



COLORADO
Department of Transportation

HB23-1101 TPR Study

Region 4 Public Meeting

July 31, 2023

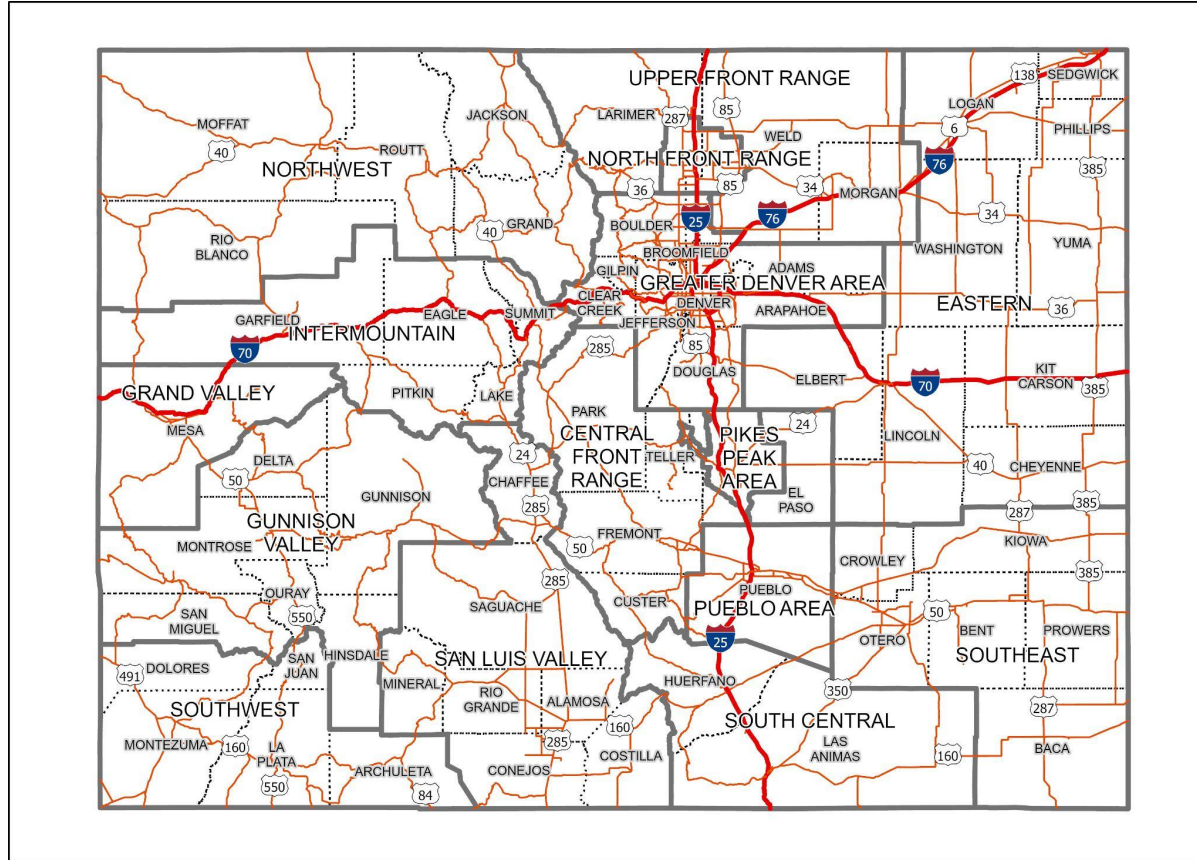


Statewide Maps





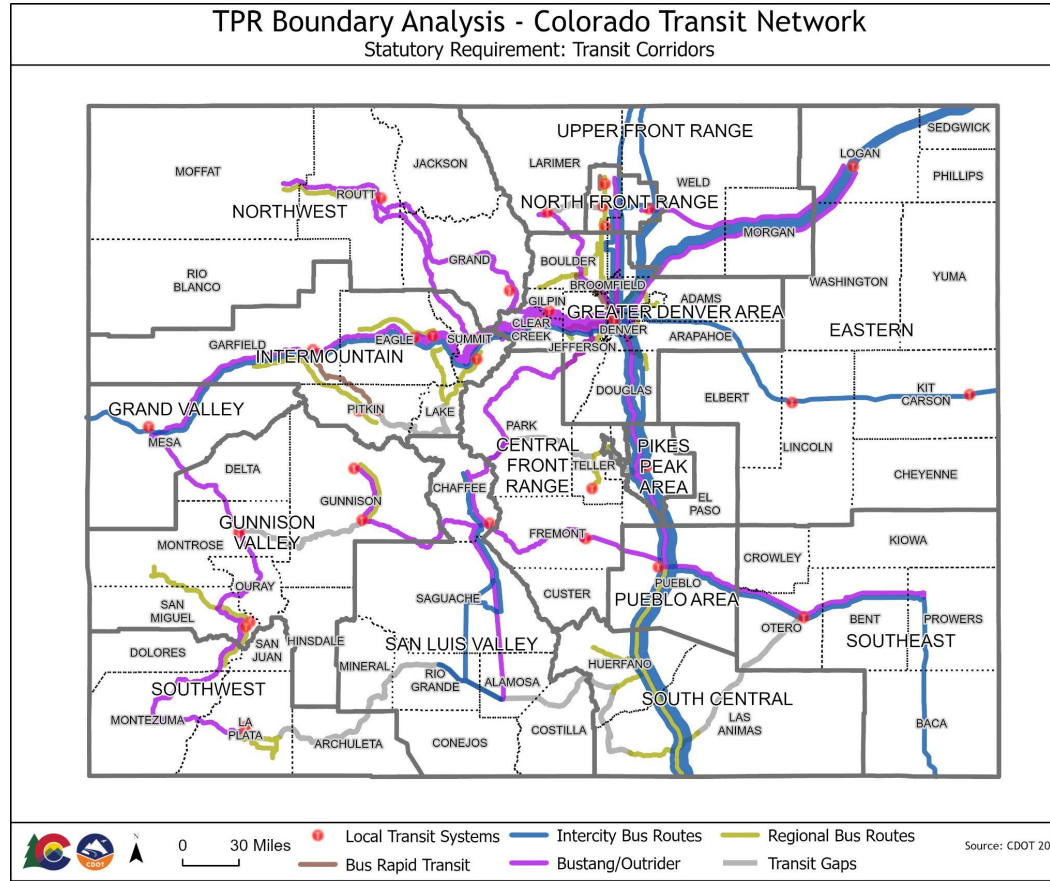
Highway Corridors





Transit Corridors

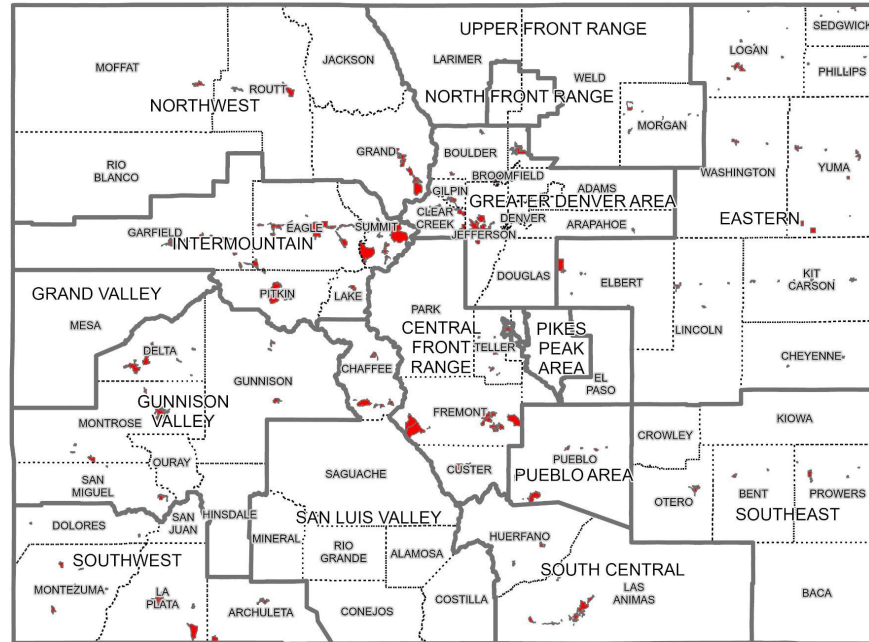
TPR Boundary Analysis - Colorado Transit Network
Statutory Requirement: Transit Corridors





Transit District Boundaries

TPR Boundary Analysis - Transit Service Areas for Census Designated Places
Statutory Requirement: Transit District Boundaries



0 30 Miles

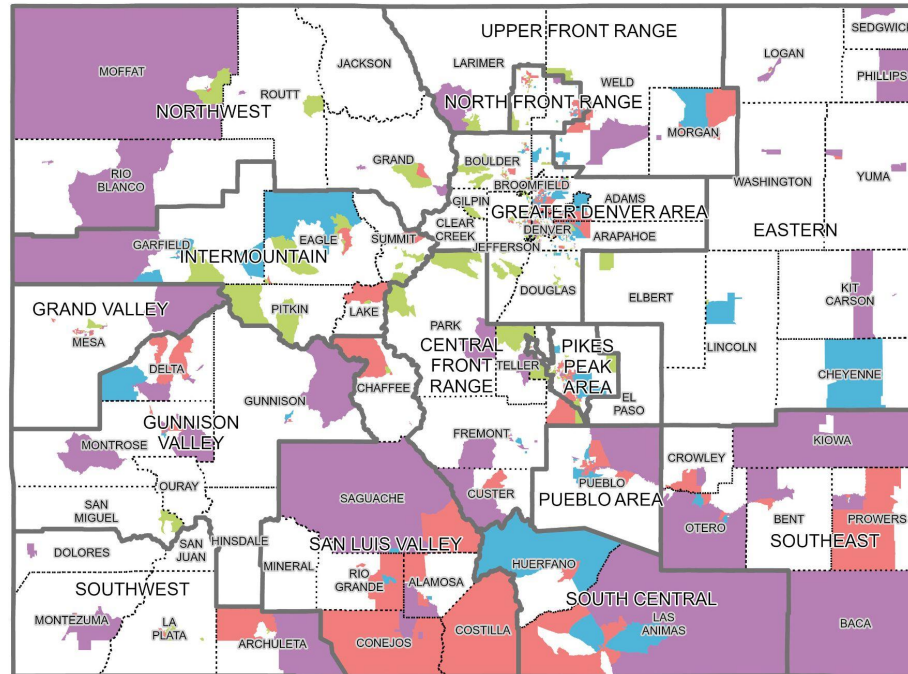
■ Transit Service Areas for Census Designated Places

Source: CDOT 2021



Disproportionately Impacted Communities

TPR Boundary Analysis - Disproportionately Impacted Communities
Statutory Requirement: Disproportionately Impacted Communities



0 30 Miles

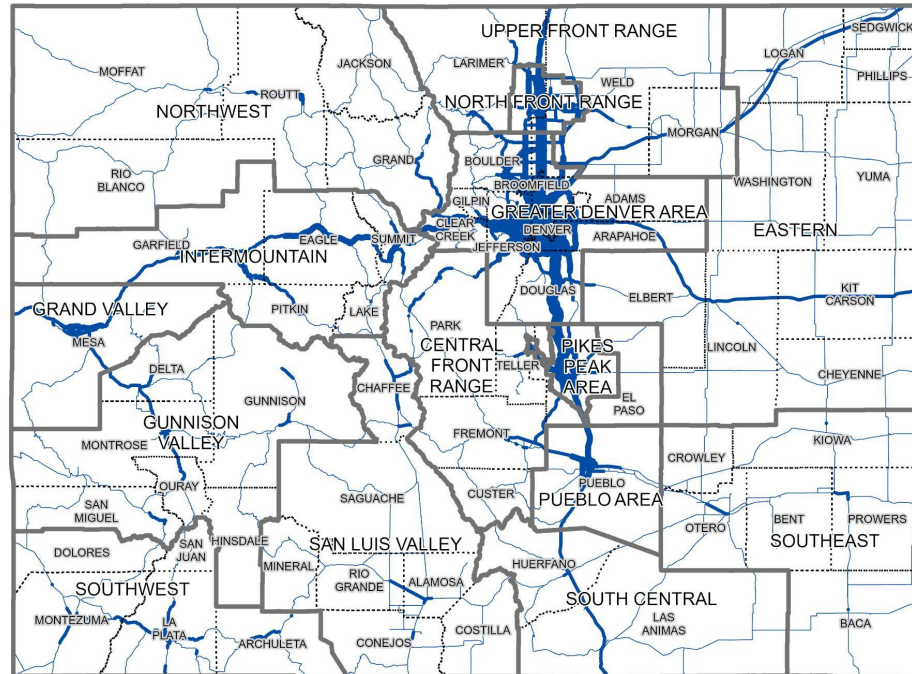
- More than one category
- People of Color
- Housing Burden
- Low Income

Source: CDPHE 2021



Vehicle Miles Traveled

TPR Boundary Analysis - Vehicle Miles Traveled
Statutory Requirement: Vehicle Miles Traveled



