2050 Metro Vision Regional Transportation Plan Overview

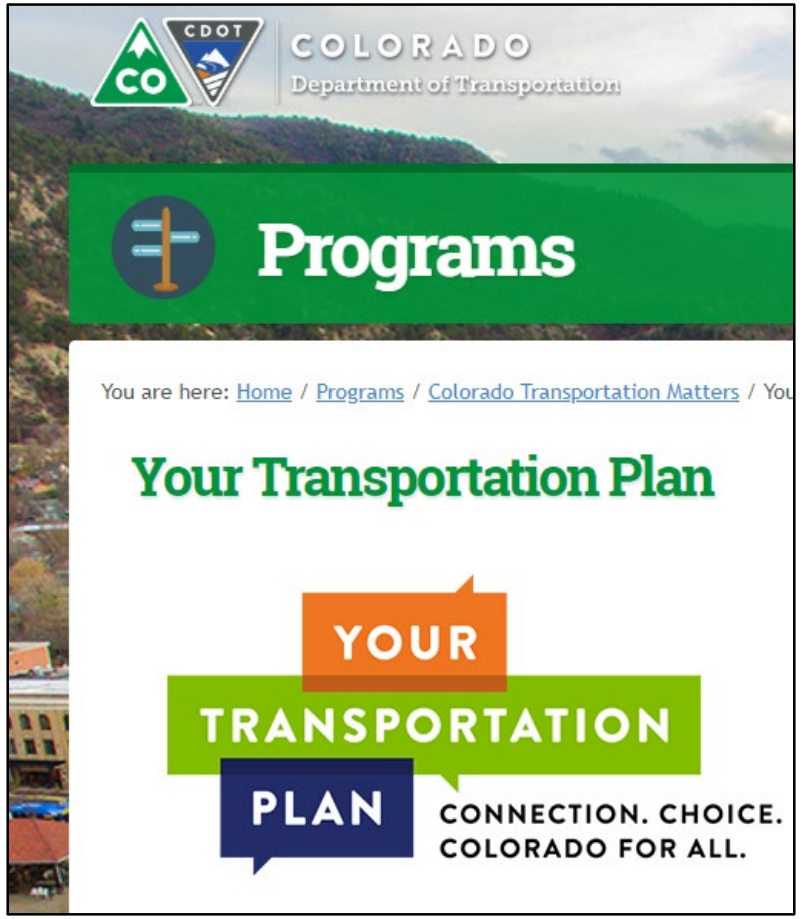
Adams County Transportation Forum
July 31, 2019

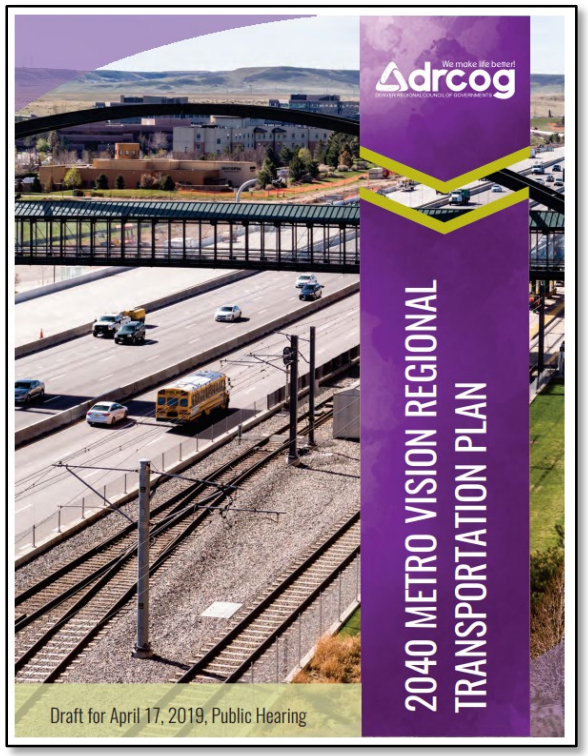
Presented by:
Jacob Riger, AICP

Joint Outreach this Summer

TRANSPORTATION TRANSFORMATION

SOUTHWEST CHIEF & FRONT RANGE
PASSENGER RAIL COMMISSION





drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

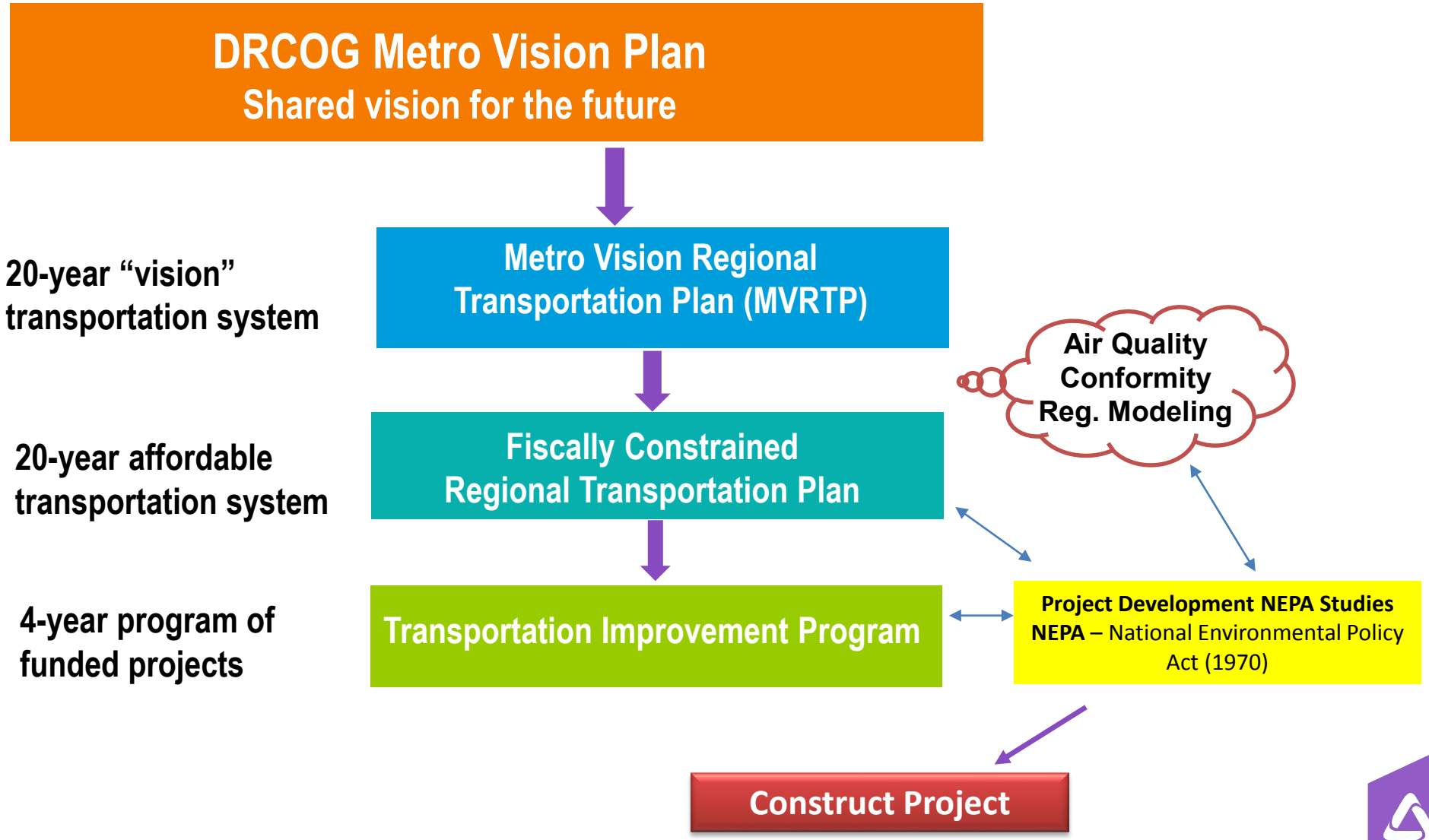
INTRODUCTION

DRCOG Overview

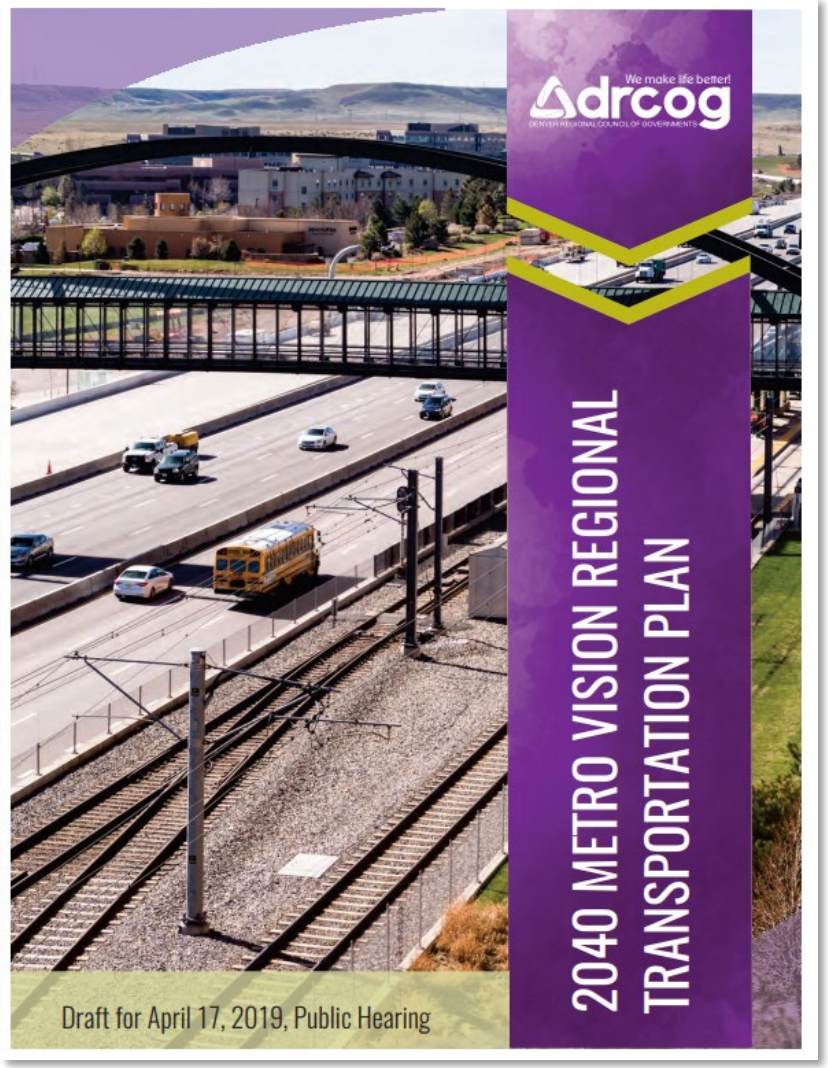
- Local governments collaborate to establish guidelines, set policy and allocate funding for:
  - Transportation and Mobility
  - Growth and Development
  - Aging and Disability Resources
- DRCOG is:
  - Council of Governments (9+ counties)
  - Regional Planning Commission
  - Metropolitan Planning Organization (transportation)
  - Area Agency on Aging

