

Applied Analysis (“AA”) was retained by the City of Henderson (“Henderson”) to perform an analysis specific to educational outcomes for K-12 students attending public schools within Henderson’s boundaries. More specifically, this analysis compares the performance of Henderson students to students in the Clark County School District (“CCSD”), State of Nevada (“Nevada”) and the United States. AA analyzed performance data for the 2020-2021 school year. These data clearly indicate that students attending Henderson elementary, middle and high schools outperform their counterparts at the local, state and national level.

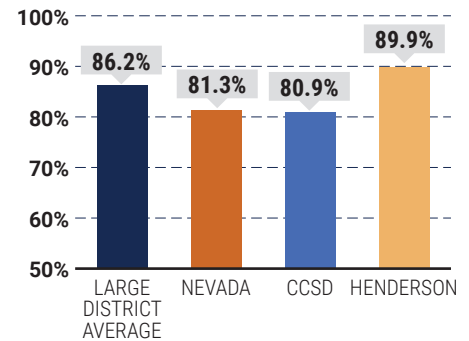
Perhaps most notably, seniors at Henderson high schools graduate at greater rates than their peers. For the class of 2021, Henderson reported a graduation rate of 89.9 percent. This number is well above the graduation rates of CCSD (80.9 percent) and Nevada (81.3 percent). Henderson seniors also graduated at greater rates than the nationally-representative “large district average” – a weighted-average graduation rate for American school districts with 25,000 or more in enrollment – where 86.2 percent of seniors graduated in four years, nearly four percentage points below the rate reported for Henderson students.

According to ACT scores reported in 2021, 54.5 percent of Henderson high school juniors were ready for college-level English. This figure compares favorably when compared to the national average (43.0 percent) as well as the shares reported for CCSD (45.8 percent) and Nevada (46.7 percent). Henderson juniors did lag behind the nation in college-level math readiness, with 26.0 percent of juniors in Henderson ready for college-level math courses versus 36.0 percent of juniors across the country. However, Henderson juniors outperformed their local and state counterparts, which reported college-level math readiness rates of 21.2 percent and 22.4 percent, respectively.

In 2021, standardized tests were administered to elementary and middle school students in Nevada and 12 other Smarter Balanced Assessment Consortium (“SBAC”) states. These tests focus on reading and math proficiency for students in fifth grade and seventh grade. In terms of fifth grade reading, Henderson students reported a proficiency rate of 57.8 percent. This rate was significantly higher than the rates reported for CCSD (39.5 percent) and Nevada (42.3 percent). It was also higher than the average fifth grade reading proficiency rate reported across SBAC states (45.8 percent). A similar trend was reported among seventh graders. Henderson reported a reading proficiency rate of 60.8 percent, above that reported for CCSD students (42.7 percent), Nevada students (46.4 percent) and all students taking the SBAC assessment (47.7 percent). In math, Henderson fifth graders were 0.3 percentage points below the SBAC state average of 31.6 percent; however, they exceeded the rates reported for CCSD students and Nevada students by 12.0 percentage points and 7.1 percentage points, respectively. Notably, this trend is markedly improved by seventh grade, where Henderson students outperform the math proficiency average reported for all SBAC states by 6.2 percent and materially widened the gap when compared to CCSD students and students throughout Nevada.

## GRADUATION RATES

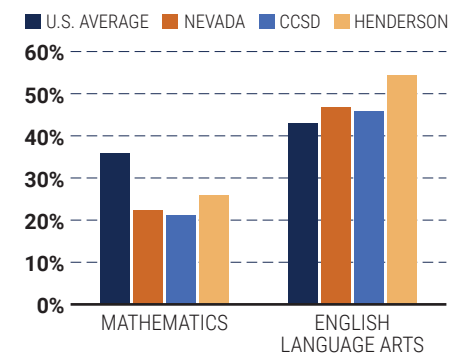
(2020-2021)



Seniors attending Henderson high schools reported substantially higher graduation rates than their local, state and national peers.

## ACT RESULTS

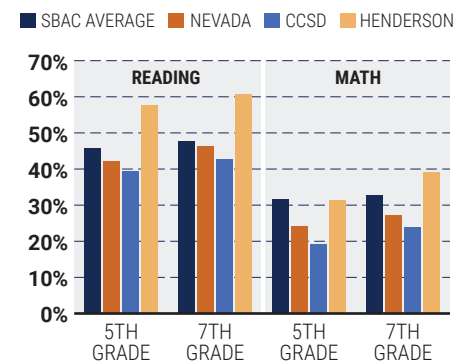
Percent Meeting Benchmark (2020-2021)



Despite lagging behind the nation in math readiness, juniors attending Henderson high schools are ready for college-level English language arts and math courses at greater rates than their regional counterparts.

## PROFICIENCY RATES

(2020-2021)



Compared to their peers across CCSD, Nevada and United States, Henderson’s elementary and middle school students scored substantially better on fifth and seventh grade assessment exams.