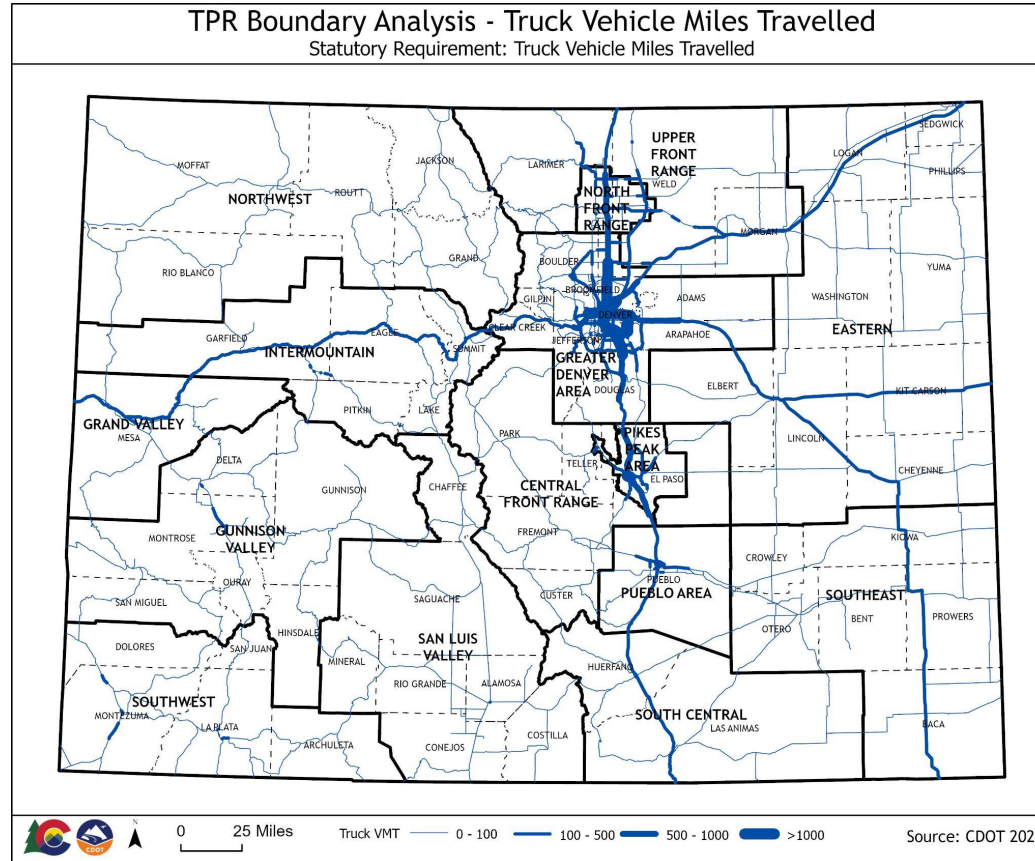
0 30 Miles

1 - 676
676 - 2450
2450 - 6556
6556 - 14900

Source: CDOT 2021



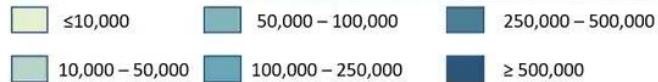
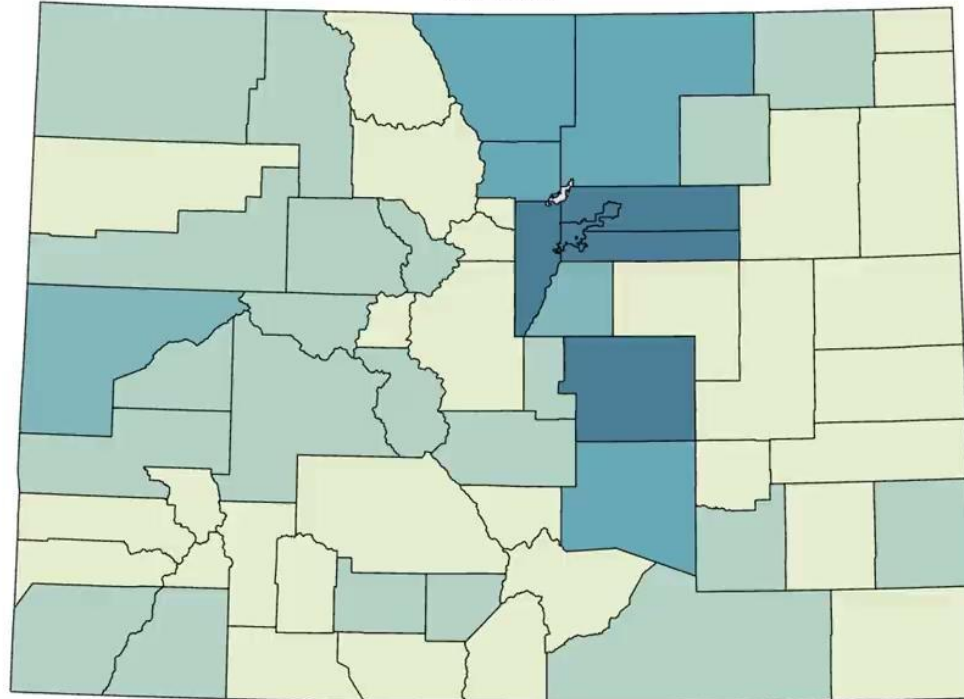
Truck Vehicle Miles Traveled





Visualization of Population Change by County

1990

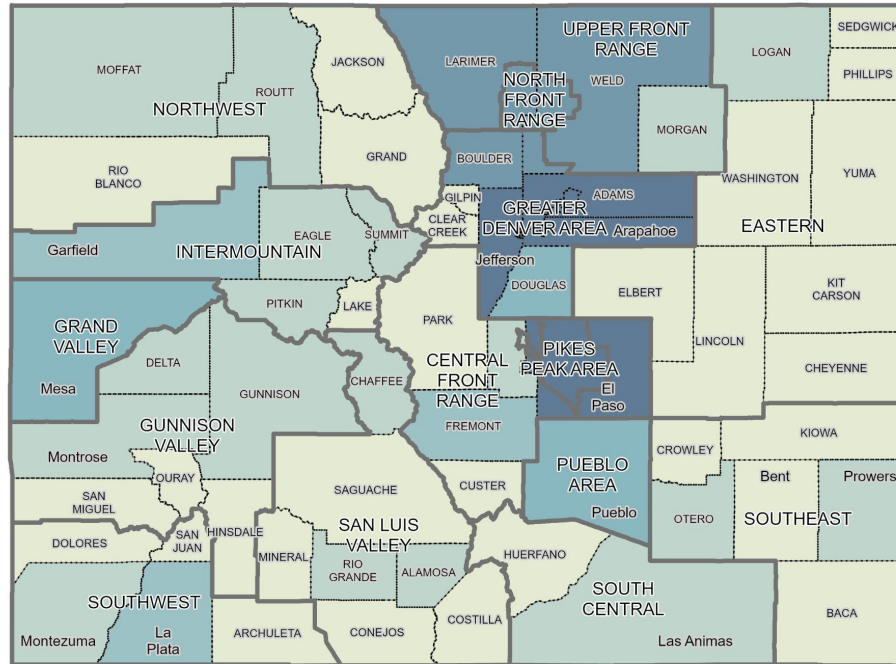




1990 Population by County

TPR Boundary Analysis - 1990 Population by County

Statutory Requirement: Population Trends



*Broomfield City/County did not exist in 1990



0 30 Miles

<10,000

10,001 - 25,000

25,001 - 60,000

60,001 - 130,000

130,001 - 265,000

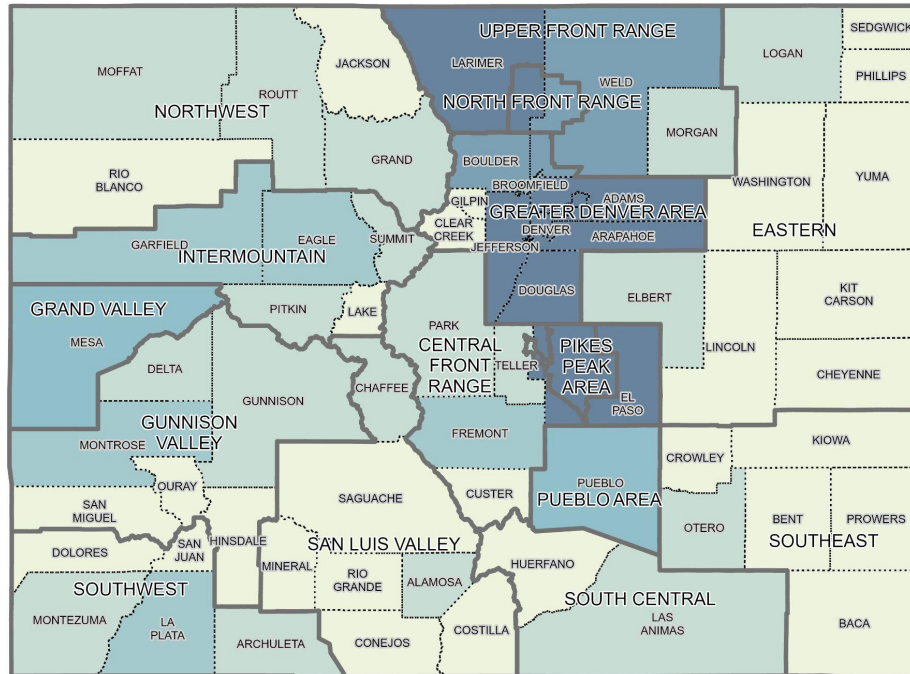
265,001 - 467,610

Source: US Census 1990

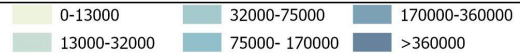


2021 Population by County

TPR Boundary Analysis - 2021 Population by County
 Statutory Requirement: Population Trends



0 30 Miles

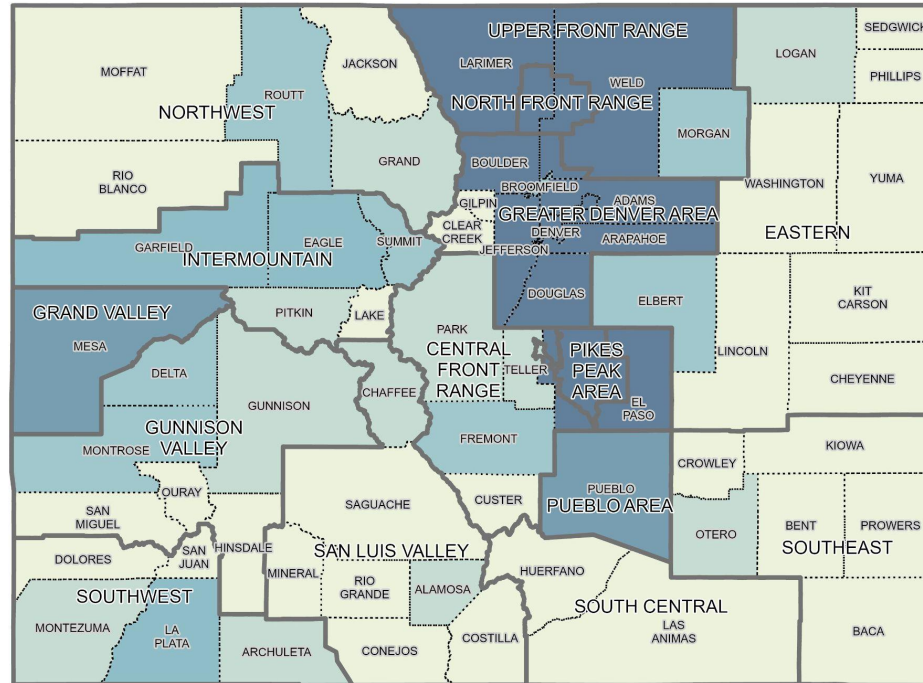


Source: US Census 2021

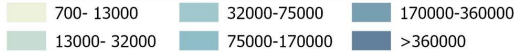


2050 County Population Projection

TPR Boundary Analysis - 2050 County Population Projection
 Statutory Requirement: Population Trends



0 30 Miles

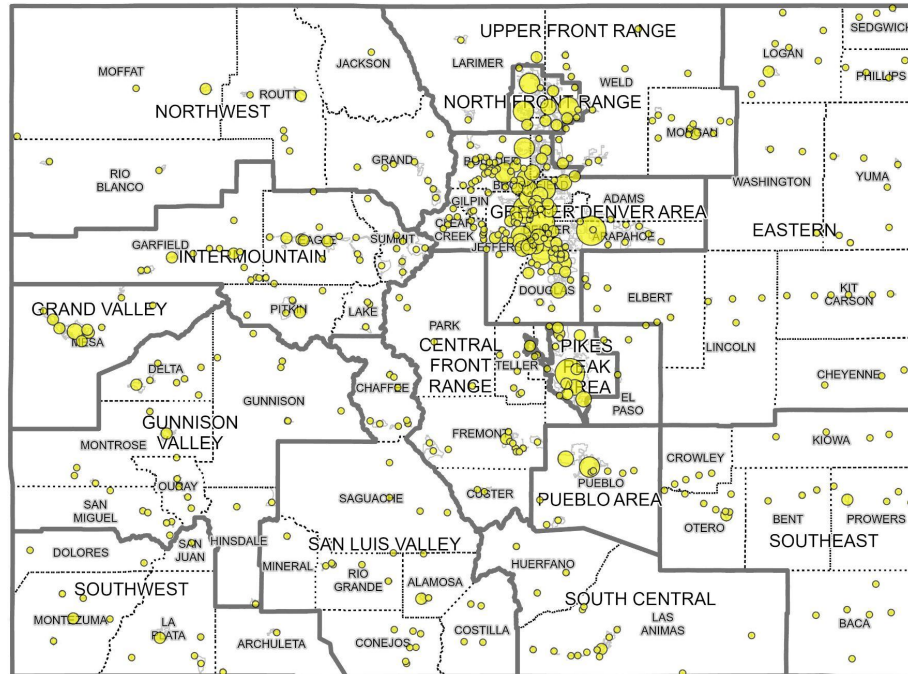


Source: DOLA 2020

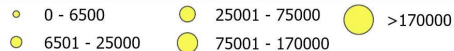


Populations of Census Designated Places

TPR Boundary Analysis - Population of Census Designated Places
Statutory Requirement: Population Trends