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

Metro Vision Plan and MVRTP Overview



Metro Vision Regional Transportation Plan (MVRTP) Overview



- Presents region's vision for multimodal transportation system
- Identifies "fiscally constrained" (cost feasible) system & project investments
- Identifies major roadway capacity & rapid transit projects
- Determines eligibility for major projects to compete for Transportation Improvement Program funding
- Addresses federal requirements – core MPO function
- Helps implement Metro Vision
- Is updated every four years and amended more frequently

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

MVRTP Planning Framework

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

ADAMS COUNTY DATA PROFILE SUMMARY

DRCOG – a wealth of data and information

- Community profiles
- Census data
- Traffic counts
- Crash data
- Planimetric data
- Project tracking (TRIPS)
- Regional data catalog
- Denver Regional Visual Resources

- Metro Vision Regional Transportation Plan
- Active Transportation Plan
- Mobility Choice Blueprint
- Coordinated Transit Plan
- Multimodal Freight Plan
- Regional Vision Zero Plan

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

DRCOG Community Profile – Adams County

DRCOG Jurisdiction

Adams County

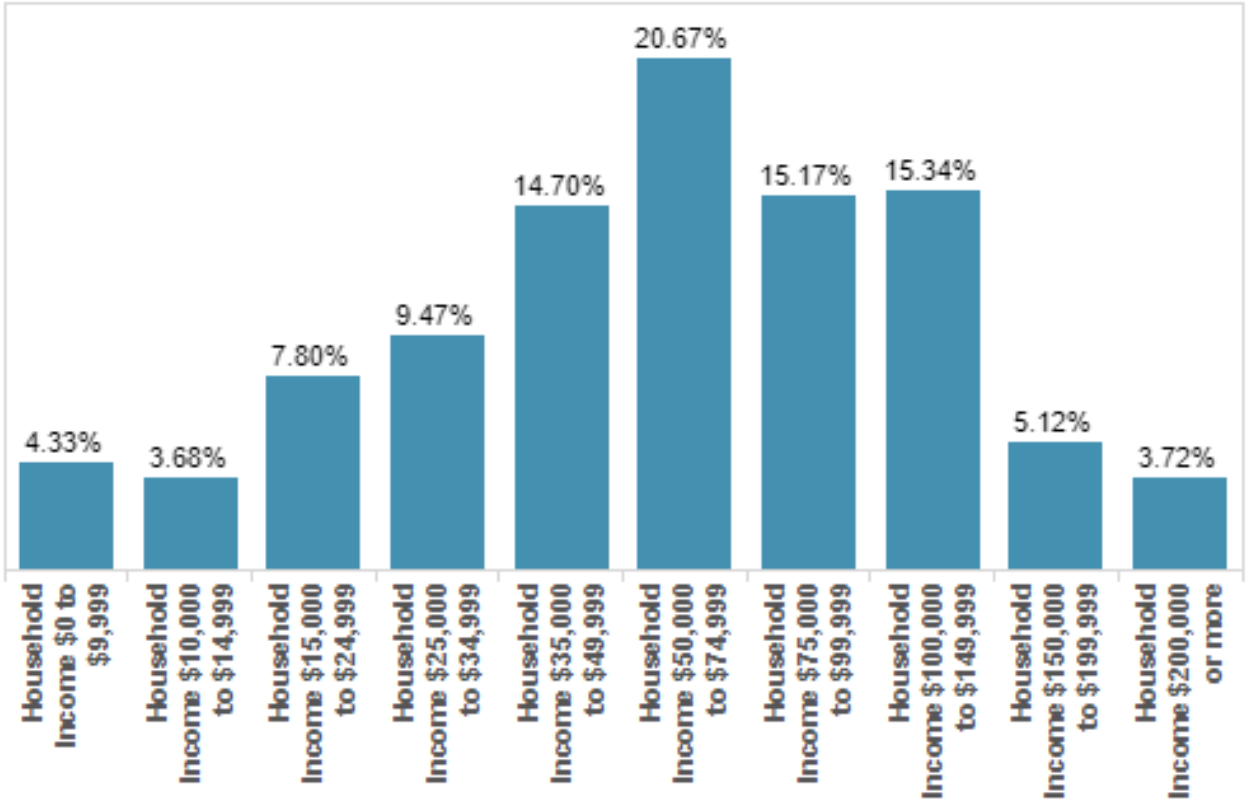
Demographics

DOLA Population	497,673
Households	158,748
Average Household Size	3
Median Age	33
Median Household Income ($)	61,444
High School Diploma or More (%)	82
Bachelor's Degree or More (%)	54
Single Occupancy Commuters (%)	78
Unemployment Rate (%)	6

Housing

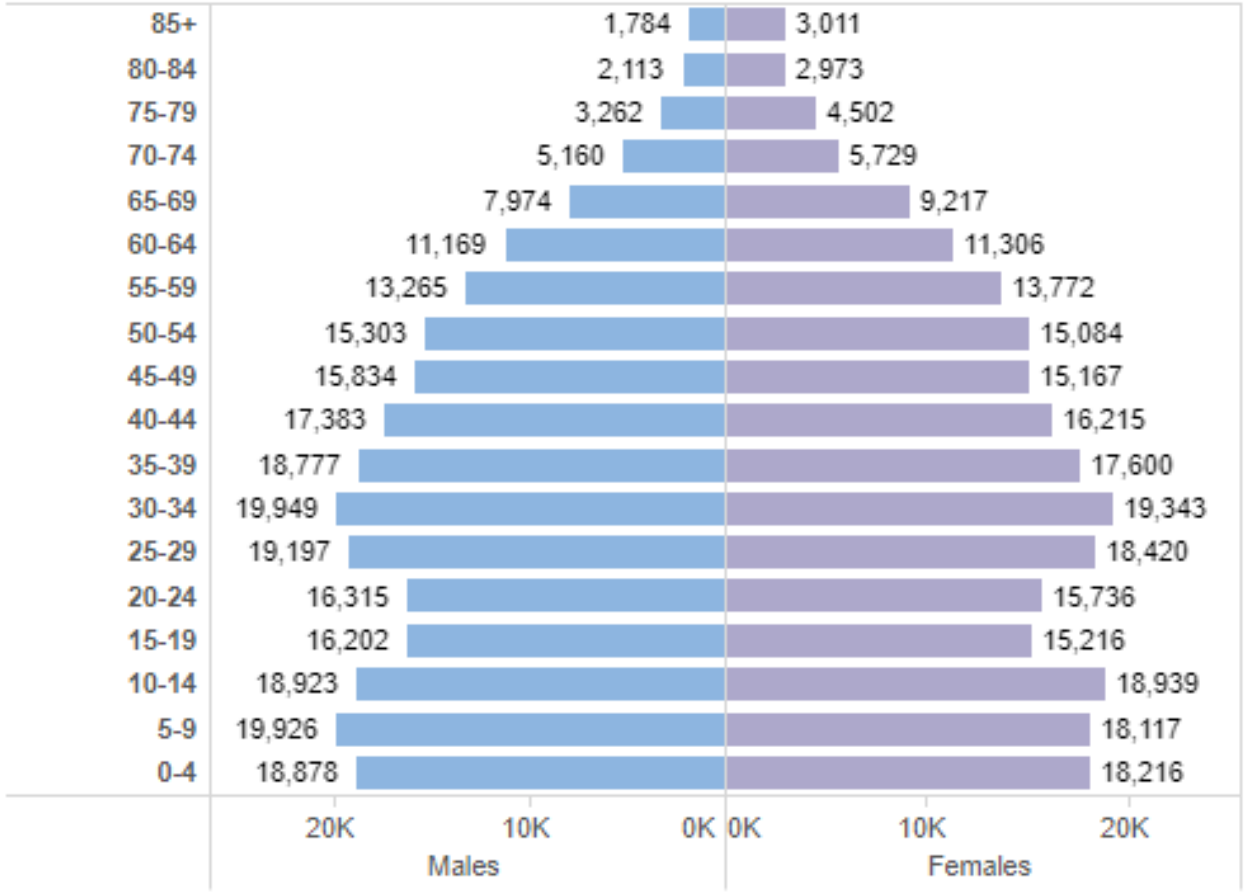
Housing Units	166,058
Occupied Housing	158,748
Owner Occupied Housing	102,279
Median Home Value ($)	216,700
Median Monthly Owner Costs ($)	1,325
Renter Occupied Housing	56,469
Median Monthly Renter Costs ($)	1,098
Multifamily Housing	39,464
Vacant Housing	7,310

Income (Percent of total; income is in 2016 dollars)



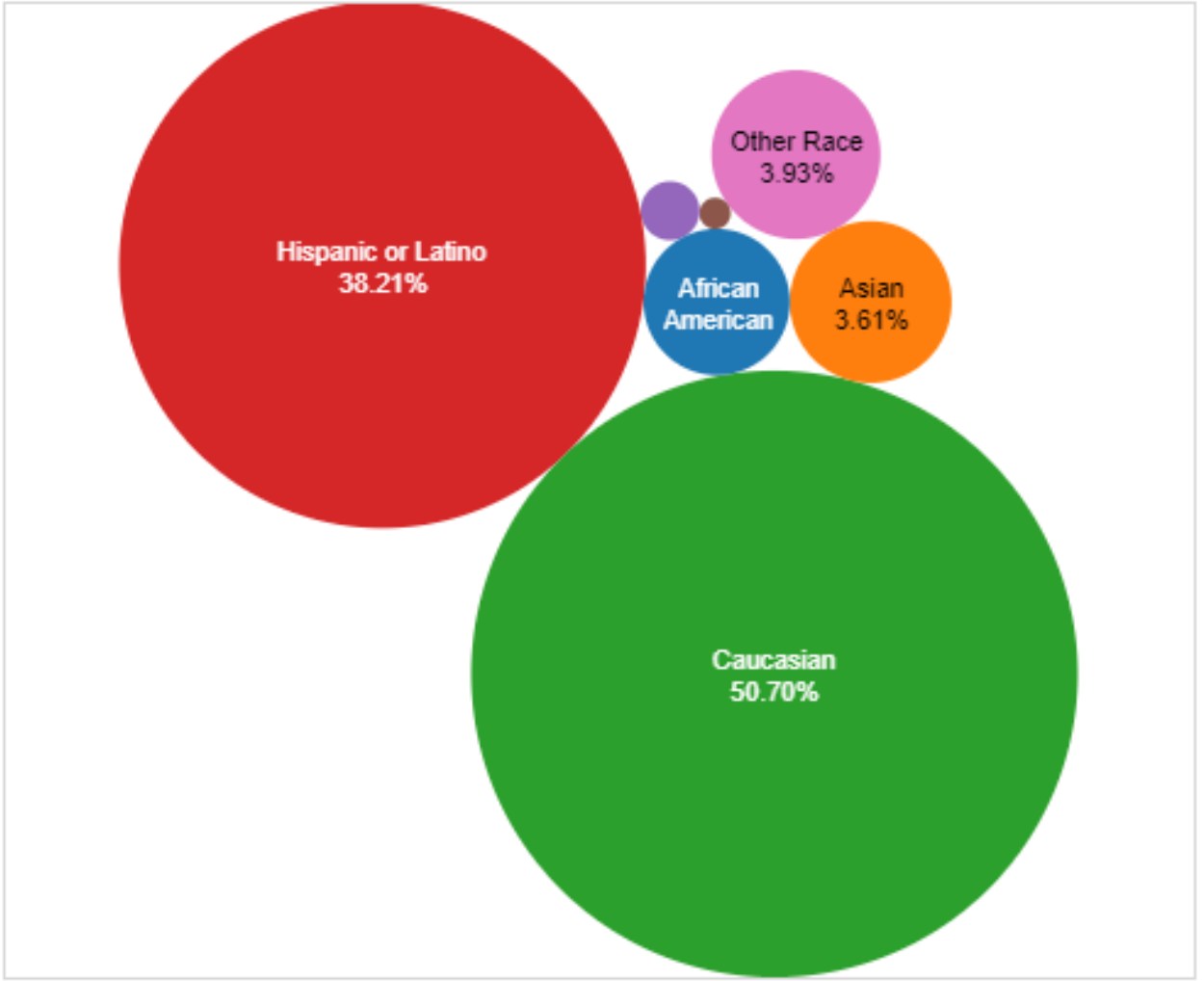
DRCOG Community Profile – Adams County

Population Pyramid (Count by age group)

