

CENTERVILLE HIGH
SCHOOL

CORPORATION
GOALS

&

Testing Data

Comparisons

PSAT/SAT/ILEARN

Biology

2021-22



Goal #1 – Exemplary Student Achievement

- Students will improve comprehension and solutions of appropriate grade level mathematical applications as measured by 80% of grade 9-12 students scoring at or above the norm grade level RIT as determined by the spring 2022 NWEA assessment.

- ALEKS implementation

- Khan Mappers (input NWEA/PSAT scores)

- Additional hour of remediation time built in with the addition of Homeroom

- Students will improve their reading comprehension of informational text as measured by 80% of grade 9-12 students being proficient on subtests of the spring 2022 NWEA reading assessment.

- Implementation of GrammarFlip in all English classes

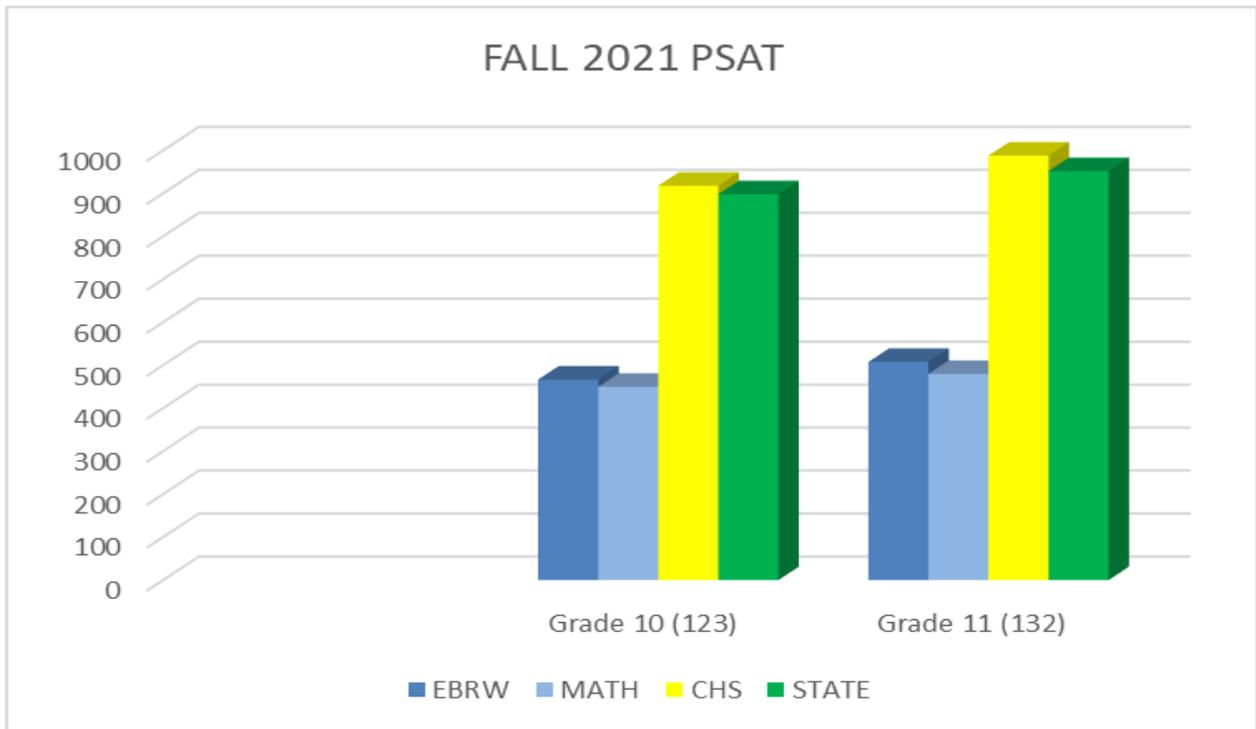
Goal #2 – Responsible Citizens

- Random Acts of Kindness (RAK)
- Commitment to Graduate (freshman seminar)
- Fun Fact Friday
- CharacterEd Team (staff)
- Social Emotional Learning (CharacterStrong)
- Trust-Based Relationship Intervention (TBRI)
- Principal's Leadership Team
- Pawsitive Action Committee (staff)

Goal #3 – Safe, Secure and Healthy Environments

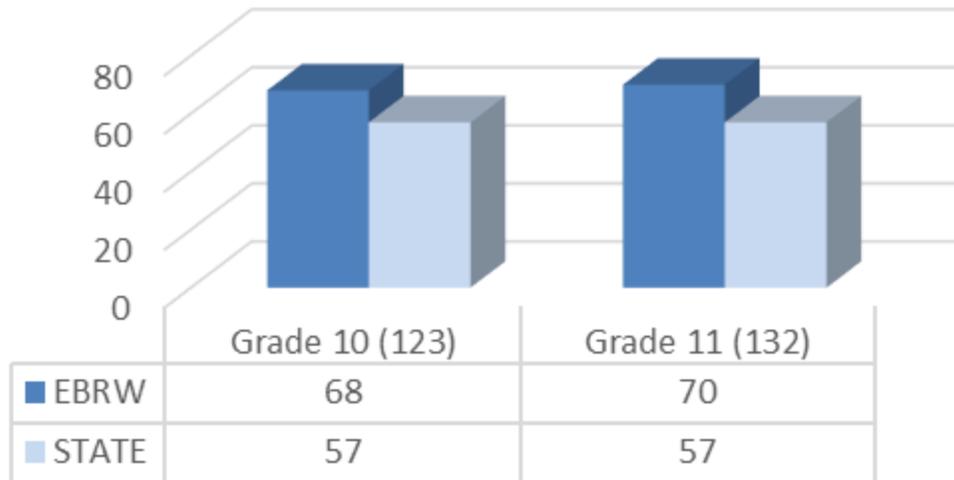
- Safety Specialist
- State Law Compliance (Fire Drill/Active Shooter Training/Disaster Drill)
- School Safety Grant
- School Resource Officer
- Security Film
- Advanced Camera Technology
- Keyless Entry/Re-Core of Exterior Doors

2021 Fall PSAT PERFORMANCE DATA



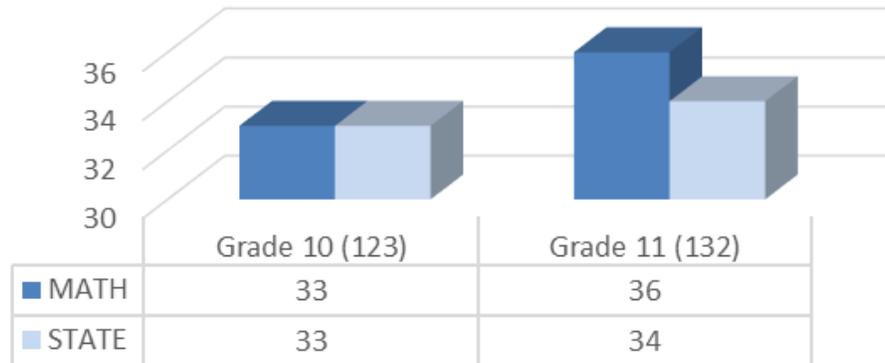
The above graph shows scores for both grade 10 and grade 11 PSAT test takers in the fall of 2021. The first two sets of bars show the mean scores for both grade levels in how students performed on each part of the exam as a group. They were a total of 123 sophomores that took the exam in the fall compared to (132) juniors. The average score for grade 10 when taking the Evidence-based Reading and Writing (EBRW) portion of the exam was (467). For the Math portion of the exam, sophomores scores an average of (450). In comparison, the juniors scored a (508) on the Evidence-Based Reading and Writing portion of the exam and a (480) on the Math portion. The graph also shows the composite scores for both portions (yellow) and how these scores compare to the state average for both portions of exam. As you can see, both the sophomores and juniors had a higher composite score both portions of the exam.

2021 PSAT EBRW BENCHMARK COMPARISON (%)

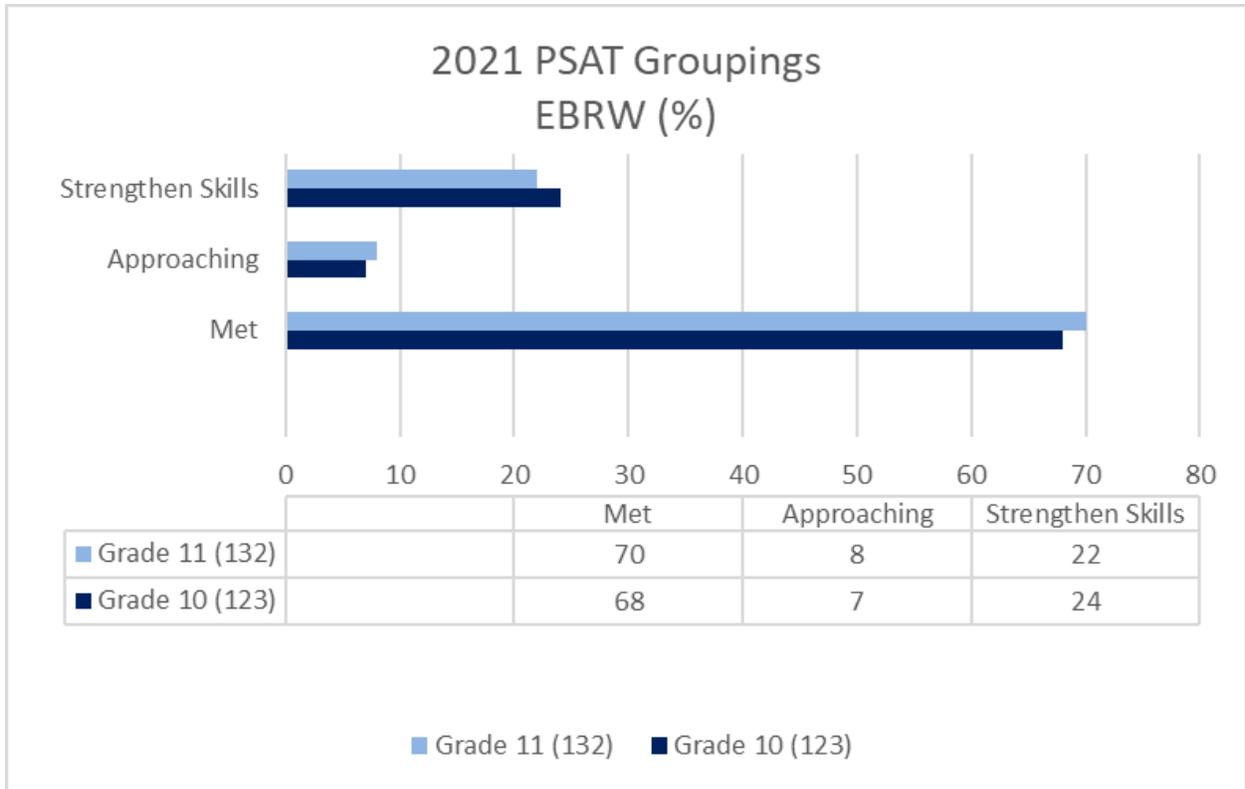


This particular graph shows how both grade levels performed on the Evidence-based reading and Writing portion of the exam only. The bar graph shows the percentage of students hitting the benchmark provided by CollegeBoard. The benchmark for sophomores on the EBRW was a score of (430). The benchmark for juniors on the EBRW was a score of (460). 68% of the sophomores met or exceeded the benchmark while 70% of the juniors met or exceeded the benchmark.

