



# ELA, Math, and Science New York State Assessment Data

**Grades 3-8  
2020-2021 Results**

**Presented by  
Melanie Ward  
BOE Presentation**

**Assembled by  
Pittsford Data Team**



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# Changes due to Covid-19

2019-2020 – assessments not given

2020-2021:

- ELA and Math: One session only; all multiple choice
- Science: Written test only; no performance assessment
- Two-week window allowed for scheduling administration
- Fully remote students were not required, but were invited, to come into school to participate

ELA and Math tests – all paper based testing

# Data Processes

State

- Scores received from NYSED site in September

Administrators

- Building aggregate data reviewed
- Individual student data reviewed

Standards  
Leaders and  
Teachers

- Aggregate data reviewed for program implications
- Individual student data reviewed for instructional implications



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# Reminders as we view the data...

NYS exemption for grade 8 students in Regents Math and Regents Earth Science

Impact of percent of opt-outs and fully remote students on overall scores

Limited longitudinal comparative value due to the significant accommodations made

# 2021 Highlights

**84%** of Pittsford students in grades 3-8 met or exceeded ELA proficiency standard

**73%** of Pittsford students in grades 3-8 met or exceeded MATH proficiency standard

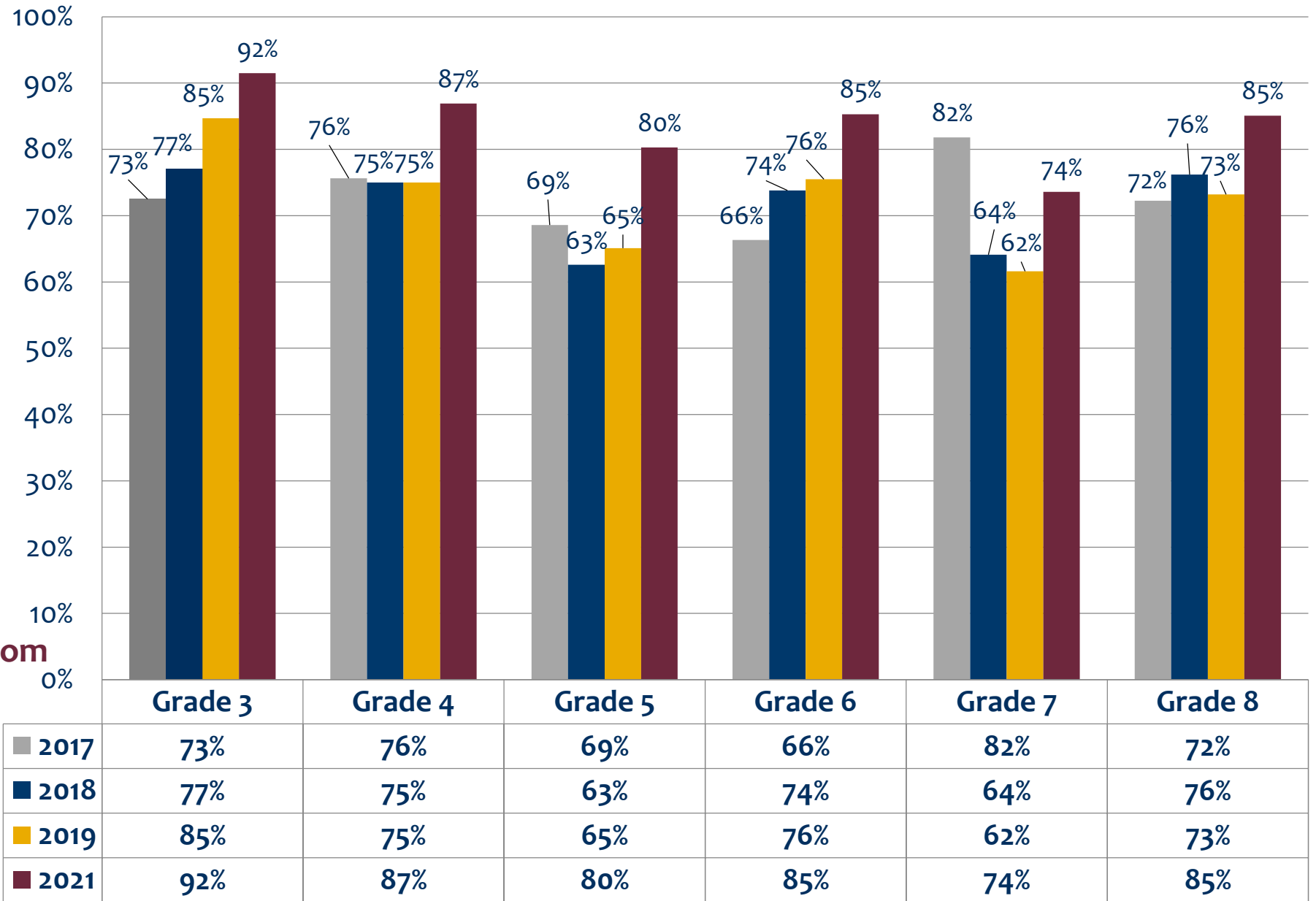
**97%** proficiency on the Science 4 assessment

**63%** proficiency on the Science 8 assessment

# PCSD ELA Grades 3~8

## Proficiency Comparison 2017-2021\*

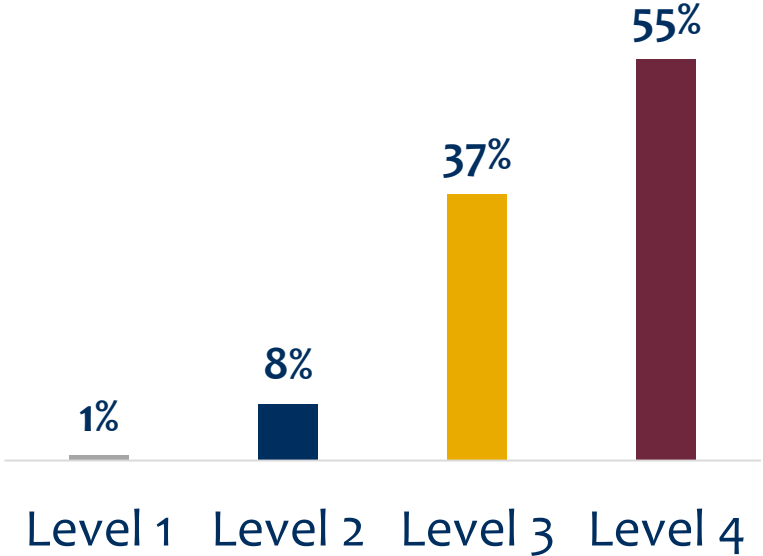
\*keeping in mind concerns  
about drawing conclusions from  
longitudinal comparisons



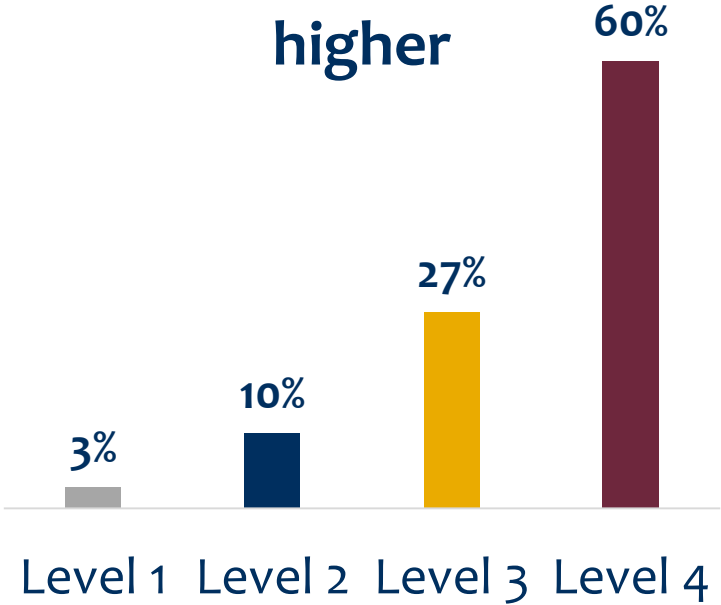
Due to COVID-19, there is no 3-8 Assessment data for the 2019-2020 school year.

# Levels of Performance for 2021

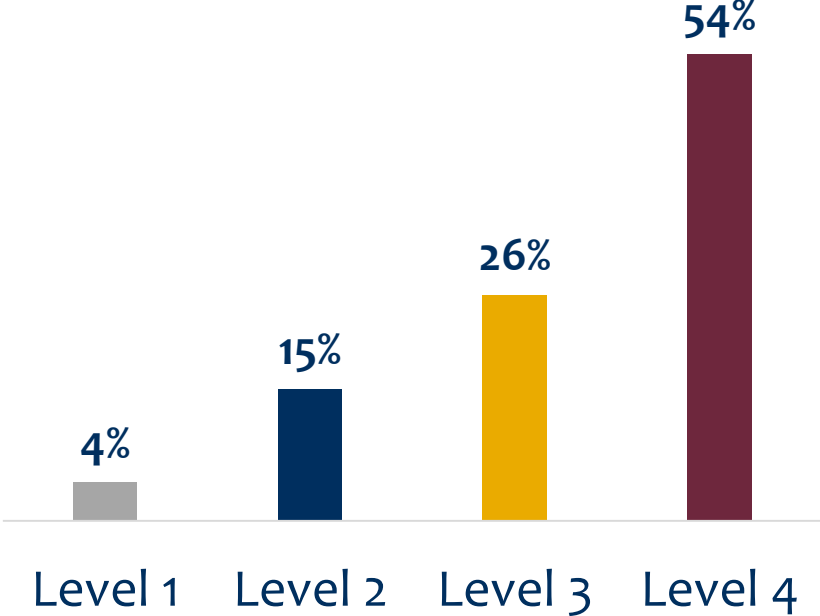
**Grade 3 ELA**  
**92% Proficient or higher**



**Grade 4 ELA**  
**87% Proficient or higher**



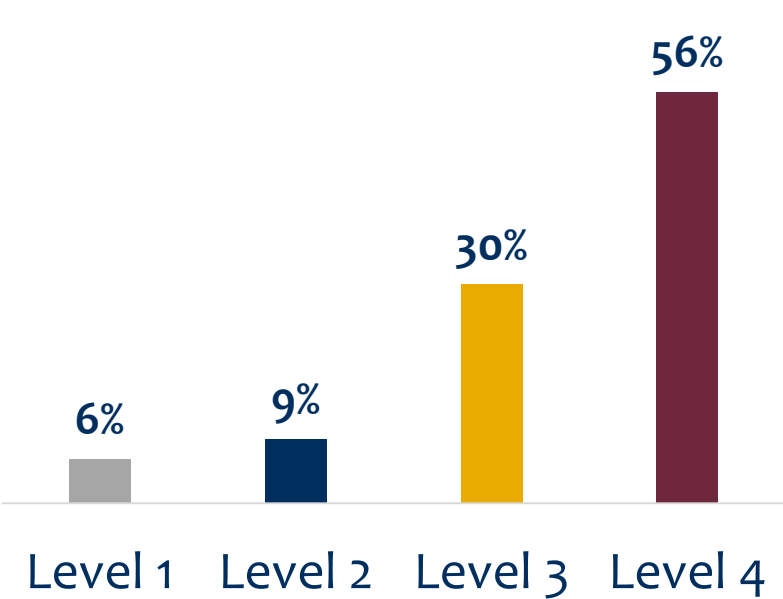
**Grade 5 ELA**  
**80% Proficient or higher**



