



2022 - 2023

State Assessment Data Overview

Colorado Assessment System

**CMAS
ELA**

**GRADES
3 through 8**



**CMAS
MATH**

**GRADES
3 through 8**



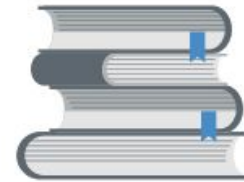
**CMAS
SCIENCE**

**GRADES
5, 8 & 11**



PSAT

**GRADES
9 & 10**



SAT

**GRADE
11**



CMAS PERFORMANCE LEVELS

Colorado Measures of Academic Success, or CMAS – measure students’ mastery of the **standards** and the complex thinking and other critical skills students need to be successful in school and in life.

For example, scores in English Language Arts **do not** indicate whether a student can read or write but rather their mastery of the academic standards’ **grade-level expectations**.

Performance Level Crosswalk

English Language Arts and Math	Science and Social Studies
Exceeded Expectations*	Distinguished Command*
Met Expectations*	Strong Command*
Approached Expectations	Moderate Command
Partially Met Expectations	Limited Command
Did not yet meet expectations	

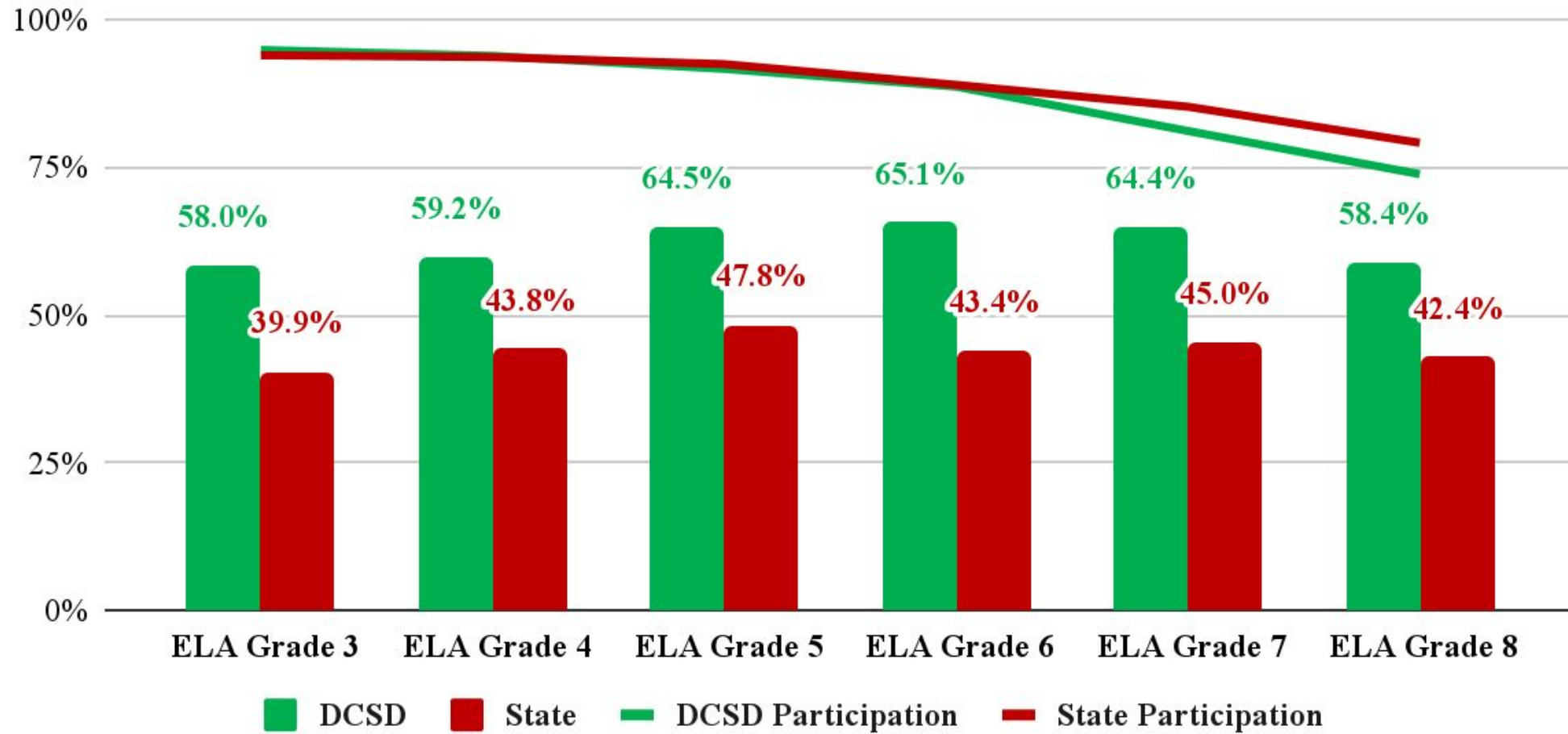
*On track for next grade level or college and career ready in content area

16



Source: Colorado Department of Education

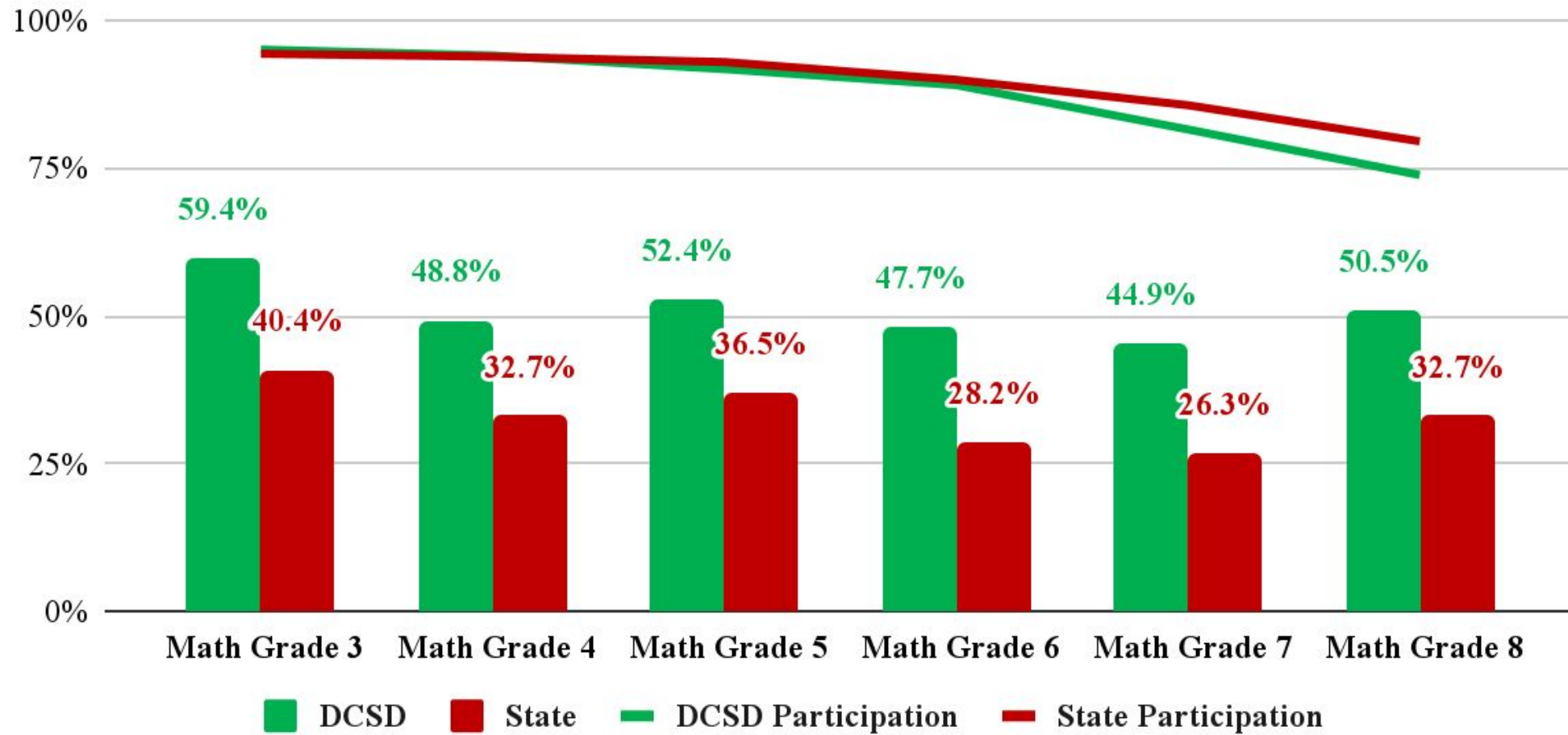
2023 CMAS English Language Arts Percent Met and Exceeded



