

# 2022 District Performance Results

## PSSA/PASA and Keystone Exams

Expect great things.



# PSSA/PASA Facts

- Public school students in Pennsylvania take annual state assessments each Spring\*.
  - Grades 3 through 8: Math and English Language Arts
  - Grades 4 and 8: Science
- Most students take PSSA exams, while students with severe cognitive disabilities take PASA exams. (This represents about 3.1% of tested students in our district.)
- As a reminder, no exams were given in 2020 due to the Covid-19 pandemic.

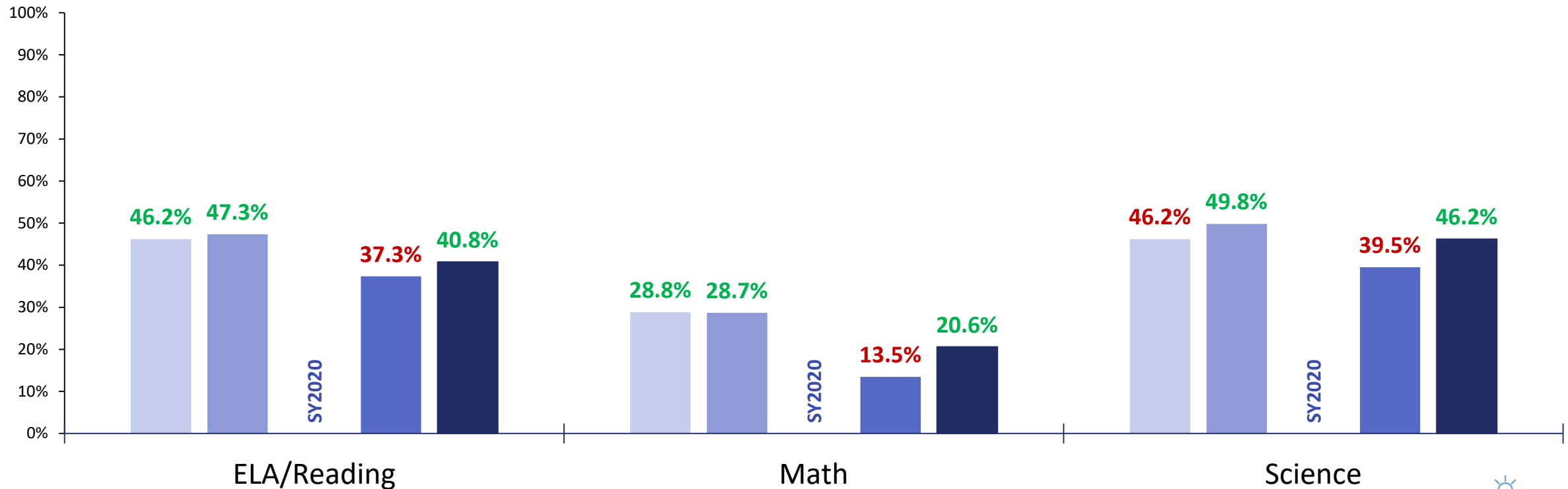
*\*The 2021 one exams were given in the FALL of 2021, not the spring*

- *This means that for example, a student that was a seventh grader in the spring of 2021 took their 7<sup>th</sup> grade exam in the fall of 2021 when they started 8<sup>th</sup> grade*

# Across all subjects, PSSA/PASA proficiency rates have rebounded from SY2021, but are still lower than SY2019 rates

## District Accountability - Percent of Proficient and Advanced Students PSSA/PASA: Grades 3 to 8 Combined

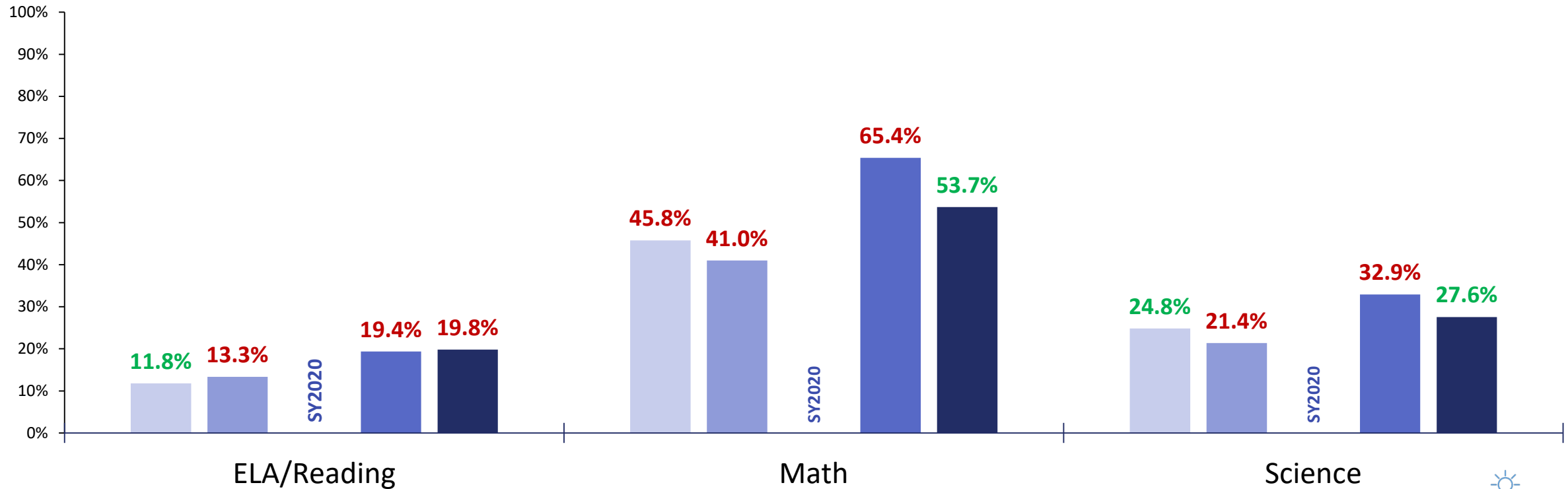
2018 2019 2021 2022



The percent of students scoring below basic in Math and science has decreased since SY2021 while ELA/Reading has stayed mostly the same. The percent of students scoring below basic is still not as low as pre-pandemic levels.

### District Accountability - Percent of Below Basic Students PSSA/PASA: Grades 3 to 8 Combined

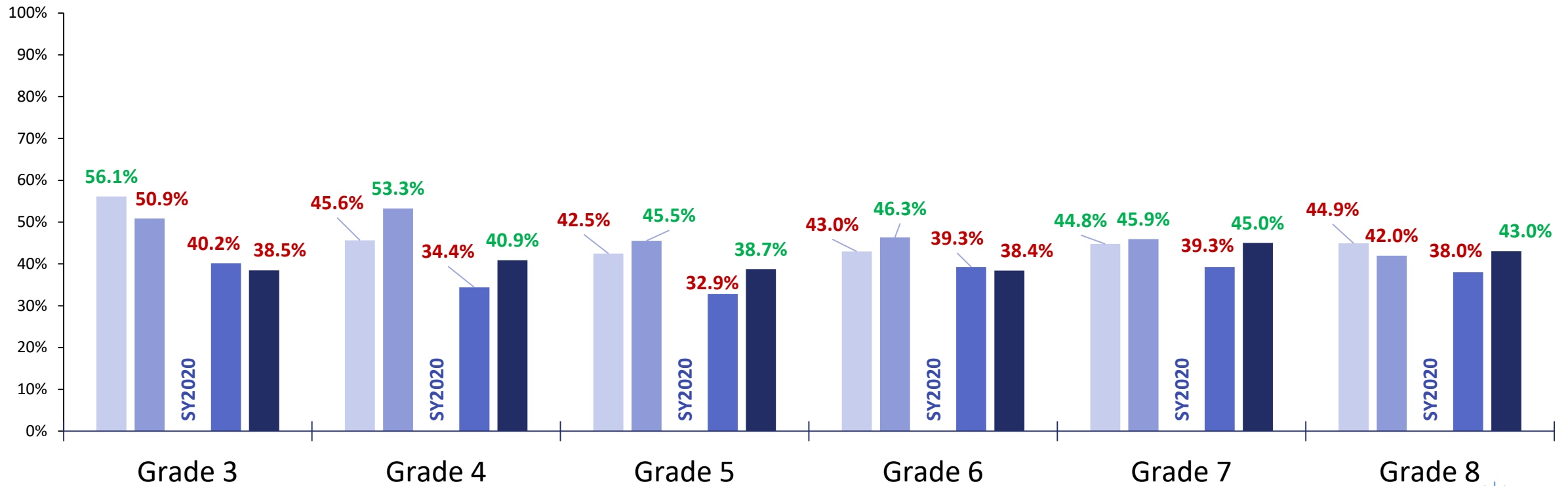
2018 2019 2021 2022



# English Language Arts By Grade: While only grades 3 and 8 had decreased ELA/Reading proficiency rates from SY2021, only 8<sup>th</sup> grade has surpassed SY2019 rates.

District Accountability - Percent of Proficient and Advanced Students  
PSSA/PASA: Grades 3 to 8 ELA/Reading

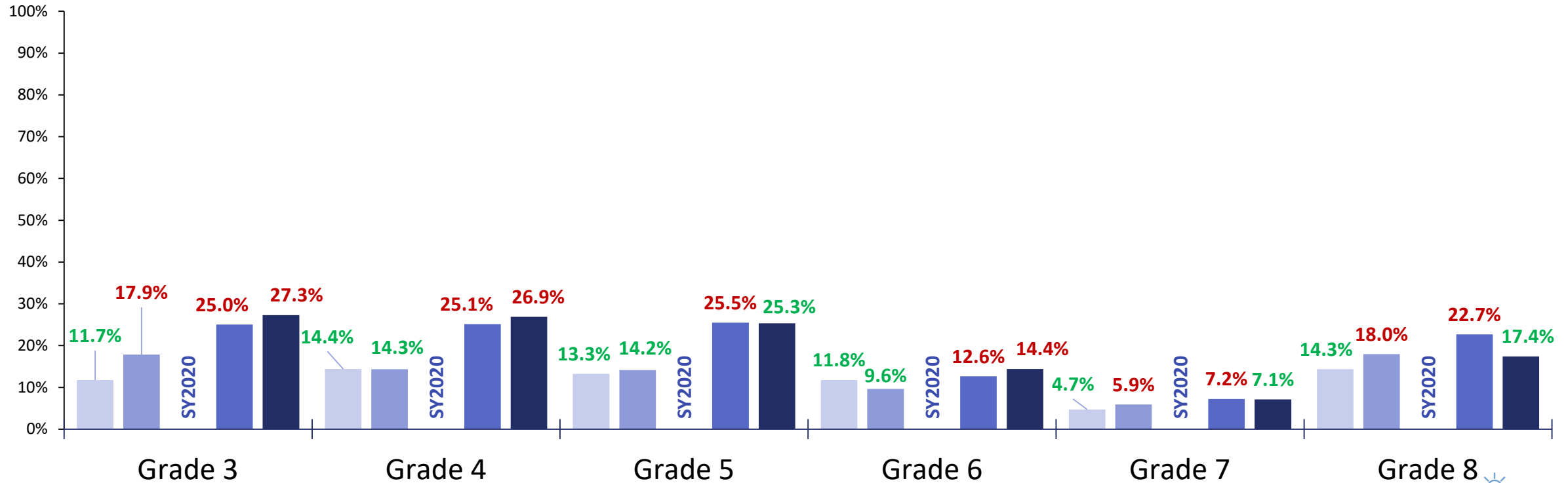
2018 2019 2021 2022



# English Language Arts By Grade: The percentage of students scoring in the lowest performance category, Below Basic, decreased the most amongst 8<sup>th</sup> grade students