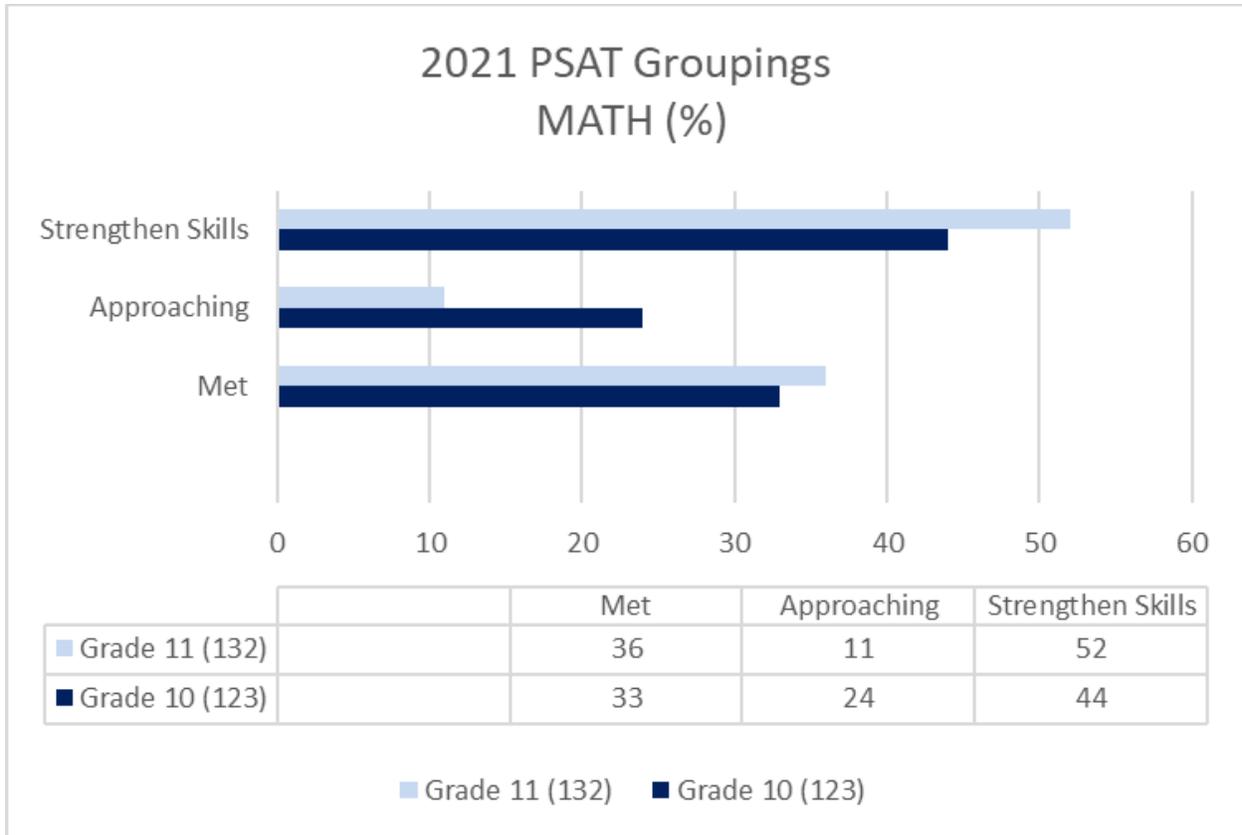
2021 PSAT MATH BENCHMARKS COMPARISON (%)



Similar to the graph above, the scores reflect how both grade levels performed on the Math portion of the exam. The benchmark for the sophomores on the Math portion was a score of (480). The benchmark for the juniors on the Math portion was a score of (510). 33% of the sophomores met or exceeded the benchmark whereas 36% of the juniors met or exceeded the benchmark set by CollegeBoard.

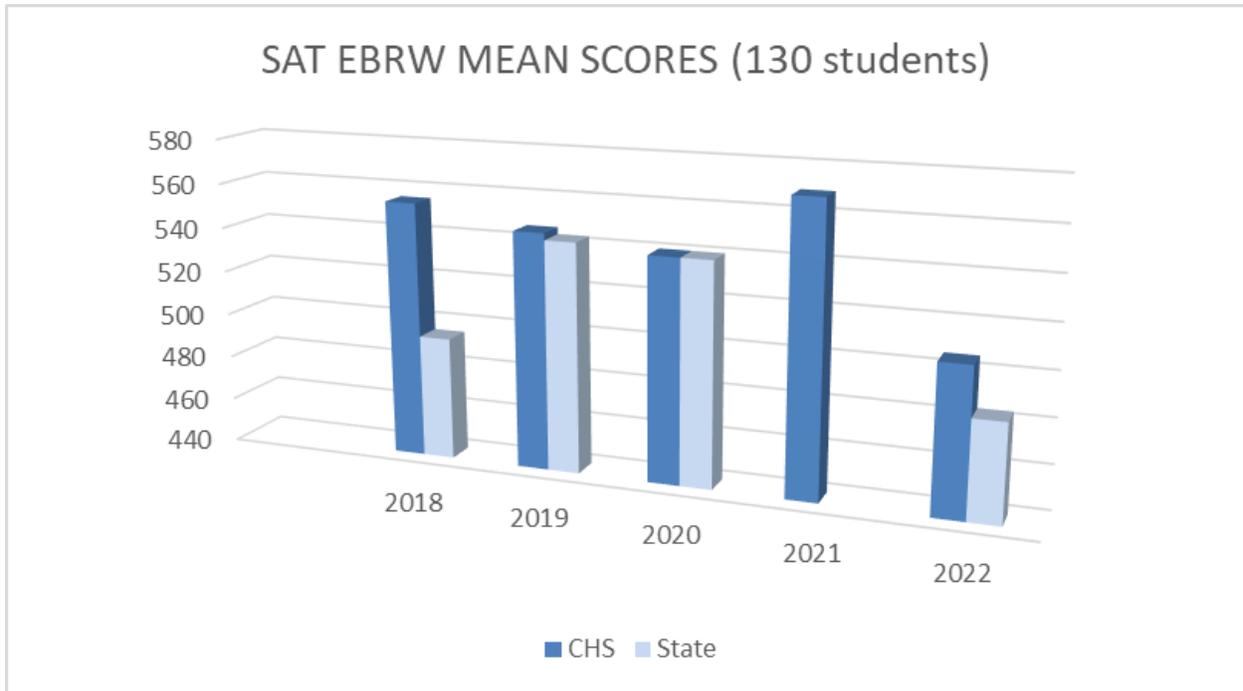


CollegeBoard provides groupings for students based on their performance for both the EBRW and Math portions of the exam. These groupings are labeled as meeting the benchmark, approaching the benchmark and strengthening skills. This graph shows which category both sophomores and juniors are grouped based on their scores for EBRW. 70% of juniors met the benchmark, 8% are approaching the benchmark and 22% need to strengthen their skills in order to meet the benchmark. 68% of the sophomores have met the benchmark, 7% are approaching the benchmark and 24% need to strengthen their skills in order to meet the benchmark. As mentioned before the benchmark for English-based Reading and Writing for juniors is set at (460) whereas the benchmark set for sophomores is (430).

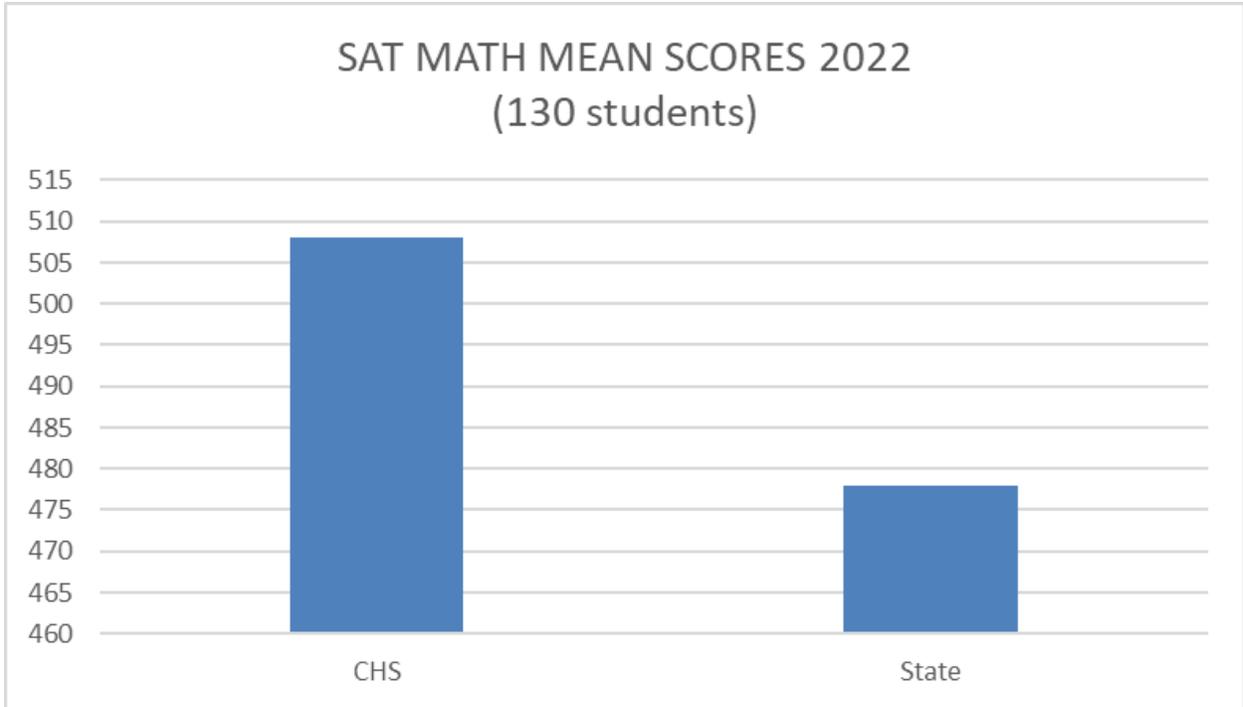


CollegeBoard provides groupings for students based on their performance for both the EBRW and Math portions of the exam. These groupings are labeled as meeting the benchmark, approaching the benchmark and strengthening skills. This graph shows which category both sophomores and juniors are grouped based on their scores for Math. 36% of juniors met the benchmark, 11% are approaching the benchmark and 52% need to strengthen their skills in order to meet the benchmark. 33% of the sophomores have met the benchmark, 24% are approaching the benchmark and 44% need to strengthen their skills in order to meet the benchmark. As mentioned before, the benchmark for the Math portion of the PSAT for juniors is set at (510) whereas the benchmark set for sophomores is (480).

