

Student Learning Report

Dr. Jason Adams, Asst. Superintendent of Learning
Webster Groves School District
November 11, 2021

WGSD Portrait of a Graduate

Students will THRIVE as...

Thoughtful Communicators who...

- Listen to understand others with respect and an open mind, and interact with all people in a manner that's inclusive and respectful.
- Articulate well thought-out, researched, and/or spontaneous ideas, clearly and effectively, in a variety of informal and formal ways.
- Demonstrate integrity and ethical behavior.

Healthy and Resilient Individuals who...

- Understand and appreciate their uniqueness.
- Demonstrate care for their physical, mental and social well-being.
- Identify and access the necessary support for their needs.

Reflective Learners who...

- Believe in their own capacities to learn and grow.
- Persevere and learn through challenges and failures.
- Discover and nurture their passions.
- Reach goals through thoughtful planning.
- Demonstrate personal accountability and effective work habits.

Informed, Engaged and Empathetic Citizens who...

- Seek to understand the varied experiences and realities of others.
- Advocate for themselves and others using a lens of equity and justice.
- Actively participate in the democratic process.
- Are responsible stewards of resources and the environment.

Visionary and Creative Problem-Solvers who...

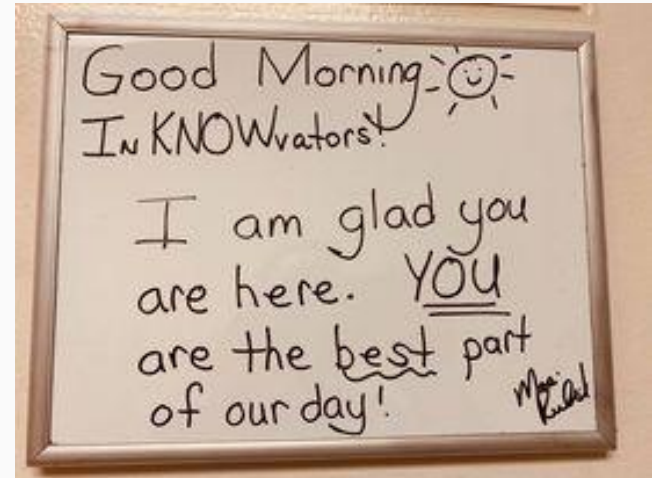
- Ask and explore questions out of interest or need.
- Analyze issues in an objective manner to arrive at a solution, insight or opinion.
- Demonstrate curiosity and adaptability while exploring novel solutions to problems.
- Leverage existing resources, human, digital and otherwise, to ethically and efficiently solve problems, complete tasks, and accomplish goals.

Effective Collaborators who

- Invest in shared goals, work, and responsibilities.
- Value, respect and leverage the diverse thoughts, strengths and talents of others to achieve common goals.
- Advocate for their ideas and demonstrate willingness to seek and respond to constructive criticism.

Data Points to Consider When Evaluating School District Success

- Multiple Indicators of Academic Performance
 - Achievement Scores
 - Course Offerings/Programming
 - Dual Credit
 - Advanced Placement
 - Graduation Rates
 - Post-secondary Success
- Attendance Rates
- Extra-Curricular Activities
- School Climate
- Quality and Experience of Staff



Student Learning Overview

The following points are supported by slides 13-44.

- The pandemic of the last two years had an impact on some aspects of student achievement across our nation, our state, and our district.
- While achievement declines exist, WGSD remains above state and national norms.
- Overall WGHS Graduation Rates experienced a slight decline in spring of 2021, but hold steady in comparison to previous years.
- WGHS African American Graduation Rates hold steady in 2021, but are below the overall WGHS Graduation Rate by 6.4 percentage points.
- WGHS Graduation Rates for students benefiting from a Free or Reduced Priced Lunch decreased in 2021 and are below the overall WGHS Graduation Rate by 16.8 percentage points.
- WGHS students participating in post secondary experiences declined in 2021 from 2020 for overall graduating students, African American students, and students benefiting from Free or Reduced Priced Lunch.
- Overall attendance rates remain steady, while a 5+ percentage difference exists between overall attendance rates and attendance rates for African American students and students who benefit from a Free or Reduced Priced Lunch.



Student Learning Overview

The following points are supported by slides 13-44.



- The percentage of WGHS graduates scoring above state standards on indicators for College and Career Readiness decreased in 2021 for our overall population and for our African American students. Students benefiting from a Free or Reduced Priced Lunch experienced an increase in this area from 2020 to 2021. Composite ACT scores increased from 2020 to 2021 (average score of 23.6) while nationwide there was a slight decrease. Scores for the state of Missouri remained the same.
- For comparison, prior to the pandemic, the 2019 Composite ACT score for WGHS students was 23.8. This was the 5th highest composite score for all public school districts in St. Louis City, St. Louis County, and St. Charles County.
- WGHS students continued to perform on the SAT above the state and national norms.
- There was a slight increase in qualifying scores on the AP Exam and IRC and qualifying grades in AP, Dual Credit, or Dual Enrollment for WGHS students overall. After a notable increase in 2020, there was a decline on these scores for African American students in 2021.
- There was a decrease in 2021 in student participation in AP courses and Dual Credit courses at WGHS.
- There was an increase in 2021 in student participation in Weighted Classes at WGHS.

Student Learning Overview

The following points are supported by slides 13-44.

- MAP scores statewide declined in ELA, Math, and Science.
- DESE has recommended not comparing MAP scores from 2021 to previous years.
- WGSD increased dramatically in the number of LNDs (Level Not Determined) for the 2021 than in previous years. This increase was even higher for African American students, students with IEPs, and students who benefit from a Free or Reduced Priced Lunch.
- Overall WGSD students performed above the statewide average in the 2021 MAP assessment.
- A difference exists between overall 2021 MAP scores and the achievement scores of African American students, students with IEP's, and students benefiting from a Free or Reduced Priced Lunch.
- NWEA is our internal benchmark assessment system. There was a decrease in the national norm for 2021. WGSD students also experienced this decrease, while also scoring about the national norm, which is consistent with performance from previous years.