## District Accountability - Percent of Students Scoring Below Basic PSSA/PASA: Grades 3 to 8 ELA/Reading

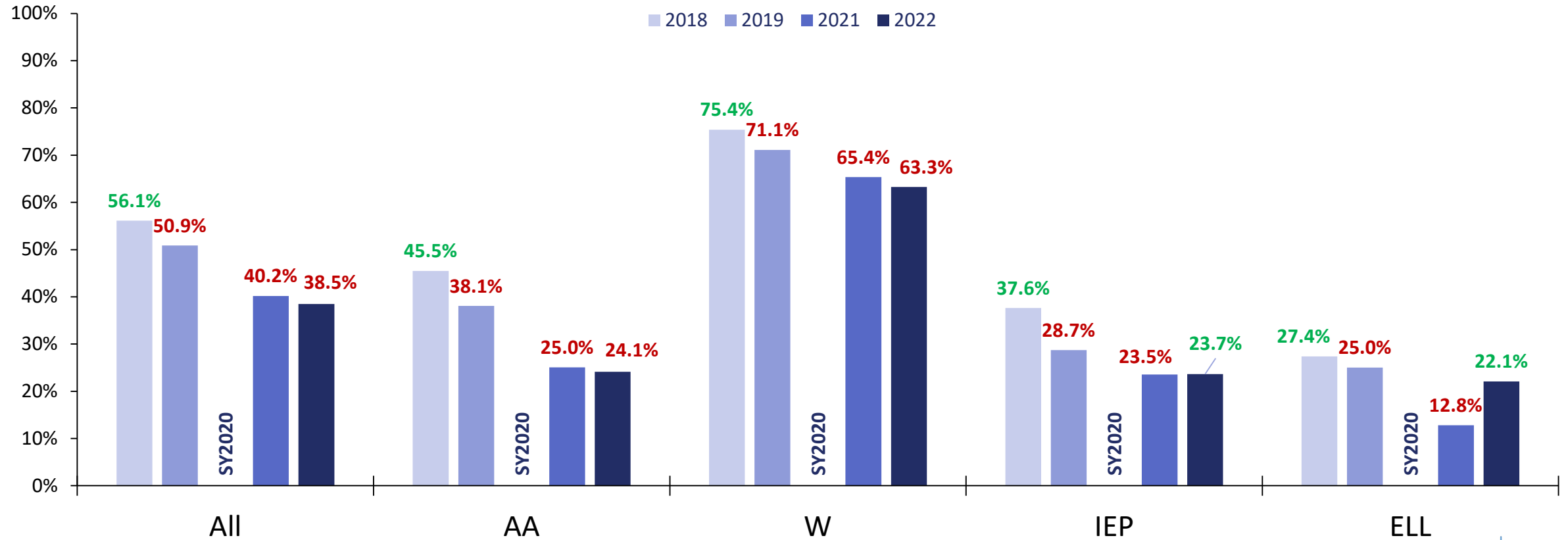
■ 2018 ■ 2019 ■ 2021 ■ 2022





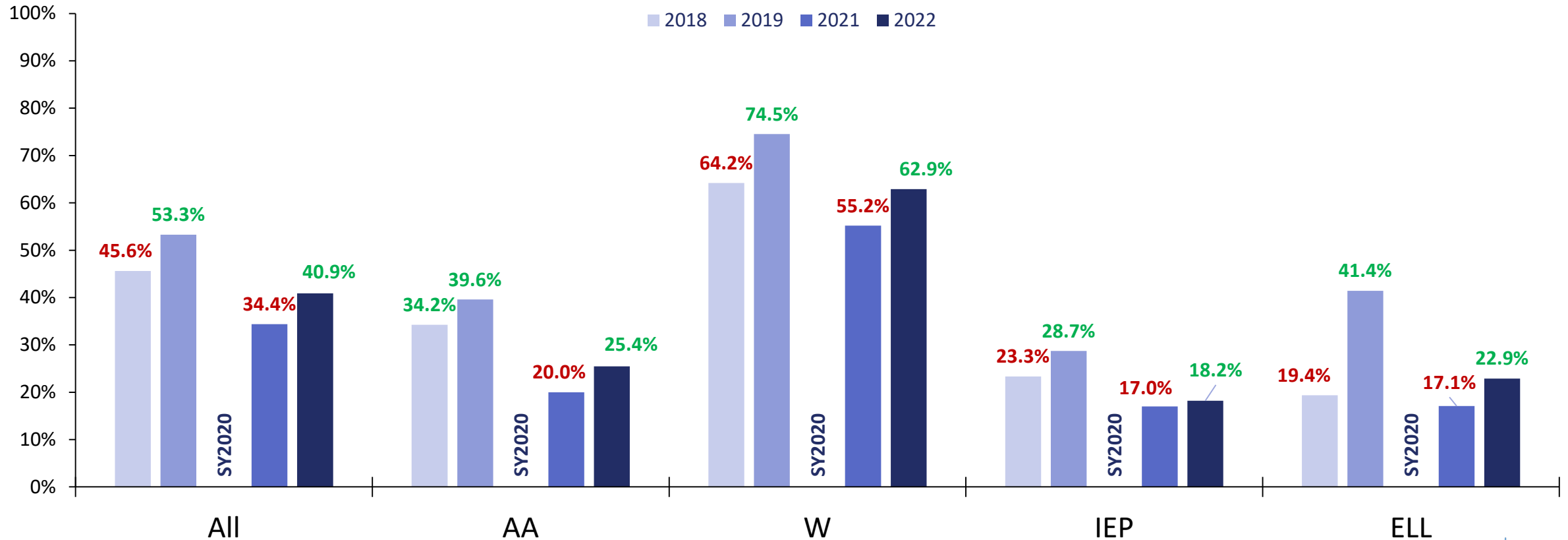
# Grade 3 English Language Arts by Race, IEP And ELL Subgroups: ~Most subgroups have shown gains compared with SY2021 (as shown in red/green percentages), but none have surpassed their respective rates from SY2019.

**District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - English Language Arts/Reading: Grade 3**



# Grade 4 English Language Arts by Race, IEP And ELL Subgroups: ~Most subgroups have shown gains compared with SY2021 (as shown in red/green percentages), but none have surpassed their respective rates from SY2019.

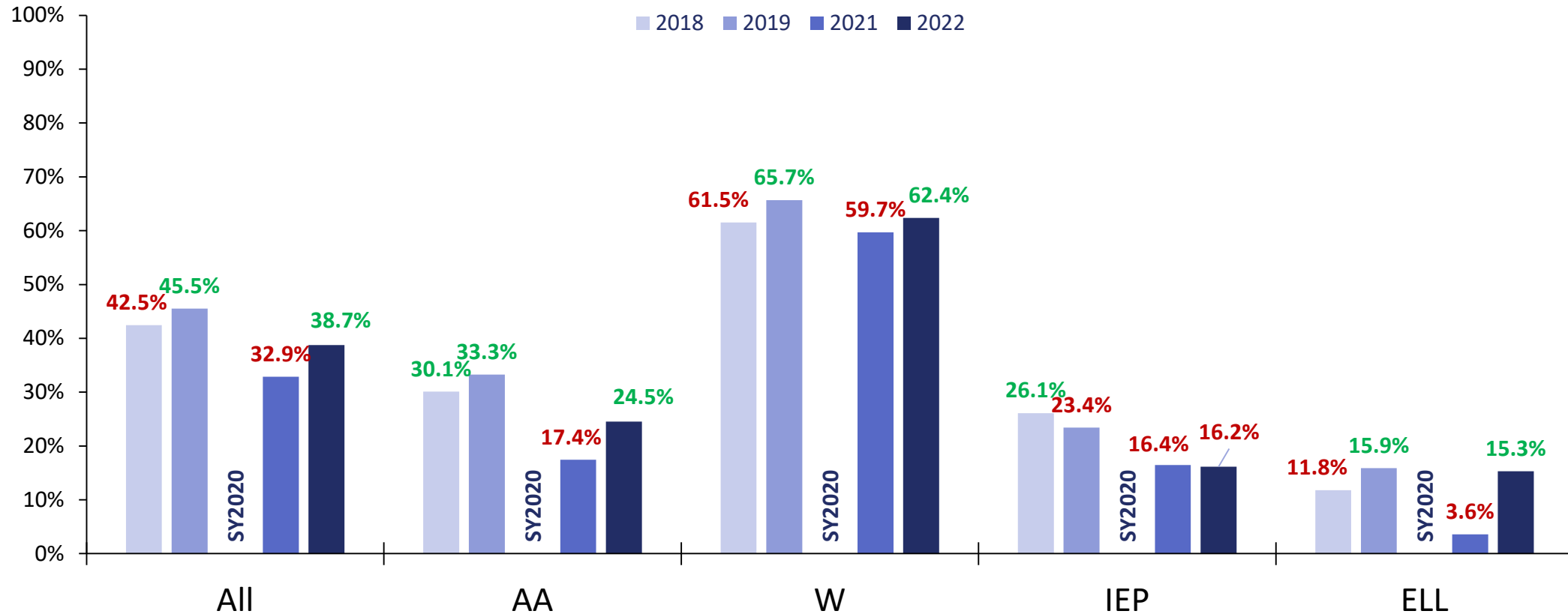
**District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - English Language Arts/Reading: Grade 4**





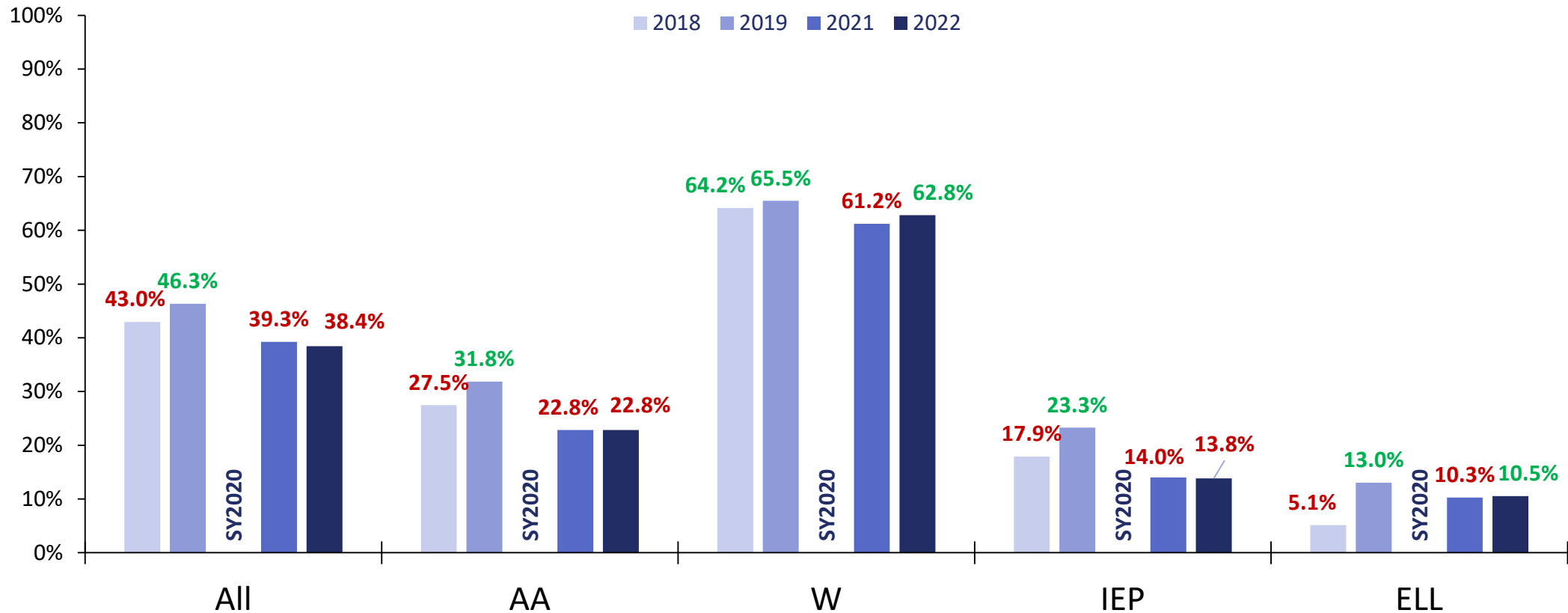
# Grade 5 English Language Arts by Race, IEP And ELL Subgroups: ~Most subgroups have shown gains compared with SY2021 (as shown in red/green percentages), but none have surpassed their respective rates from SY2019.