% MET OR EXCEEDED EXPECTATIONS

Source: Colorado Department of Education

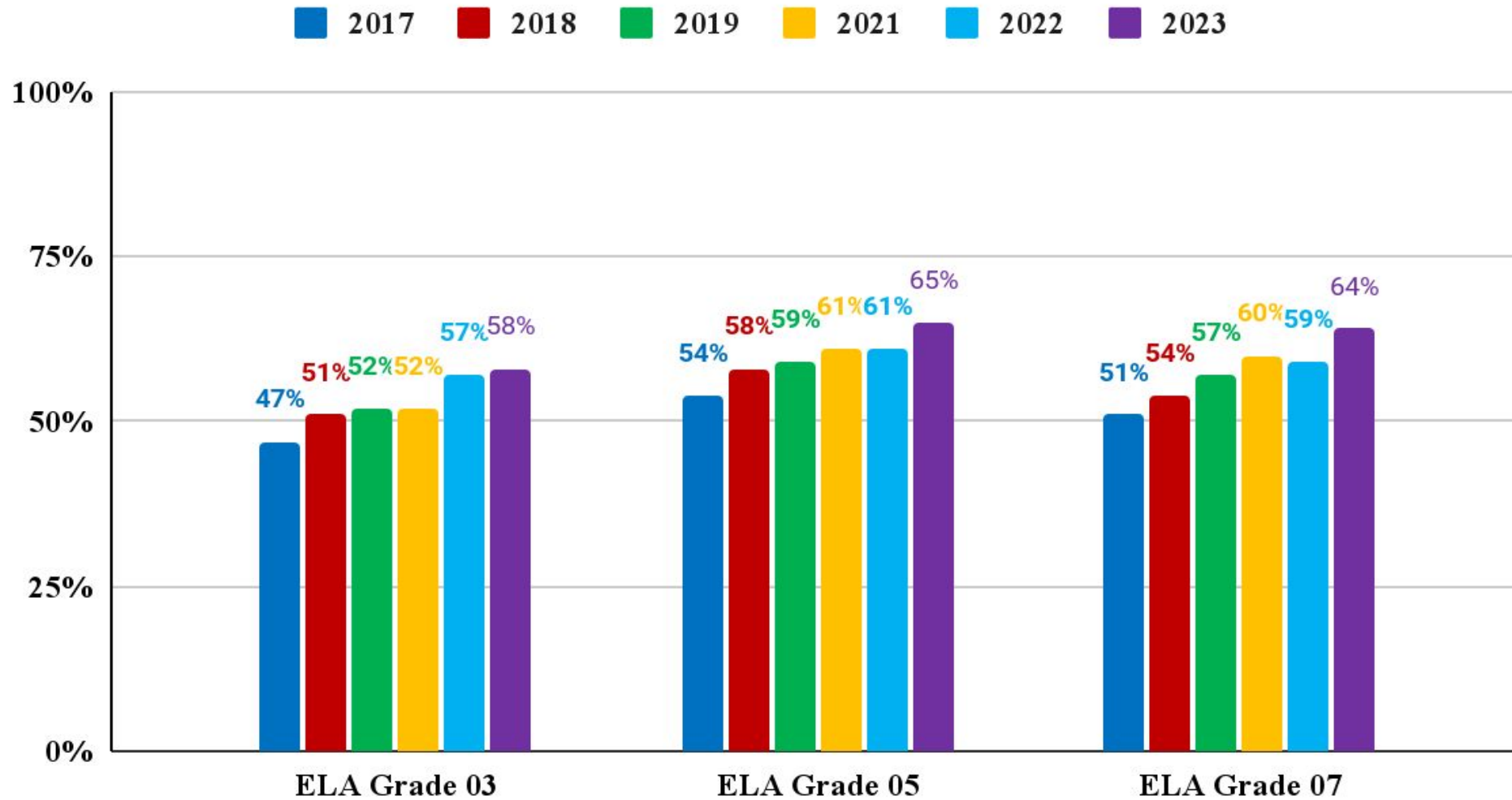
2023 CMAS Math Percent Met and Exceeded



% MET OR EXCEEDED EXPECTATIONS

Source: Colorado Department of Education

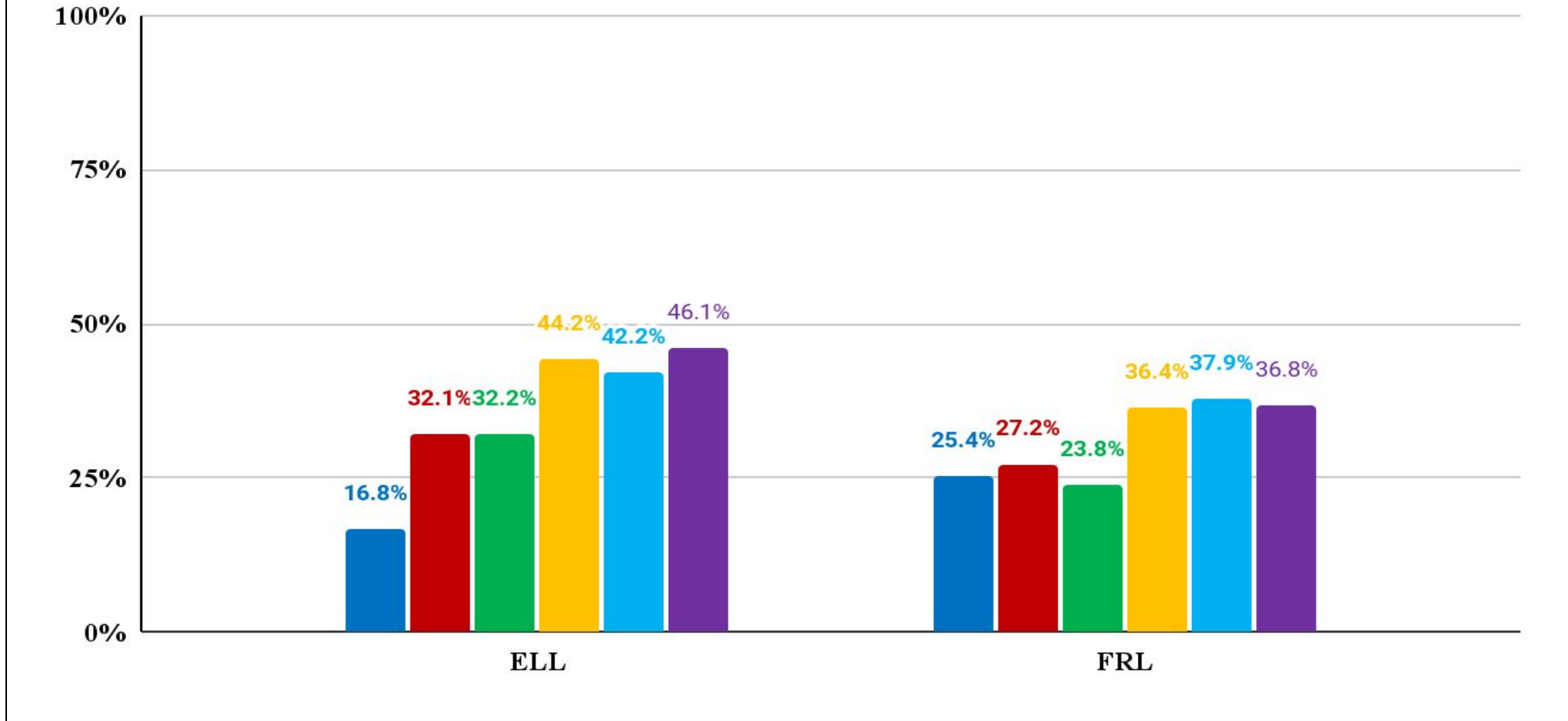
2022 CMAS ELA Percent Met and Exceeded



Source: Colorado Department of Education

CMAS ELA Grade 5 Percent Met and Exceeded

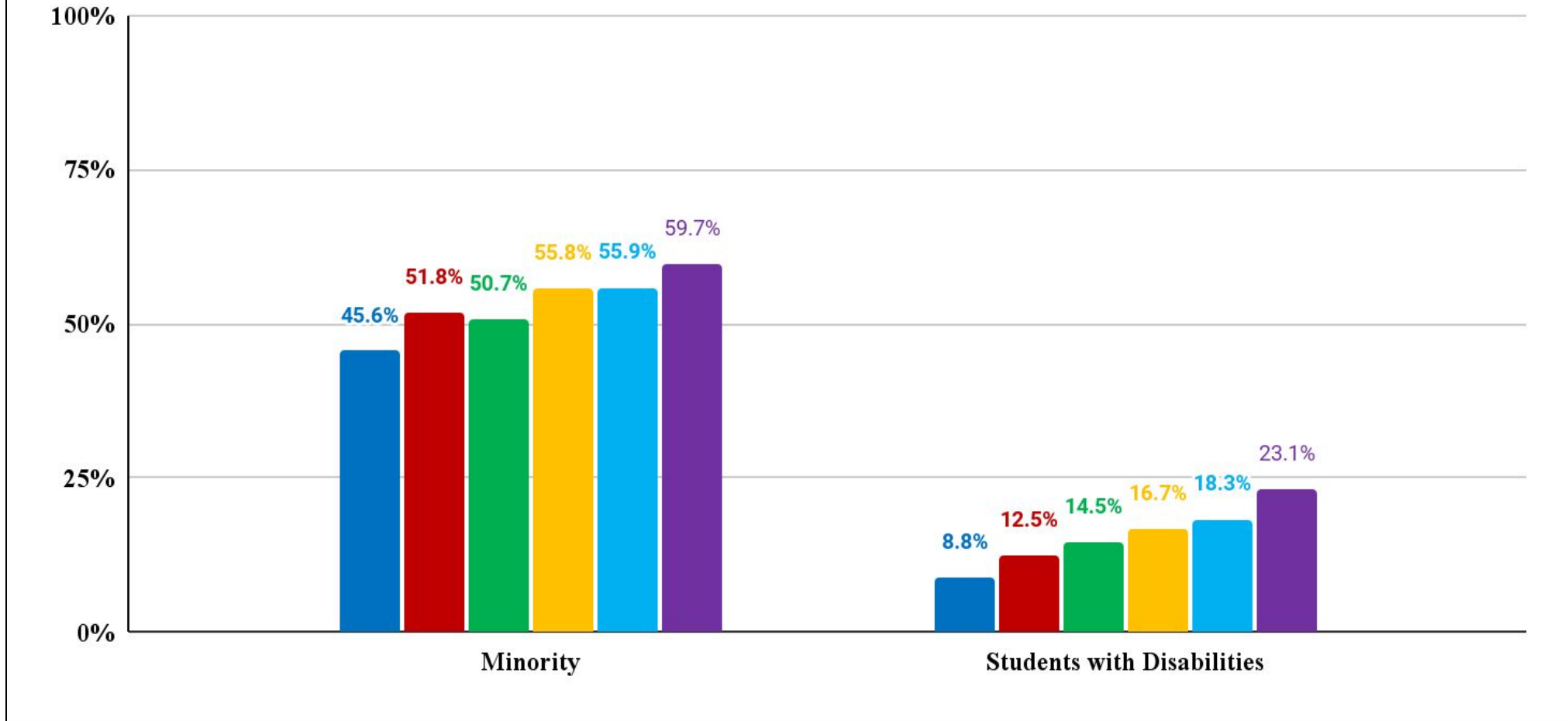
2017 2018 2019 2021 2022 2023



Source: Colorado Department of Education

CMAS ELA Grade 5 Percent Met and Exceeded

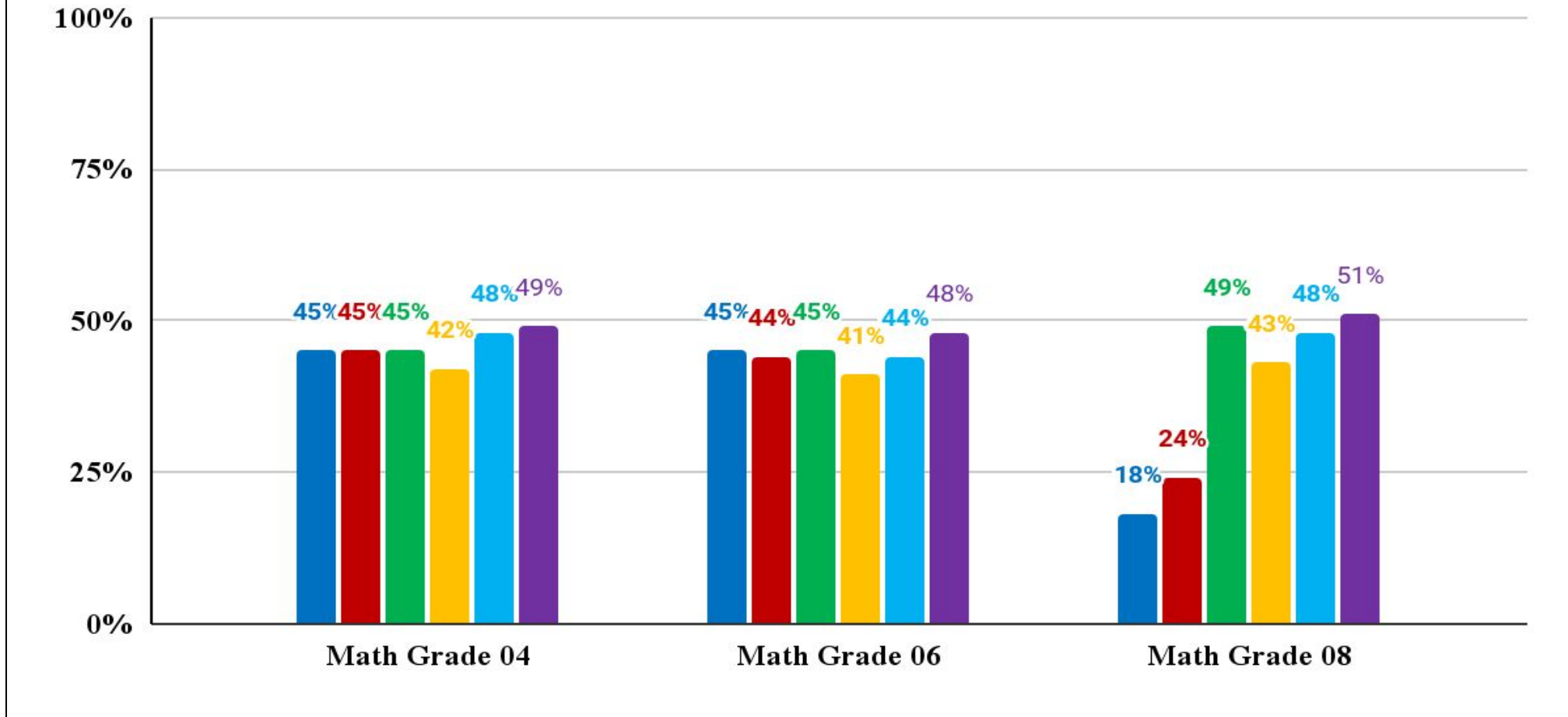
2017 2018 2019 2021 2022 2023



Source: Colorado Department of Education

CMAS Math Percent Met and Exceeded

2017 2018 2019 2021 2022 2023

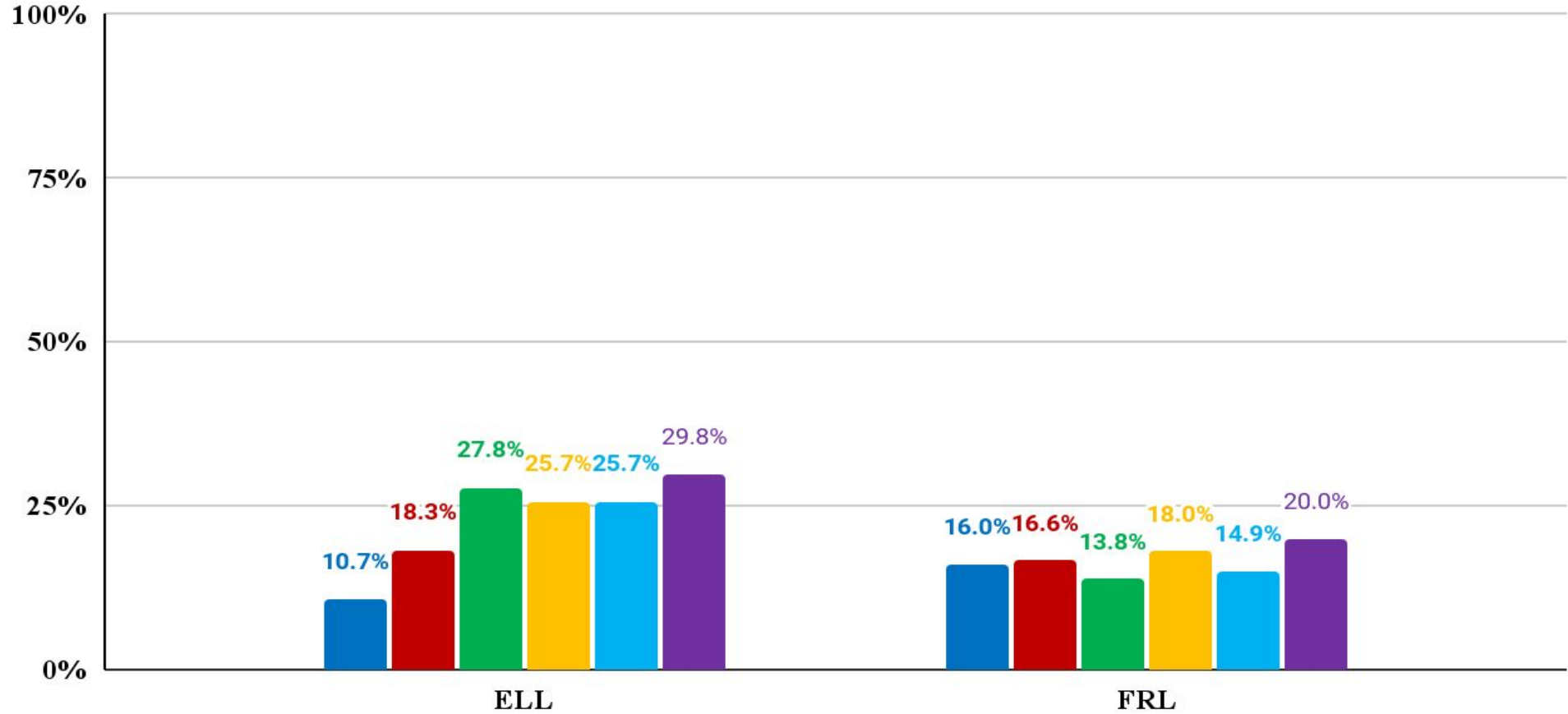


