



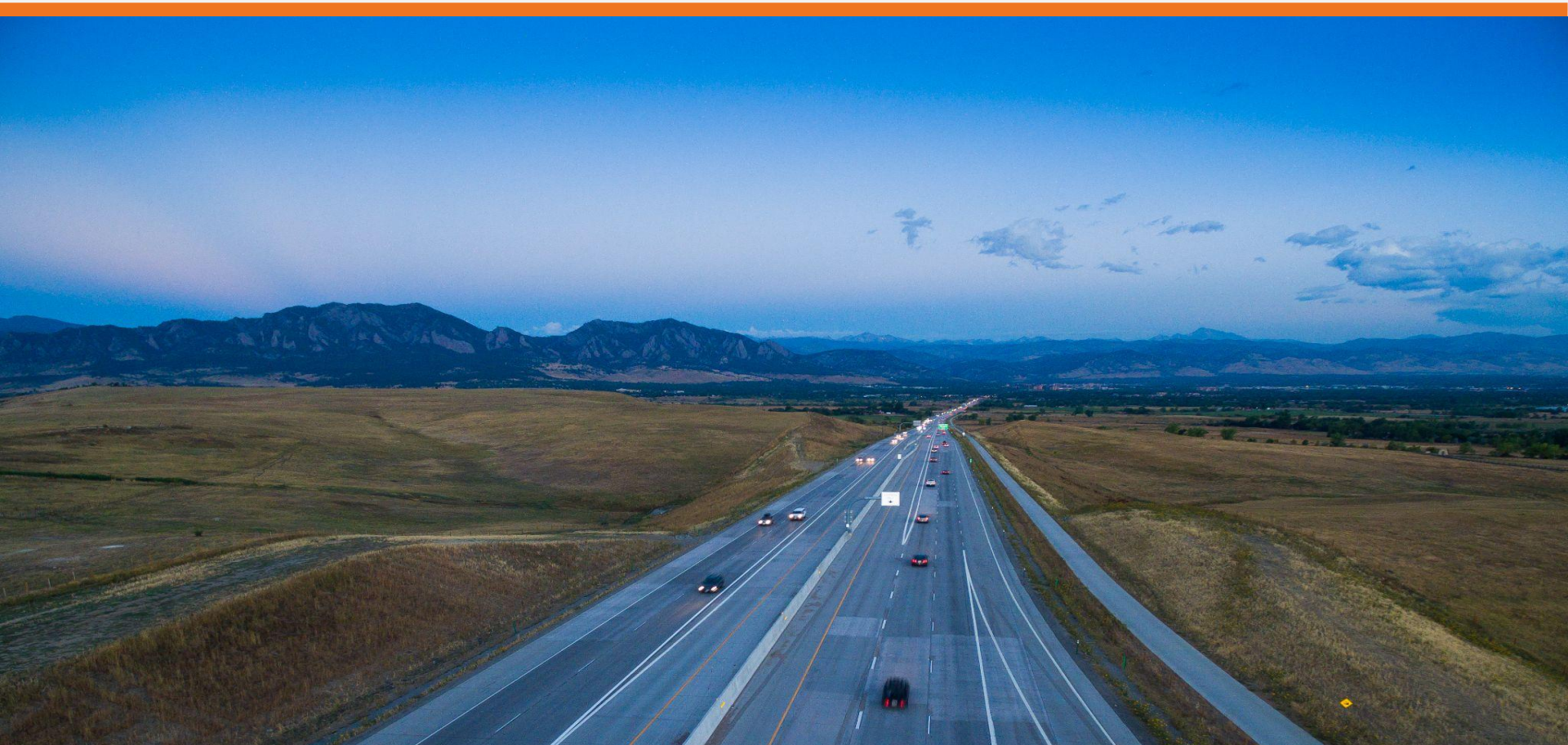
COLORADO
Department of Transportation

HB23-1101 TPR Study

Region 1 Maps
August 2, 2023

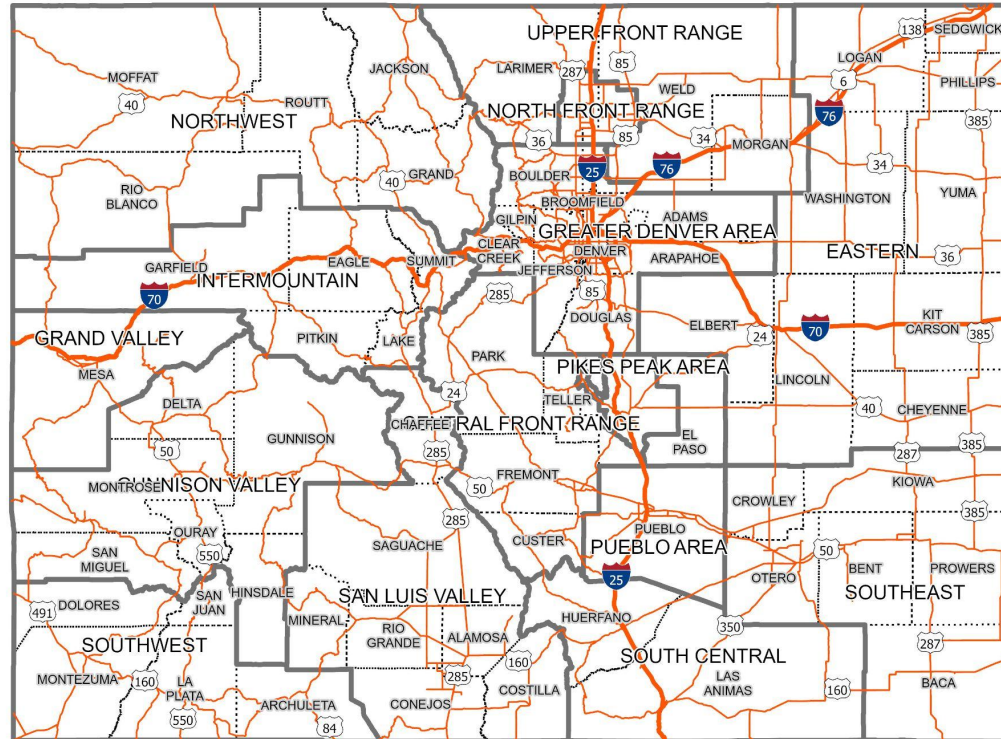


Statewide Maps





Highway Corridors



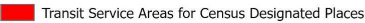


Statutory Requirement: Transit Corridors





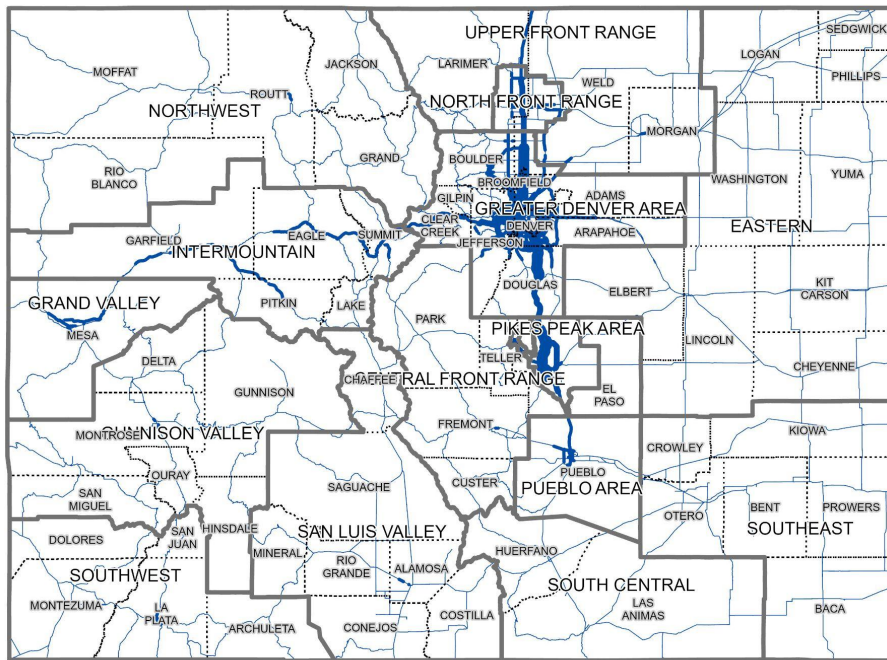
Statutory Requirement: Transit District Boundaries



