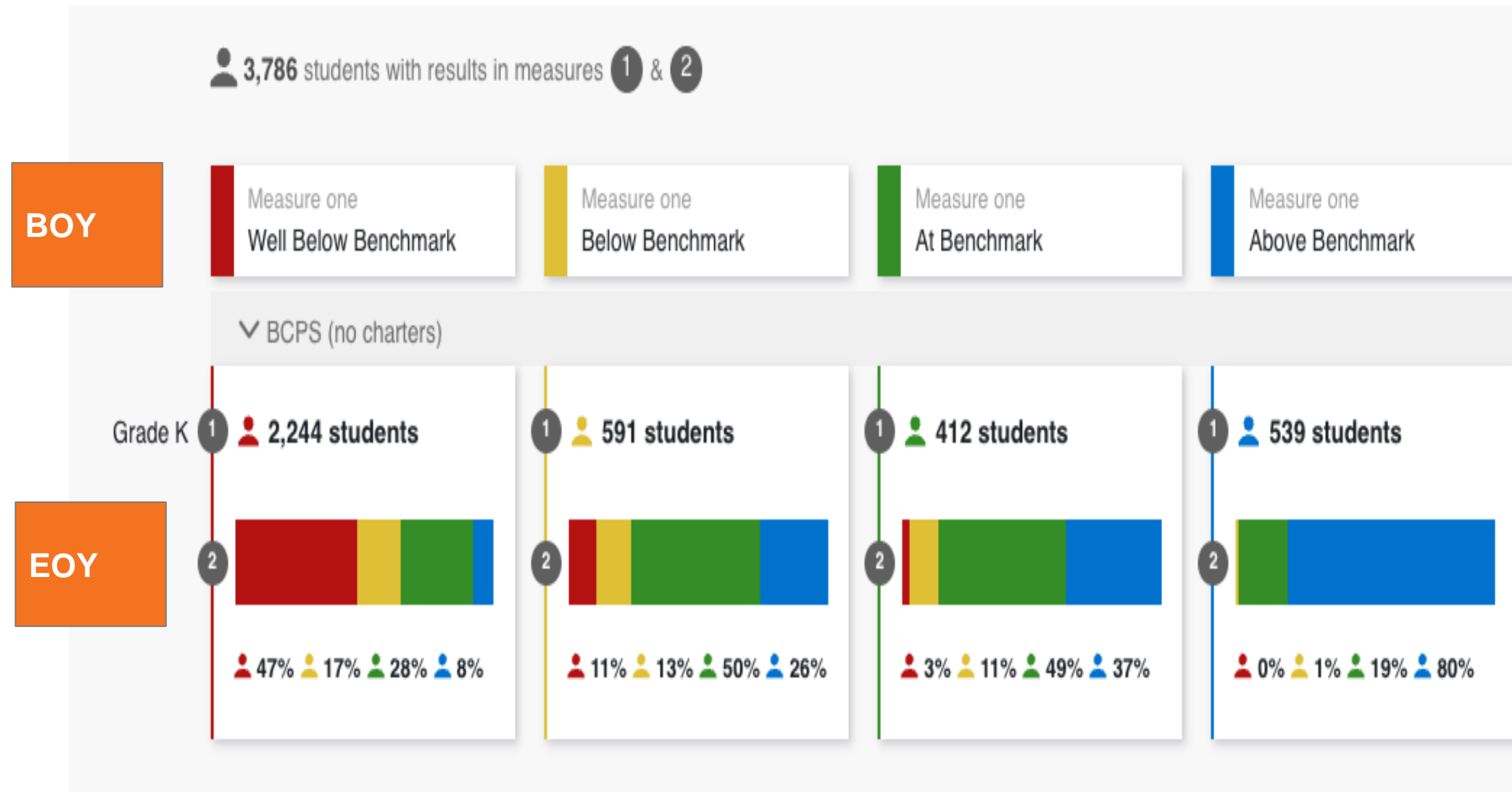
Literacy Visuals for Student Group Equity Opportunities: New

The new visuals more clearly highlight gender opportunities at the school level.