2022 SPRING SAT PERFORMANCE SCORES

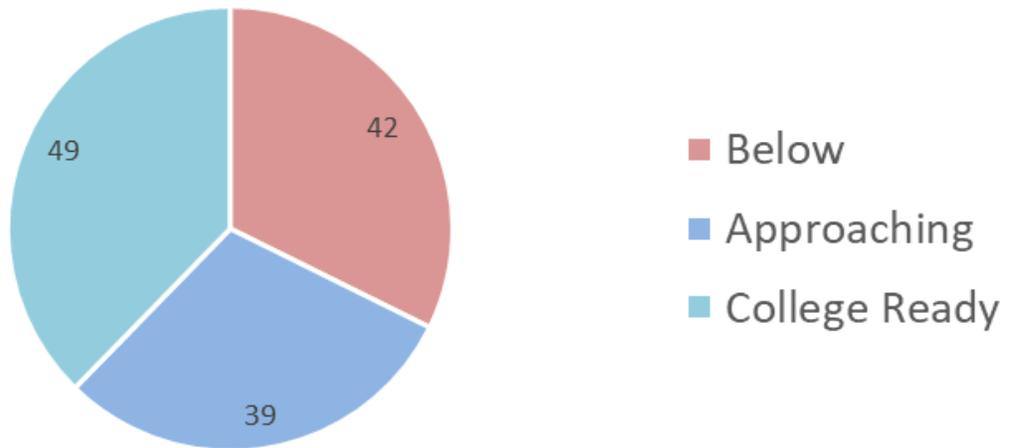


Beginning in the 2022-23 school year, SAT will now be considered the accountability exam for secondary schools. SAT School Day will be administered in the spring of each year to 11th grade students only. This graph shows how the EBRW mean score for the (130) juniors that took the exam during spring of 2022. The graph also shows how these scores compare to EBRW mean scores for the state. CHS juniors had an average score of 506 on the EBRW portion of the exam while the state average was (484).



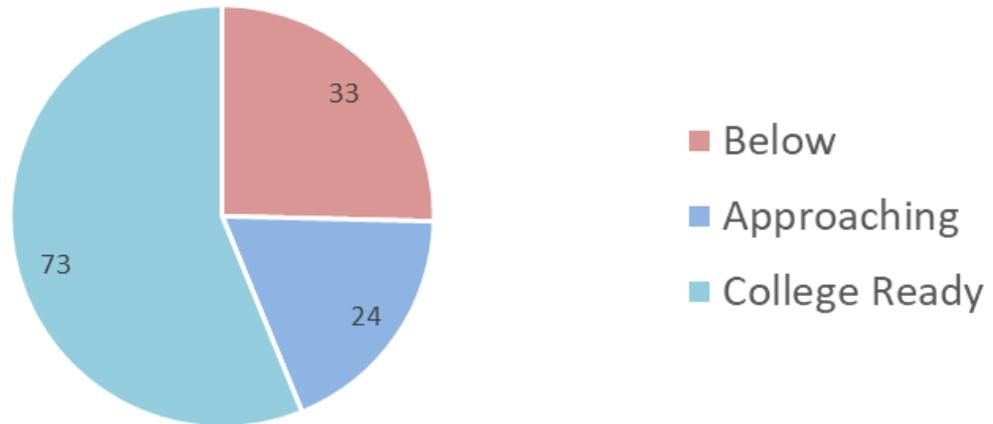
This graph shows how the Math mean score for the (130) juniors that took the exam during spring of 2022. The graph also shows how these scores compare to Math mean scores for the state. CHS juniors had an average score of (508) on the Math portion of the exam while the state average was (478).

SAT BENCHMARKS MATH 2022 (130 students)



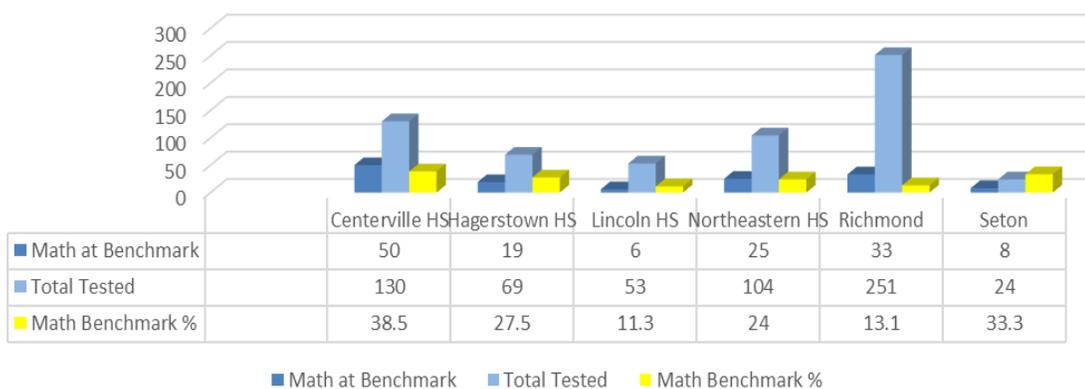
The SAT Policy Committee set the benchmarks (cut scores) for SAT exam in the summer of 2022. The cut score for Mathematics is (530) while the cut score for EBRW is (480). The SAT Policy Committee established (3) Performance Level Descriptors; Below college ready, Approaching college-ready, and At college-ready. The above graph shows how (130) juniors scored based on their individual performance on math portion of the SAT. Of the (130) tested, 49% scored At college-ready, 39% scored at the Approaching college-ready and 42% scored Below college-ready according to the benchmarks established by the policy committee.

SAT BENCHMARKS EBRW 2022 (130 students)



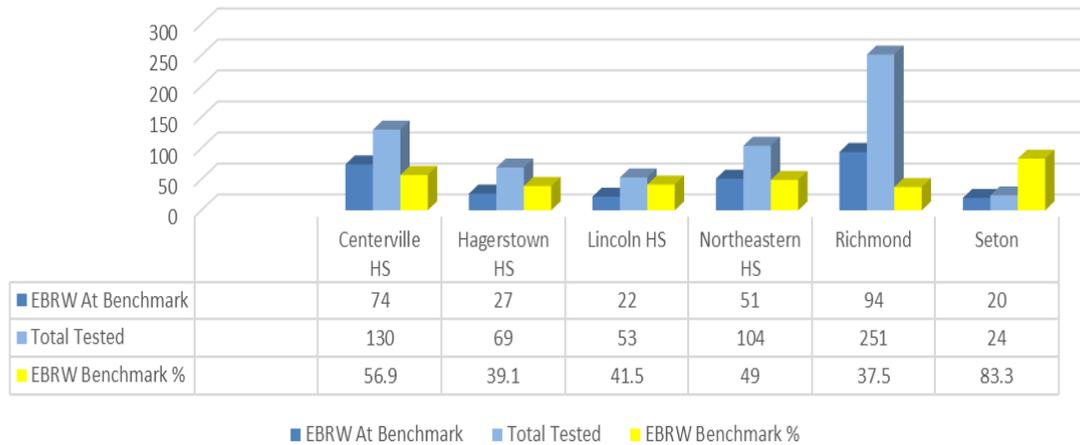
The above graph shows how (130) juniors were scored based on their individual performance in EBRW portion of the SAT. Of the (130) tested, 73% scored At college-ready, 24% scored at the Approaching college-ready and 33% scored Below college-ready according to the benchmarks established by the policy committee. Combining all scores outlined in the graphs on this page, (44 out of 130) (students passed both the EBRW and the Math portions of the exam.