Note: 8th grade students took on-grade level math assessment until 2019

Source: Colorado Department of Education

CMAS Math Grade 6 Percent Met and Exceeded

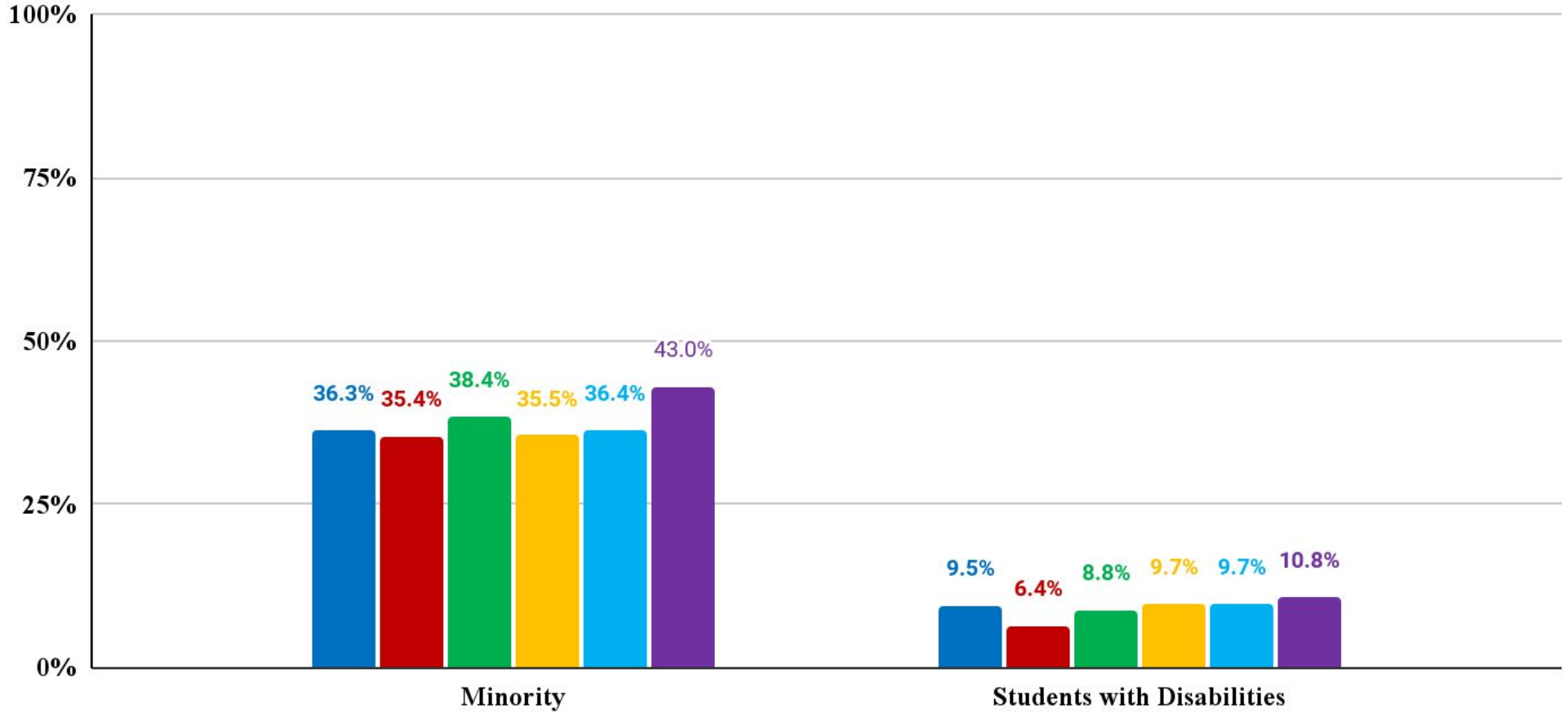
2017 2018 2019 2021 2022 2023



Source: Colorado Department of Education

CMAS Math Grade 6 Percent Met and Exceeded

2017 2018 2019 2021 2022 2023



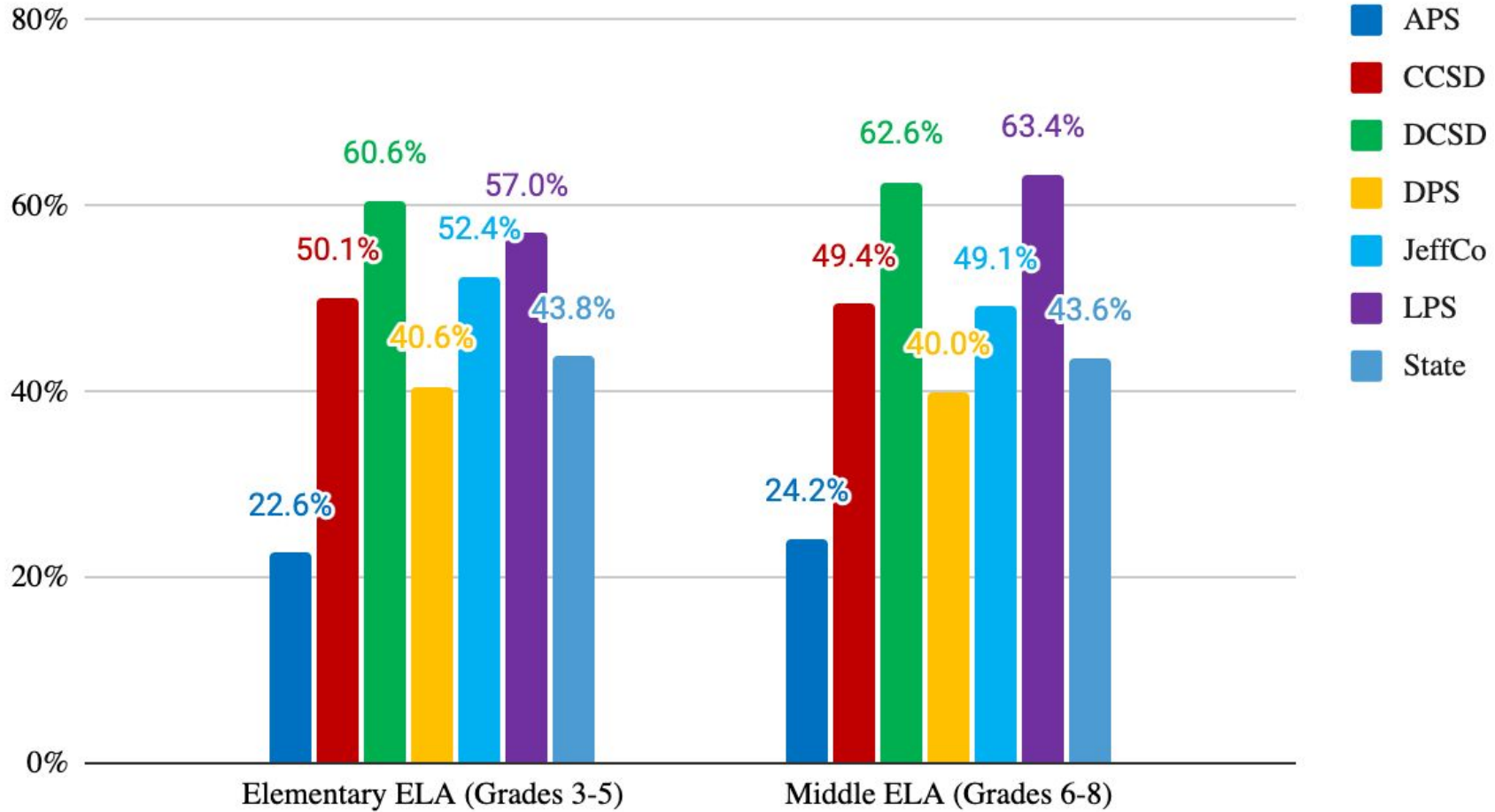
Source: Colorado Department of Education

CMAS Participation Data Over Time

Test	2017	2018	2019	2021	2022	2023
ELA Grade 03	92.7%	94.7%	95.4%	87.3%	94.6%	94.8%
ELA Grade 04	89.6%	94.0%	94.4%	--	93.2%	93.8%
ELA Grade 05	84.9%	91.2%	93.1%	84.9%	92.3%	91.6%
ELA Grade 06	79.7%	86.5%	89.1%	--	87.3%	88.6%
ELA Grade 07	70.9%	81.7%	84.4%	74.7%	82.8%	81.1%
ELA Grade 08	63.6%	74.5%	76.3%	--	69.9%	73.8%