Unique Learning Experiences

THRIVE

Chelsea Center

Authentic Industrial Tech
Experiences

Gifted Fine Arts Program



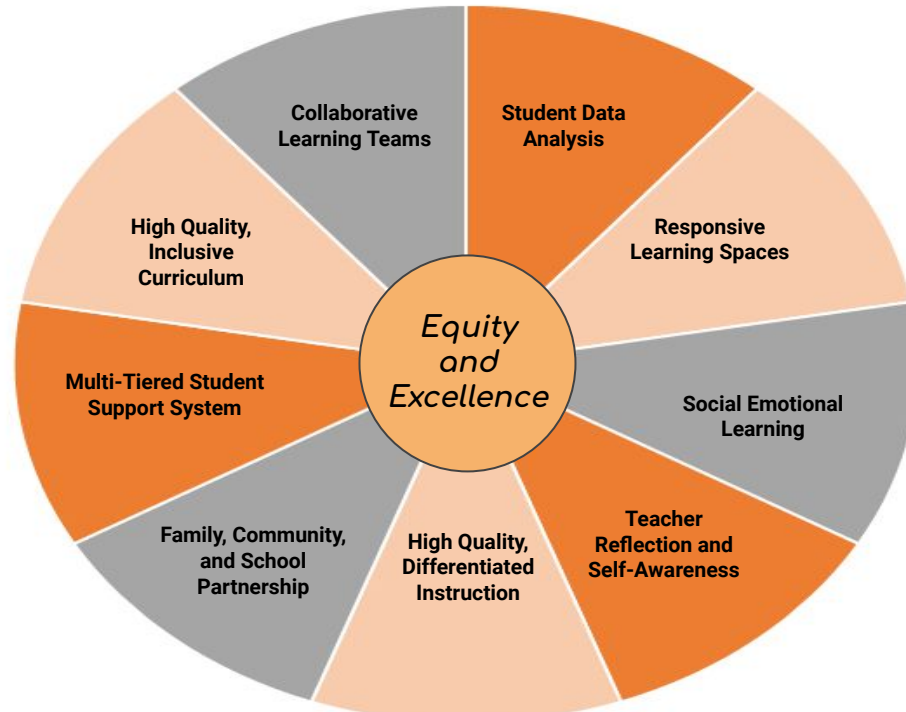
Robust Foreign Language
Experiences

Enrichment for All Computer
Science Program

Unique Elective Experiences

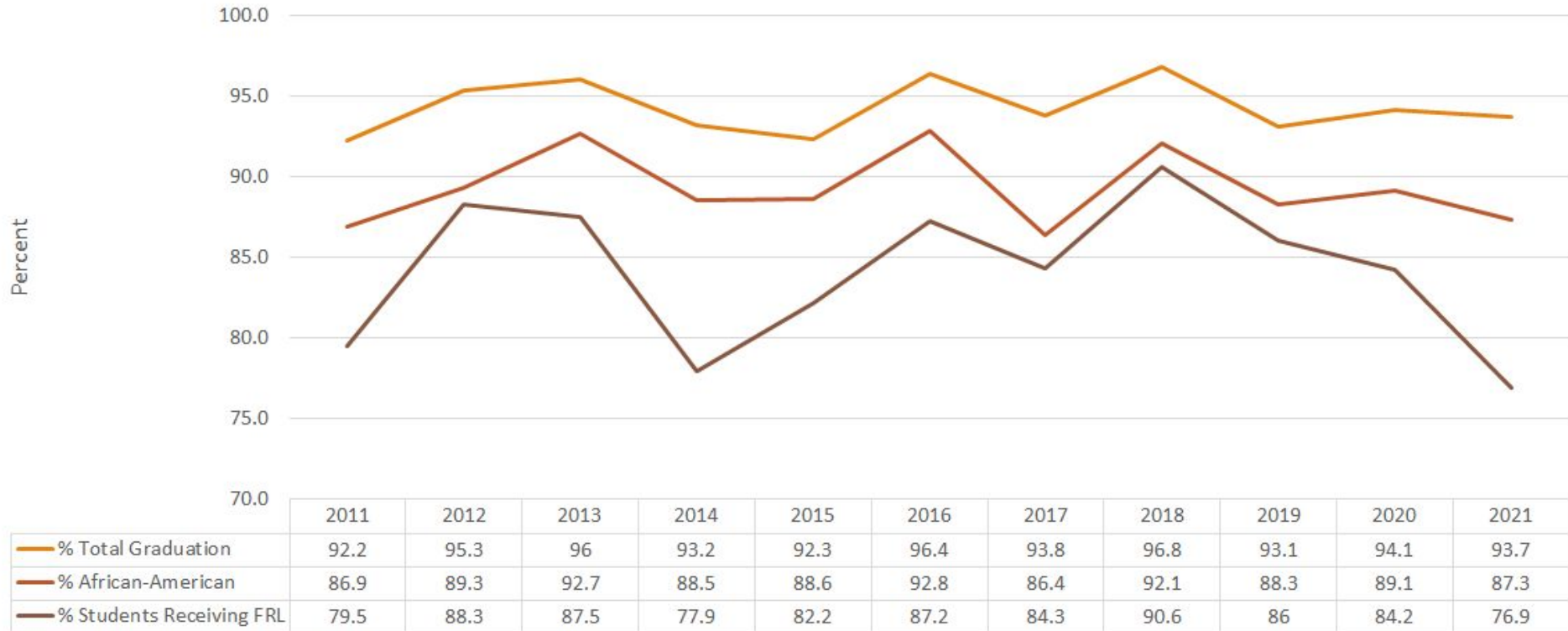
Extra Curricular Experiences

Striving for Equity and Excellence

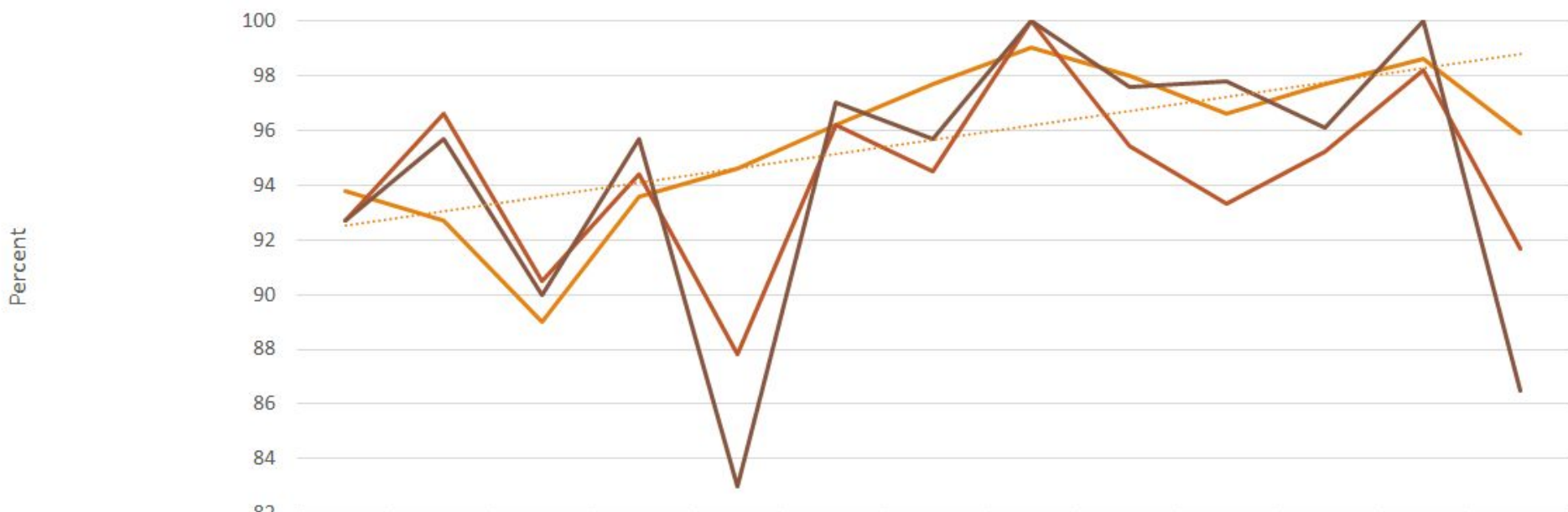


Supporting Data

Graduation Rates



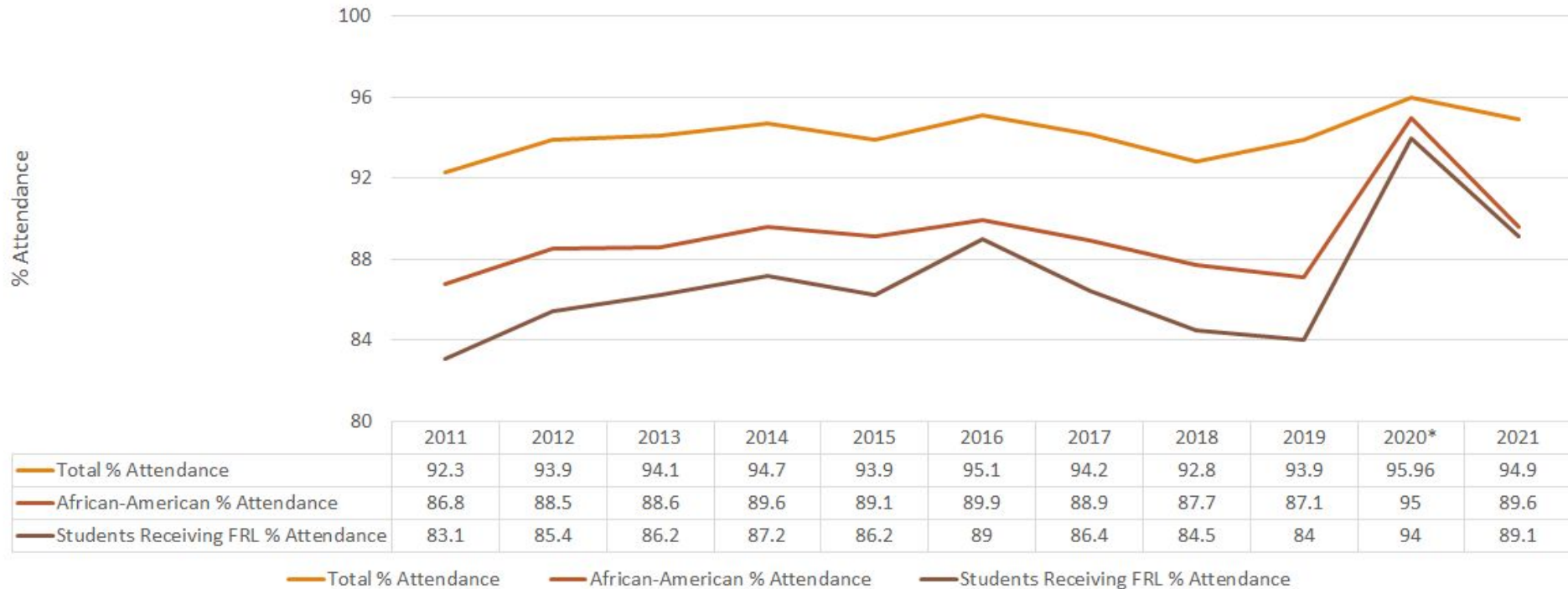
Graduates who attend Post Secondary Education or Training, are in the military, who complete a Department Approved Career Education program and are placed in an occupation directly related to their training.



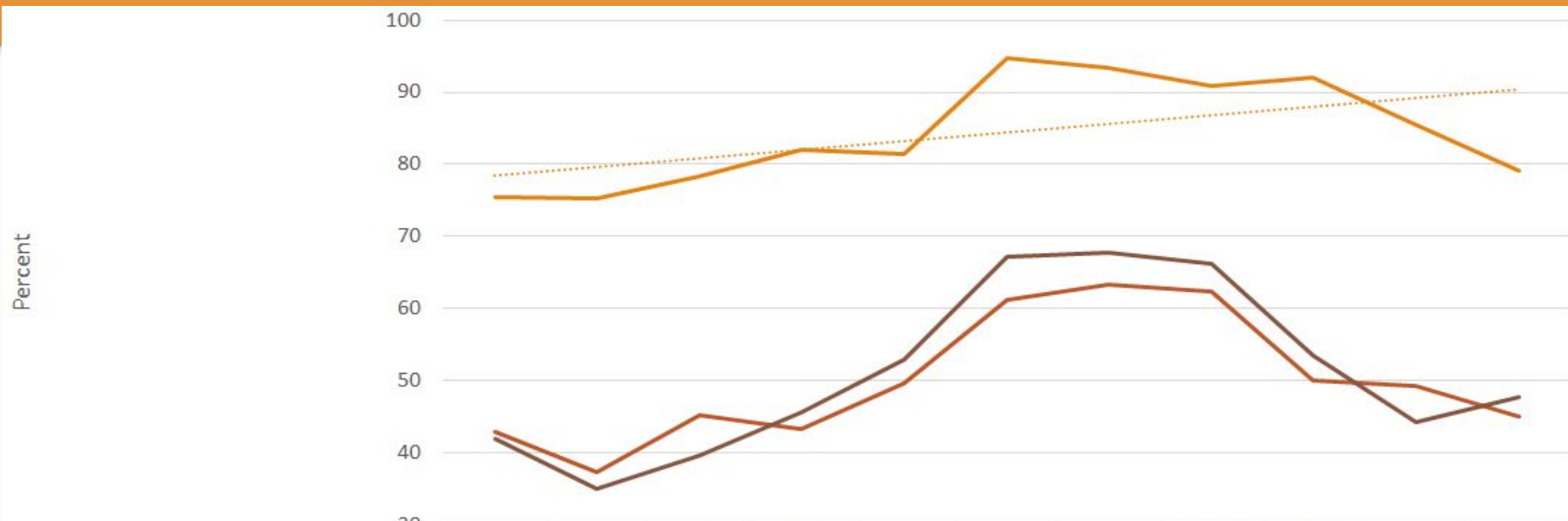
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
% of graduates	93.8	92.7	89.0	93.6	94.6	96.2	97.7	99.0	98.0	96.6	97.7	98.6	95.9
% of African-Americans	92.7	96.6	90.5	94.4	87.8	96.2	94.5	100	95.4	93.3	95.2	98.2	91.7
% Students Receiving FRL	92.7	95.7	90	95.7	83	97	95.7	100	97.6	97.8	96.1	100	86.5

Attendance Rates

% of Students Attending School
at least 85% of the time

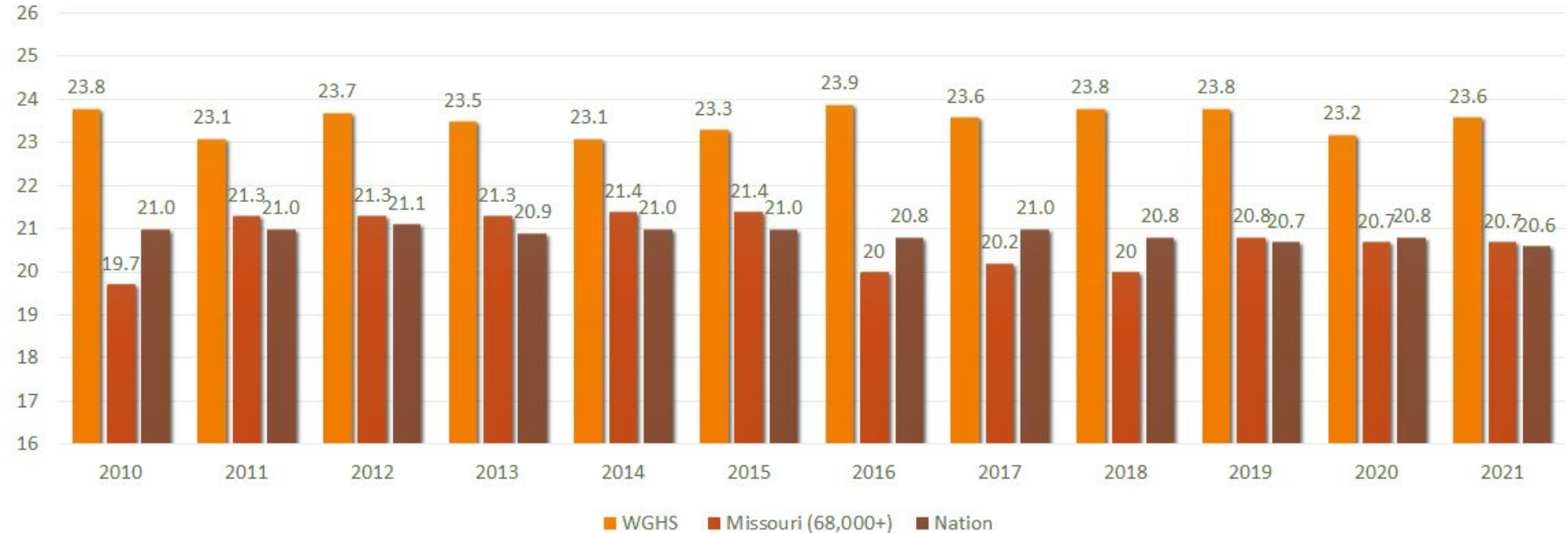


% of Graduates Scoring Above State Standards for College & Career Readiness (ACT, SAT, COMPASS, ASVAB)