Source: CDOT 2023. This data is highly generalized and is only to be used for display purposes

TPR Boundary Analysis - Vehicle Miles Travelled

Statutory Requirement: Vehicle Miles Travelled



0 30 Miles

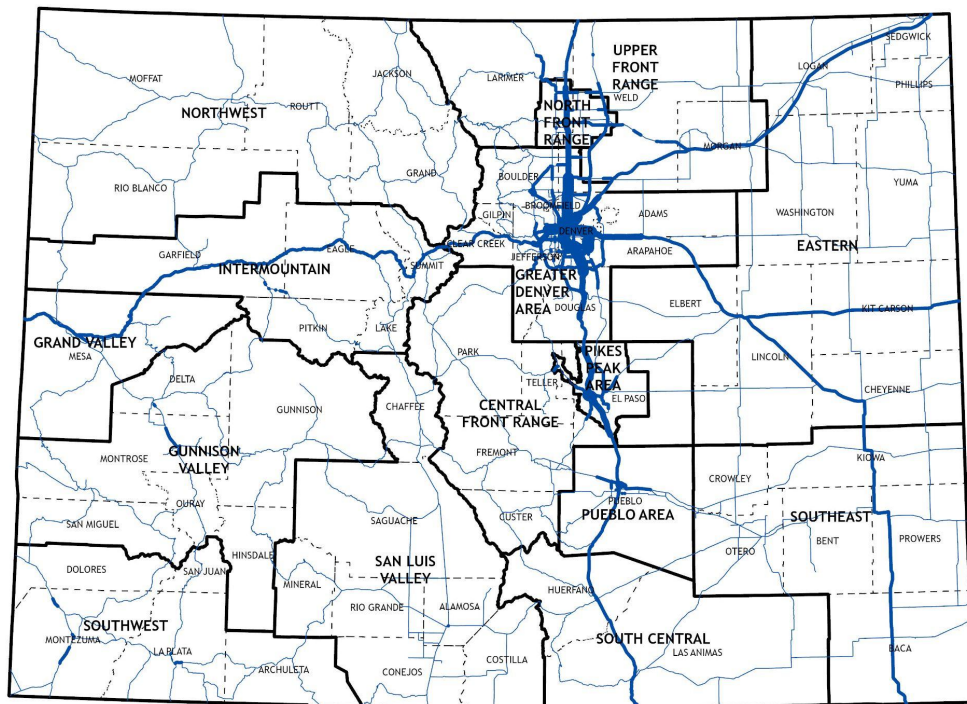
0-2000 2000-5000 5000-10000 >10000

Source: CDOT 2021

Truck Vehicle Miles Traveled

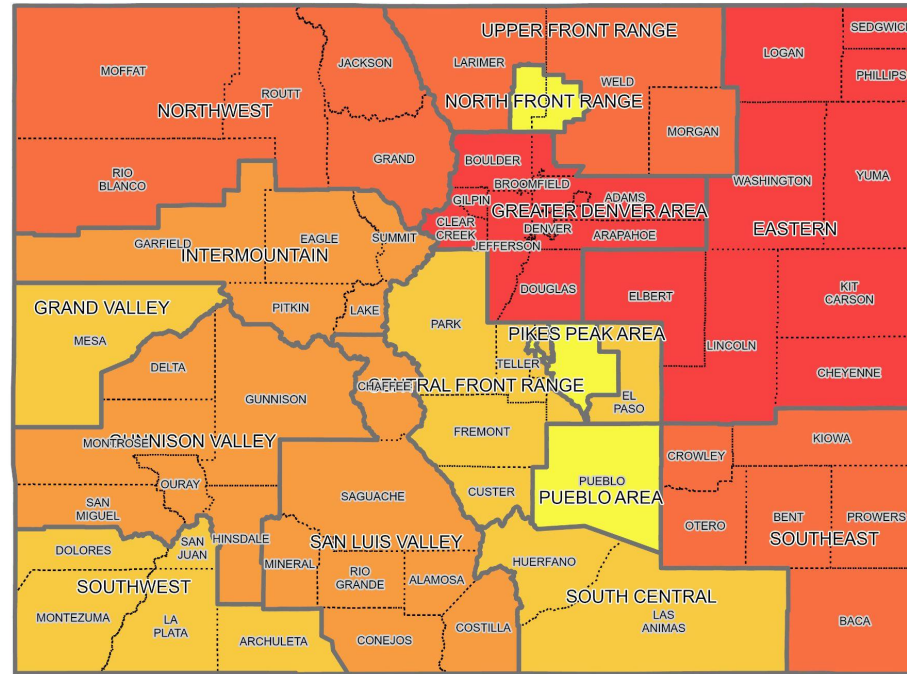
TPR Boundary Analysis - Truck Vehicle Miles Travelled