Source: Colorado Department of Education

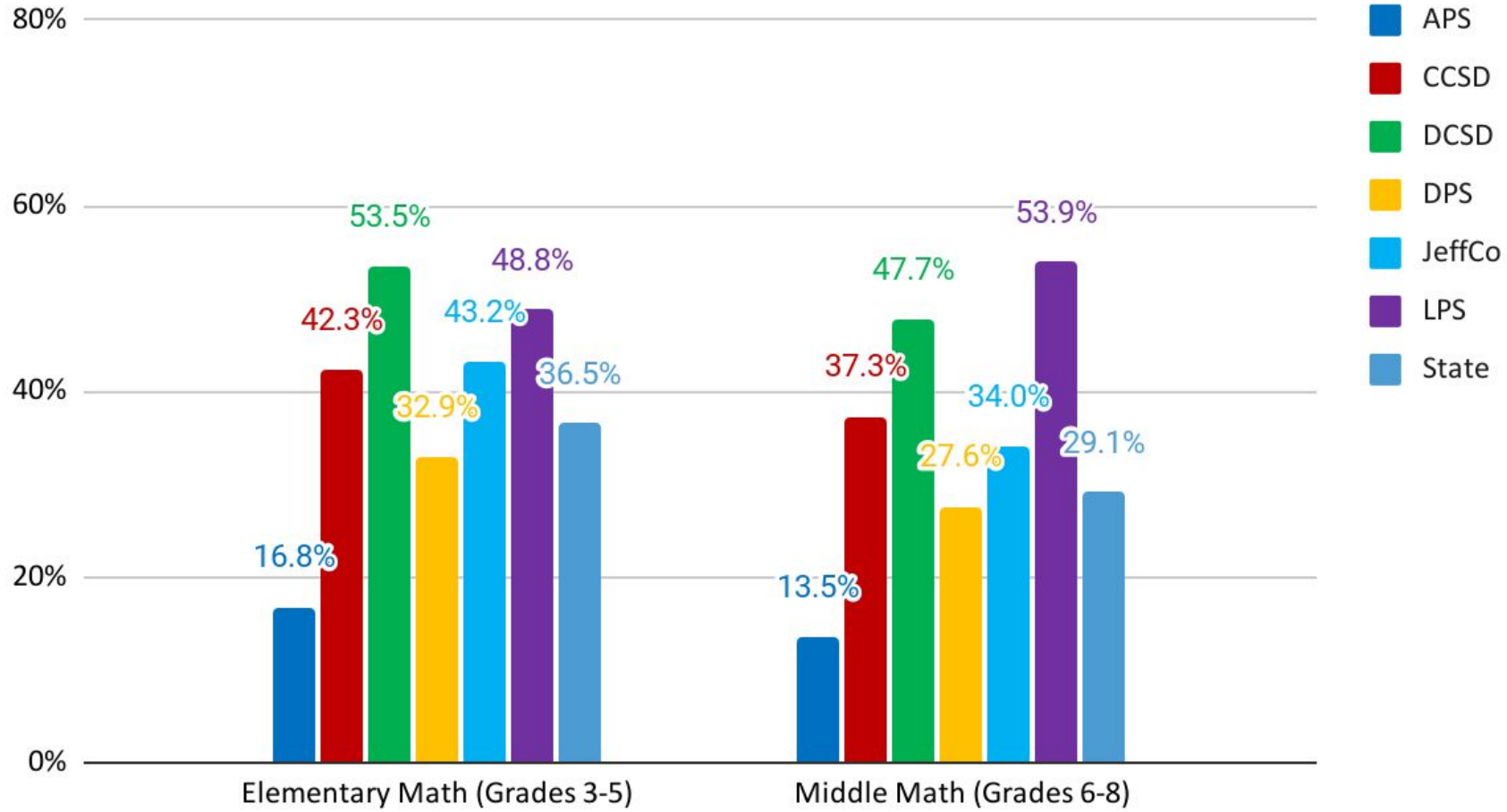
2023 CMAS Comparative Data



% Met or Exceeded Expectations

Source: Colorado Department of Education

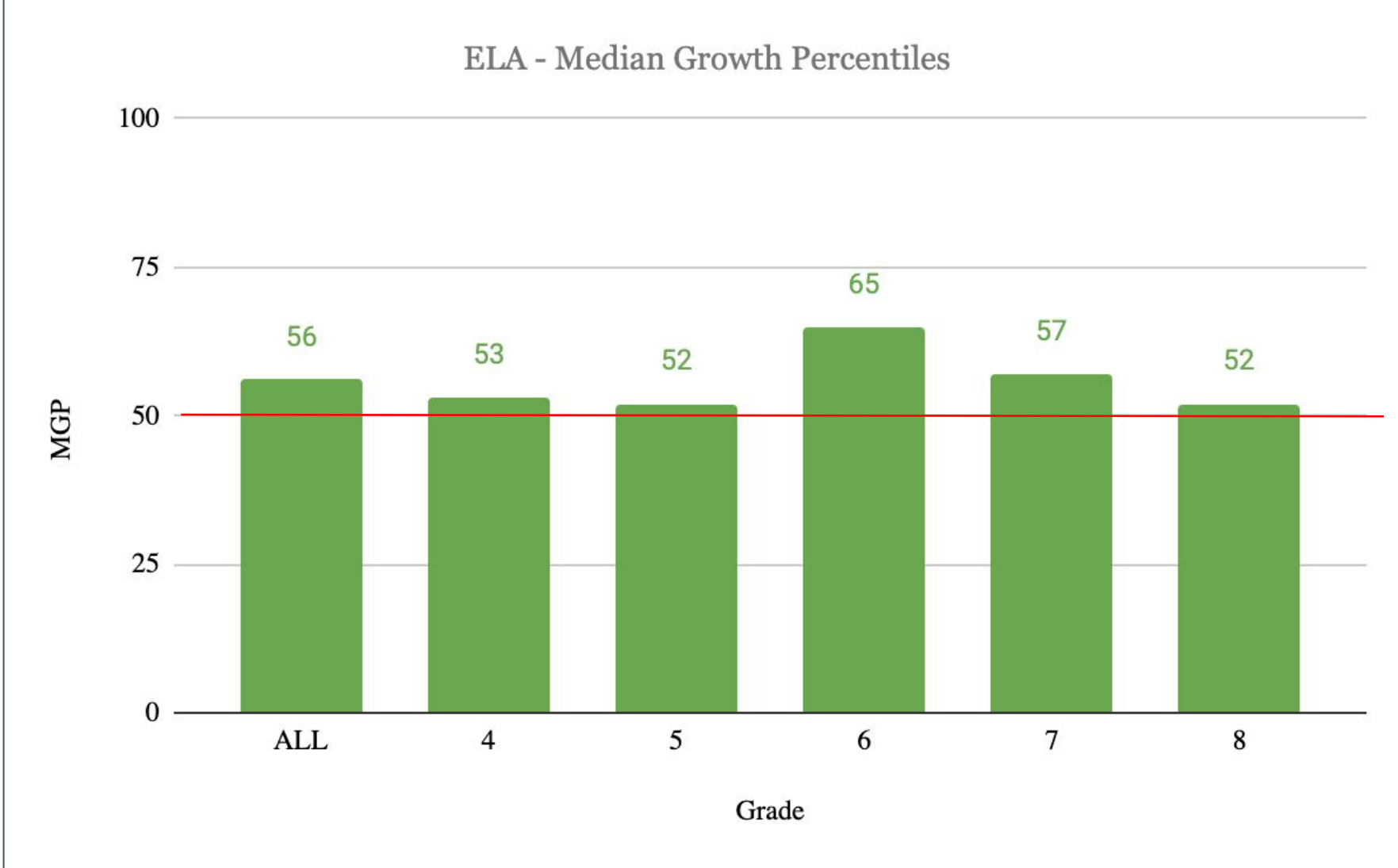
2023 CMAS Comparative Data



% Met or Exceeded Expectations

Source: Colorado Department of Education

ELA - Median Growth Percentiles

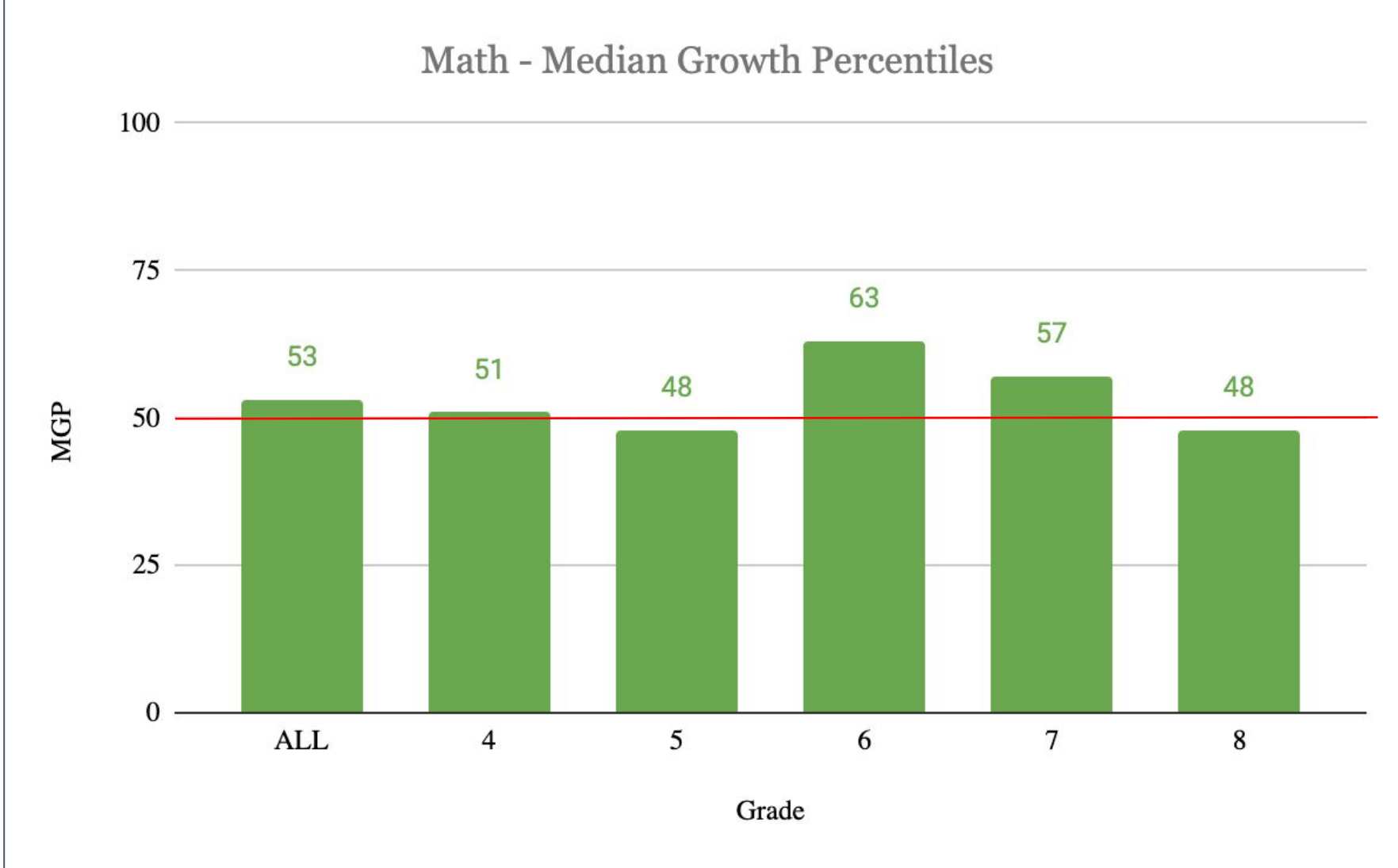


MEDIAN GROWTH PERCENTILES (MGP)

State MGP = 50

Source: Colorado Department of Education

Math - Median Growth Percentiles



MEDIAN GROWTH PERCENTILES (MGP)

State MGP = 50

Source: Colorado Department of Education



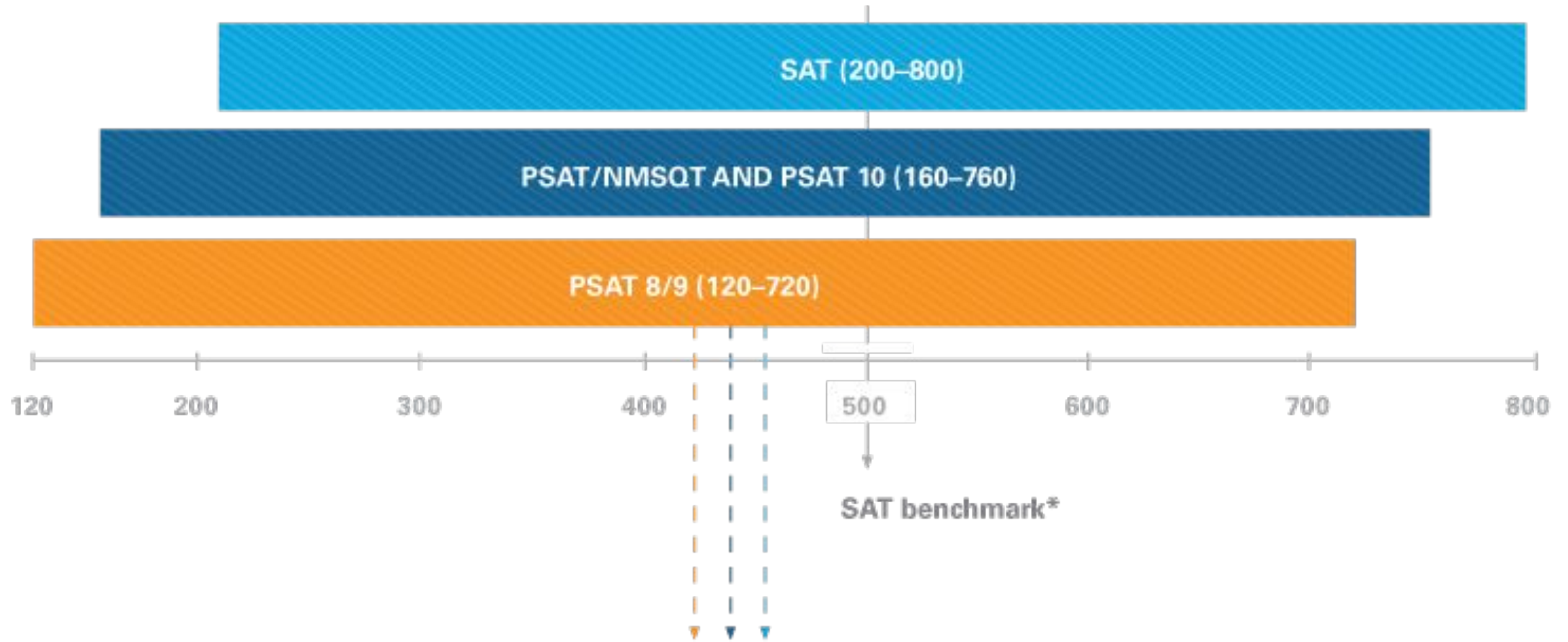
COLORADO HIGH SCHOOL ASSESSMENTS

PSAT™ 8/9
sets readiness
baseline

**PSAT/NMSQT®
and PSAT™ 10**
allow check-in on
student progress

SAT®
connects students
to college

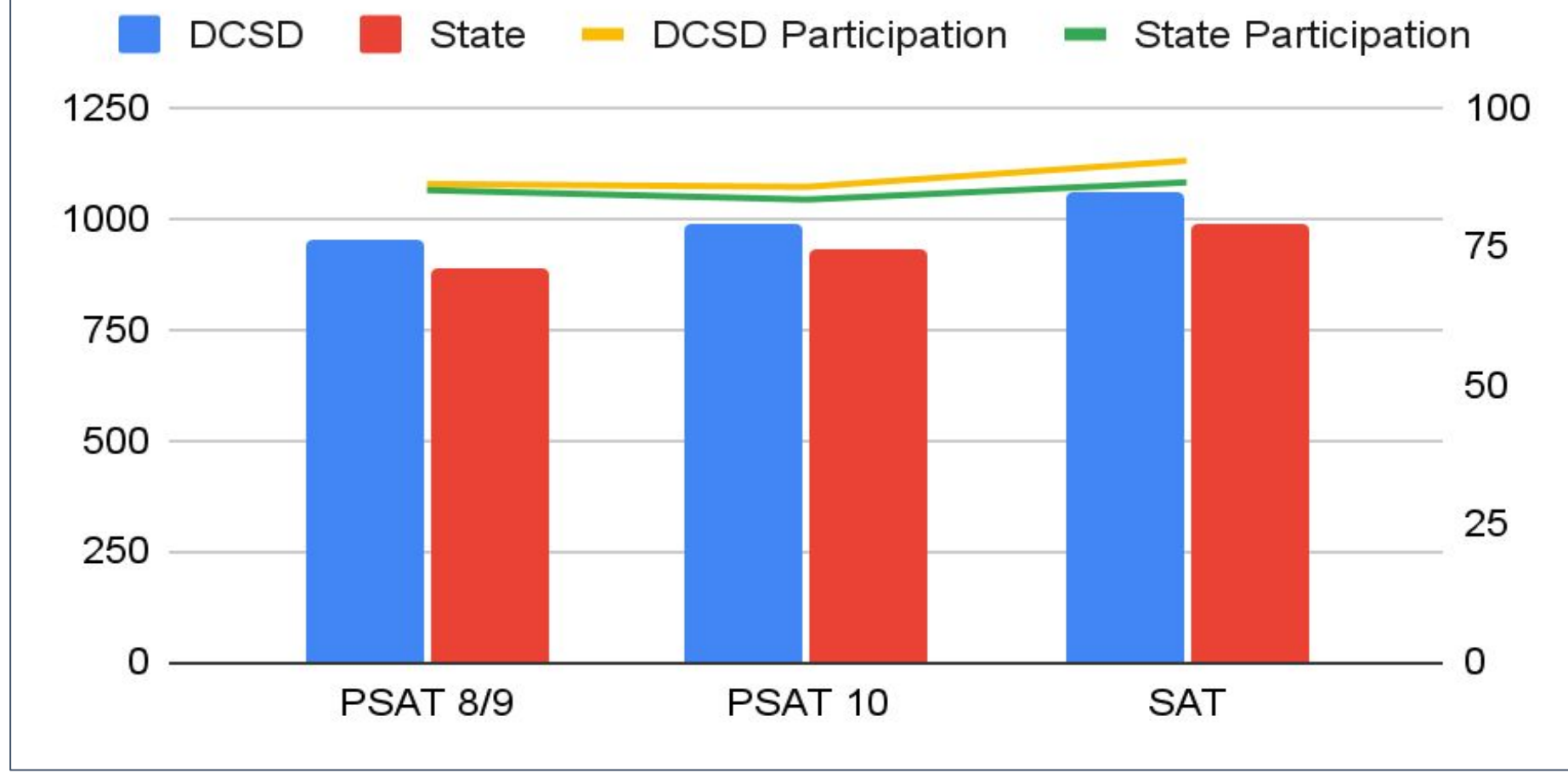
PSAT AND SAT SCORING



* Grade-level benchmarks will indicate if students are making "on target" progress toward the SAT benchmark.

Source: College Board

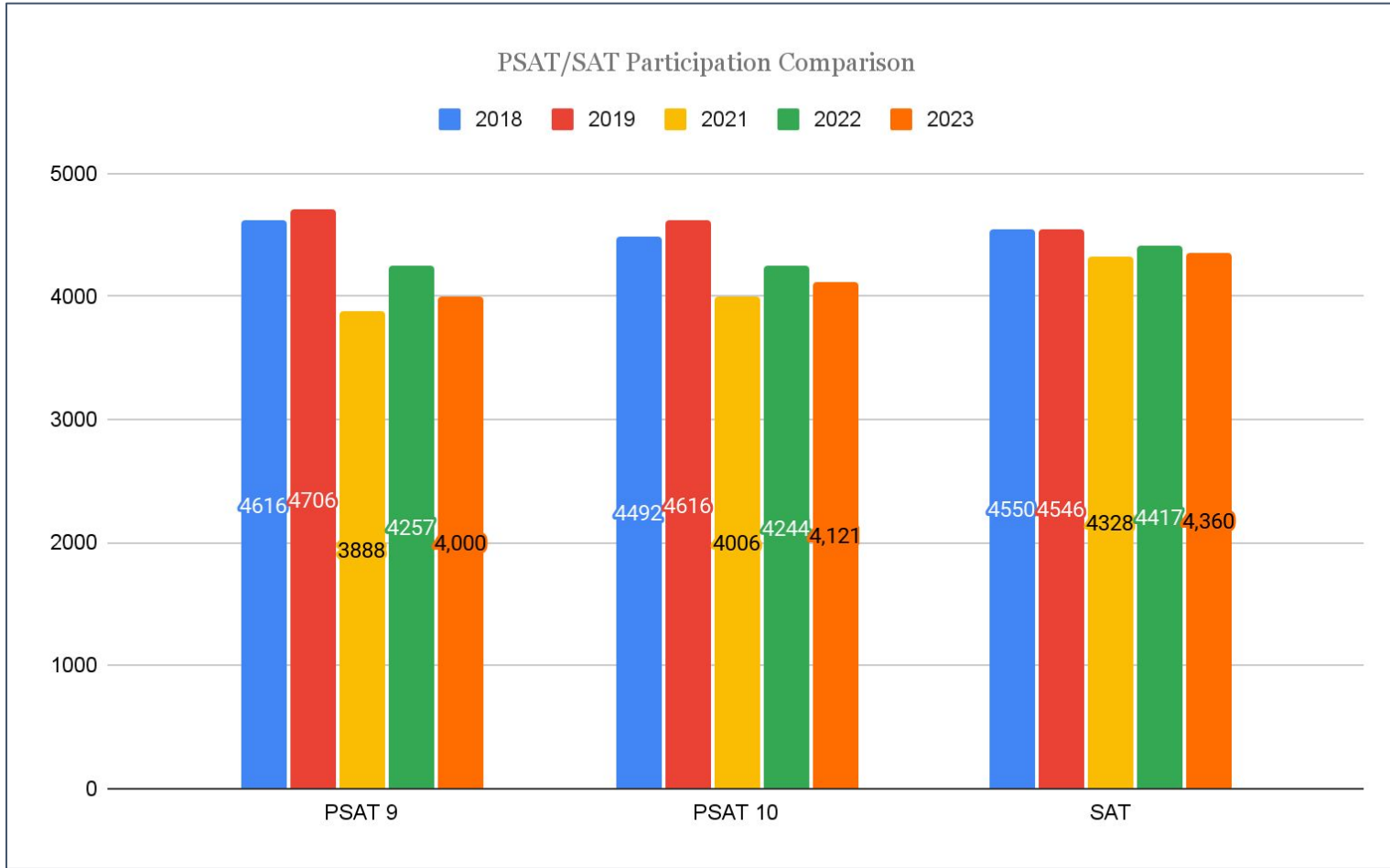
2023 PSAT/SAT Mean Scores and Participation