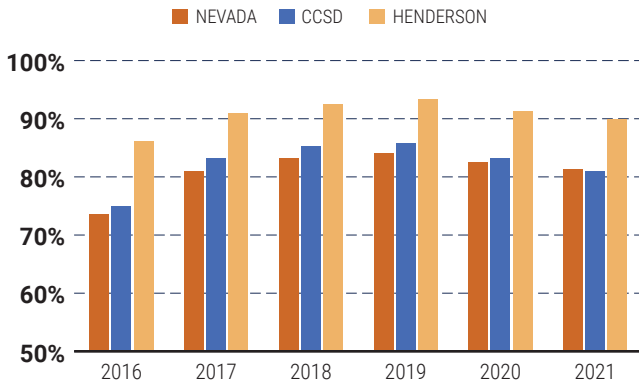
Jurisdictions across the nation reported educational setbacks stemming from the COVID-19 pandemic. Graduation rates fell, as did proficiency rates in math and reading. With some exceptions, Henderson students appear to have given up less ground during the pandemic than did their counterparts nationally.

Education is a critical quality-of-life and economic development consideration. It is an area of focus and a source of pride for Henderson to have schools that outperform regional, state and national averages. Importantly, Henderson also reports a higher level of

education attainment among its existing workforce, with 25.0 percent of the population having some college training, 30.4 percent of the population having a college degree and 13.4 percent of the population holding a post-graduate degree. In Clark County, these numbers are 24.3 percent having some college training, 24.9 percent having a college degree and 8.6 percent holding a post-graduate degree, while statewide 24.9 percent have some college training, 25.2 percent hold a college degree and 8.9 percent have a post-graduate degree. Together, these statistics bode well for Henderson's workforce today and into the future.

### GRADUATION RATES

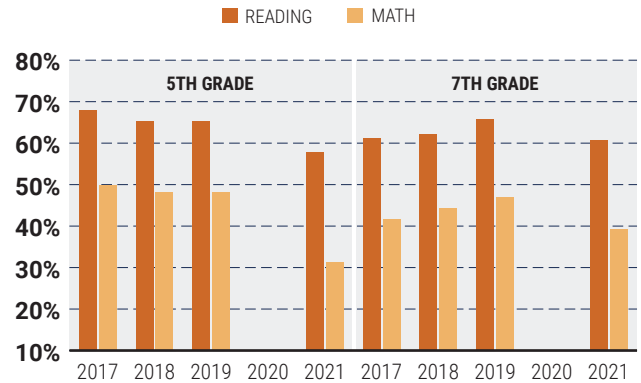
Historical Trends



Although impacted by the COVID-19 health crisis, graduation rates in Henderson remained elevated compared to rates reported for CCSD and the state of Nevada.

### HENDERSON PROFICIENCY RATES

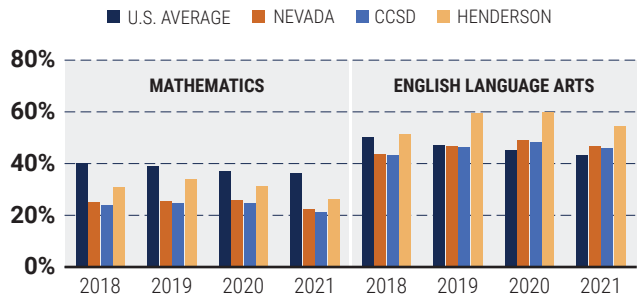
Historical Trends



Proficiency rates were steady across years for Henderson fifth graders and improving for seventh graders. However, due to the COVID-19 health crisis, test performances have dampened, with fifth grade math scores the most impacted.

### ACT RESULTS

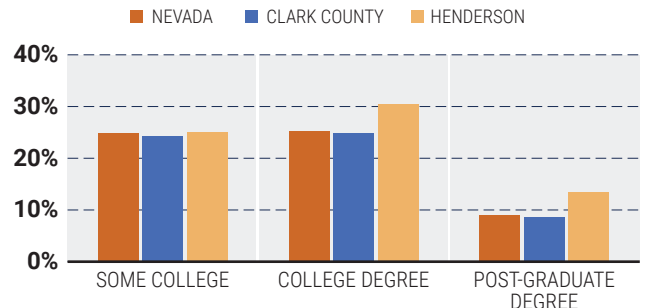
Historical Trends



Despite COVID-19-related reductions in college-level English language arts and math course readiness, juniors at Henderson high schools continued to outperform their local and state-level peers.

### EDUCATIONAL ATTAINMENT

Percent of Workforce (2022)



The Henderson workforce was substantially more educated than both the Clark County and broader Nevada workforces, particularly regarding college degree and post-graduate degree attainment.

Notes: Reporting for some data and jurisdictions were significantly impacted by the COVID-19 health crisis -- therefore, the conclusions reached herein are subject to constraints related to data availability. Sources: Various State Departments of Education, ACT INC., Claritas, LLC, Applied Analysis