Statutory Requirement: Truck Vehicle Miles Travelled



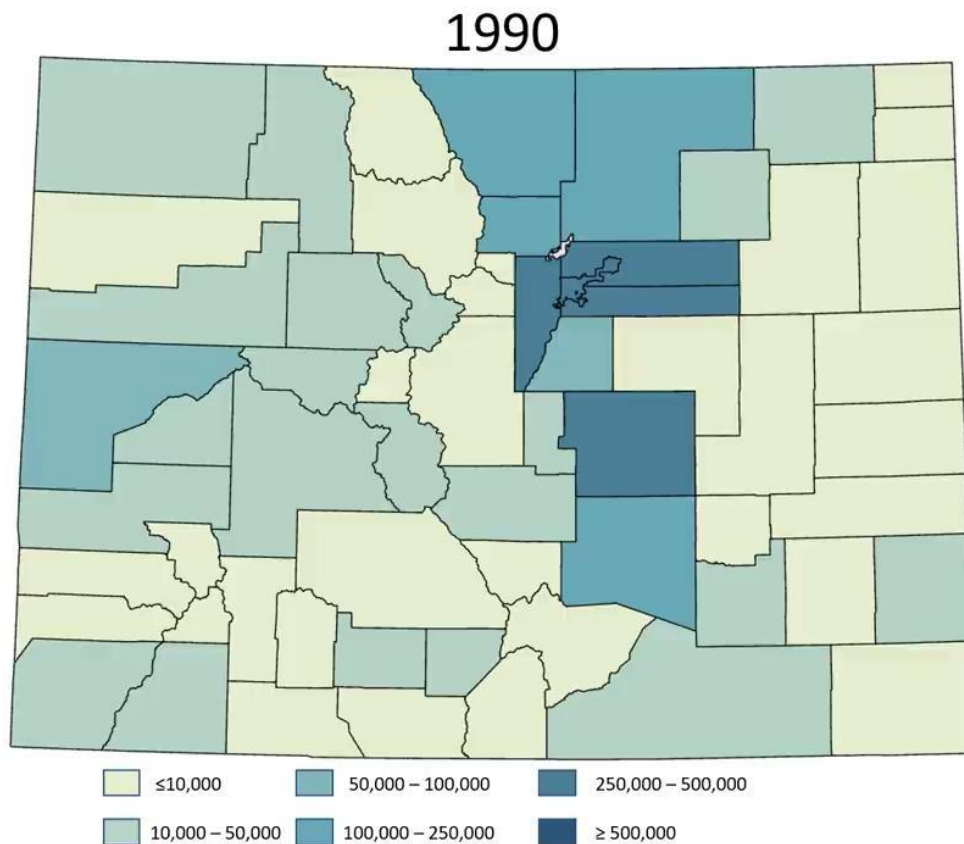
TPR Boundary Analysis - Lane Miles by TPR