Mean Scale Scores

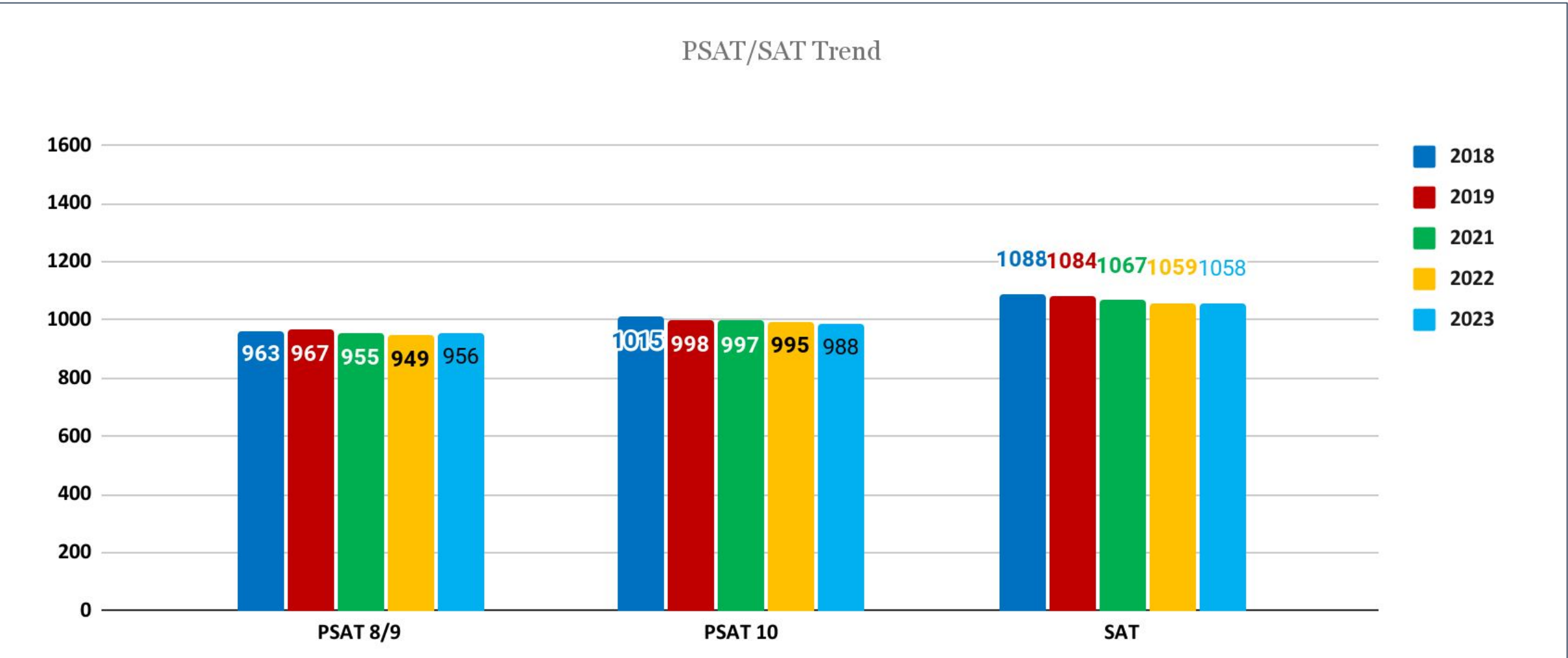
Source: Colorado Department of Education

PSAT AND SAT PARTICIPATION DATA



Test	2018	2019	2021	2022	2023
PSAT 9	91.80%	92.80%	80.10%	86.40%	86.30%
PSAT 10	91.60%	91.90%	82%	85.70%	85.80%
SAT	93.10%	94.80%	89.10%	88.70%	90.50%