COMPARING SAT MATH CUT SCORES BY SCHOOL 2022 (GRADE 11)



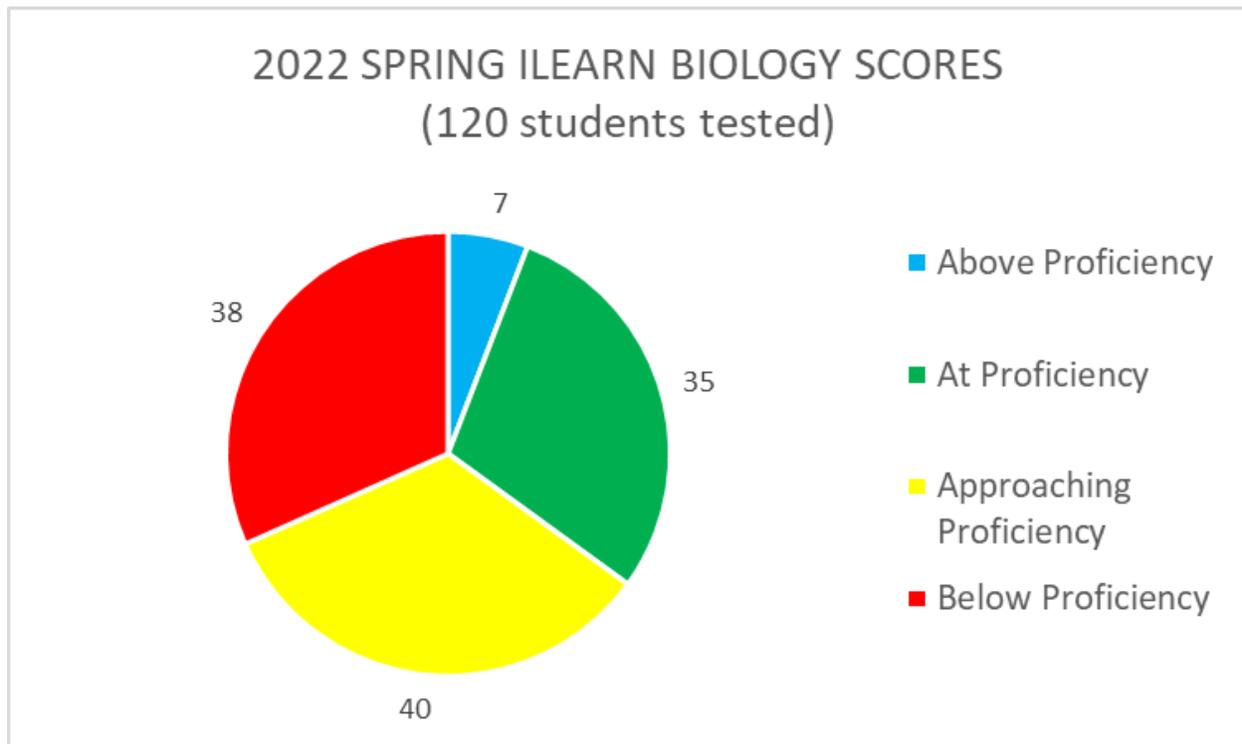
This graph shows how each secondary school in Wayne County scored on the Math portion of the SAT based on the cut scores established by the SAT Policy Committee. CHS had (50) out of (130) students meet the cut score for the Math portion of the SAT exam. According to the scores shown, CHS is the highest performing school with regard to having met the cut score for Math. That being said, there is room for significant improvement.

COMPARING SAT EBRW CUT SCORES BY SCHOOL 2022 (grade 11)

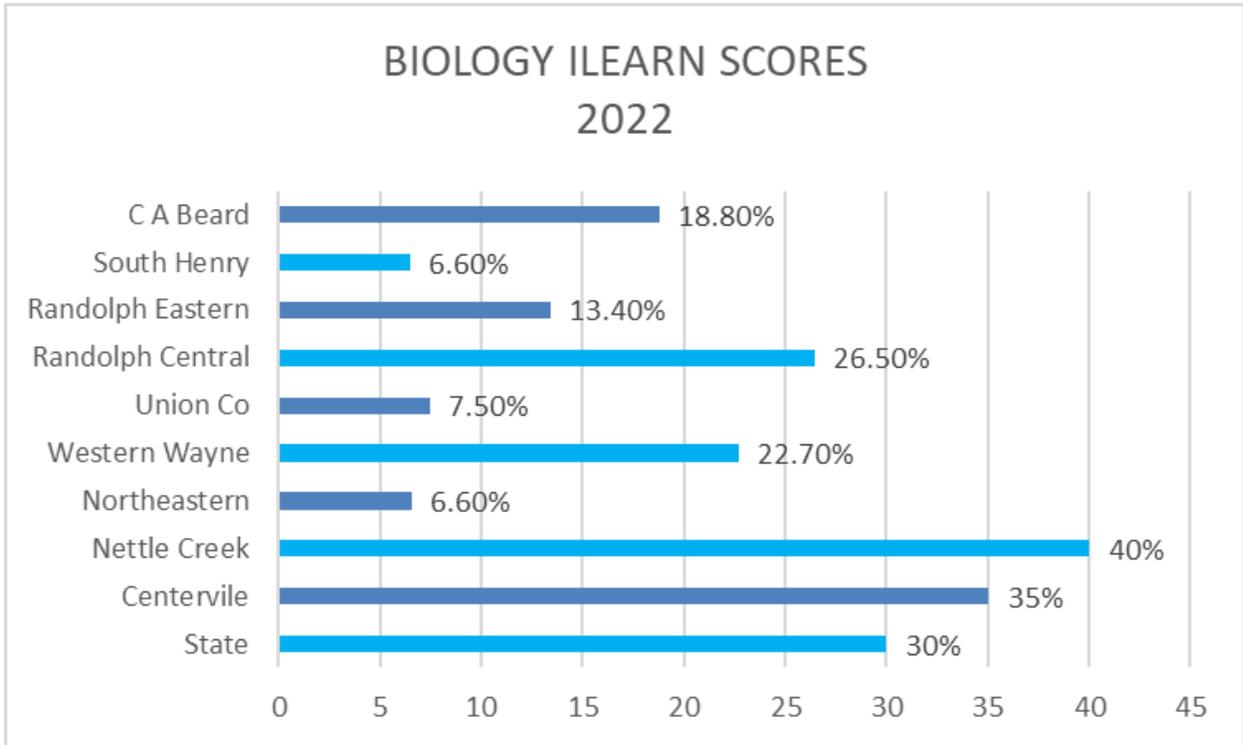


This graph shows how each secondary school in Wayne County scored on the EBRW portion of the SAT based on the cut scores established by the SAT Policy Committee. CHS had (74) out of (130) students meet the cut score for the EBRW portion of the SAT exam. According to the scores shown, CHS is the second highest performing school with regard to having met the cut score for EBRW. However, these numbers are a bit skewed as the highest performing school (Seton) only tested (24) students; finishing with an 83% success (20 out of 24) rate of meeting the cut score.

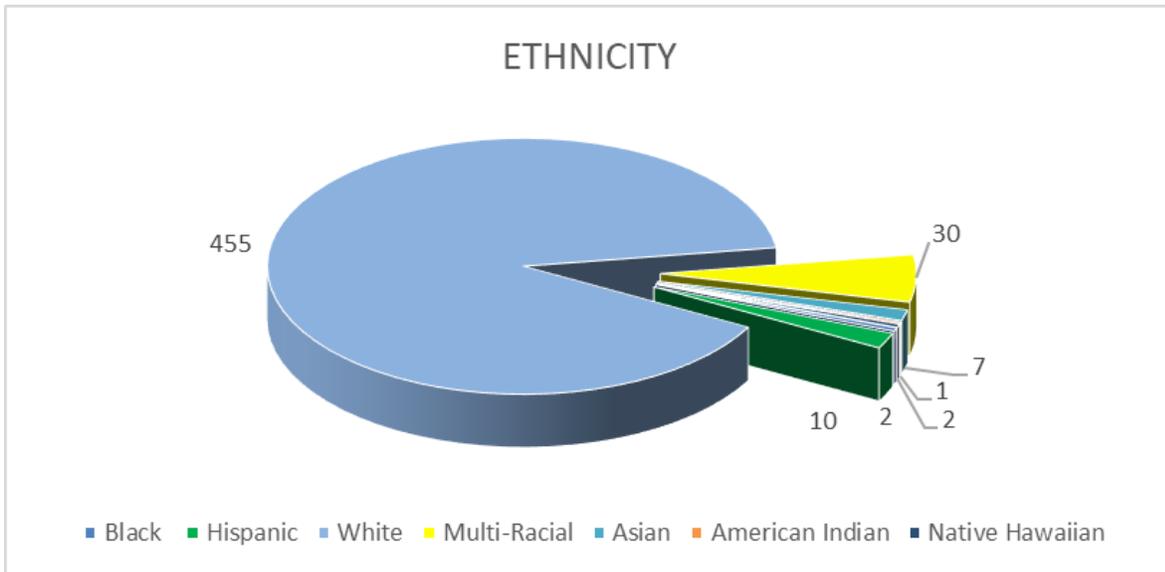
2022 SPRING ILEARN BIOLOGY
RESULTS



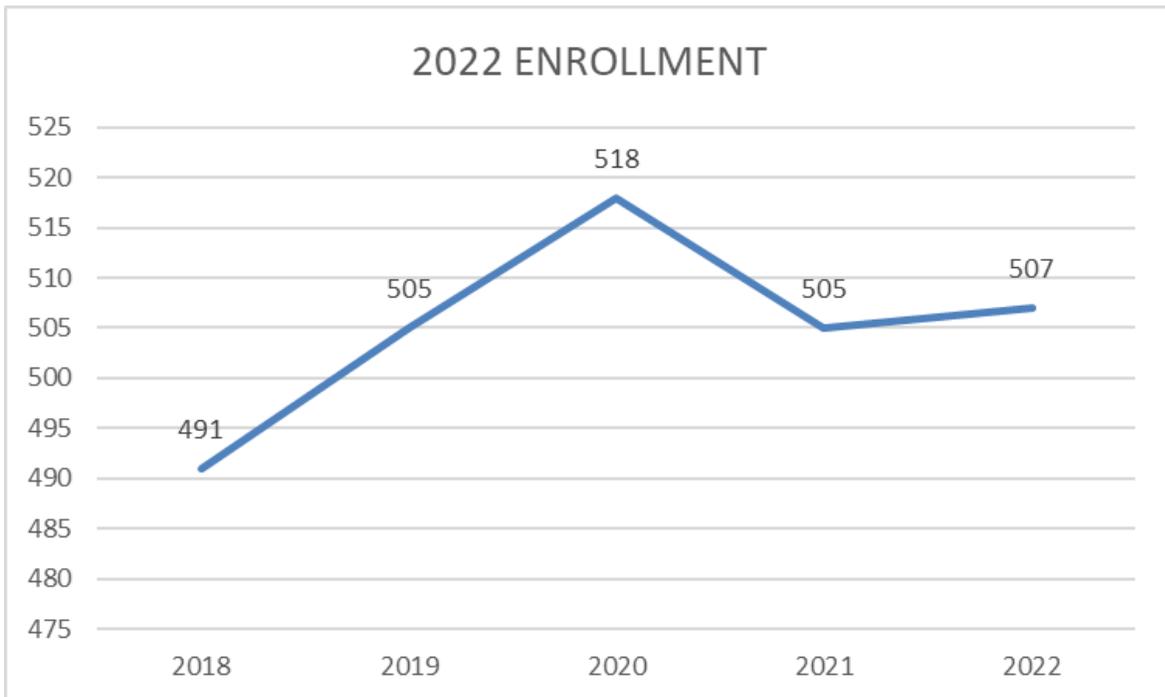
With regard to the ILEARN Biology assessment, the Indiana Department of Education has determined (4) separate benchmark categories for students based on their individual score. These categories are Above Proficiency, At Proficiency, Approaching Proficiency, and Below Proficiency. This graph shows where each of the (101) students that were tested in the spring of 2022 were placed according to the benchmark outlined. (3) students were Above Proficiency, 24 students scored At Proficiency, 37 students scored in the Approaching Proficiency benchmark and (37) students scored Below Proficiency. When looking at the data for the state, there were (81,294) students tested in the spring for the ILEARN Biology assessment. (24,367) students were considered proficient based on the determined benchmarks. Indicating that 30% of the students tested in the state of Indiana were considered proficient; *(16,912) were At Proficient and (7,455) were Above Proficiency.