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - English Language Arts/Reading: Grade 5



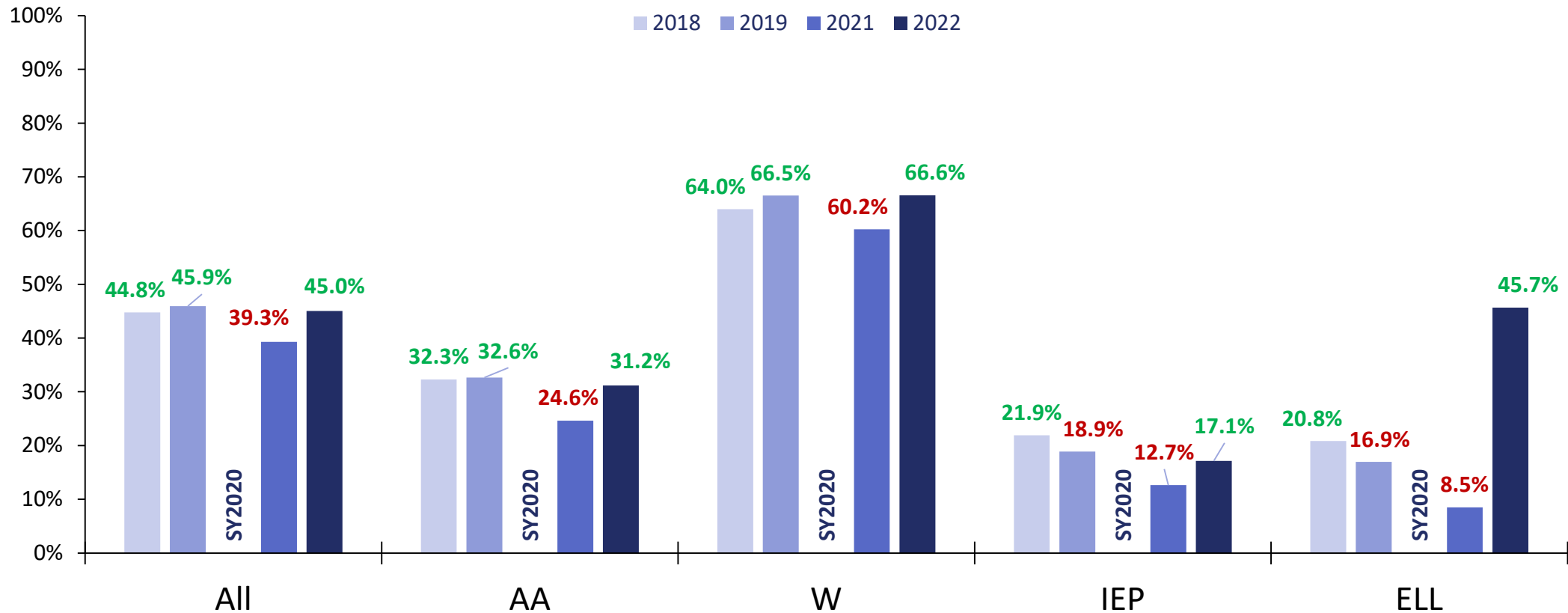
# Grade 6 English Language Arts by Race, IEP And ELL Subgroups: ~Most subgroups have shown gains compared with SY2021 (as shown in red/green percentages), but none have surpassed their respective rates from SY2019.

## District Accountability - Percent of Proficient and Advanced Students 2022 PSSA/PASA - English Language Arts/Reading: Grade 6



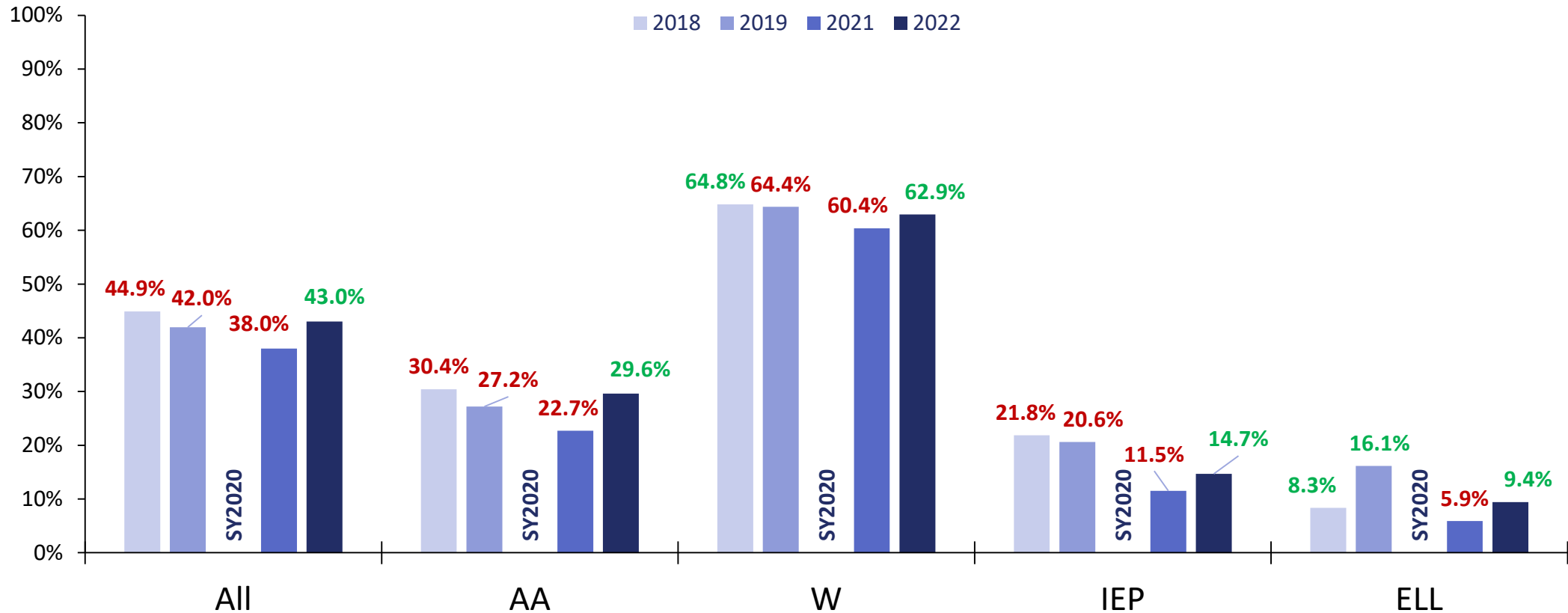
# Grade 7 English Language Arts by Race, IEP And ELL Subgroups: ~Most subgroups have shown gains compared with SY2021 (as shown in red/green percentages), but none have surpassed their respective rates from SY2019.

**District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - English Language Arts/Reading: Grade 7**



# Grade 8 English Language Arts by Race, IEP And ELL Subgroups: ~Most subgroups have shown gains compared with SY2021 (as shown in red/green percentages), but none have surpassed their respective rates from SY2019.

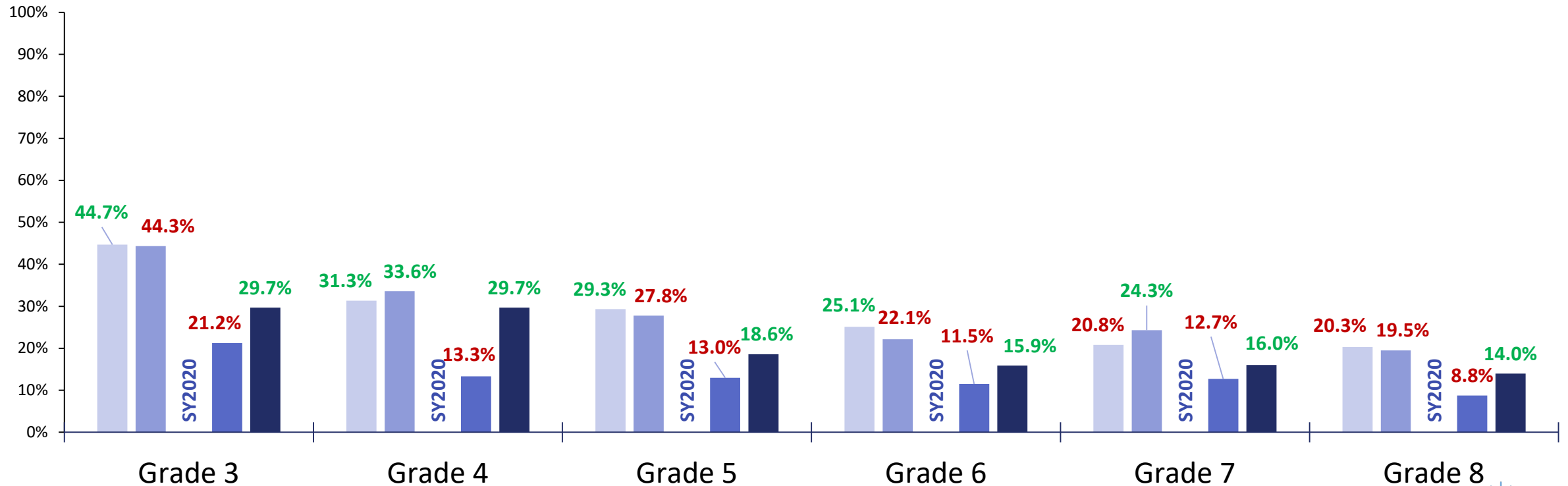
**District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - English Language Arts/Reading: Grade 8**