Statutory Requirement: Lane Miles





Visualization of Population Change by County

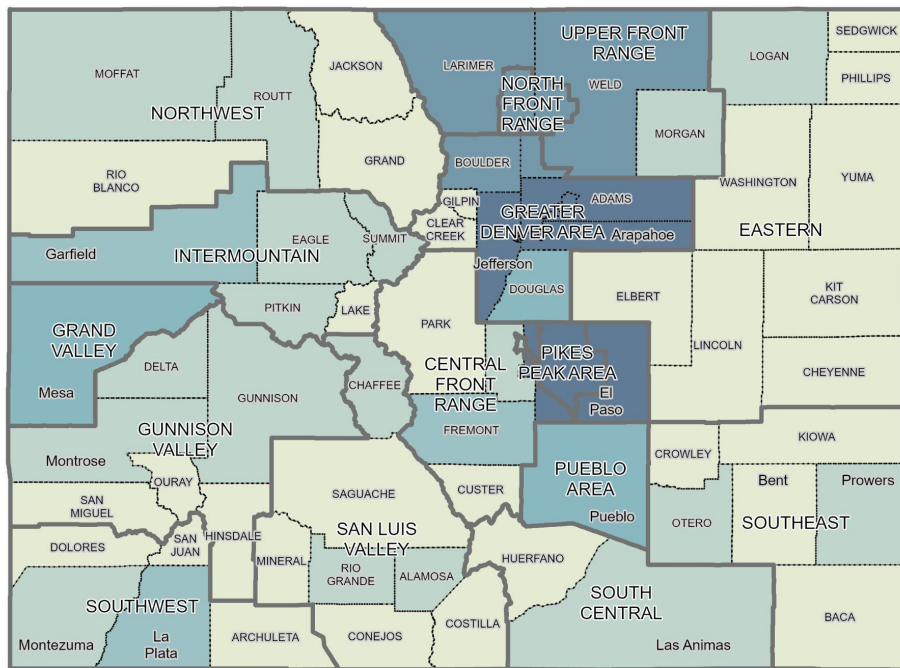




1990 Population by County

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

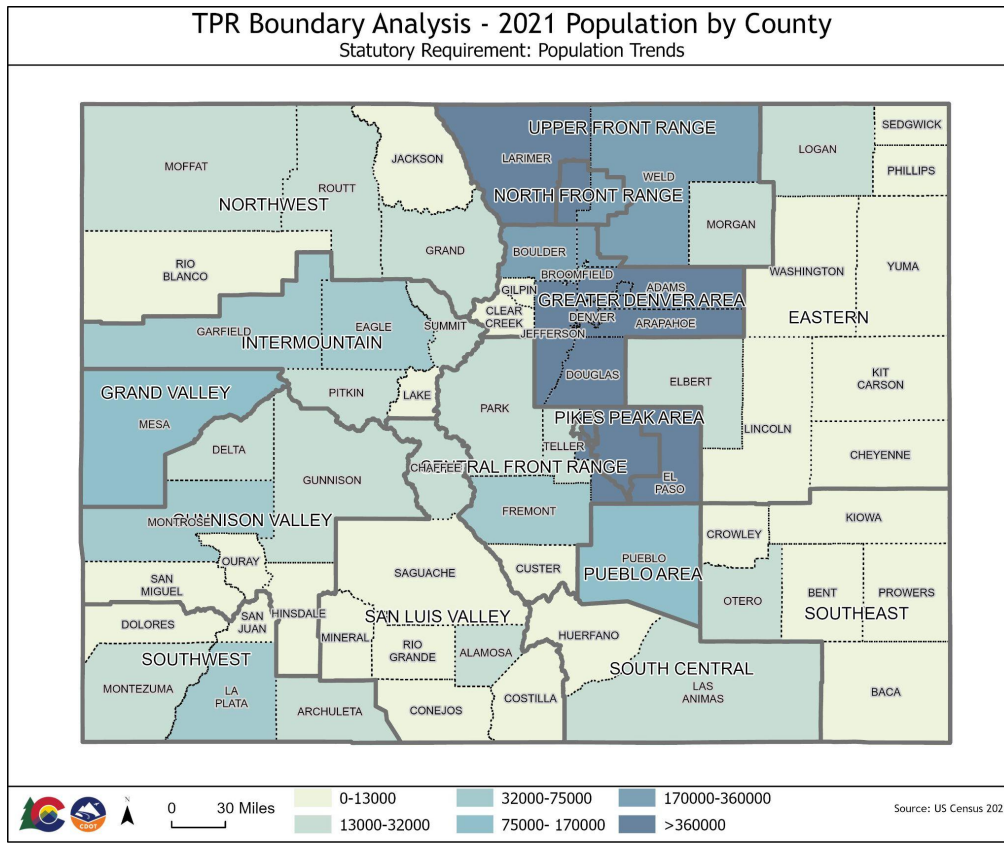
60,001 - 130,000

130,001 - 265,000

265,001 - 467,610

Source: US Census
1990