0 30 Miles

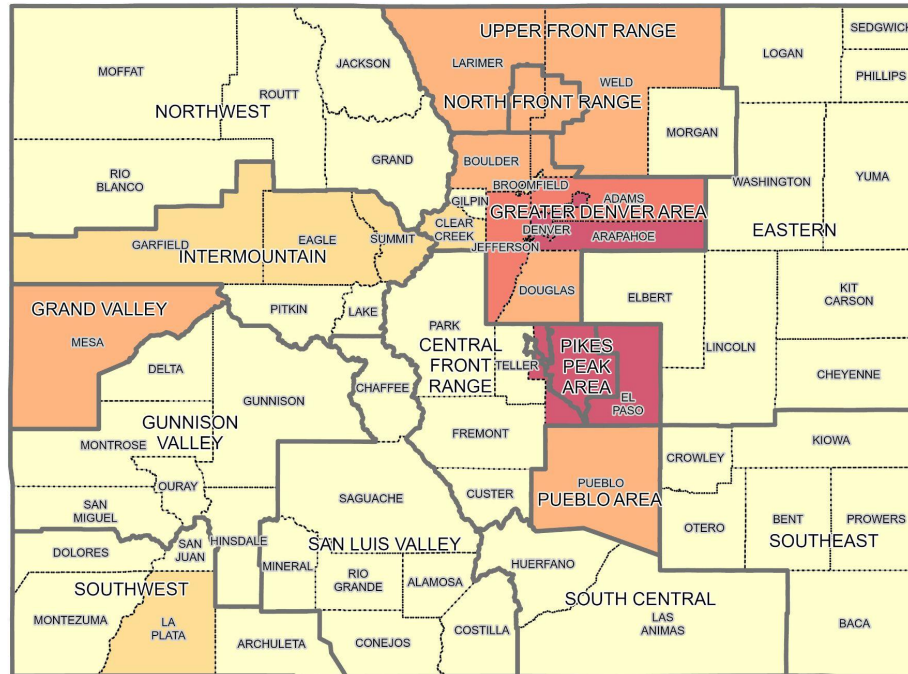


Source: US Census 2021



Vehicle Crashes by County

TPR Boundary Analysis - Vehicle Crashes by County
 Statutory Requirement: Safety and Management Considerations



0 30 Miles



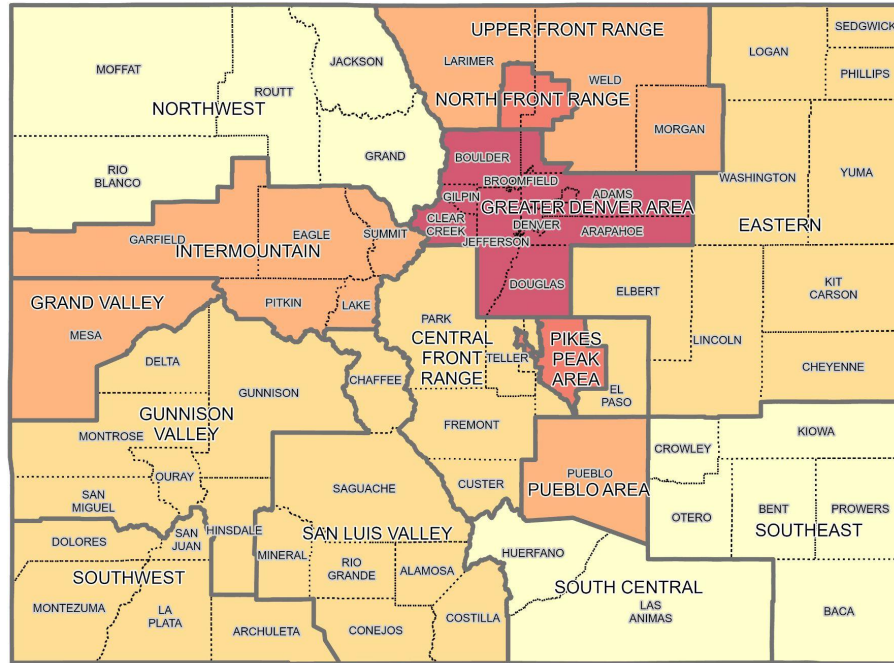
Source: CDOT 2021



Vehicle Crashes by TPR

TPR Boundary Analysis - Vehicle Crashes by TPR

Statutory Requirement: Safety and Management Considerations



0 30 Miles

110 - 208

209 - 356

357 - 605

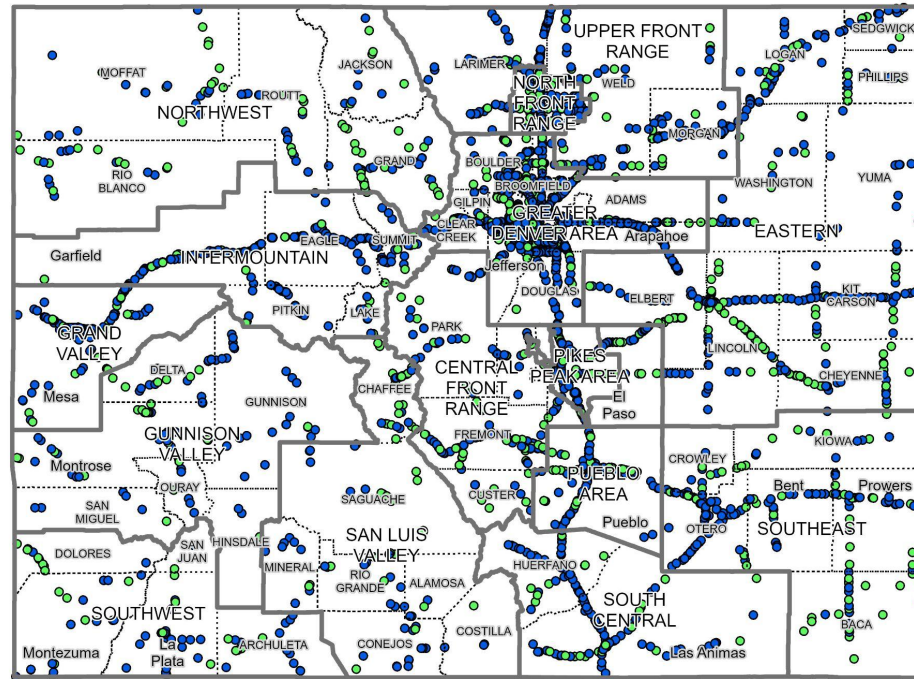
606 - 1614

Source: CDOT 2021



Bridges and Culverts

TPR Boundary Analysis - Bridges and Major Culverts
Statutory Requirement: Safety and Management Considerations



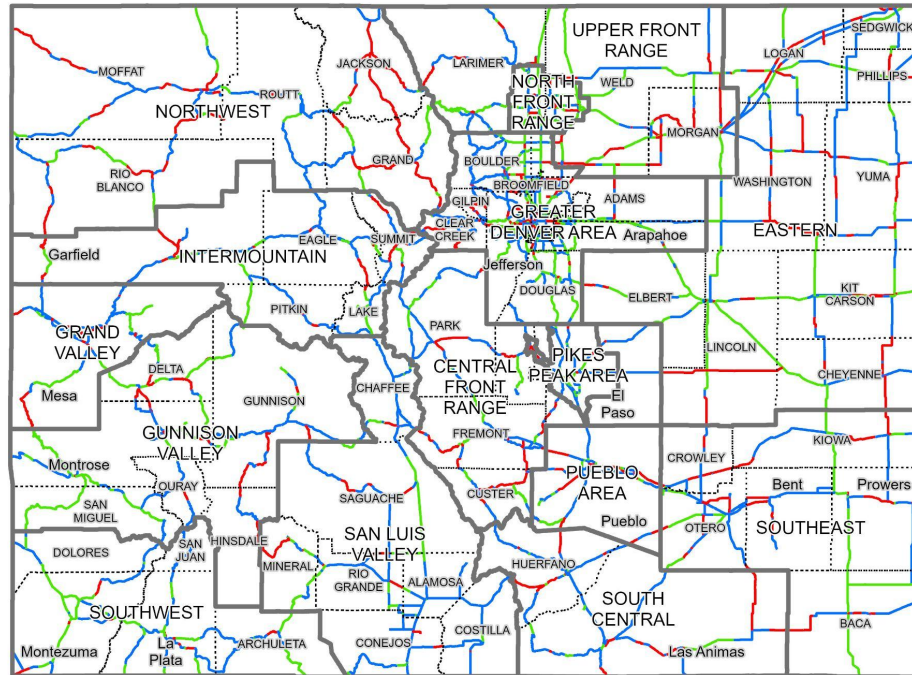
● BRIDGE ● CULVERT

Source: CDOT 2021



Highway Drivability Life

TPR Boundary Analysis - Highways: Drivability Life Statutory Requirement: Safety and Management Considerations



0 30 Miles

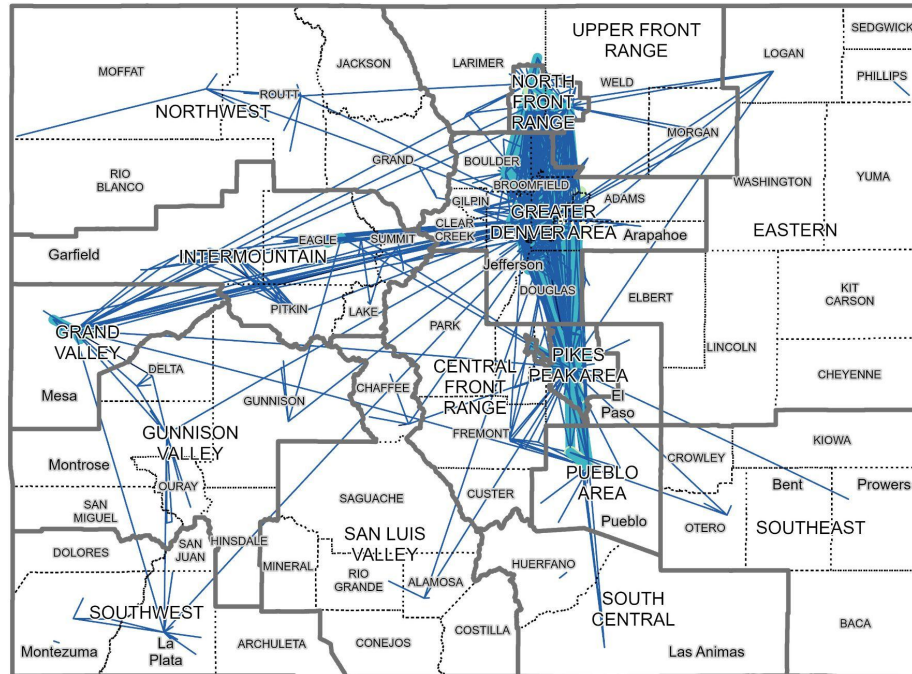
— HIGH
— MODERATE
— LOW
— DL not calculated

Source: CDOT 2021

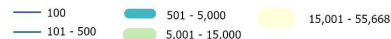


Commuter Origin and Destination

TPR Boundary Analysis - Commuter Origin and Destination (100+ Commuters)
 Statutory Requirement: Commuting



0 30 Miles

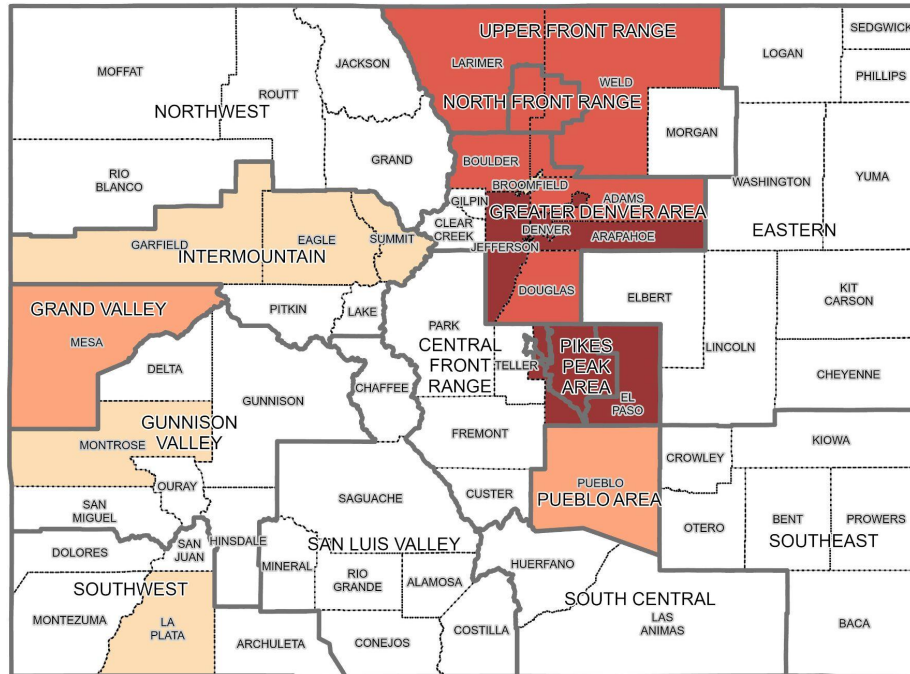




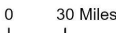
Source: US Census 2019



Commuters from Out of County

TPR Boundary Analysis - Commuters from Out of County
 Statutory Requirement: Commuting