# Levels of Performance for 2021

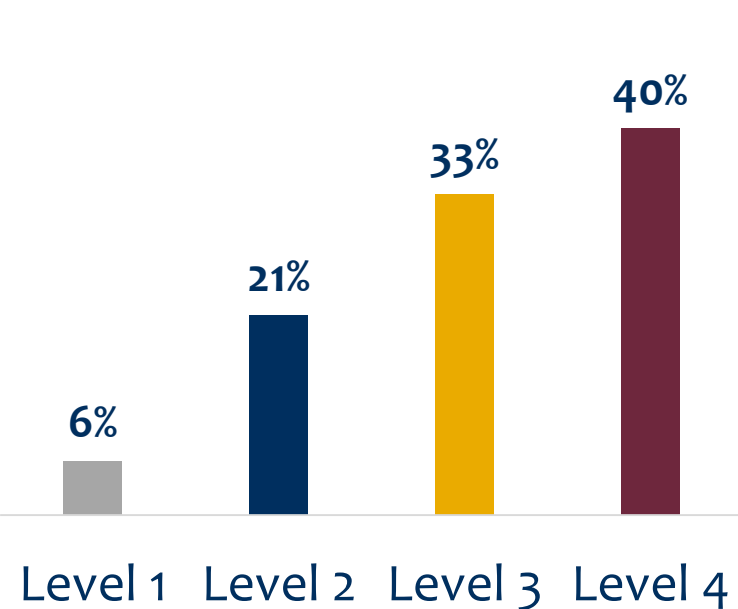
## Grade 6 ELA

86% Proficient or higher



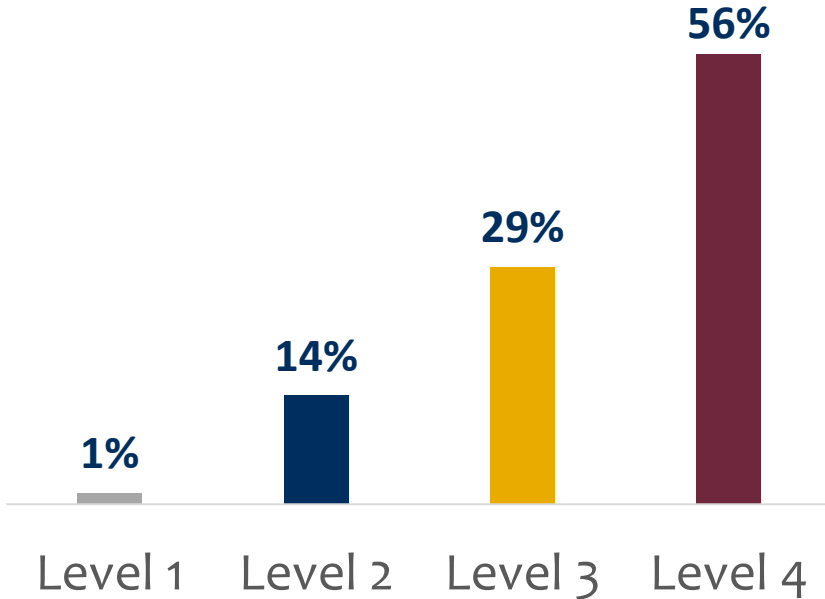
## Grade 7 ELA

73% Proficient or higher



## Grade 8 ELA

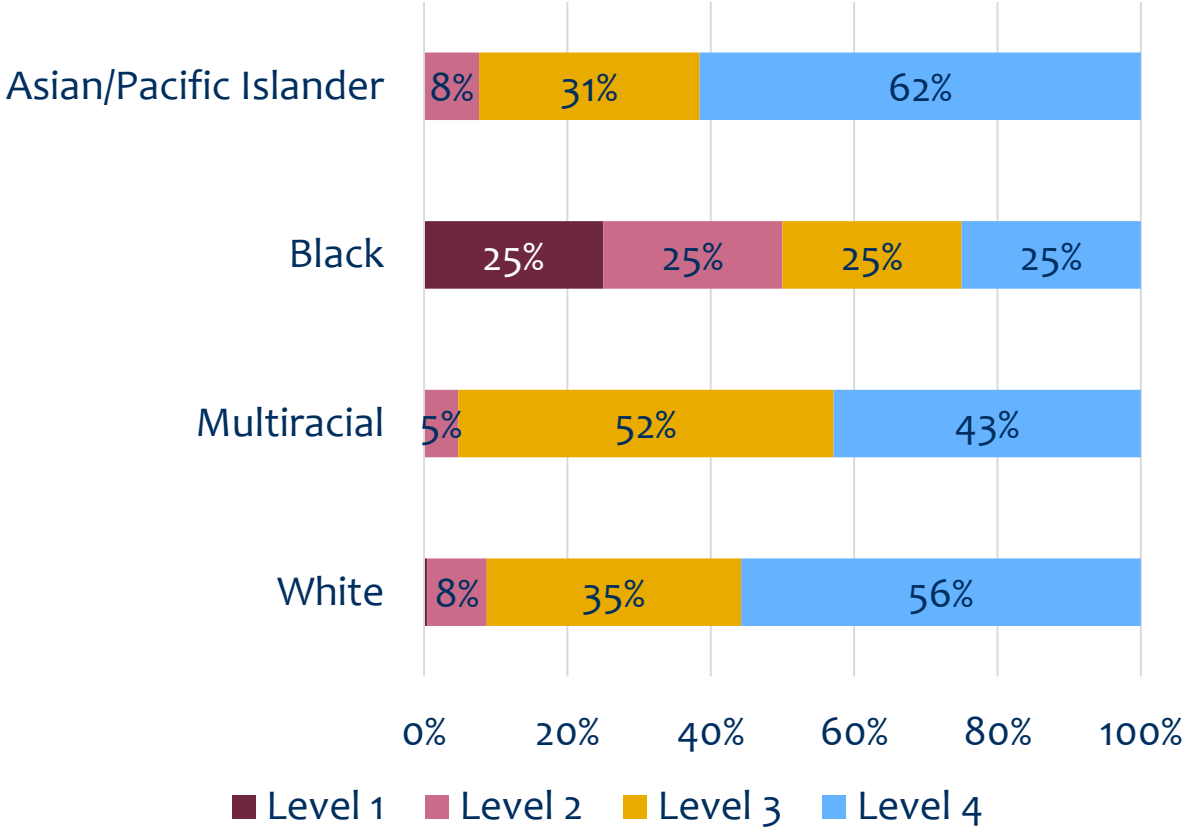
85% Proficient or higher



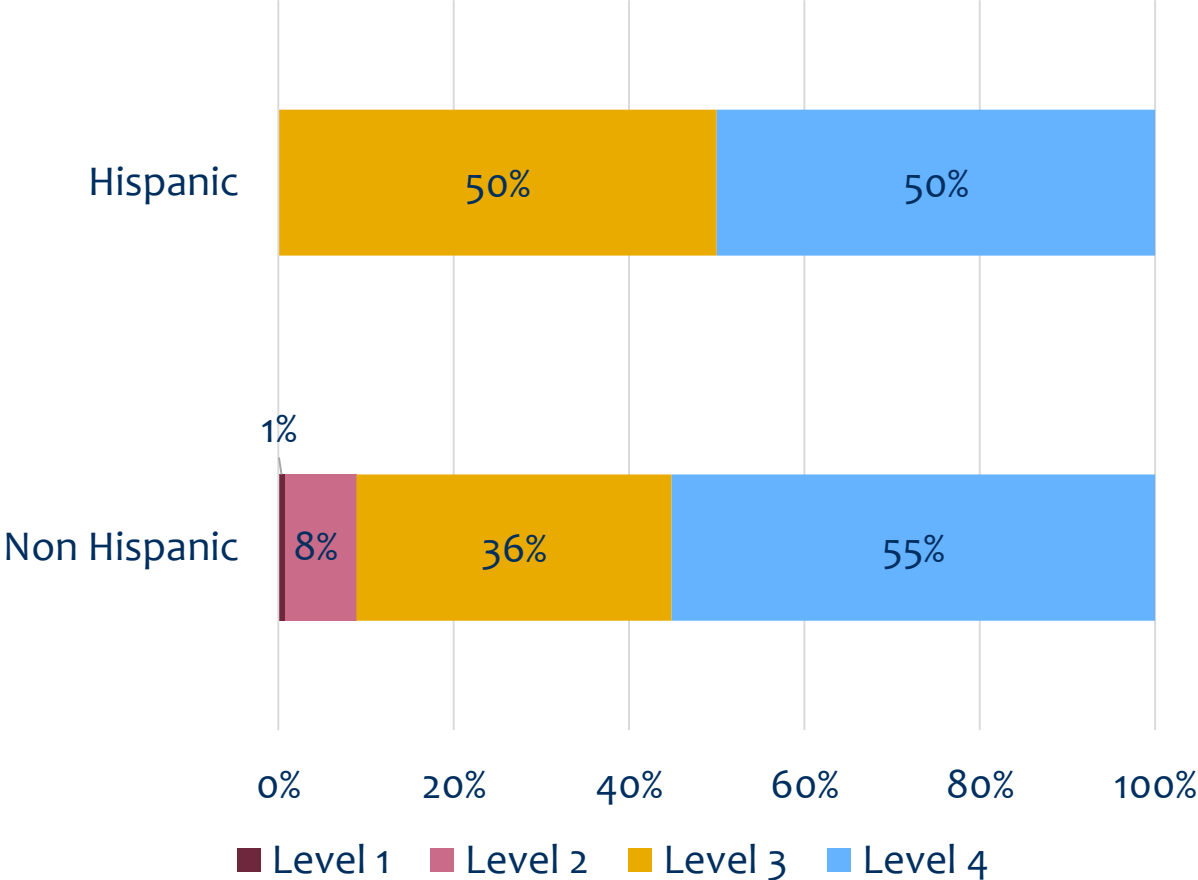


# Levels of Performance for 2021

### Grade 3 ELA Performance by PCSD's Four Largest Racial Groups

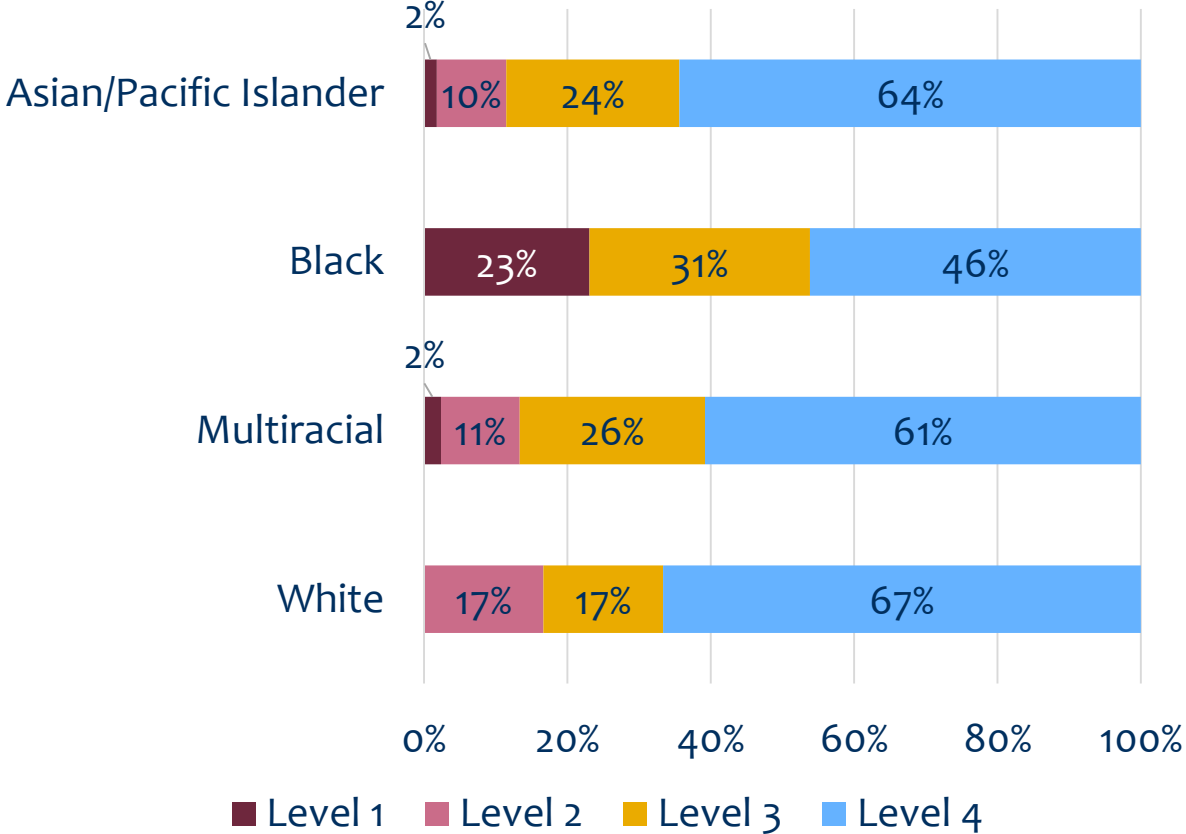


### Grade 3 ELA Performance by Ethnicity

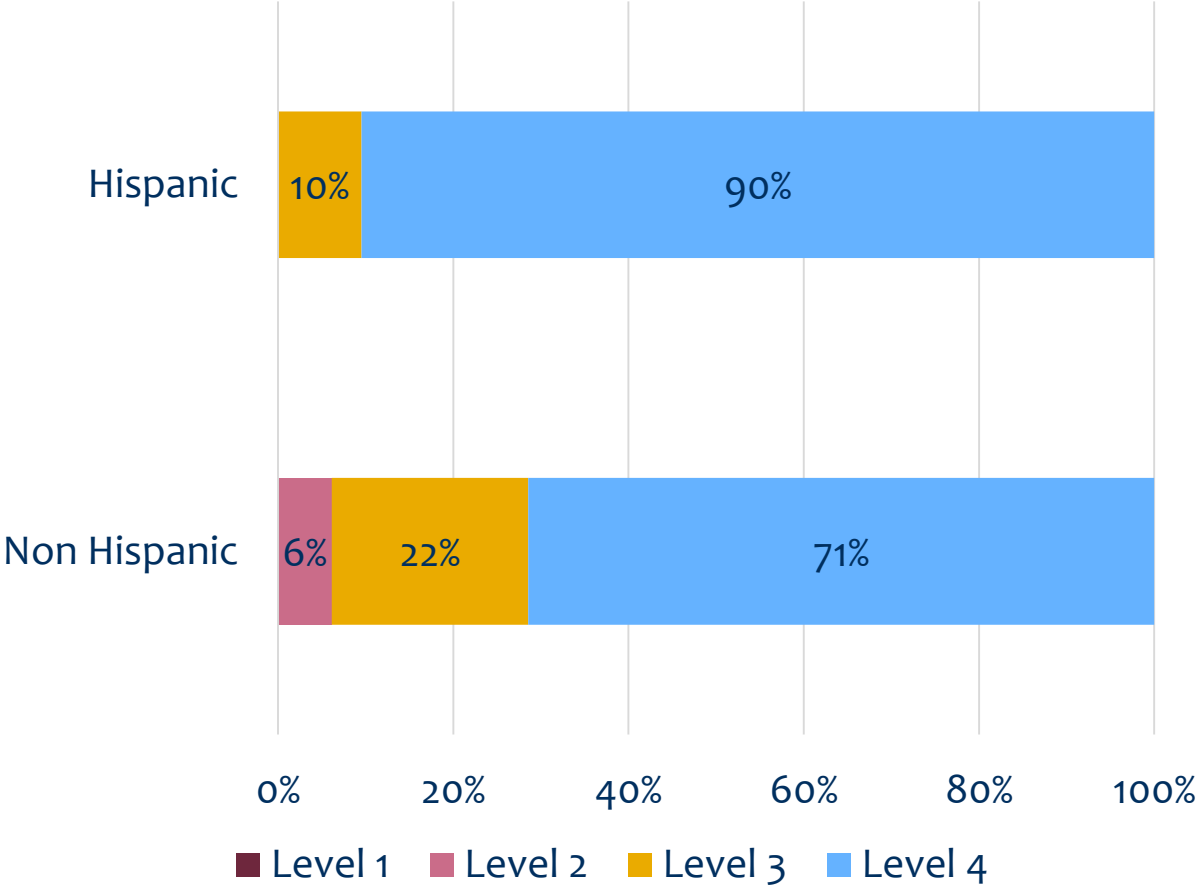


# Levels of Performance for 2021

Grade 4 ELA Performance by PCSD's Four Largest Racial Groups

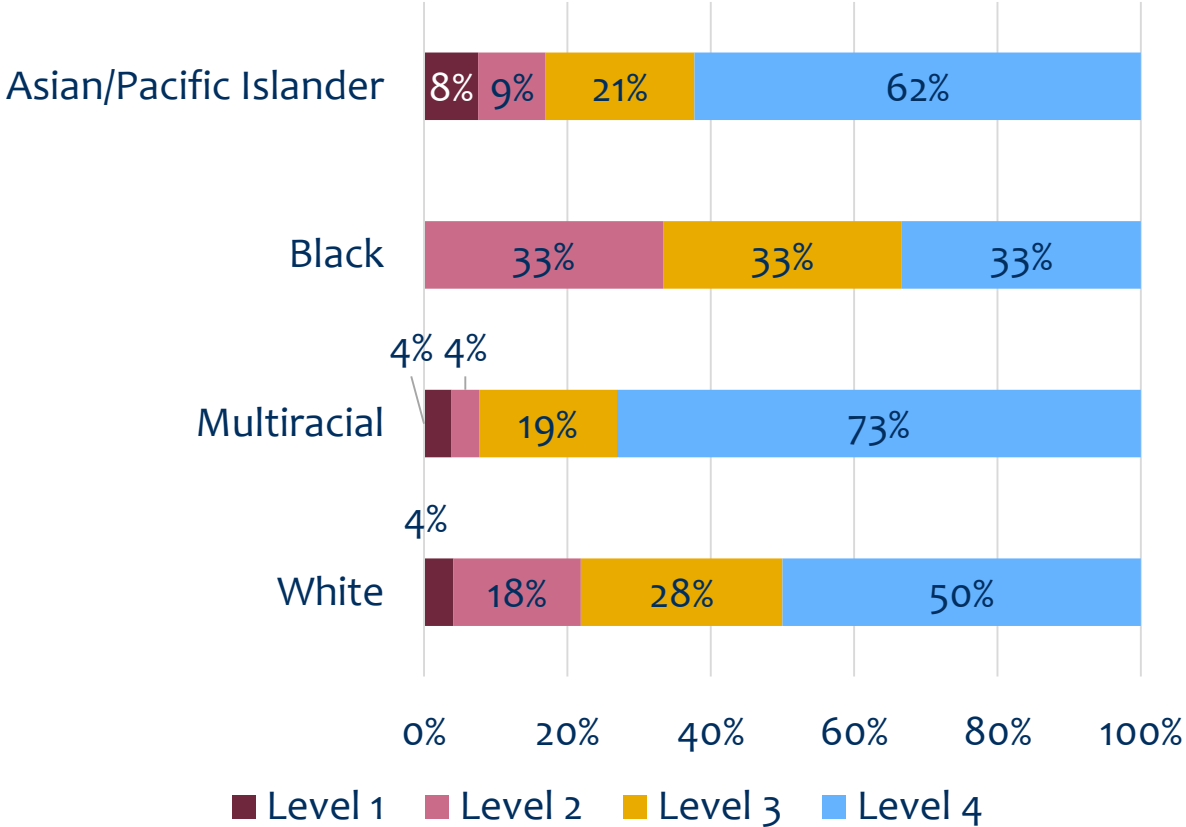


Grade 4 ELA Performance by Ethnicity

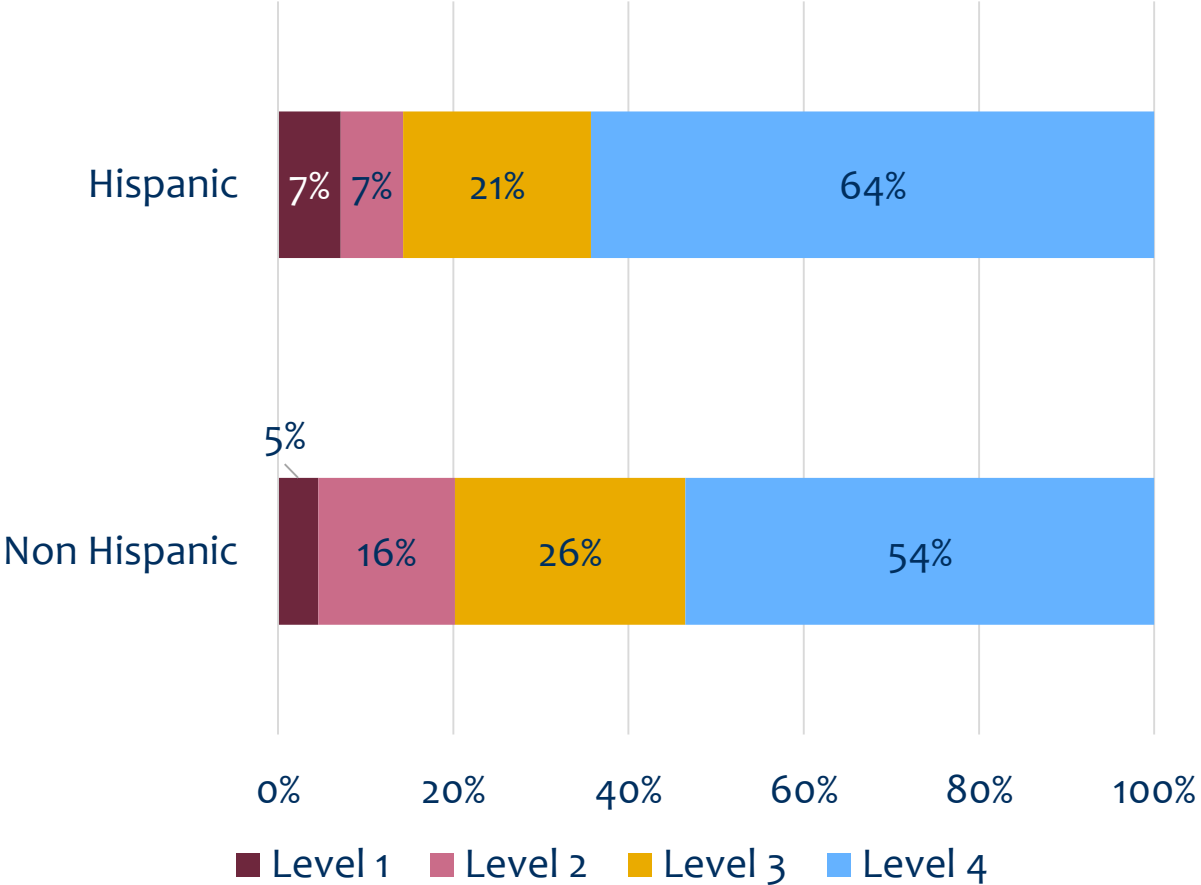


# Levels of Performance for 2021

### Grade 5 ELA Performance by PCSD's Four Largest Racial Groups

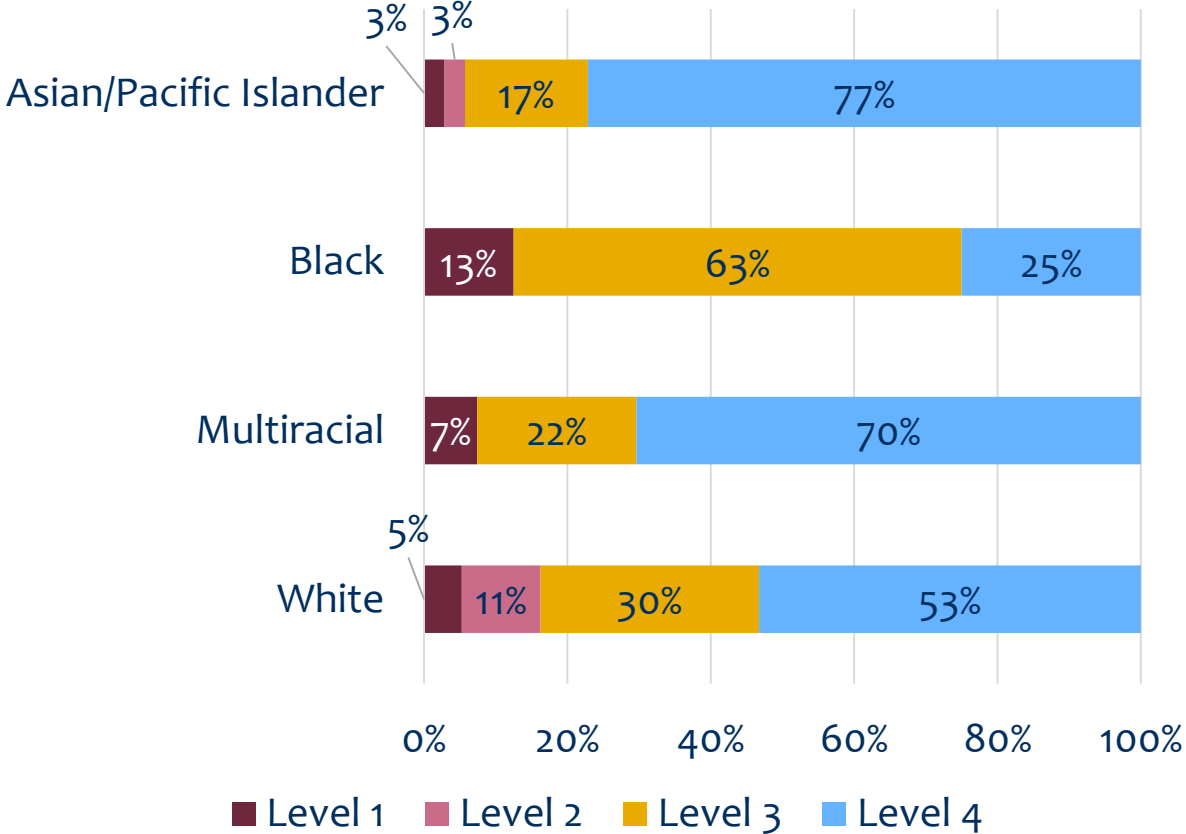


### Grade 5 ELA Performance by Ethnicity

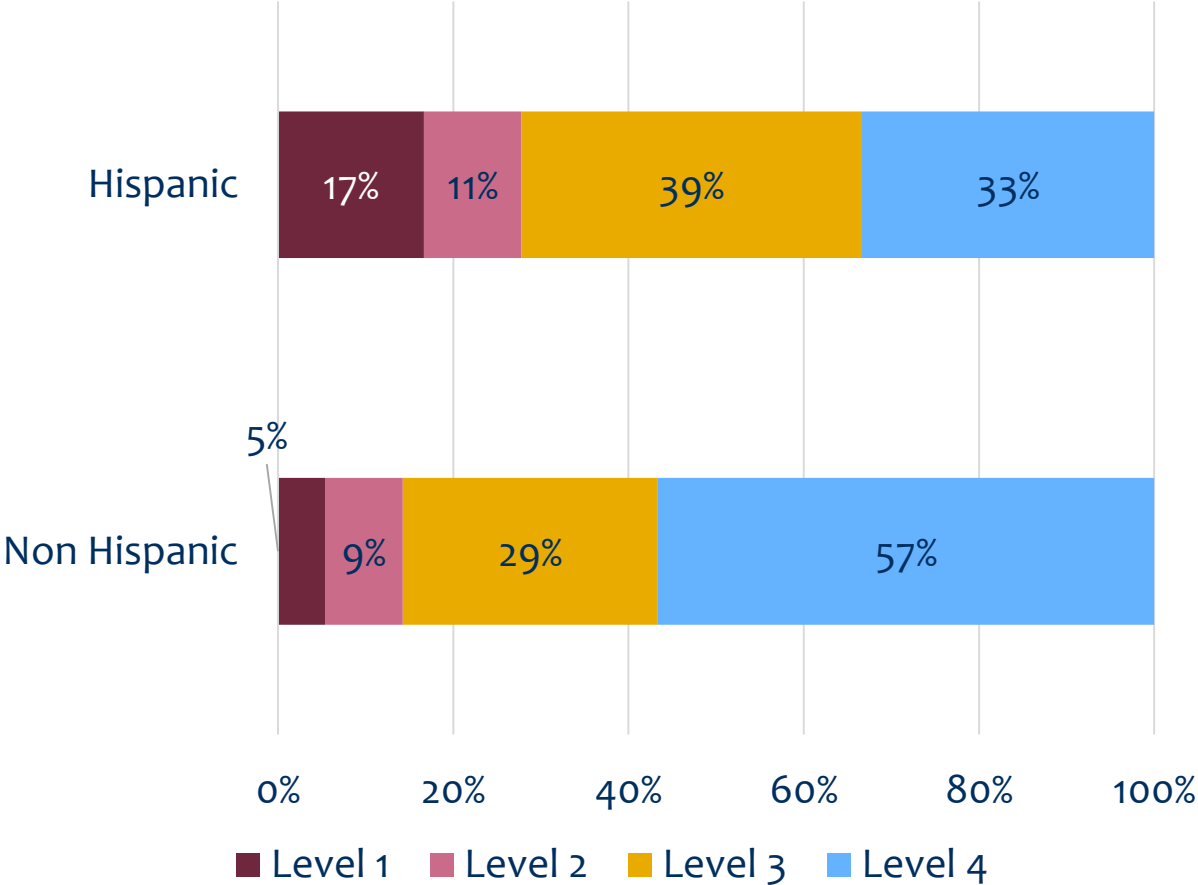


# Levels of Performance for 2021

Grade 6 ELA Performance by PCSD's Four Largest Racial Groups