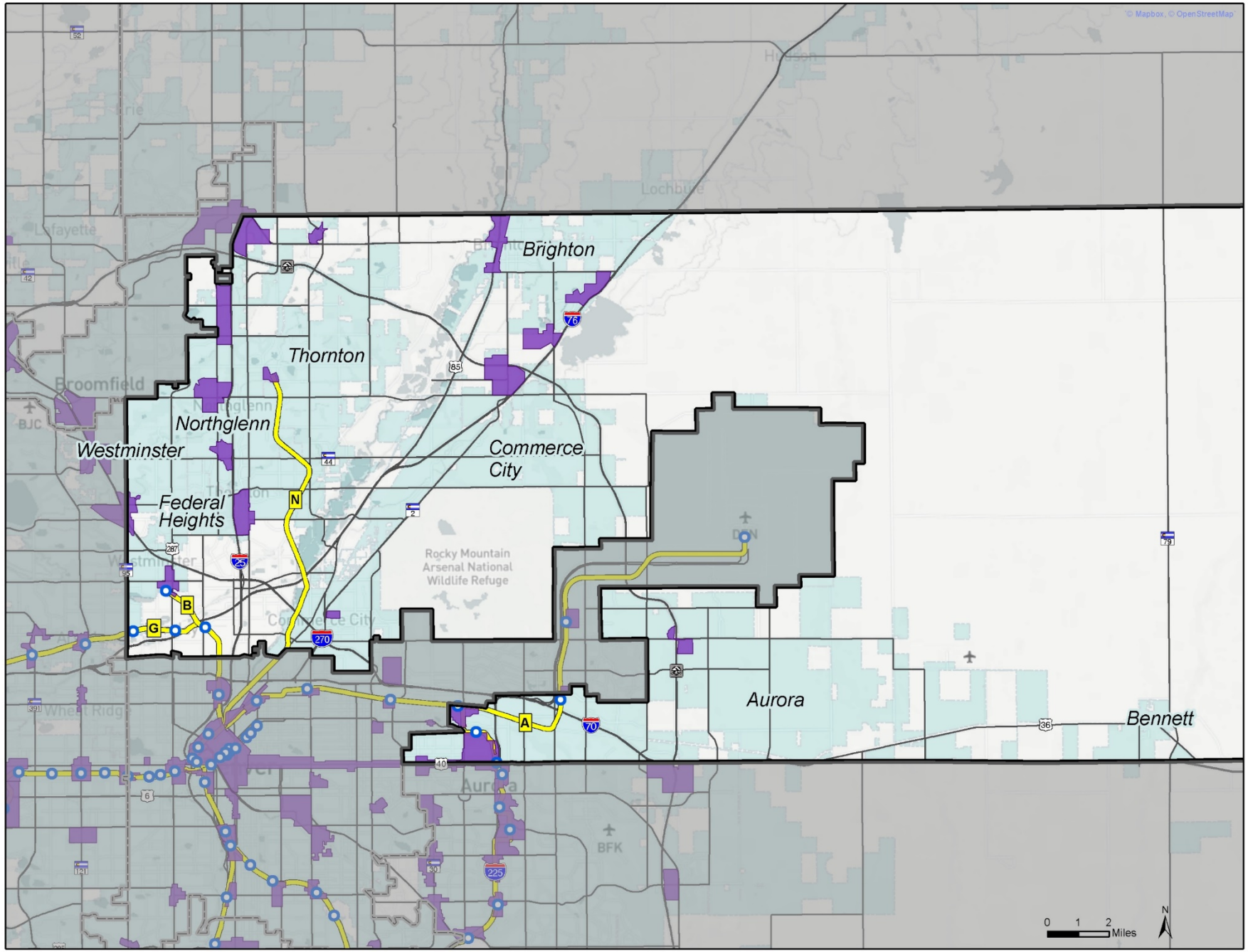


Source: "Population Data 2016" *Colorado Department of Local Affairs.* https://www.colorado.gov/pacific/dola/population-data, "American Communities Survey 5-Year 2016." *US Census Bureau.* http://factfinder.census.gov.

Race/Ethnicity (Percent of total)



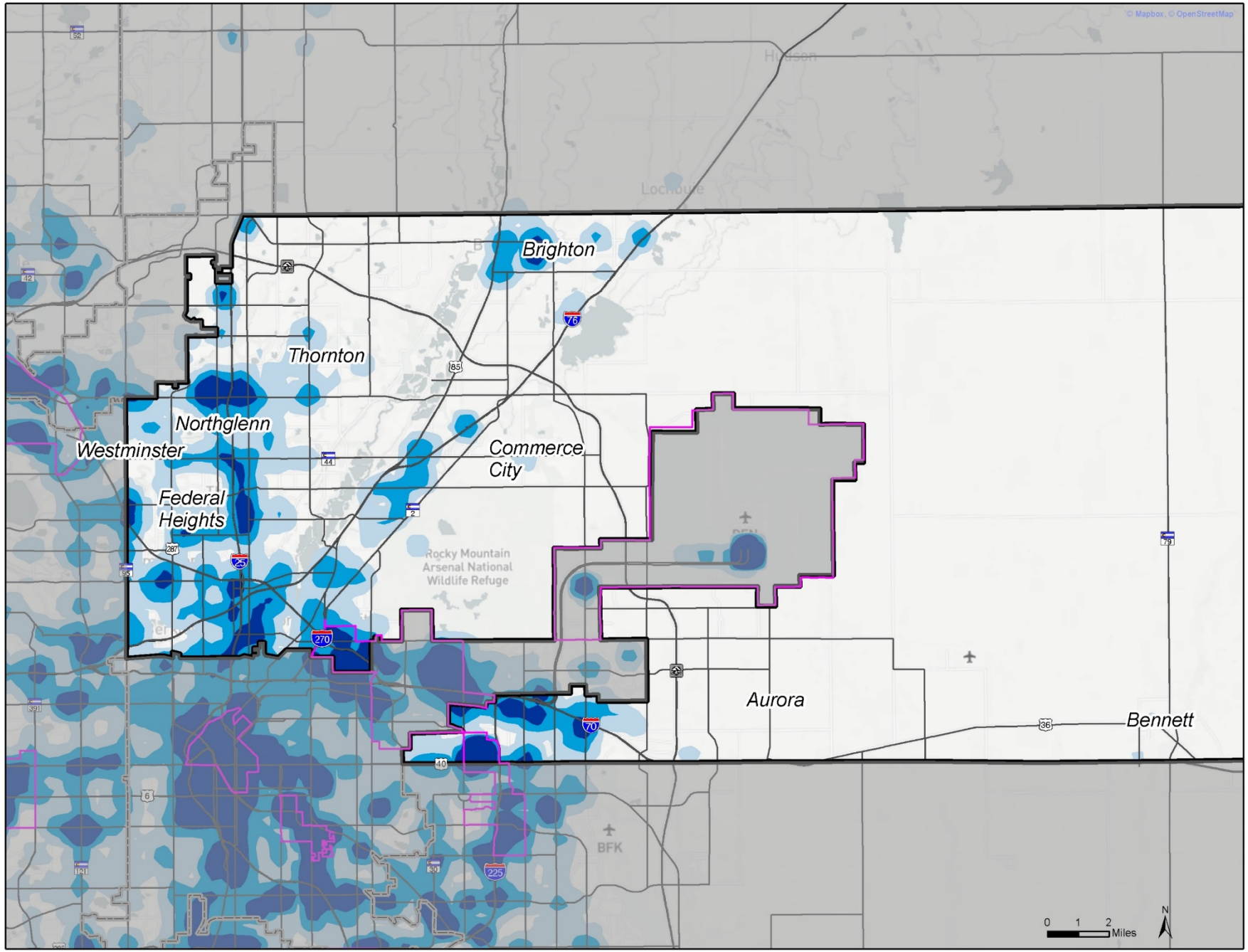
Urban Centers & Major Transportation Network



Adams County Boundary
Municipality Boundaries
2019 Urban Centers
Road Network
RTD Stations
RTD Rail