# Mathematics By Grade: 4<sup>th</sup> grade had the largest increase in proficiency from SY2021 to SY2022

## District Accountability - Percent of Proficient and Advanced Students PSSA/PASA: Grades 3 to 8 ELA/Reading

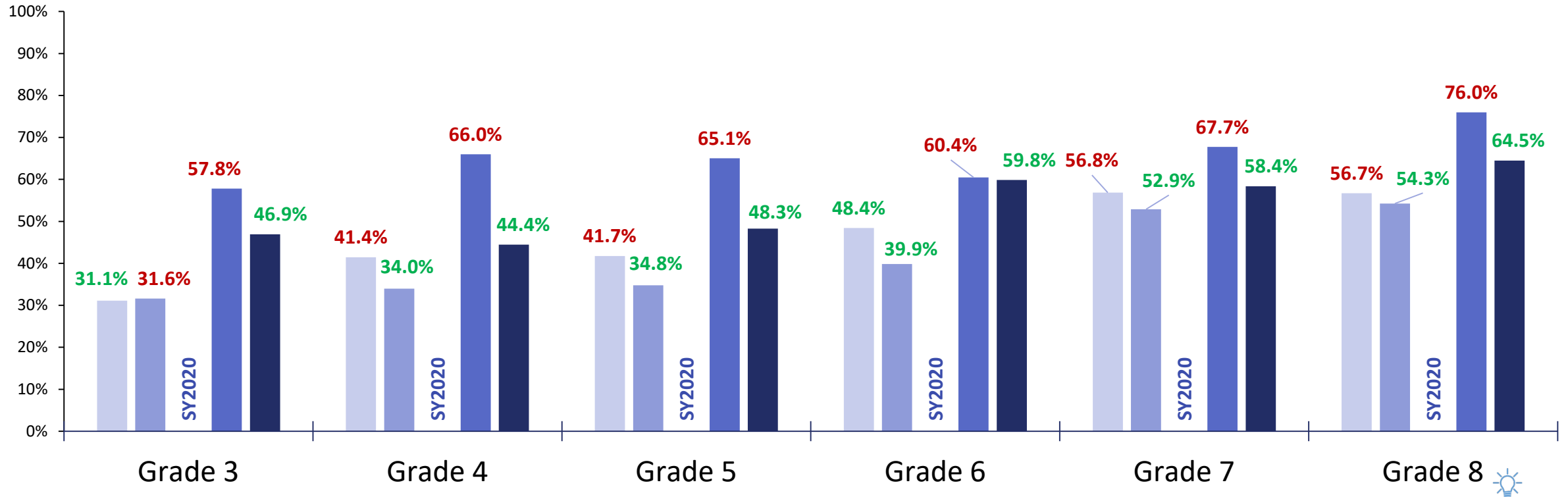
2018 2019 2021 2022



# Mathematics By Grade: The percentage of students scoring Below Basic decreased for all tested grades

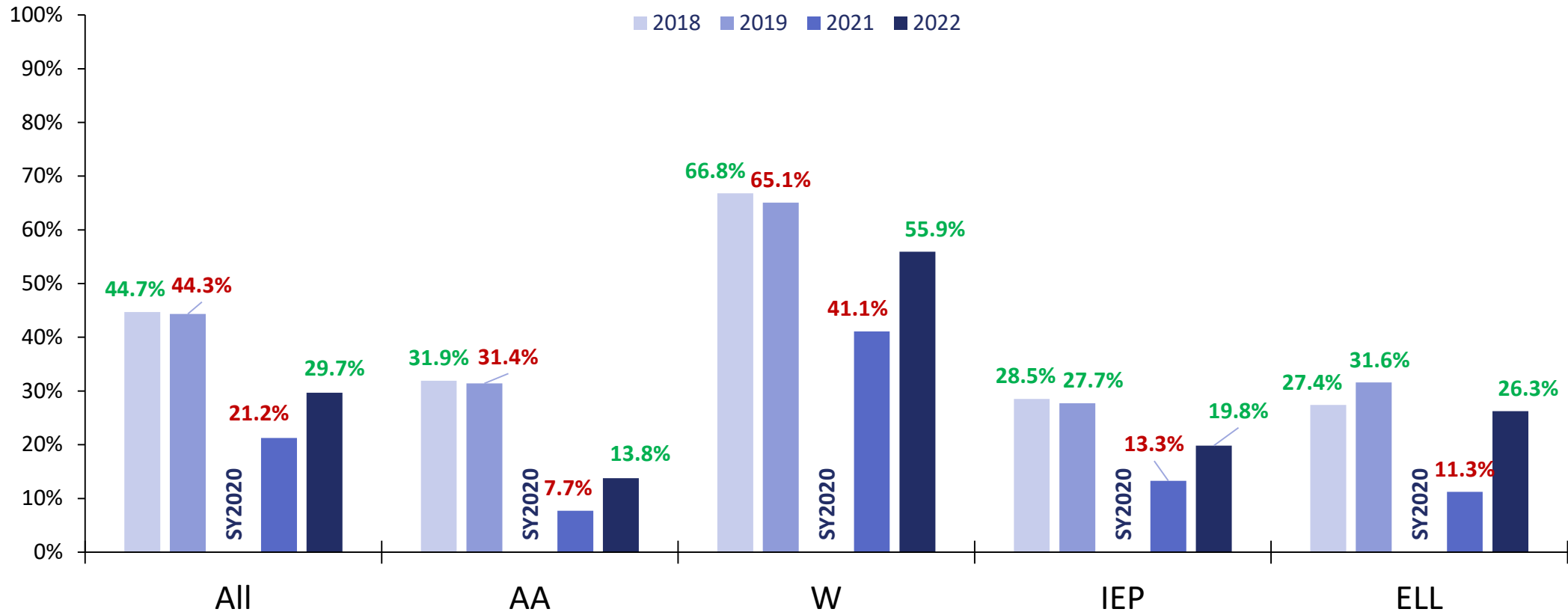
District Accountability - Percent of Students Scoring Below Basic  
PSSA/PASA: Grades 3 to 8 ELA/Reading

2018 2019 2021 2022



# Grade 3 Mathematics by Race, IEP and ELL Subgroups: ~All subgroups improved over SY2021, but none have improved over SY2019

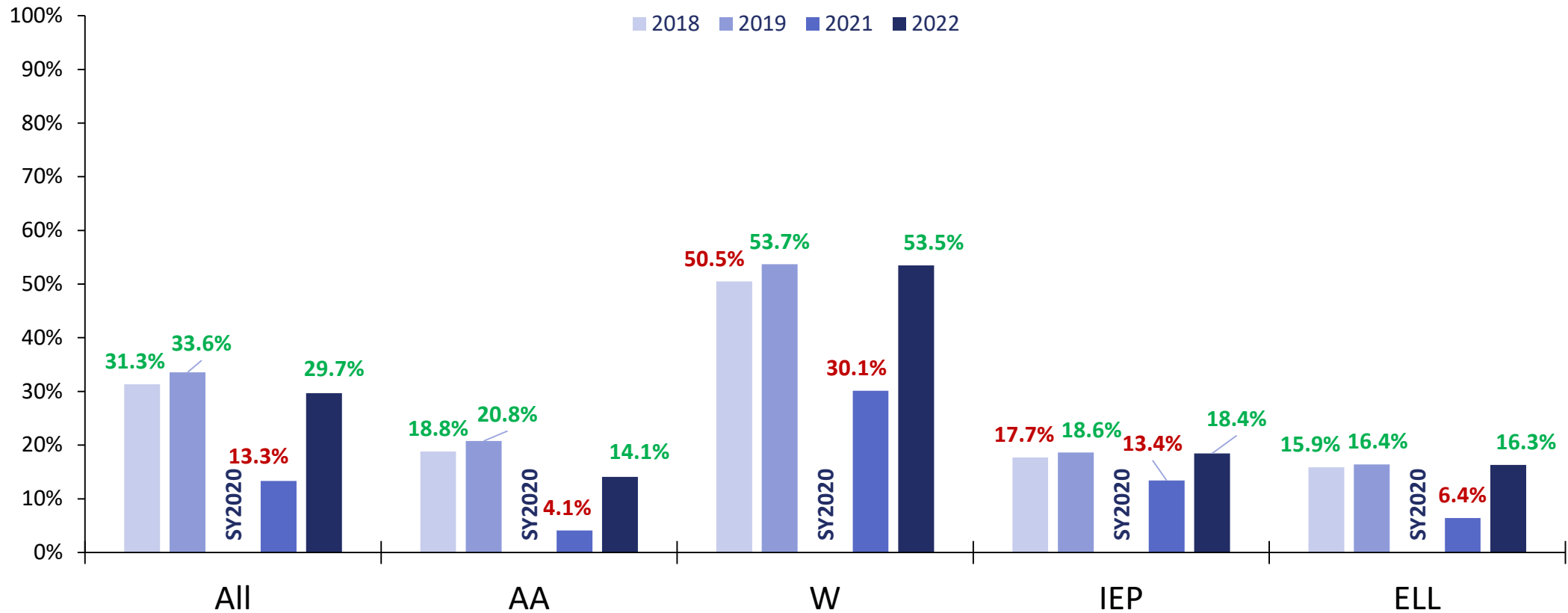
District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Mathematics: Grade 3





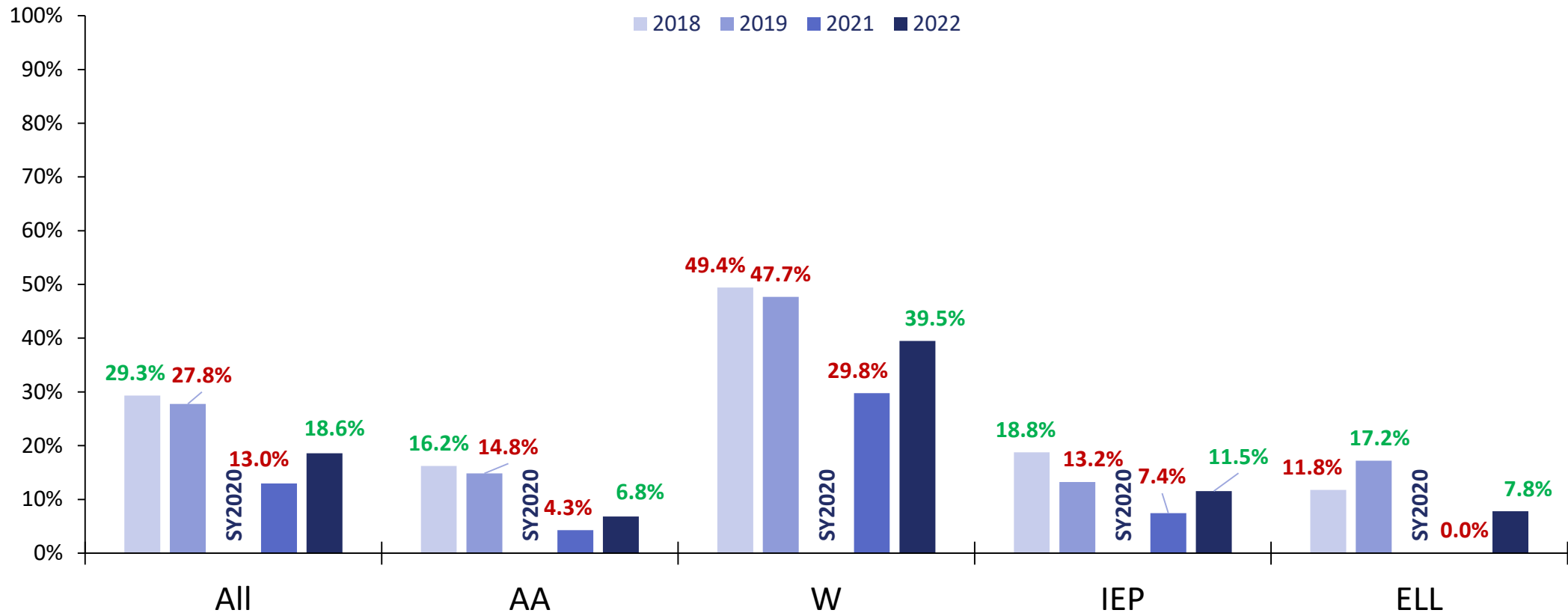
# Grade 4 Mathematics by Race, IEP and ELL Subgroups: ~All subgroups improved over SY2021, but none have improved over SY2019

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Mathematics: Grade 4



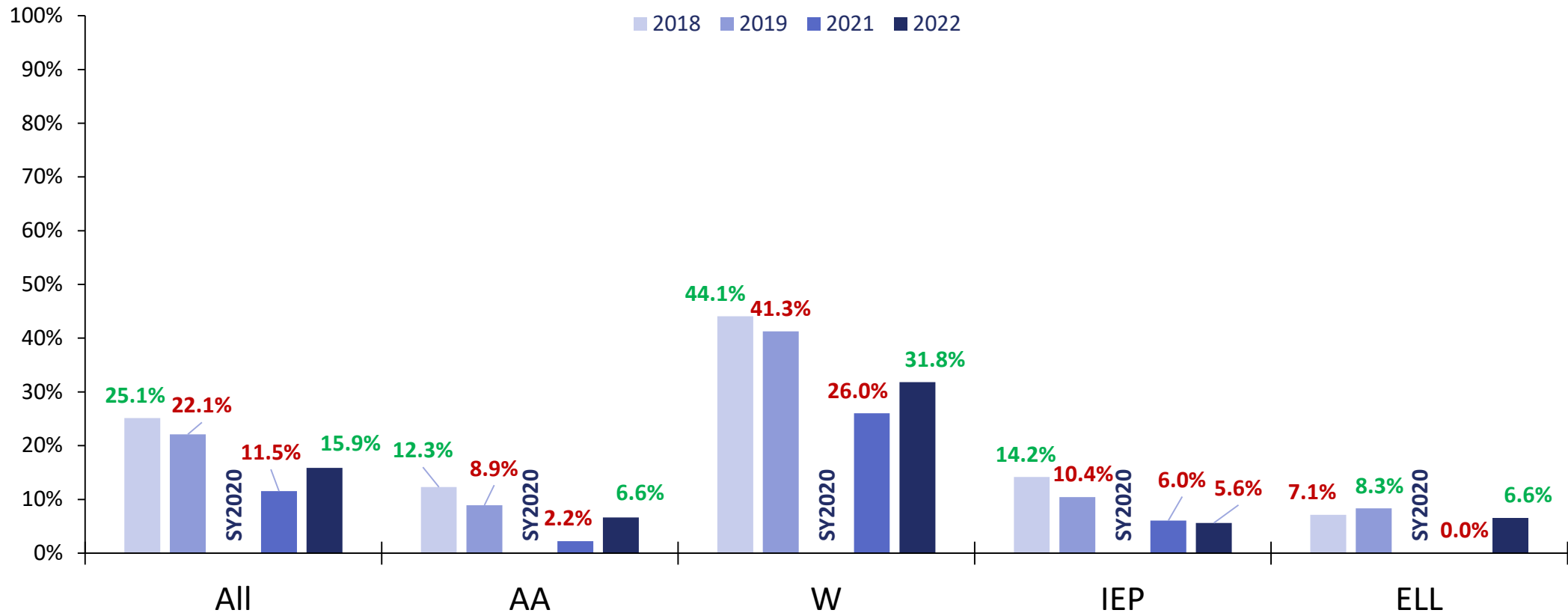
# Grade 5 Mathematics by Race, IEP and ELL Subgroups: ~All subgroups improved over SY2021, but none have improved over SY2019