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
% at or above state average (268/314)	75.4	75.3	78.4	82.1	81.4	94.7	93.4	90.9	92	85.5	79.2
% of African-Americans (29/59)	42.8	37.2	45.2	43.2	49.7	61.2	63.3	62.3	50	49.2	45
% Students Receiving FRL (23/52)	41.9	34.9	39.6	45.6	52.9	67.1	67.8	66.2	53.5	44.2	47.6

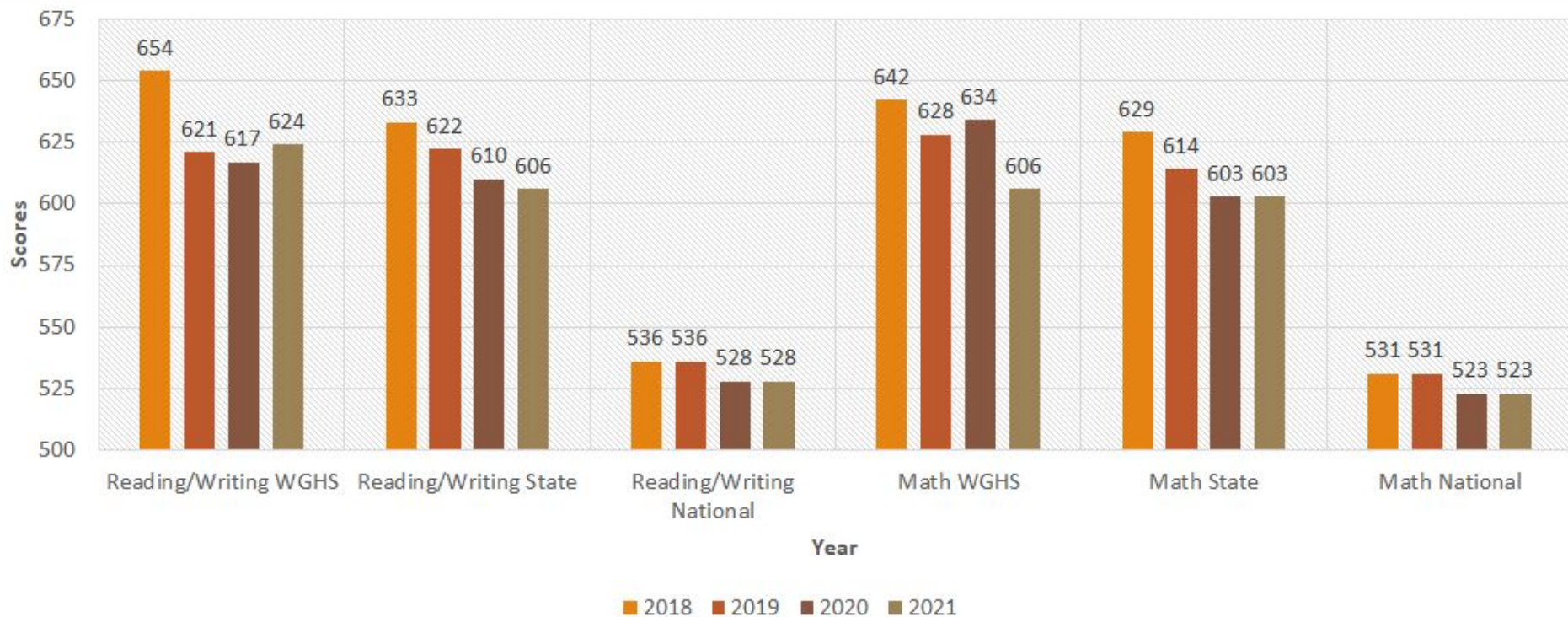
Overall ACT Composite Score Comparison for Graduating Seniors



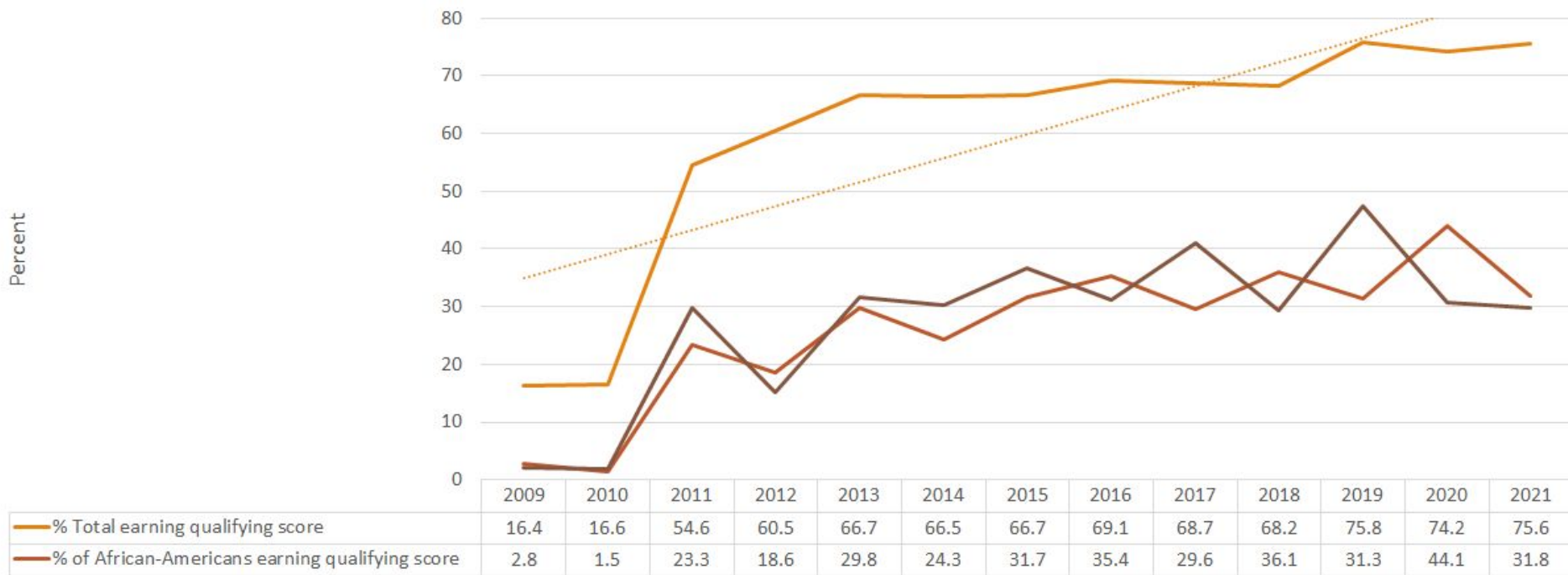
ACT Comparison Chart 2019

School District	Composite ACT Score	% of Graduates tested	% of Graduates who took the test and scored higher than the National Average
STL/STCH County SD	26.2	92.20	78.72
STL/STCH County SD	26.1	92.70	78.01
STL/STCH County SD	24.5	90.40	73.40
STL/STCH County SD	24.2	96.10	70.51
Webster Groves	23.8	95.40	69.70
STL/STCH County SD	23.7	94.40	67.71
STL/STCH County SD	23.1	92.80	65.00
STL/STCH County SD	22.9	96.90	58.73
22 other STL/STCH County SD	22.5 or below	87.40 or below	61.81 or below

SAT Scores



Qualifying Scores on the AP Exam, IRC, or a Qualifying Grade in AP, Dual Credit and/or Dual Enrollment



Understanding Advanced Placement and Dual Credit

Advanced Placement (AP) Courses

- 18 current courses offered @ WGHS
- Staff need AP training within first two years of teaching the course (can be completed in a week or two)
- syllabus is submitted to College Board, credit based on score of AP test and willingness of the school to accept
- cost nominally \$100 per test, College Board cover FR Lunch qualifying students cost to about 60%

Dual Credit Courses

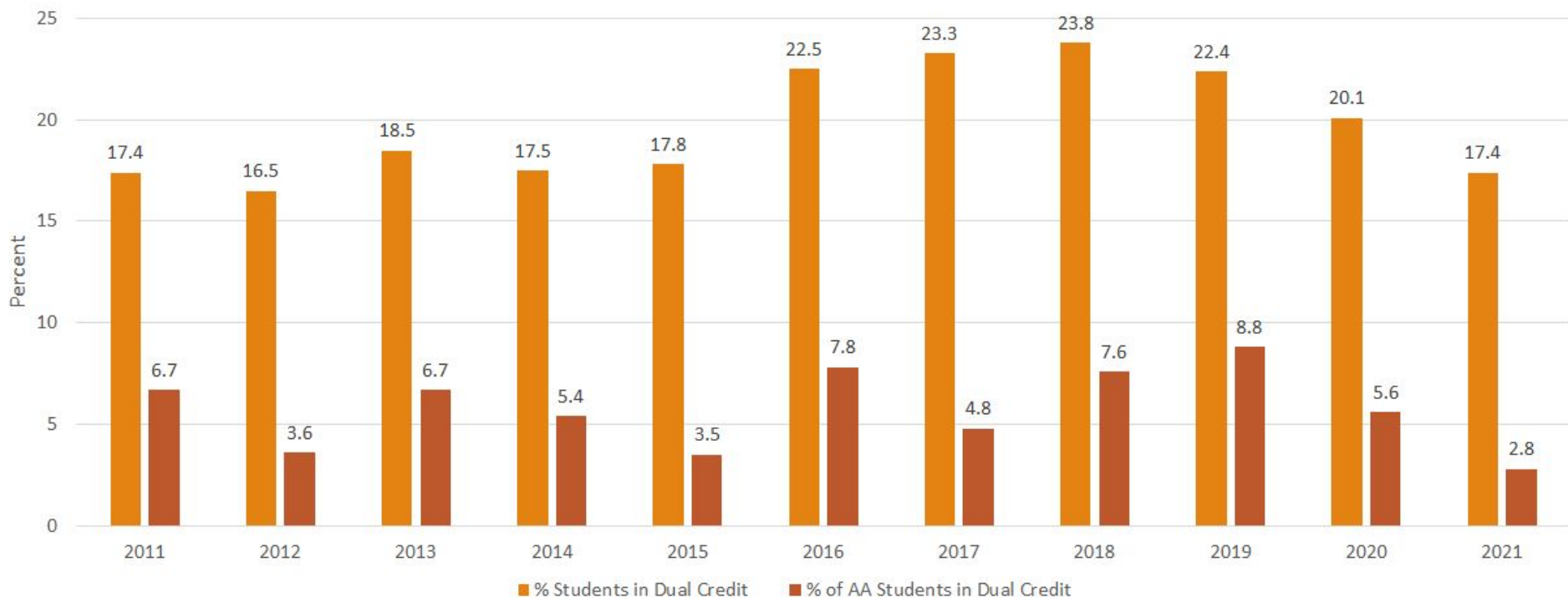
- 32 current courses offered @ WGHS
- Staff need 18 hours of university coursework beyond undergraduate coursework to be approved
- same curriculum and final exam of class of the sponsoring university, credit for completing the course.
- cost \$70/credit hour so close to \$200 for each class
- We have some scholarships to address needs.
- Starting in January, students that qualify for A+ are at no cost to student

Some classes may be offered as both AP and Dual Credit (ex: AP Calculus)