PSAT/SAT Trend

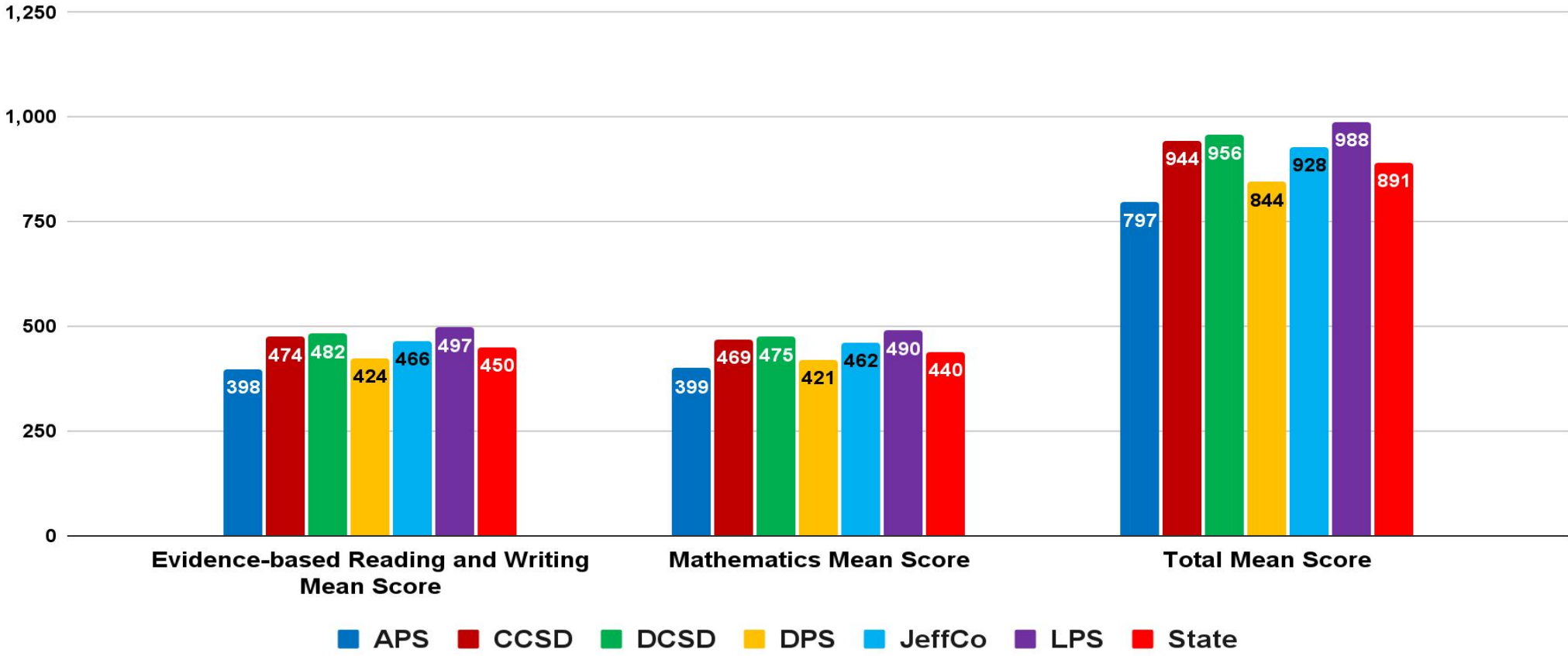


Mean Scale Scores

Source: Colorado Department of Education



2023 PSAT 9 Comparative Data

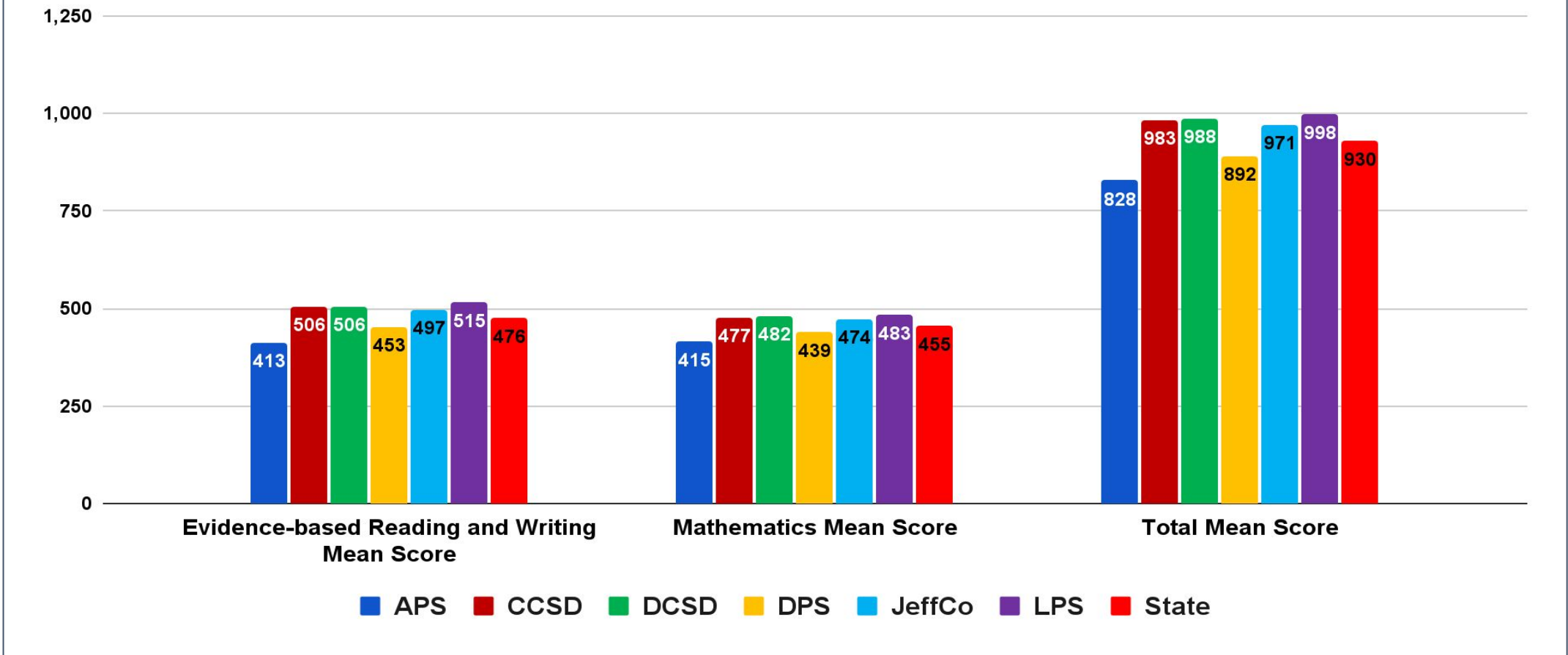


Mean Scale Scores

Source: Colorado Department of Education



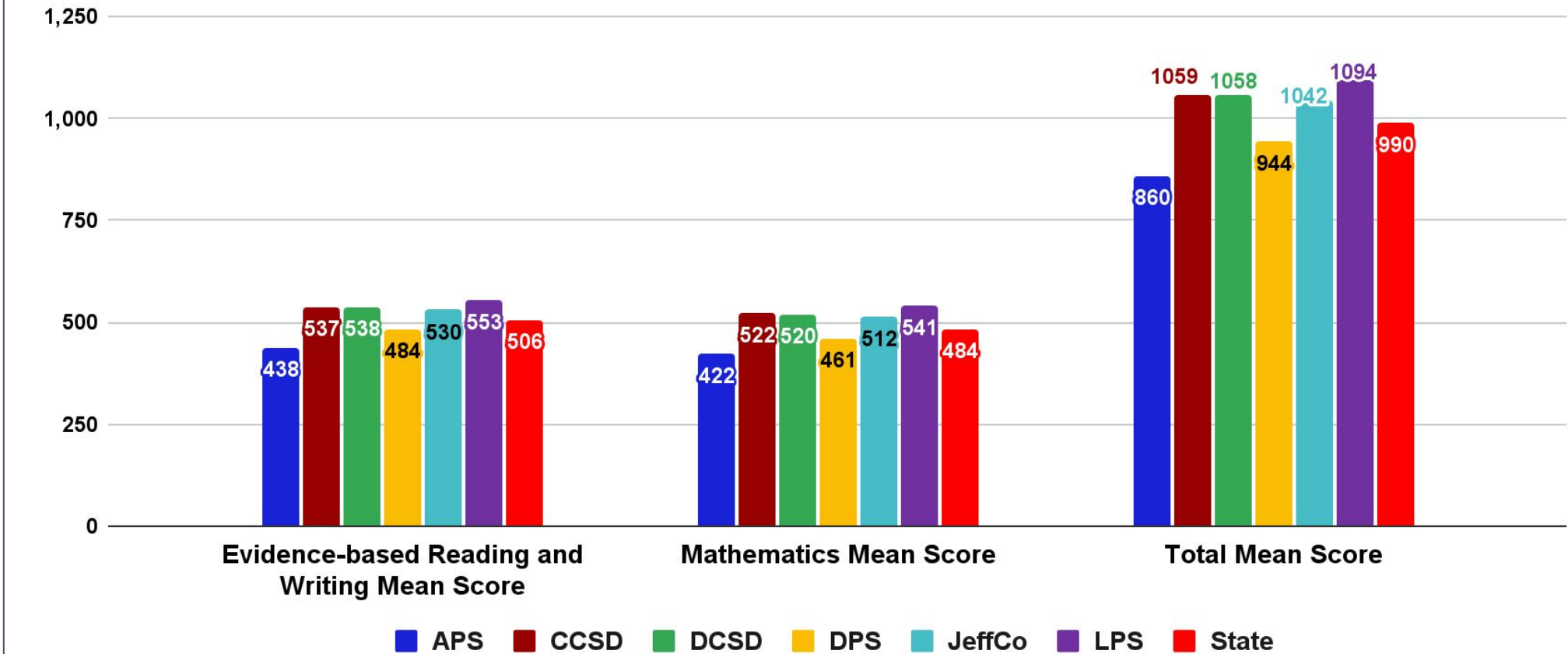
2023 PSAT 10 Comparative Data



Mean Scale Scores

Source: Colorado Department of Education

2023 SAT Comparative Data

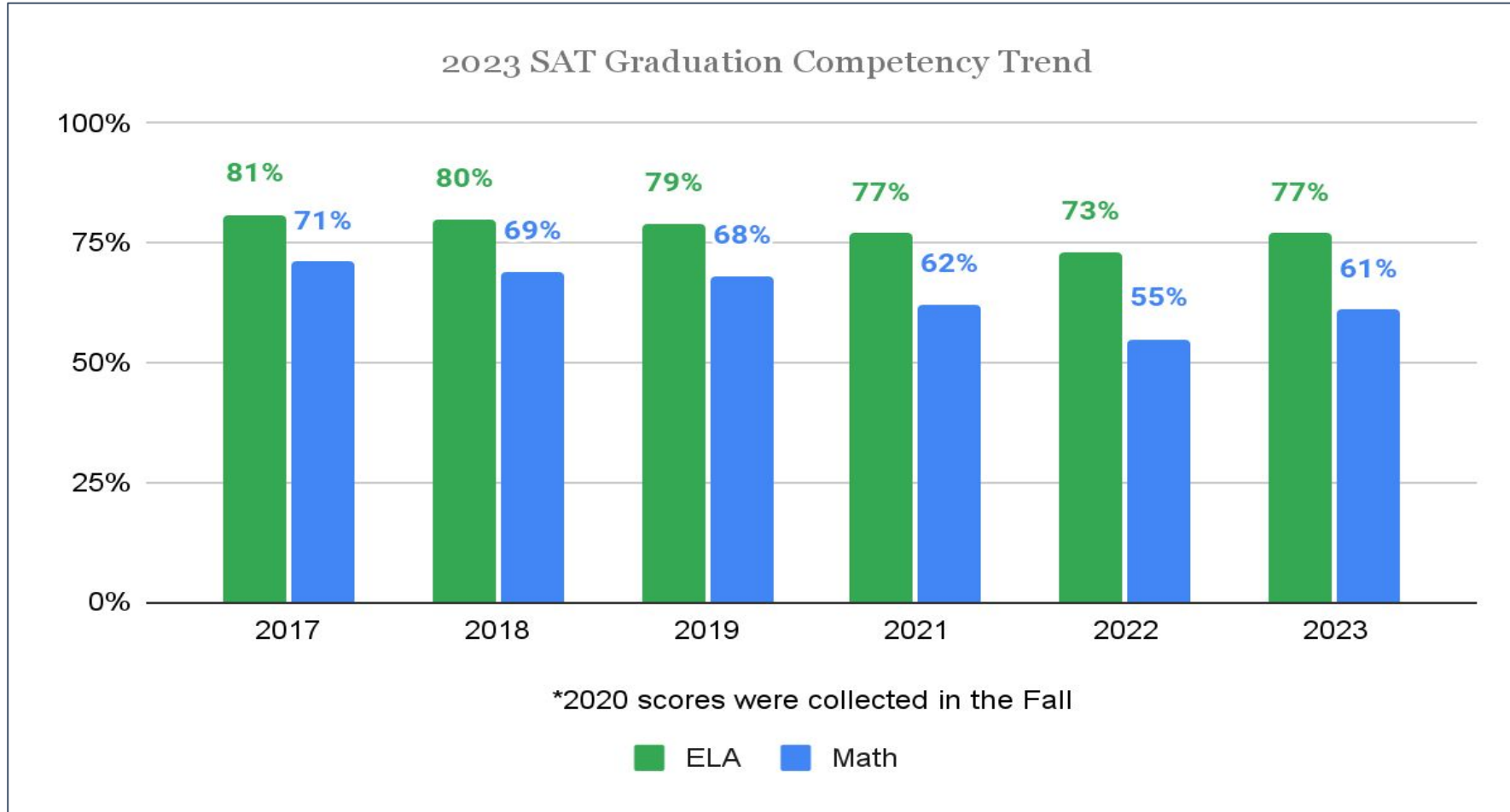


Mean Scale Scores

Source: Colorado Department of Education



GRADUATION COMPETENCY FOR SAT



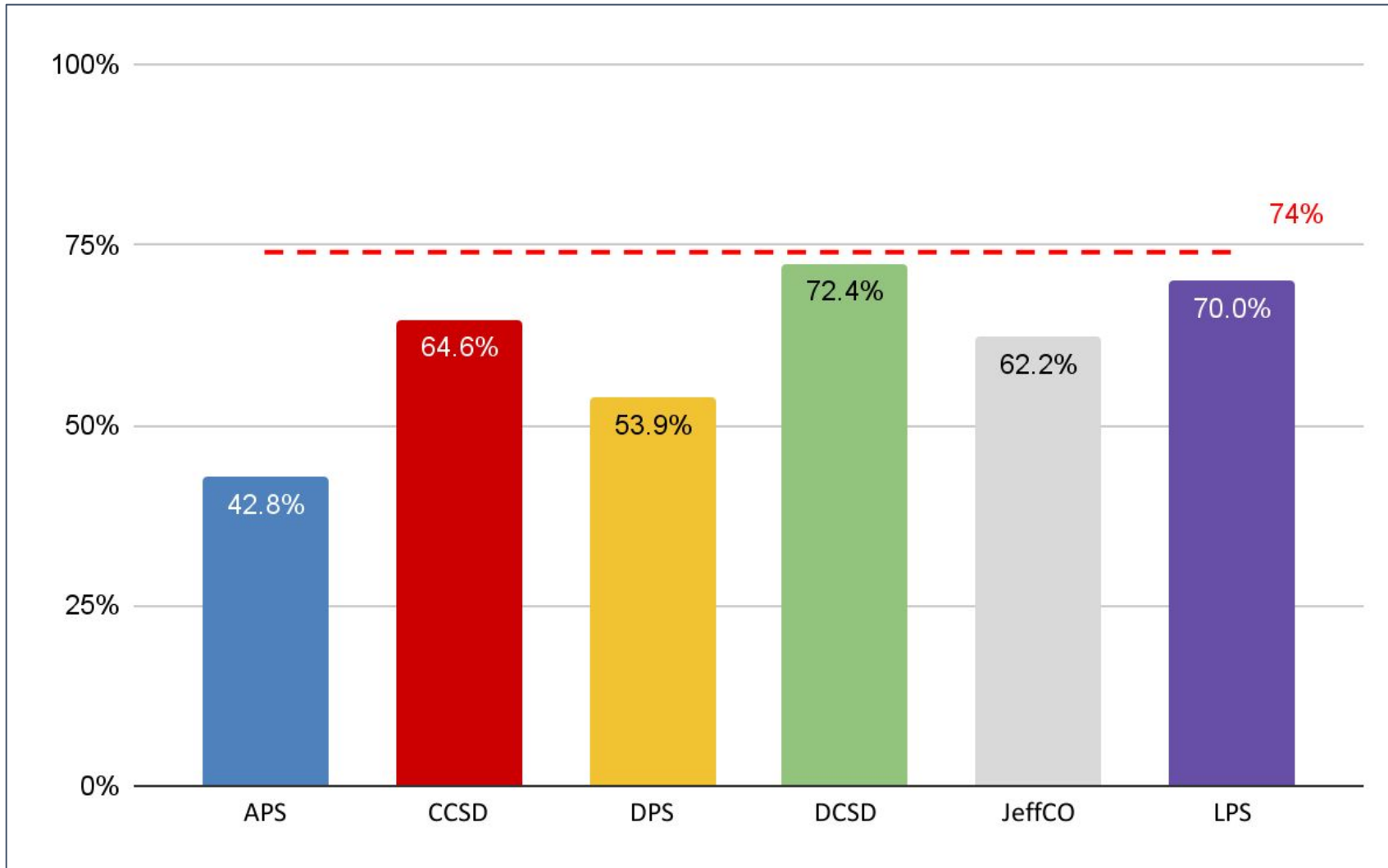
Competency Scores:

SAT*
470 – ERW
500 – Math

% MET MINIMUM COMPETENCY

Source: Colorado Department of Education and College Board

2023 Preliminary Performance Framework Data



Accreditation categories are based on the total percentage of points earned:

Accredited with Distinction:
74.0% - 100%

Accredited:
56.0% - 73.9%

Accredited with Improvement Plan:
44.0 - 55.9%

Accredited with Priority Improvement Plan:
34.0% - 43.9%

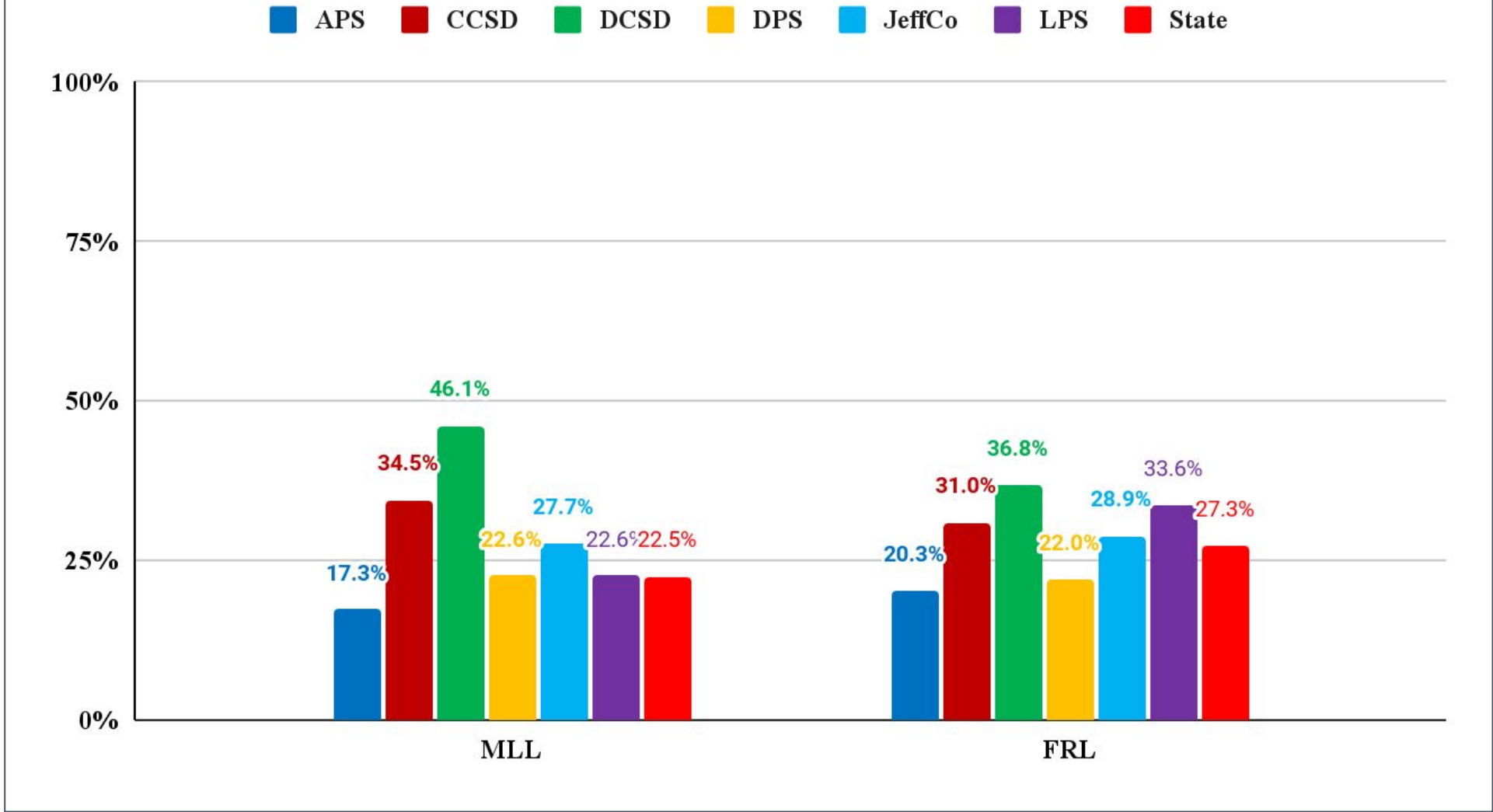
Accredited with Turnaround Plan:
0.0% - 33.9%

Insufficient State Data:
No reportable achievement and growth data

- Source: Colorado Department of Education

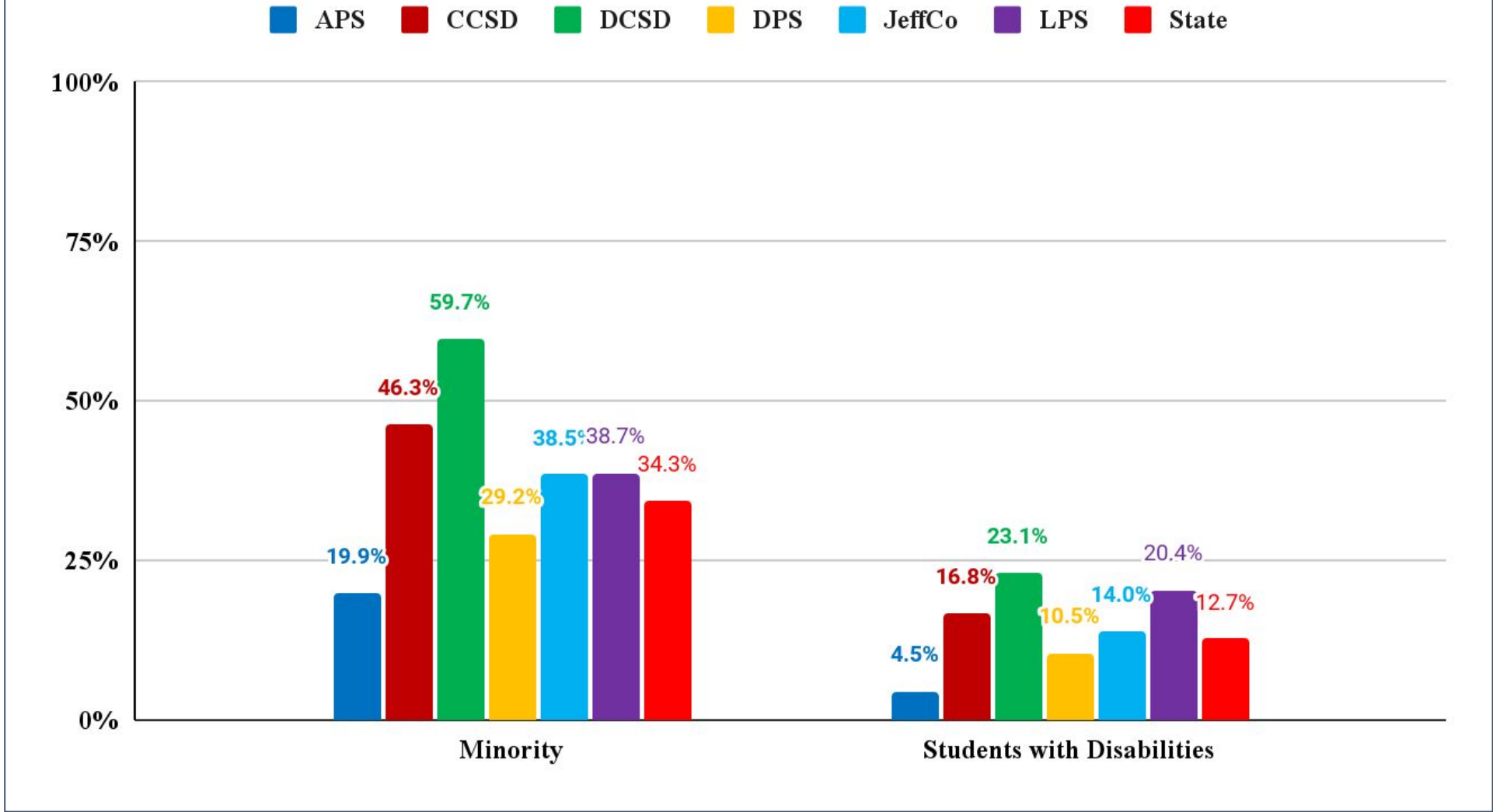
Questions?

