



COLORADO
Department of Public
Health & Environment



ORAL HEALTH IN COLORADO *by the numbers*

Diverse communities call Colorado home.

Across the state, Coloradans talk about how their communities offer connection and support. People identify communication and education as sources of strength. These connections enable people to get information from trusted members in their own community like school staff, faith leaders, resource centers, families and friends. These relationships contribute to the resilience communities demonstrate as they confront barriers to optimal oral health.

The challenges Colorado communities face are as varied as the landscape. Each

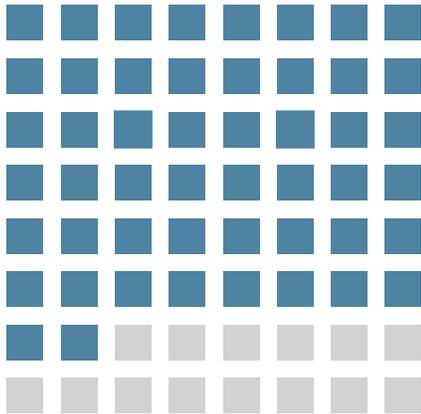
encounters unique barriers that contribute to state-wide inequities. Factors including insurance status, cost, region, language, and cultural variations impact social determinants of health for people across Colorado.

Coloradans are more likely to have poor oral health if they encounter barriers such as earning low wages, are not covered by insurance, are a racial or ethnic minority, have immigrated recently, have disabilities, or live in a rural community. The following infographics highlight factors that may contribute to oral health disparities.



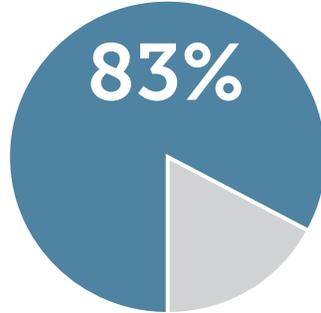
Regional Disparities

CARE SHORTAGE



50 out of 64

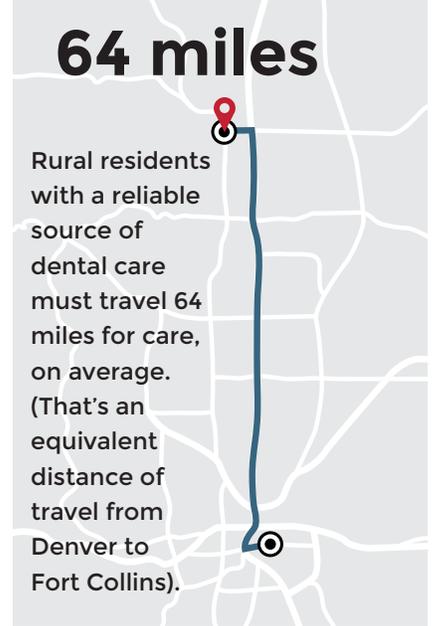
Colorado counties are designated as either geographic or low-income population Dental Health Professional Shortage Areas (HPSA)



83%
of Colorado's rural or frontier counties are designated as Dental Health Professional Shortage Areas

64 miles

Rural residents with a reliable source of dental care must travel 64 miles for care, on average. (That's an equivalent distance of travel from Denver to Fort Collins).



"Rural populations have a lower supply of dentists, receive less dental care for adults and children, and have higher rates of tooth loss for adults. They are also more likely than urban populations to have inadequately fluoridated drinking water[...] and have lower health literacy." -- Colorado Rural Health Center, 2022

Ratio of dentists to residents in Colorado:

1 : 1,453

Clinical treatment capacity is unevenly distributed across the state



23

counties do not have a dental hygienist who accepts Medicaid

10

counties do not have a dentist

6

counties do not have a hygienist





Economy, Race and Culture

Social determinants of health (including economic stability, neighborhood and built environment, education access and quality, social and community context, and health care access and quality) are directly related to oral health. Hispanic/Latino community members and those in low-wage earning households experience poorer oral health than their white and higher-income counterparts.

LANGUAGE BARRIERS

Though the state is becoming more diverse, the dental profession remains overwhelmingly comprised of White, non-Hispanic professionals who often only practice in English.



315,000

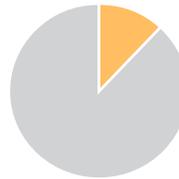
Coloradans speak English "less than very well," which result in additional barriers to navigating insurance and health care.³



20%

of dentists with an active license are over age 60.

12%

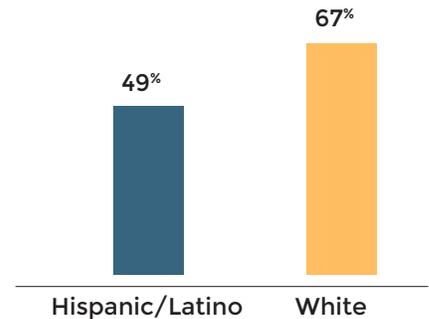


of Colorado households report Spanish is their preferred language.

INSURANCE STATUS

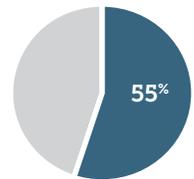
Treatment is not equally available to all persons because of insurance status or the inability to pay for needed oral health services.

HAVE INSURANCE:

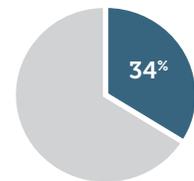


MEDICAID GAPS

Of dentists who accept Medicaid, only 55% had at least one Medicaid claim as a rendering provider.²



And only 34% of hygienists who accept Medicaid had at least one Medicaid claim as a rendering provider²



Many Coloradans are unable to receive care in a language they are comfortable speaking. Spanish-speaking participants noted that they would prefer seeing a dentist that speaks their language.



FEDERAL POVERTY LEVEL

250%

Hispanic/Latino adults and adults living at or below 250% of the federal poverty level have statistically similar rates of tooth loss resulting from decay or gum disease.¹

1. Behavioral Risk Factor Surveillance System data
2. Between 1/1/2022 and 6/30/2022
3. 2021 census data
4. Colorado's Primary Care office



Oral Health and Children

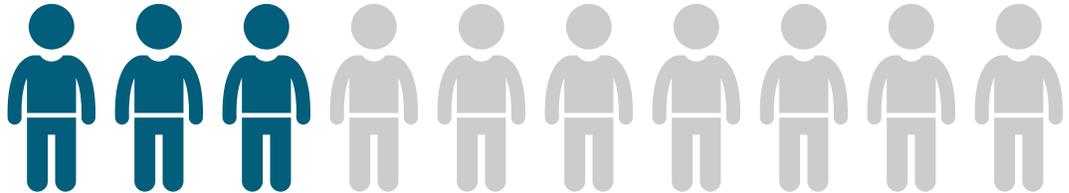
The inequities in social determinants of health impact and shape the lives of Colorado's children and are barriers in accessing oral health care in the state.



Cavities remain the number one chronic disease in children, with potential developmental, economic, and social ramifications.

3 in 10

children have tooth decay by kindergarten



CHILDHOOD TOOTH DECAY BY ETHNICITY KINDERGARTEN STUDENTS



THIRD-GRADE STUDENTS



NEARLY HALF

of Colorado children experience a cavity by third grade