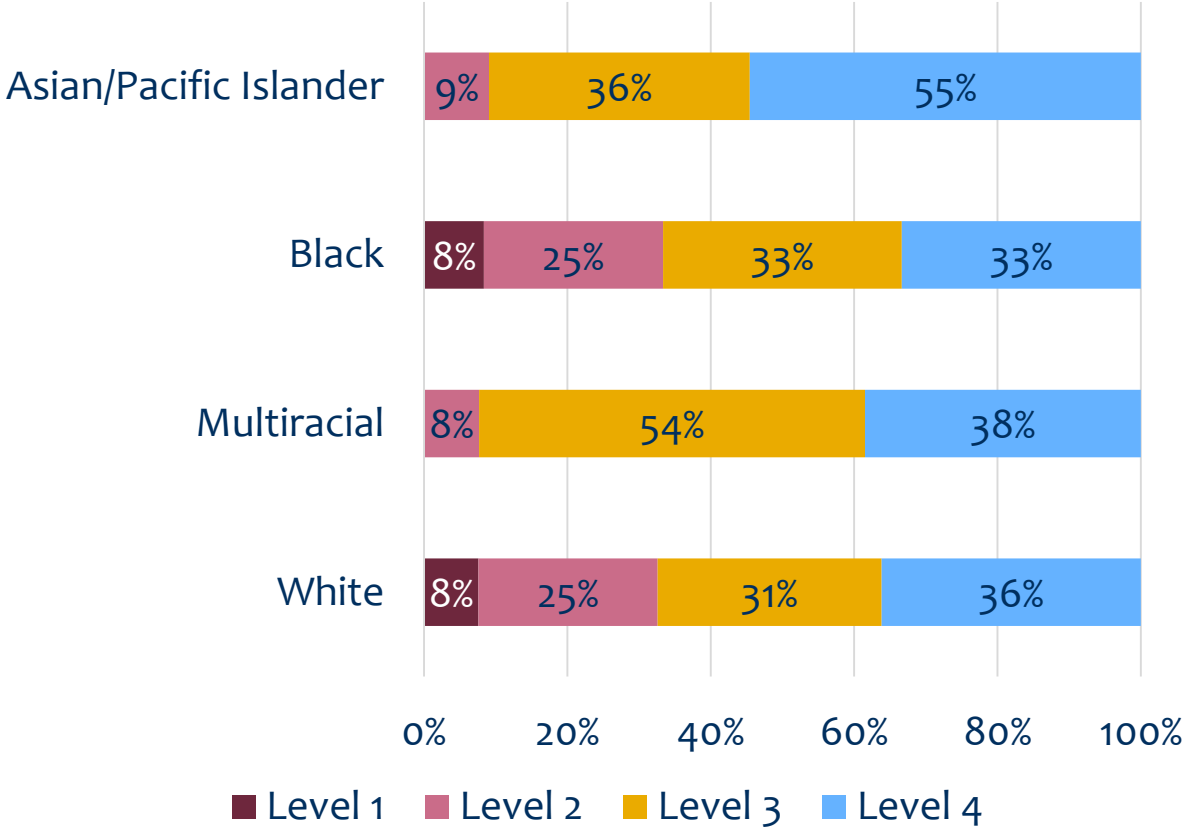


Grade 6 ELA Performance by Ethnicity

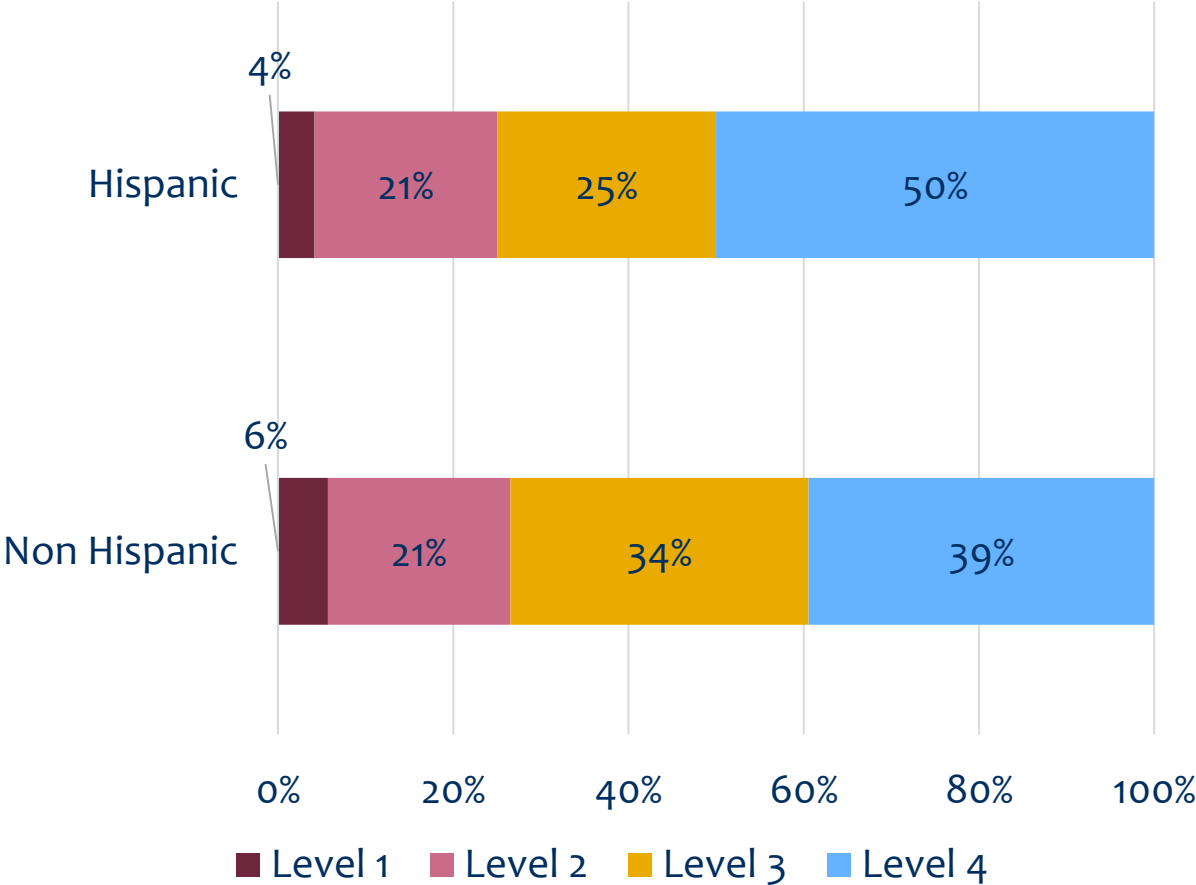


# Levels of Performance for 2021

### Grade 7 ELA Performance by PCSD's Four Largest Racial Groups

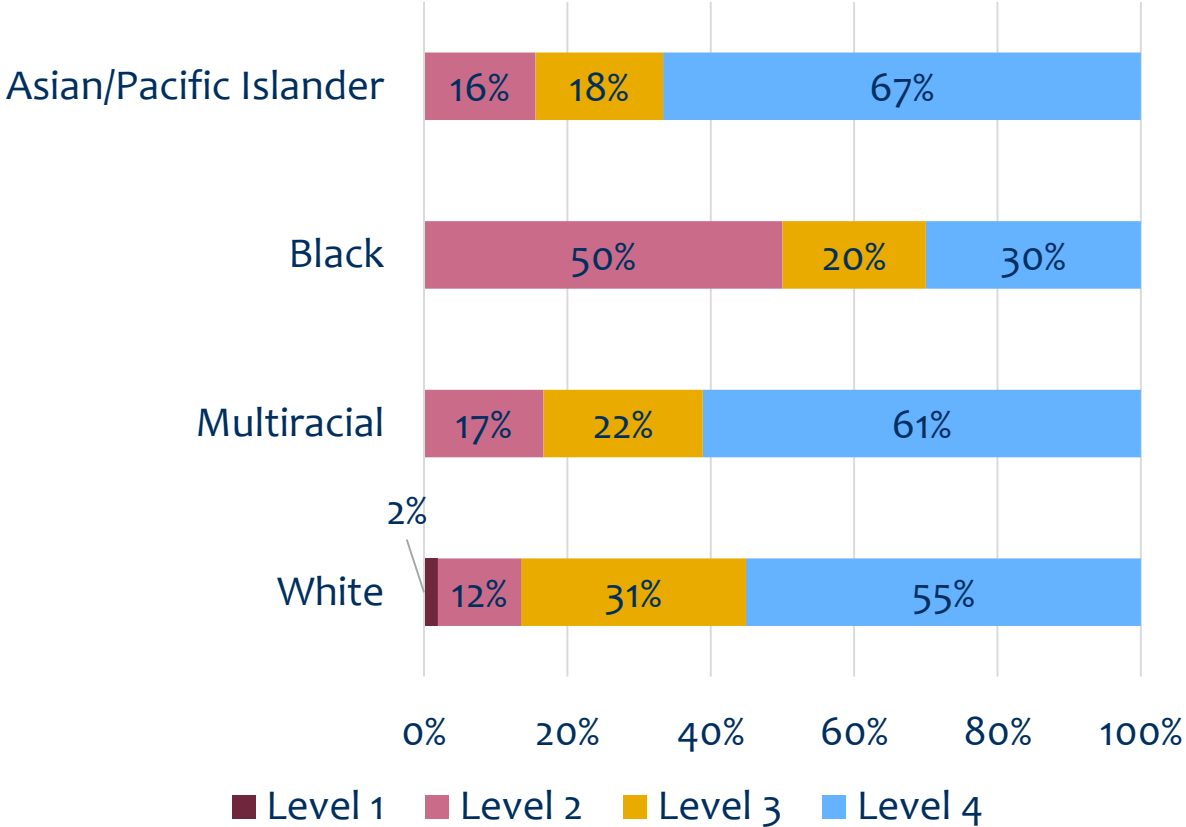


### Grade 7 ELA Performance by Ethnicity

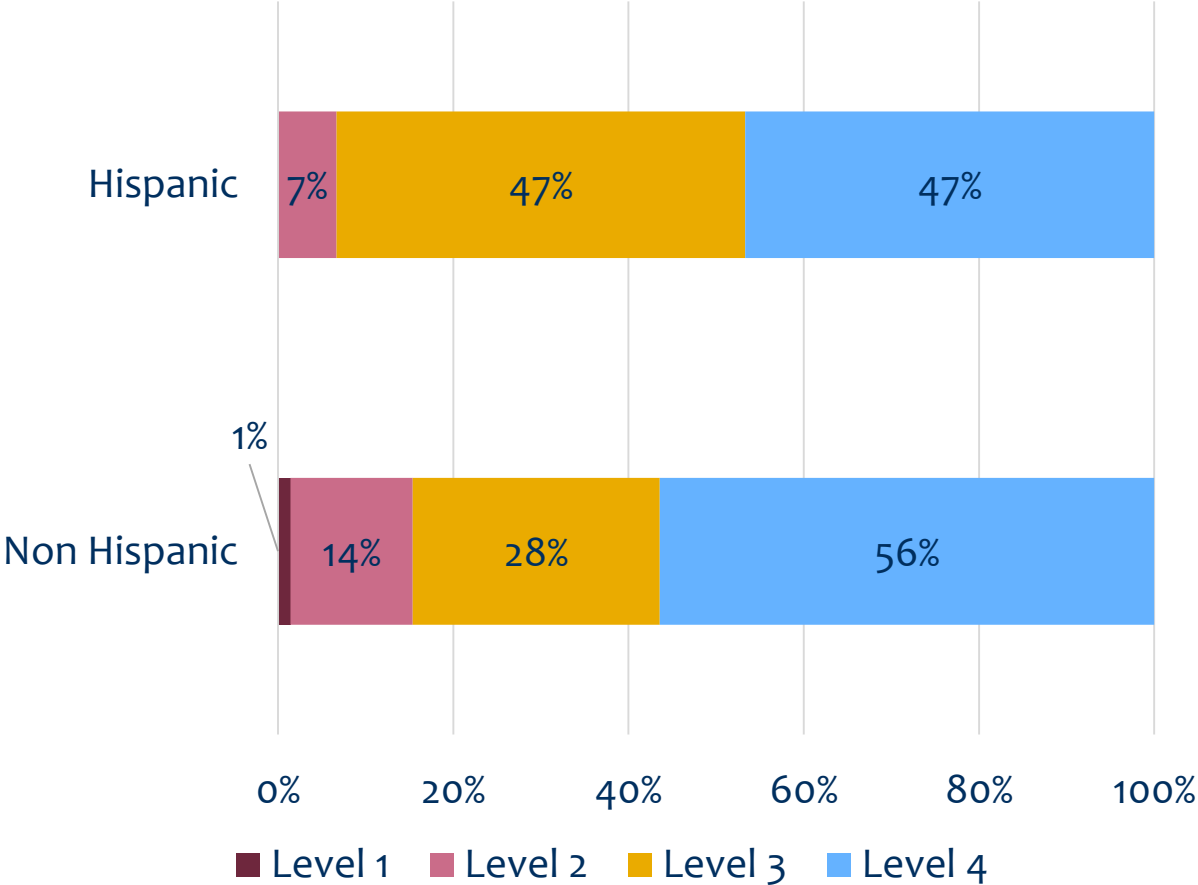


# Levels of Performance for 2021

### Grade 8 ELA Performance by PCSD's Four Largest Racial Groups

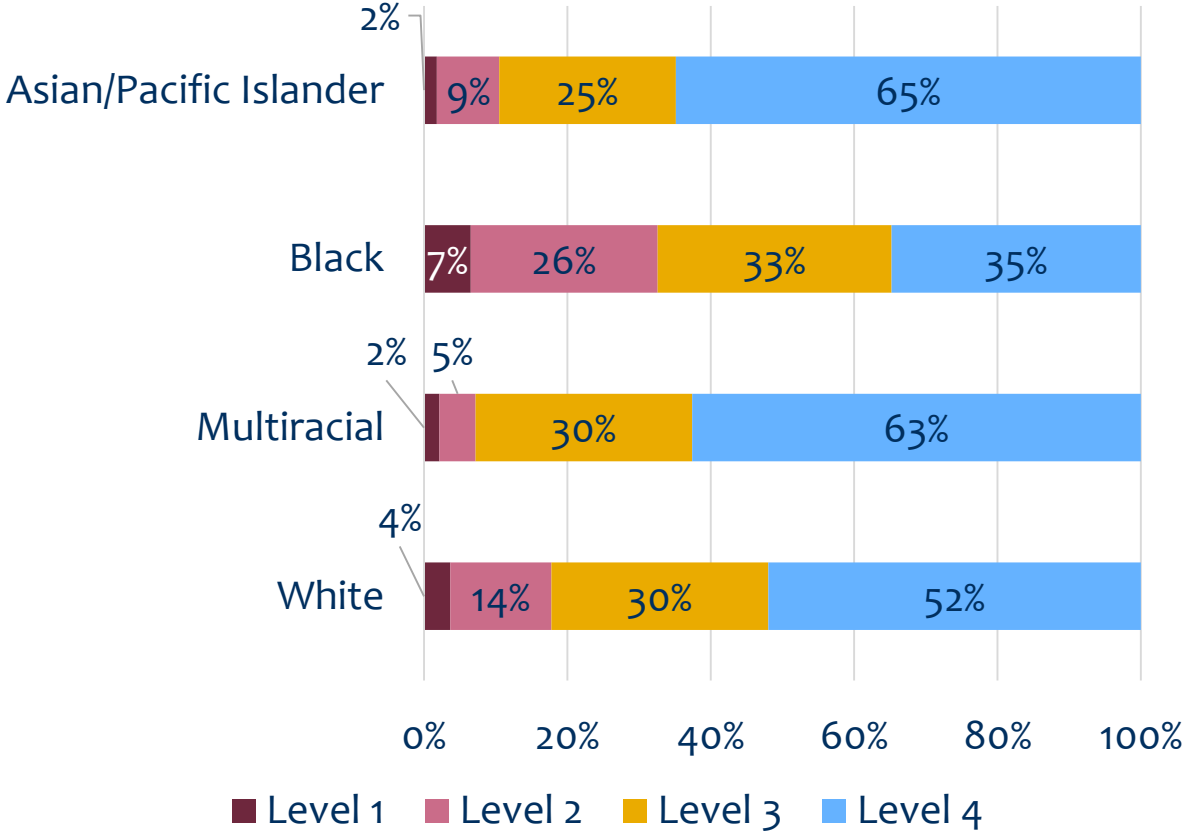


### Grade 8 ELA Performance by Ethnicity

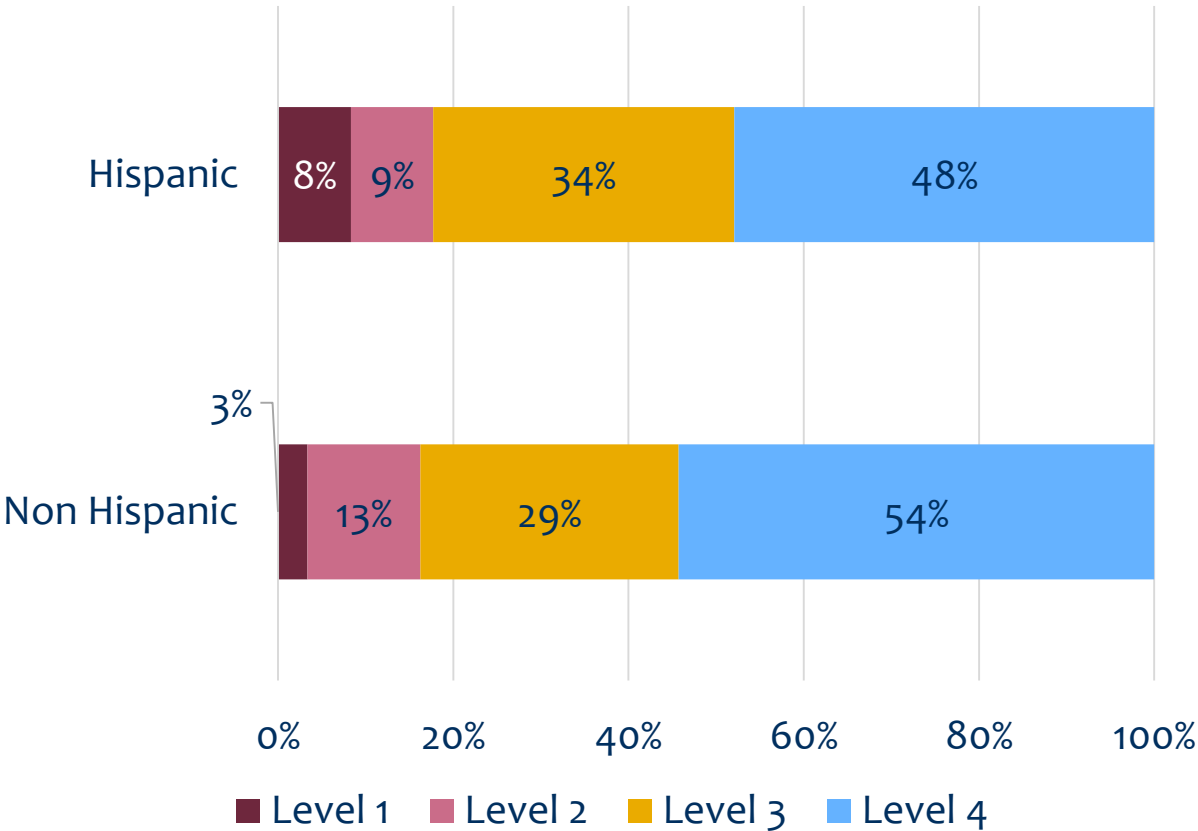


# Levels of Performance for 2021

Combined Grades 3-8 ELA Performance by PCSD's Four Largest Racial Groups



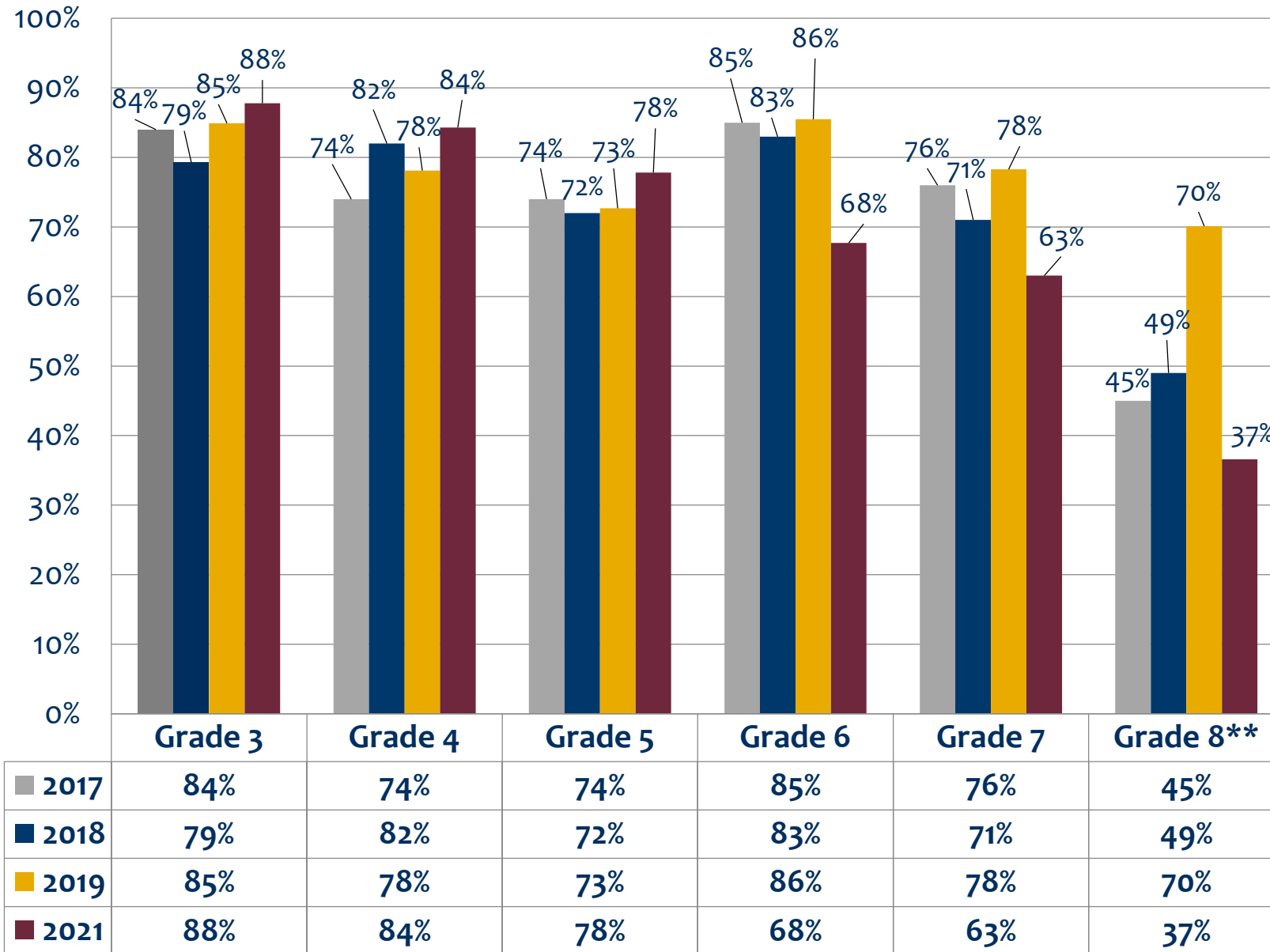
Combined Grades 3-8 ELA Performance by Ethnicity



# PCSD Math Grades 3-8

## Proficiency Comparison 2017-2021\*

\*keeping in mind concerns  
about drawing conclusions from  
longitudinal comparisons



Due to COVID-19, there is no 3-8 Assessment data for the 2019-2020 school year.