2021 Population by County

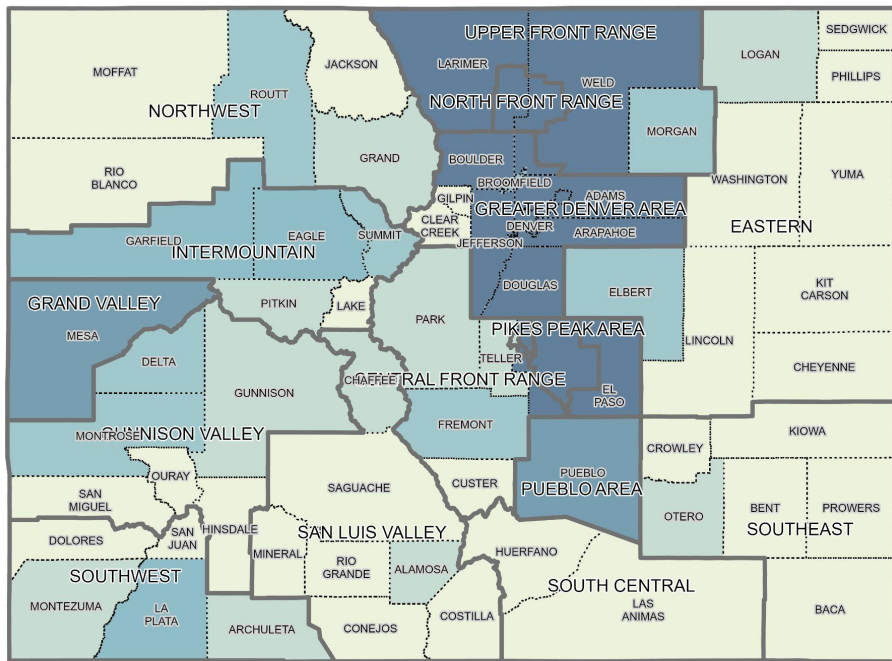




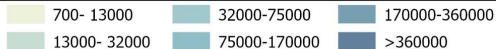
2050 County Population Projection

TPR Boundary Analysis - 2050 County Population Projection

Statutory Requirement: Population Trends

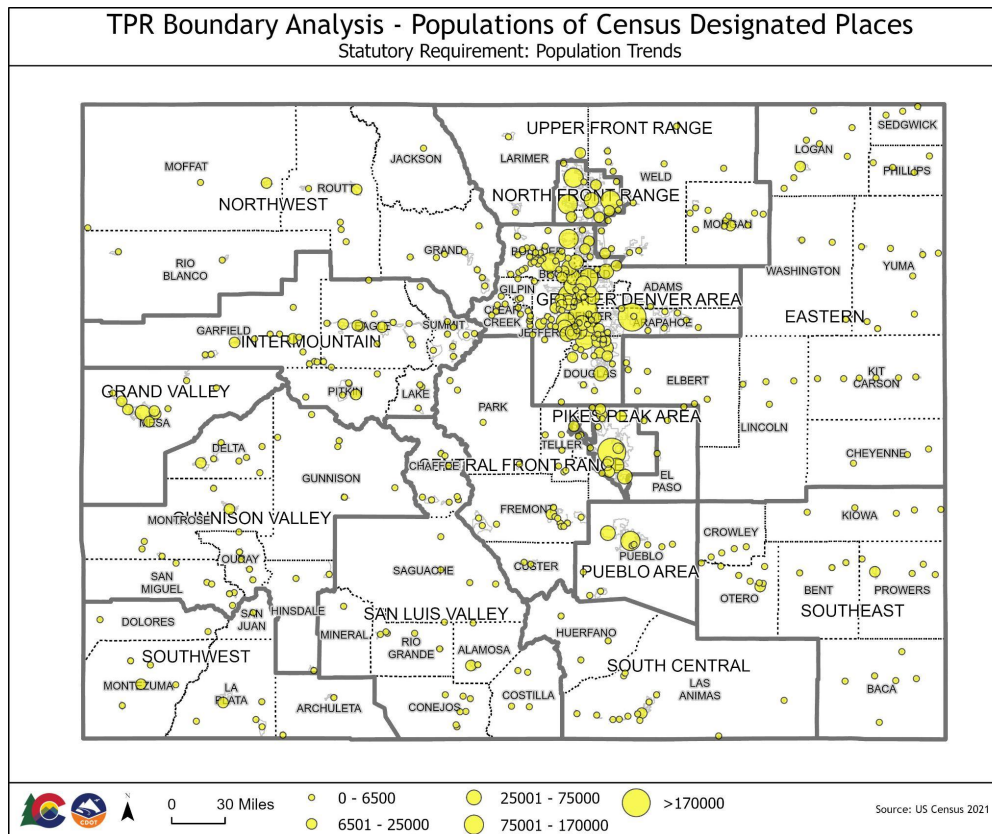


0 30 Miles



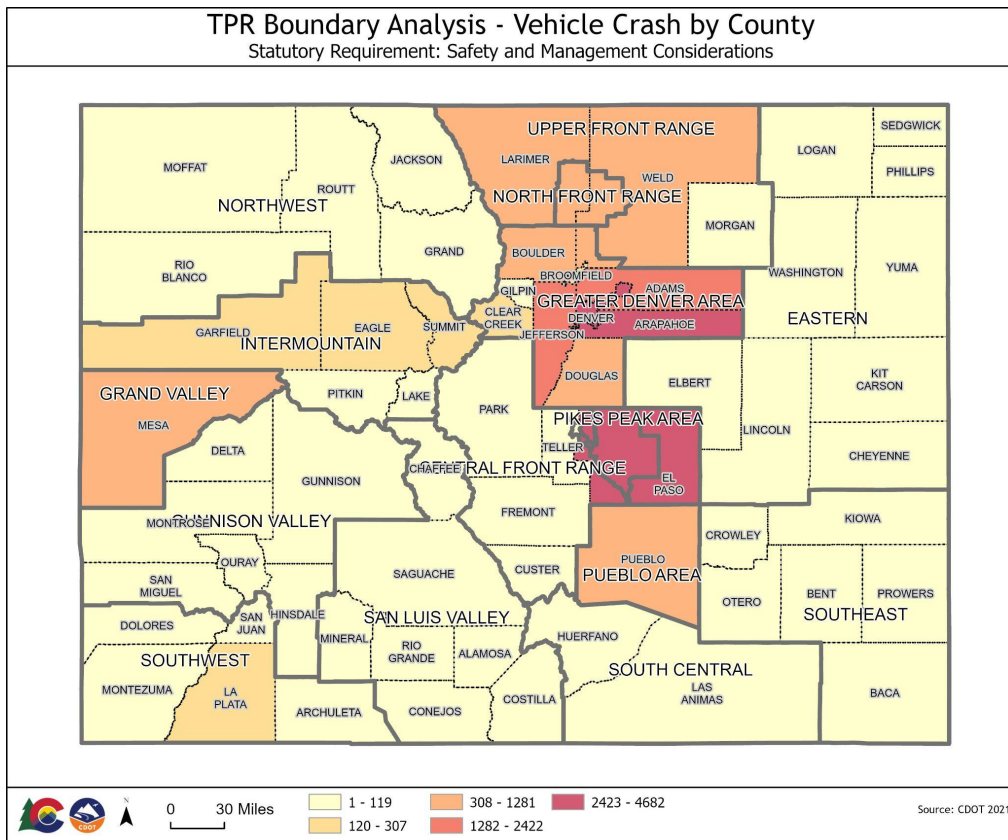
Source: DOLA 2020