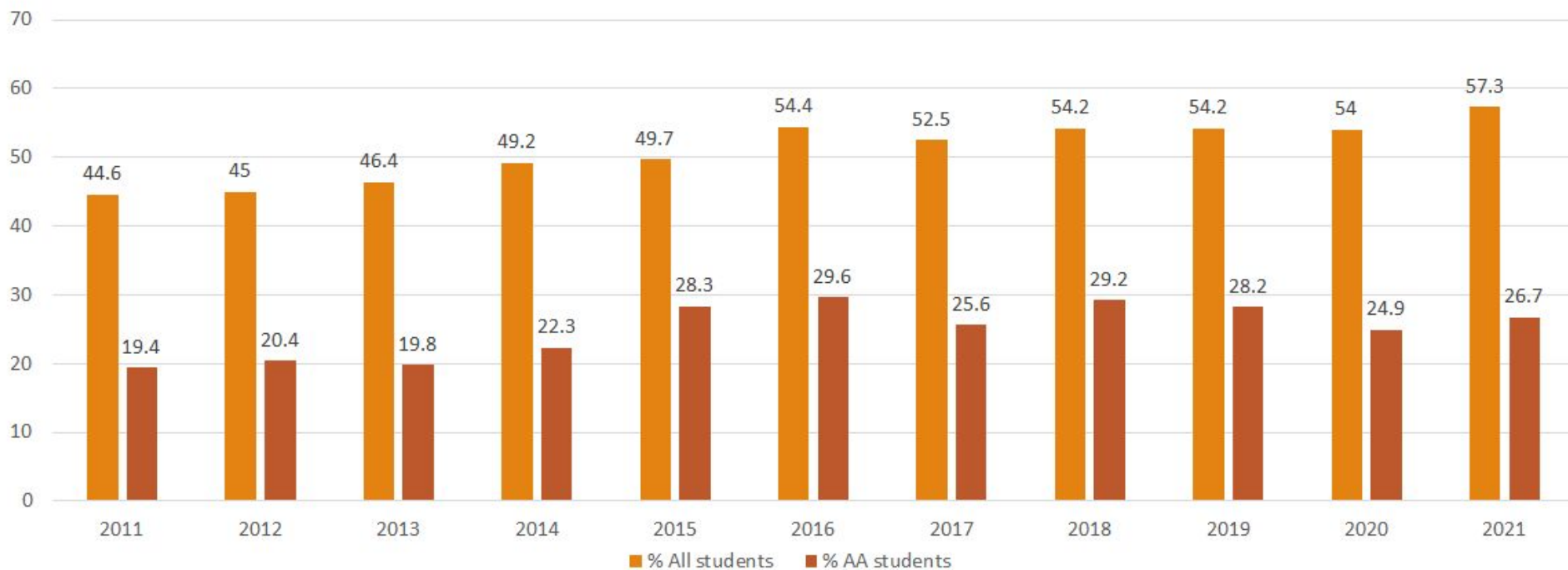
Advanced Placement Achievement

AP Subject	# Tested 2020	# Tested 2021	Average Score 2020	Average Score 2021	Scoring 3+ 2020	Scoring 3+ 2021
Biology	14	6	3.4	3.3	79%	67%
Calculus AB	14	8	3.4	4	79%	100%
Calculus BC	NA	1	NA	5	NA	100%
Chemistry	8	11	3.5	3.8	81%	82%
Computer Science A	2	1	5	5	100%	100%
English Language	37	24	3.4	3.54	81%	75%
English Literature	17	9	3.4	3.22	88%	78%
French	1	1	5	4	100%	100%
German	1	2	4	3.5	100%	100%
Music Theory	6	NA	3.5	NA	83%	NA
Physics 1	29	19	3.1	3	69%	63%
Physics 2	15	7	3.5	4.29	73%	100%
Physics C	NA	2	NA	5	NA	100%
Psychology	40	14	3.7	4.14	80%	93%
Spanish	4	1	4	4	100%	100%
Statistics	27	23	4.3	3.74	100%	91%
US History	31	29	3.3	3.03	87%	65%
World History	50	55	3.3	3.69	86%	84%

% of Students in Dual Credit Courses



% of Students in Weighted Classes



Important MAP Considerations from DESE

“Results this year should not be viewed in the same way as in other years. **Do not** use the results:

- To make certain high stakes decisions
- To interpret test scores in the same way as in previous years
- Without considering the learning environment and other contextual factors”

(Taken from the DESE Missouri Assessment Program 2020-2021 Report
September 14, 2021)

2021 Level Not Determined

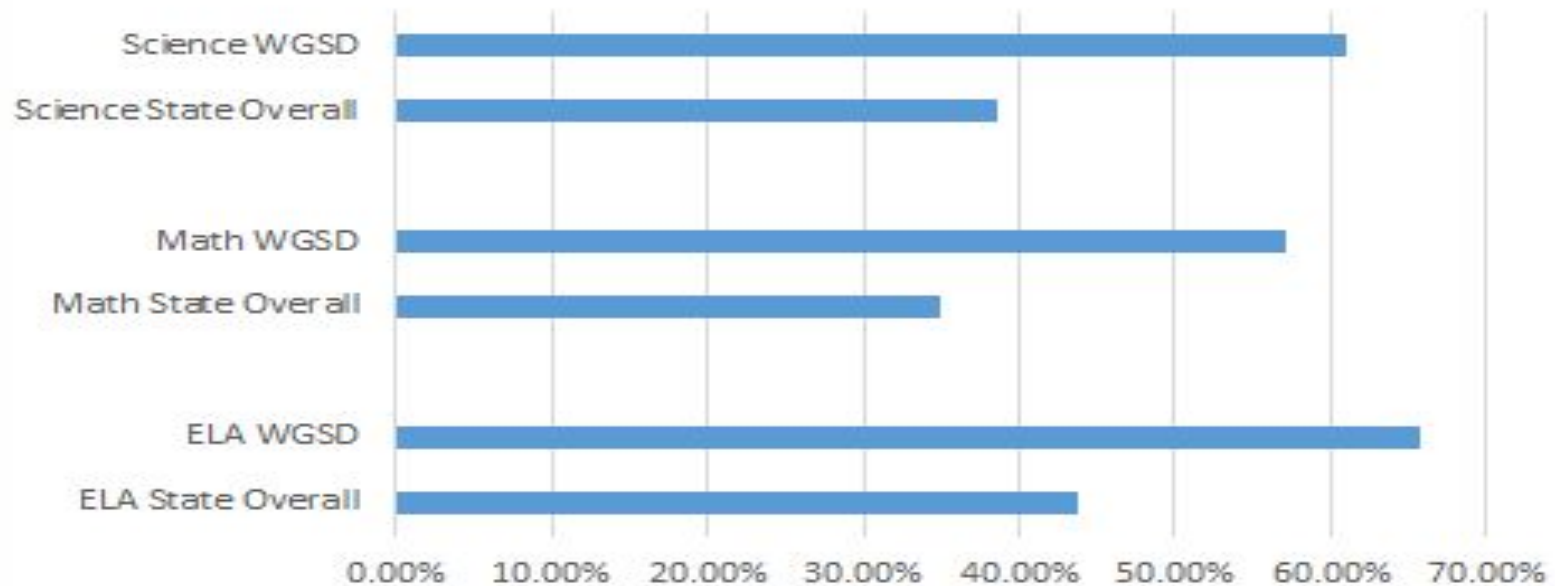
(Students not participating in the MAP assessment)

	Avg. State of MO	Overall Avg. WGSD	WGSD IEP	Avg. WGSD AA	Avg. WGSD FRL
ELA	1.3%	10.1%	17.6%	15.1%	11.4%
Math	1.3%	10.1%	17.1%	15.1%	11.3%
Science	1.5%	12.8%	23.9%	14.1%	7.0%

Previous WGSD LND rates have been below 1%.