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Mathematics: Grade 5



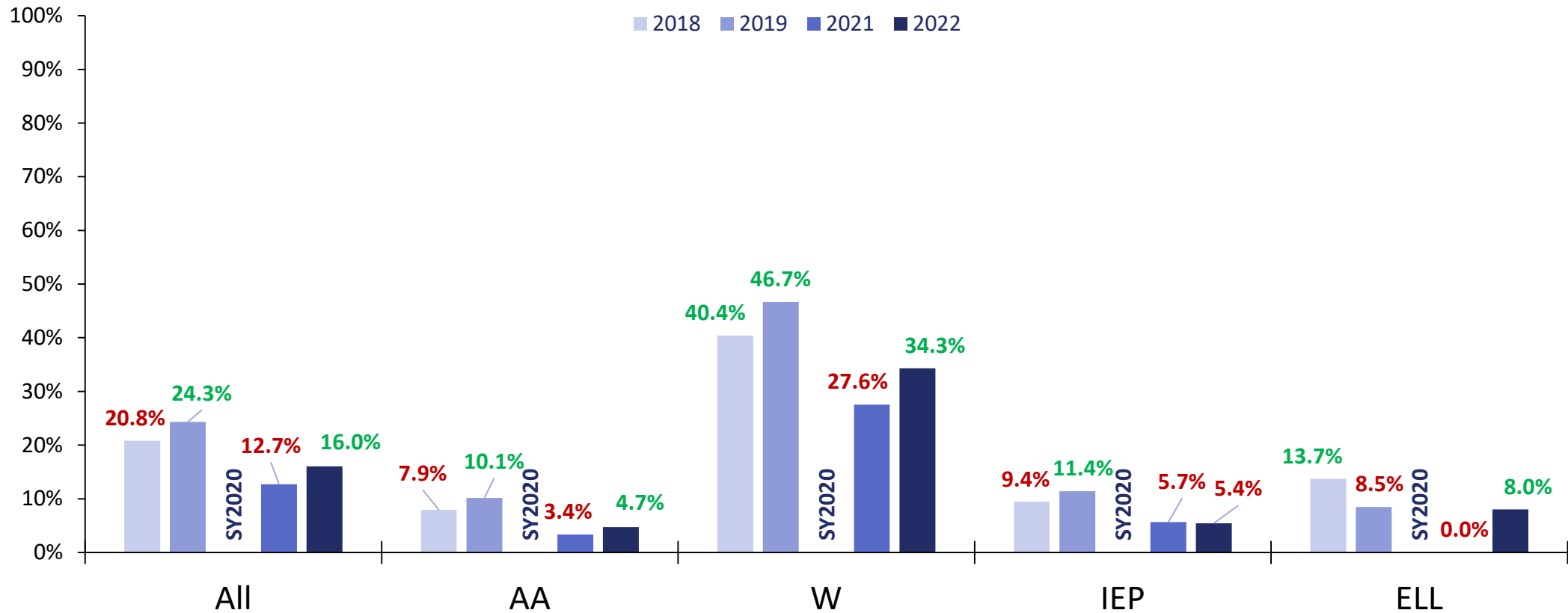
# Grade 6 Mathematics by Race, IEP and ELL Subgroups: ~All subgroups improved over SY2021, but none have improved over SY2019

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Mathematics: Grade 6



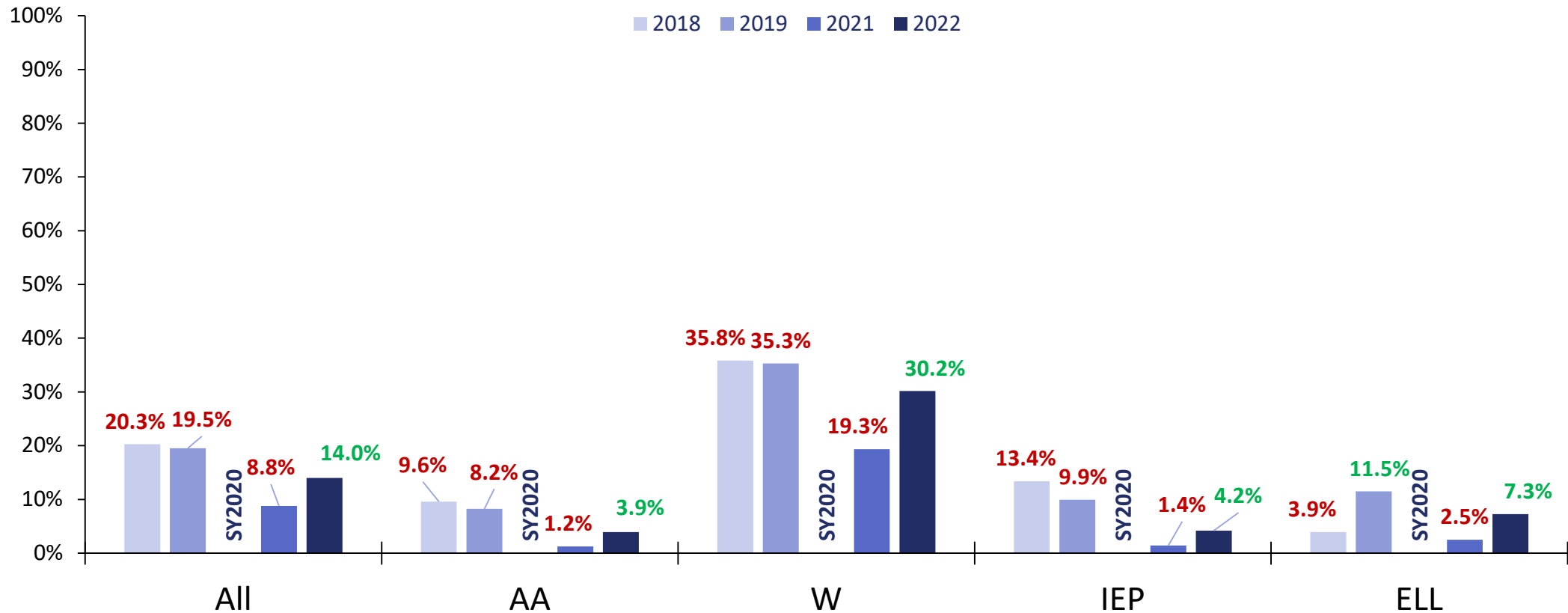
# Grade 7 Mathematics by Race, IEP and ELL Subgroups: ~All subgroups improved over SY2021, but none have improved over SY2019

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Mathematics: Grade 7



# Grade 8 Mathematics by Race, IEP and ELL Subgroups: ~All subgroups improved over SY2021, but none have improved over SY2019

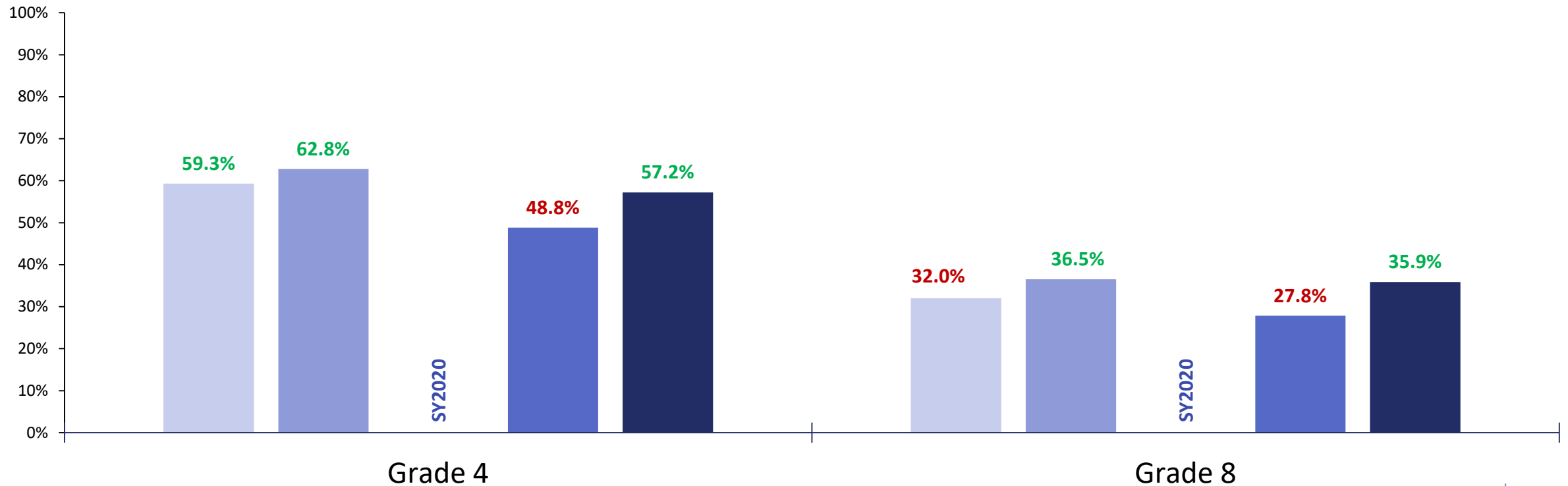
District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Mathematics: Grade 8



# Science by Grade: Proficiency rates in science have rebounded with 8<sup>th</sup> grade rates nearly what they were in SY2019

## District Accountability - Percent of Proficient and Advanced Students PSSA/PASA: Grades 3 to 8 Science

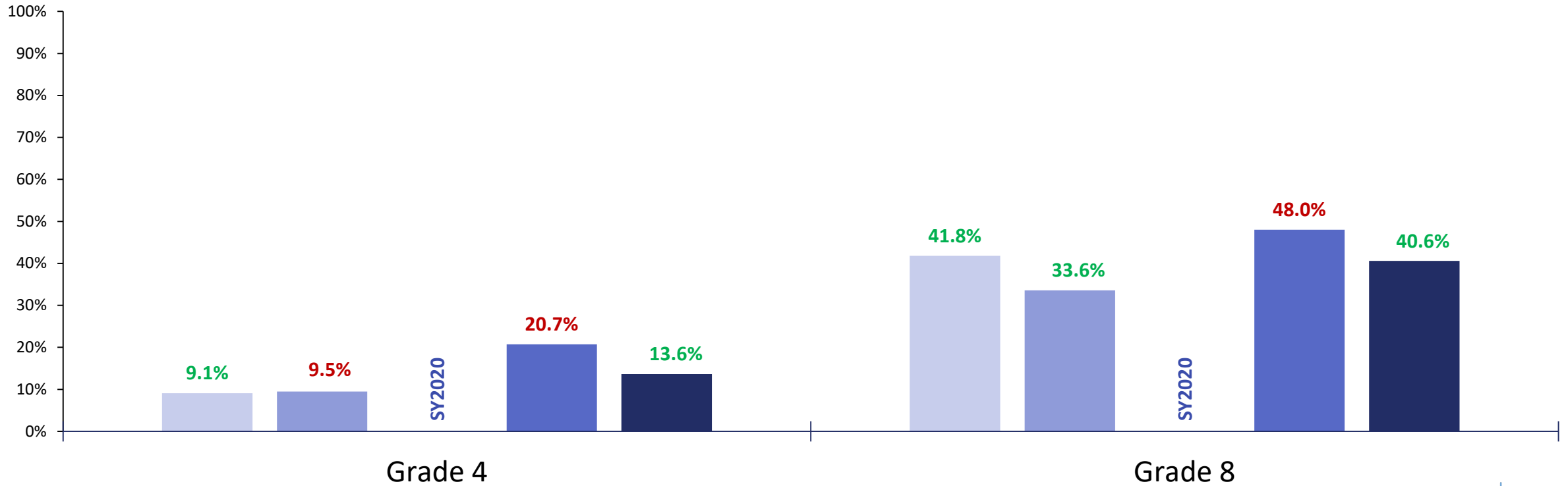
■ 2018 ■ 2019 ■ 2021 ■ 2022



# Science by Grade: The percentage of students scoring Below Basic has similarly improved (decreased), but by a smaller margin than proficiency rates