\*\*A NYSED Waiver exempted 8th Grade students enrolled in Algebra from taking the NYS Math 8 Exam.

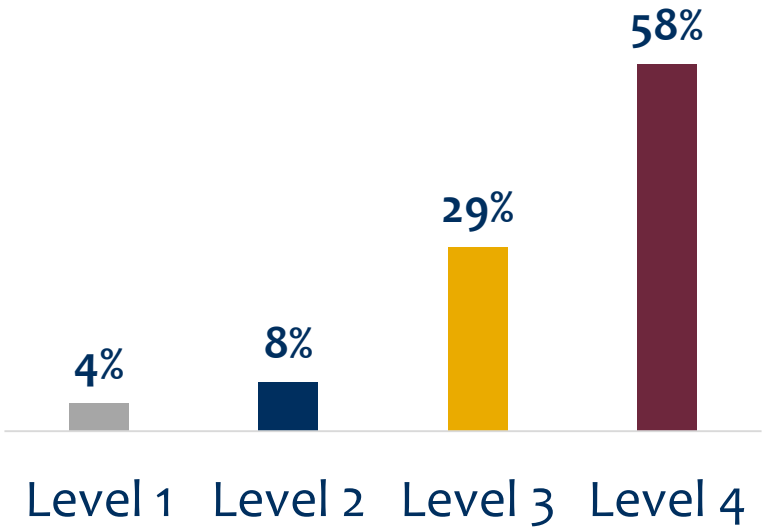


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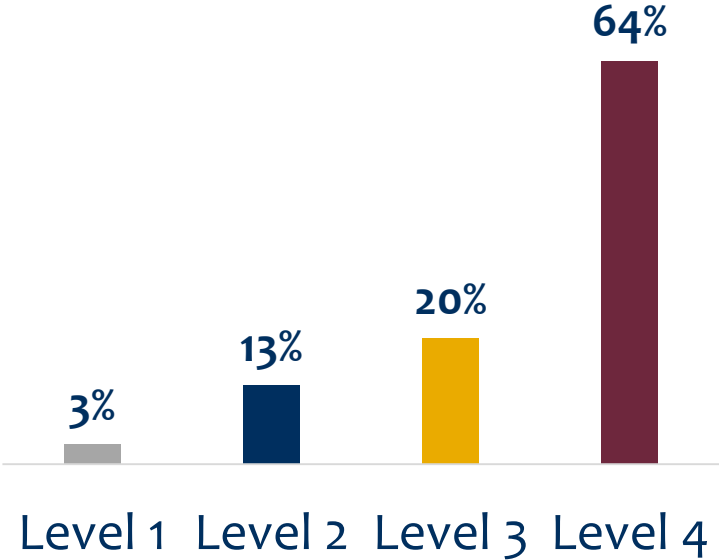


# Levels of Performance for 2021

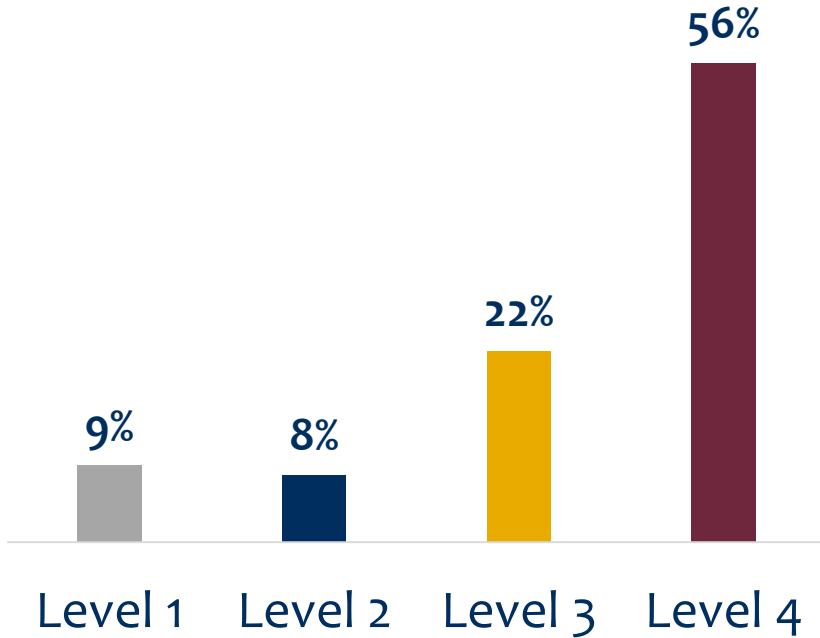
**Grade 3 Math**  
87% Proficient or higher



**Grade 4 Math**  
84% Proficient or higher

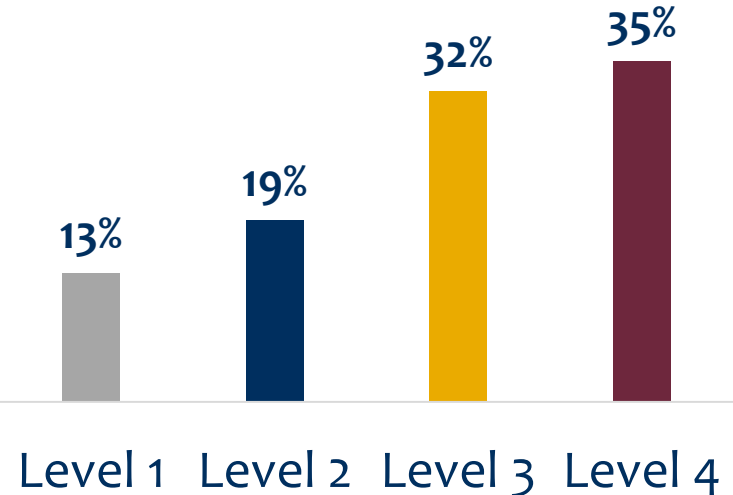


**Grade 5 Math**  
78% Proficient or higher

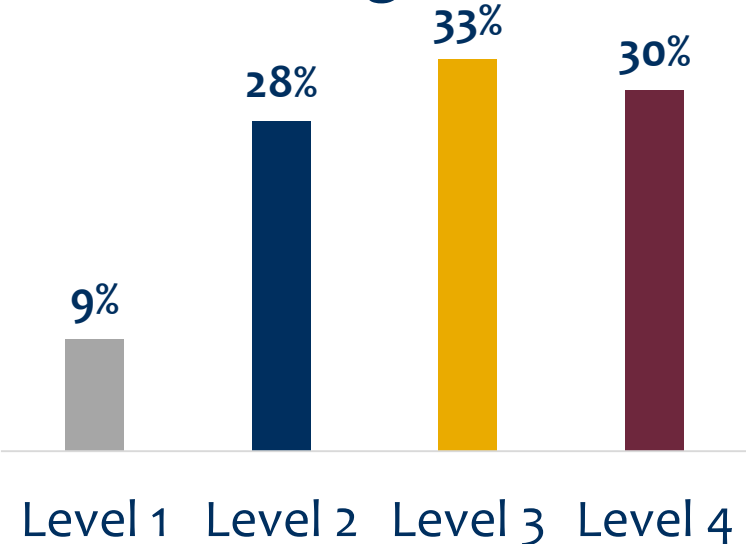


# Levels of Performance for 2021

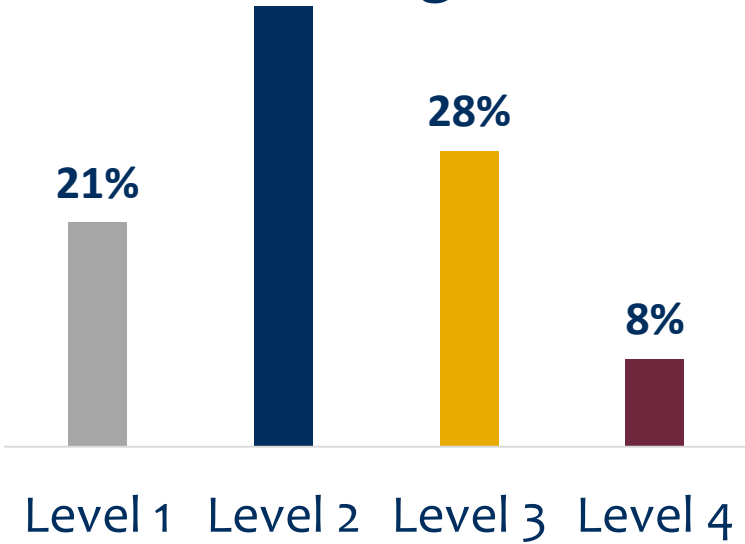
**Grade 6 Math**  
**67% Proficient or higher**



**Grade 7 Math**  
**63% Proficient or higher**



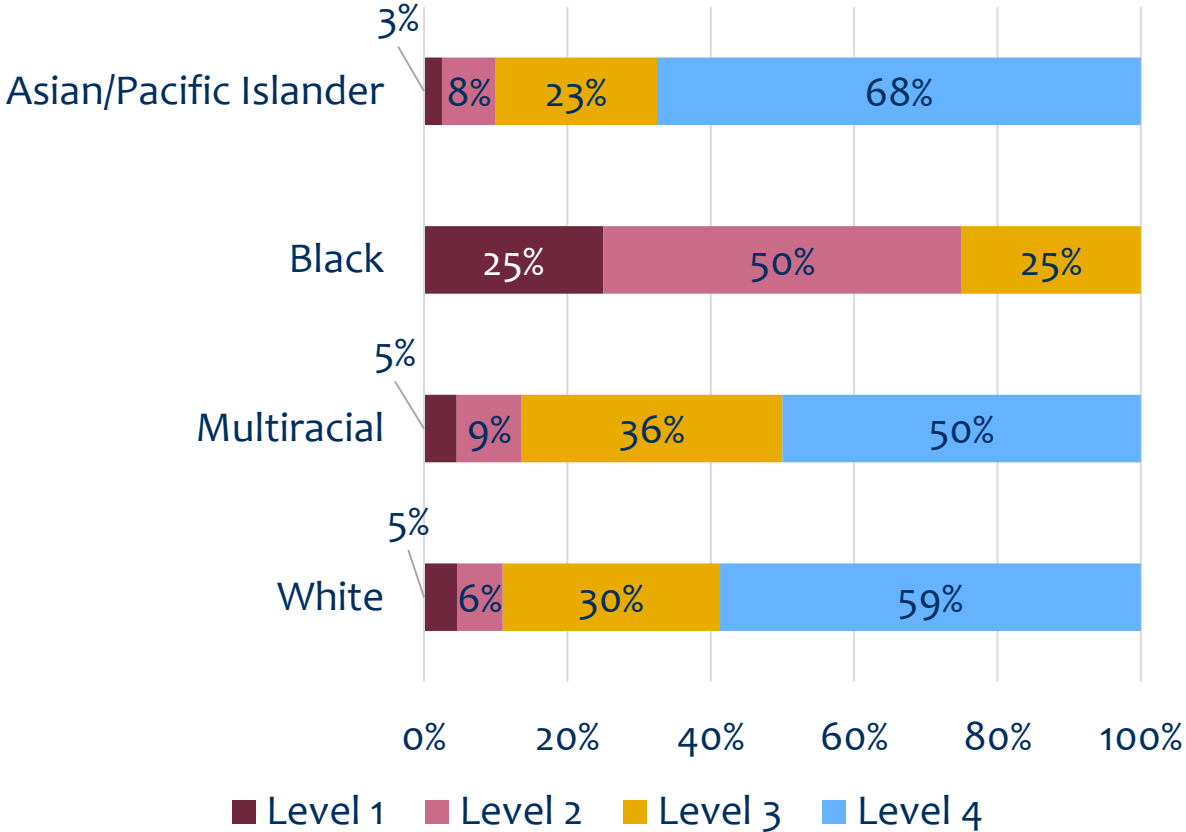
**Grade 8 Math\***  
**36% Proficient or higher**



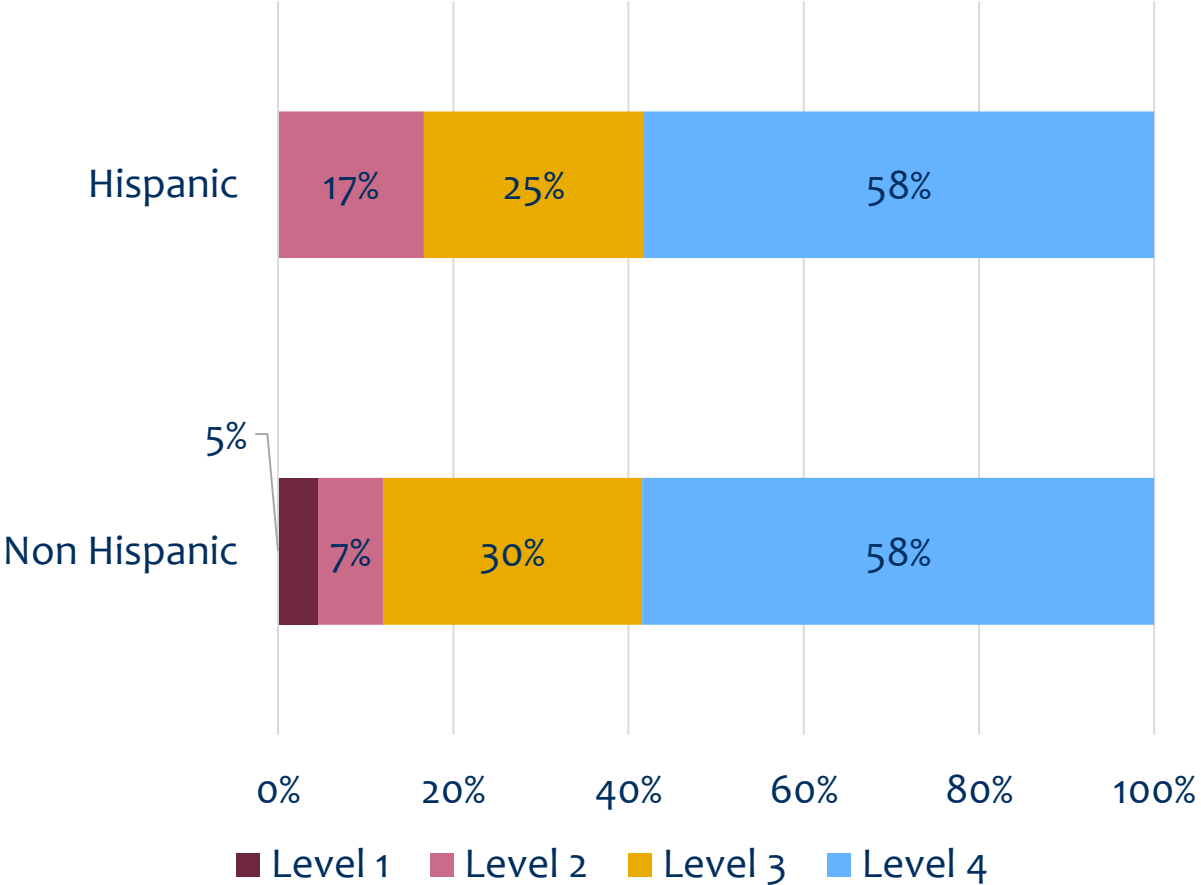
\*Math 8 Assessment is NOT taken by 8<sup>th</sup> graders enrolled in Algebra I