Source: DRCOG, ESRI, CDOT, RTD, Local Municipalities, Mapbox

Employment Density



Adams County Boundary

LEHD Employment Centers

Road Network

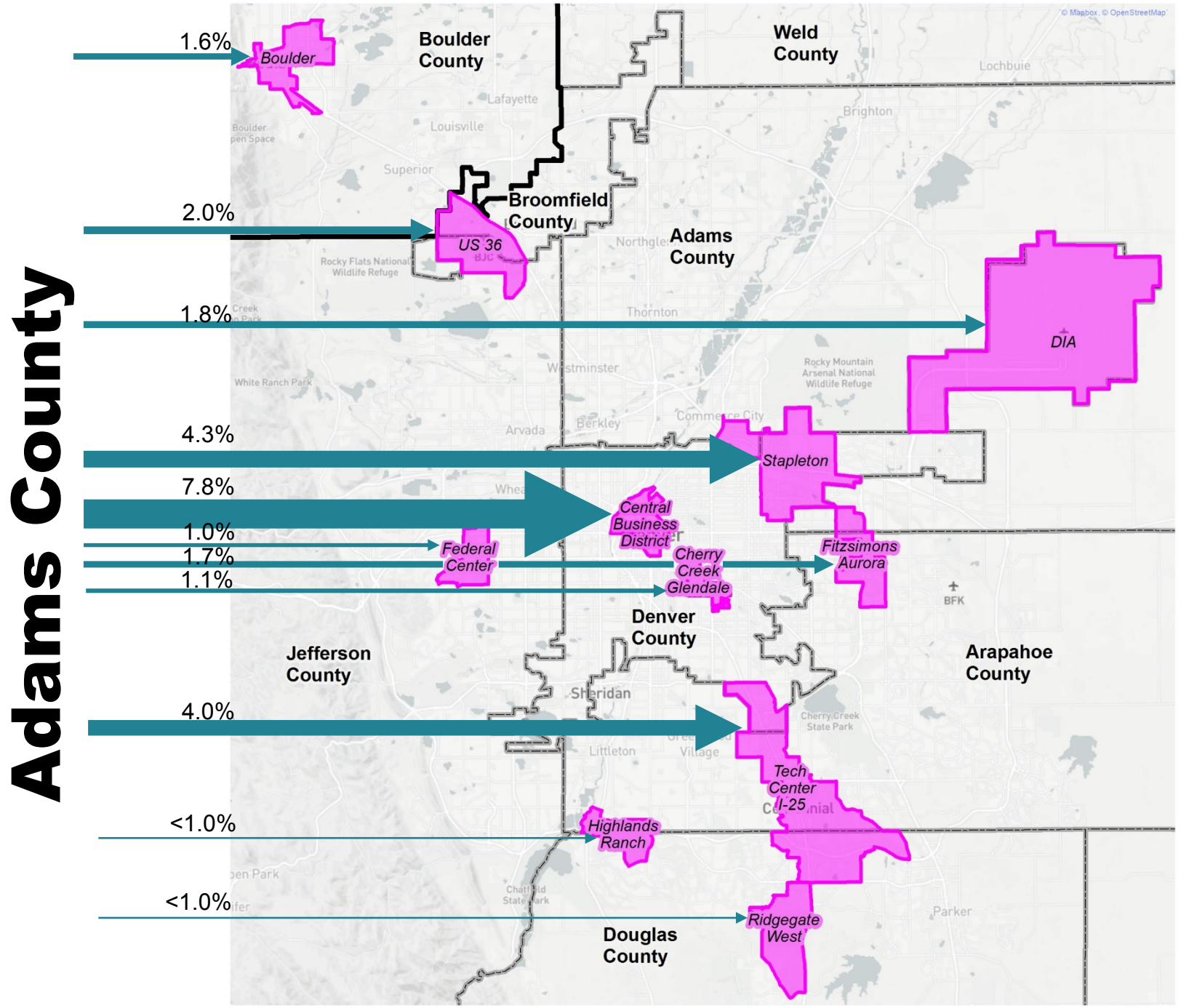
1.00-2.50 Jobs/Acre

2.51-6.00 Jobs/Acre

Greater than 6.00 Jobs/Acre

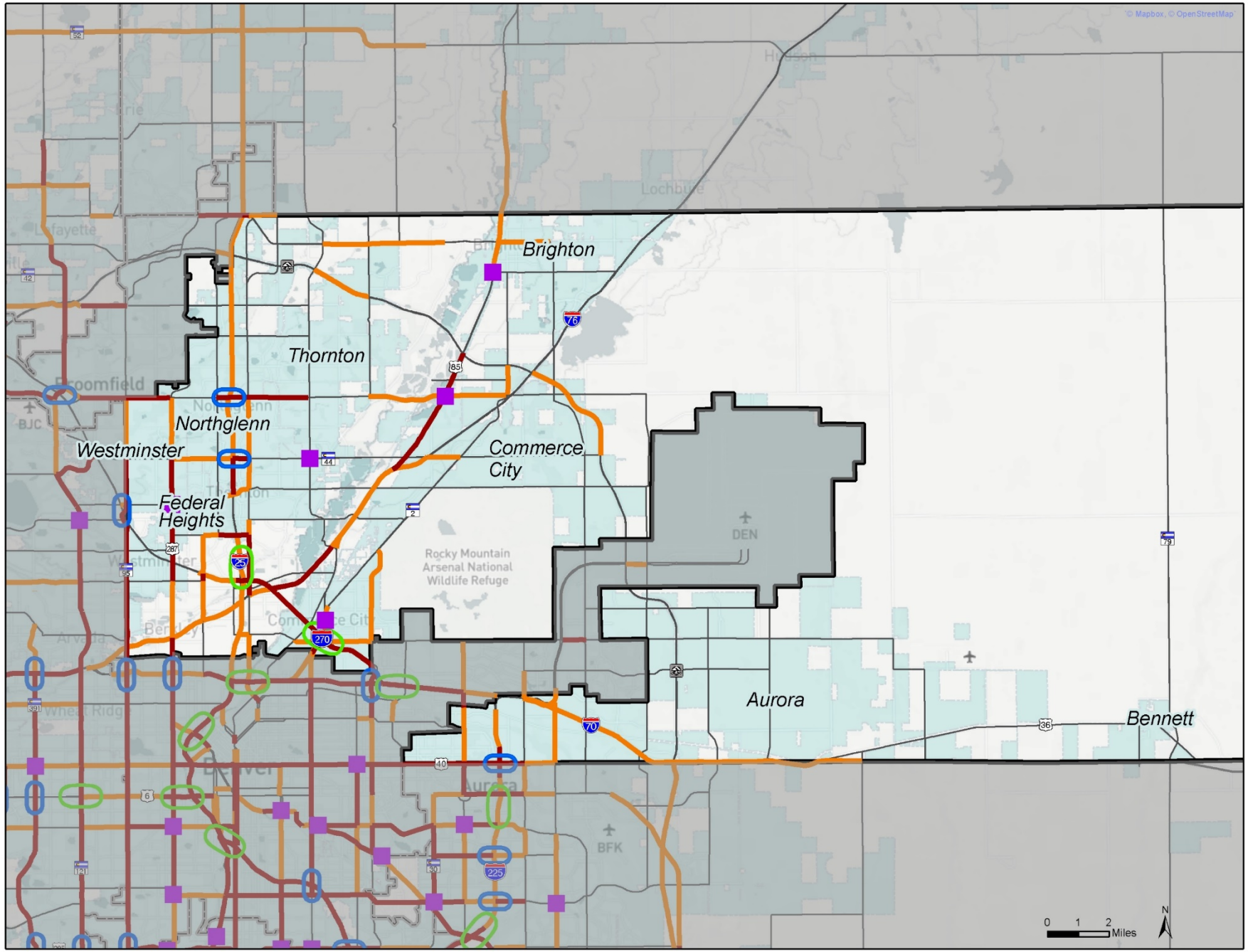
Source: DRCOG, ESRI, CDOT, 2017 Colorado Department of Labor and Employment's Quarterly Census of Employment and Wages, LEHD Employment Centers, Mapbox

Travel to Regional Employment Centers



Source: DRCOG, ESRI, CDOT, LEHD Employment Centers, Mapbox

DRCOG Congestion Management Data

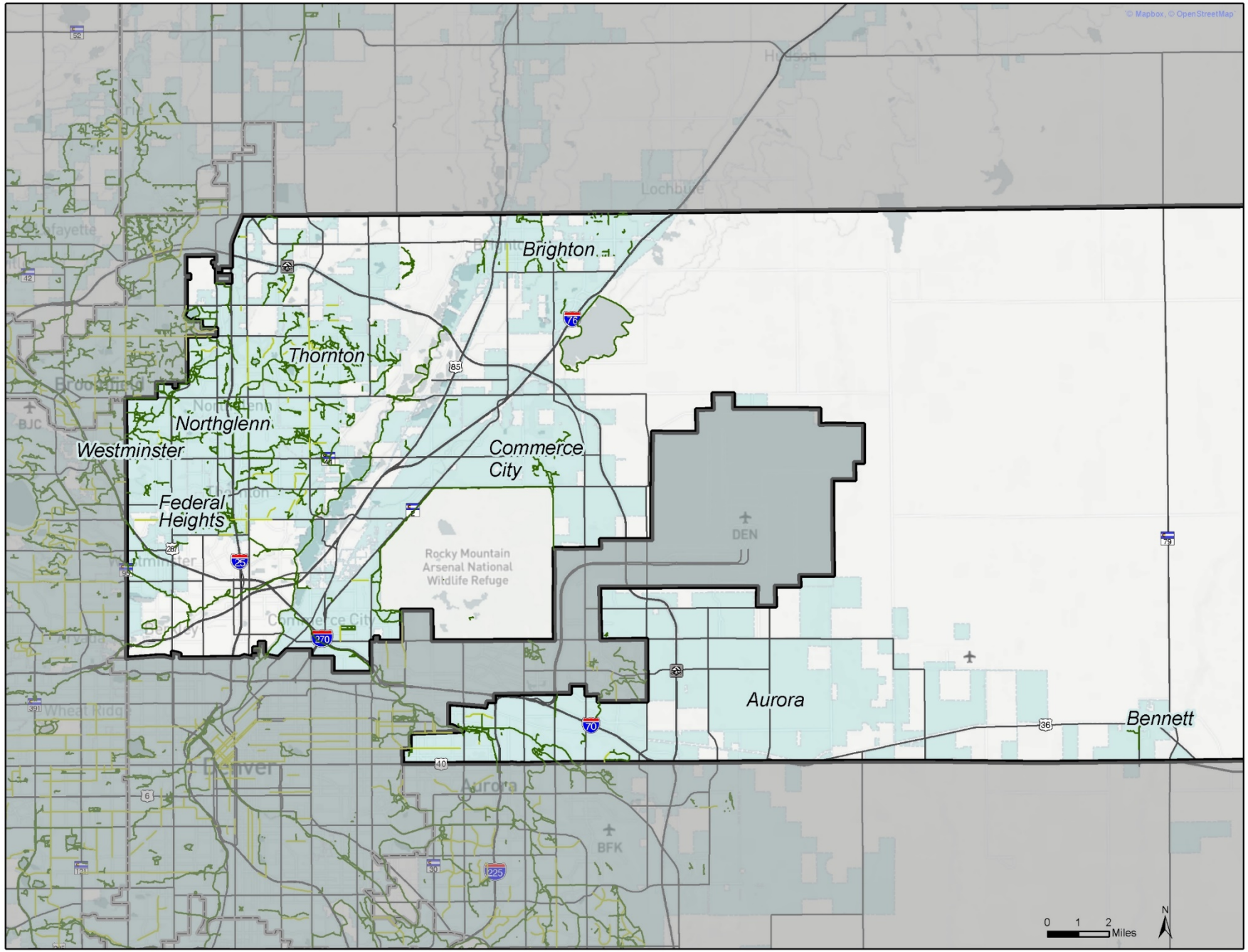


2017 Congested Points

- Adams County Boundary
- Municipality Boundaries
- Road Network
- Arterial/Arterial Intersections
- Arterial/Freeway Ramp Intersections
- Freeway Bottleneck Points
- Corridor Congested in 2017
- Additional Corridors Congested by 2040