## District Accountability - Percent of Students Scoring Below Basic PSSA/PASA: Grades 4 and 8 Science

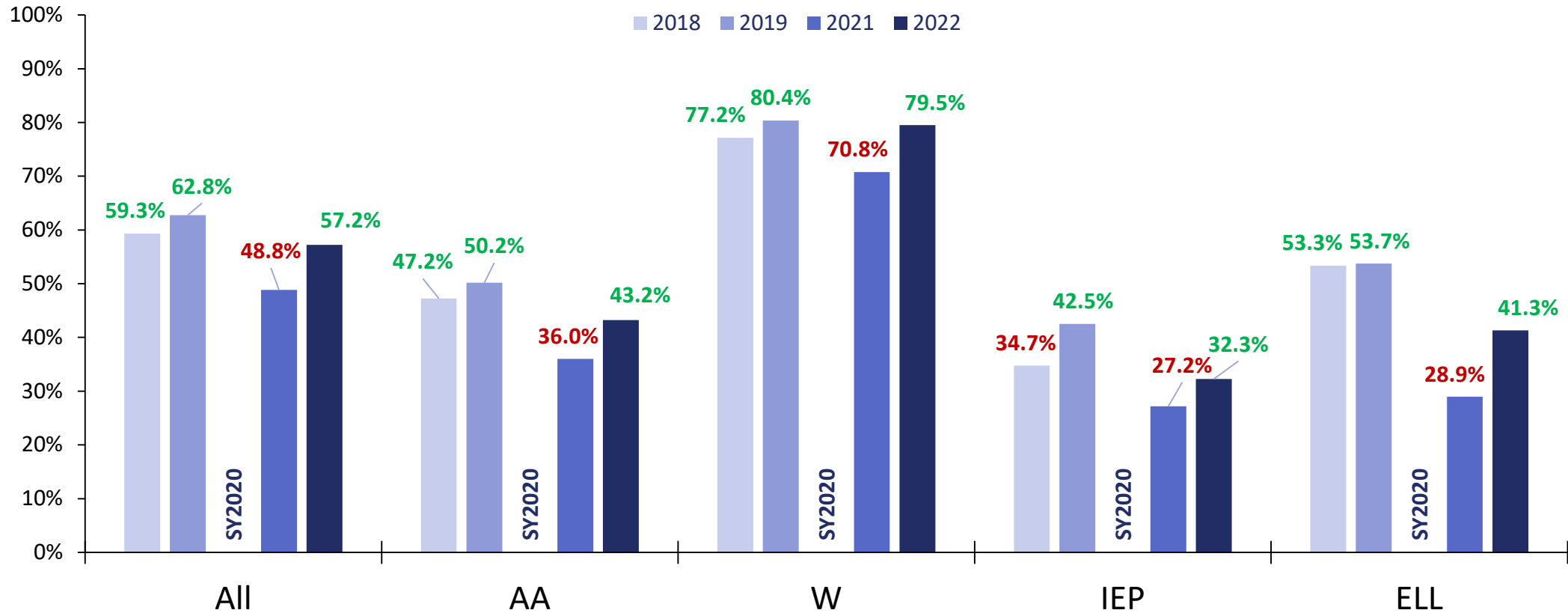
2018 2019 2021 2022





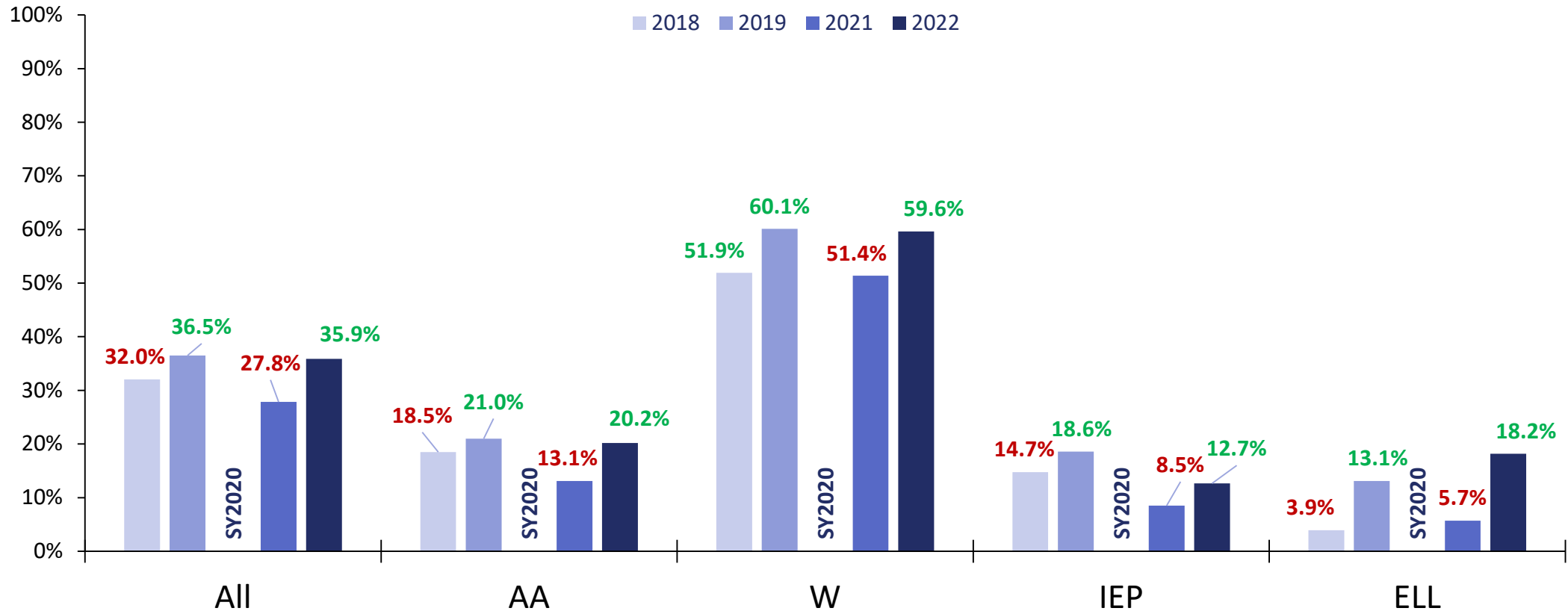
# Grade 4 Science by Race, IEP and ELL Subgroups: ~There were improvements in proficiency rates across all subgroups with the largest gains among ELL students (12.4% in 4<sup>th</sup> grade; 12.5% in 8<sup>th</sup> grade)

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Science: Grade 4



# Grade 8 Science by Race, IEP and ELL Subgroups: ~There were improvements in proficiency rates across all subgroups with the largest gains among ELL students (12.4% in 4<sup>th</sup> grade; 12.5% in 8<sup>th</sup> grade)

District Accountability - Percent of Proficient and Advanced Students  
2022 PSSA/PASA - Science: Grade 8



# Keystone Exams – Accountability Results

- Keystone Exams are given multiple times a year in Literature, Algebra 1, and Biology.
- Keystone exams are end of course exams that are mainly for high school students, although students who take Algebra in lower grades also take the exam.
- Students take the exam the first time they take the course. If they don't pass, they can re-take it multiple times or demonstrate content proficiency in other ways.
- As a state Accountability measure, scores are reported for students as of Grade 11. Students who pass an exam in an earlier grade will have their scores “banked” or saved until they are in Grade 11.
- Accountability changes from year to year can show changes in the proficiency of the Grade 11 students from year to year, and is based on students who could have taken these courses and exams over multiple earlier years.



**Expect great things.**



# Keystone Exams – Accountability Results

## Act 136 impacts

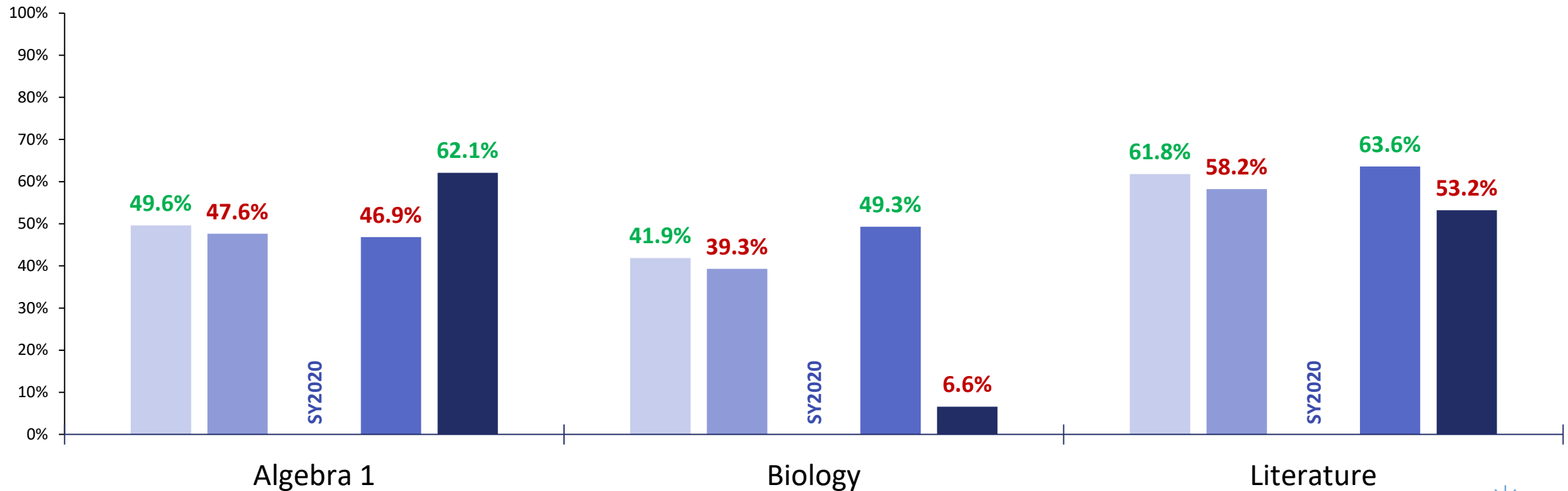
- Keystone Exams in 2019-20, as a result of the waiver granted by the United States Department of Education (USDE), were not required.
  - Students who passed the associated course, are considered PROFICIENT on each exempted test
  - These students do not appear in either the numerator or denominator of the accountability calculations
- Current impact - The students who took Biology in 2019-20 and passed the course are not in the accountability file this year.
  - There were 242 students in the Biology accountability file this year.
  - There were 533 students in the Algebra accountability file this year.
  - There were 1088 students in the Literature accountability file this year.
  - Pre-pandemic there were typically over 1,300 students per keystone assessment



# Keystone Accountability results, for Grade 11 banked scores, have increased substantially for Algebra 1, but decreased in Literature and drastically decreased in Biology

