

Denver Environmental Health

Neighborhood Level Data and Mapping Resources

Prepared by:

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Community Health Division

- More data-driven decision making
- Add 'health to all policies'
 - GO Bond
 - Denveright Plans
 - Vision Zero
 - NDCC Master Mobility Plan
 - Ultra-Urban Green Infrastructure guidelines
 - RTD Affordable Fares Pilot Program
- Consider <u>equity</u> in City policies, plans, projects



Community Health Division

Data and mapping resources include:

- Neighborhood Equity Index
- Heat Vulnerability Index
- Custom data mapping:
 - MY Denver Card Bike Academy prioritization

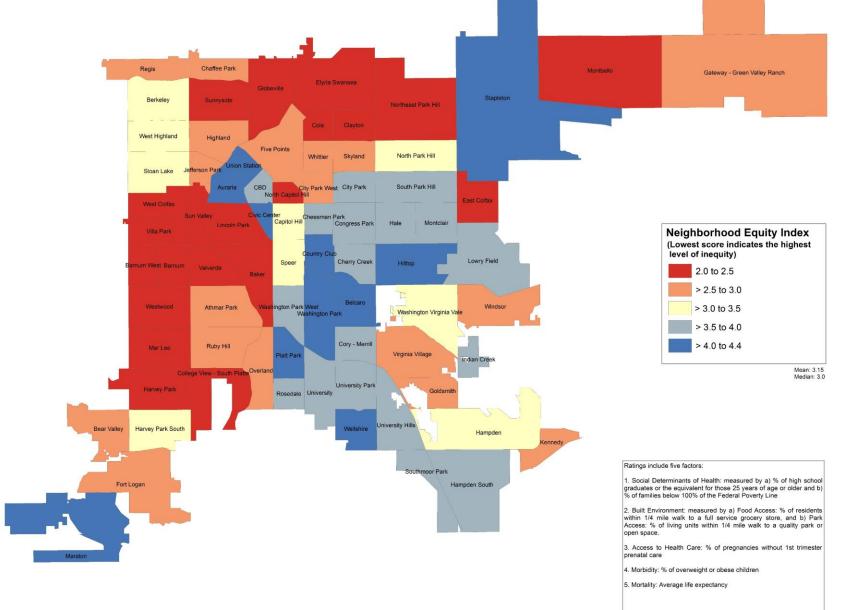


Community Health Division

Next steps:

- More maps and data on DEH website:
 - Health status
 - Access to health care
 - Built environment indicators
 - Safe Routes to School
 - Healthy food sources
 - Socioeconomic, demographic analysis
 - Equity indicators and analysis
 - Publicly accessible, self-service, empowers communities
- Please use us as a resource for nonbiased health and equity data and analysis; we are your official City Health Department!

Denver Neighborhood Equity Index





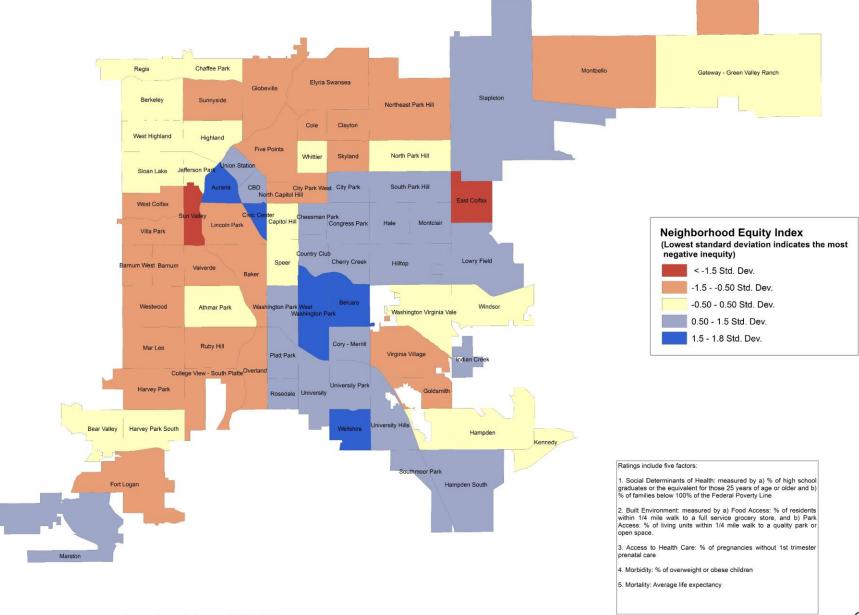
Source: Denver Environmental Health, 2016.

Data: 1. American Community Survey 2009-2013. 2. City and County of Denver GIS, 2015. 3. Vital Statistics

Denver, 2007-2013. 4. Colorado BMI Monitoring System 2012-2014, Kaiser Institute for Health Research. 5. Center on Society and Health, Virginia Commonwealth University, Vital Statistics, Denver, 2004-2013.



Denver Neighborhood Equity Index





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Heat Vulnerability in Denver

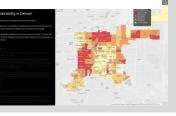
Extreme Heat Vulnerability Index

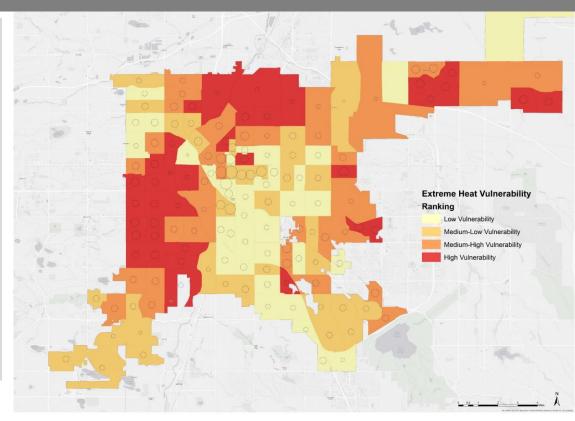
Extreme heat events will become increasingly common as the climate warms.