Literacy Student Movement: Historical

Previous data visuals on movement could be overwhelming at the District or School Level.



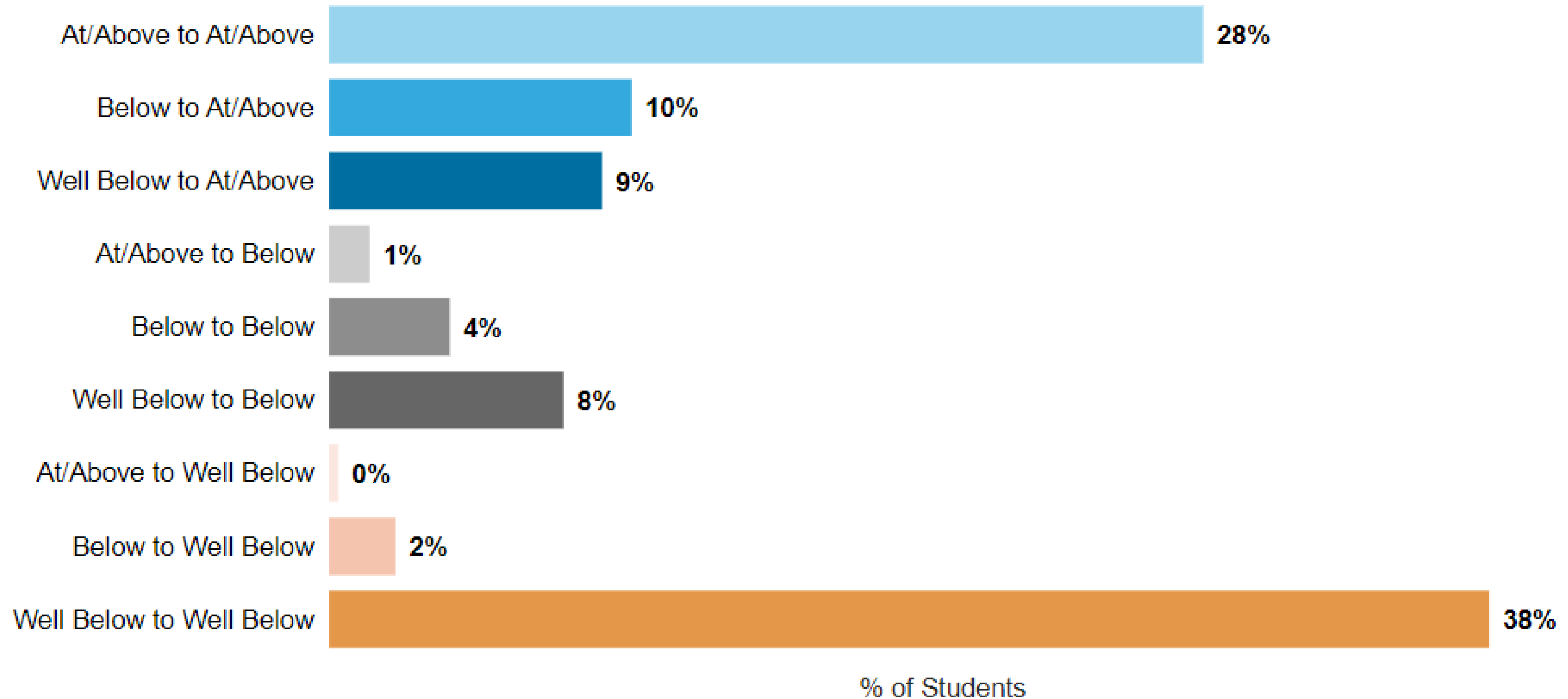
53% out of WBB (2022)
26% out of WBB (2021)

76% out of BB (2022)
45% out of BB (2021)

Literacy Student Movement: New

New visuals highlight large portion of our students who have not moved levels.