Populations of Census Designated Places



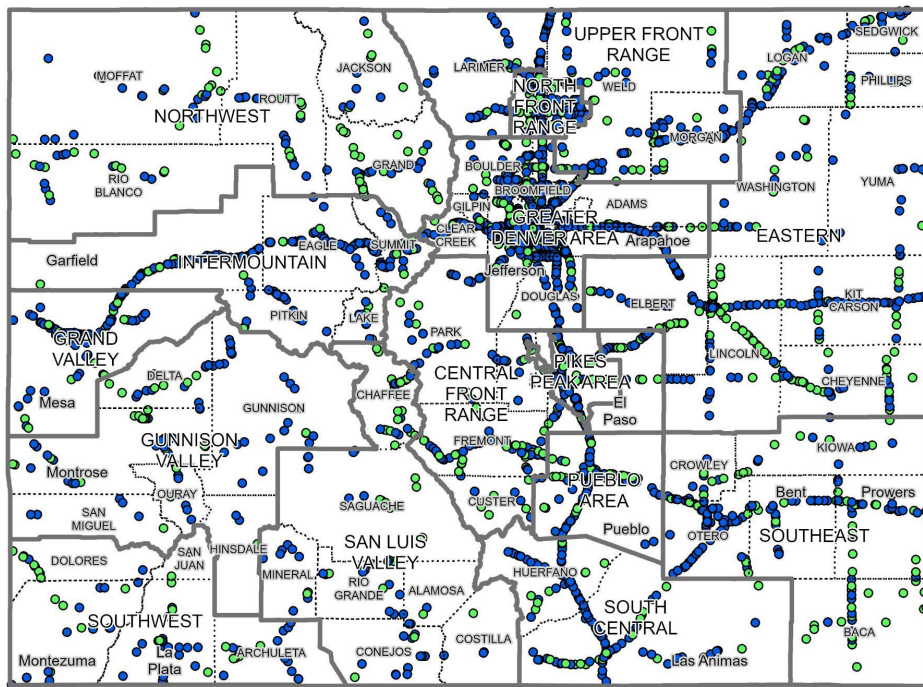


Vehicle Crashes by County



TPR Boundary Analysis - Bridges and Major Culverts

Statutory Requirement: Safety and Management Considerations





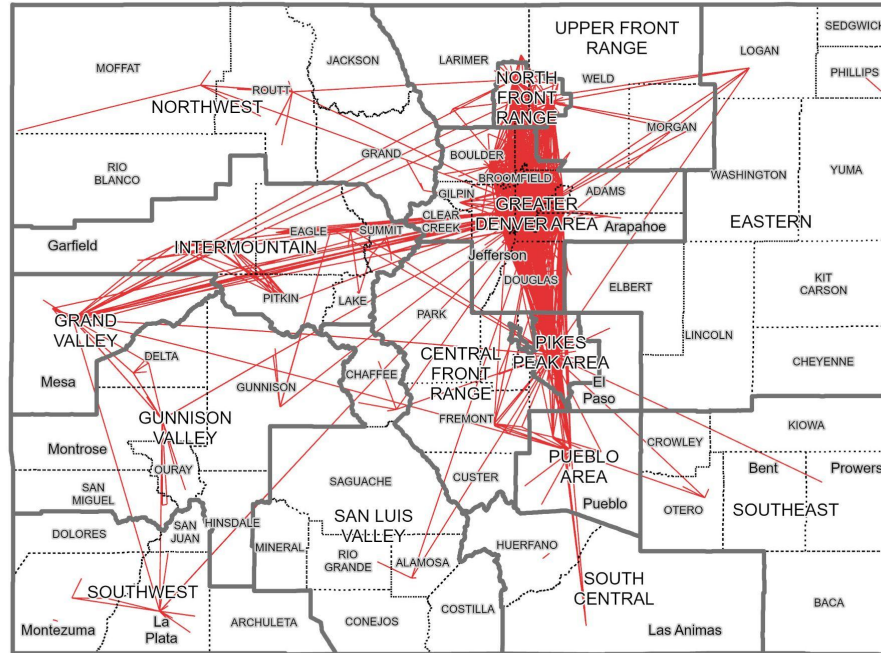
Statutory Requirement: Safety and Management Considerations