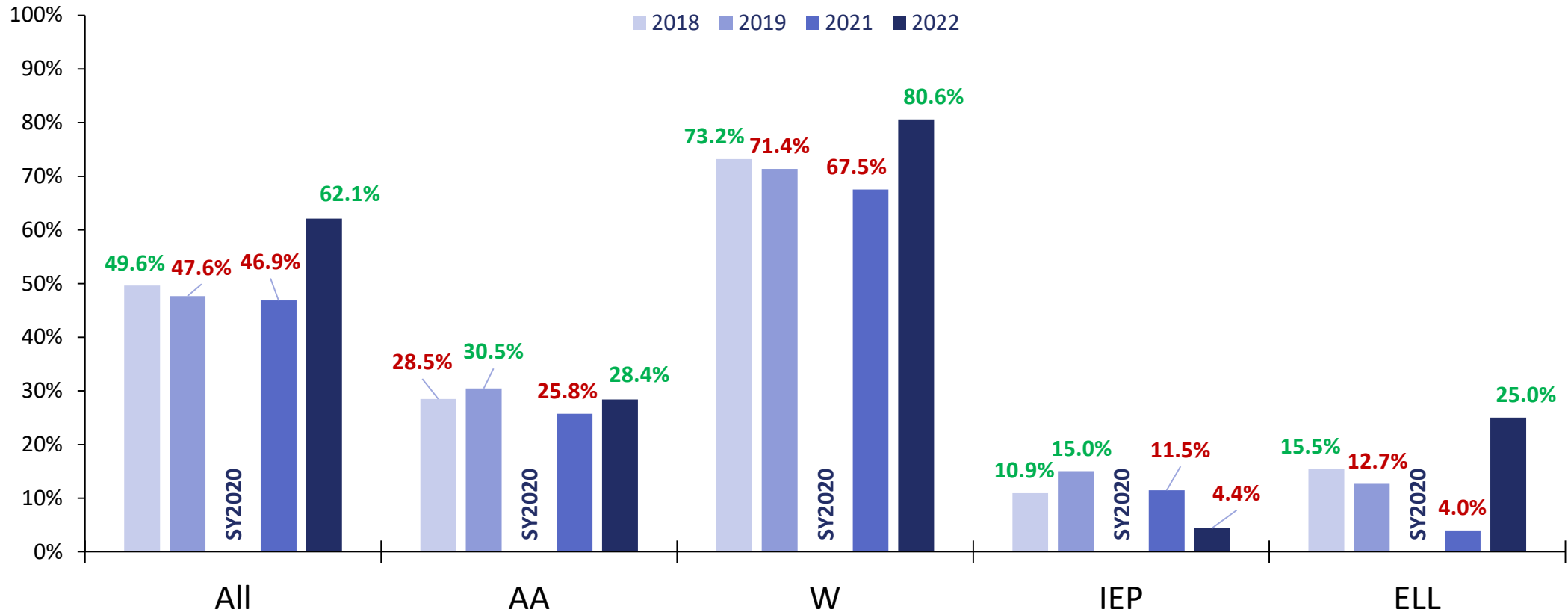
District Accountability - Percent of Proficient and Advanced Students  
Keystone Exams, as of Grade 11

■ 2018 ■ 2019 ■ 2021 ■ 2022



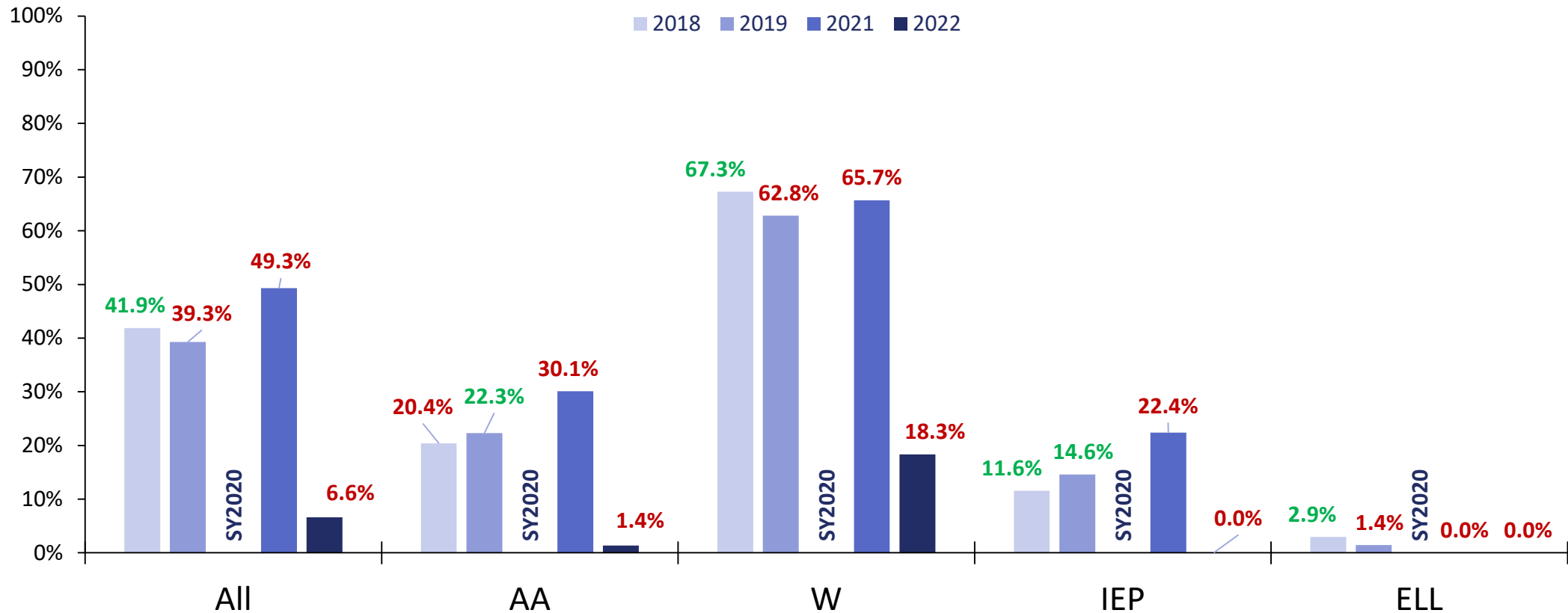
# Algebra I Keystone Accountability by Race, IEP and ELL Subgroups: ~Gains in Algebra I for all groups except IEP students

District Accountability - Percent of Proficient and Advanced Students  
2022 Keystone (Best Score as of Grade 11) - Algebra I



# Biology Keystone Accountability by Race, IEP and ELL Subgroups: ~decreases in all subgroups proficiency

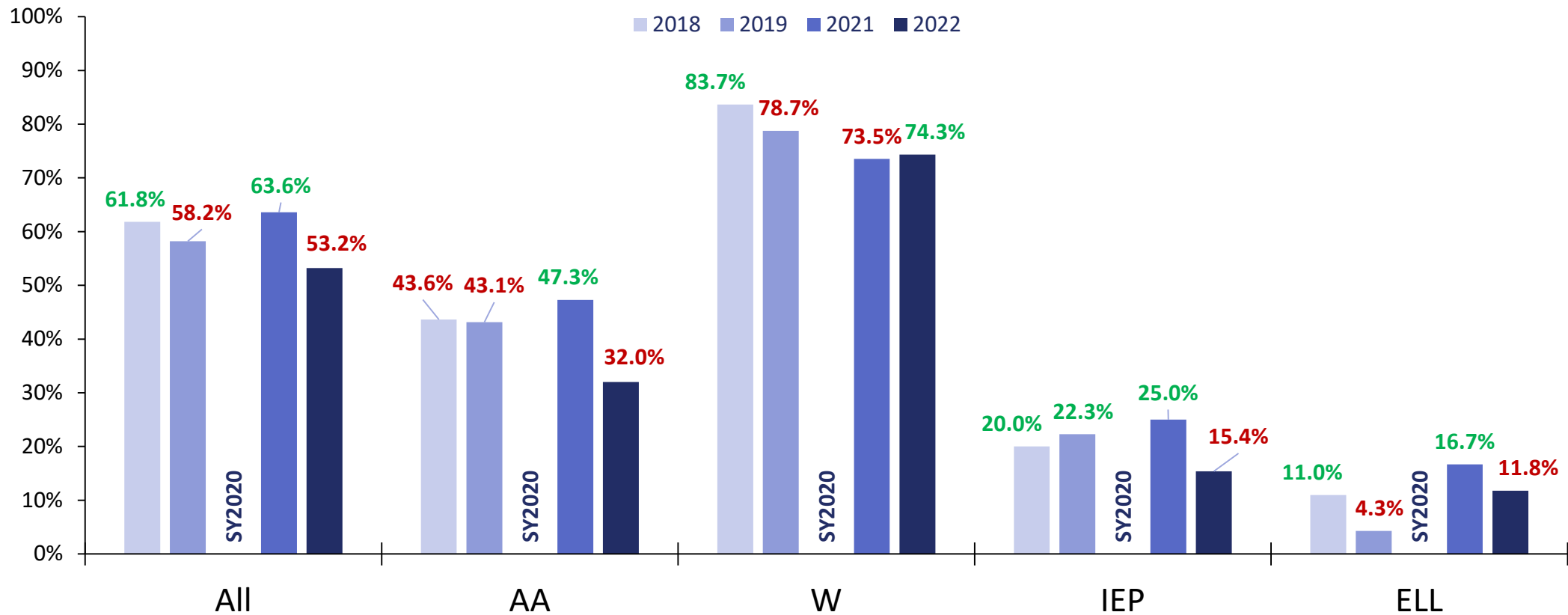
District Accountability - Percent of Proficient and Advanced Students  
2022 Keystone (Best Score as of Grade 11) - Biology





# Literature Keystone Accountability by Race, IEP and ELL Subgroups: ~Gains were only for white students in Literature

District Accountability - Percent of Proficient and Advanced Students  
2022 Keystone (Best Score as of Grade 11) - Literature



# Keystone – Current Year Testing (Administration Results)

- Keystone Exams are given multiple times a year in Literature, Algebra 1, and Biology.
- Keystone exams are end of course exams that are mainly for high school students, although students who take Algebra in lower grades also take the exam.
- Each year, student performance on these end of course exams are reported as Spring Administration results and reflect the scores from the Current School Year.
- Administration changes from year to year show changes in the proficiency of the students who took the exam that year, no matter what grade level they were in.
- Since Administration results are always connected to the Current Year the test was given, they can be used to review progress in that content area from year to year.



