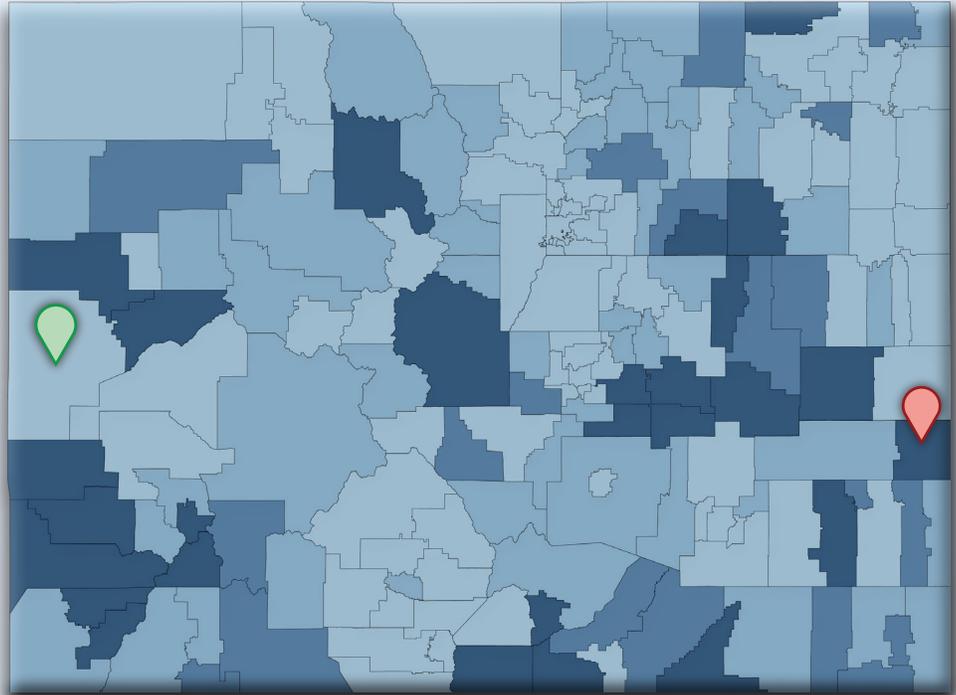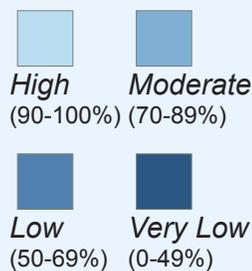**Institute of Education Sciences**

To stop the spread of COVID-19, schools across the country have had to rely on remote learning instead of in-person classes. The shift to remote learning continues to shed further light on the digital divide for students who lack reliable access to the Internet and learning resources.

## Residential Internet Connectivity Profile: **Colorado**

Across the state of Colorado 5% of the 1,069,294 individuals age 5–19, or approximately 54,902 indivuduals, don't have broadband Internet at home.

### Level of Broadband Internet Connectivity

Percentage of individuals age 5–19 with broadband Internet within a school district boundary

*High* (90-100%)

*Moderate* (70-89%)

*Low* (50-69%)

*Very Low* (0-49%)

### Comparison of Select Districts

**Mesa County Valley School District**
94.2% of the 28,200 individuals age 5–19 within the school district boundary have broadband Internet.

**Plainview School District**
18% of the 61 individuals age 5–19 within the school district boundary have broadband Internet.

## Residential Internet Connectivity: **Rural Districts**

Although 90.9% of city and suburban districts in Colorado have *high* levels of broadband Internet connectivity, only 26.8% of the 112 rural districts in Colorado have *high* levels of connectivity, and many have *low* or *very low* levels.

*High*: 26.8%          *Moderate*: 32.1%          *Low*: 17.0%          *Very Low*: 24.1%

Percentage of students with broadband Internet is defined as the population age 5 to 19 within a school district boundary with Internet speeds greater than 25 Mbps, divided by the total population age 5 to 19 in that district.

Population data were calculated from the American Community Survey (2014–2018 five-year estimates, https://data.census.gov/cedsci/), and broadband data were retrieved from the Federal Communications Commission Form 477 database from June 2019, https://www.fcc.gov/economics-analytics/industry-analysis-division/form-477-resources.

Urban-centric locale data are based on the National Center for Education Statistics locale framework, https://nces.ed.gov/programs/edge/docs/LOCALE_CLASSIFICATIONS.pdf.

For an additional interactive map, visit https://maps.ruralopportunitymap.us/broadband-access-map.