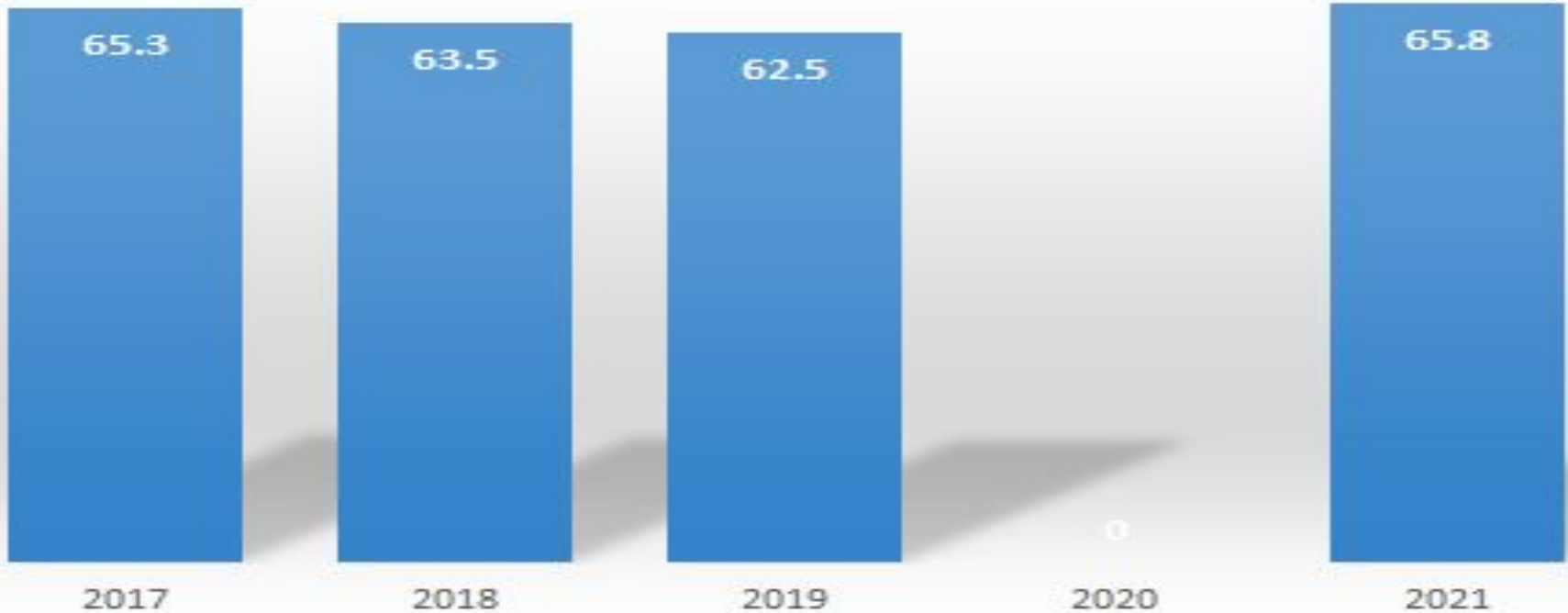
Spring 2021 3rd-8th Grade MAP Scores

TOTAL PROFICIENT and ADVANCED Grades 3-8

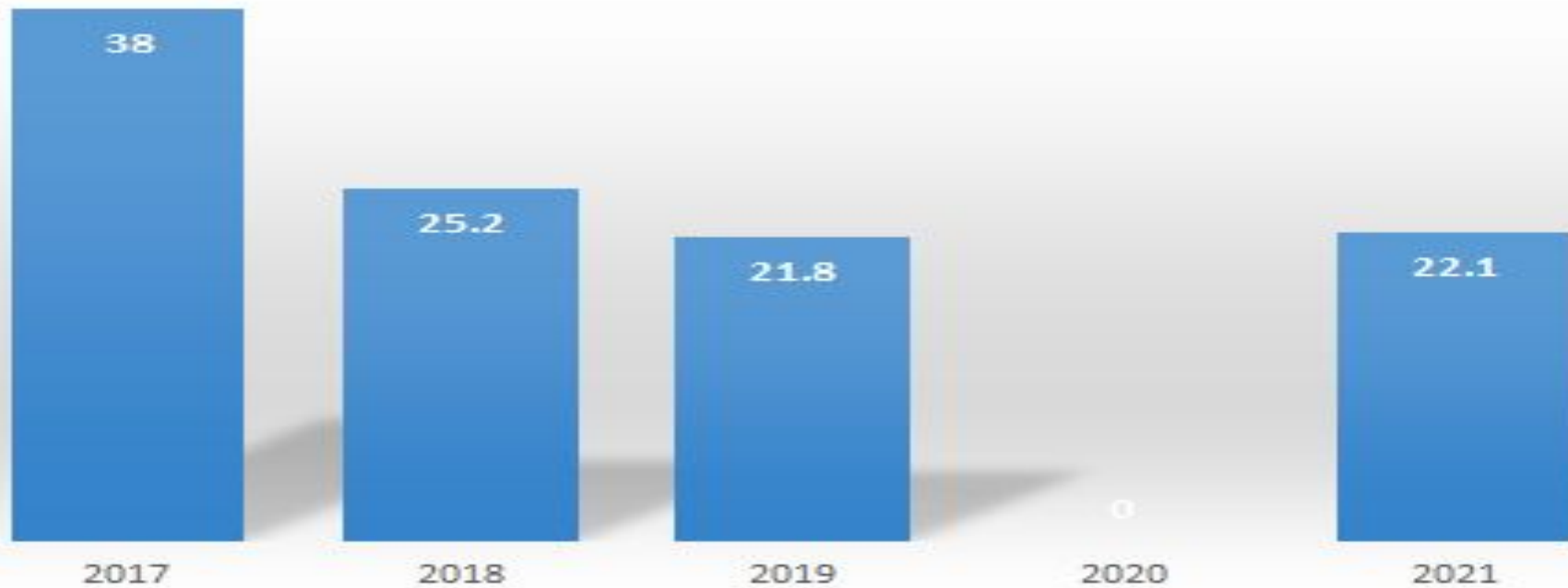


ELA MAP Scores - Total Students Grades 3-8 2017-2021

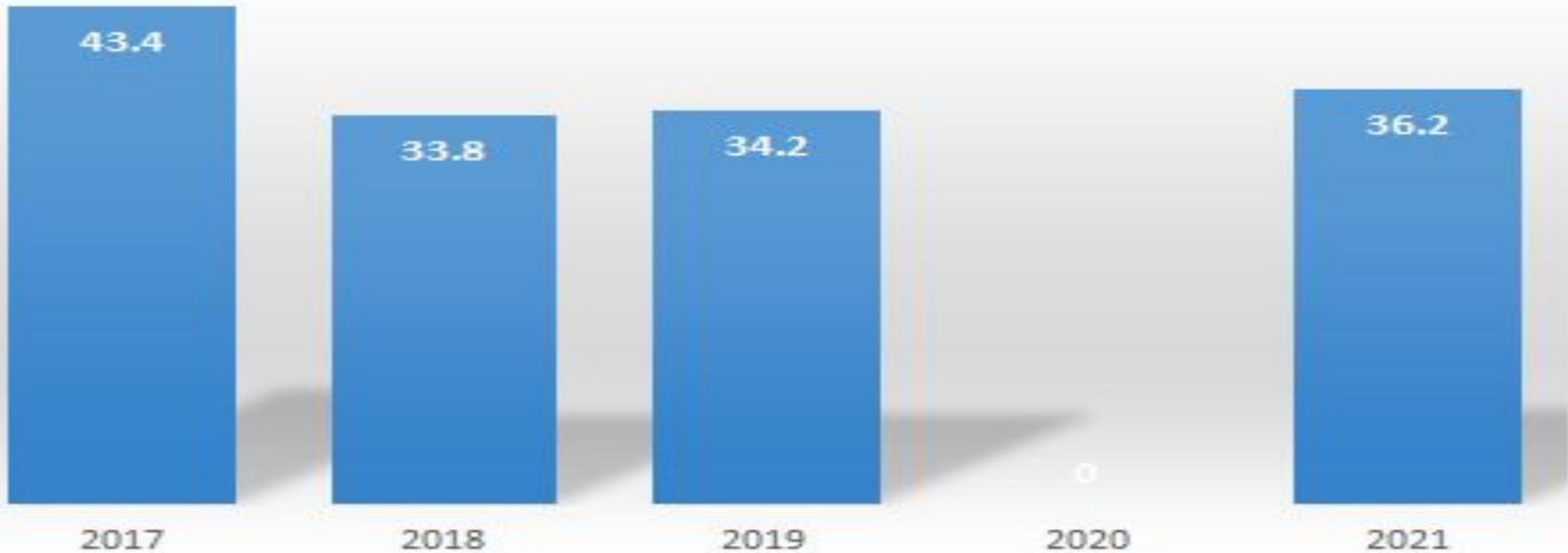
Percent Proficient/Advanced



ELA MAP Scores - African American Students Grades 3-8 - 2017-2021 Percent Proficient/Advanced



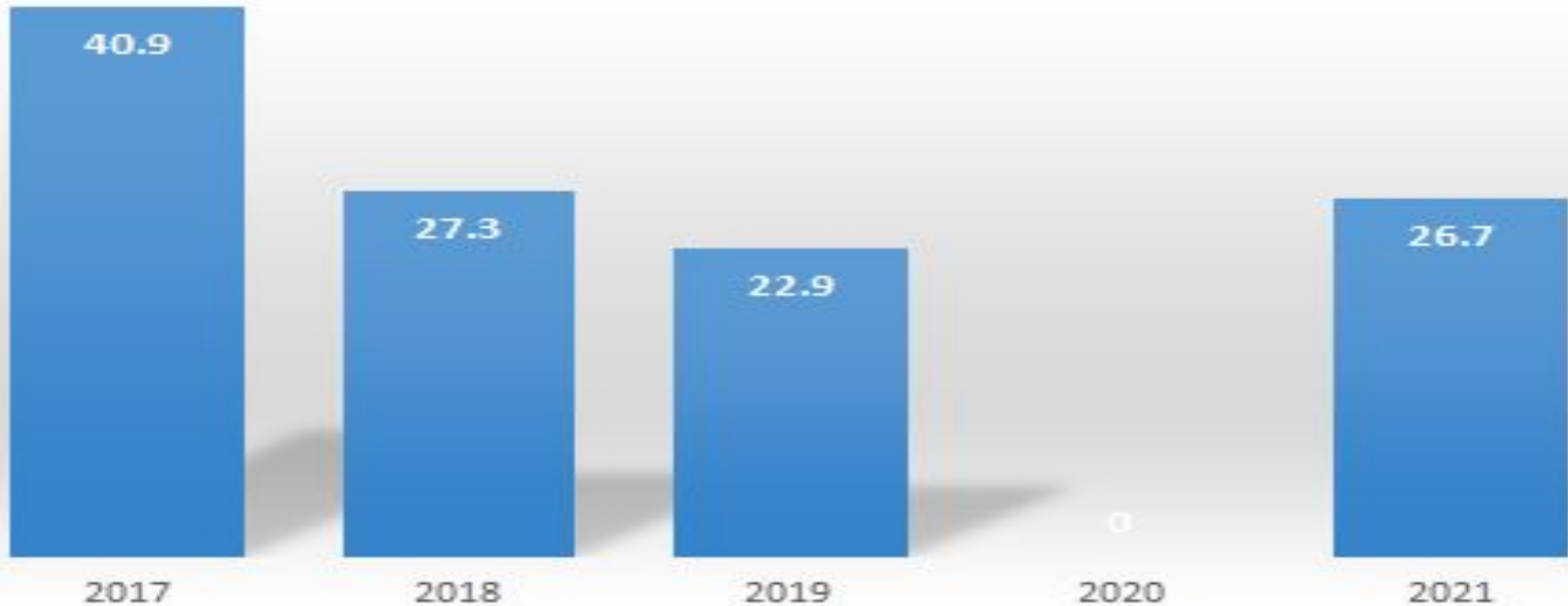
ELA MAP Scores - Students with an IEP Grades 3-8 - 2017-2021 Percent Proficient/Advanced



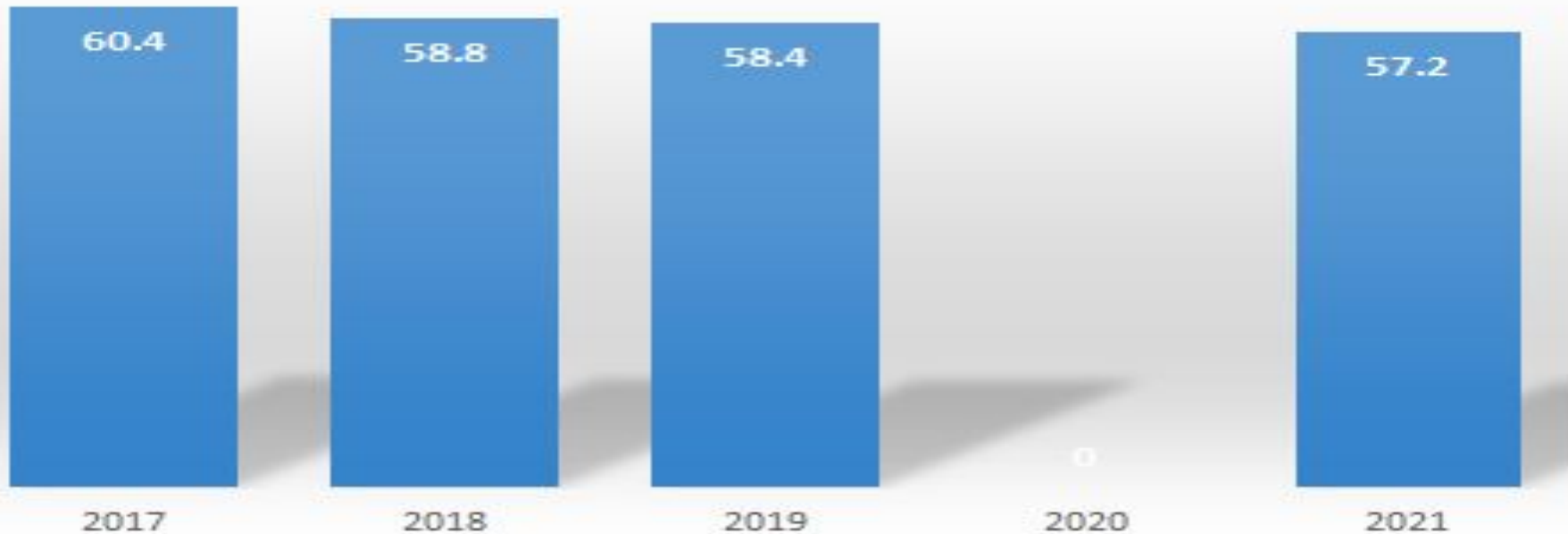
ELA MAP Scores - Students with FRL

Grades 3-8 - 2017-2021

Percent Proficient/Advanced

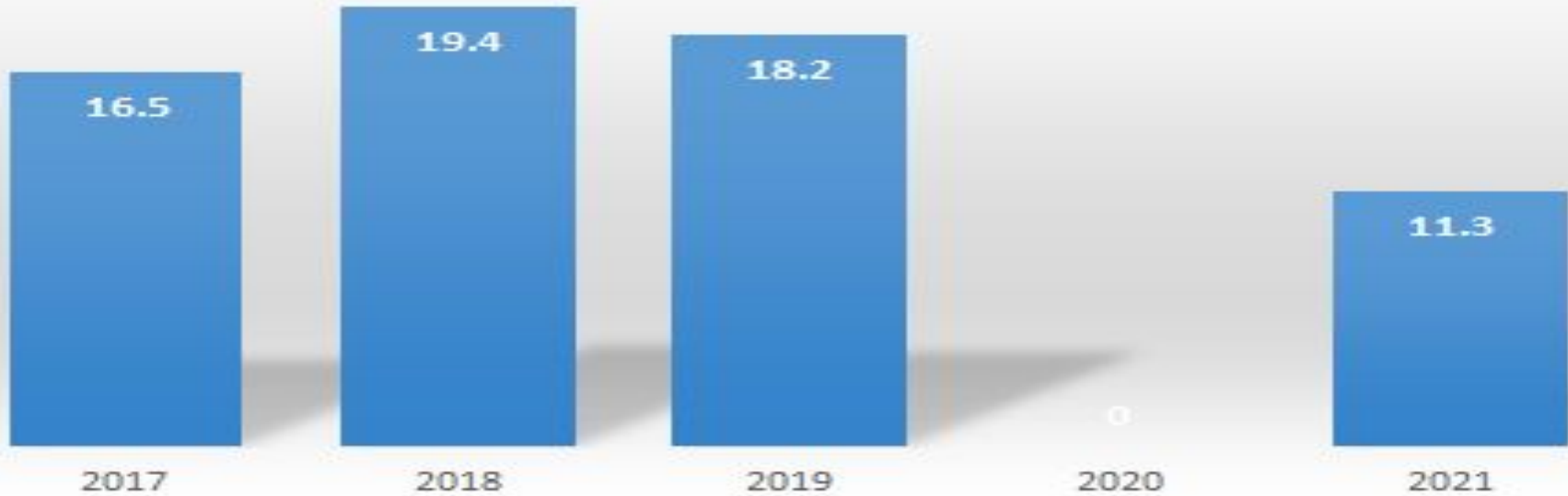


Math MAP Scores - Total Students Grades 3-8 - 2017-2021 Percent Proficient/Advanced