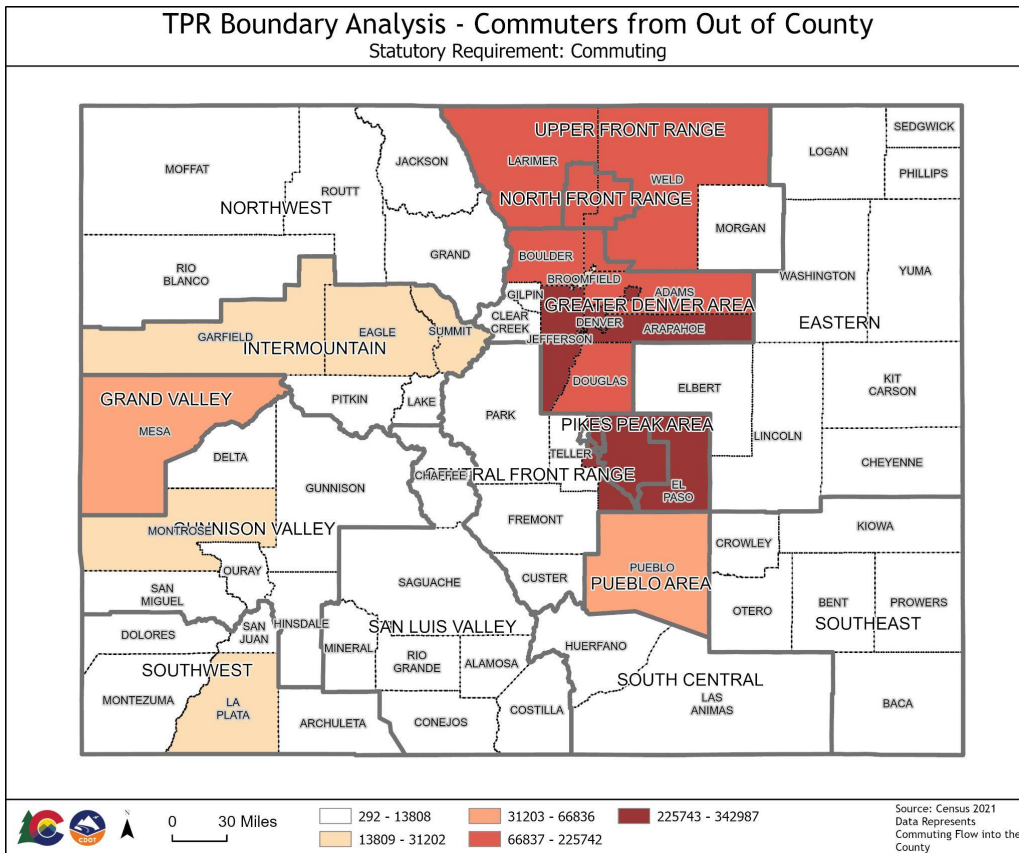
Source: CDOT 2021

Commuter Origin and Destination

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



Commuters from Out of County

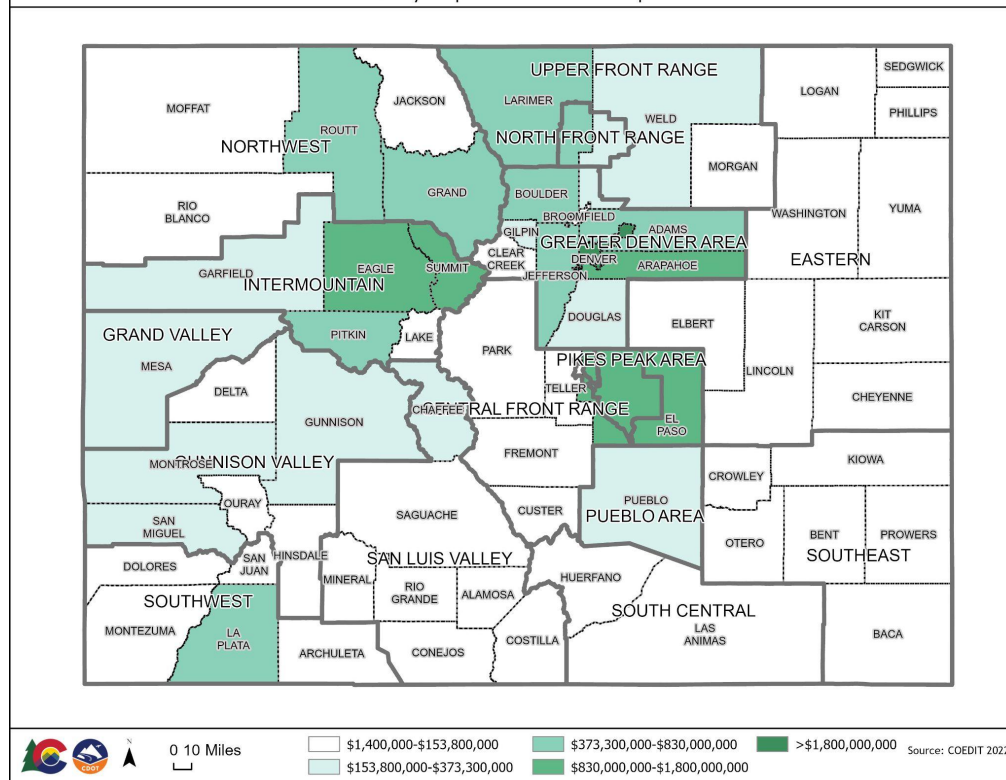




County Level Tourism Direct Travel Spending

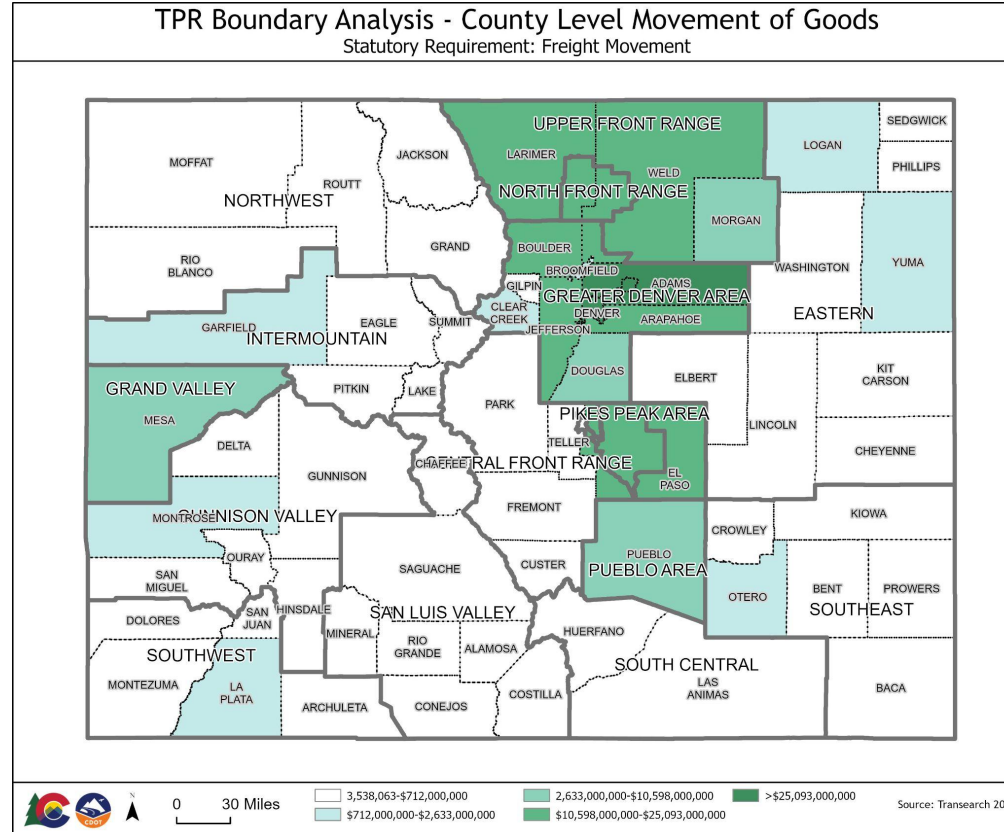
TPR Boundary Analysis - County Level Tourism Statistics (Direct Travel Spending)