This map is part of an online story map that evaluates Denver's vulnerability to extreme heat in the context of the interconnected socioeconomic, health and environmental conditions that can increase heat vulnerability.

This map shows the overall heat vulnerability score for census tracts across Denver. The darker reds correspond to census tracts with the highest overall vulnerability. Overlaid circles are proportional to that census tract's population.

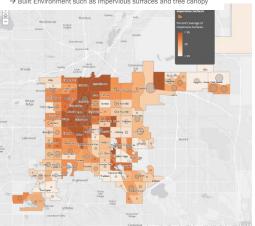
These maps and analysis are part of an online ArcGIS Story Map from Denver Environmental Health. This work is a partnership between the Environmental Quality and Community Health Divisions.





Factors of Extreme Heat Vulnerability

→ Built Environment such as impervious surfaces and tree canopy

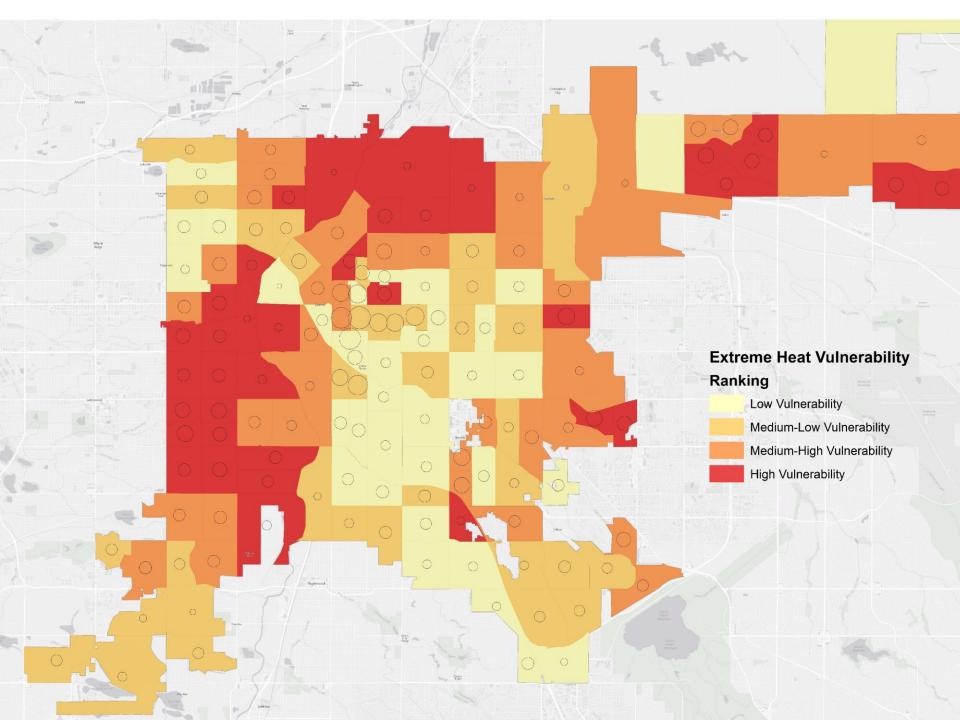


→ Demographics such as age, poverty, vehicle access, household isolation

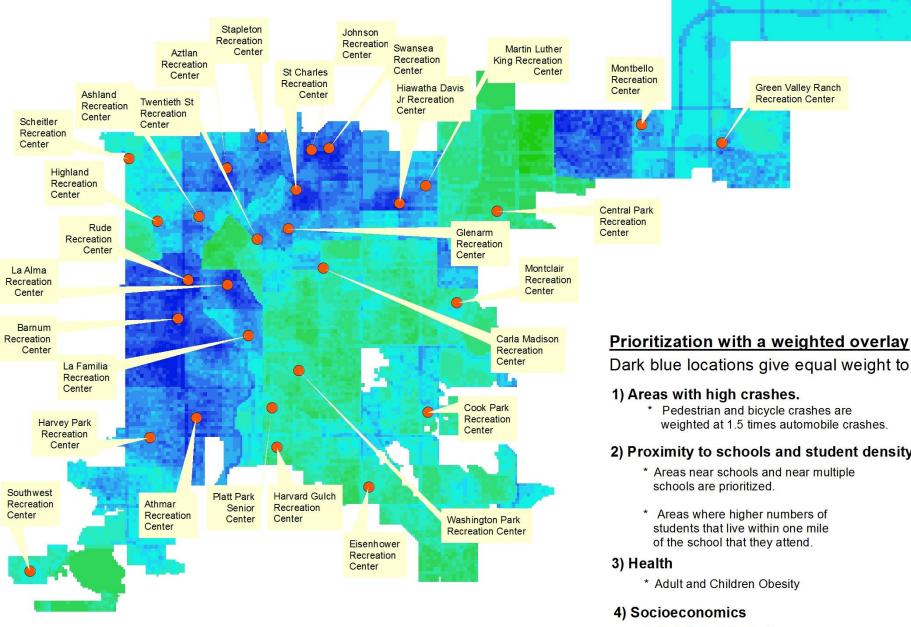


ightarrow Health such as diabetes, cognitive and ambulatory disabilities





Recreation Center - Prioritization (safety, children, health, and socioeconomics)



COMMUNITY HEALTH

Analysis: Denver Environmental Health

February 14, 2017

Source: Variety of City and County of Denver data, please contact for details.

Contact: Michele Shimomura@denvergov.org

Dark blue locations give equal weight to:

2) Proximity to schools and student density:

- * High School Graduation
- * Poverty