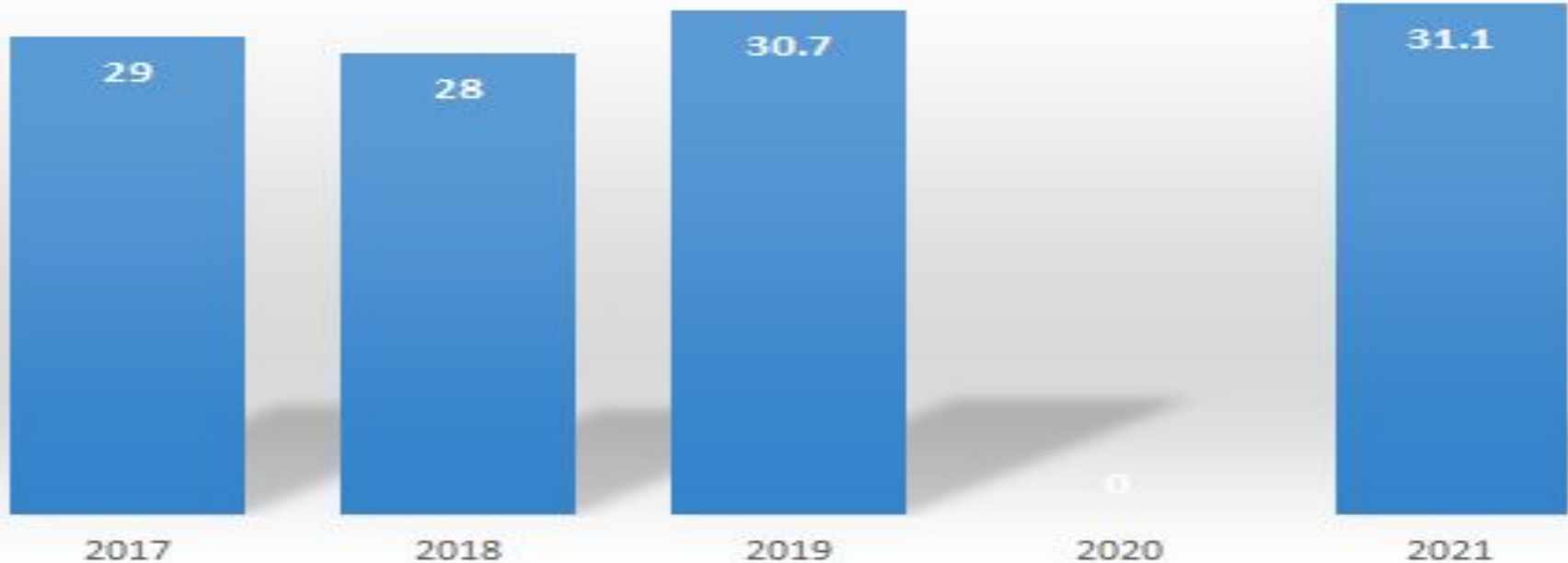


Math MAP Scores - African American Students Grades 3-8 - 2017-2021

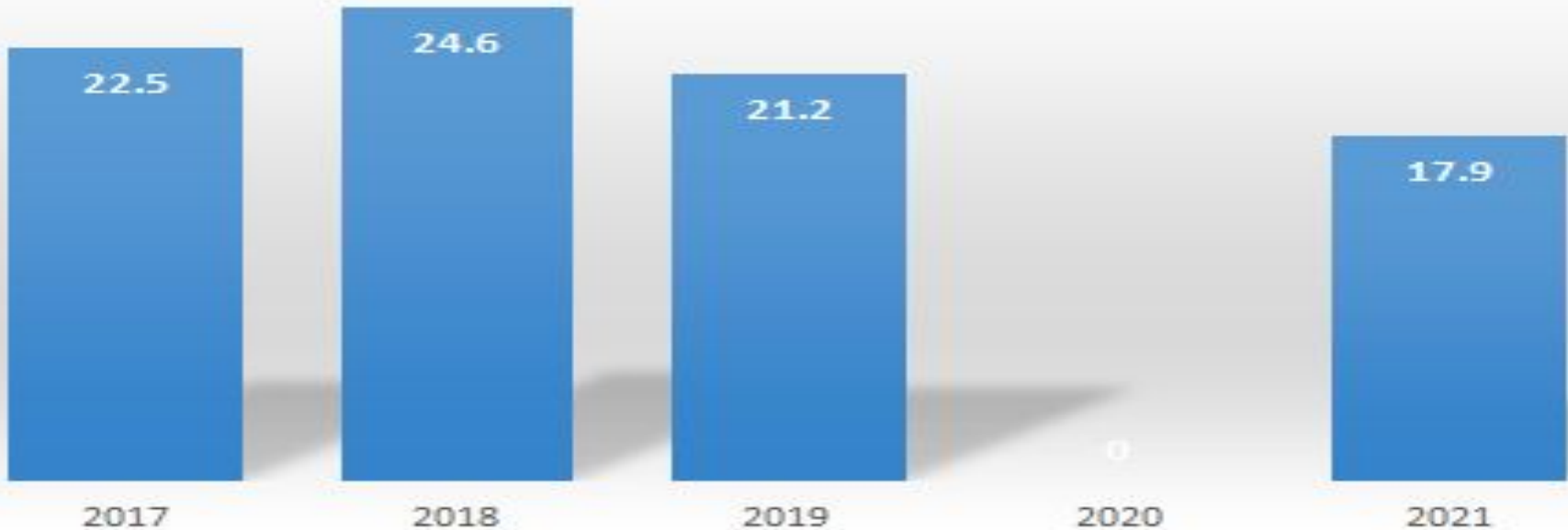
Percent Proficient/Advanced



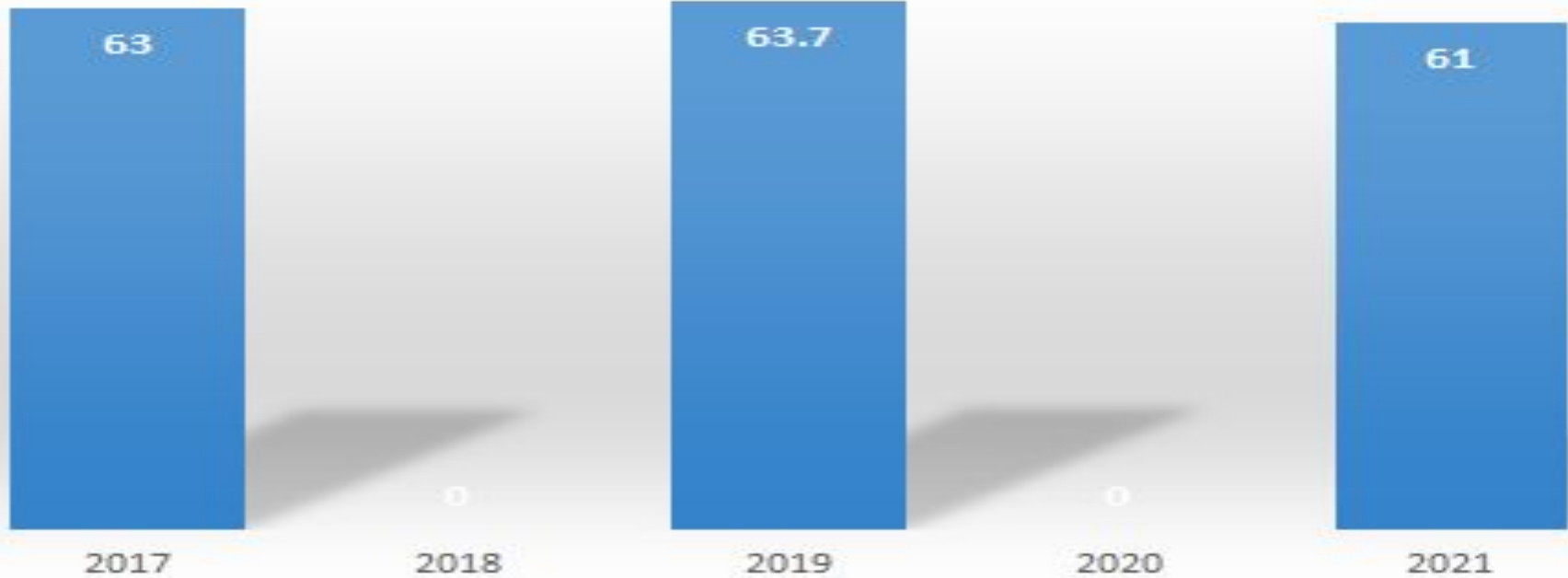
Math MAP Scores - Students with an IEP Grades 3-8 - 2017-2021 Percent Proficient/Advanced



Math MAP Scores - Students with FRL Grades 3-8 - 2017-2021 Percent Proficient/Advanced

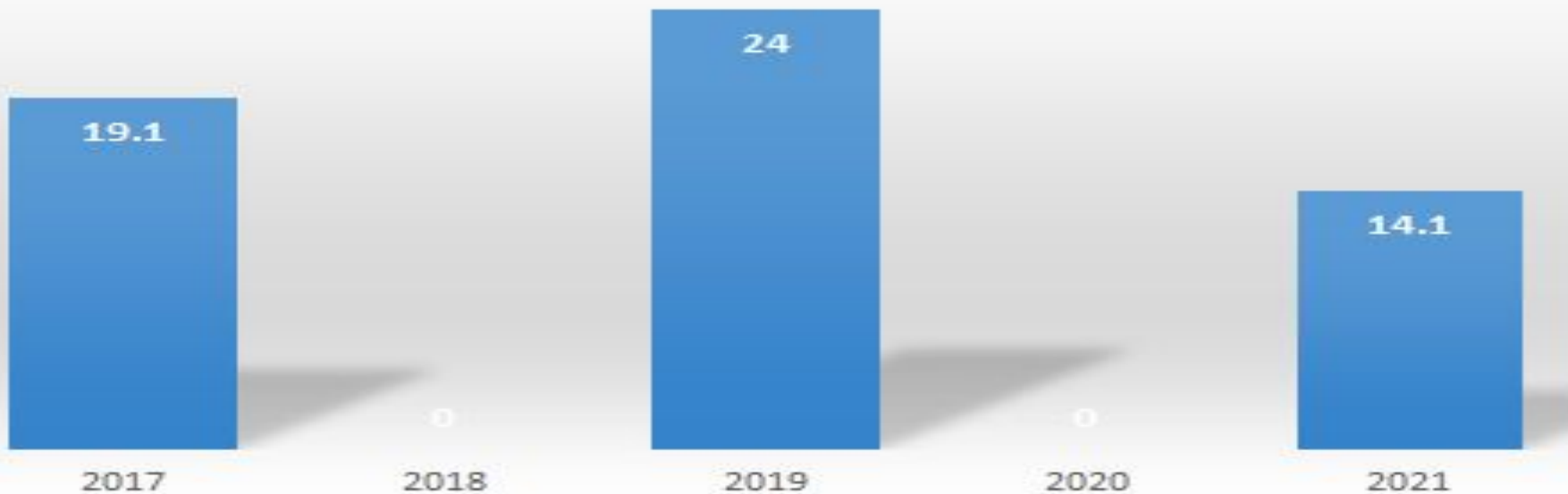


Science MAP Scores - Total Students Grades 3-8 - 2017-2021 Percent Proficient/Advanced