# Levels of Performance for 2021

Grade 3 Math Performance by PCSD's Four Largest Racial Groups

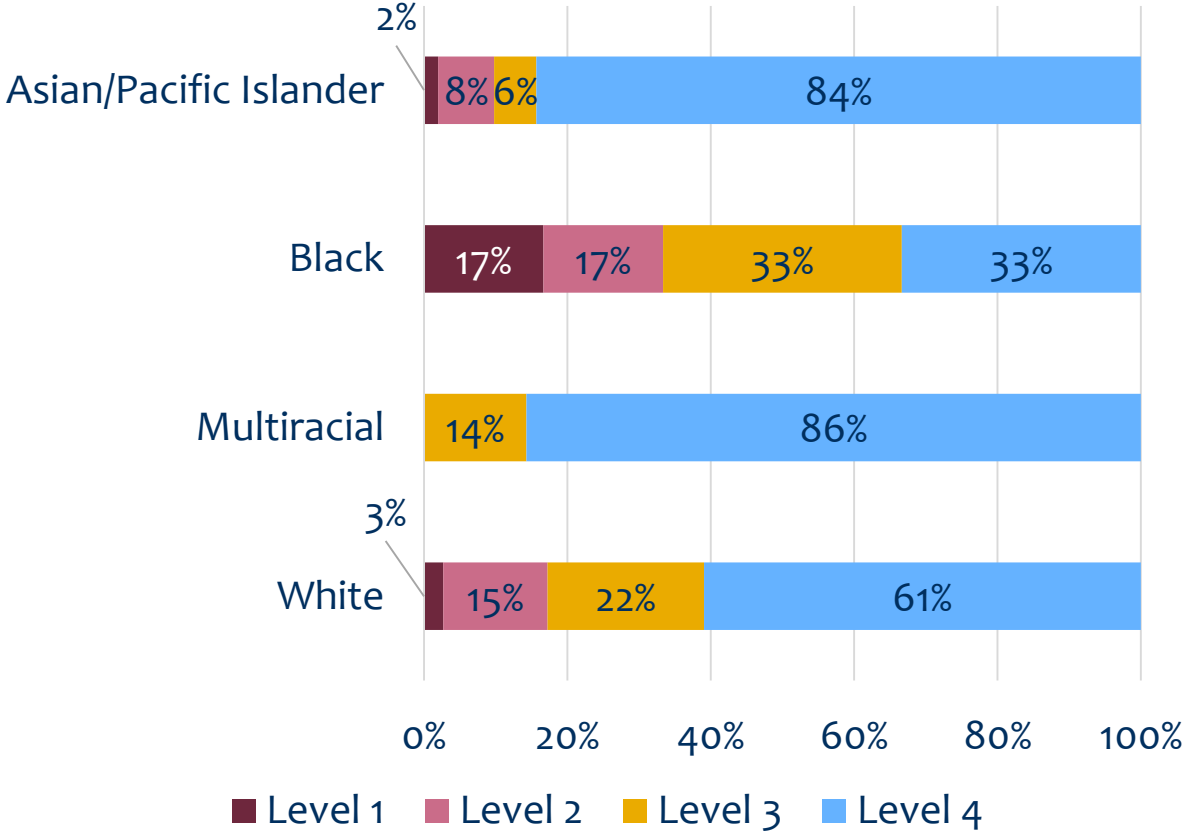


Grade 3 Math Performance by Ethnicity

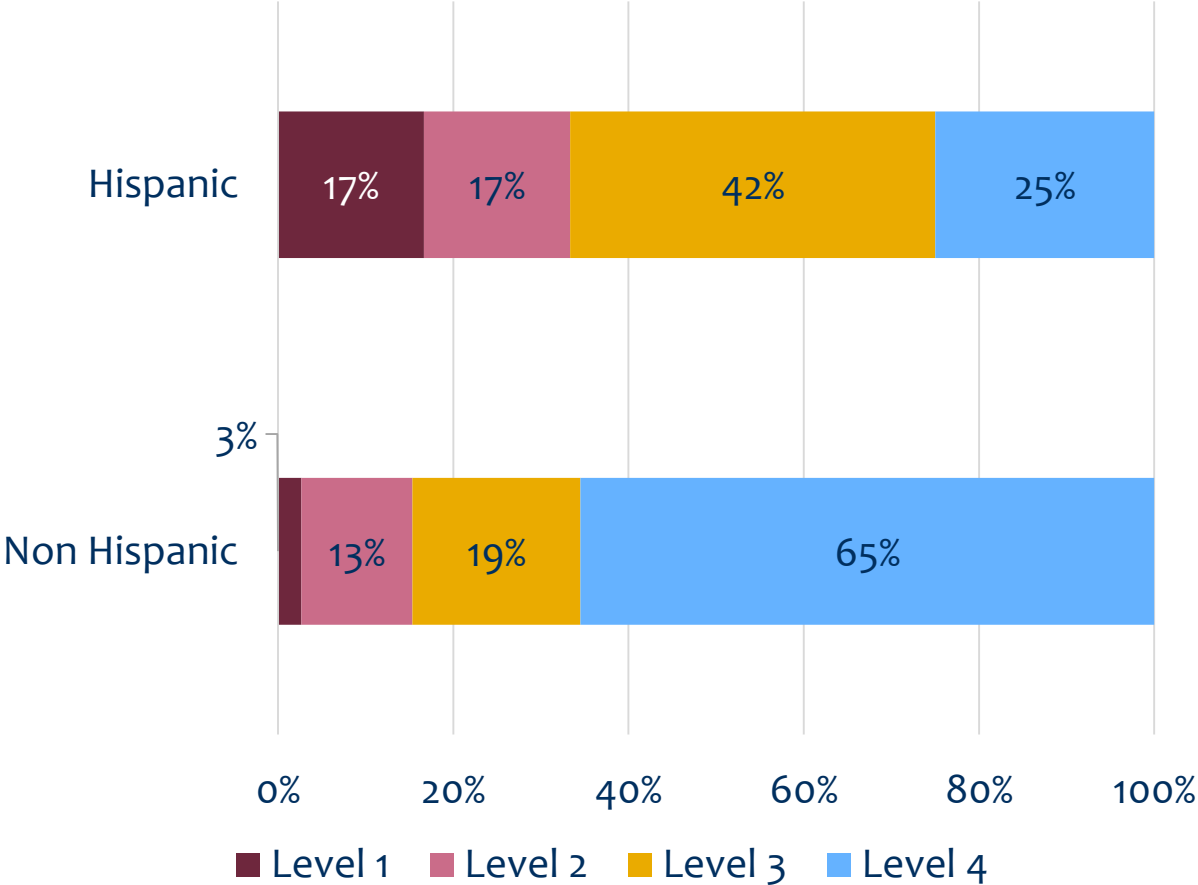


# Levels of Performance for 2021

Grade 4 Math Performance by PCSD's Four Largest Racial Groups

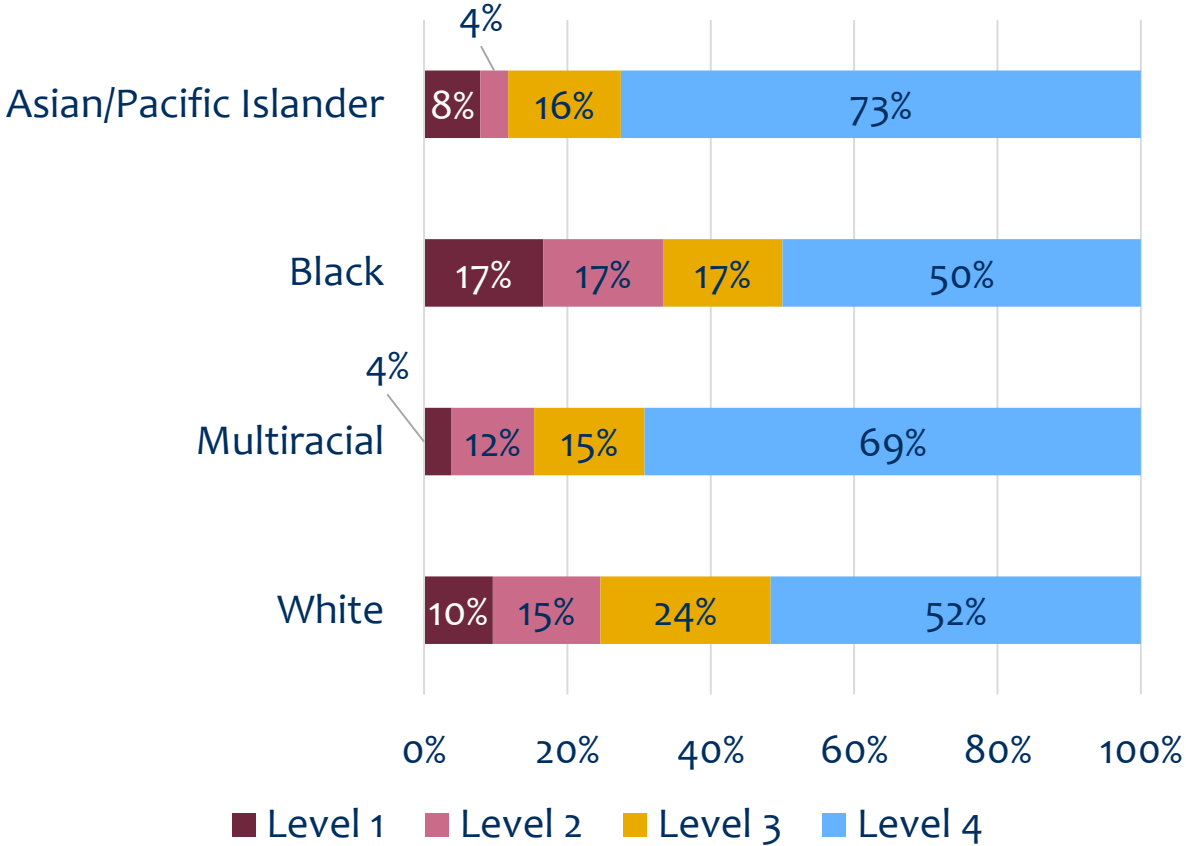


Grade 4 Math Performance by Ethnicity

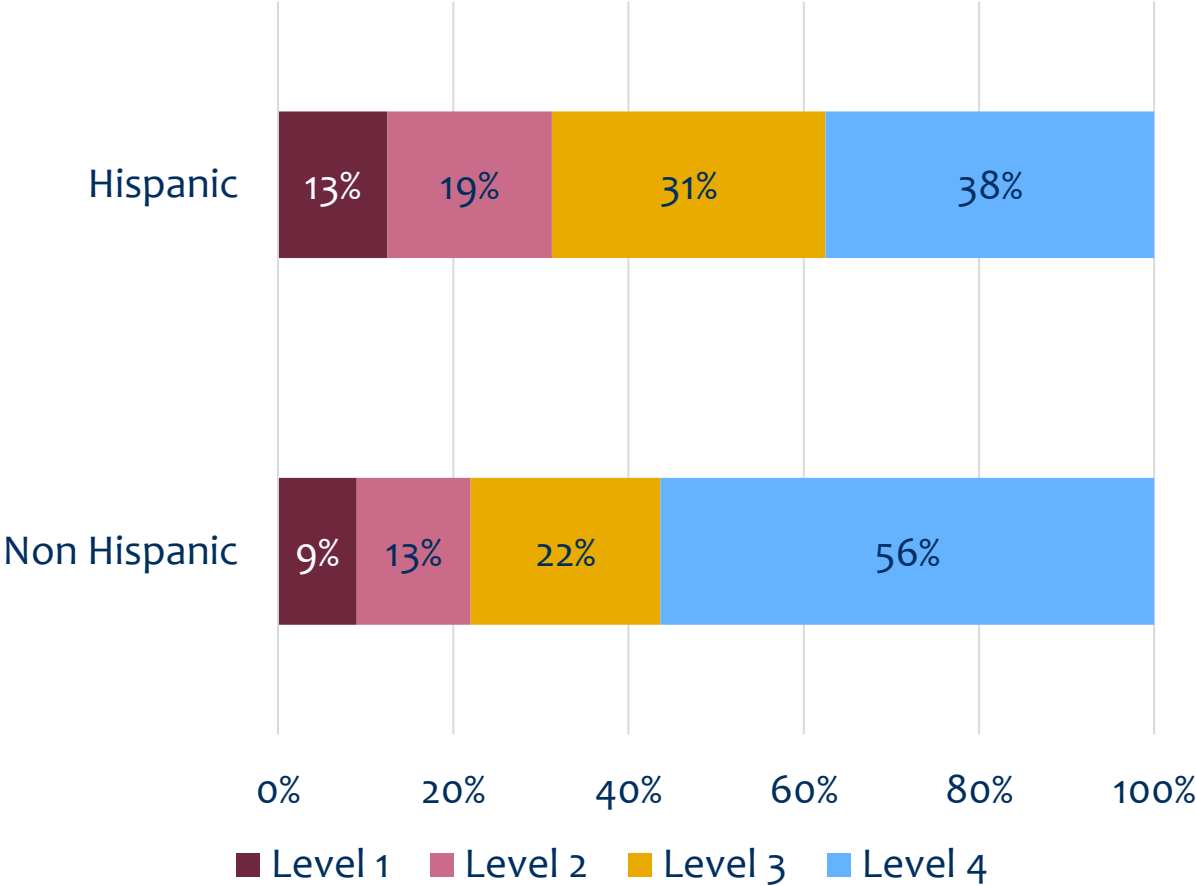


# Levels of Performance for 2021

Grade 5 Math Performance by PCSD's Four Largest Racial Groups

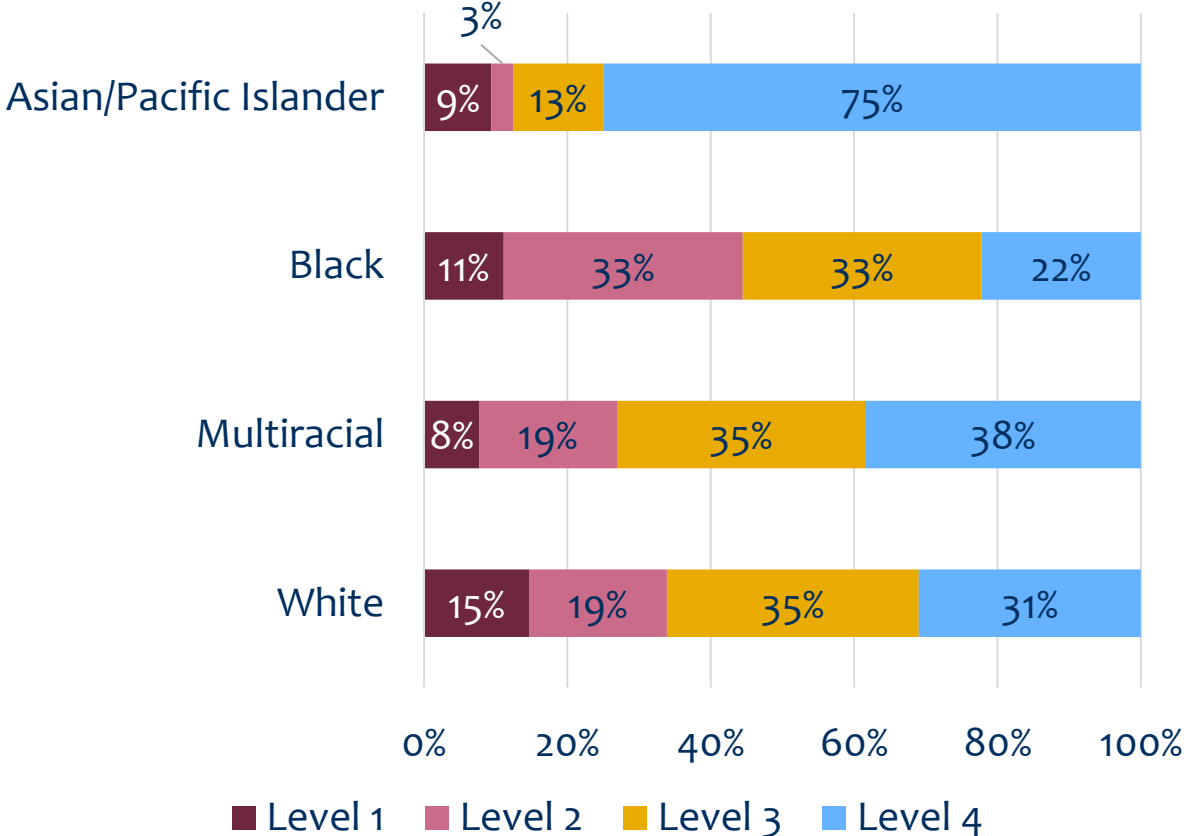


Grade 5 Math Performance by Ethnicity

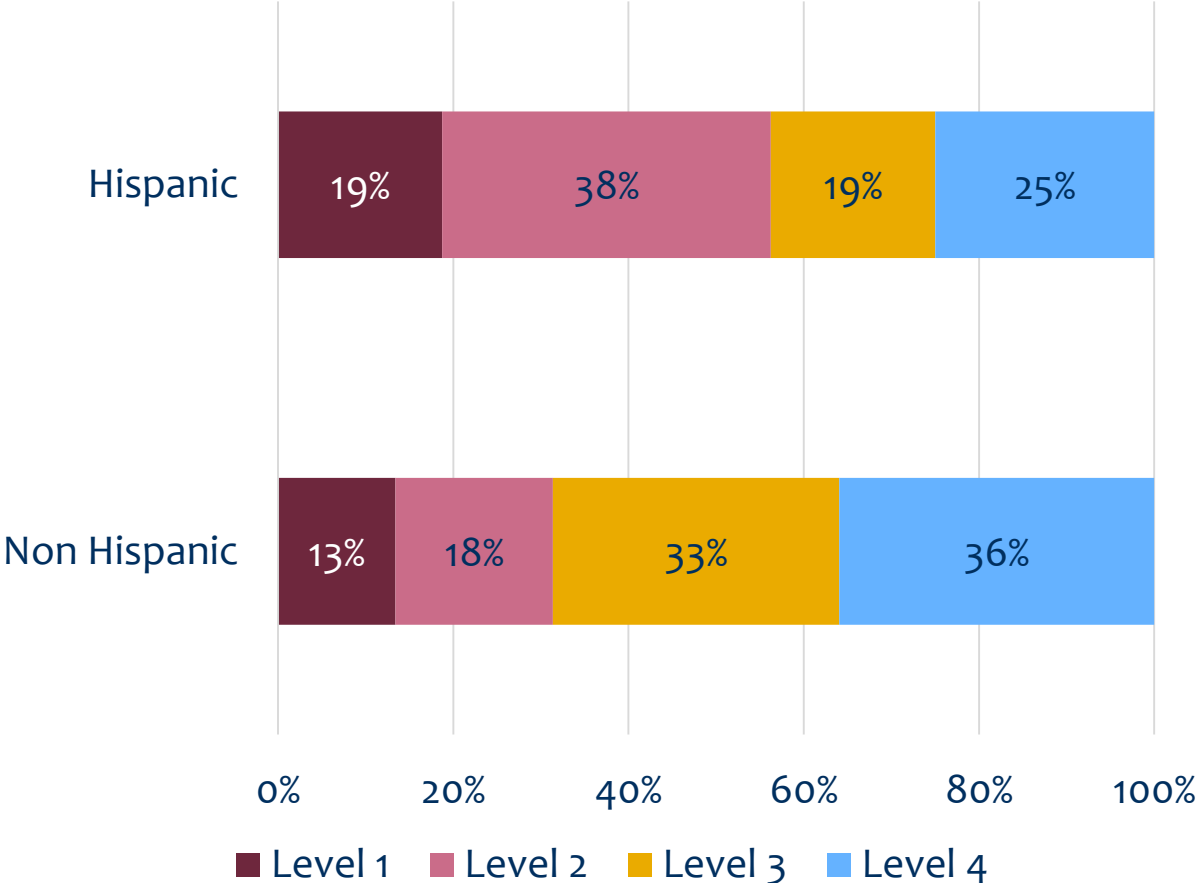


# Levels of Performance for 2021

Grade 6 Math Performance by PCSD's Four Largest Racial Groups

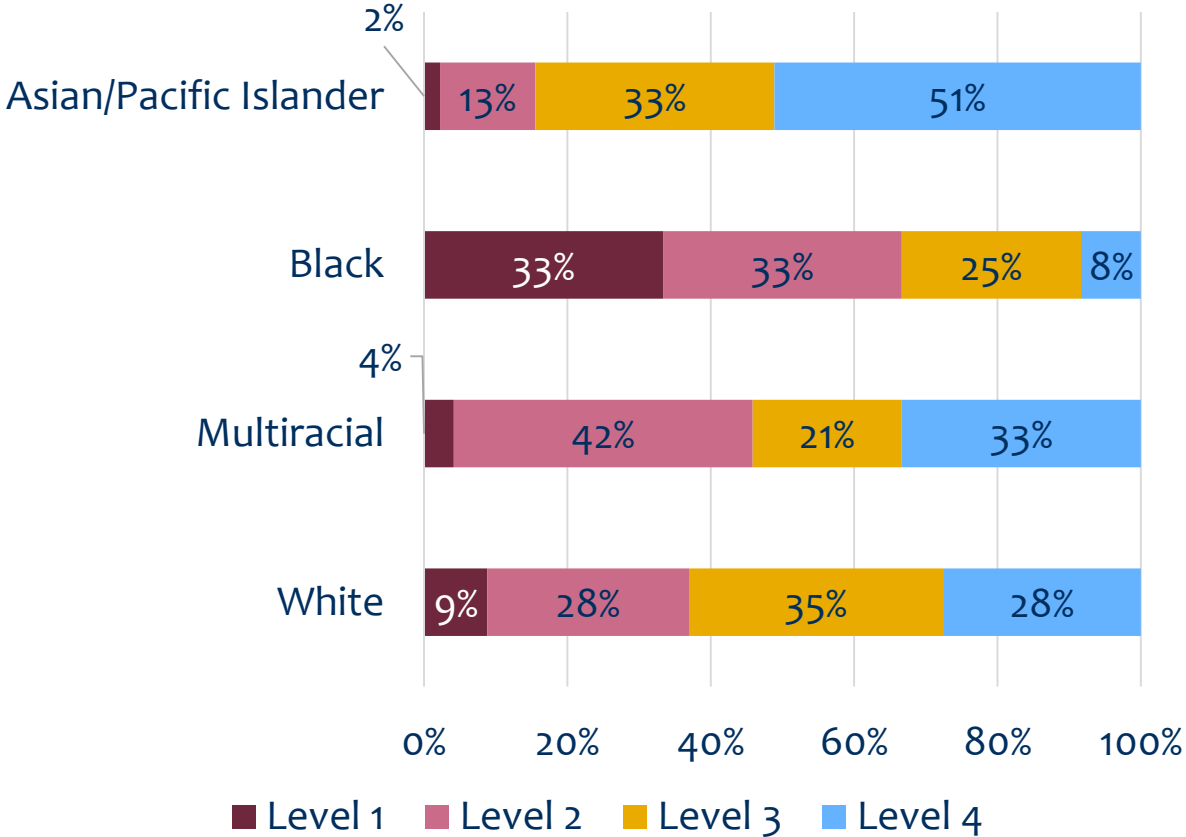


Grade 6 Math Performance by Ethnicity

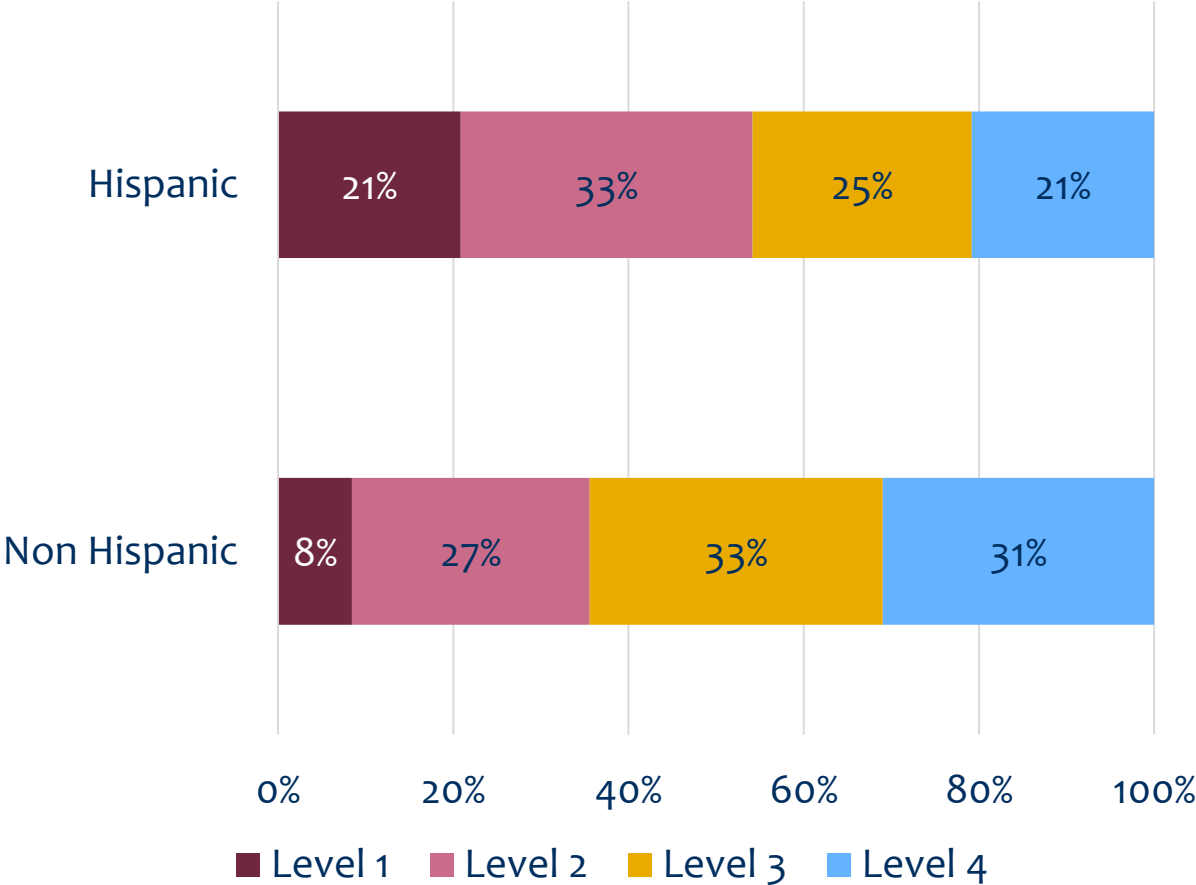


# Levels of Performance for 2021

### Grade 7 Math Performance by PCSD's Four Largest Racial Groups

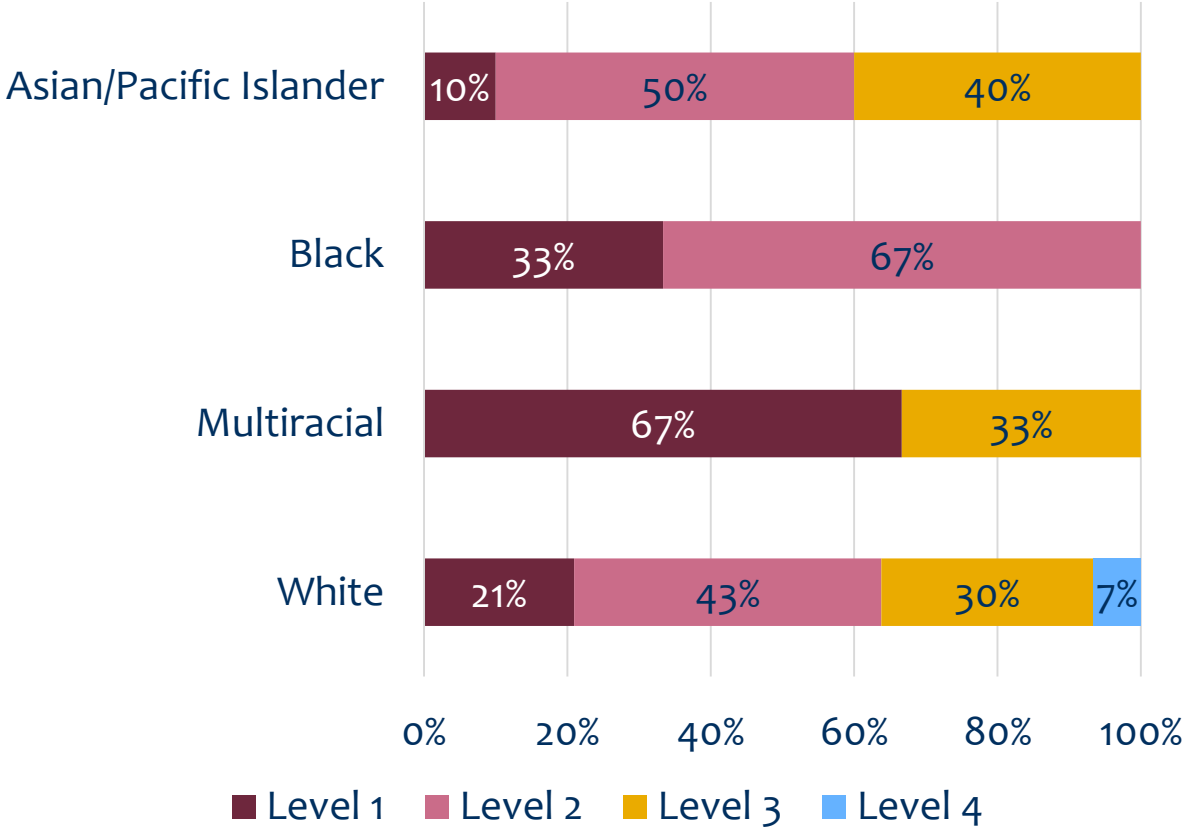