Source: DRCOG, ESRI, CDOT, Mapbox

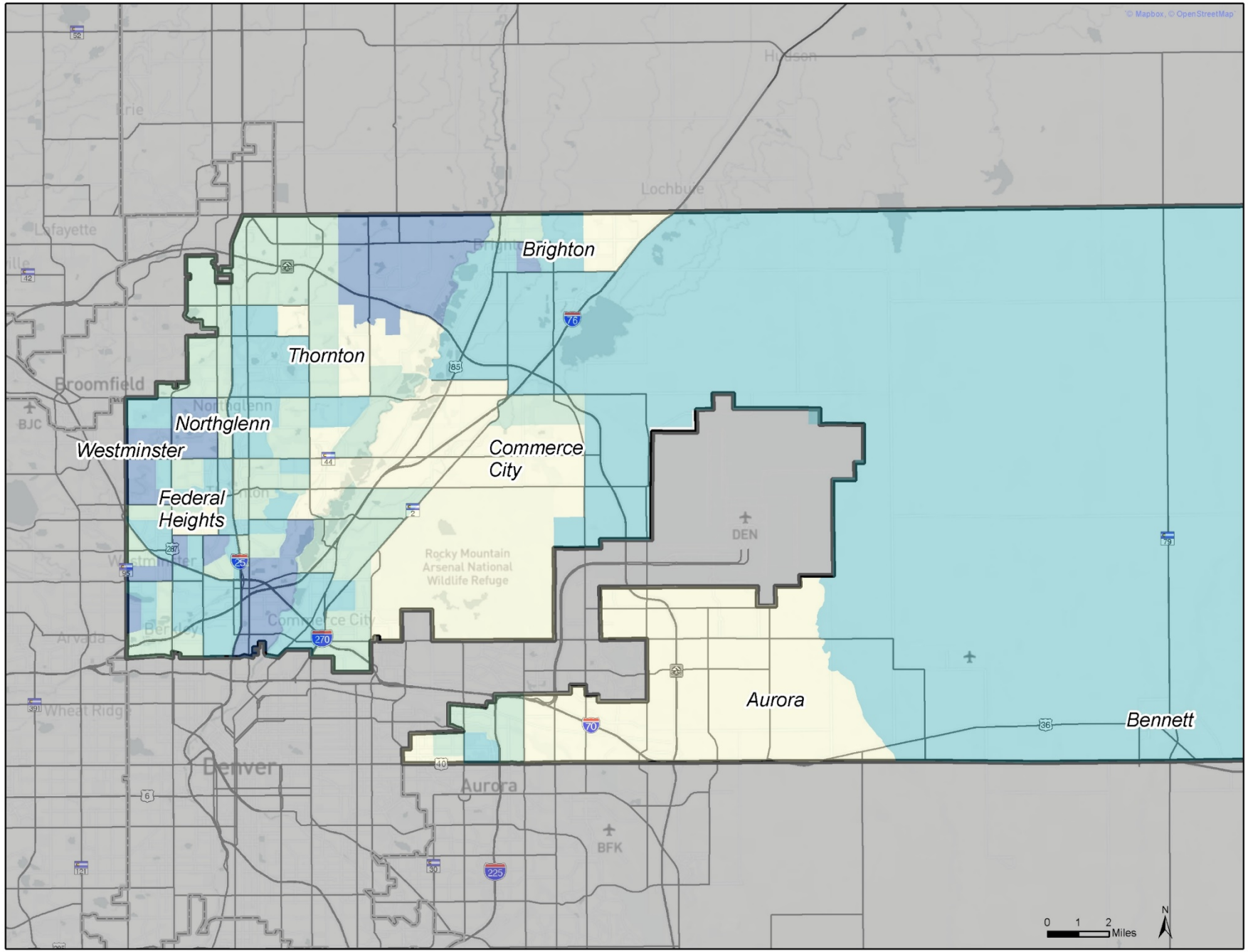
Regional Bicycle Facility Network



Adams County Boundary
Municipality Boundaries
Road Network
Bicycle Facilities On-Street
Bicycle Facilities Off-Street

Source: DRCOG, ESRI, Mapbox

Older Adult Population Distribution



Adams County Boundary

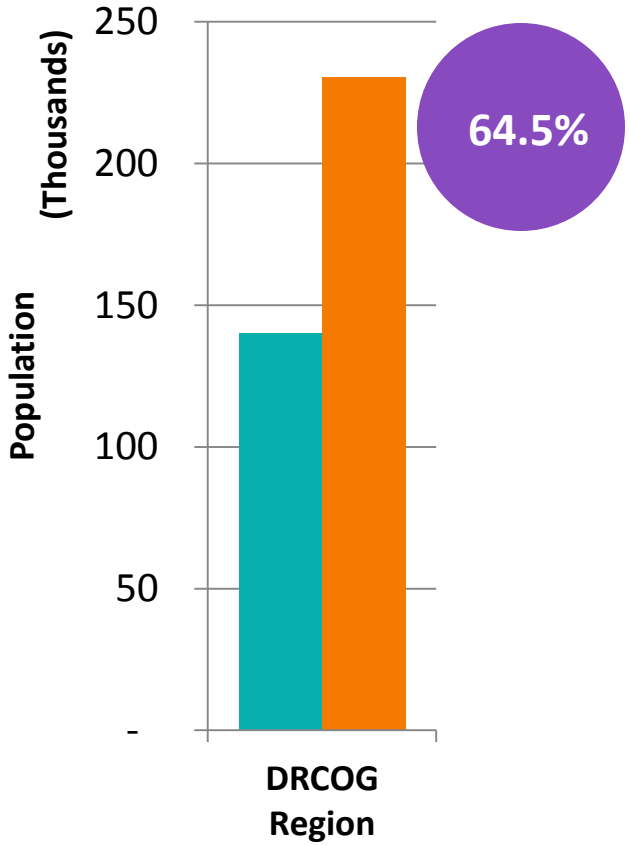
Road Network

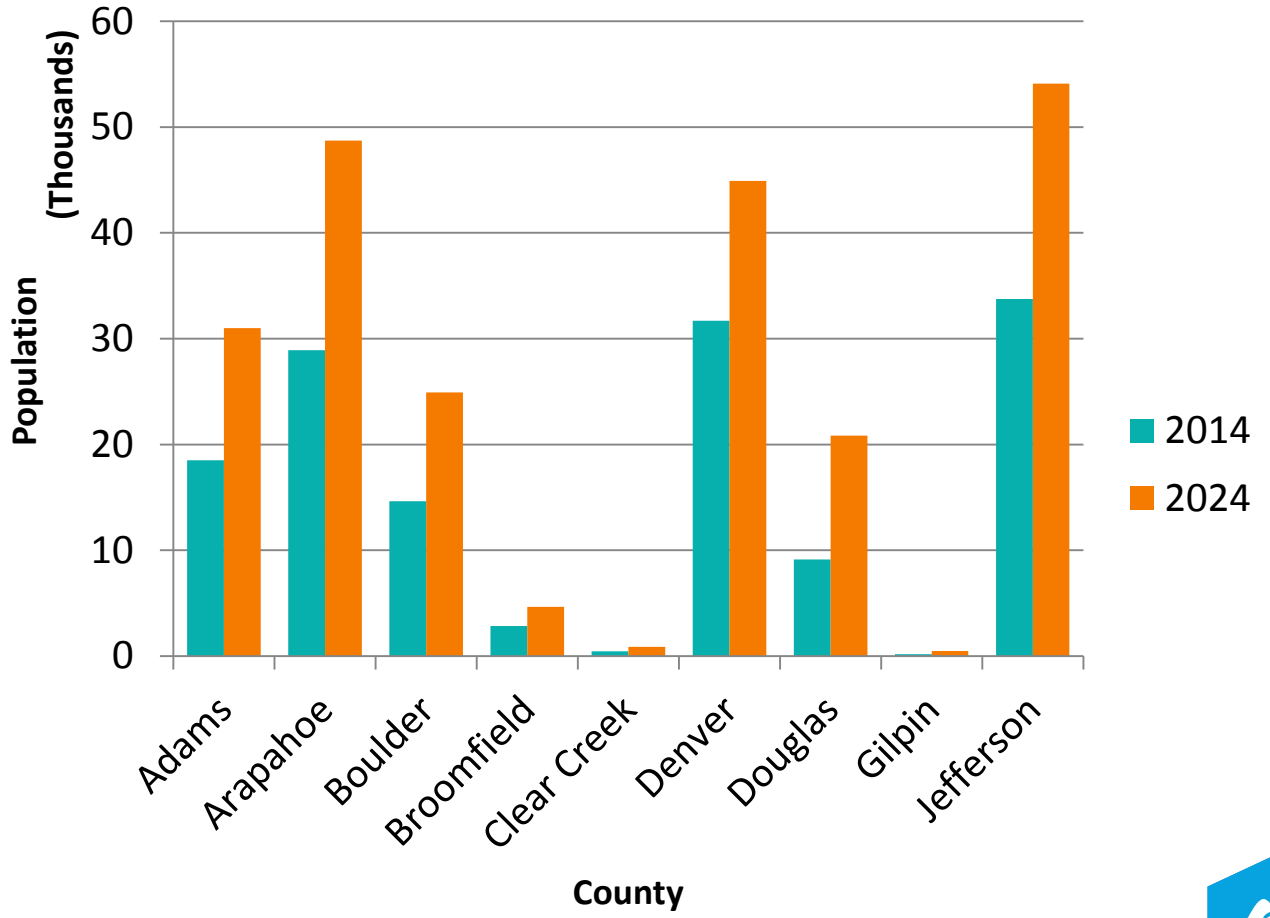
Percent of the Population 60 and Older

- Less than 10%
- 11-15%
- 16-20%
- 21-34%

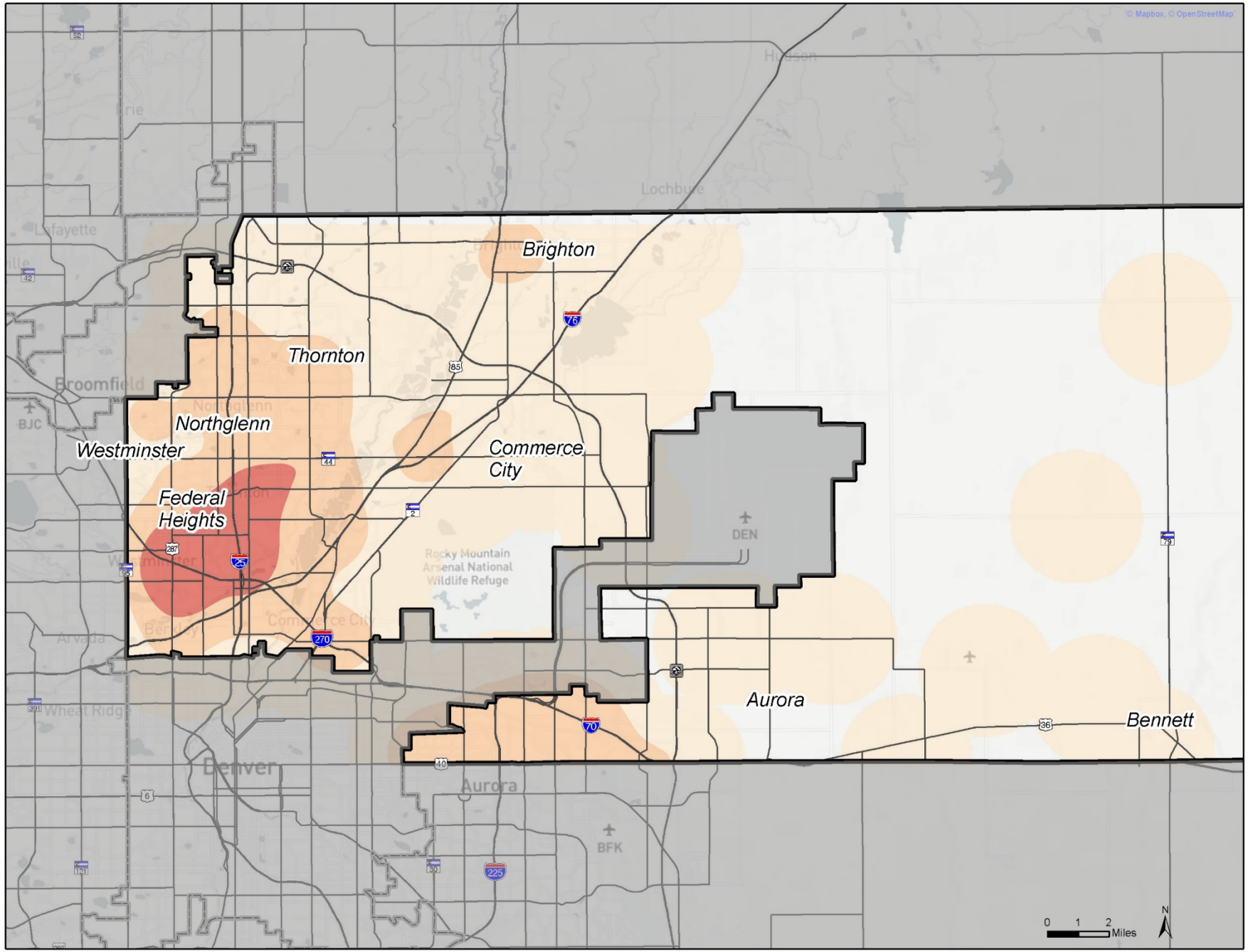
Source: DRCOG, ESRI, 2013-2017 ACS, Mapbox