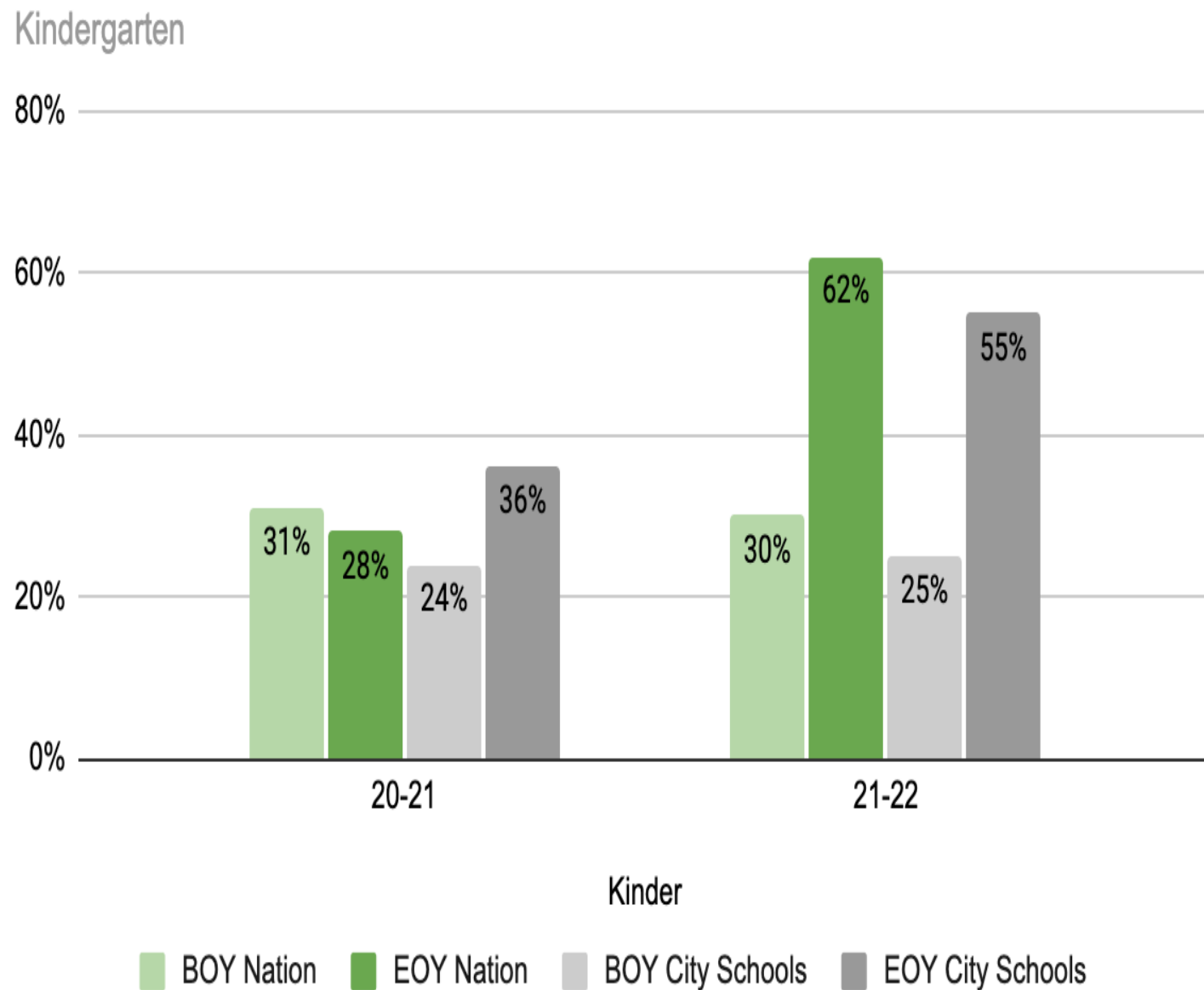
Beginning of Year to End of Year Level



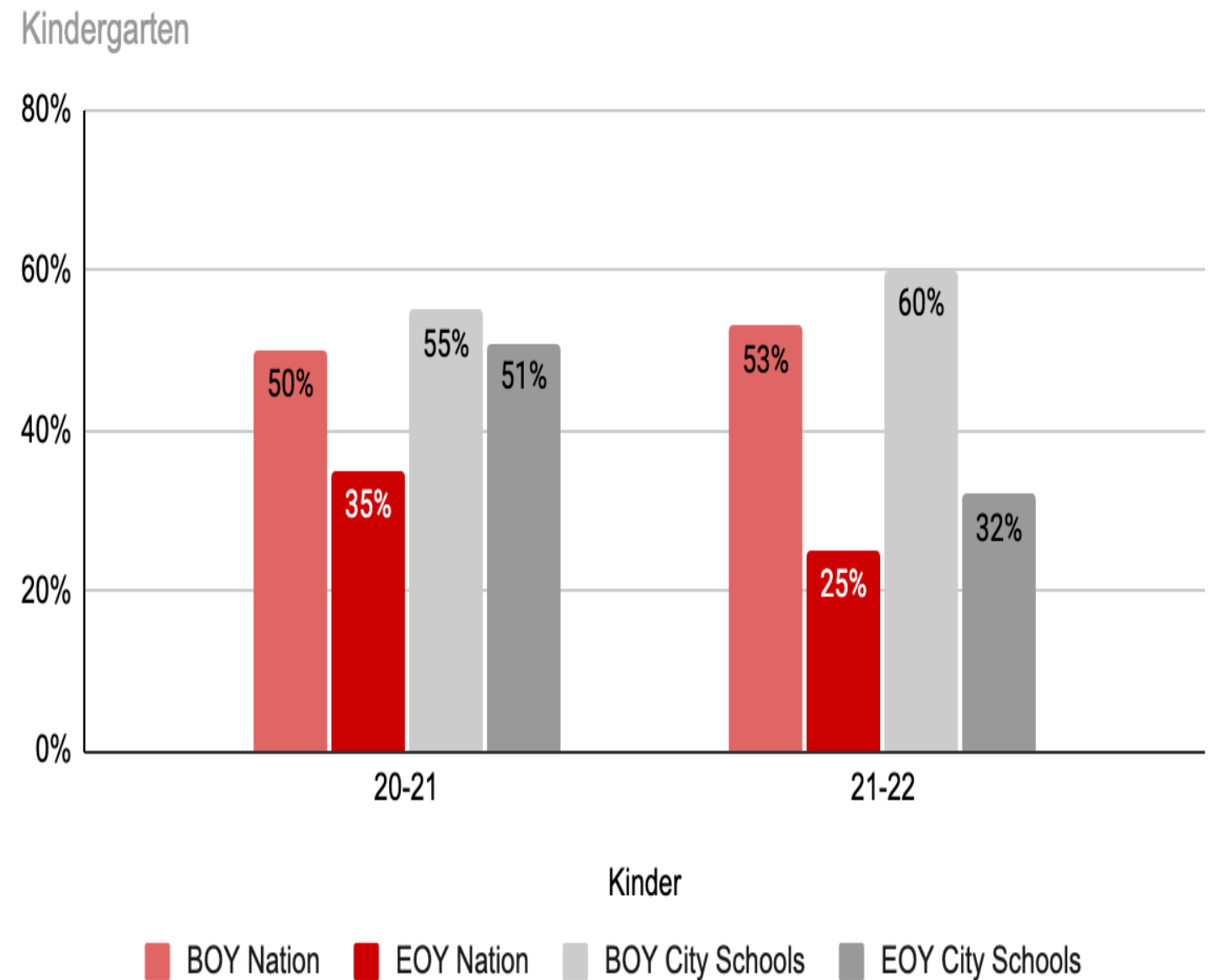
Literacy Outcomes Over Time: Historical

Previous visuals made it difficult to compare year on year trends.