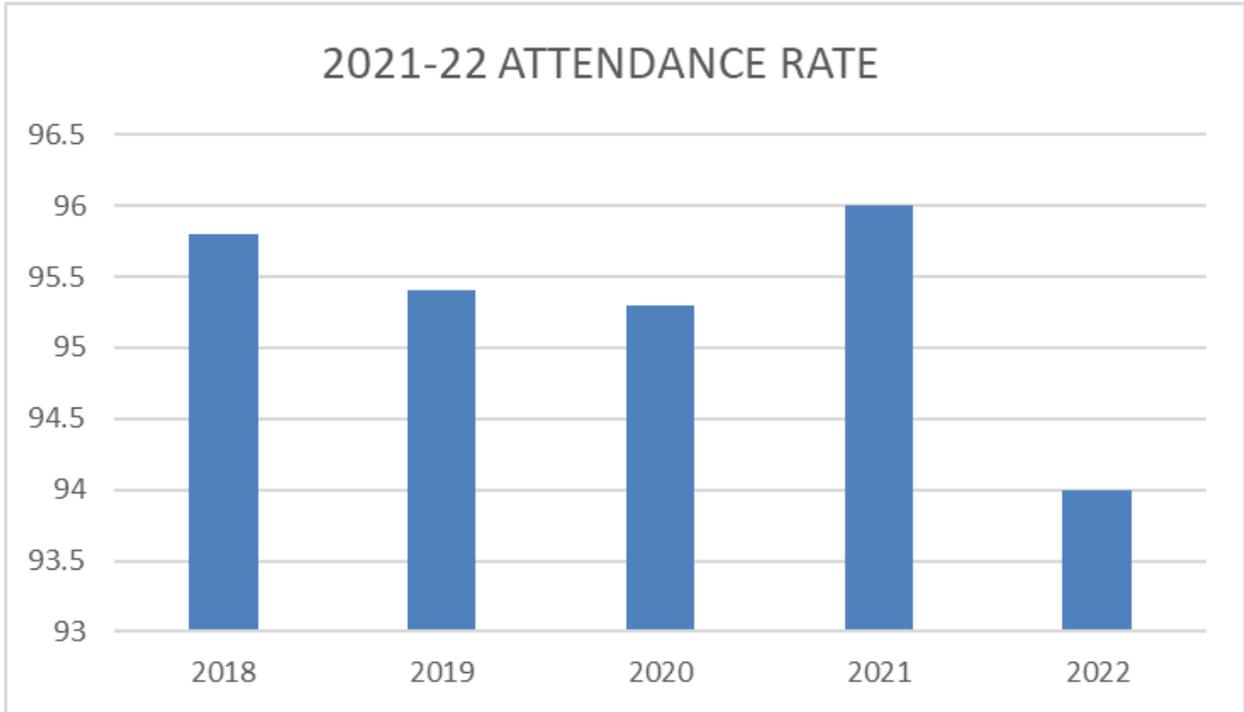
This graph shows how area schools in East Central Indiana based on the proficiency benchmarks determined by the Indiana Department of Education. CHS scored 35% proficiency compared to 30% proficiency level from the state. Based on these numbers, CHS scored the 2nd highest percentage in Wayne County falling behind Nettle Creek Schools (40%). Compared to the broader area schools of East Central Indiana, CHS scored again the second highest percentage.



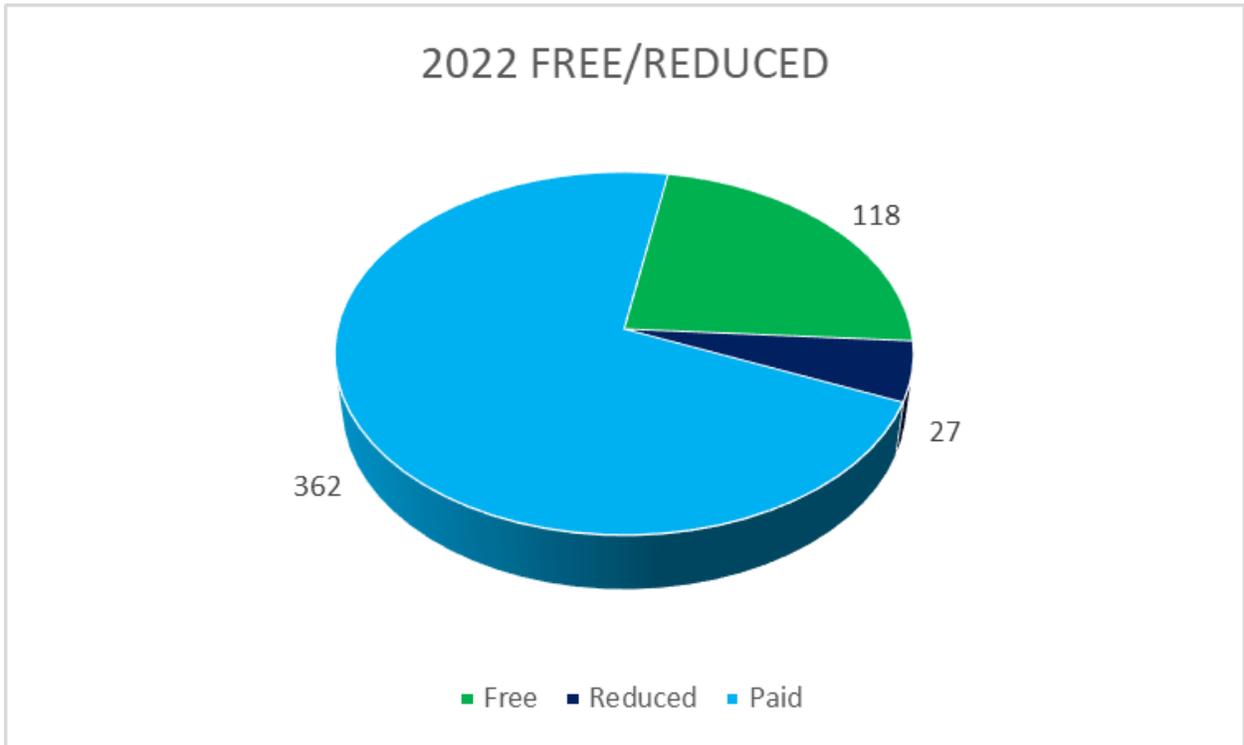
Based on enrollment for the 2021-22 school year, CHS remains low with regard to diversity. However, compared to the 2020-21 school year, CHS saw an increase in multi-racial students whereas other minority groups stayed relatively the same.



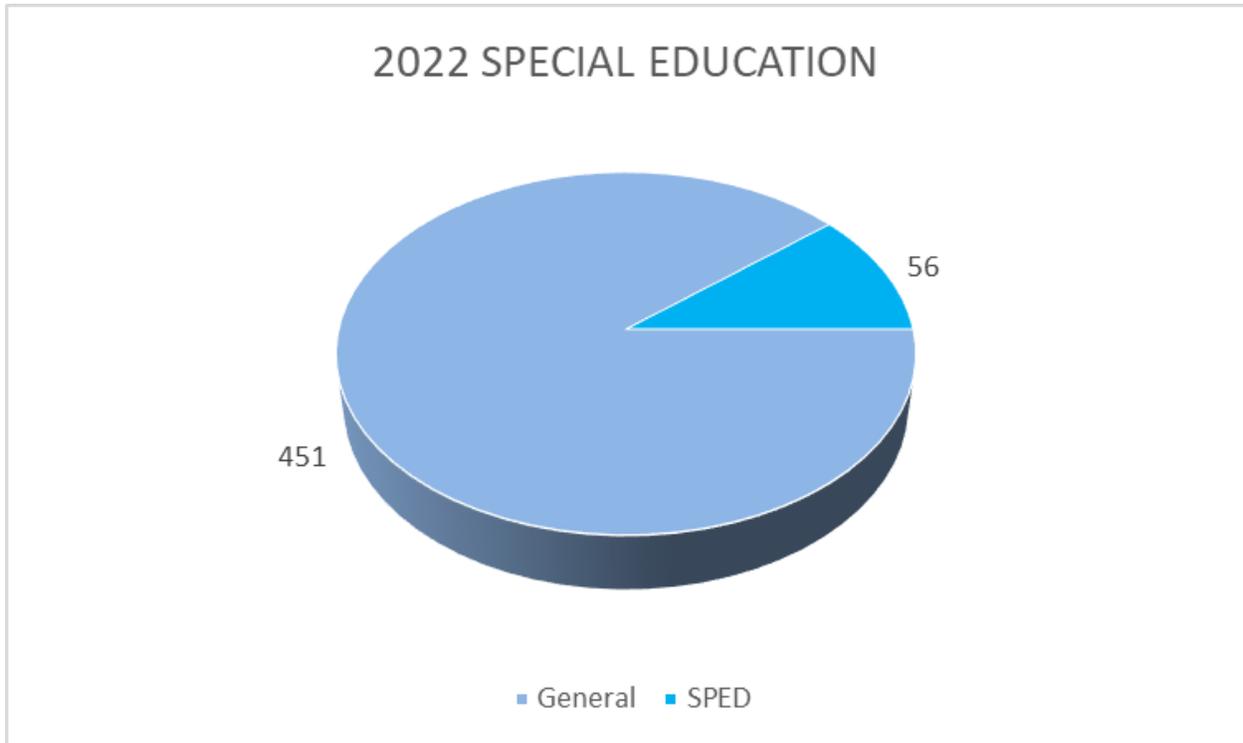
This graph highlights the five year trend in student enrollment at CHS. Enrollment is calculated in February after the 2nd ADM count for the school year. For the past five years, enrollment averaged about 505 students in grades 9-12. With the exception of the 2020 school year (518 students), CHS has been consistent with the amount of students enrolled each school year (c. 505).