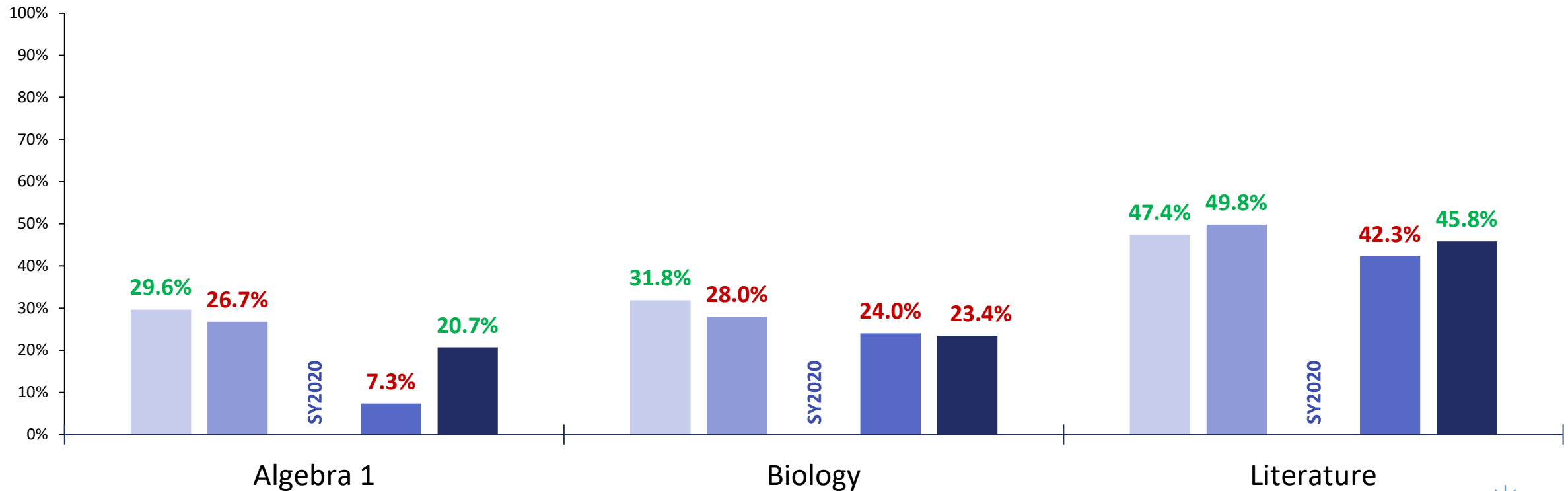
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**Expect great things.**

# Keystone Administration Results, ~Summary

## District Administration - Percent of Proficient and Advanced Students Keystone Exams, given each Spring

■ 2018 ■ 2019 ■ 2021 ■ 2022



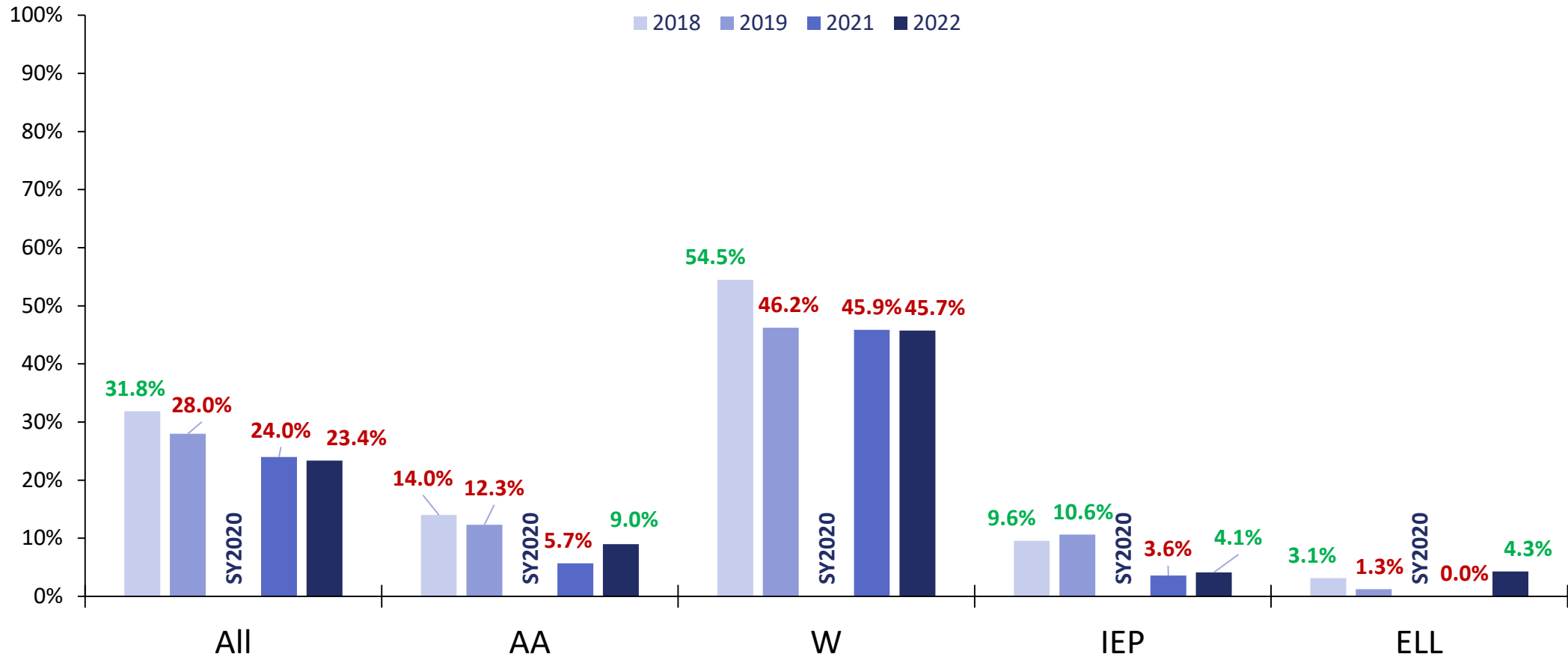
First-time test takers tested at the end of course that year  
Data source: PDE Administration Files

KEY: Green numbers represent increases from previous year;  
red numbers represent decreases from previous year.

 **Expect great things.**

# 2022 Biology Keystone Administration by Race, IEP and ELL subgroups for first time test-takers: Gains in all subgroups, except white students' whose proficiency declined

## 2022 Biology Keystone Administration by Subgroup



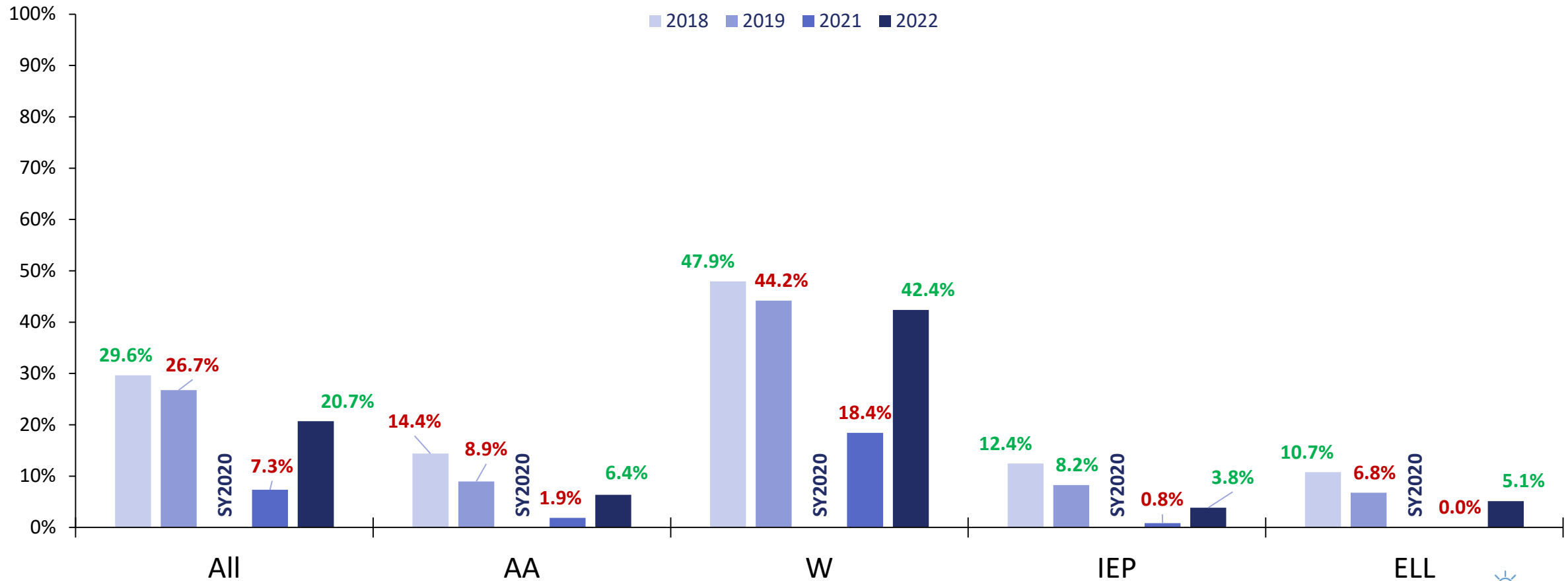
First-time test takers tested at the end of course that year  
Data source: PDE Administration Files

KEY: Green numbers represent increases from previous year;  
red numbers represent decreases from previous year.

 Expect great things.

# 2022 Algebra I Keystone Administration by Race, IEP and ELL subgroups for first time test-takers: Gains were made in all subjects by all subgroups

## 2022 Algebra I Keystone Administration by Subgroup



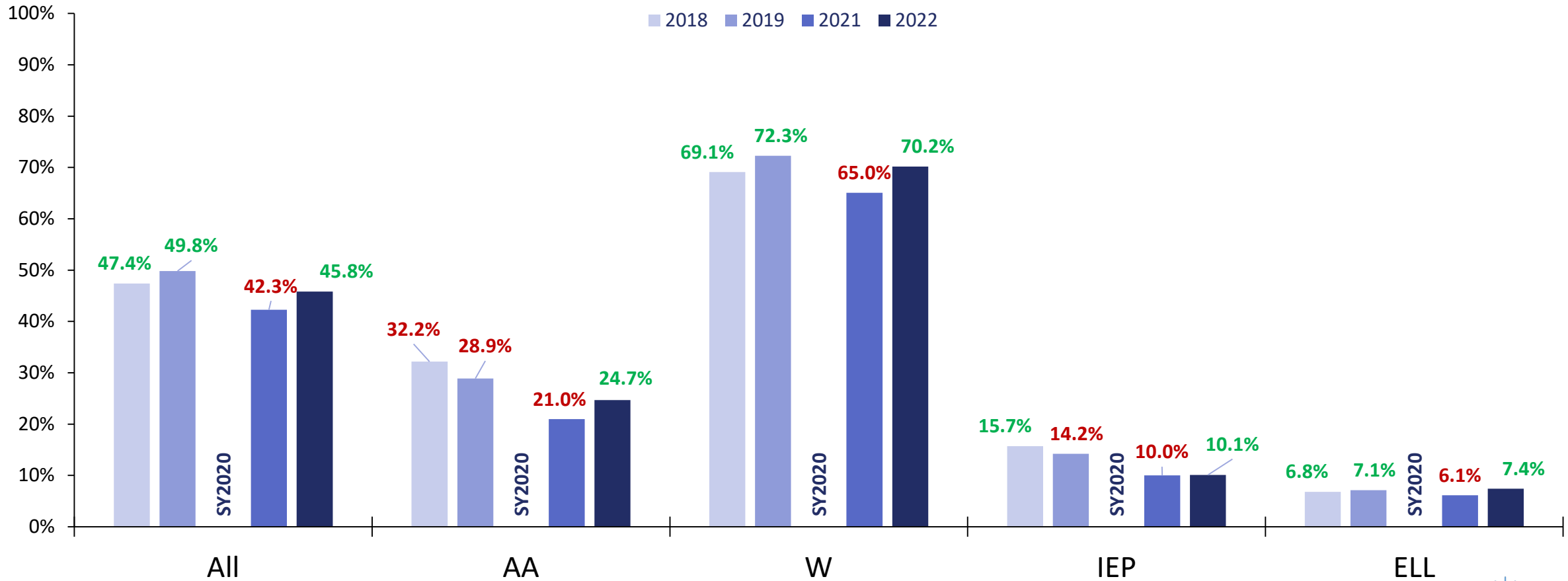
First-time test takers tested at the end of course that year  
Data source: PDE Administration Files

KEY: Green numbers represent increases from previous year;  
red numbers represent decreases from previous year.

**Expect great things.** 

# 2022 Literature Keystone Administration by Race, IEP and ELL subgroups for first time test-takers: Gains were made in all subjects by all subgroups

## 2022 Literature Keystone Administration by Subgroup



First-time test takers tested at the end of course that year  
Data source: PDE Administration Files

KEY: Green numbers represent increases from previous year;  
red numbers represent decreases from previous year.

 **Expect great things.**

# Supports for alignment to PSSA and Keystone Exams

- The district has adopted the Computer Diagnostic Tools (CDT) to provide diagnostic information to teachers regarding student's needs and performance
  - Aligned with the 3-8 PSSA and High school keystone courses
  - Provides direct alignment to eligible content as well as standards
  - Direct links to the PDE Standards Aligned System (SAS), to provide teachers feedback on recommended processes and actions for their students