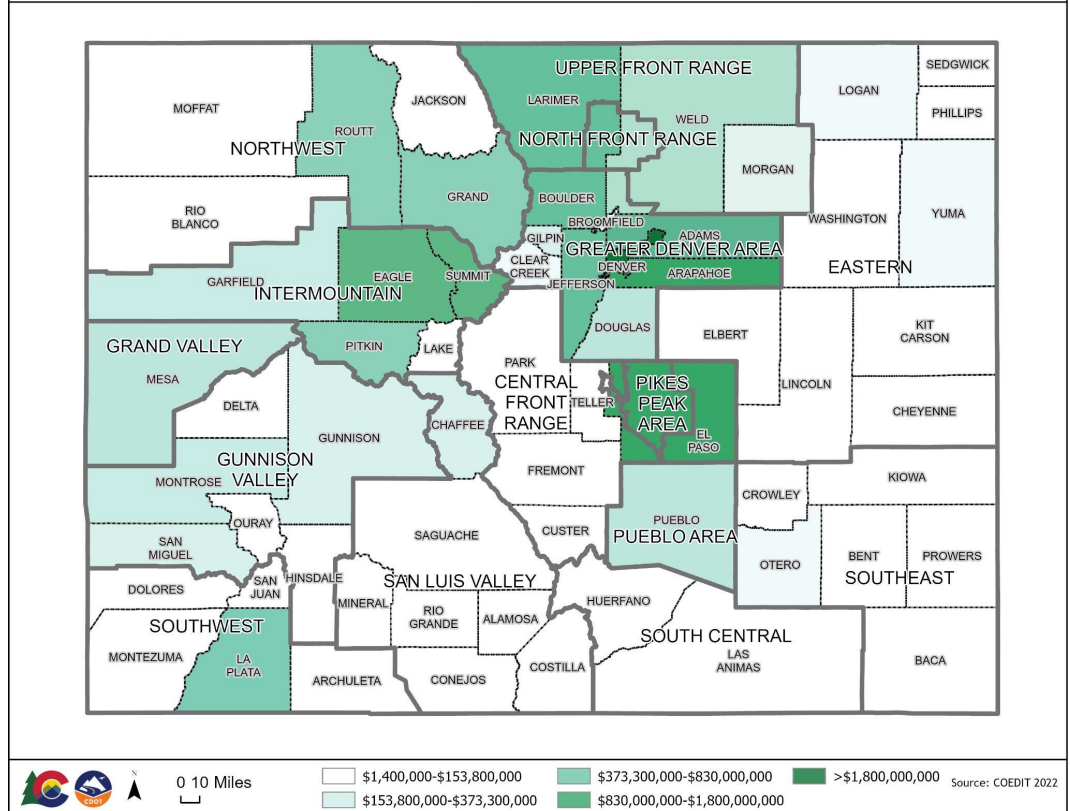
292 - 13808	31203 - 66836	225743 - 342987
13809 - 31202	66837 - 225742	

Source: Census 2021
 Data Represents
 Commuting Flow into the
 County



County Level Tourism Direct Travel Spending

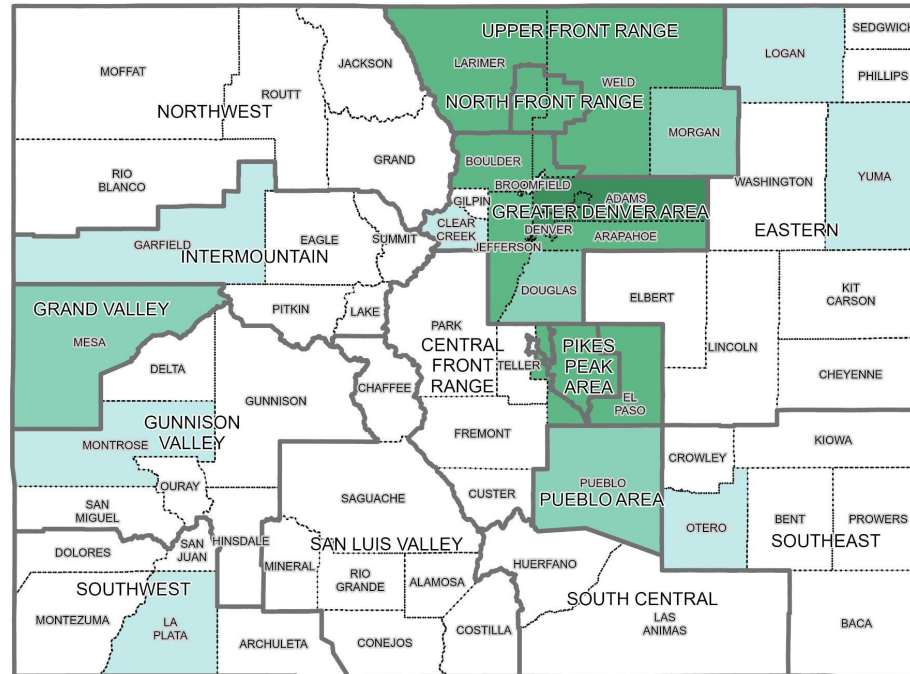
TPR Boundary Analysis - County Level Tourism Statistics (Direct Travel Spending)
 Statutory Requirement: Tourism Impacts





County Level Movement of Goods

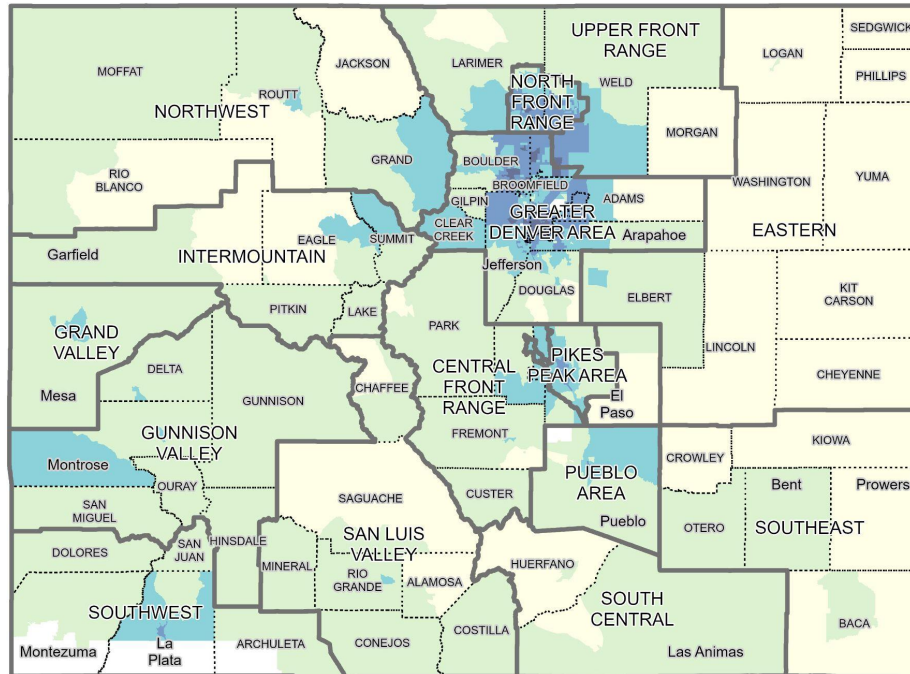
TPR Boundary Analysis - County Level Movement of Goods
Statutory Requirement: Freight Movement





Levels of Air Pollutants: Air Quality Measures

TPR Boundary Analysis - EnviroScreen Air Quality Measures
 Statutory Requirement: Levels of Air Pollutants



0 30 Miles

17.18 - 30 30 - 40 40 - 50 50 - 60 60 - 77.22

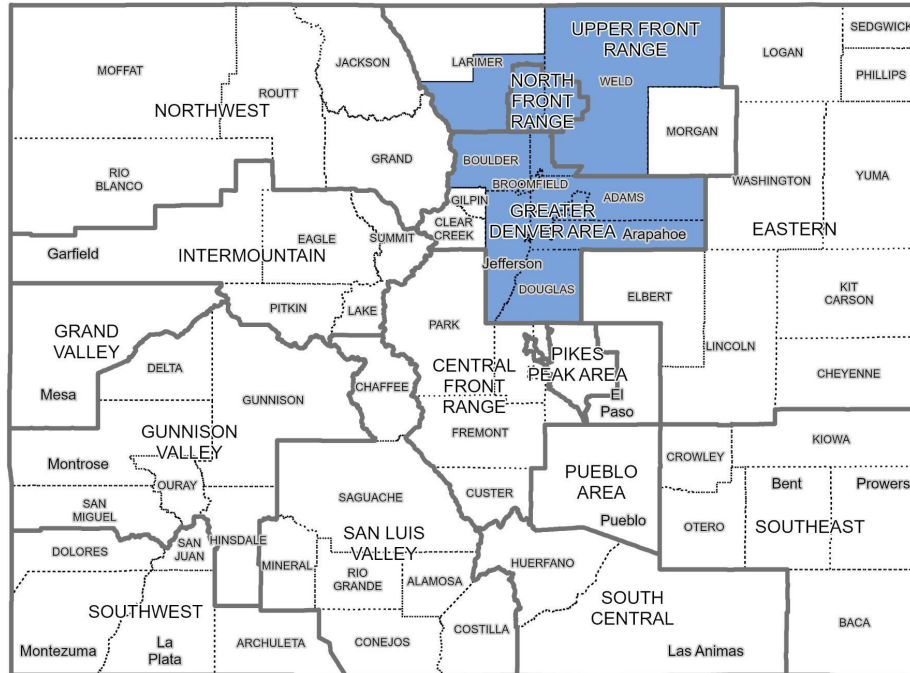
Data reflects the Pollution and Climate Burden Score

Source: CDPHE 2022



Ozone Nonattainment

TPR Boundary Analysis - Ozone Nonattainment
Statutory Requirement: Levels of Air Pollutants