% of Students on Track (Ready for Core Instruction)

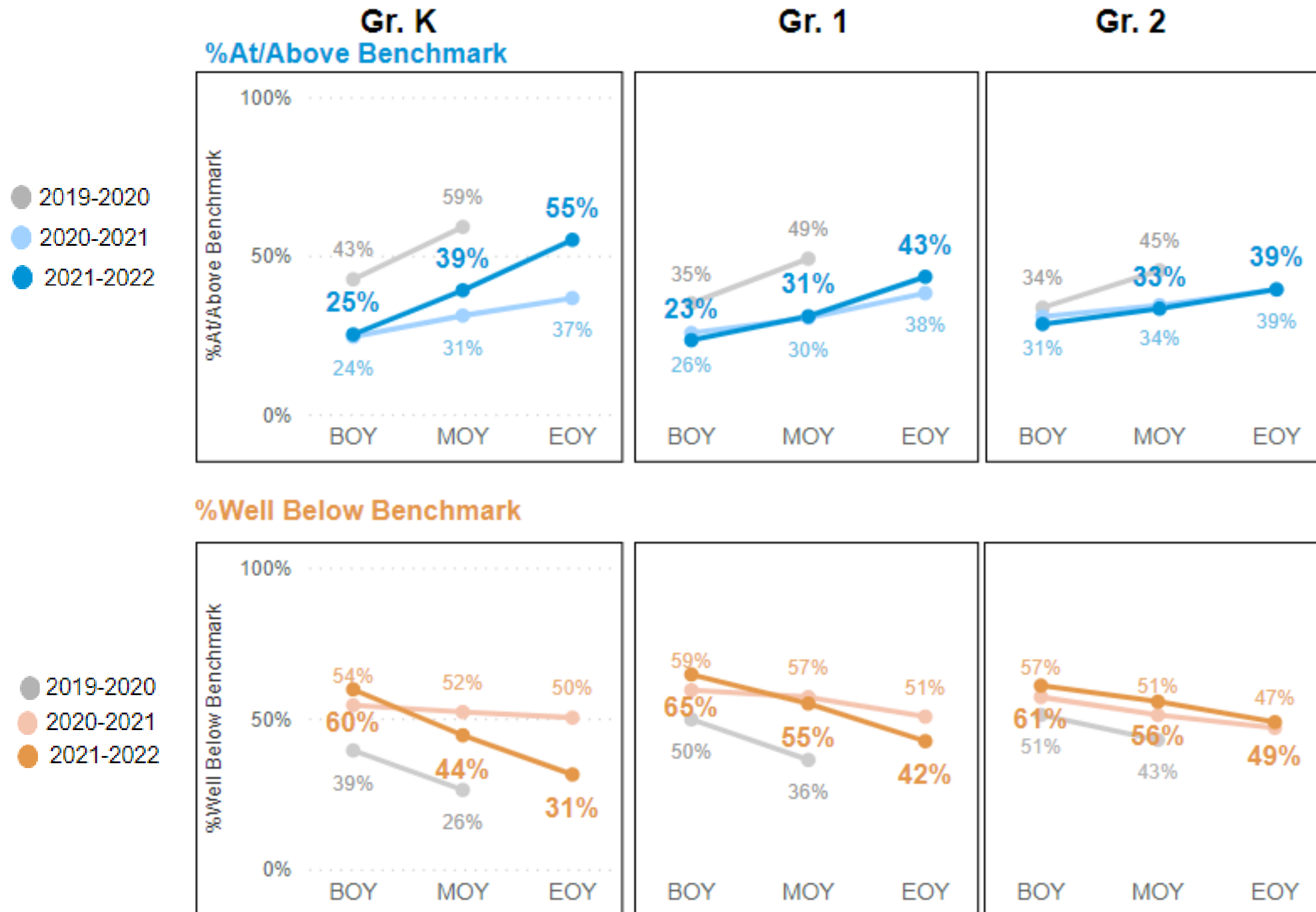


% of Students Far Behind (Needing Intensive Intervention)