### Grade 7 Math Performance by Ethnicity

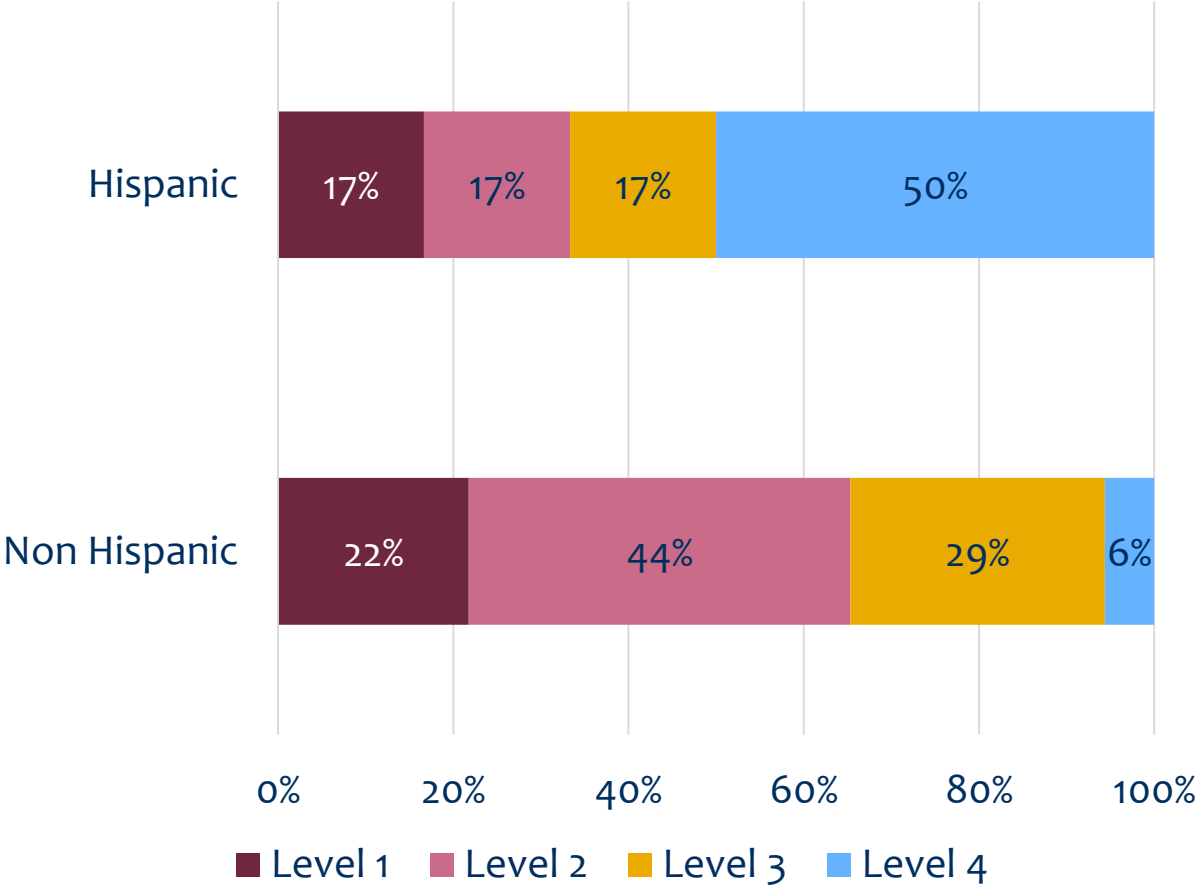


# Levels of Performance for 2021

### Grade 8 Math Performance by PCSD's Four Largest Racial Groups



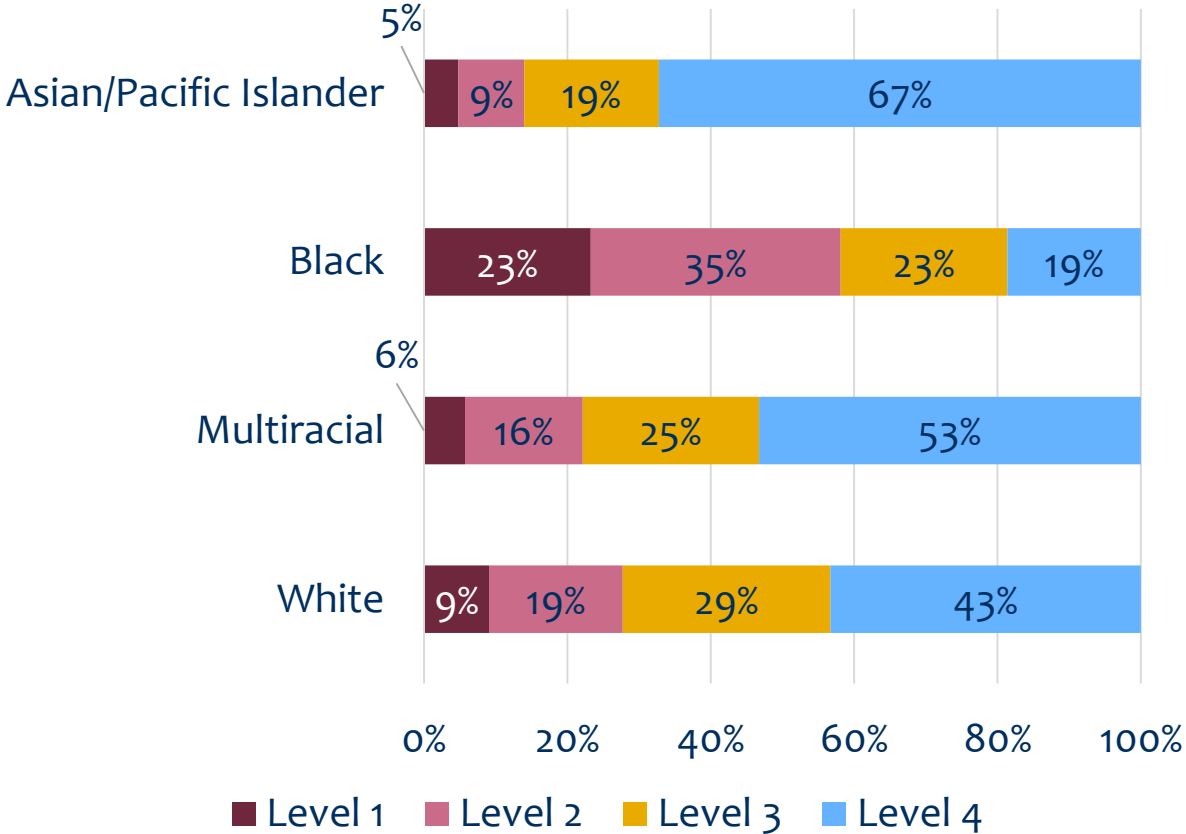
### Grade 8 Math Performance by Ethnicity



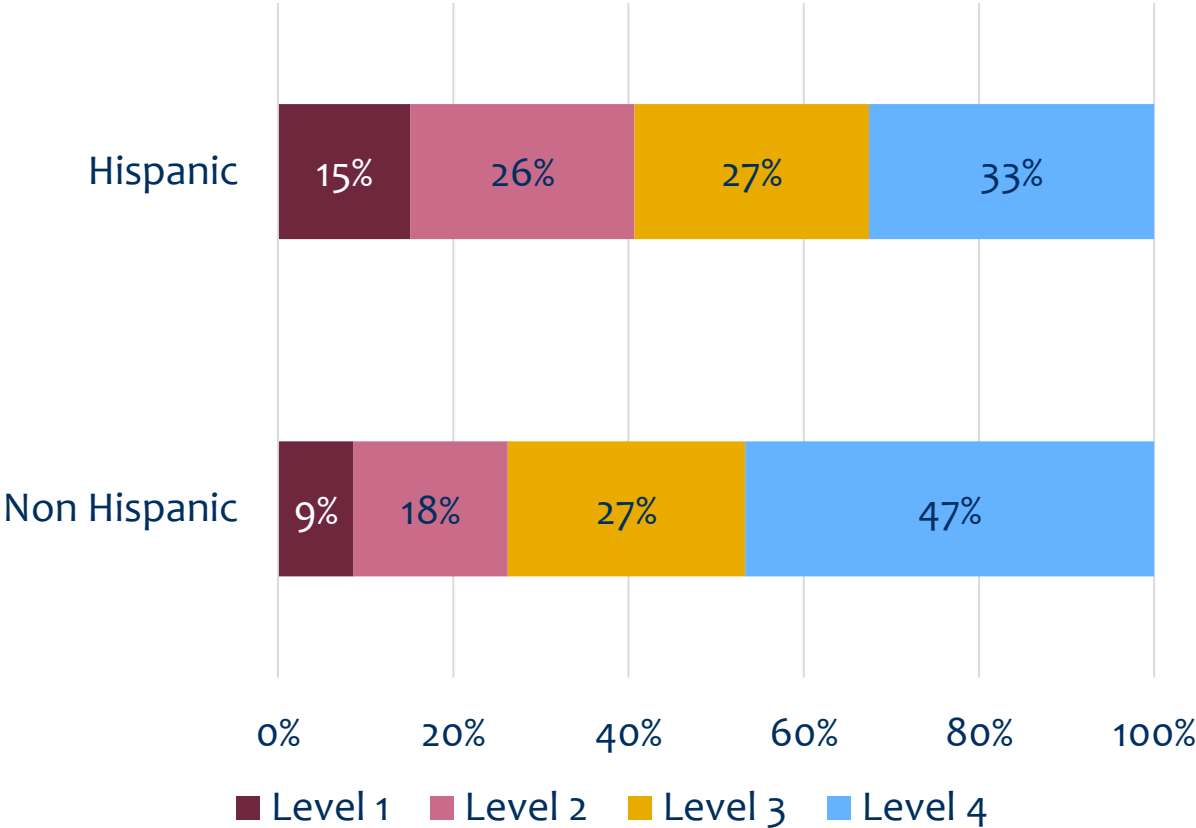


# Levels of Performance for 2021

Combined Grades 3-8 Math Performance by PCSD's Four Largest Racial Groups

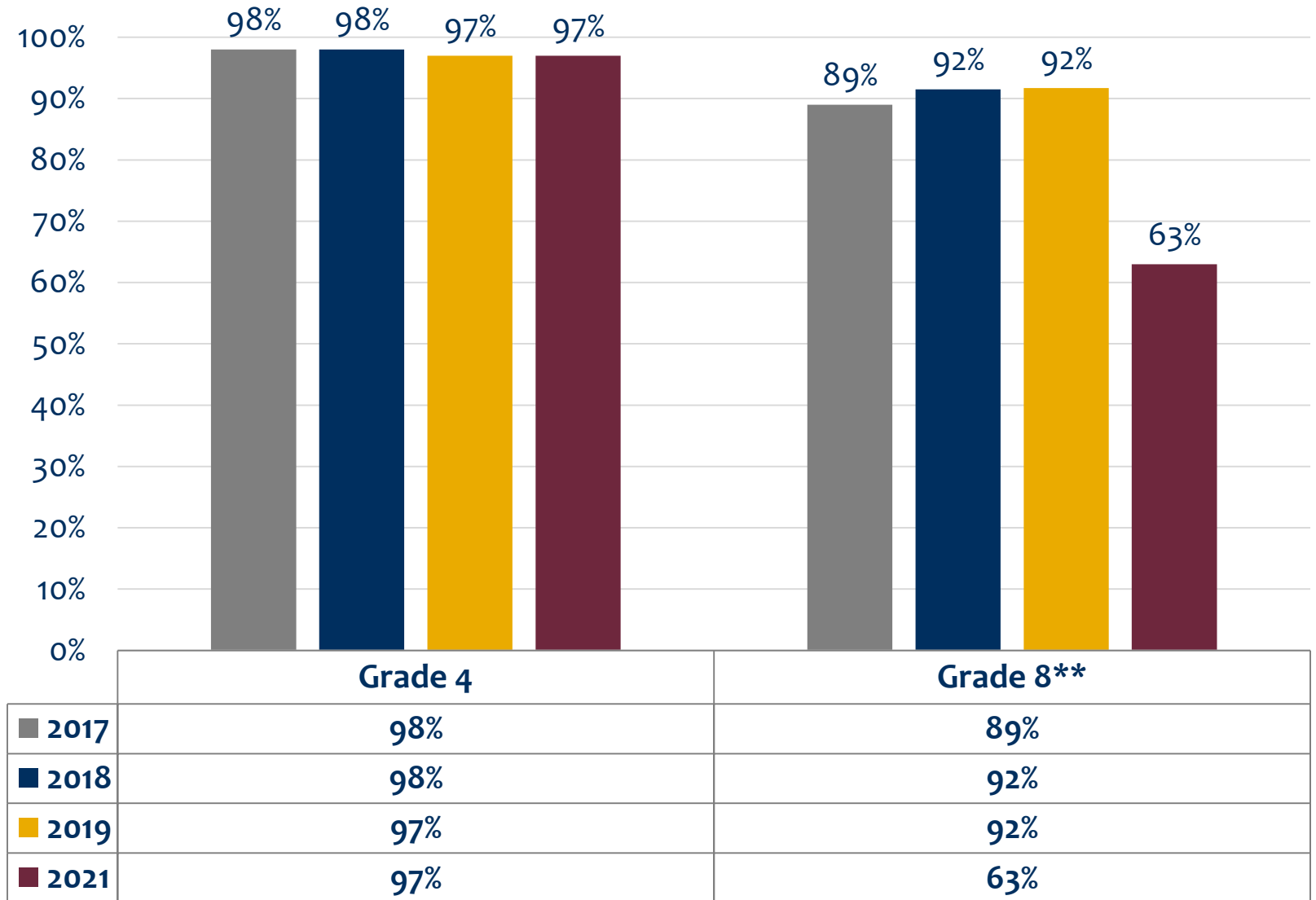


Combined Grades 3-8 Math Performance by Ethnicity



# PCSD Science Grades 4 & 8 Proficiency Comparison 2017-2021\*

\*keeping in mind  
concerns about drawing  
conclusions from  
longitudinal comparisons

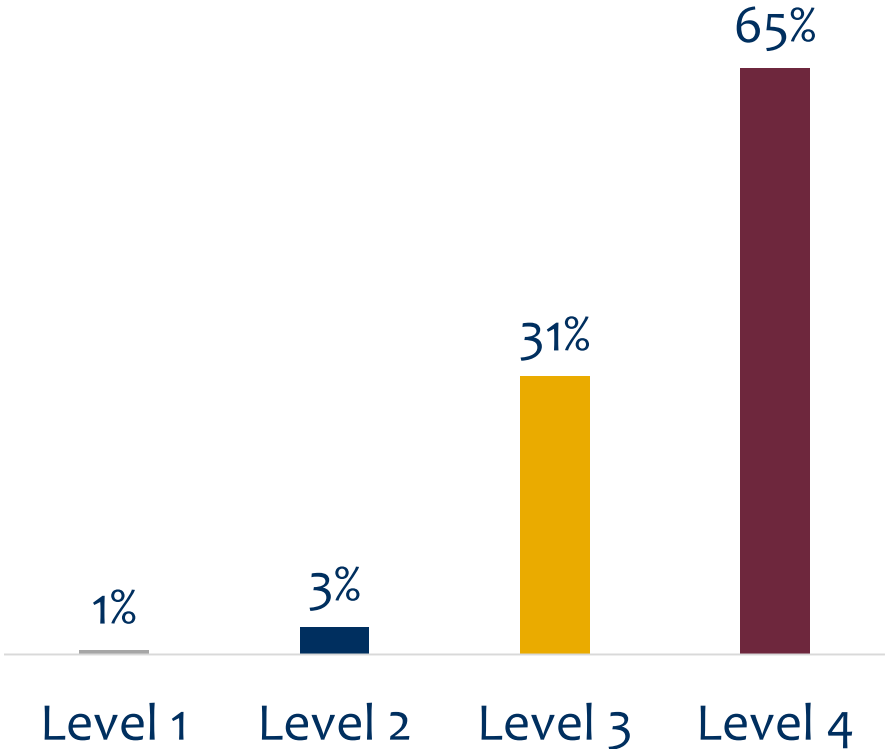


■ 2017 ■ 2018 ■ 2019 ■ 2021

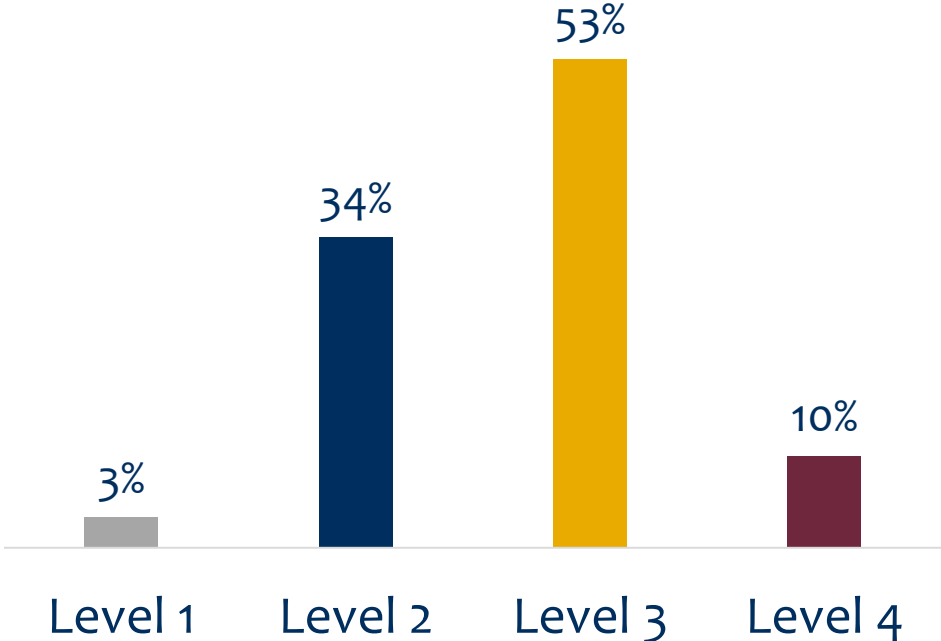
Due to COVID-19, there is no 3-8 Assessment data for the 2019-2020 school year.  
\*\*A NYSED Waiver exempted 8th Grade students enrolled in Earth Science from taking the NYS Science 8 Exam.