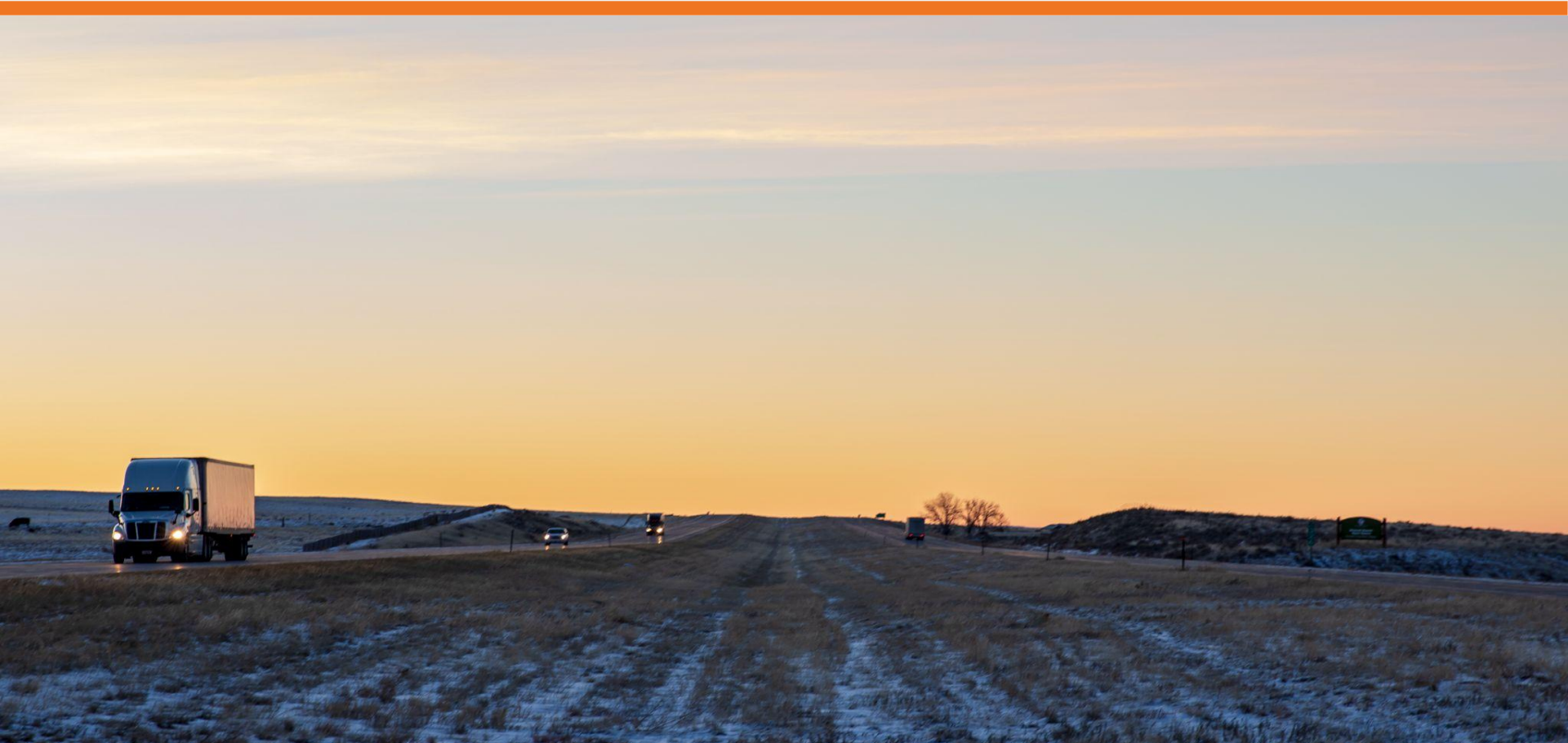


■ Ozone Nonattainment

Source: CDOT 2021



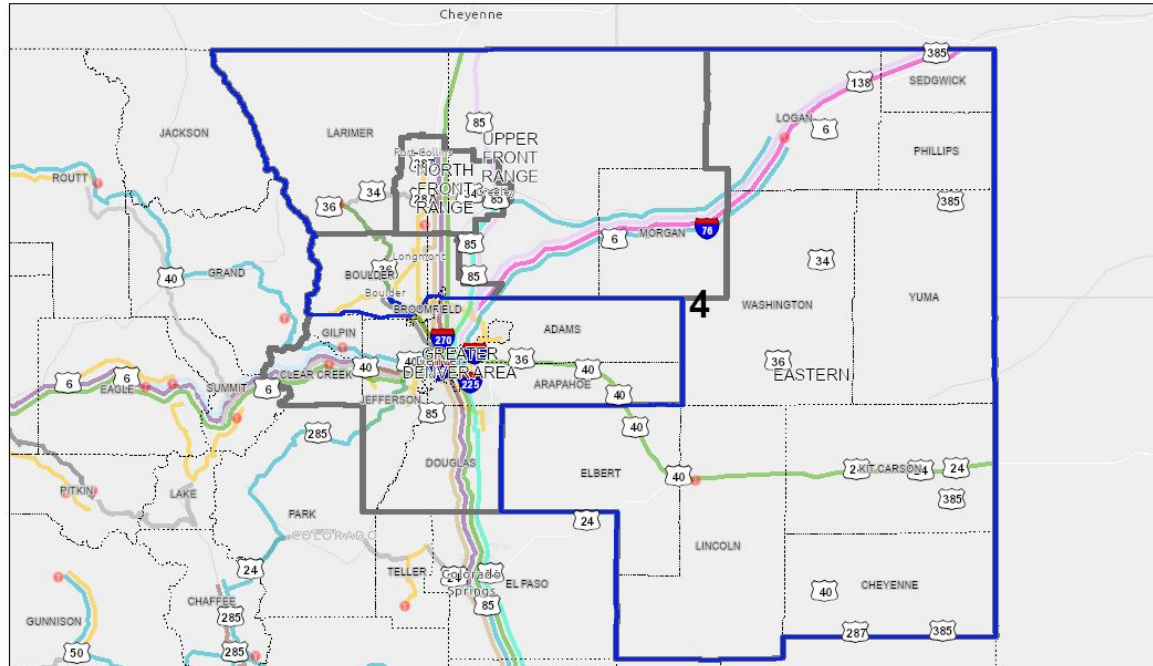
TPR Level Maps





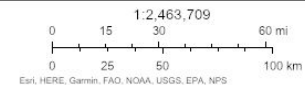
Transit Corridors

Region 4 Transit Corridors



7/28/2023, 10:51:29 AM

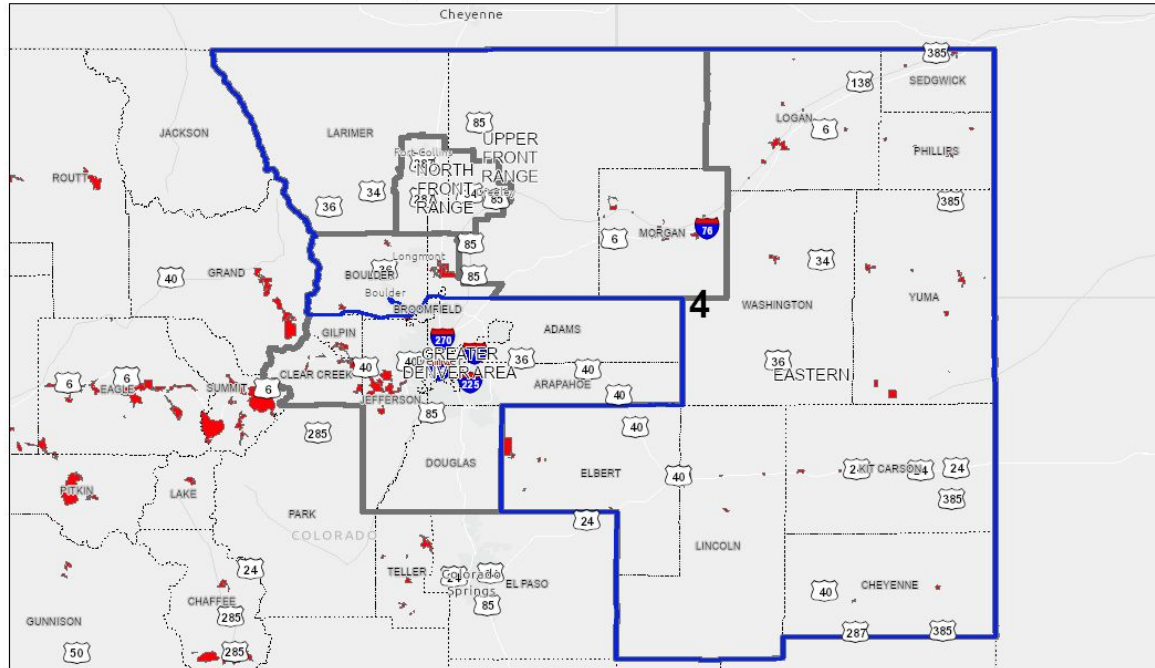
- ▬ Highways for Arno
- ▬ CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- Local Transit Systems
- ▬ Bus Rapid Transit
- ▬ Flatiron Flyer: Denver to Boulder
- ▬ MAX: Fort Collins
- ▬ VeloCityRFTA: Aspen to Glenwood Springs
- ▬ Intercity Bus Routes
- ▬ Burlington Trailways
- ▬ Chaffee Shuttle





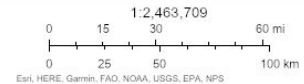
Transit District Boundaries

Region 4 Transit District Boundaries



7/28/2023, 11:00:40 AM

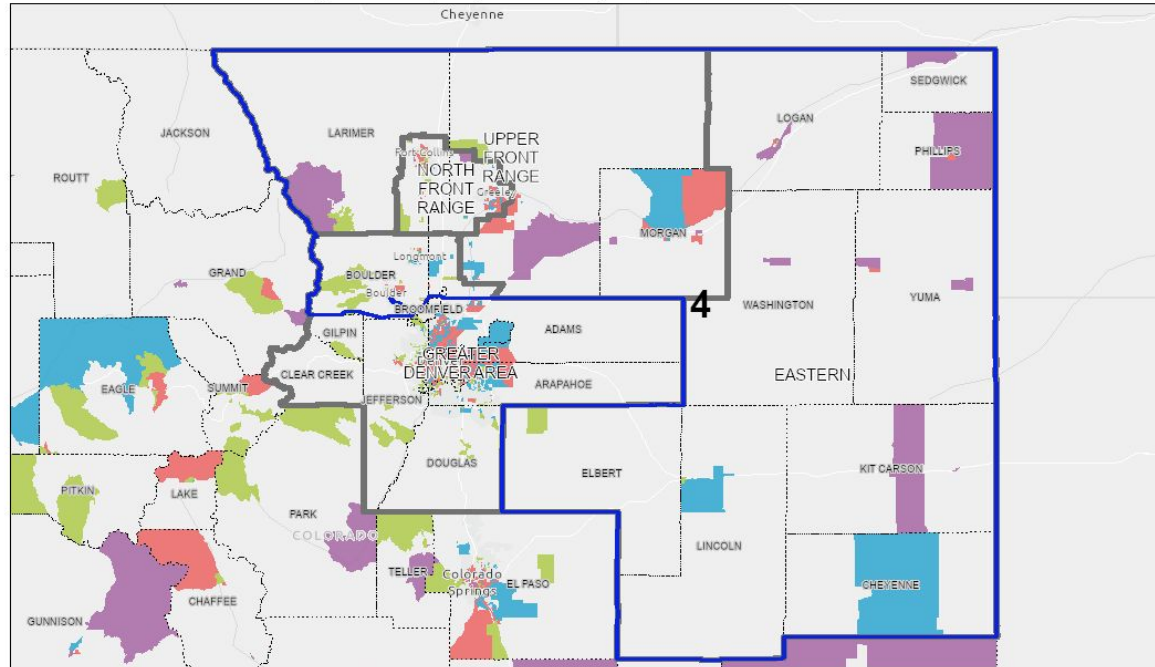
- Highways for Anno
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- Transit Service Areas for Census Designated Places





Disproportionately Impacted Communities

Region 4 Disproportionately Impacted Communities



7/28/2023, 11:05:09 AM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Disproportionately Impacted Communities