2023 CMAS ELA Grade 5 - Percent Met and Exceeded



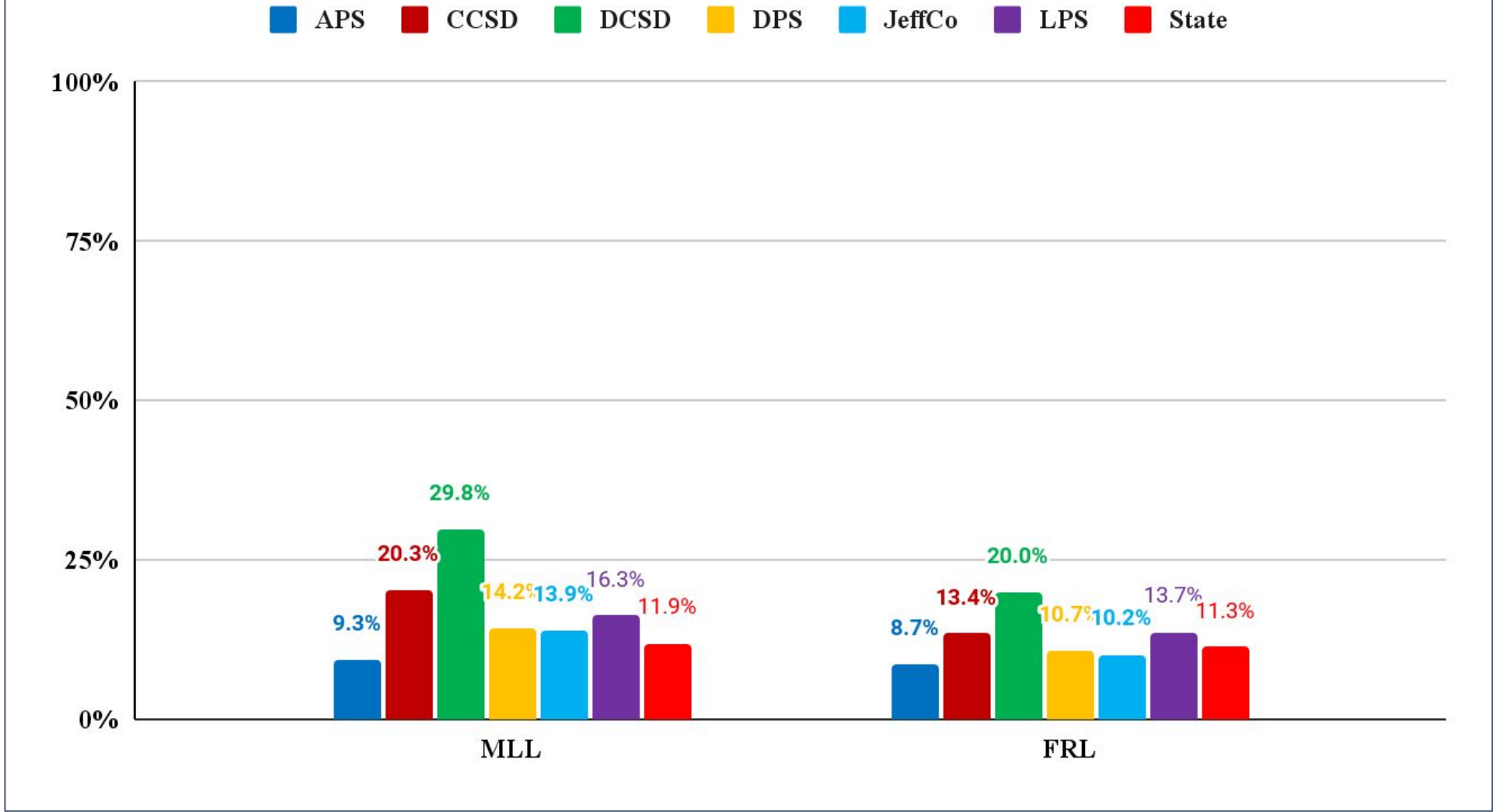
Source: Colorado Department of Education

2023 CMAS ELA Grade 5 - Percent Met and Exceeded



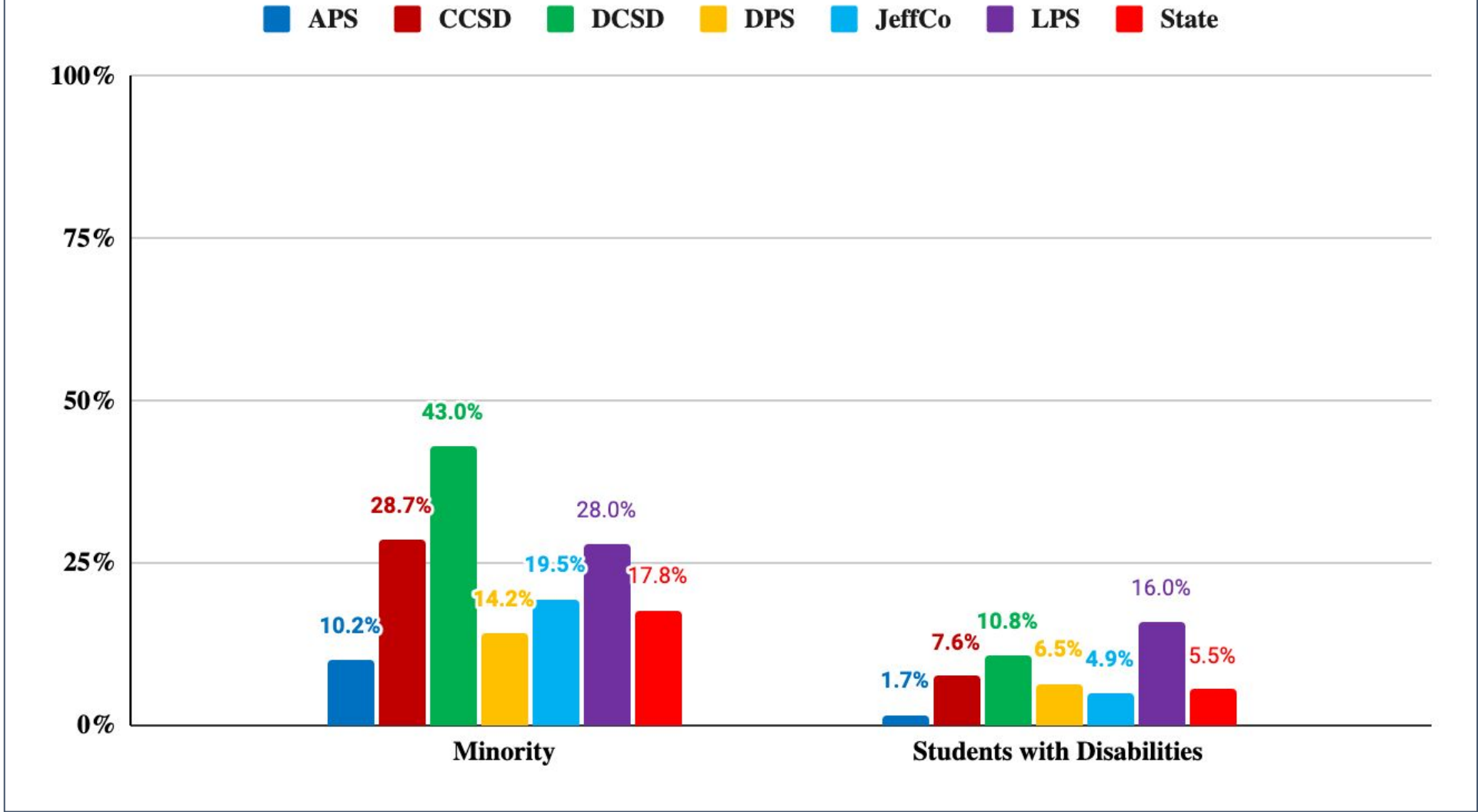
Source: Colorado Department of Education

2023 CMAS Math Grade 6 - Percent Met and Exceeded



Source: Colorado Department of Education

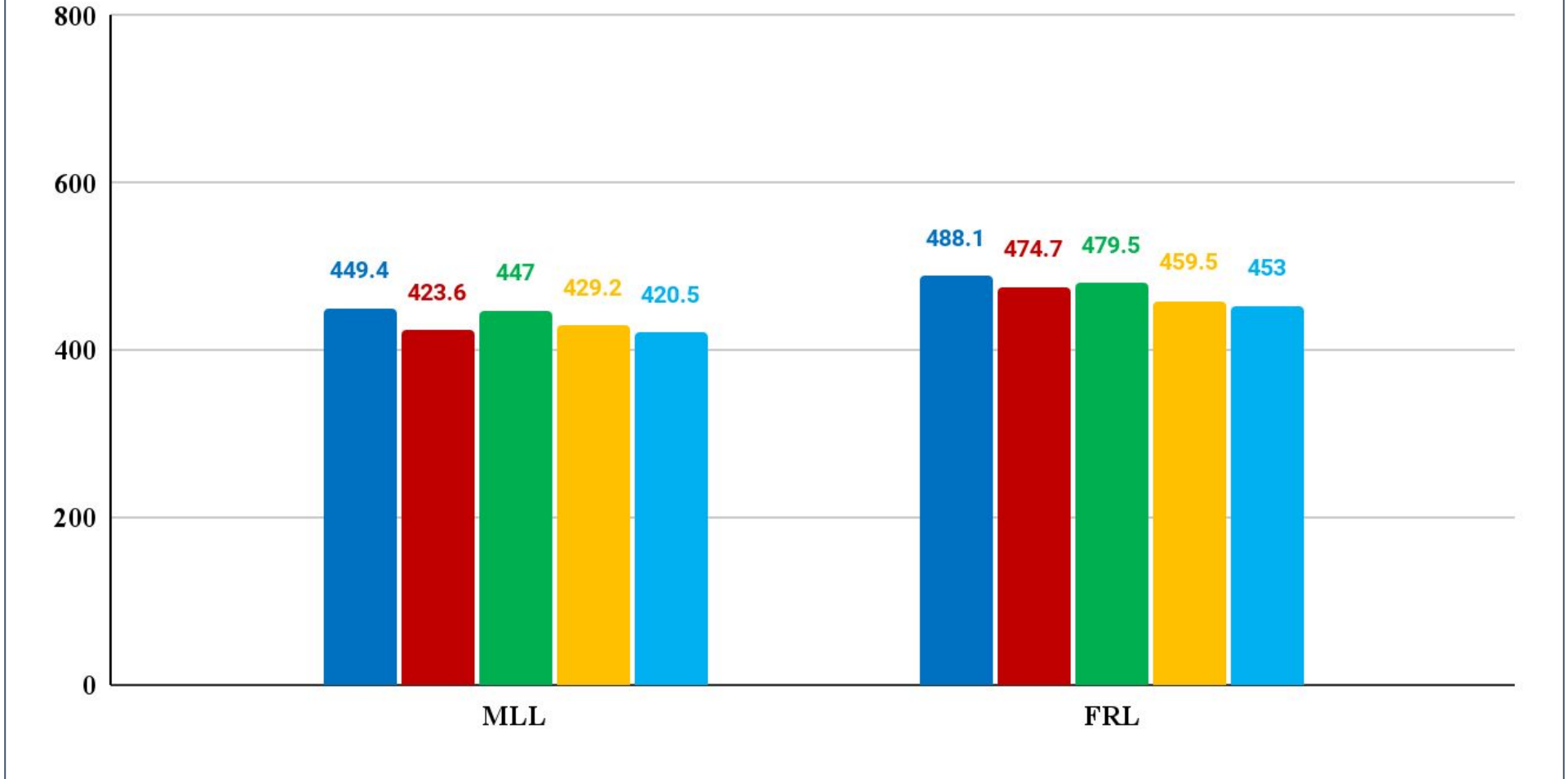
2023 CMAS Math Grade 6 - Percent Met and Exceeded