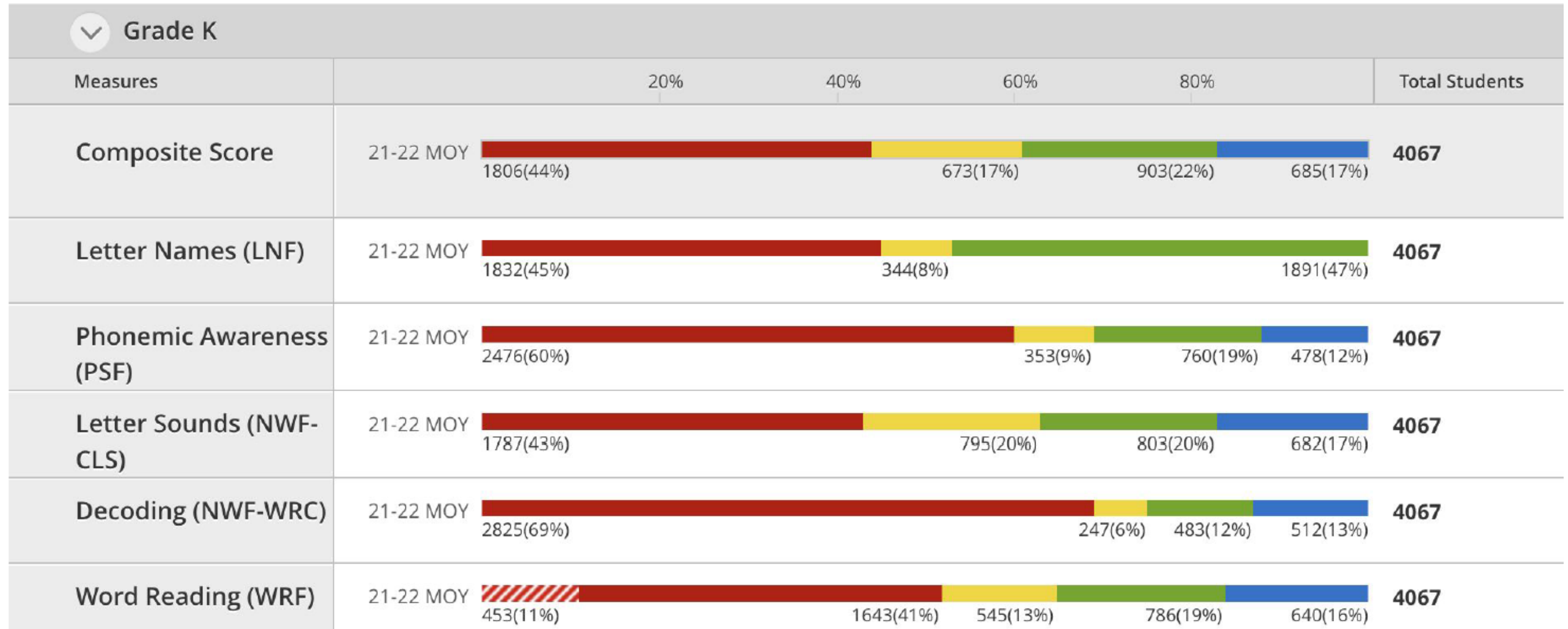
Literacy Outcomes Over Time: New

New visuals make it easier to compare year on year trends and see post pandemic learning loss.



Literacy KPI Tracking: Historical

Previous visuals to understand key sub scores by grade and which are now KPI's.