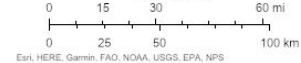
More than one category

People of Color

Housing Burden

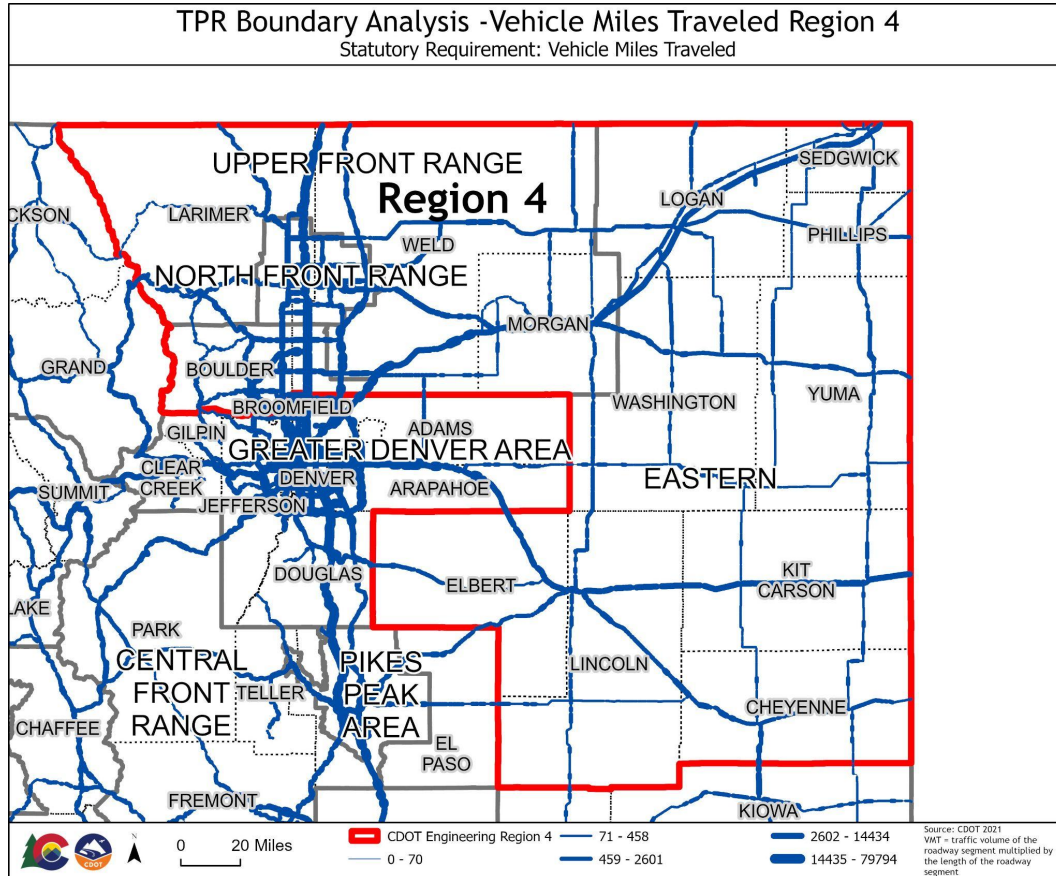
Low Income

1:2,463,709



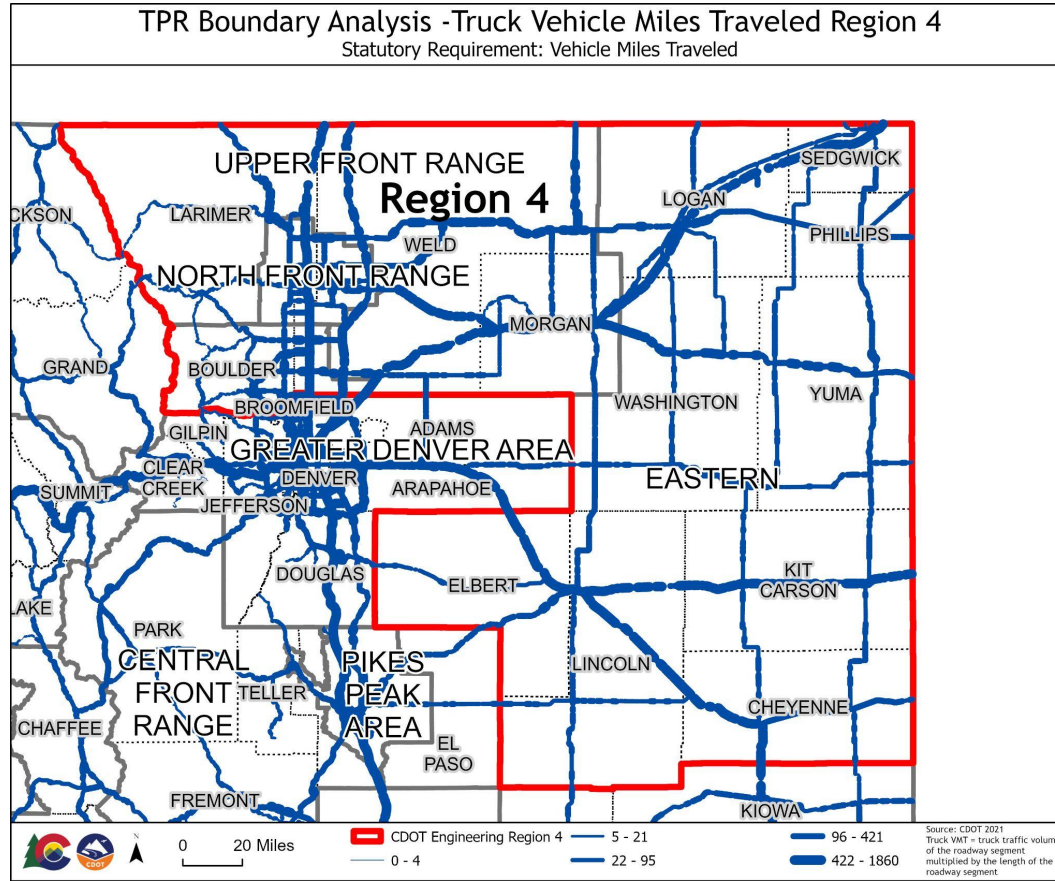


Vehicle Miles Traveled





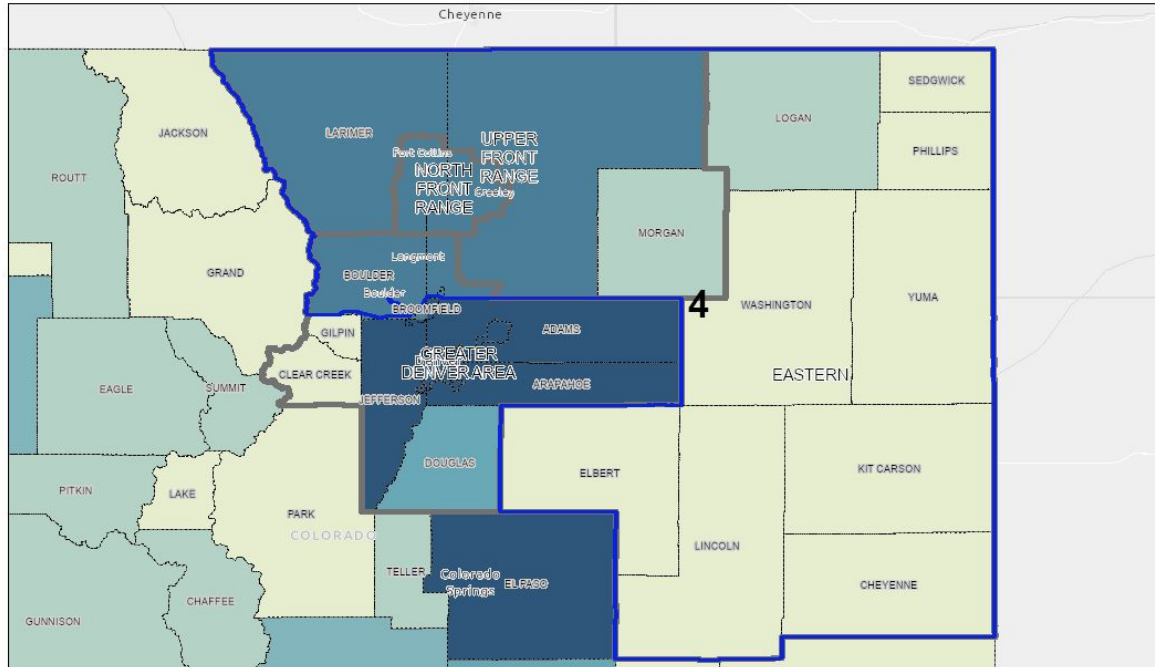
Truck Vehicle Miles Traveled





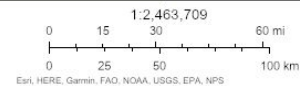
1990 Population by TPR

Region 4 1990 Population



7/28/2023, 11:28:11 AM

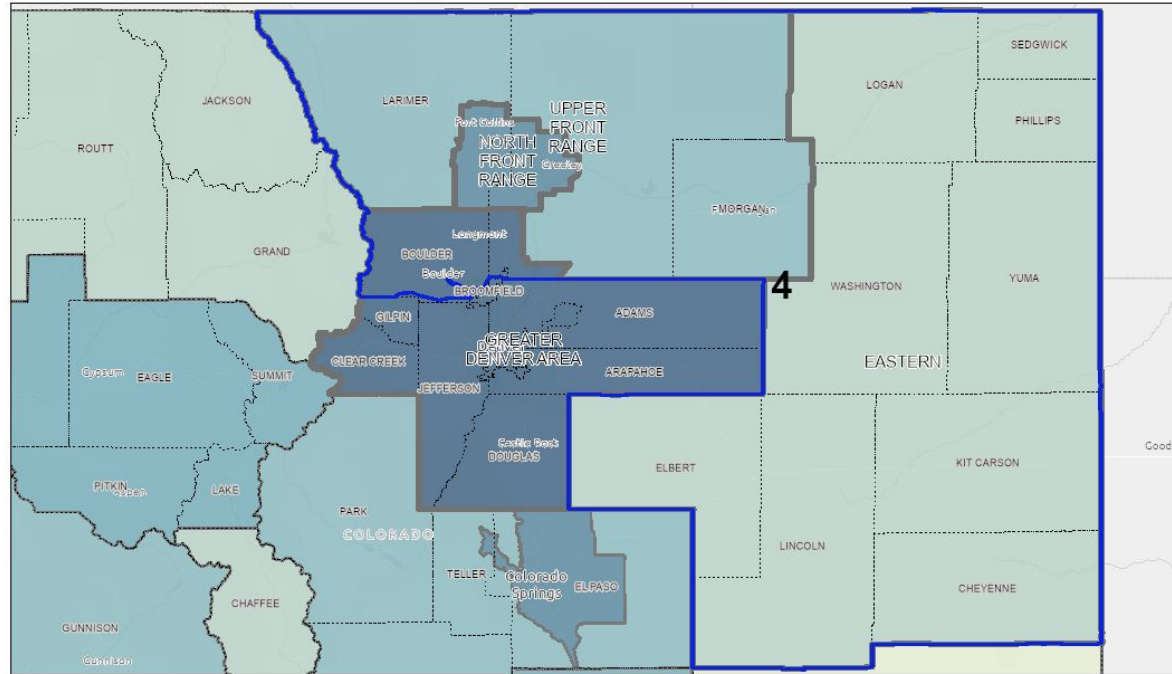
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries





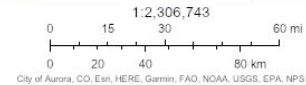
2021 Population by TPR

Region 4 2021 Population by TPR



7/31/2023, 11:50:17 AM

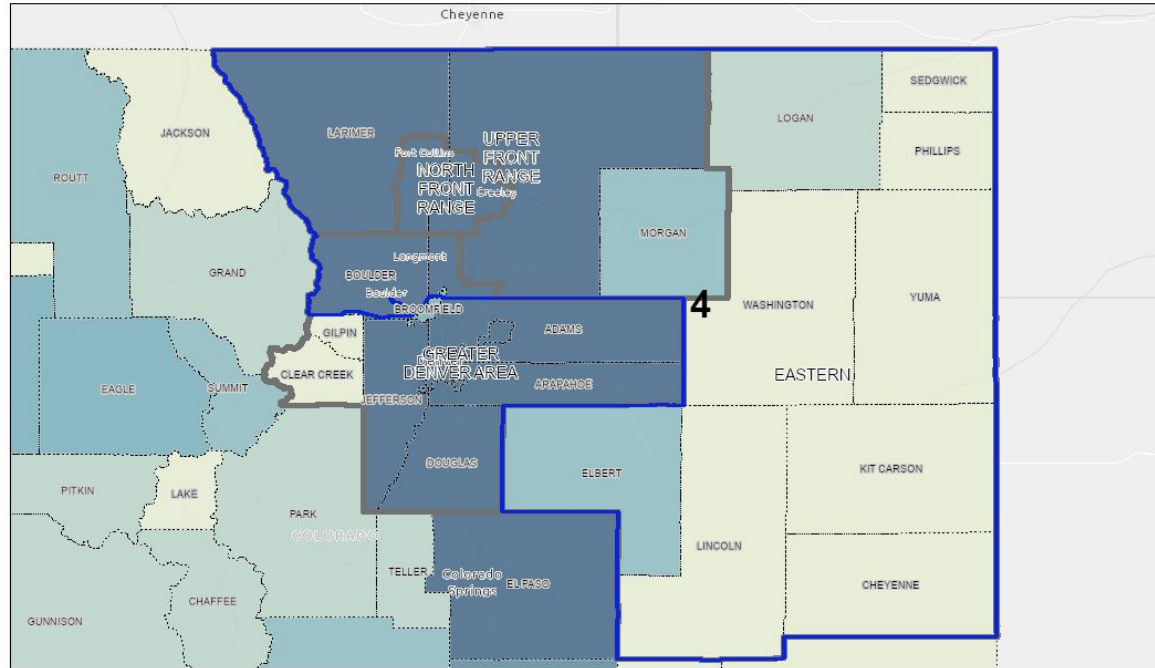
- CDOT Engineering Regions
 - Transportation Planning Regions (TPR)
 - County Boundaries
- | | | |
|------------------------|--------------------|-----------------------|
| 2021 Population by TPR | 21,318 – 47,443 | > 110,632 – 172,844 |
| | > 47,443 – 83,788 | > 172,844 – 713,984 |
| | > 83,788 – 110,632 | > 713,984 – 3,299,015 |





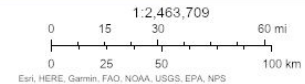
2050 Population by TPR

Region 4 2050 Population



7/28/2023, 11:41:42 AM

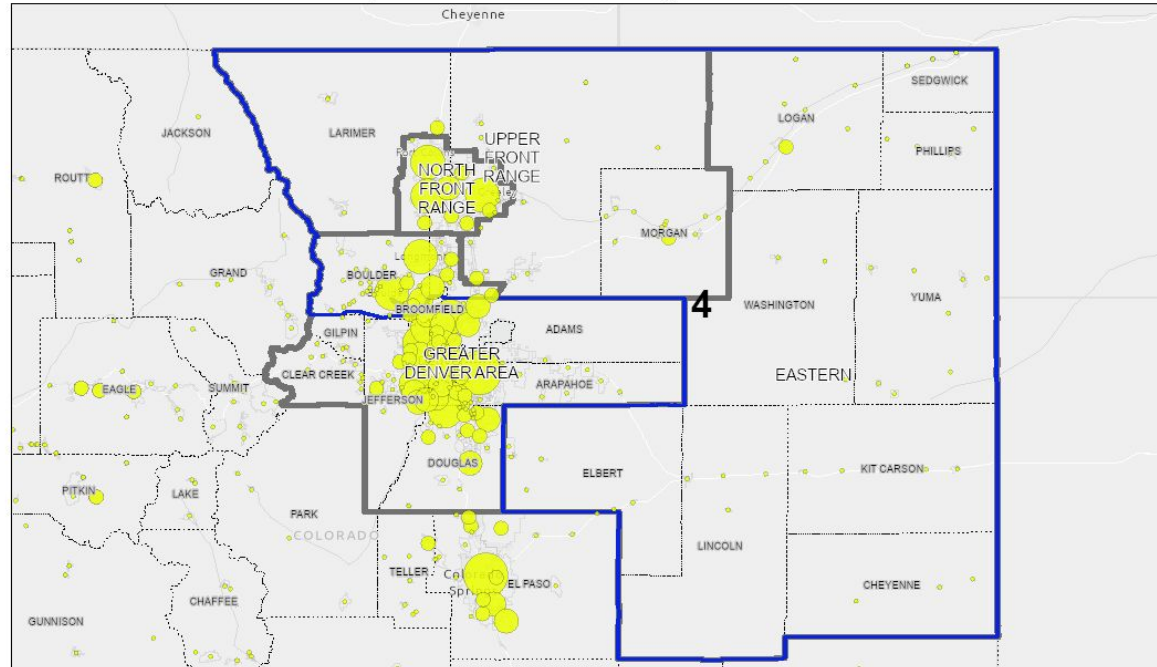
- CDOT Engineering Regions
 - Transportation Planning Regions (TPR)
 - County Boundaries
- | | |
|---------------------------------------|---|
| 2050 Population Projections By County | > 75,000 - 170,000 |
| | 700,021 - 13,000 |
| | > 170,000 - 360,000 |
| | > 13,000 - 32,000 |
| | > 360,000 - 1,004,027 |
| | > 32,000 - 75,000 |





Populations of Census Designated Places

Populations of Census Designated Places

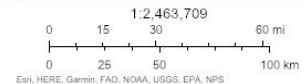


7/28/2023, 11:45:51 AM

- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries

Census Designated Place Population Estimates

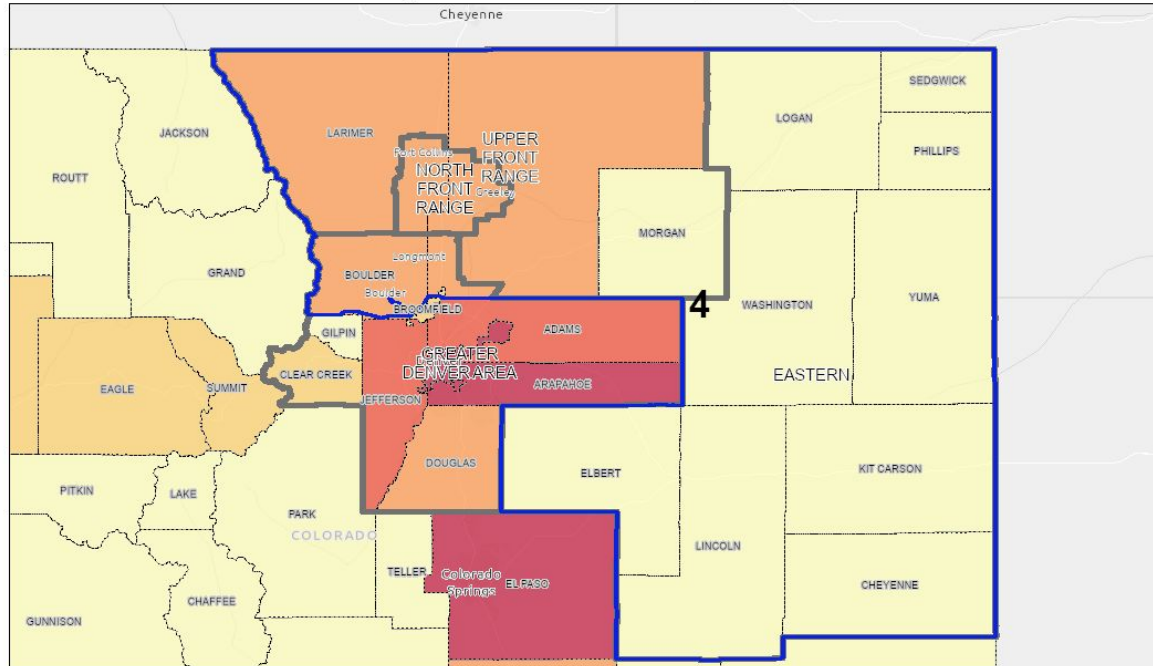
- 0 - 6,500
- > 6,500 - 25,000
- > 25,000 - 75,000
- > 75,000 - 170,000
- > 170,000 - 706,799





Vehicle Crashes by County

Region 4 Vehicle Crashes by County



7/28/2023, 11:47:03 AM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Vehicle Crashes by County