The Denver region's 75-plus population (2014-2024)





Crash Density – Fatality or Serious Injury



Adams County Boundary

Road Network

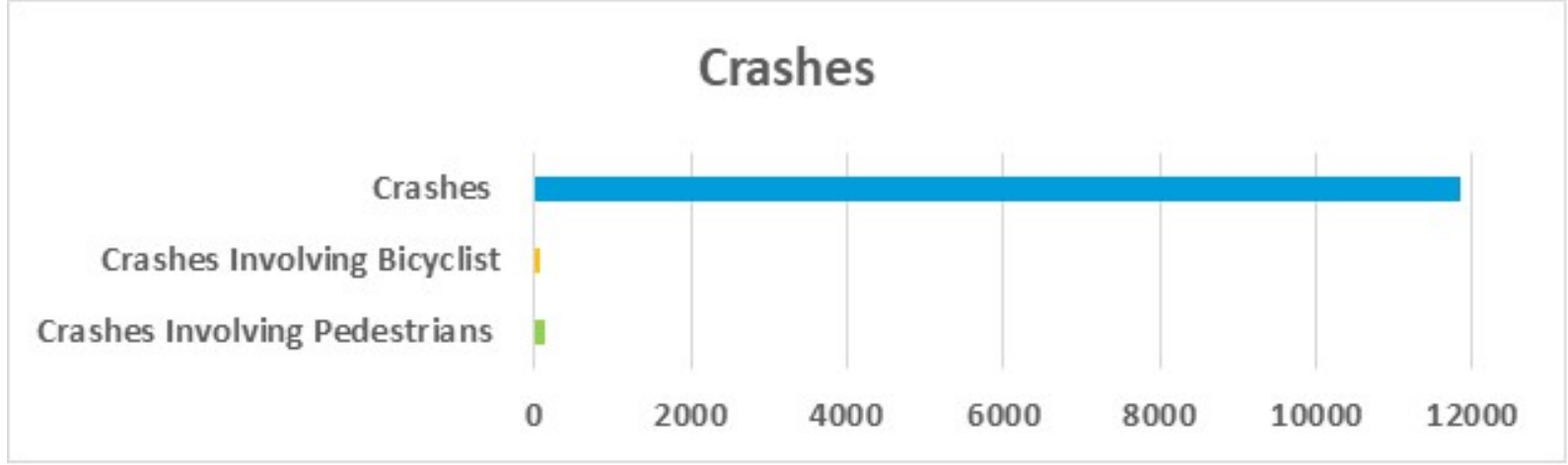
Density of Crashes with Serious Injury or Fatality

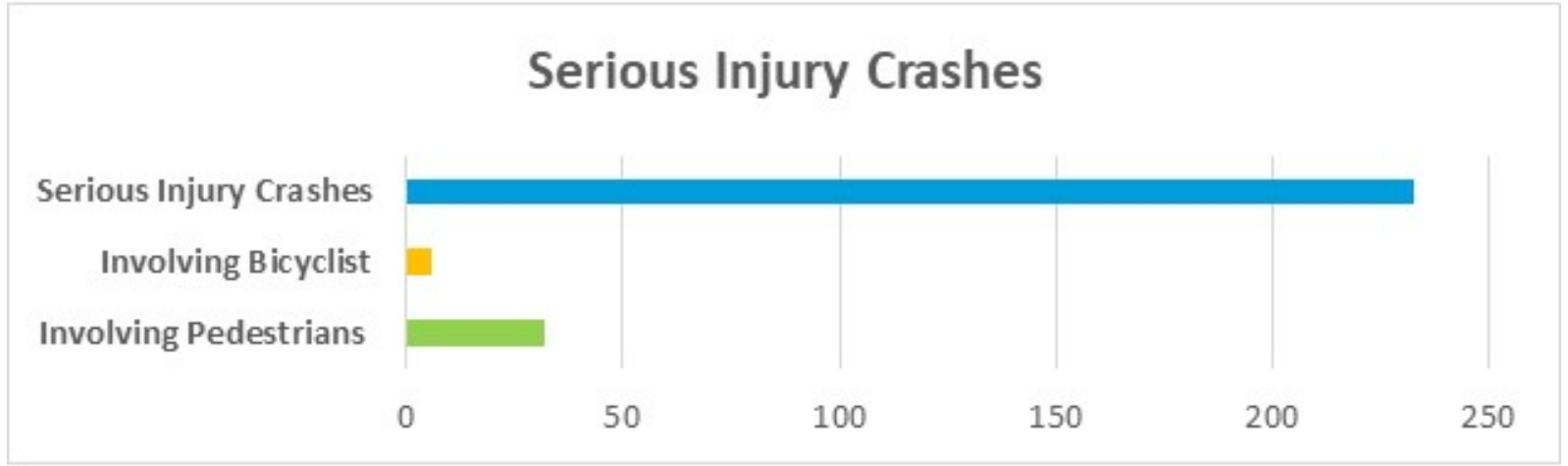
Low

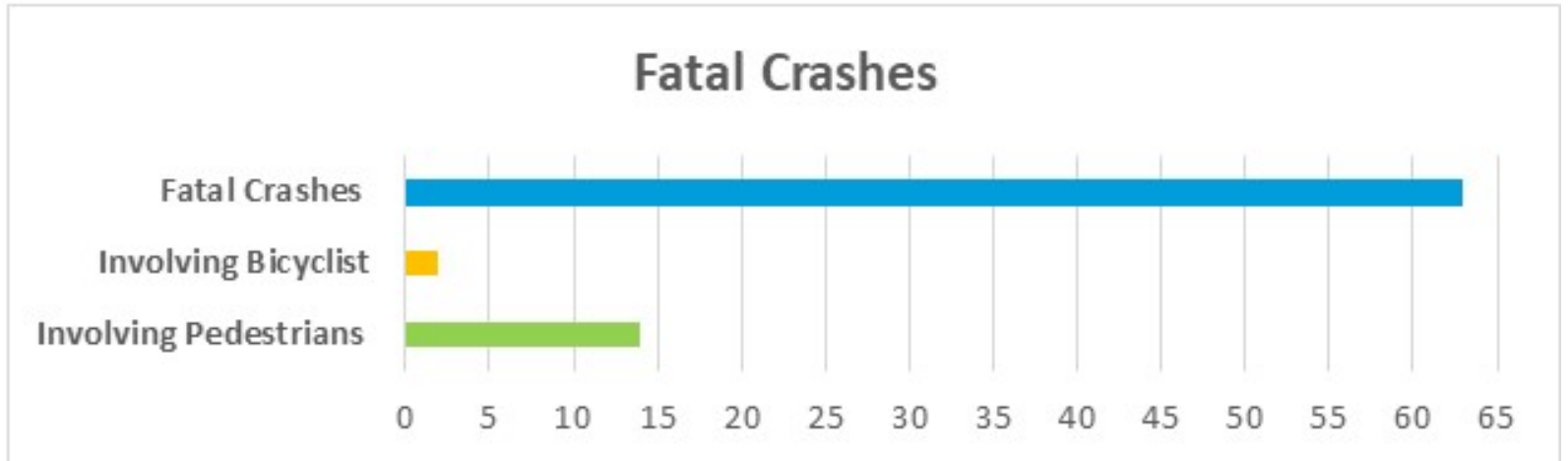
Medium

High

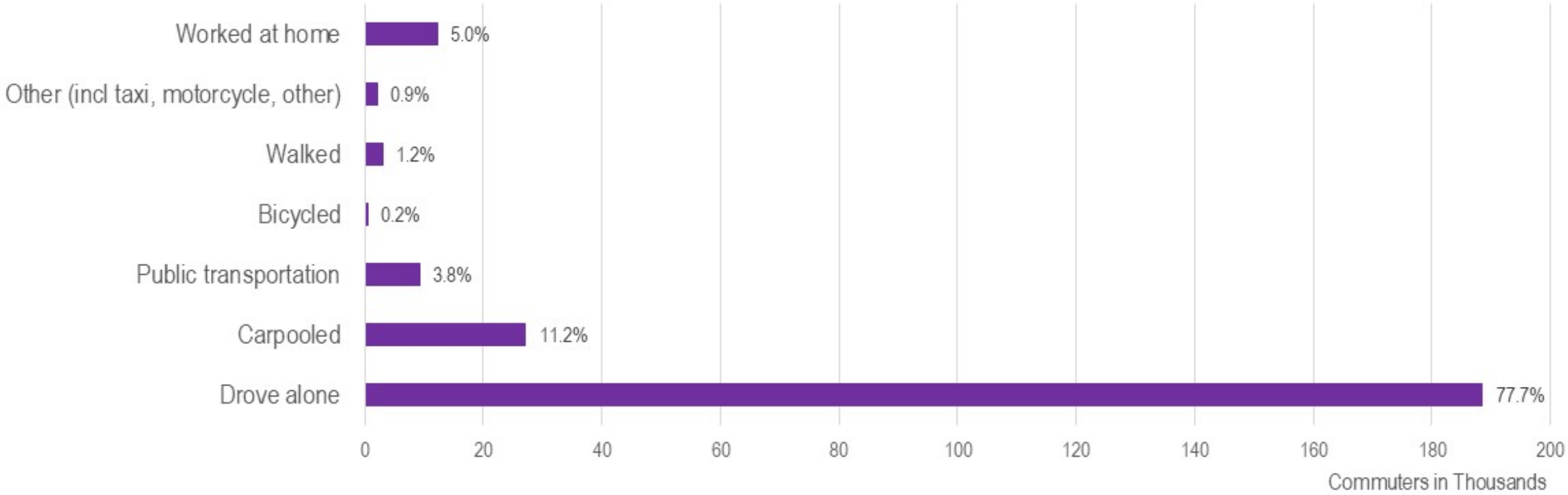
Source: DRCOG, ESRI, CDOT 2017 Crash Data, Mapbox


Crashes
Crashes
Crashes Involving Bicyclist
Crashes Involving Pedestrians
0
2000
4000
6000
8000
10000
12000


Serious Injury Crashes
Serious Injury Crashes
Involving Bicyclist
Involving Pedestrians
0
50
100
150
200
250


Fatal Crashes
Fatal Crashes
Involving Bicyclist
Involving Pedestrians
0
5
10
15
20
25
30
35
40
45
50
55
60
65

Adams County mode share to work



METRO VISION PERFORMANCE TARGETS

Purpose: assessing collective impact

Metro Vision measures:

1. help to **verify whether the shared actions** of planning partners, including local governments, **are moving the region toward desired outcomes**

2. are **not intended to judge the performance of individual jurisdictions or projects**

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

Metro Vision performance measure status

Ahead of schedule

- Residents living in locations affordable to the typical household
- Housing near high-frequency or rapid transit
- Employment near high-frequency or rapid transit
- Regional employment

On track

- Urban center housing
- Regional population-weighted density
- Travel time variation (TTV)

Behind schedule

- Urban center employment
- Non-single-occupant vehicle (SOV) travel
- Vehicle miles traveled (VMT)
- Person delay
- Traffic fatalities
- Surface transportation greenhouse gas (GHG) emissions
- Employment in high-risk hazard areas