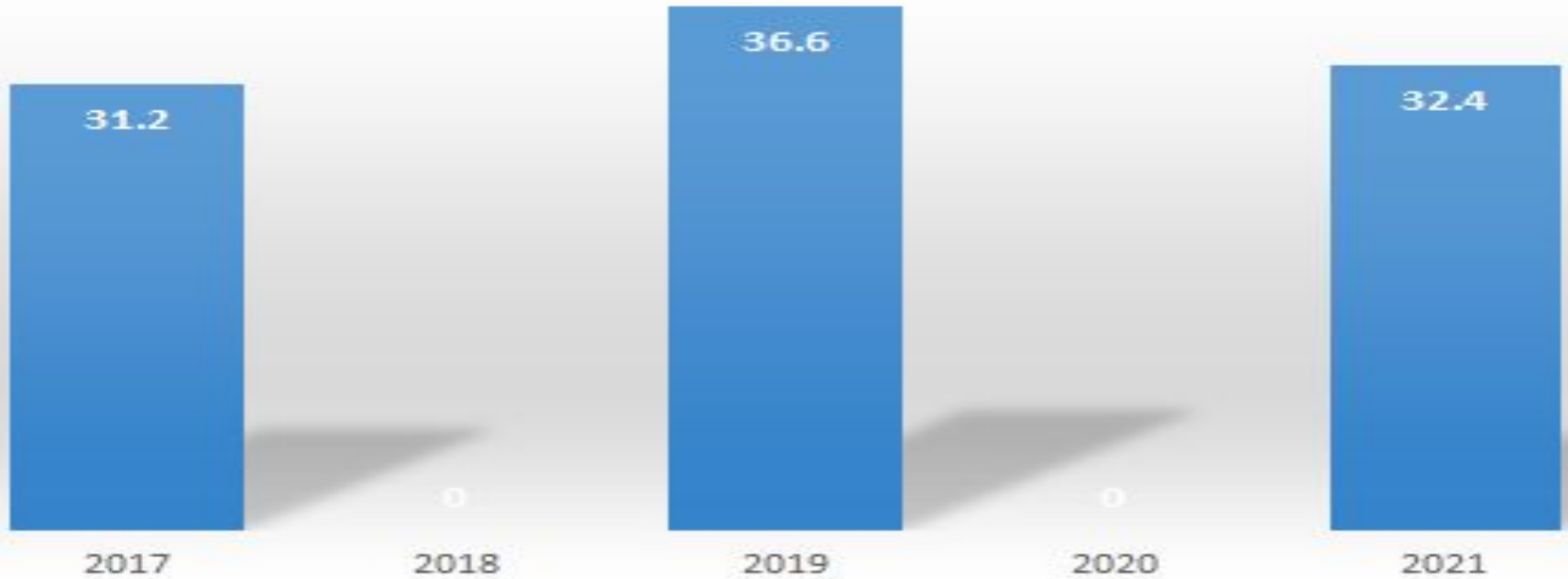


Science MAP Scores - African American Students Grades 3-8 - 2017-2021

Percent Proficient/Advanced

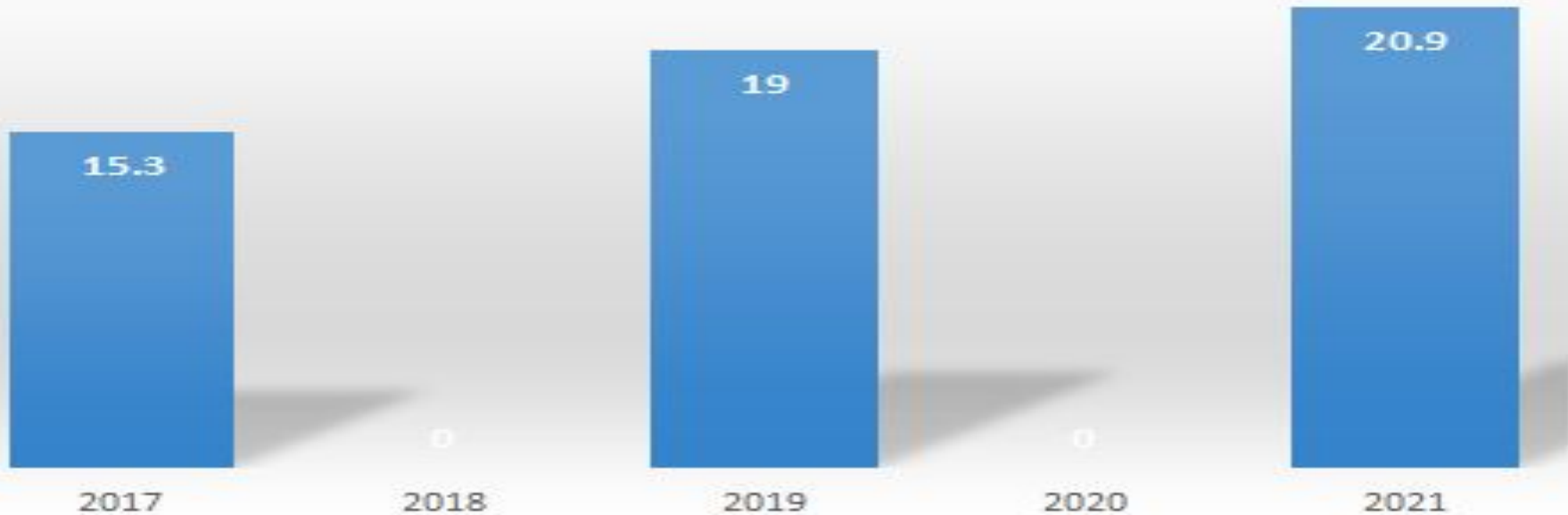


Science MAP Scores - Students with an IEP Grades 3-8 - 2017-2021 Percent Proficient/Advanced

