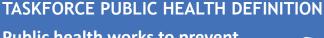
TRANSPORTATION SYSTEMS IMPACT PUBLIC HEALTH A Public Health and Transportation Factsheet

CDOT envisions a transportation system that enhances the quality of life for all Coloradans. CDOT understands that public health is a key component of quality of life and the integration of public health concepts into transportation planning is something the Department can not do alone. Therefore, CDOT has partnered with public health and multimodal organizations to create a Public Health, Equity and Transportation Taskforce. This factsheet is one of the results of the Taskforce's efforts.

TASKFORCE VISION STATEMENT

Transportation systems impact public health, therefore, CDOT commits to consider statewide transportation policies and strategies that maximize the health and safety of all people.



Public health works to prevent disease, protect, and prolong life through organized efforts and informed choices by all people in the communities where they live, learn, work, and play.



SOCIAL DETERMINANTS OF HEALTH

Outside of health care and genetics, the largest determinants of health are factors such as behavior, social and economic factors, and the physical environment which account for 80% of health impacts. Below are selected national and Colorado social determinants of health that have a strong link to transportation.

IMPACT Air Quality Obesity Injury Vehicle emissions One of many contributing There are over **35,000** factors of obesity is the time contribute a large portion annual traffic fatalities.4 an individual spends sitting in of air pollutants. These resulting in medical and **NATIONAL** a car, in addition to physical pollutants are linked to productivity costs for inactivity and access to active respiratory illness, cancer, individuals, states, and transportation like walking and and heart disease.2 biking.3 our nation.5 While Colorado has the In 2015, there were Ozone concentrations in Denver lowest adult obesity rate Metro and North Front Range **120,723 crashes** on areas have exceeded federal in the nation, the 2015 Colorado roadways, **COLORADO** standards, especially during combined overweight and resulting in the death of the summer; putting many obesity rate of 5-14 year olds 547 Coloradans.8 Coloradans at risk for asthma and was over 1 in 4, or $27.6\%^7$ other respiratory conditions.

- 1 https://www.rwjf.org/content/dam/farm/reports/issue_briefs/2012/rwjf402311 https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions
- 2 https://www.colorado.gov/airquality/tech_doc_repository.aspx?action=open&-file=2015AnnualDataReport.pdf
- 3 http://nationalequityatlas.org/indicators
- 3 https://www.rwjf.org/content/dam/farm/reports/issue_briefs/2012/rwjf402311
- 4 https://crashstats.nhtsa.dot.gov/Api/Public/Publication/812453
- 5 https://www.cdc.gov/vitalsigns/crash-injuries/index.html
- 6 https://www.colorado.gov/airquality/tech_doc_repository.aspx?action=open&file=2015Annual-DataReport.pdf
- 7 https://www.colorado.gov/pacific/sites/default/files/DC_CD_fact-sheet_Childhood-Obesity.pdf 8. https://www.codot.gov/library/traffic/safety-crash-data/crash-data/crashes-by-coun-

















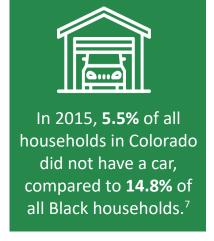


TRANSPORTATION PROFESSIONALS ARE PUBLIC HEALTH PROFESSIONALS

TRANSPORTATION ACCESS IS AN EQUITY ISSUE



EQUITY is when everyone, regardless of who they are or where they come from, has the opportunity to thrive. This requires eliminating barriers like poverty and repairing injustices in systems such as education, health, criminal justice, and transportation.⁶







TRANSPORTATION AND PUBLIC HEALTH INTEGRATION

Transportation systems impact public health. Therefore, CDOT with our Taskforce partners commit to develop statewide policies and strategies in ways that maximizes the health and safety for all Coloradans. Better planning and policy decisions made through an equity lens can help develop a healthier Colorado and improve quality of life.



6 <u>Colorado Department of Public Health and Environment (CDPHE), Office of Health Equity</u>

7 http://nationalequityatlas.org/indicators

 $\underline{8\ https://www.apta.com/resources/reports and publications/Documents/AP-}$

TA-Who-Rides-Public-Transportation-2017.pdf

All icons sourced from www.thenounproject.com

