# Levels of Performance for 2021

## Grade 4 Science 96% Proficient or higher



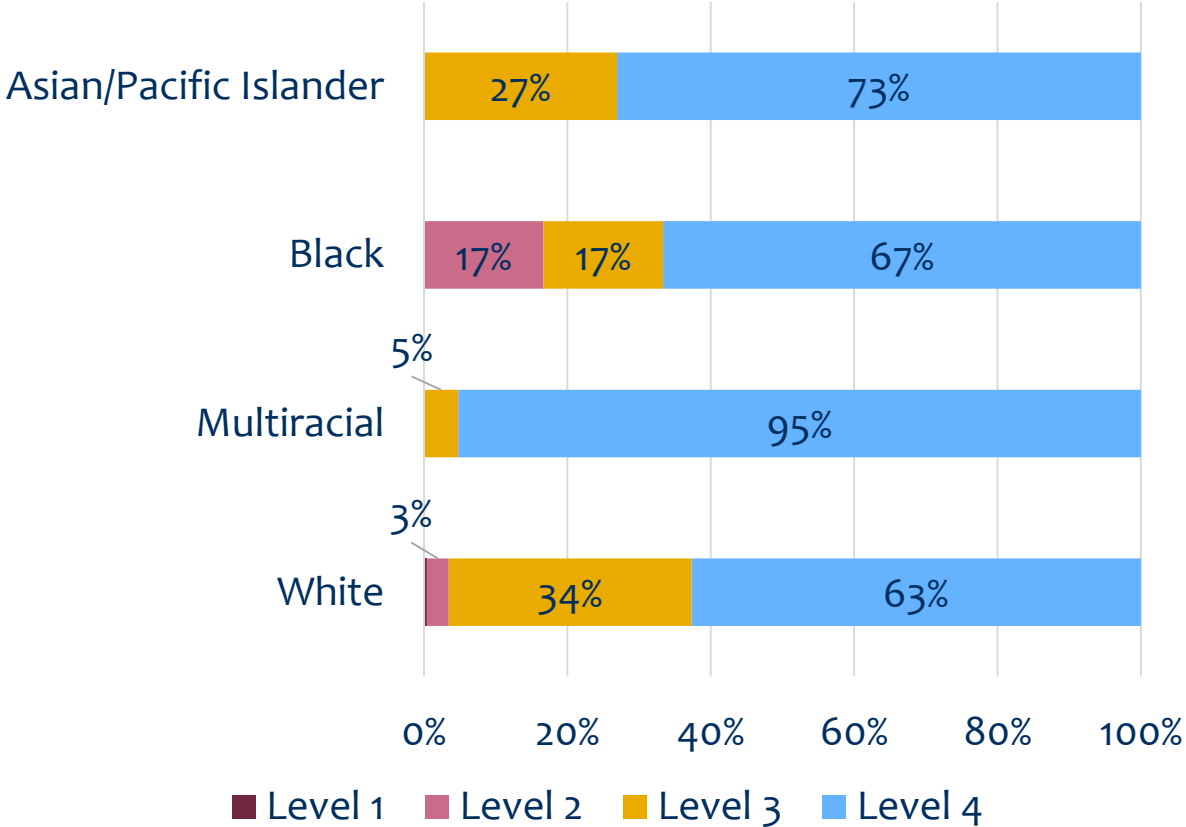
## Grade 8 Science 63% Proficient or higher



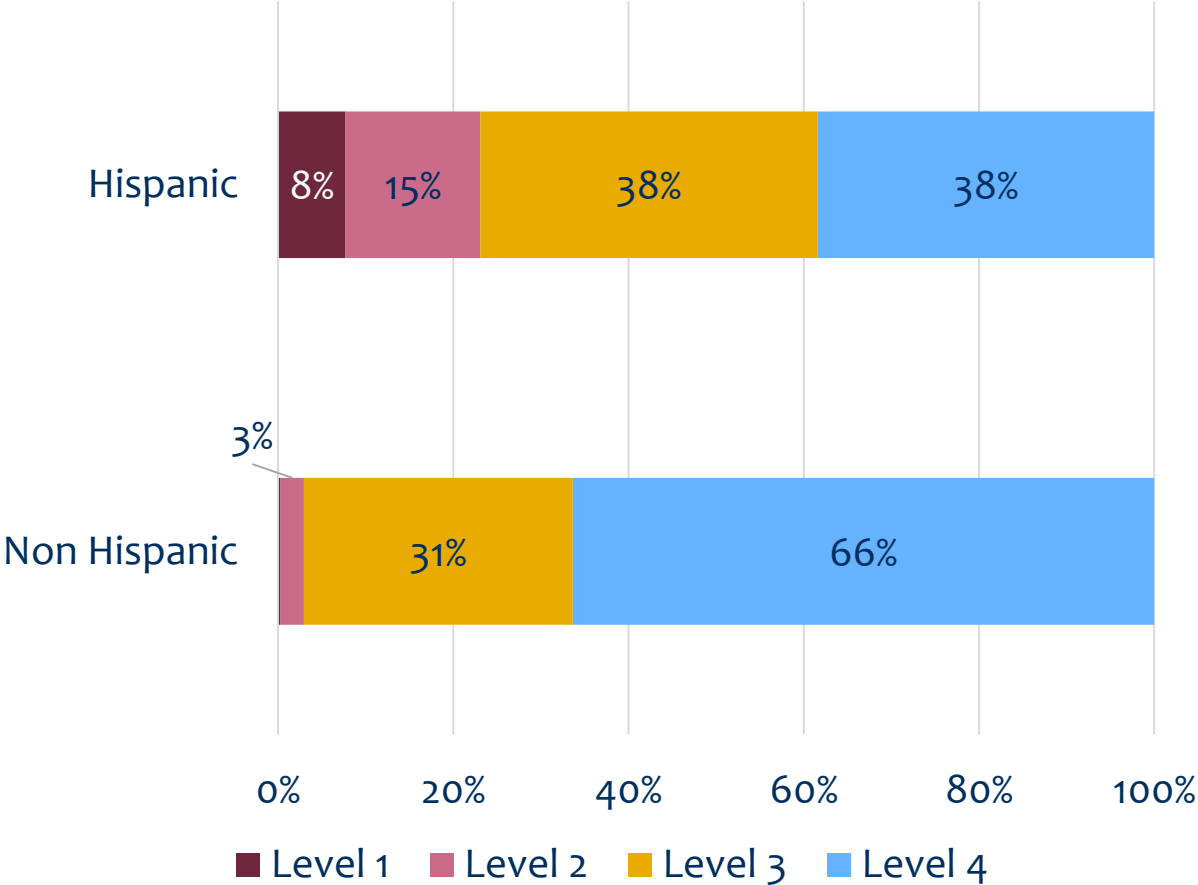
**\*Science 8 Assessment is NOT taken by 8<sup>th</sup> graders enrolled in Earth Science**

# Levels of Performance for 2021

### Grade 4 Science Performance by PCSD's Four Largest Racial Groups

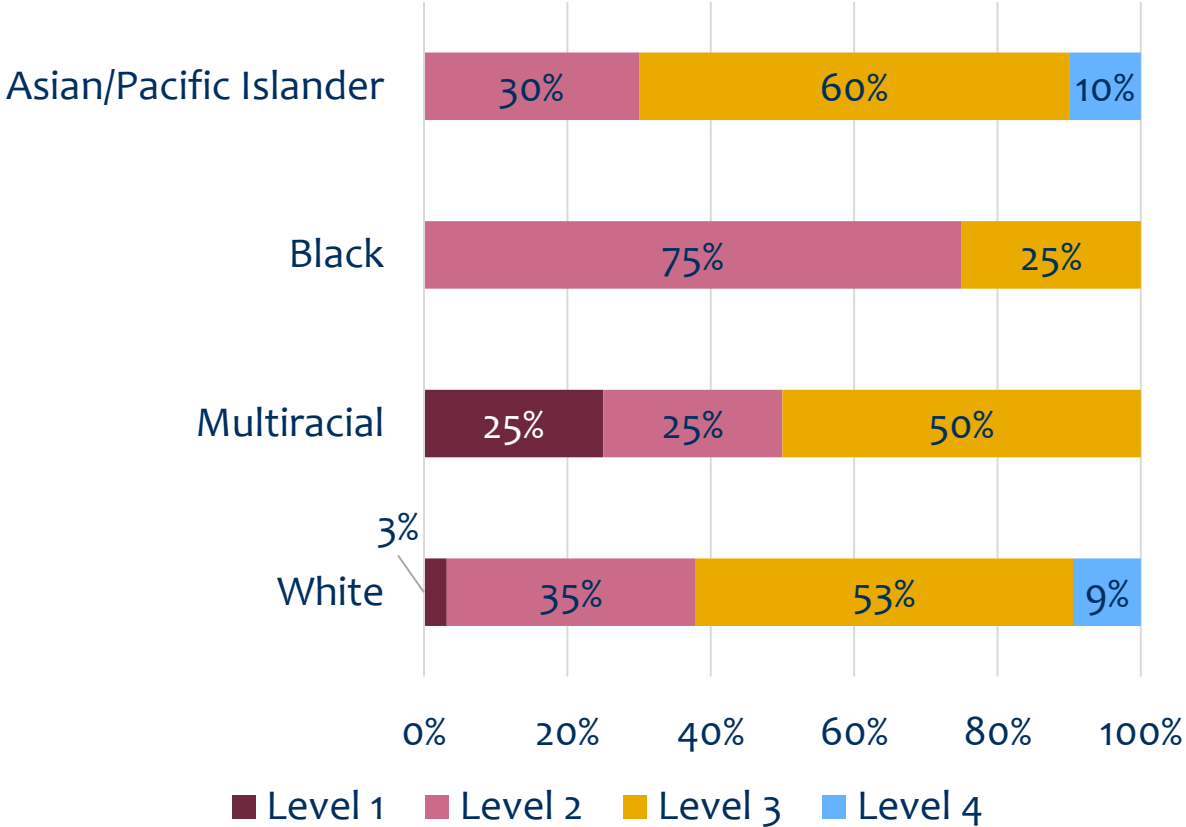


### Grade 4 Science Performance by Ethnicity

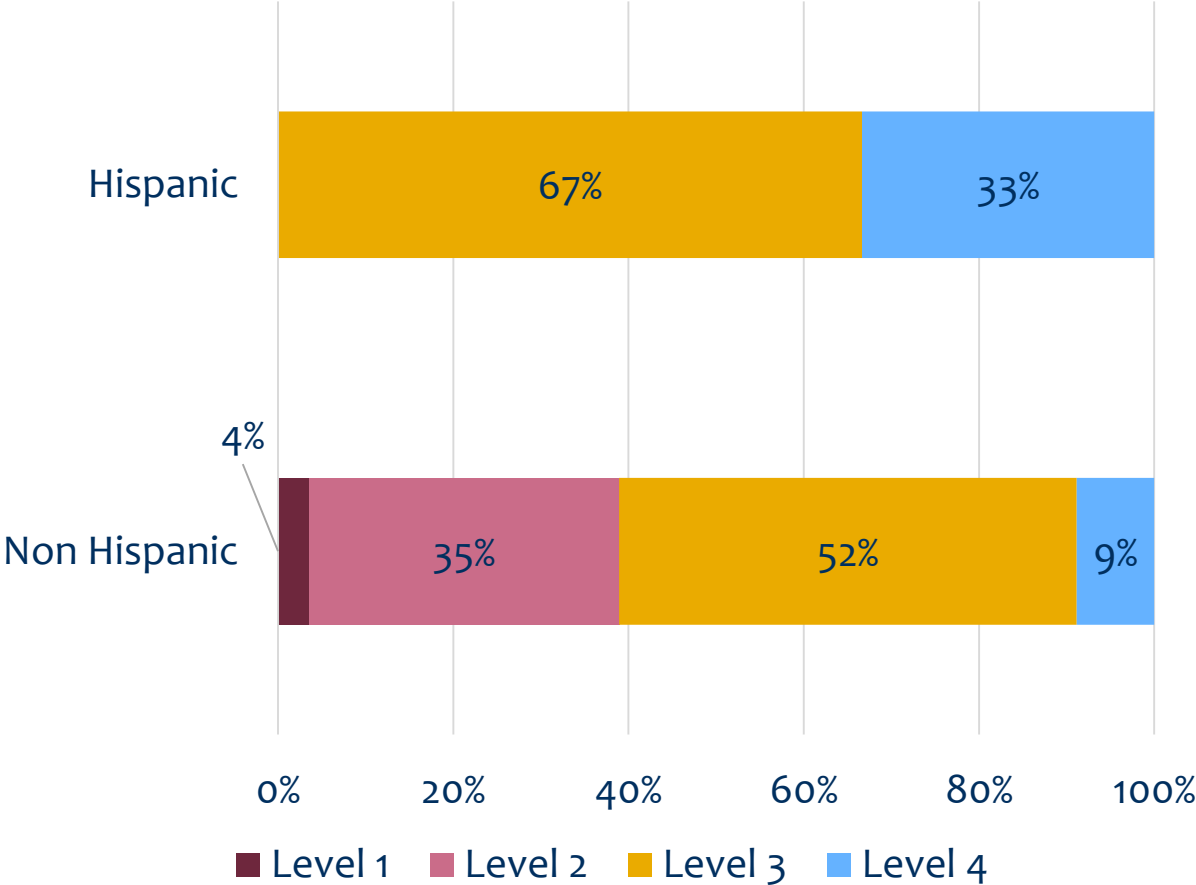


# Levels of Performance for 2021

### Grade 8 Science Performance by PCSD's Four Largest Racial Groups

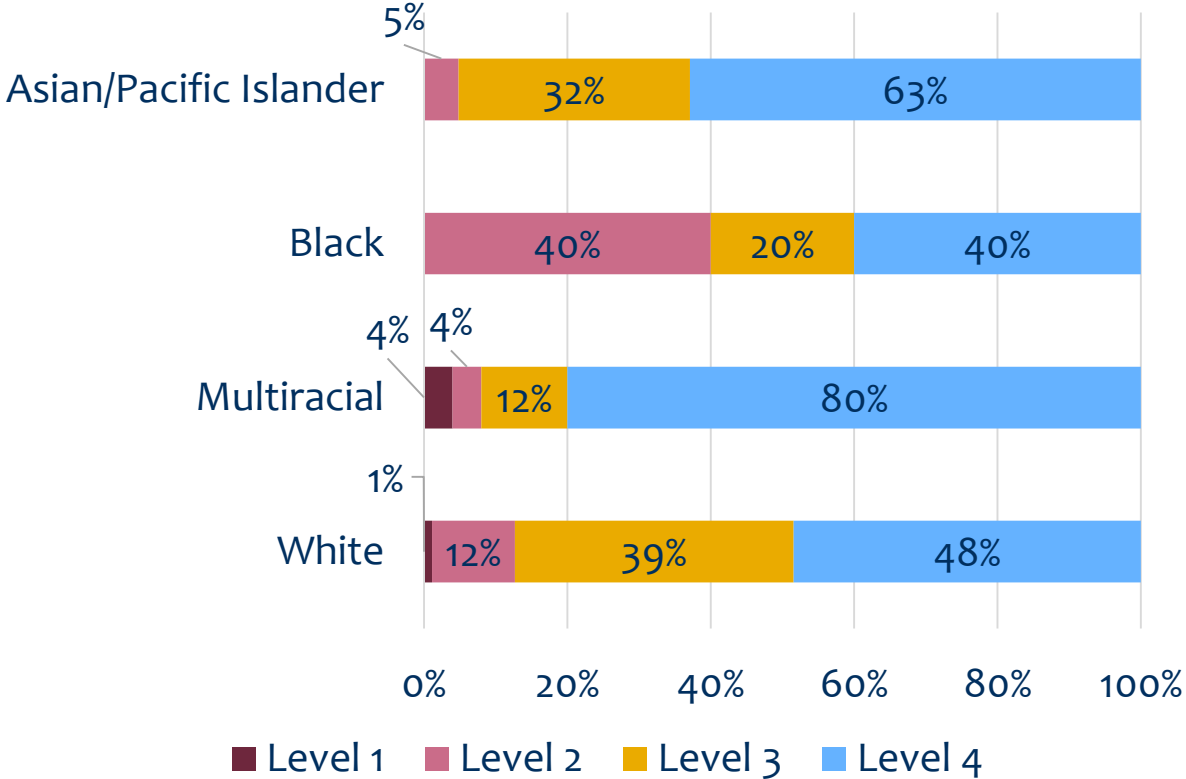


### Grade 8 Science Performance by Ethnicity

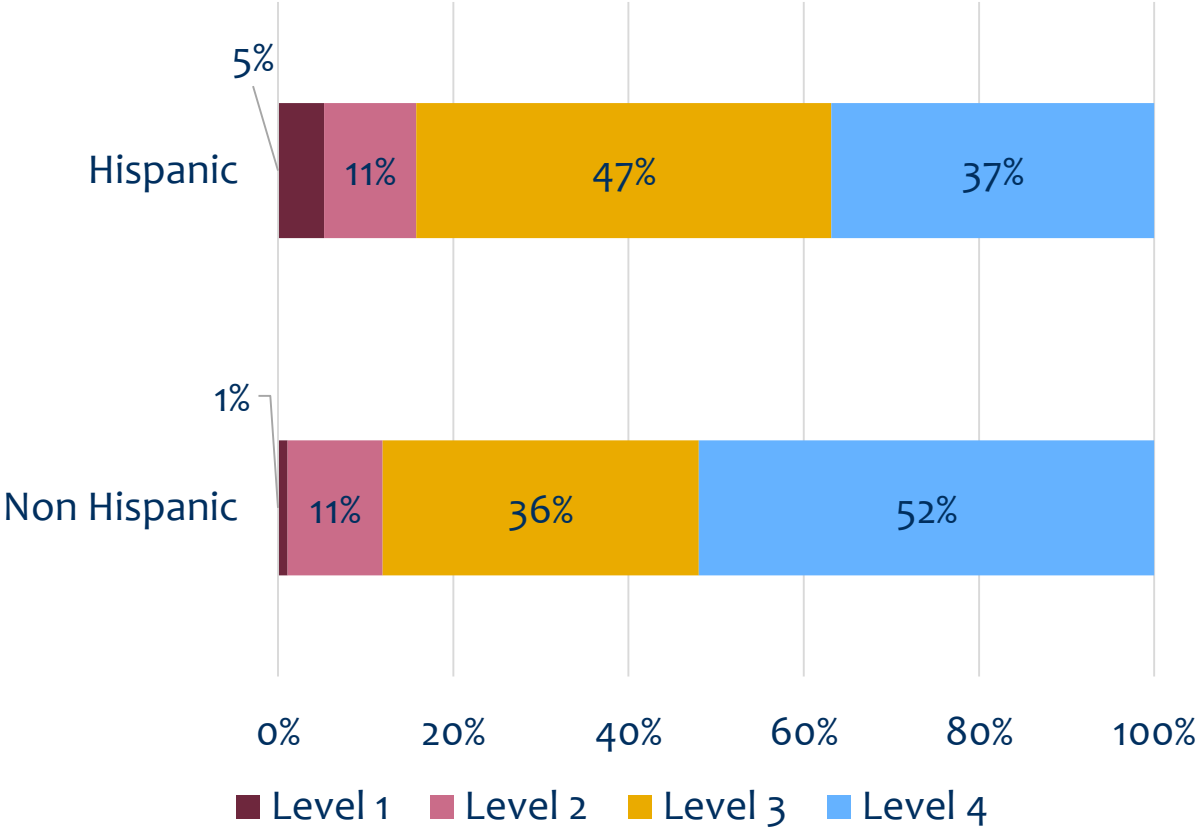


# Levels of Performance for 2021

Combined Grade 4 and Grade 8 Science Performance by PCSD's Four Largest Racial Groups



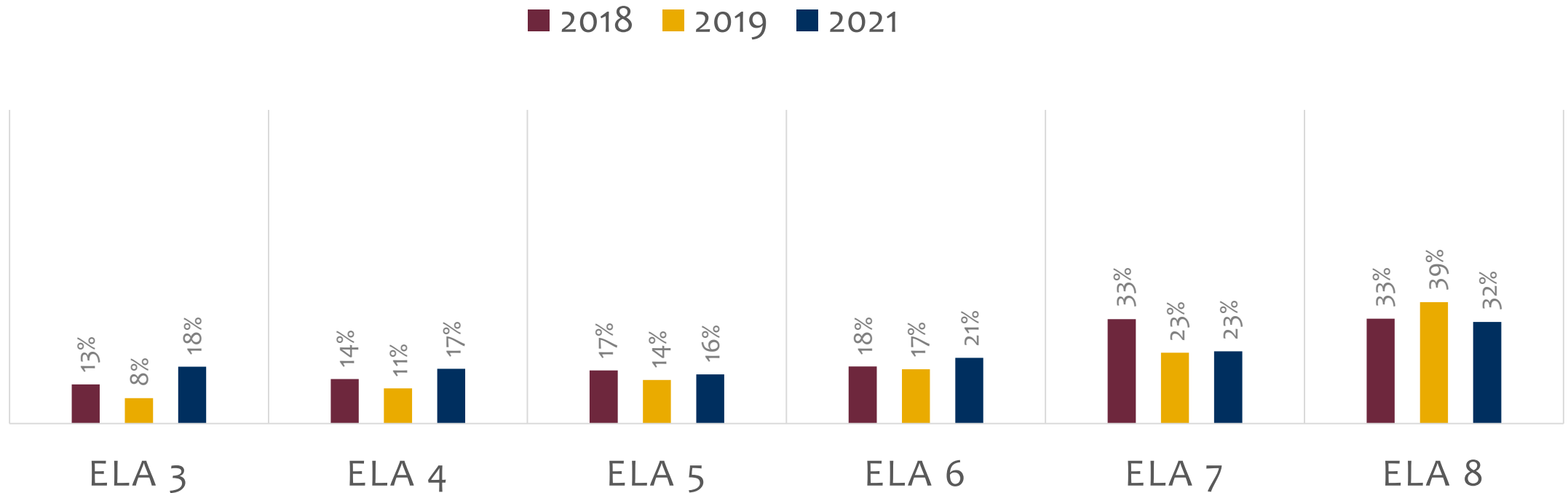
Combined Grade 4 and Grade 8 Science Performance by Ethnicity



# New York State ELA Assessment

## PCSD 3-8 Three-Year Refusal Rate Trend

### 2018-2021

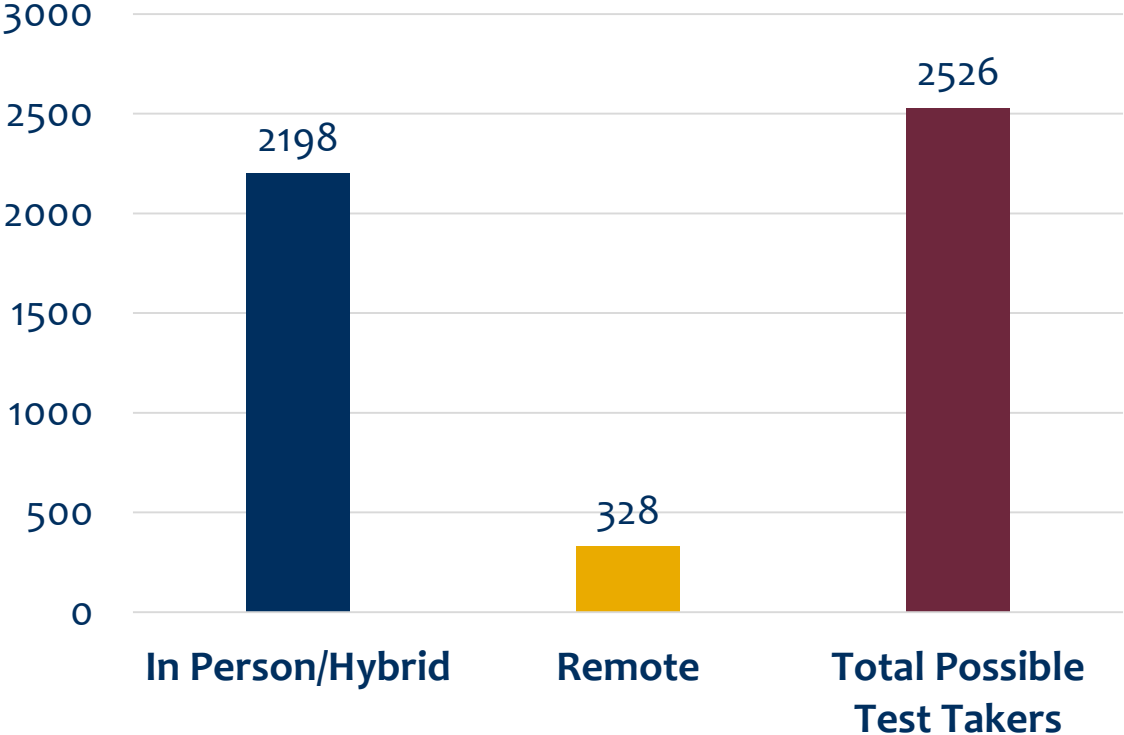


\*Due to COVID-19, there is no 3-8 Assessment data for the 2019-2020 school year.