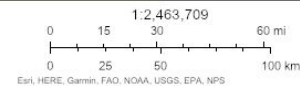
1 - 119

120 - 307

308 - 1281

1282 - 2422

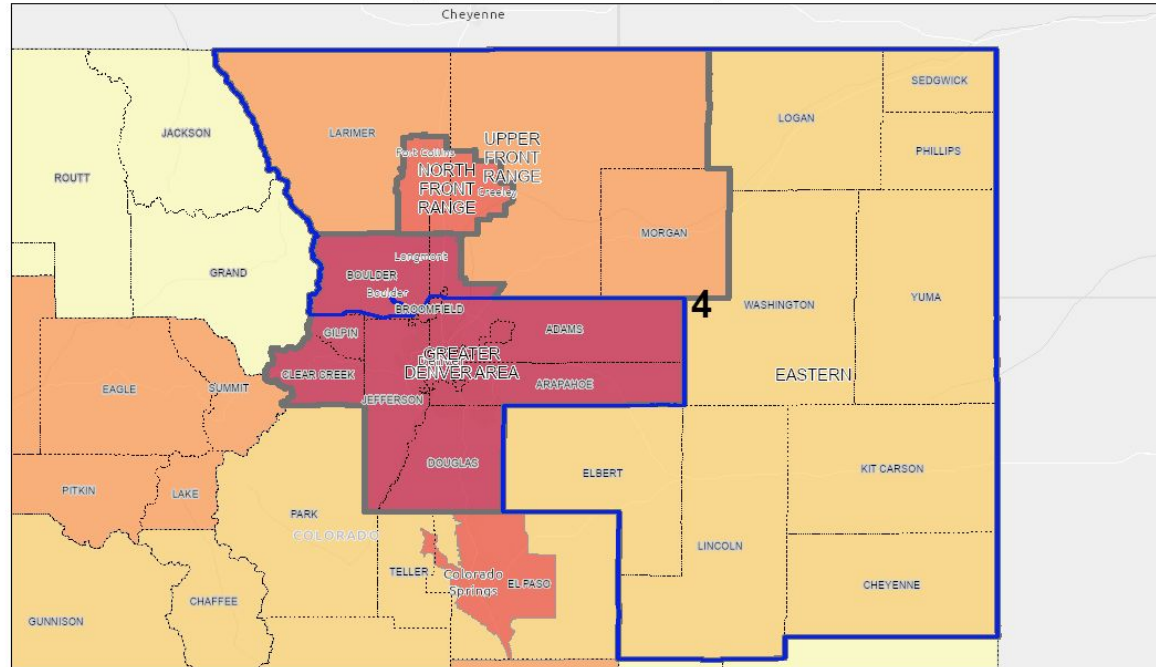
2423 - 4682





Vehicle Crashes by TPR

Region 4 Vehicle Crashes by TPR



7/28/2023, 11:48:01 AM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Vehicle Crashes by TPR

110 - 208

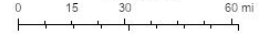
209 - 356

357 - 605

606 - 1614

1615 - 8309

1:2,463,709

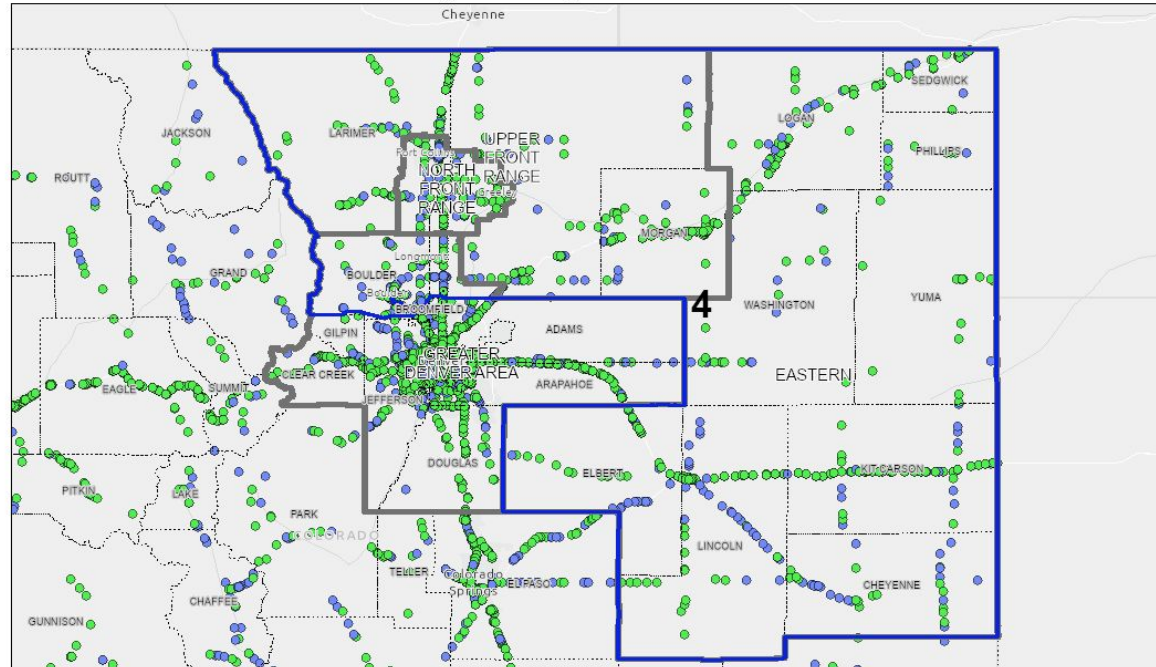


Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS



Bridges and Culverts

Region 4 Bridges and Culverts



7/28/2023, 11:51:35 AM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Bridges and Major Culverts

BRIDGE

CULVERT

1:2,463,709

0 15 30 60 mi

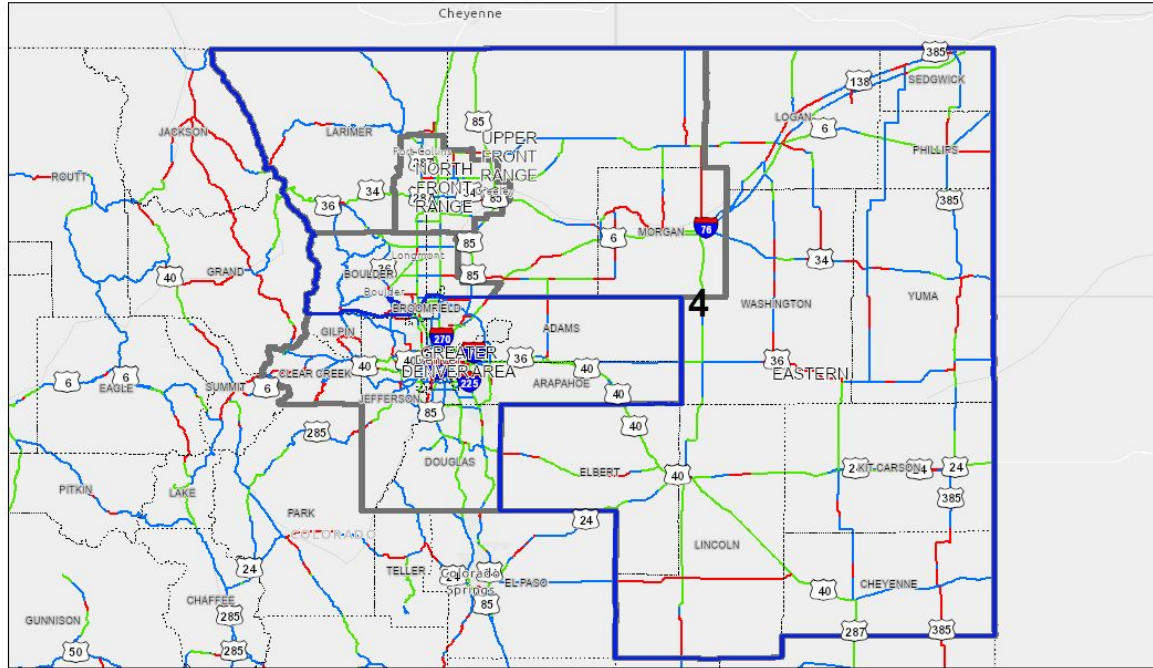
0 25 50 100 km

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS



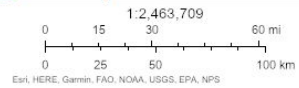
Highway Drivability Life

Region 4 Highway Drivability Life



7/28/2023, 12:00:04 PM

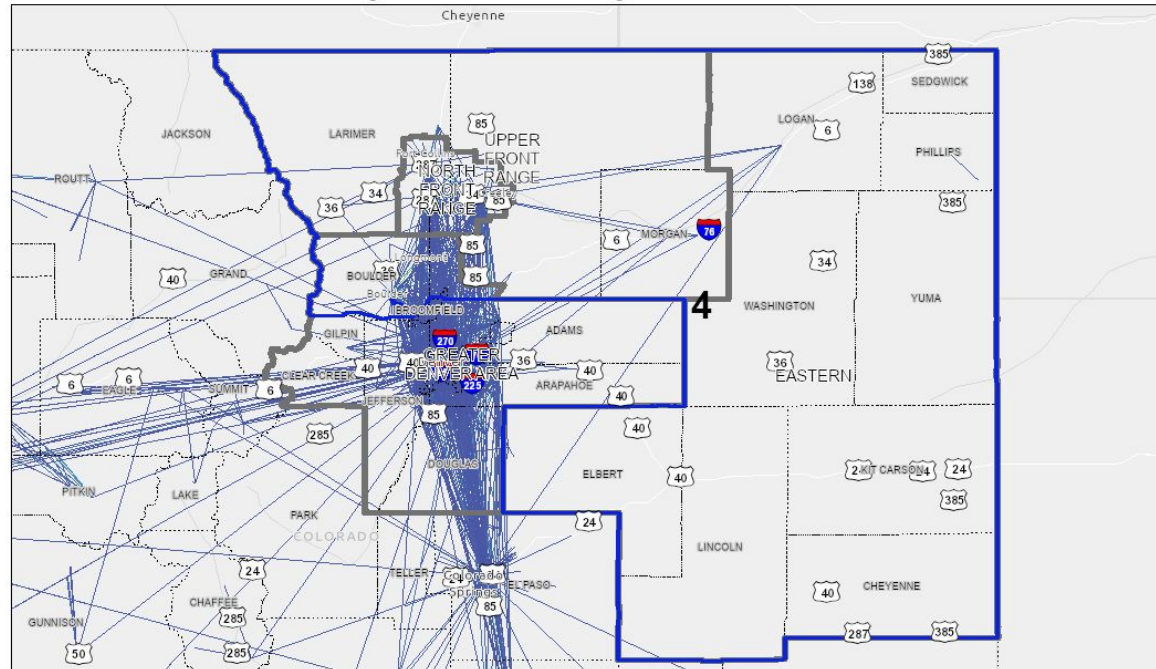
- Highways for Anno
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- Highways: Drivability Life
- MODERATE
- LOW
- HIGH