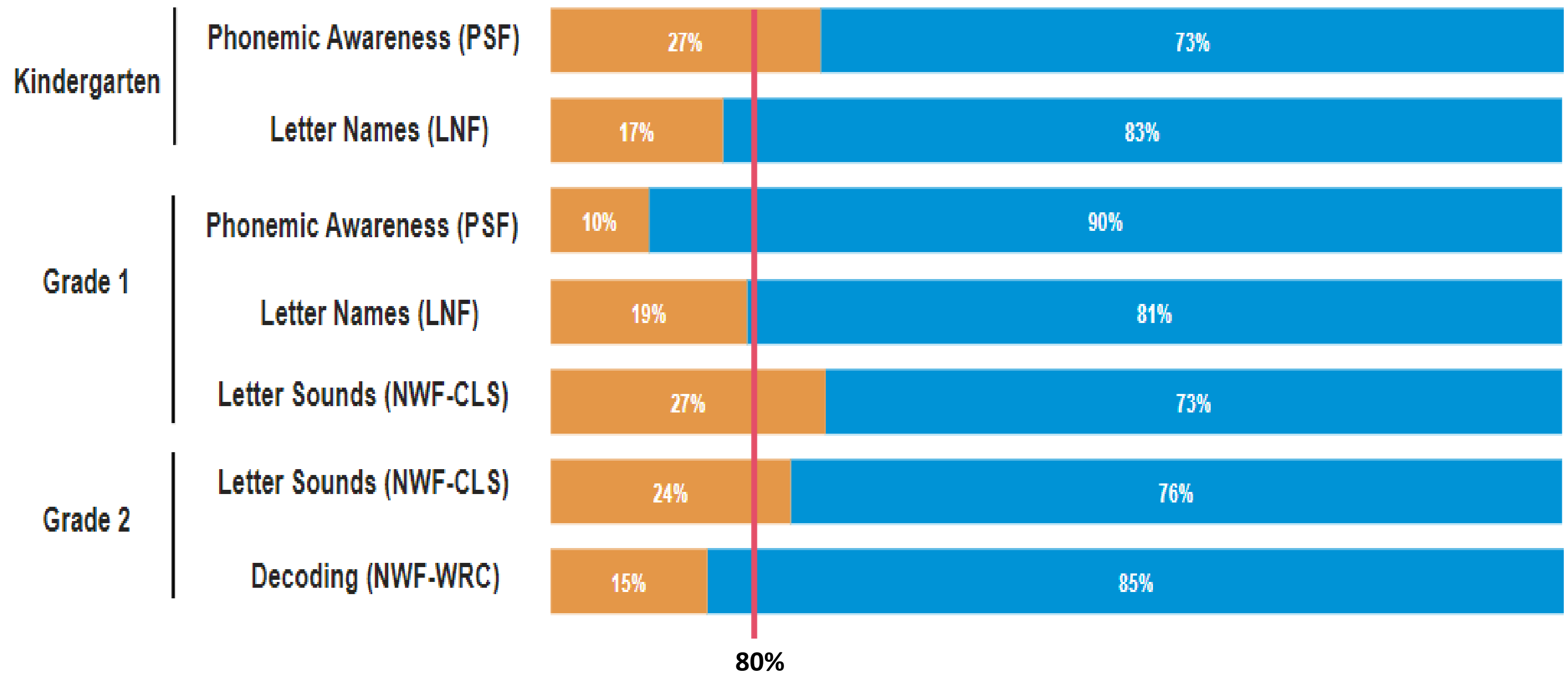


Literacy KPI Tracking: New

Visuals allow Schools to quickly track against *80% Met Benchmark* for District KPI sub goals by sub score.

Key Performance Indicators (KPI) - Subscore Performance by Grade

Not Met KPI Goal - Below or Well Below Benchmark Met KPI Goal Of At/Above Benchmark



New Data Views

Data Applications:

- Clarity for School Leaders on:
 - Identifying Equity opportunities for both Race/Ethnicity and Gender
 - Where to focus school wide to recover pandemic learning loss
 - Staffing needs for interventionists and focus grades, e.g. 2nd grade
 - Tracking progress toward KPI goals
 - Setting SMART School Performance Goals based on current data
- Clarity for Teachers on:
 - Efficacy at implementing curriculum & assessment with fidelity
 - Grouping students for intervention based on sub-scores

Success and Next Steps

Success

- Clear visuals with opportunities and trends
- Ability to identify subscores that need intervention by student
- Enabling schools to facilitate data driven instruction

Next Steps

- Continue to support Teachers on the Science of Reading Best Practices
- Improve Assessment Data Literacy
- Build data protocols that guide schools to key insights and actions to drive outcomes



Questions



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[Evergreen Data Visualization Website: http://stephanieevergreen.com/how-to/](http://stephanieevergreen.com/how-to/)

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