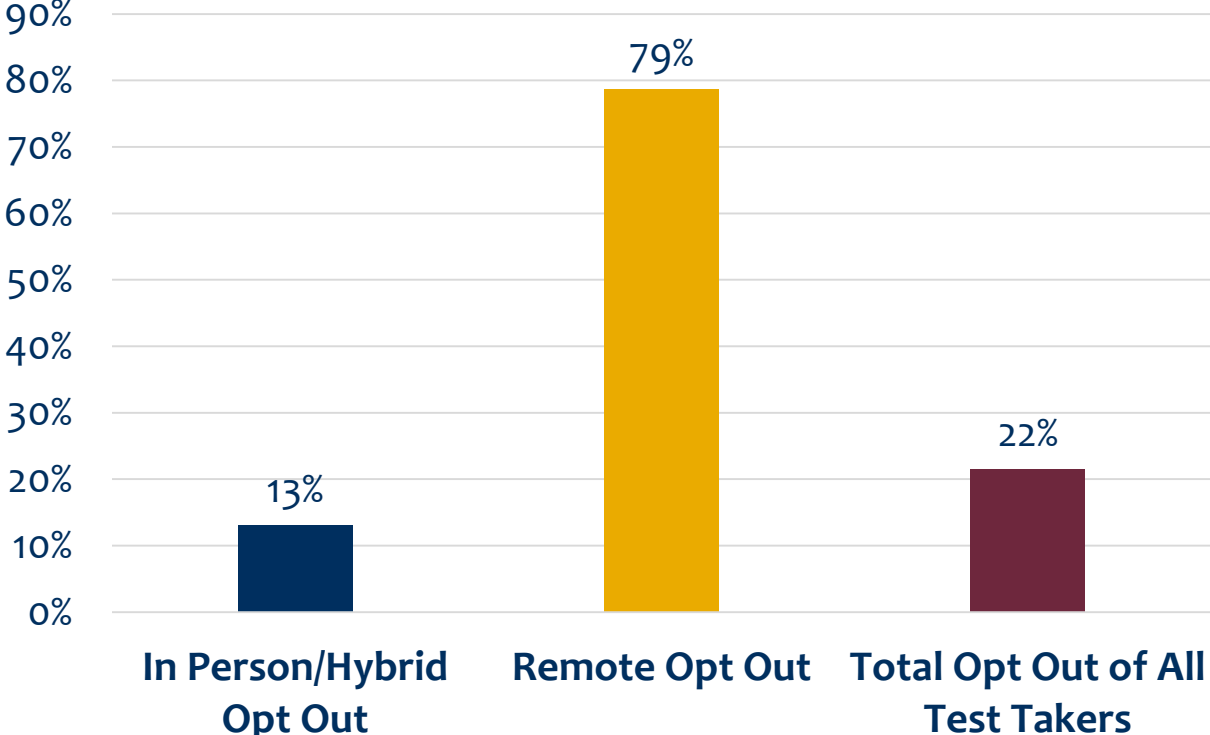
# New York State ELA Assessment

2021

ELA 3-8 Enrollment Numbers by Temporary Learning Model



ELA 3-8 Opt Out Percentages by Temporary Learning Model

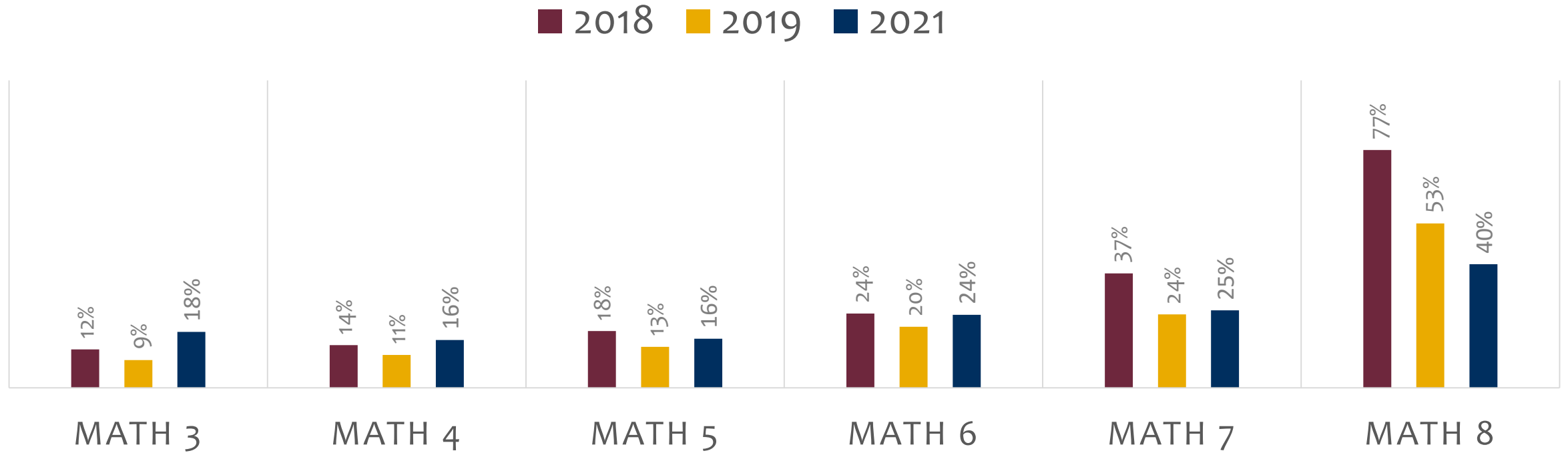




# New York State Math Assessment

## PCSD 3-8 Three-Year Refusal Rate Trend

### 2018-2021

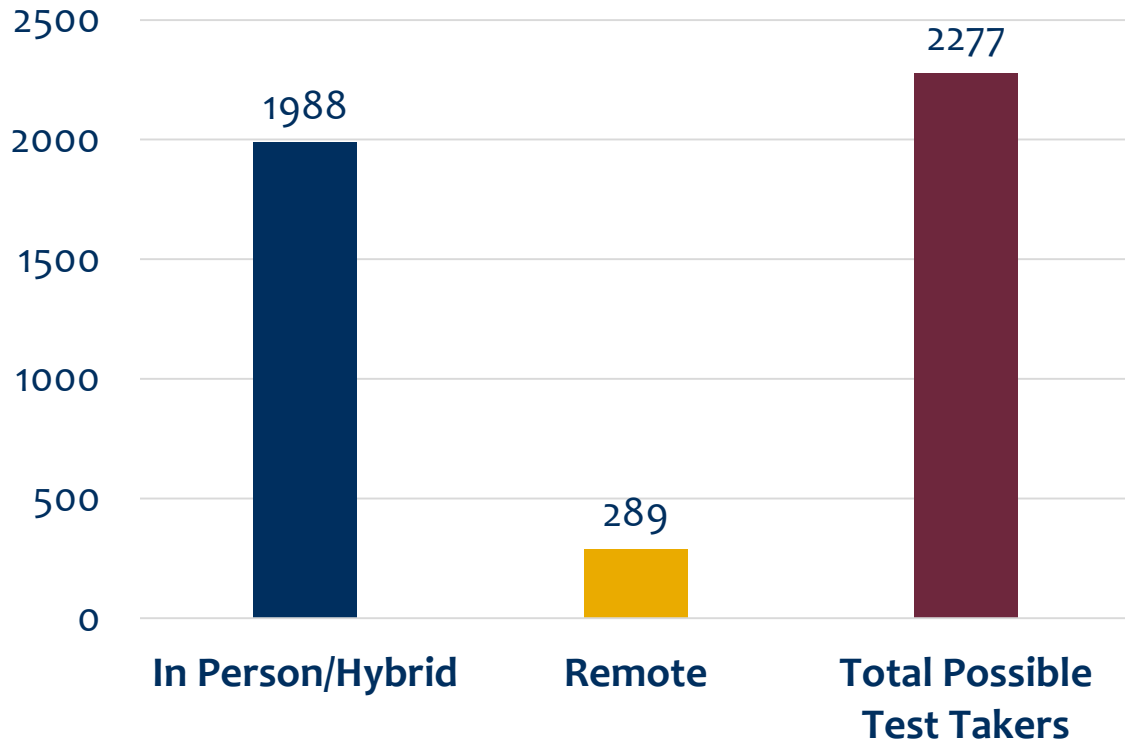


\*Due to COVID-19, there is no 3-8 Assessment data for the 2019-2020 school year.

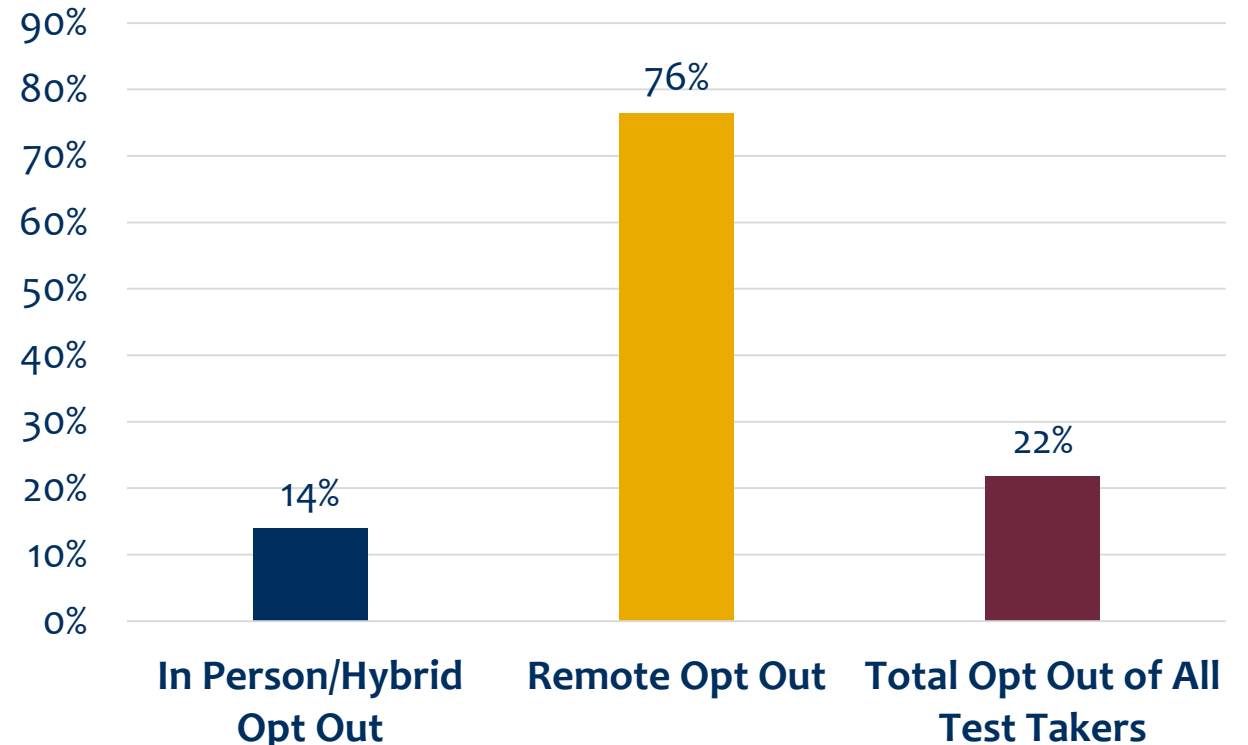
# New York State Math Assessment

**2021**

Math 3-8 Enrollment Numbers by Temporary Learning Model



Math 3-8 Opt Out Percentages by Temporary Learning Model

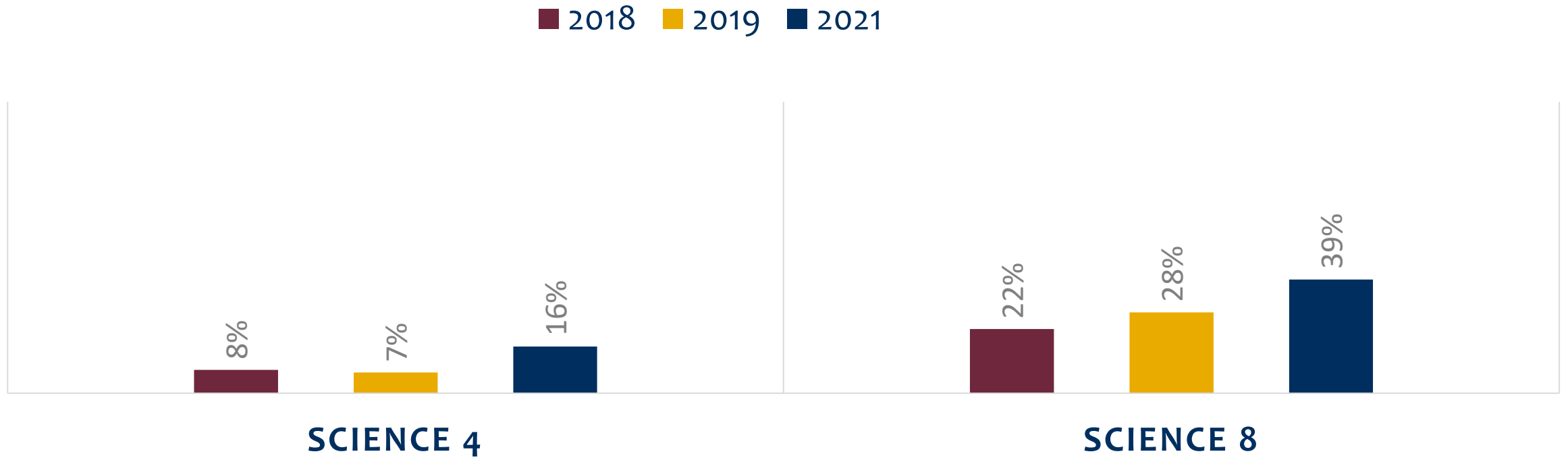


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# New York State Science Assessment

## PCSD 3-8 Three-Year Refusal Rate Trend

### 2018-2021



*\*Due to COVID-19, there is no 3-8 Assessment data for the 2019-2020 school year.*

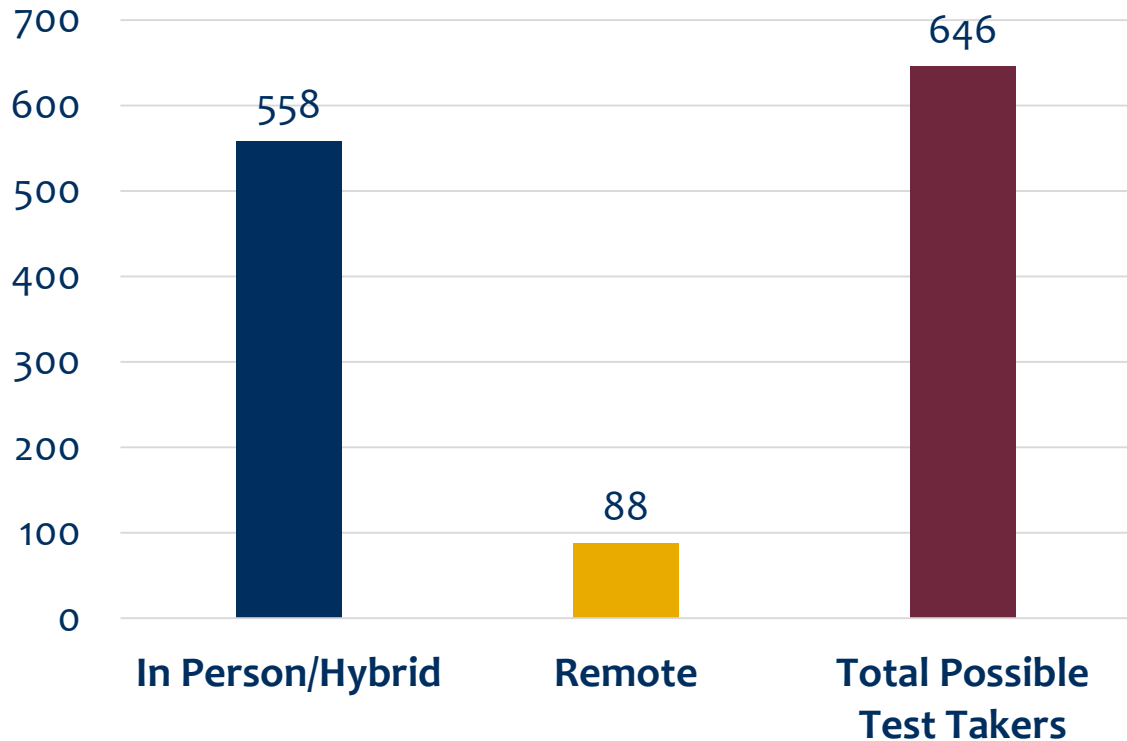


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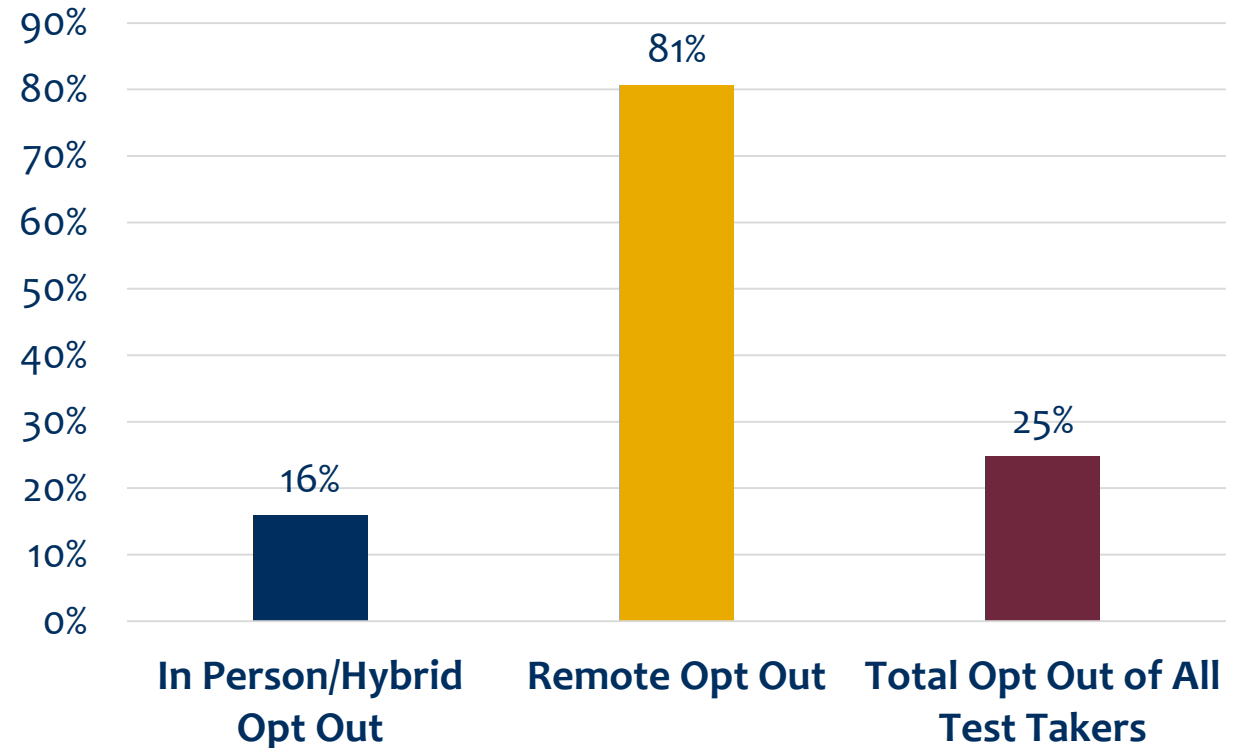
# New York State Science Assessment

2021

Science 4 & 8 Enrollment Numbers by Temporary Learning Model



Science 4 & 8 Out Out Percentages by Temporary Learning Model



# Outcomes in place and in process:

## Next Steps

Review performance of NCLB subgroups at district level –  
COT, PDLT, Standards Leaders

Triangulated data with other assessment measures to identify targeted areas for support

Provide targeted professional development

Use results to inform curriculum and assessment development



# Discussion