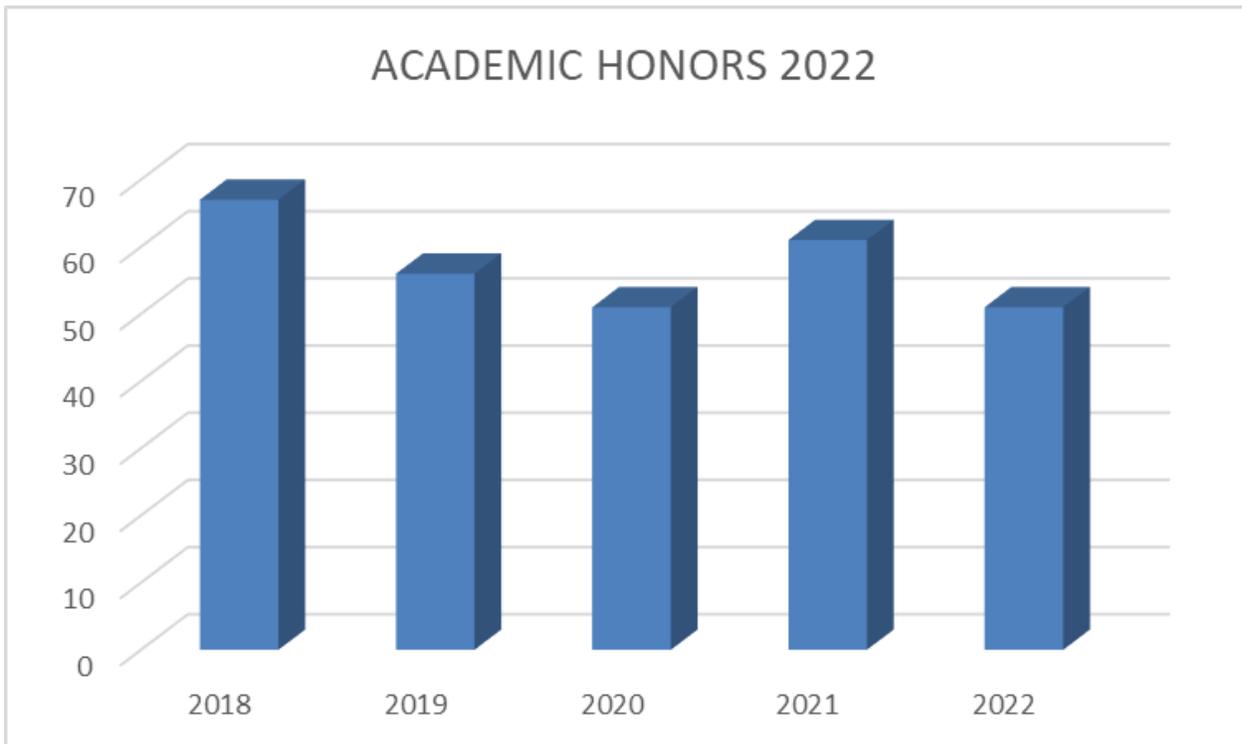
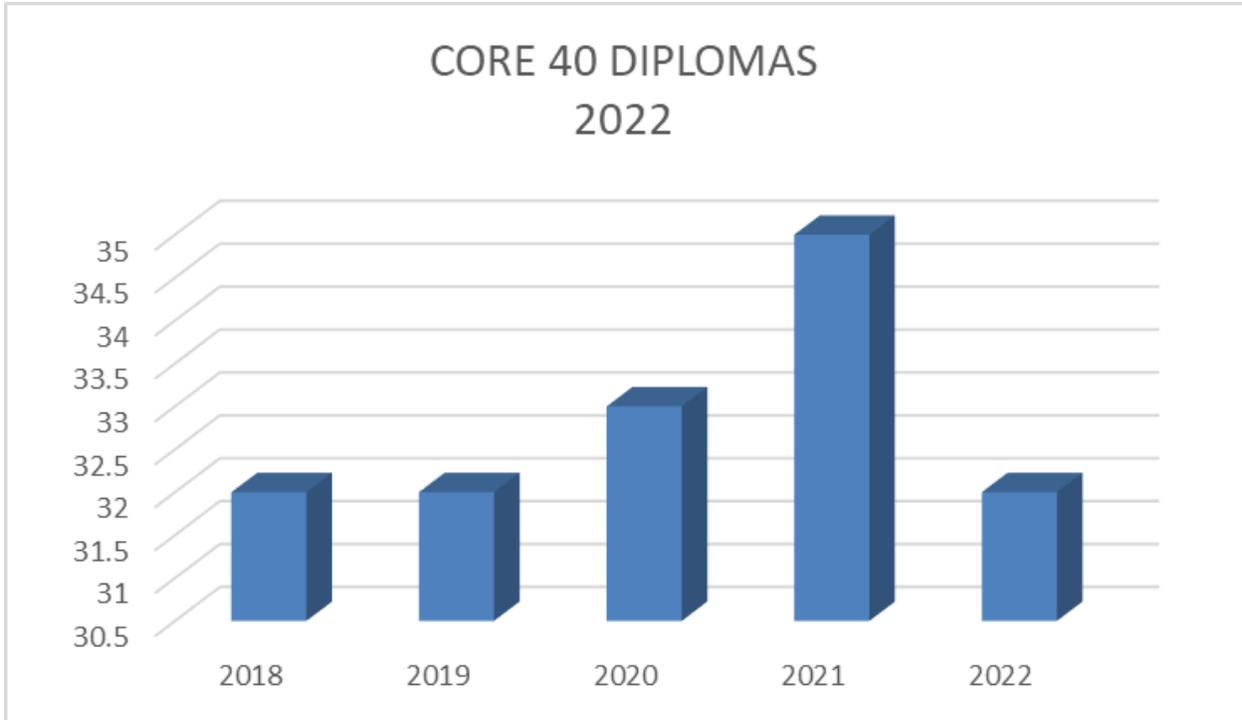
As the graph indicates, the attendance rate at CHS has been consistent. The IDOE has implemented a new initiative where each student (based on academic schedule) must have an attendance code for each instructional period. This impacts grades 7-12 where students travel to different academic classes during the school day. Administration anticipated a dip in overall percentage as evident during the 2021-22 school year.



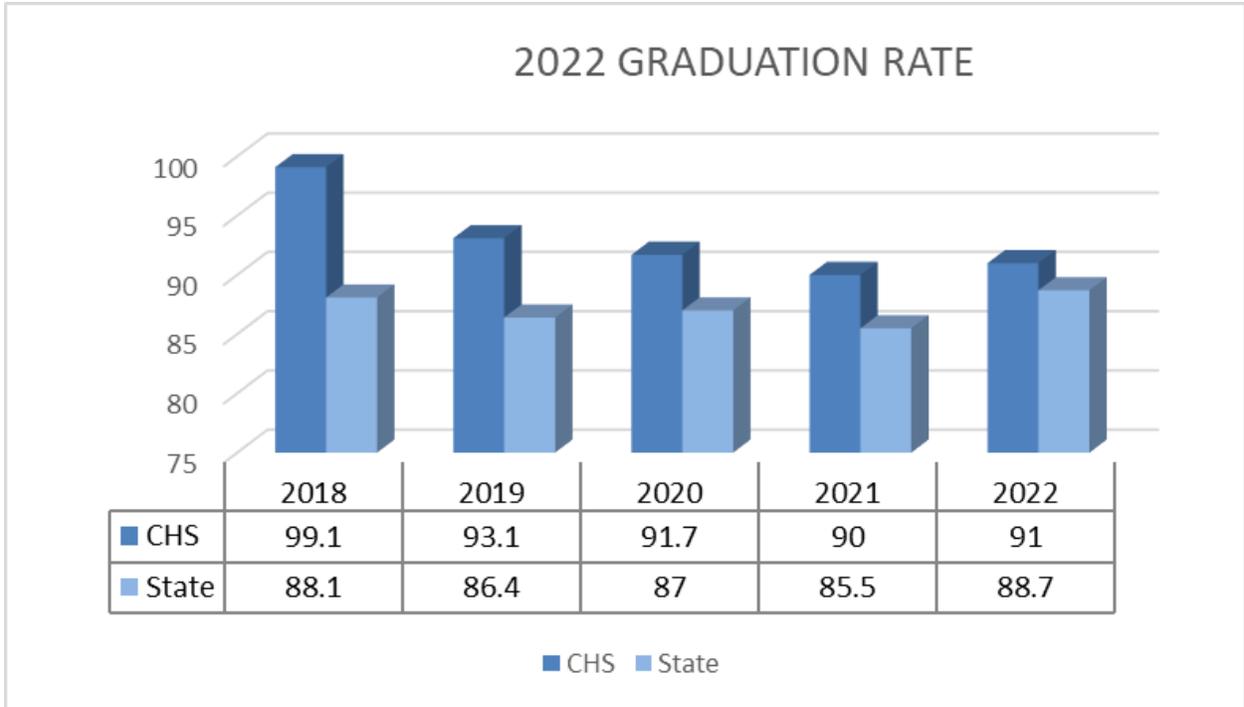
The number of Free & Reduced students has remained constant the past five years according to the data collected. The highest such number regarding students labeled as “free” were 131 in the 2018-19 school year. In the same year for students labeled as “reduced” was 35. The fewest for both categories was in 2020-21 school where there were 114 students labeled as “free” and 34 “reduced” These numbers were consistent with 2022 as 118 students were “free’ and 27 students “reduced”