No determination

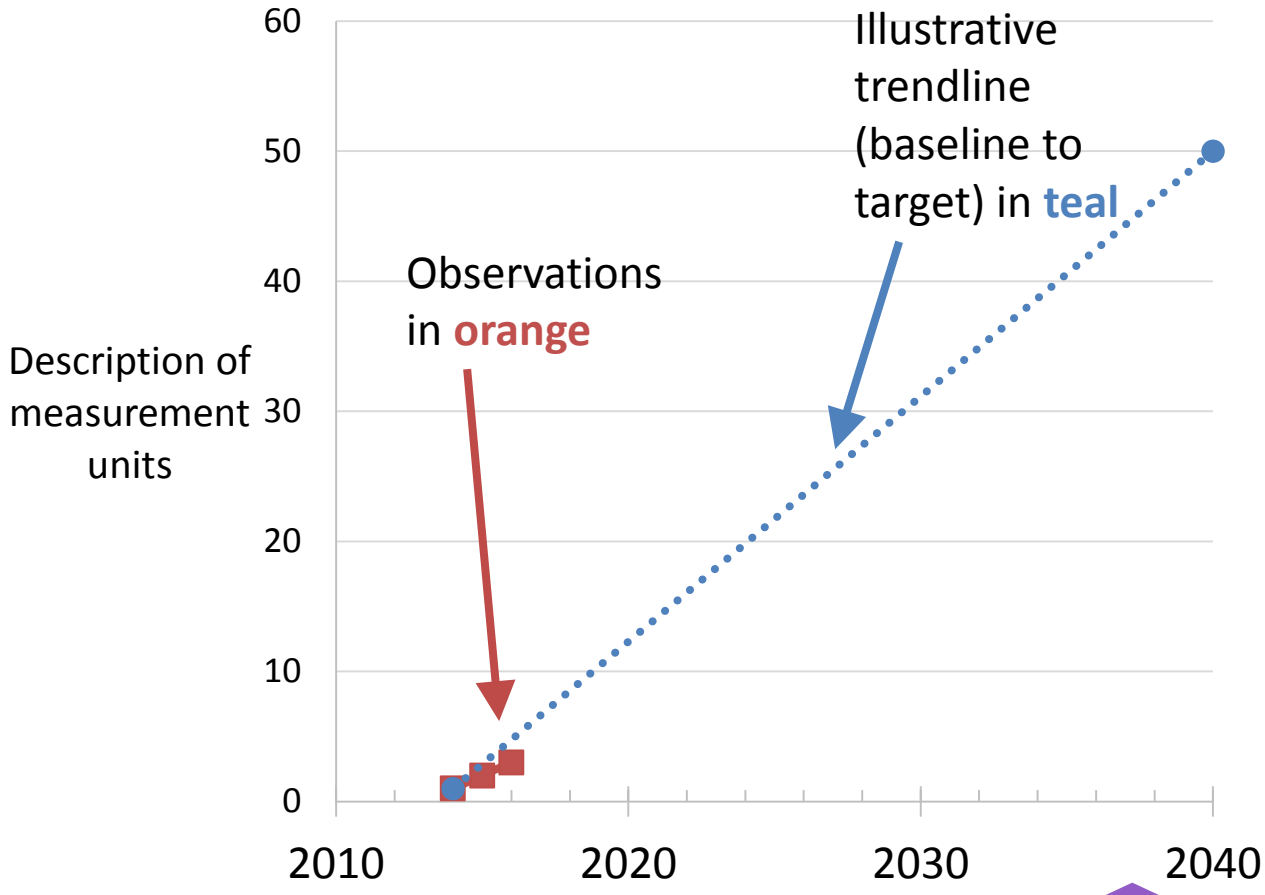
- Protected open space
- Housing in high-risk hazard areas

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

<<Guide to information provided>>

Measure status

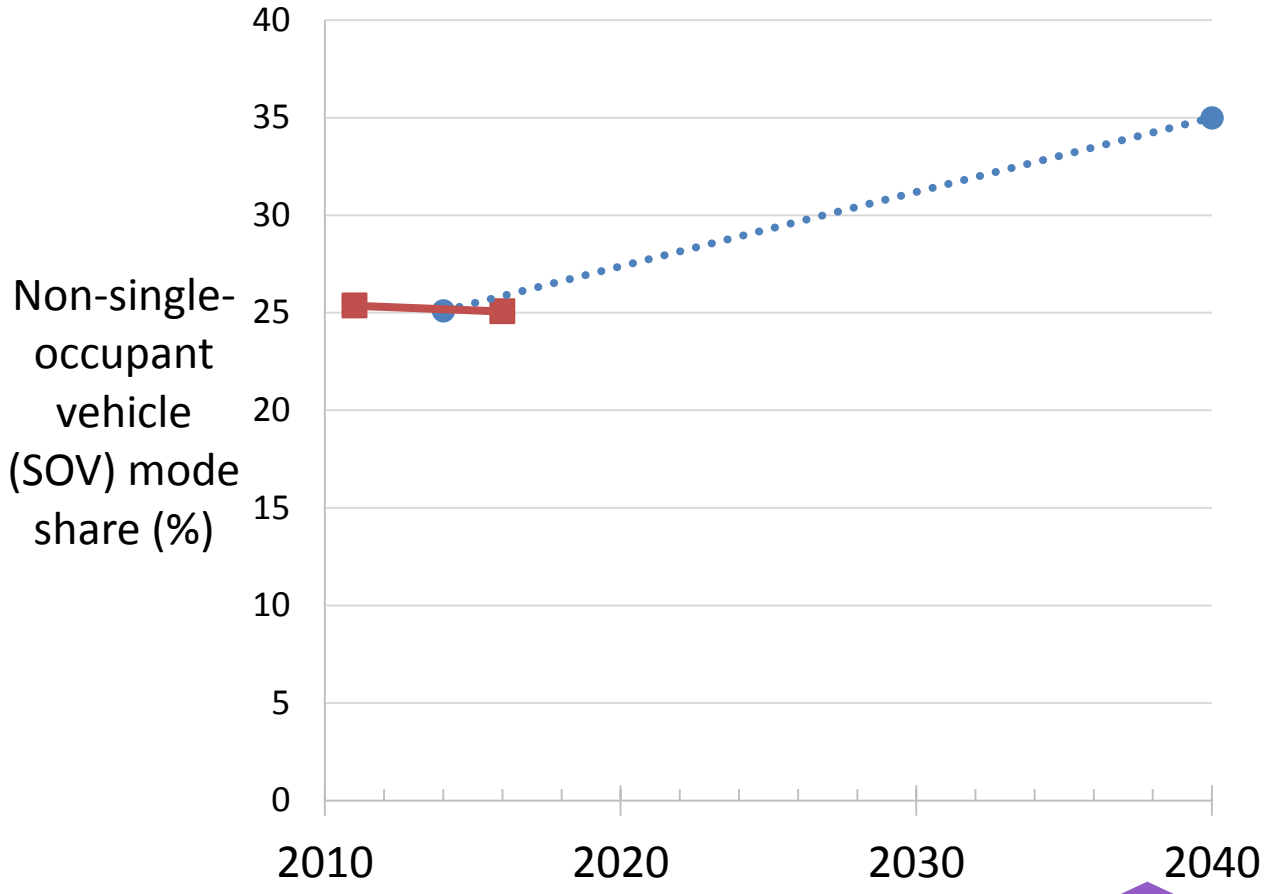
Year	Observation
Baseline	1
Year 2	2
Year 3	3
…	…
2040 Target	50



Non-single-occupant vehicle (SOV) travel

Behind schedule

Year	Observation
2014*	25.1%
2015*	24.8%
2016*	25.1%
…	…
2040 Target	35.0%



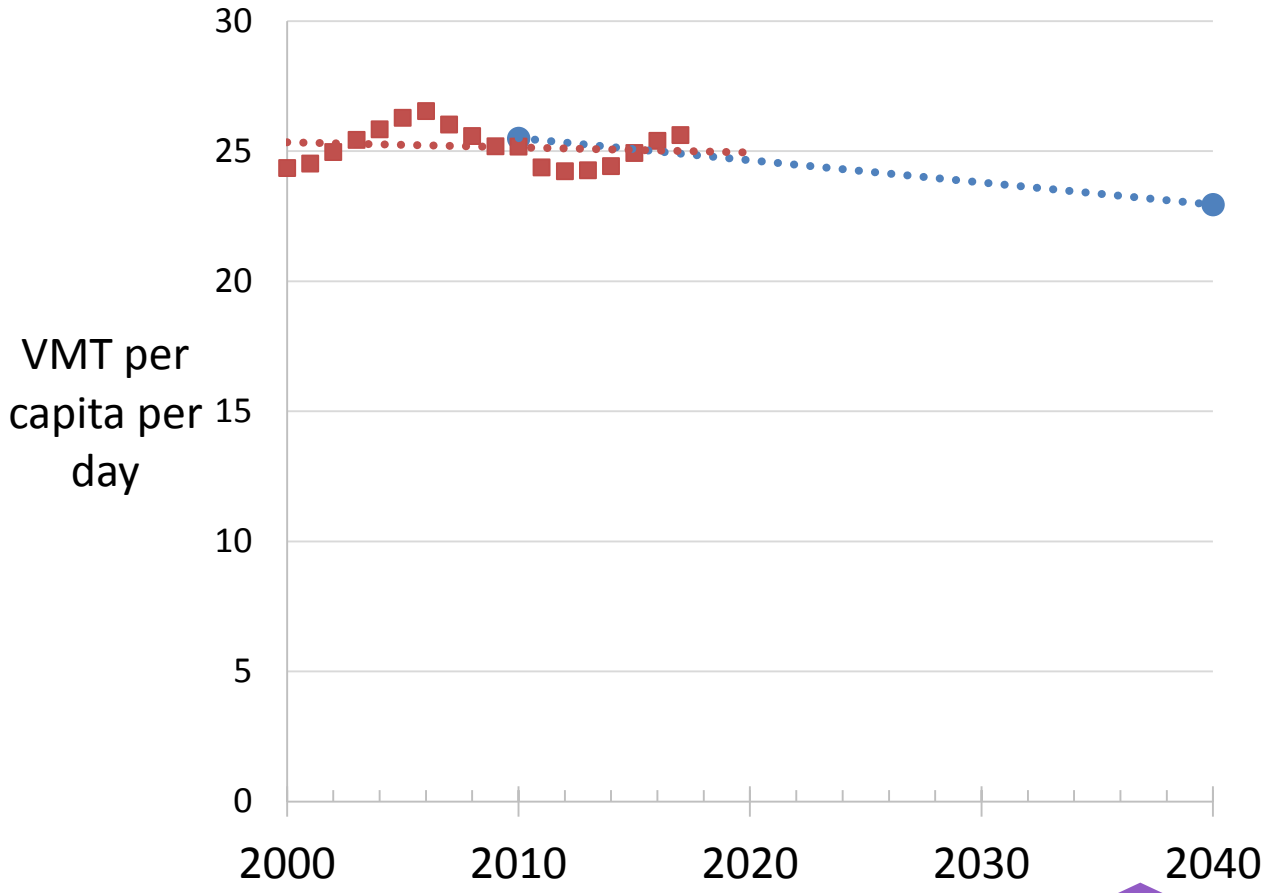
* - reflects five year window of survey data ending in year shown

Back to “Metro Vision performance measure status”