Source: Colorado Department of Education

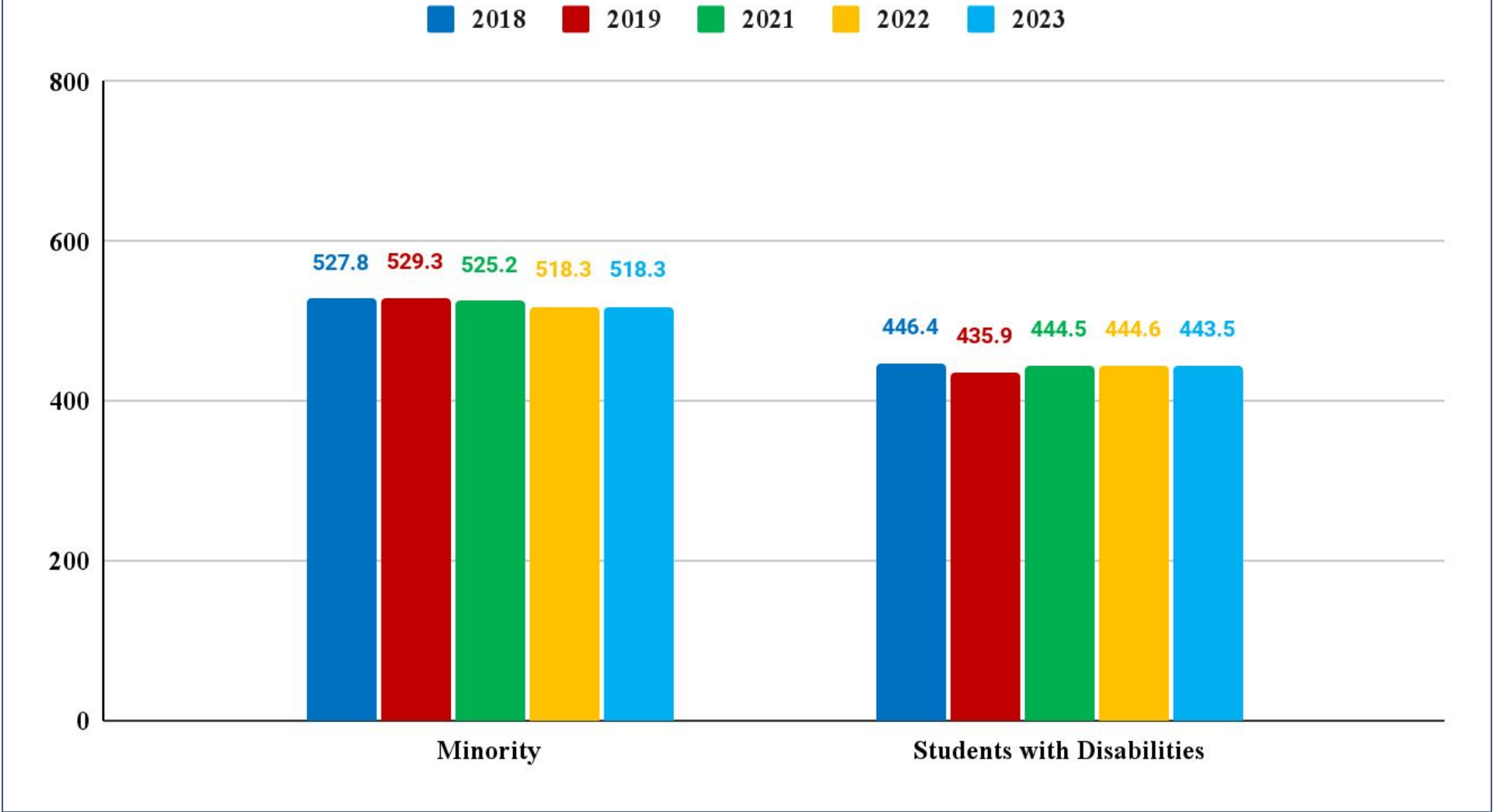
SAT EBRW Mean Scale Score

2018 2019 2021 2022 2023



Source: Colorado Department of Education

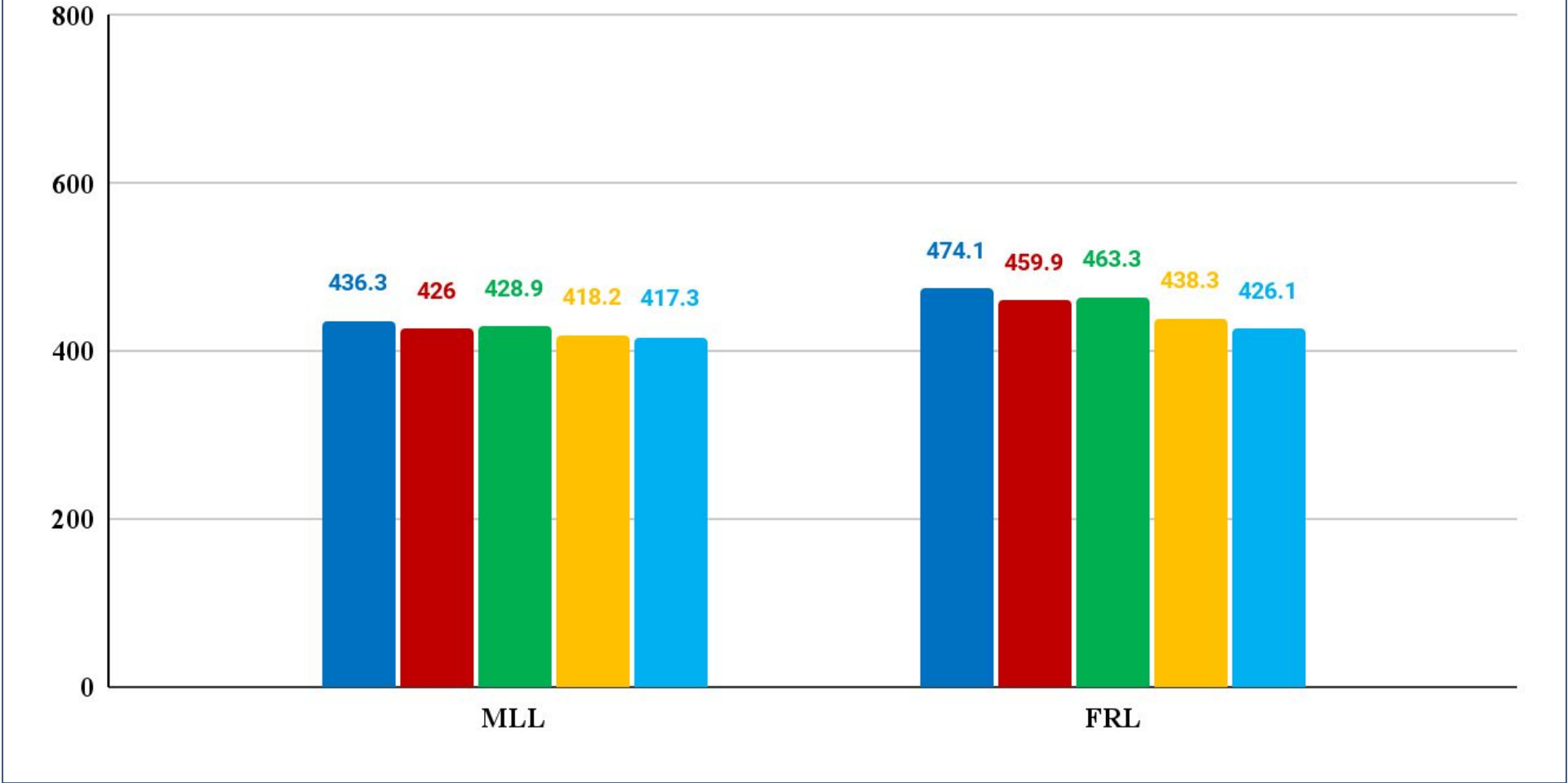
SAT EBRW Mean Scale Score



Source: Colorado Department of Education

SAT Math Mean Scale Score

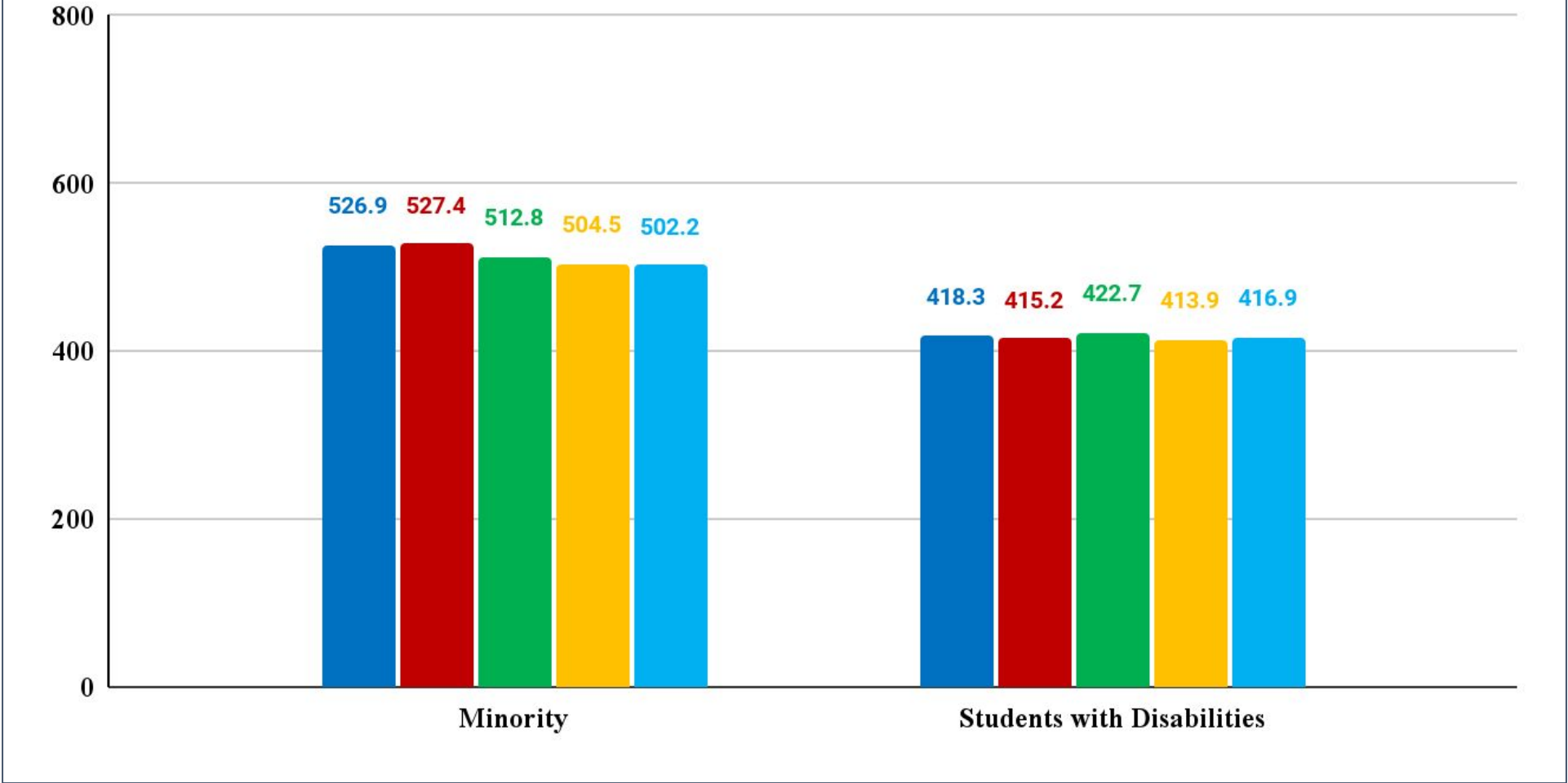
2018 2019 2021 2022 2023



Source: Colorado Department of Education

SAT Math Mean Scale Score

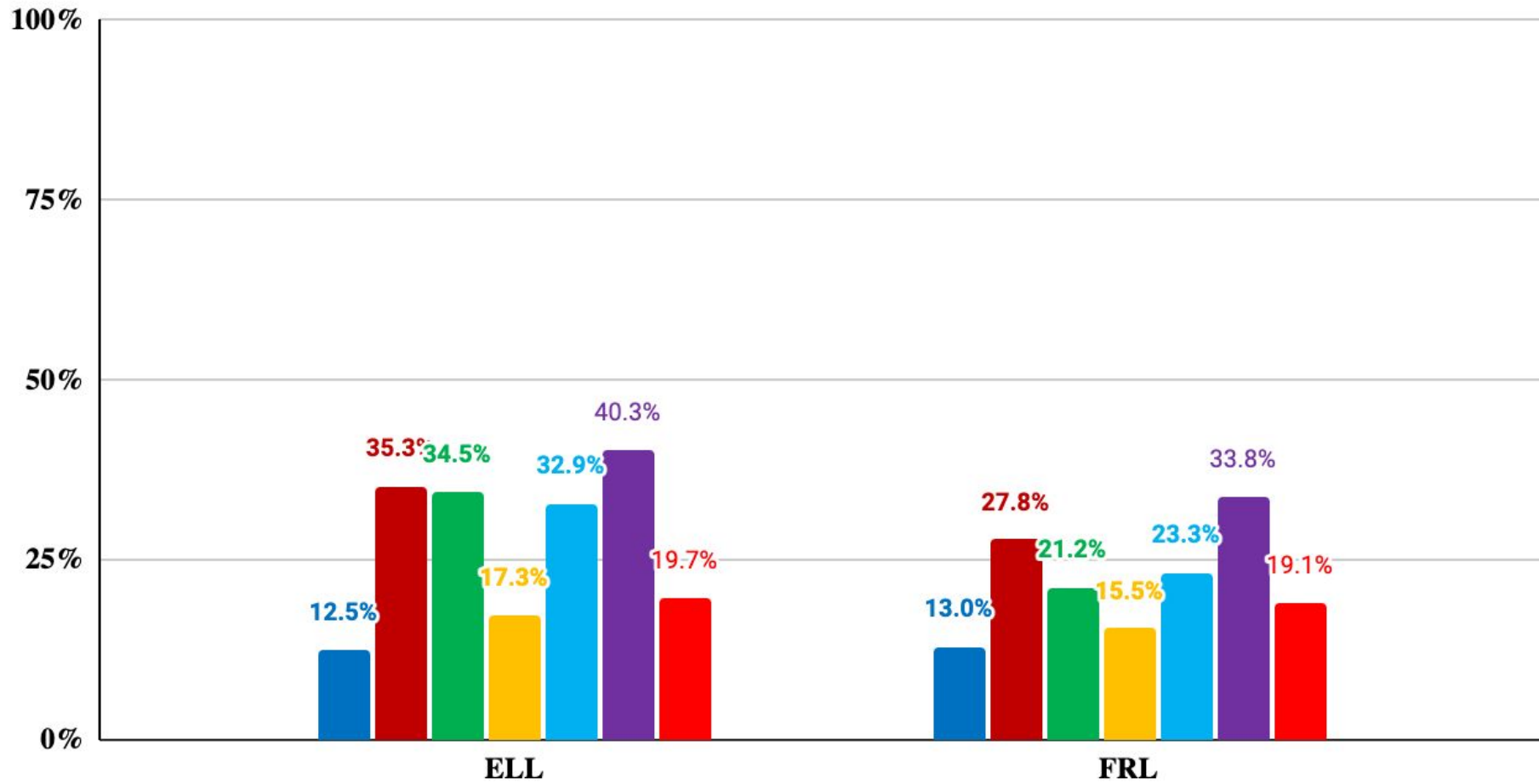
2018 2019 2021 2022 2023



Source: Colorado Department of Education

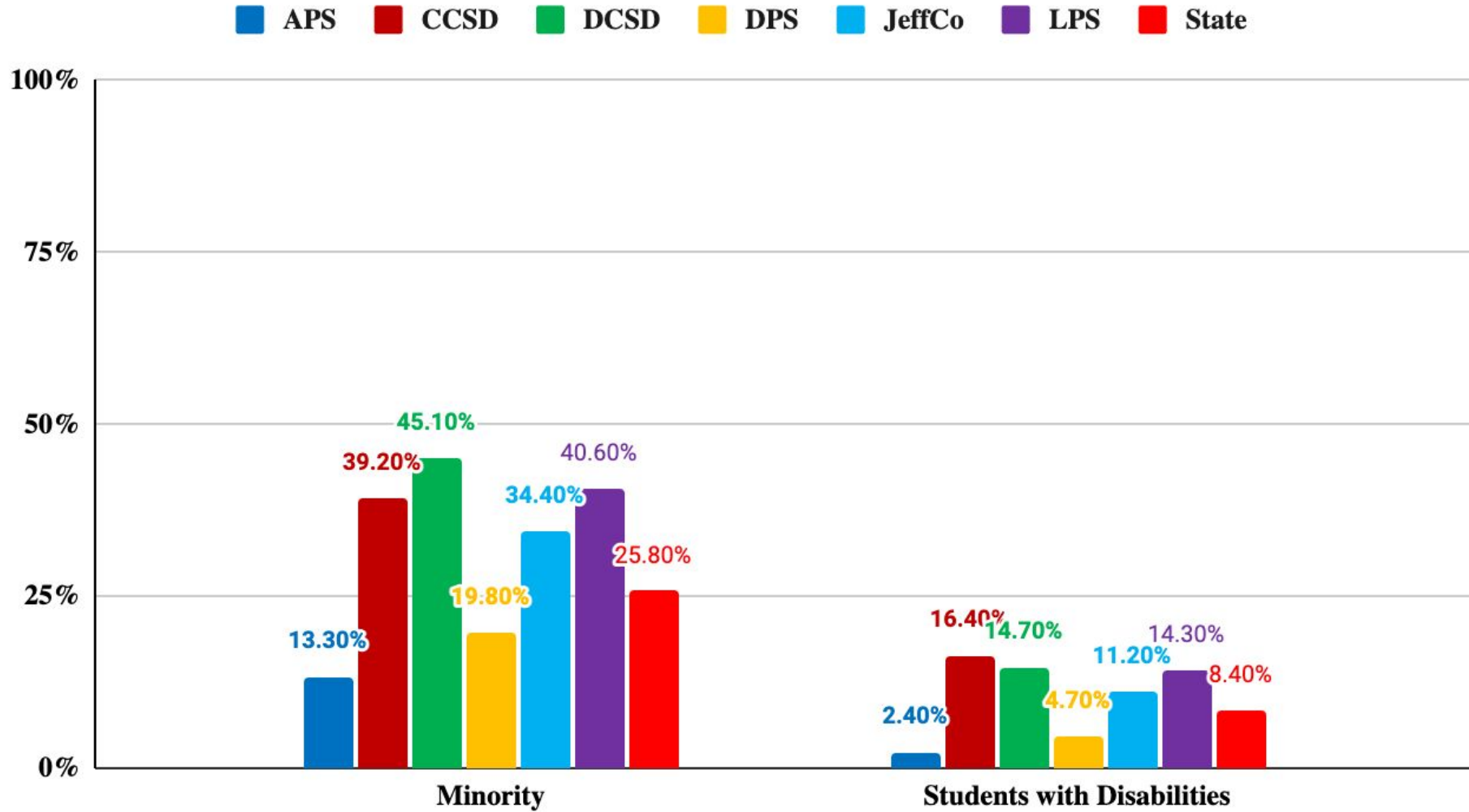
PSAT 10 Math - Percent Met and Exceeded

■ APS ■ CCSD ■ DCSD ■ DPS ■ JeffCo ■ LPS ■ State



Source: Colorado Department of Education

PSAT 10 Math - Percent Met and Exceeded



Source: Colorado Department of Education