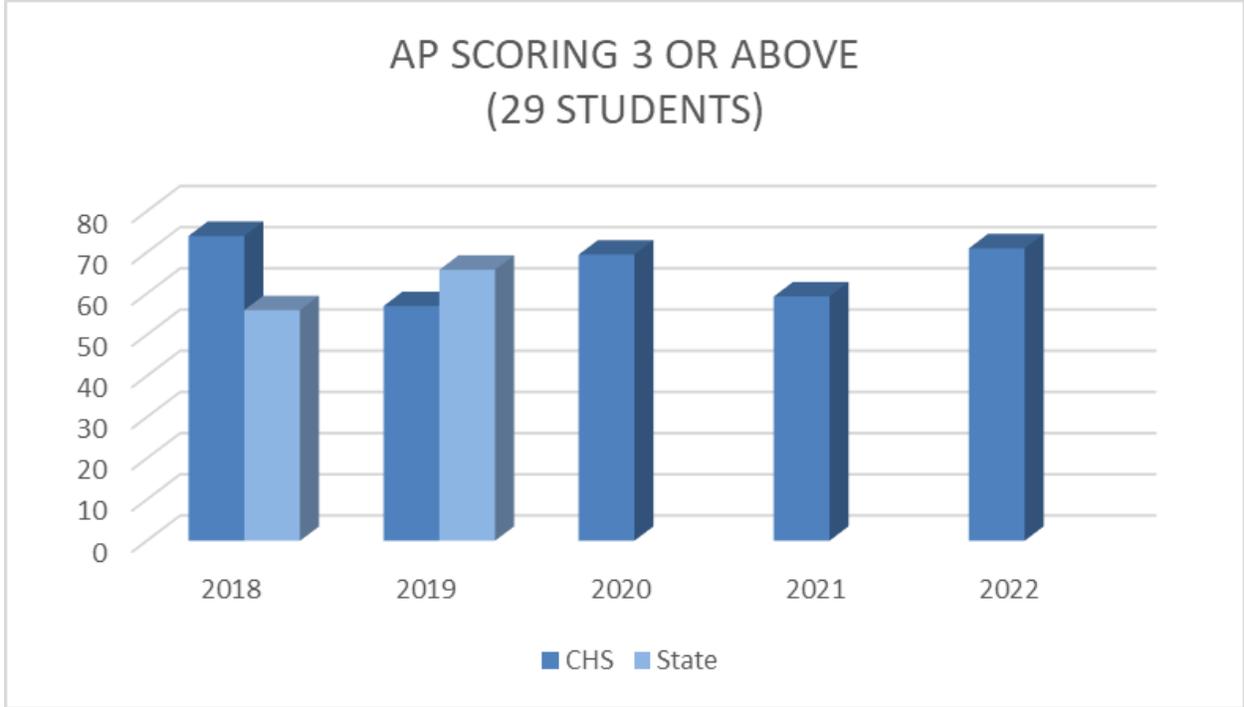
Analysis: We have seen an increase in those students who have been identified as needing an Individualized Education Plan (IEP). Based on the data collected for the 2021-22 school year, there are 10 more students identified as having special needs compared to the previous school year, 2020-21. In looking forward at the data available for the 2022-23 school year, CHS will have an increase in 7 more students identified as needing special services compared to the end of the 2021-22 school year.



Analysis: The 2022 cohort had 93 graduates. 32 of those 94 graduates received a Core 40 diploma. 51 of the 94 graduates received an Academic Honors or Technical Honors diploma. Specifically, 38 students received an Academic Honors diploma whereas 3 students received a Technical Honors diploma. 10 of the 51 students received both a Technical Honors diploma as well as an Academic Honors diploma.

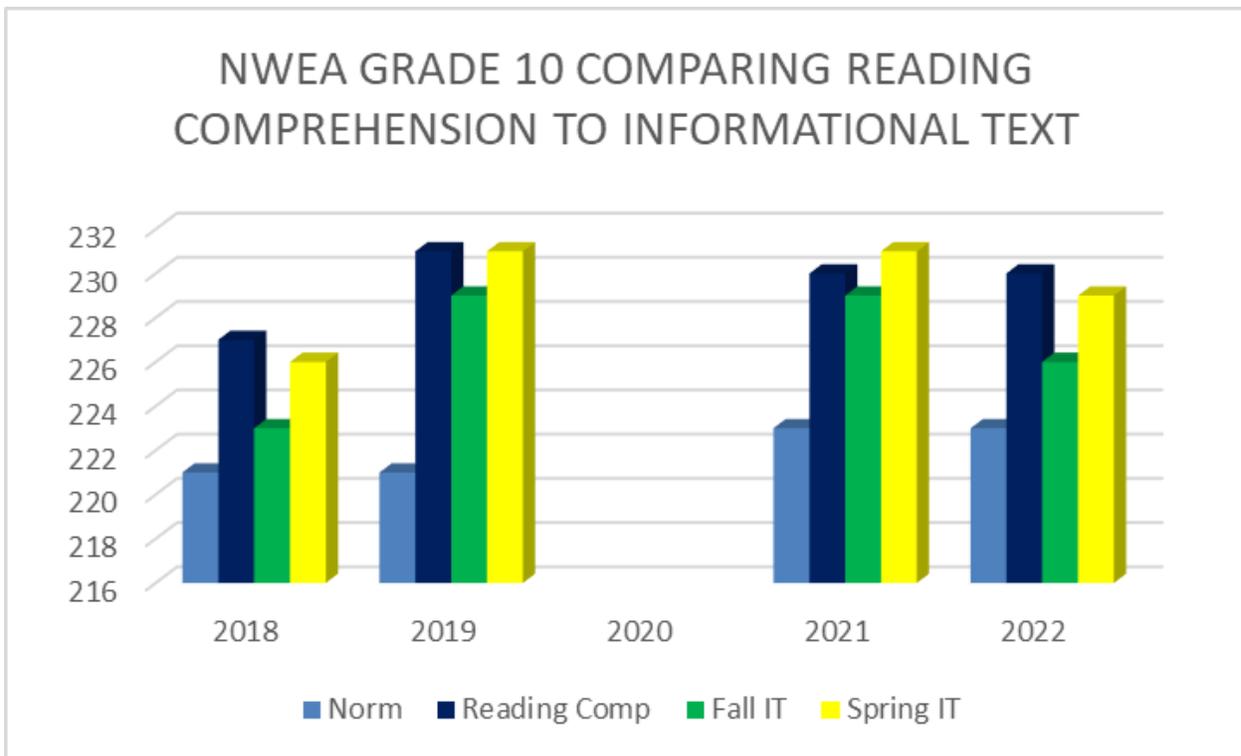
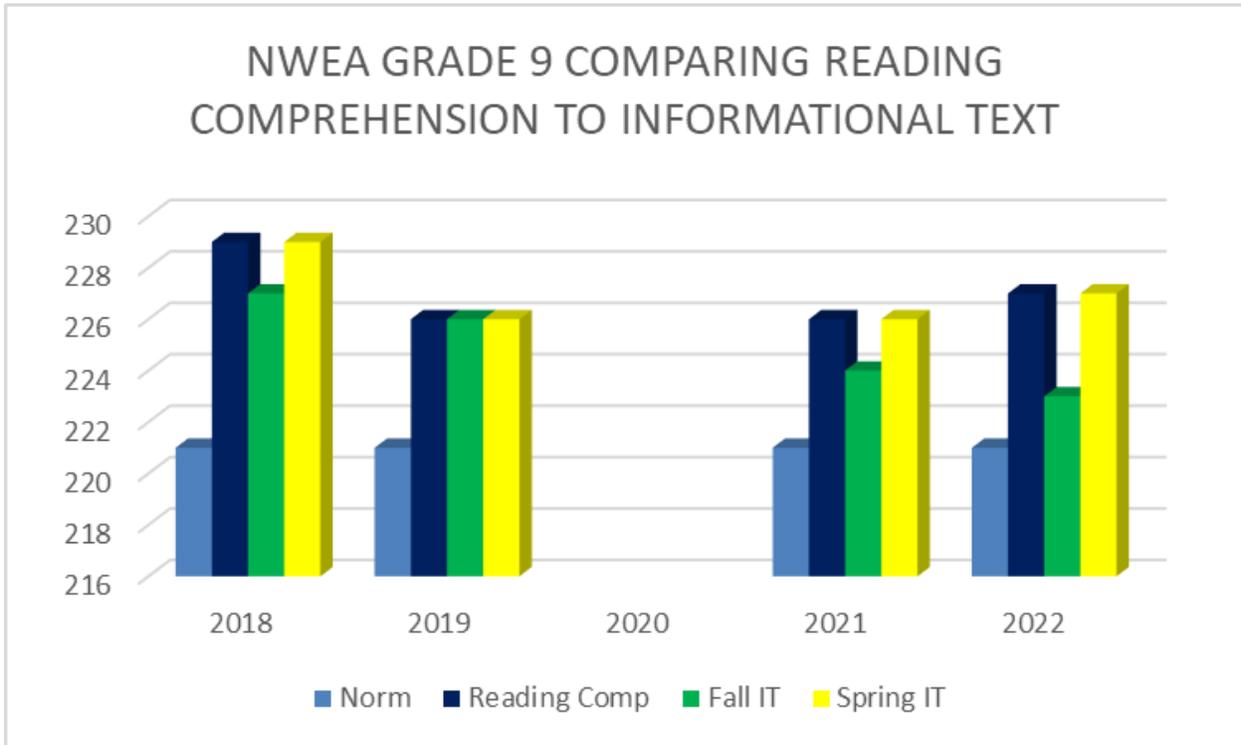


Analysis: Based on the five-year trend, CHS has had a graduation rate at least 90% or above. This percentage has also surpassed the state average each of the five years as well. For cohort 2022, the graduation rate was 91% which is roughly 2% higher than the state average.

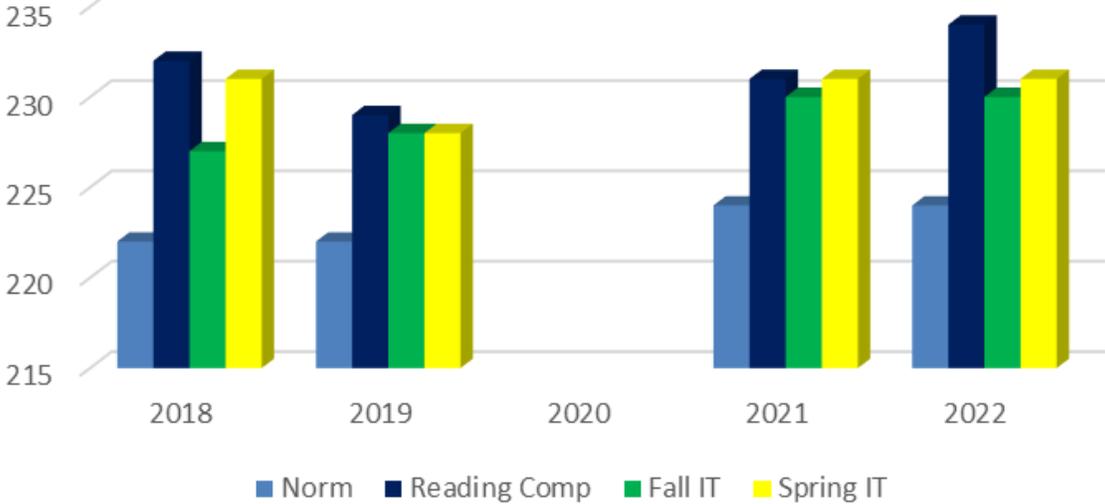


Analysis: This graph shows the percentage of students that scored a 3 or higher on the Advanced Placement exam for their respective subject area. In 2022, CHS had 29 students take one or more AP exams. Therefore, CHS had 71% of the total assessments taken have a score of 3 or higher. This percentage surpasses the 2021 total of 59%.