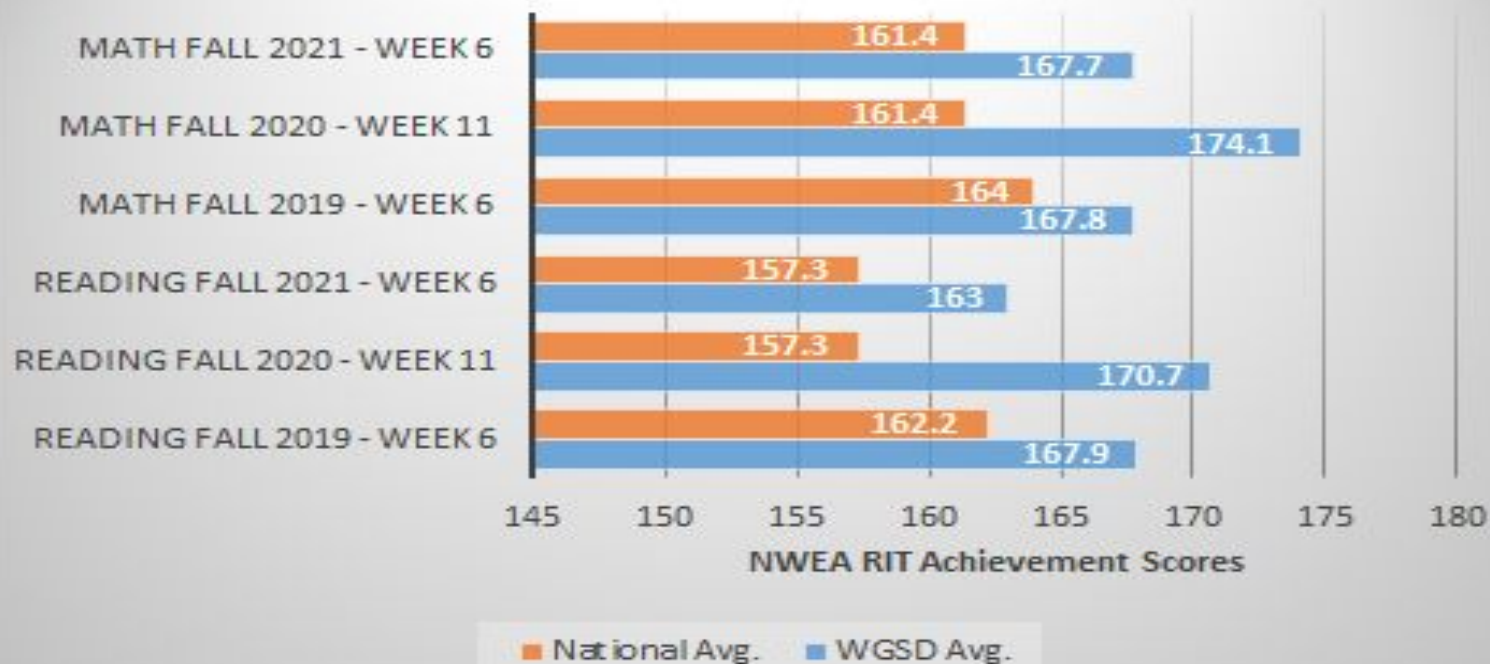


Science MAP Scores - Students with FRL Grades 3-8 - 2017-2021

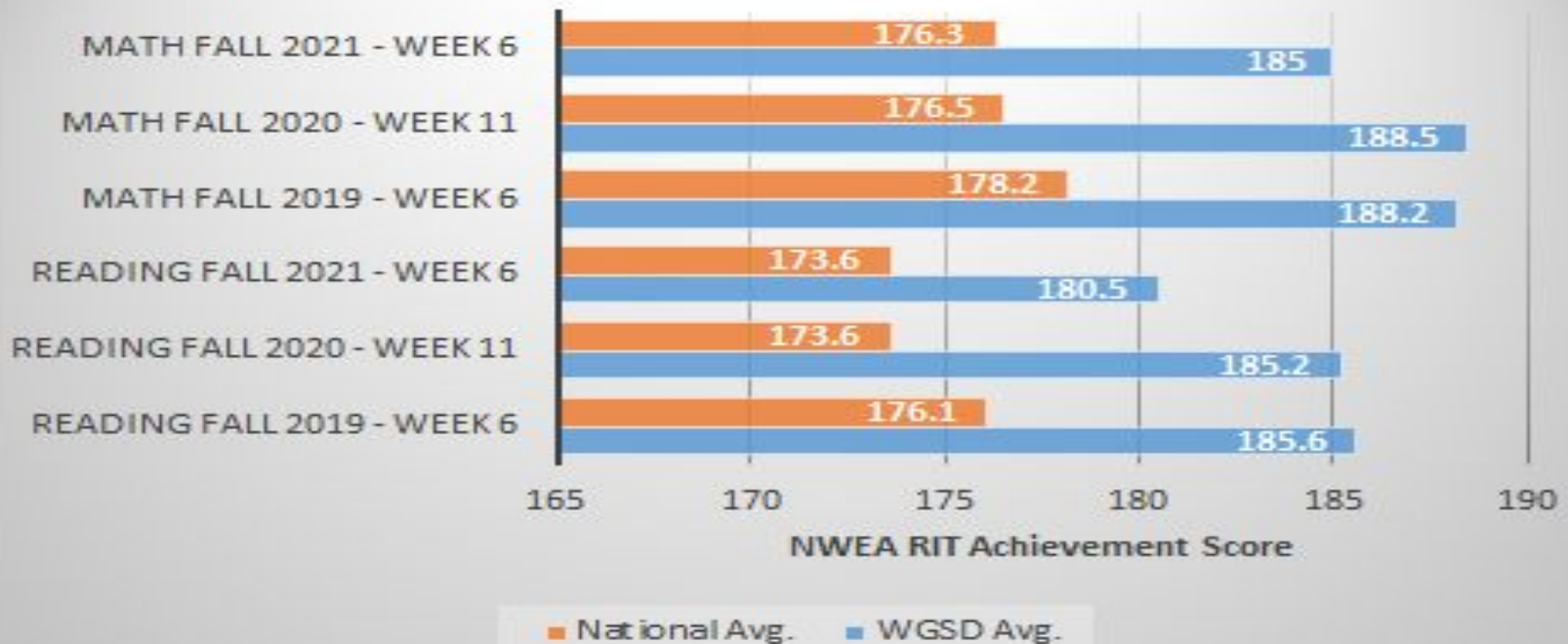
Percent Proficient/Advanced



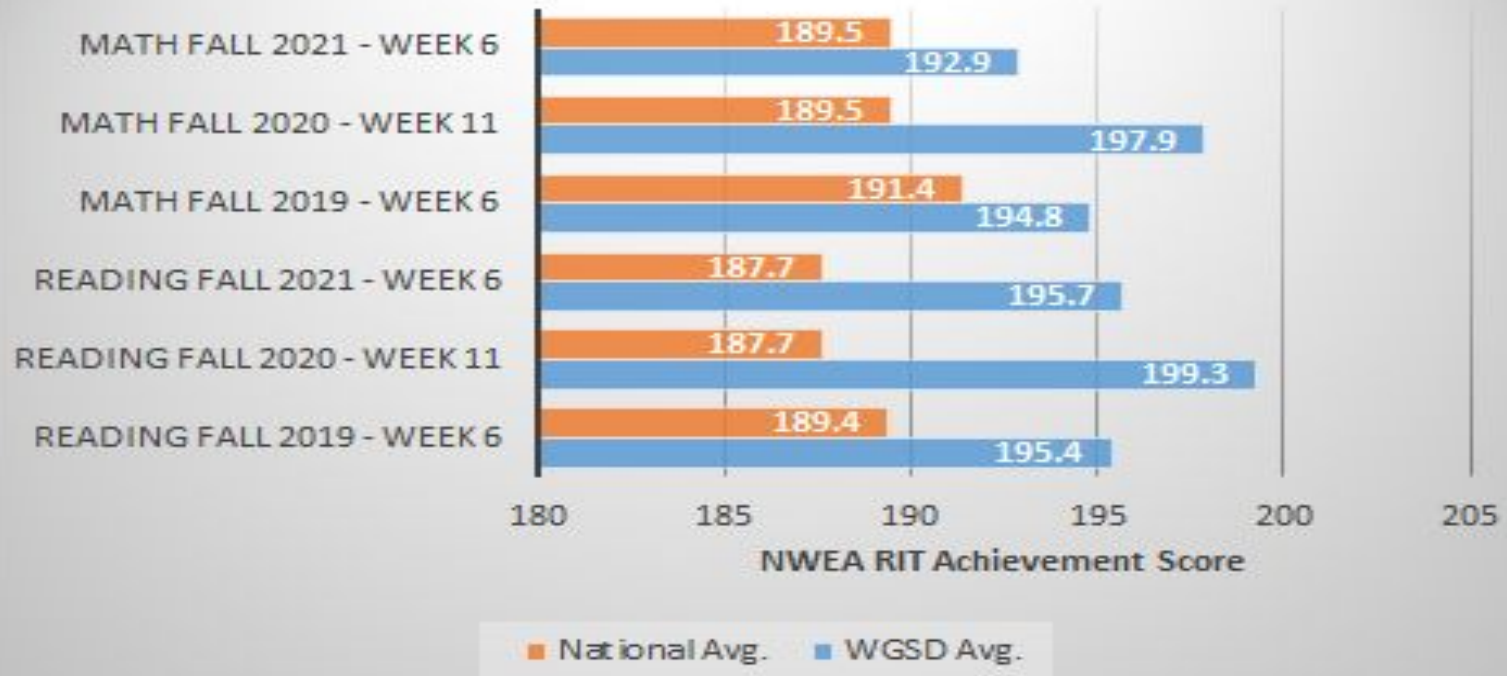
NWEA Reading & Math Benchmark Data 1st Grade



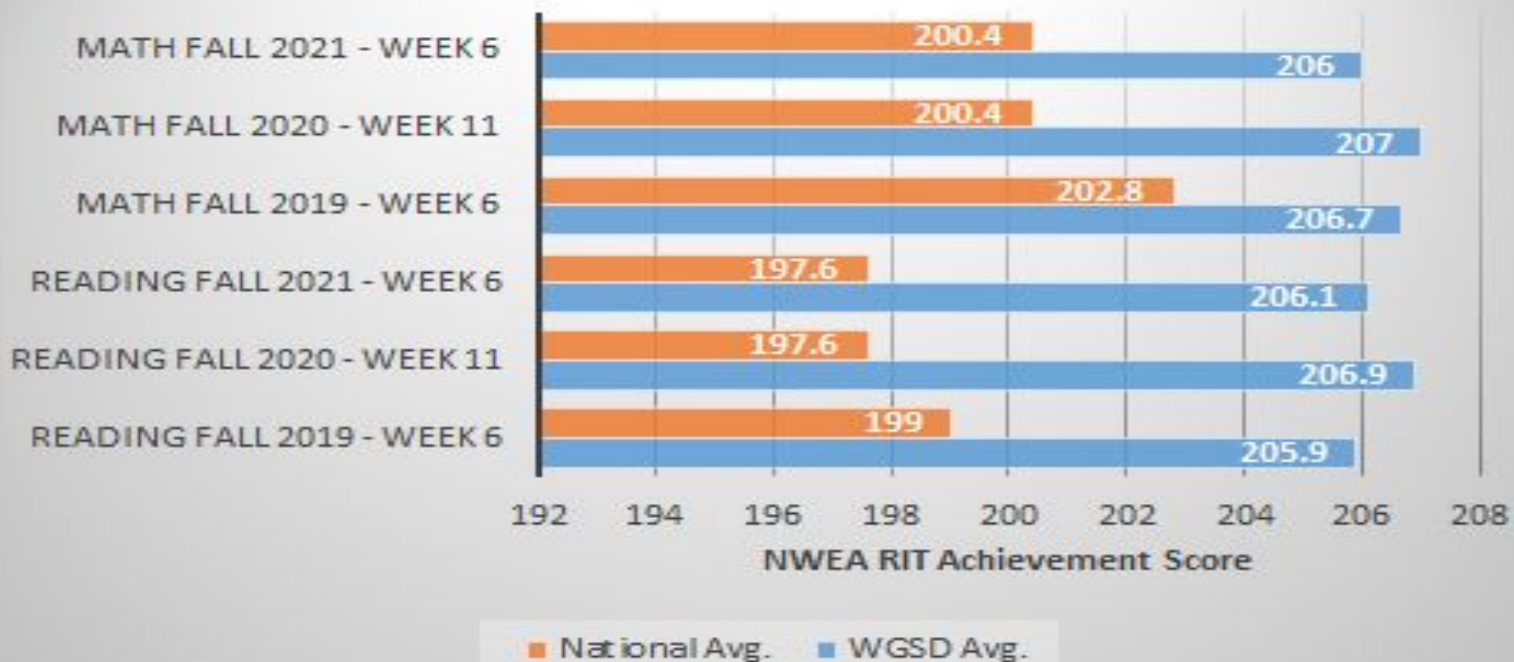
NWEA Reading & Math Benchmark Data 2nd Grade



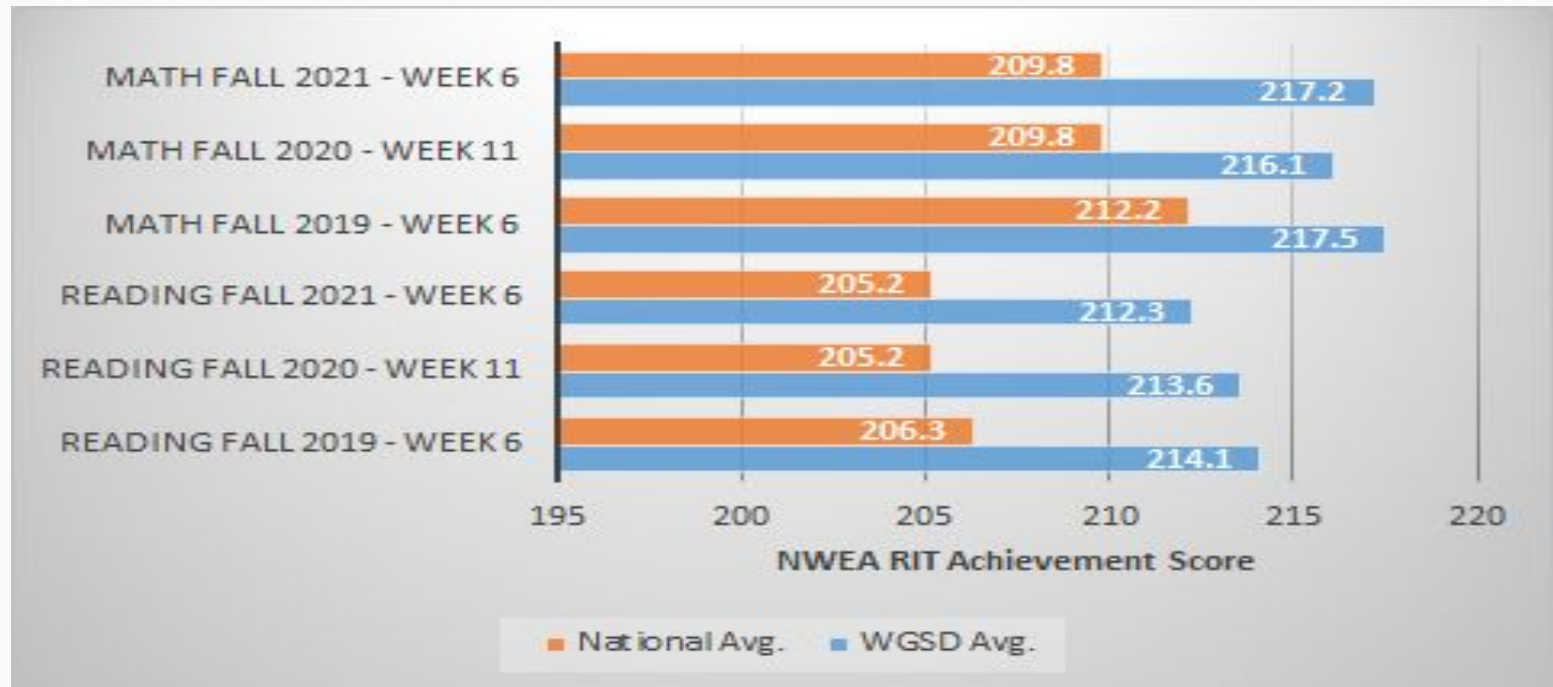
NWEA Reading & Math Benchmark Data 3rd Grade



NWEA Reading & Math Benchmark Data 4th Grade



NWEA Reading & Math Benchmark Data 5th Grade



QUESTIONS