Vehicle miles traveled (VMT) per capita

Behind schedule

Year	Observation
2010	25.2
2011	24.4
2012	24.2
2013	24.3
2014	24.4
2015	24.9
2016	25.4
2017	25.6
2040 Target	10% decrease

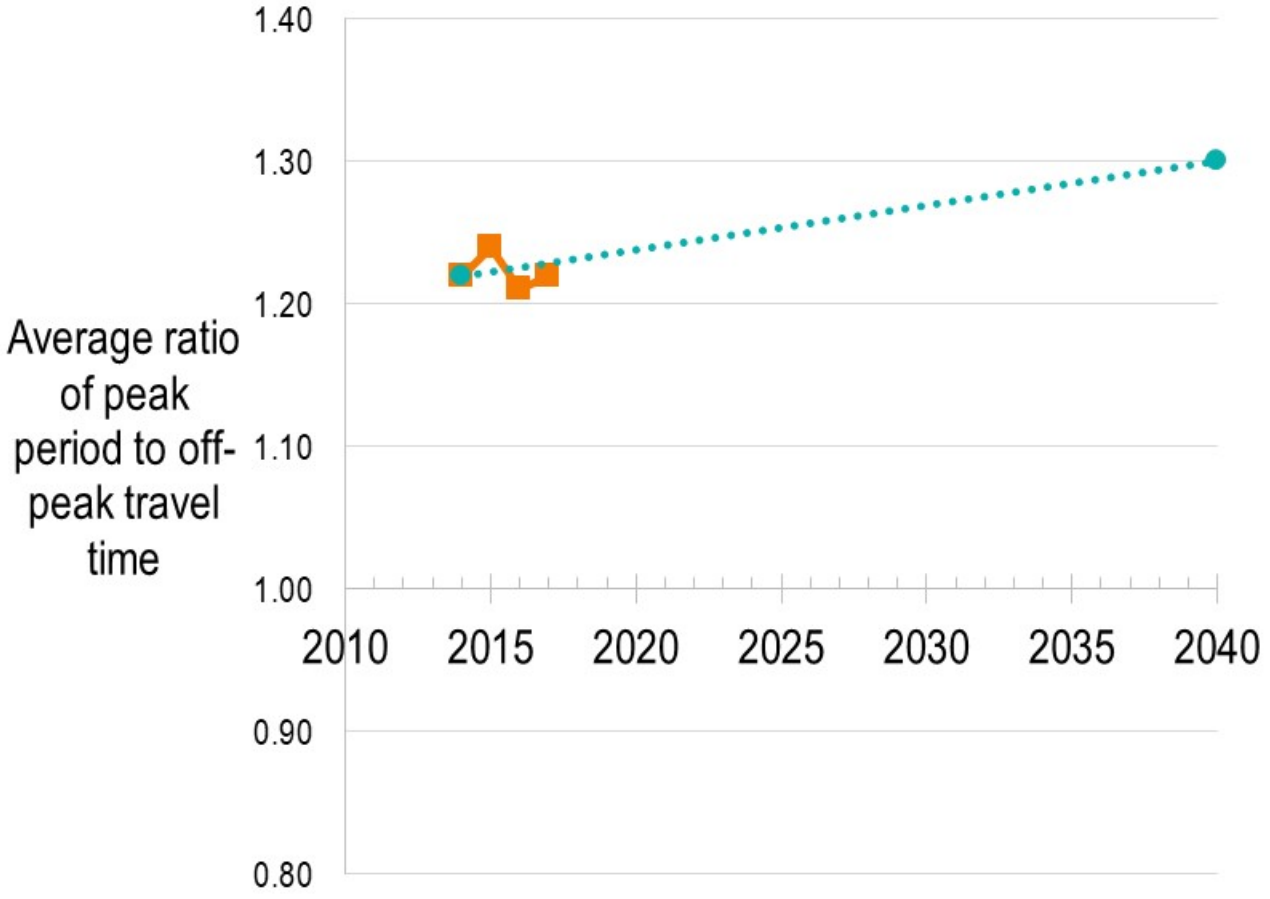


Back to “Metro Vision performance measure status”

Travel time variation (TTV)

On track

Year	Observation
2014	1.22
2015	1.24
2016	1.21
2017	1.22
2040 Target	Less than 1.30

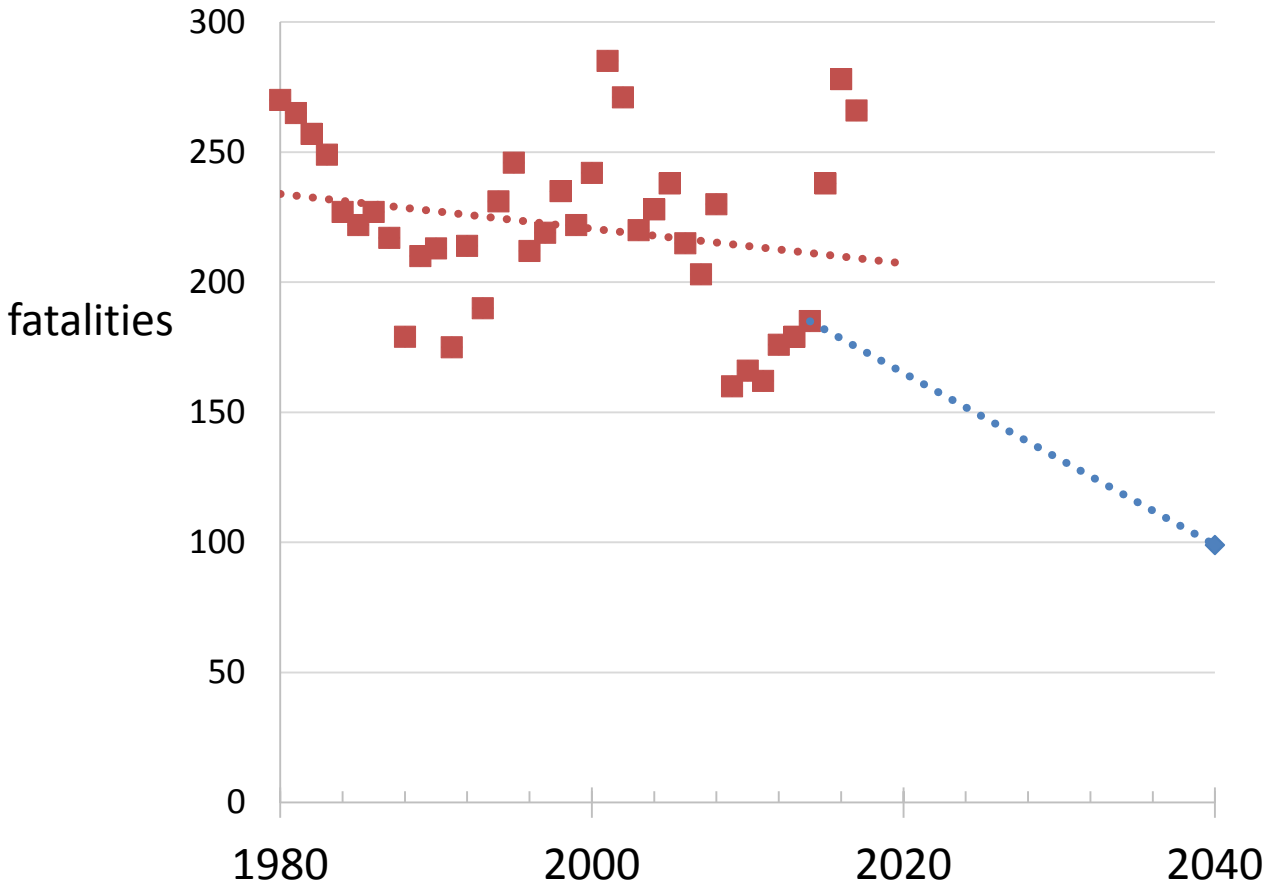


Back to “Metro Vision performance measure status”

Traffic fatalities

Behind schedule

Year	Observation
2014	185
2015	238
2016	278
2017	266
…	…
2040 Target	Less than 100



Back to “Metro Vision performance measure status”

2050 MVRTP STRATEGIC ISSUES

2050 MVRTP Strategic Issues

- How will the Denver region grow & change by 2050?
- How do we make our streets safer for all travelers?
- What role will technology play in travel and mobility?
- How do we respond to the persistent lack of adequate transportation funding?
- What mix of projects and investment decisions in the 2050 MVRTP will best achieve Metro Vision's performance targets?
- What choices and tradeoffs are we willing to make around mobility, travel choices, congestion, and maintenance?

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

2050 MVRTP SCHEDULE & NEXT STEPS

Summary Schedule (2019 and 2020)

Public & Stakeholder Engagement (continuous)	• Prepare Engagement Plan • Conduct Engagement • Hold Public Hearing for Plan Adoption
"Definitions" Tasks (2019)	• Functional Classification • Environmental Justice • Vision Projects
Financial Planning (2019)	• 2050 Revenues & Program Distribution • Define Expenditures • Allocate Revenues & Expenditures to Projects & Categories
Scenario Planning (Late 2019, Early 2020)	• Complete 2050 Base Land Use Forecast • Define & test scenarios • "Select" Scenario or Hybrid
Prepare & Adopt 2050 MVRTP (2020 – adopt by early 2021)	• Identify Capacity Projects • Conduct Air Quality Conformity Model Runs • Prepare Plan Document

drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

Public & Stakeholder Outreach

We make life better!
drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

2050 Metro Vision Regional Transportation Plan Survey

www.surveymonkey.com/r/metrovisionsurvey

We make life better!
drcog
DENVER REGIONAL COUNCIL OF GOVERNMENTS

HELP US SHAPE THE
METRO VISION REGIONAL TRANSPORTATION PLAN

- The Metro Vision Regional Transportation Plan is the region's long-range vision for transportation through 2050.
- The plan describes what transportation infrastructure and services are needed, based on population and employment projections.
- The plan outlines what transportation infrastructure and services the region will be able to afford over the next 30 years.
- The plan shows how federal, state and local funds will be spent on transportation modes, projects and services.
- The plan identifies major roadway and transit capacity projects.
- The plan is updated every four years.
- DRCOG will be working on this plan over the next two years. **Now is the time to share your input!** Visit bit.ly/2050MVRTP for more details about how you can get involved.

TPO-FL-MVRTPOVER-19-07-12-v1

2050 MVRTP Public Engagement Strategy

Draft Schedule

	2019			2020				2021	
Phase	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1: Visioning & education	■	■							
2: Investment priorities & scenario options			■	■	■				
3: Plan development						■	■		
4: Draft plan review								■	■

Engagement Phases

1 SUMMER/FALL 2019
Visioning and education

Potential activities:
- Video
- Online survey
- Pop-up events
- Telephone town halls
- Youth outreach
- Community-based organization outreach
- Sub-regional forums
- DRCOG committees

2 WINTER 2019/SPRING 2020
Investment priorities and scenario options

Potential activities:
- Online survey (map-based and visualization)
- Youth outreach
- Stakeholder workshops
- Community-based organization outreach
- Sub-regional forums
- Bike to Work Day 2020

3 FALL/WINTER 2020
Plan development

Potential activities:
- Sub-regional forums
- DRCOG committees
- Partner meetings
- Public photo contest

4 SPRING 2021
Draft plan review

Potential activities:
- Public open houses
- Online survey
- Web comments

PLAN ADOPTION JUNE 2021

Jacob Riger, AICP
Manager, Long Range Transportation Planning
DRCOG
(303) 480-6751
jriger@drcog.org

THANK YOU!