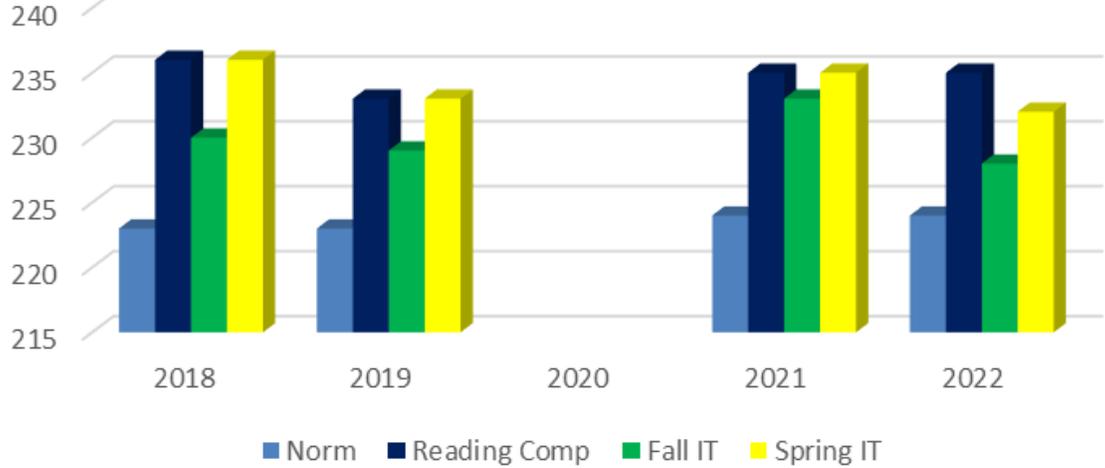
Presentation of NWEA Average Reading RIT Scores



NWEA GRADE 11 COMPARING READING COMPREHENSION TO INFORMATIONAL TEXT

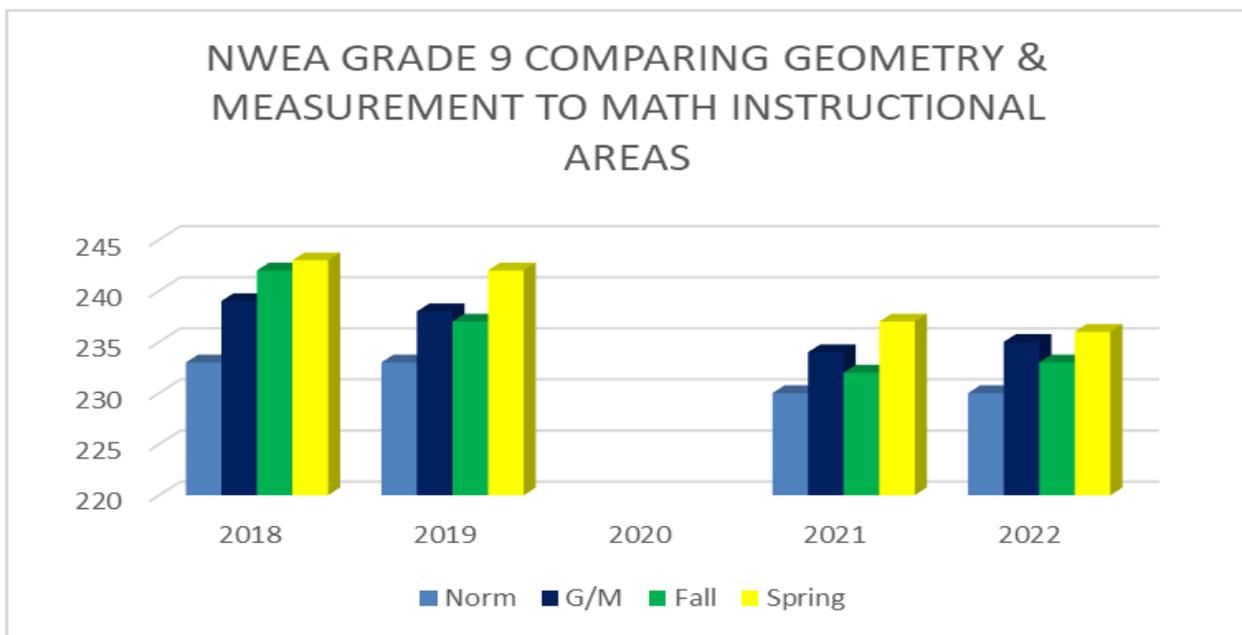


NWEA GRADE 12 COMPARING READING COMPREHENSION TO INFORMATIONAL TEXT

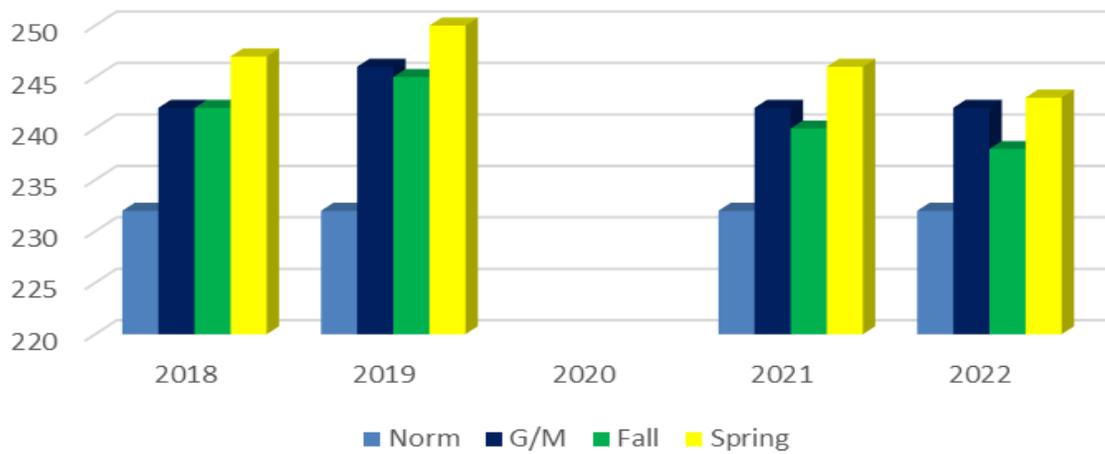


Analysis: Centerville Senior High school began using NWEA measures of academic progress (MAP) in the fall of 2007. Since this time, students have performed at or above grade level on the NWEA reading test. Grades 9-12 from 2018-2022 have shown growth from Fall to Spring. The school year of 2019-20 was impacted by school closures due to COVID-19. In all years from 2018-2021 the informational text subtest has indicated a growth at or above the total reading comprehension subtest. The only year where this did not happen was the spring Informational test for grade 12 in 2022. Students are not only increasing as expected, but many are scoring higher than their expected level. With a focus on informational text instruction and CLOSE reading strategies, we have met our corporation goal. As a school, we will continue to implement this goal as our strategies are working.

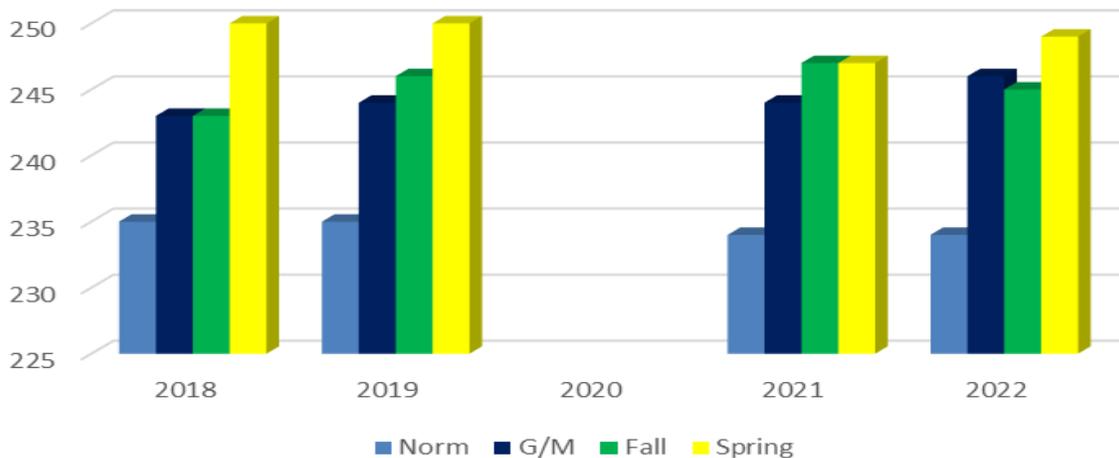
Presentation of NWEA Average Math Instructional Areas RIT Scores



NWEA GRADE 10 COMPARING GEOMETRY & MEASUREMENT TO MATH INSTRUCTIONAL AREAS



NWEA GRADE 11 COMPARING GEOMETRY & MEASUREMENT TO MATH INSTRUCTIONAL AREAS



Analysis: When comparing subset areas in NWEA results, the data committee determined that Geometry and Measurement should be the subset goal as this is the area with the lowest scores. From the data for Grade 9, 10, and 11, it is clear that this subset area is below the yearly spring results for the years 2018 through 2021; with the exception of the spring 2020 results, as we did not have any comparative data due to this school year being impacted from COVID-19. However, we did see an incremental increase in Geometry & Measurement in all three grade levels when comparing the fall and spring assessment scores. Our school improvement plan will include an updated math goal in hopes that we see an increase in comprehension in the areas of Geometry & Measurement.