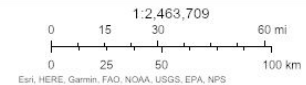


Commuter Origin and Destination

Region 4 Commuter Origin and Destination



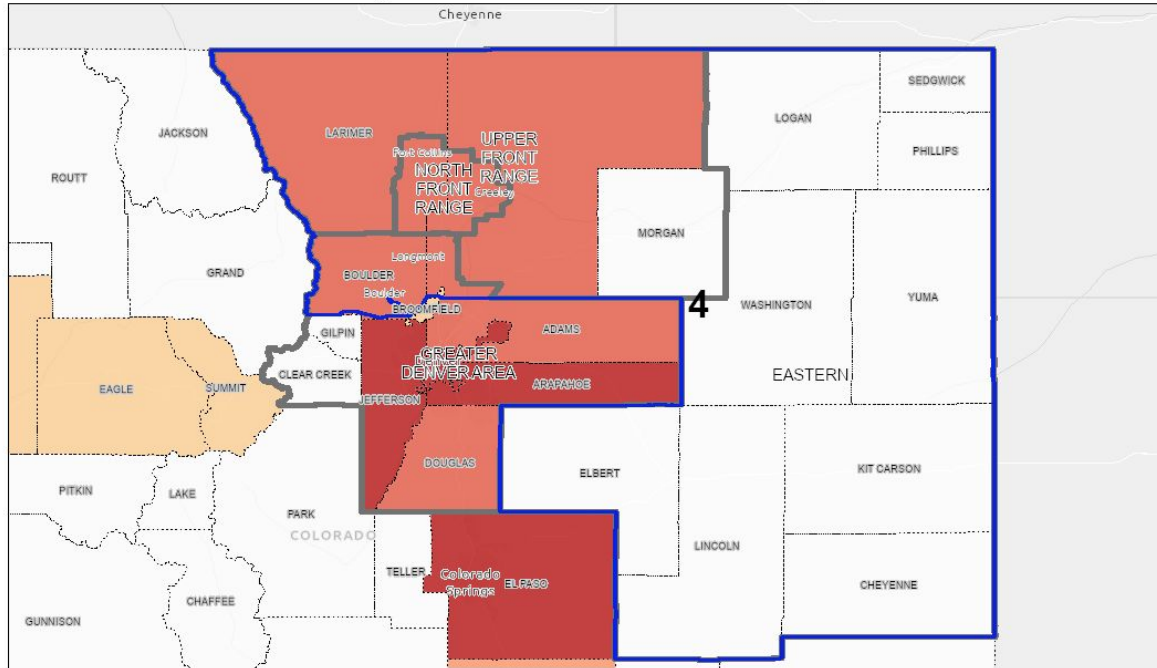
7/28/2023, 12:01:50 PM





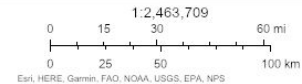
Commuters from Out of County

Region 4 Commuters from Out of County



7/28/2023, 12:03:08 PM

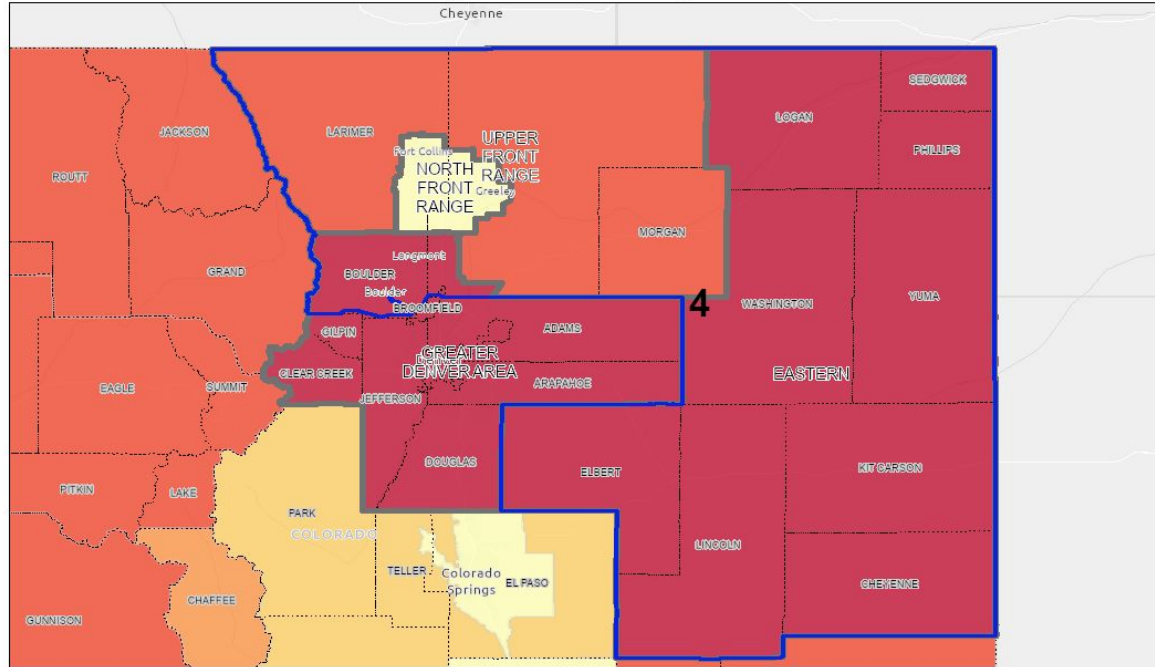
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- County Level Commuters (commuters flowing into the county)**
 - 292 - 13,808
 - > 13,808 - 31,202
 - > 31,202 - 66,836





Lane Miles by TPR

Region 4 Lane Miles by TPR



7/28/2023, 12:04:19 PM

CDOT Engineering Regions

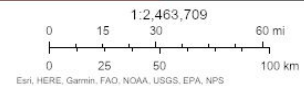
Transportation Planning Regions (TPR)

County Boundaries

Lane Miles per TPR > 1,250 - 1,500

640.7 - 750 > 1,500 - 1,750

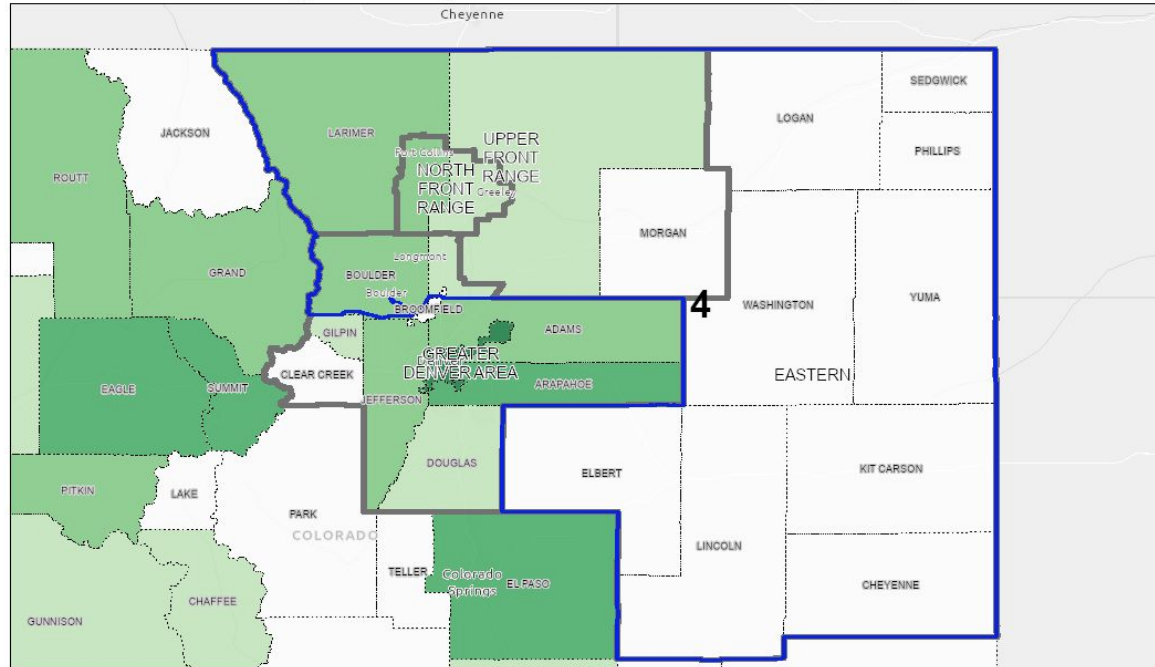
> 750 - 1,250 > 1,750 - 4,433.7





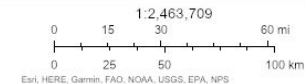
County Level Tourism Direct Travel Spending

Region 4 County Level Tourism Direct Travel Spending



7/28/2023, 12:05:50 PM

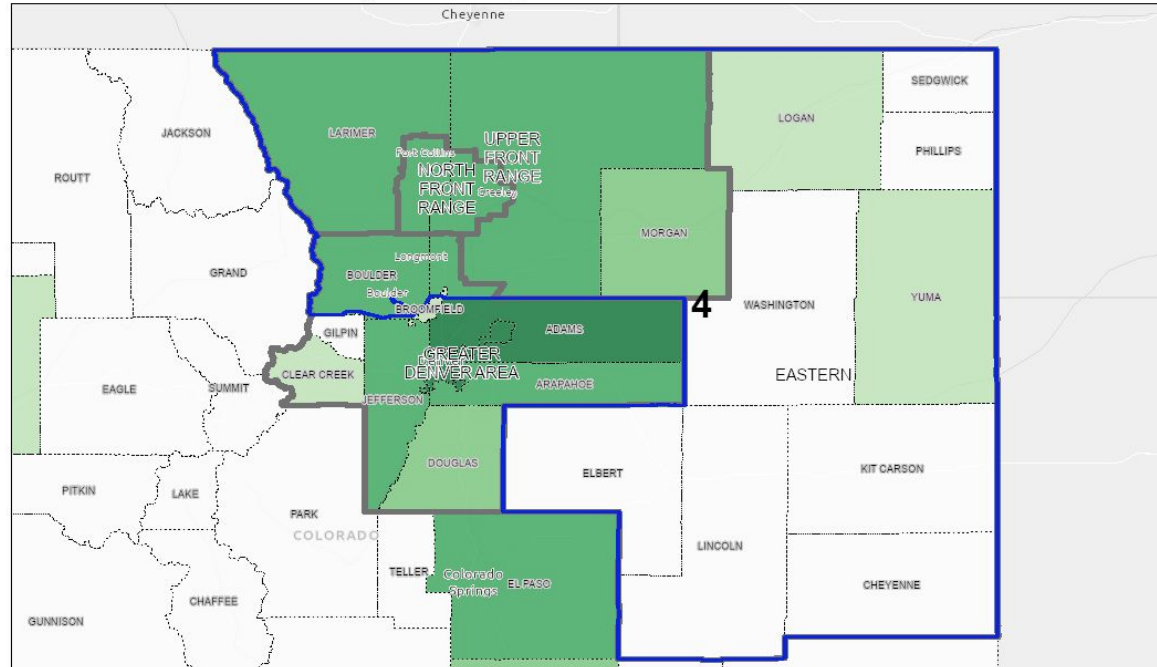
- CDOT Engineering Regions
 - Transportation Planning Regions (TPR)
 - County Boundaries
- County Level Tourism Statistics
- \$1,400,000 - \$153,800,000
 - \$153,800,000 - \$373,300,000
 - \$373,300,000 - \$830,000,000
 - \$830,000,000 - \$1,800,000,000
 - \$1,800,000,000 - \$6,399,999,999





County Level Movement of Goods

Region 4 County Level Movement of Goods

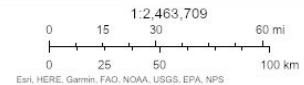


7/28/2023, 12:06:52 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

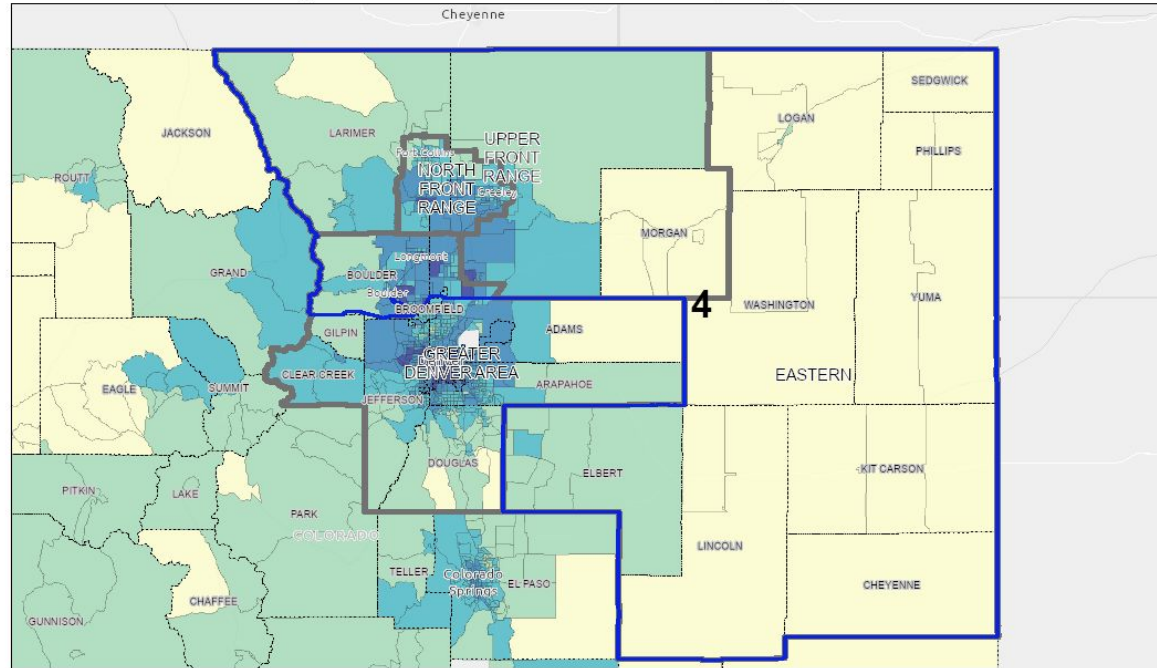
County Boundaries





Levels of Air Pollutants: Air Quality Measures

Region 4 Levels of Air Pollutants: Air Quality Measures



7/28/2023, 12:07:57 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

EnviroScreen Air Quality Measures

17.18 - 30

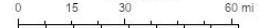
> 30 - 40

> 40 - 50

> 50 - 60

> 60 - 77.22

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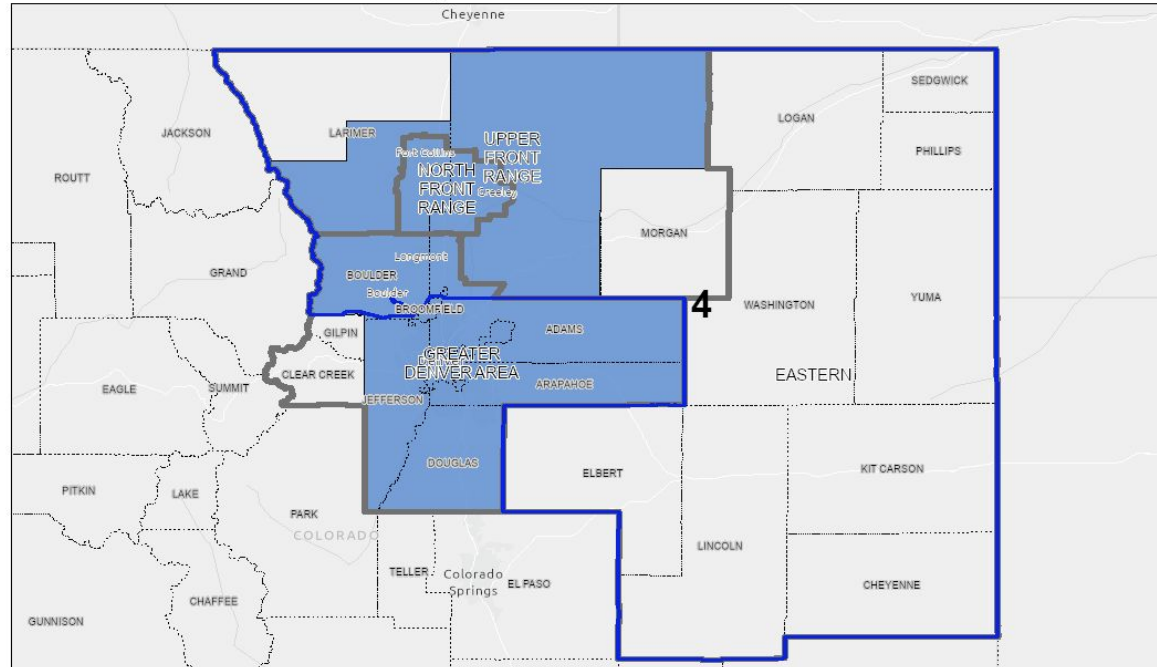


Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS



Ozone Nonattainment

Region 4 Ozone Nonattainment



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- CDOT Engineering Regions
- County Boundaries
- Transportation Planning Regions (TPR)
- Ozone Nonattainment