Statutory Requirement: Tourism Impacts



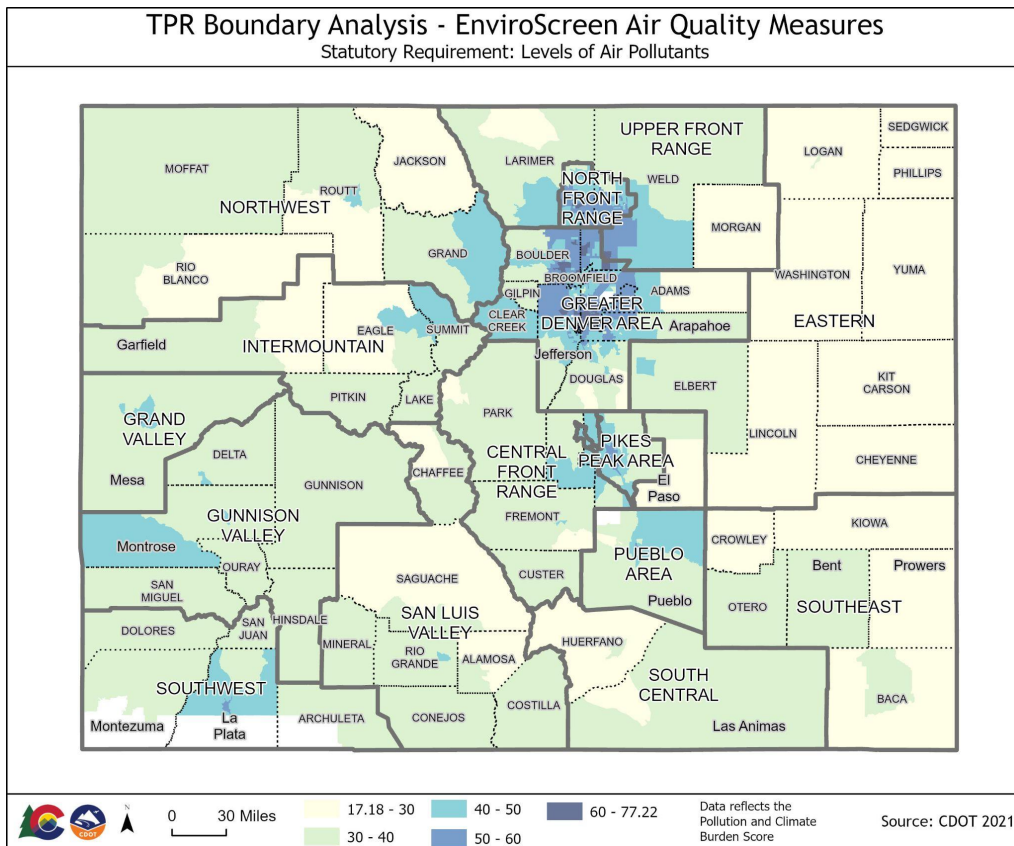


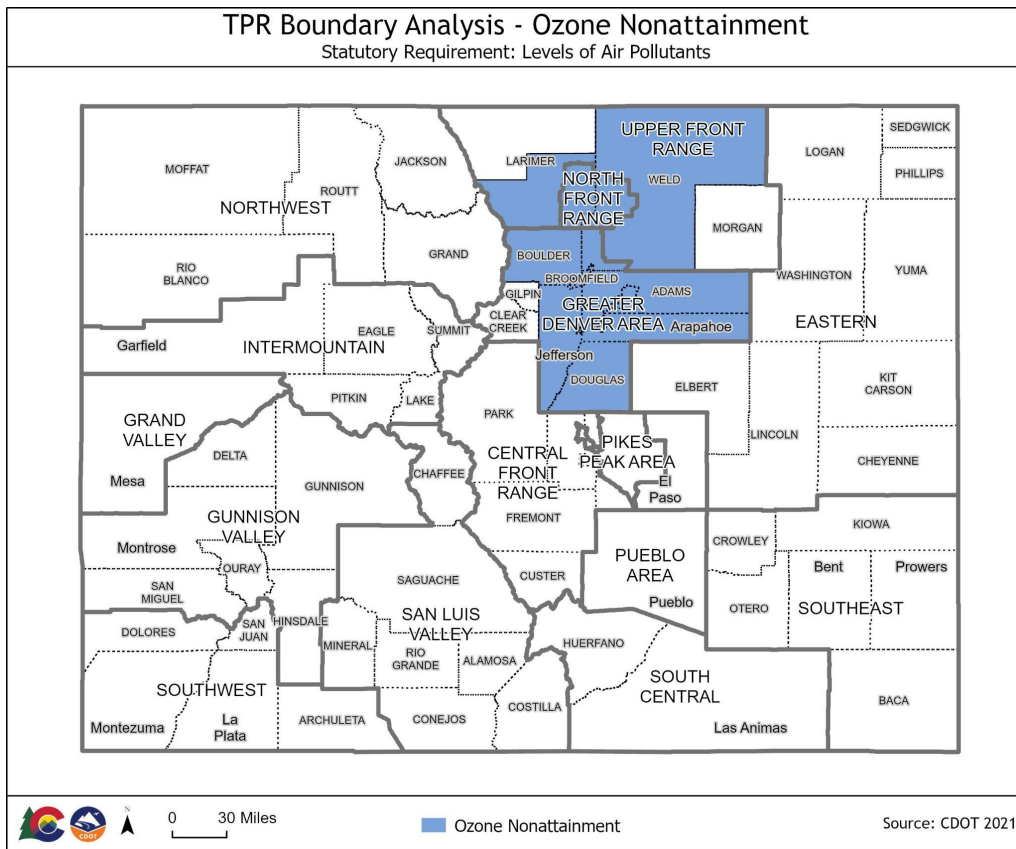
County Level Movement of Goods





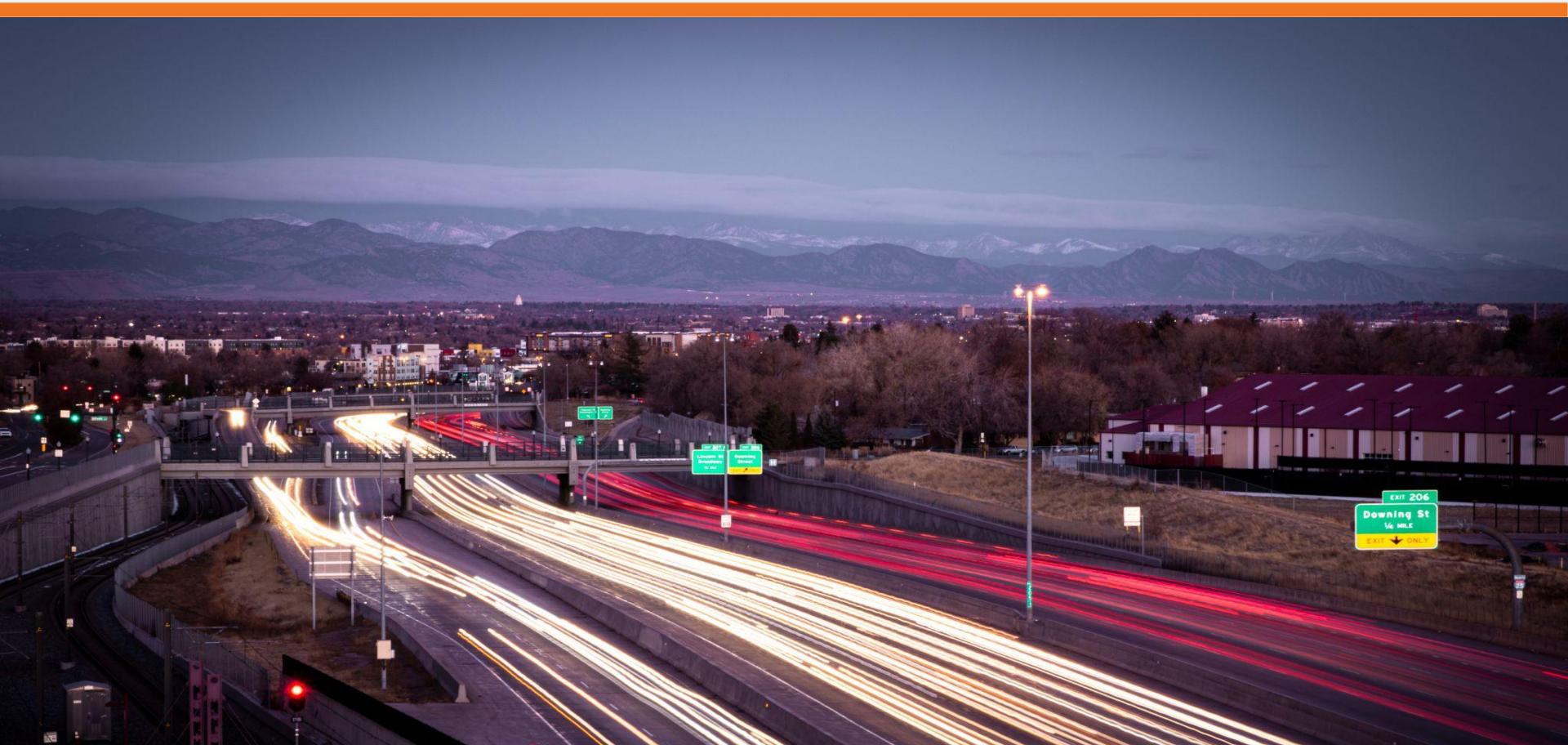
Levels of Air Pollutants: Air Quality Measures



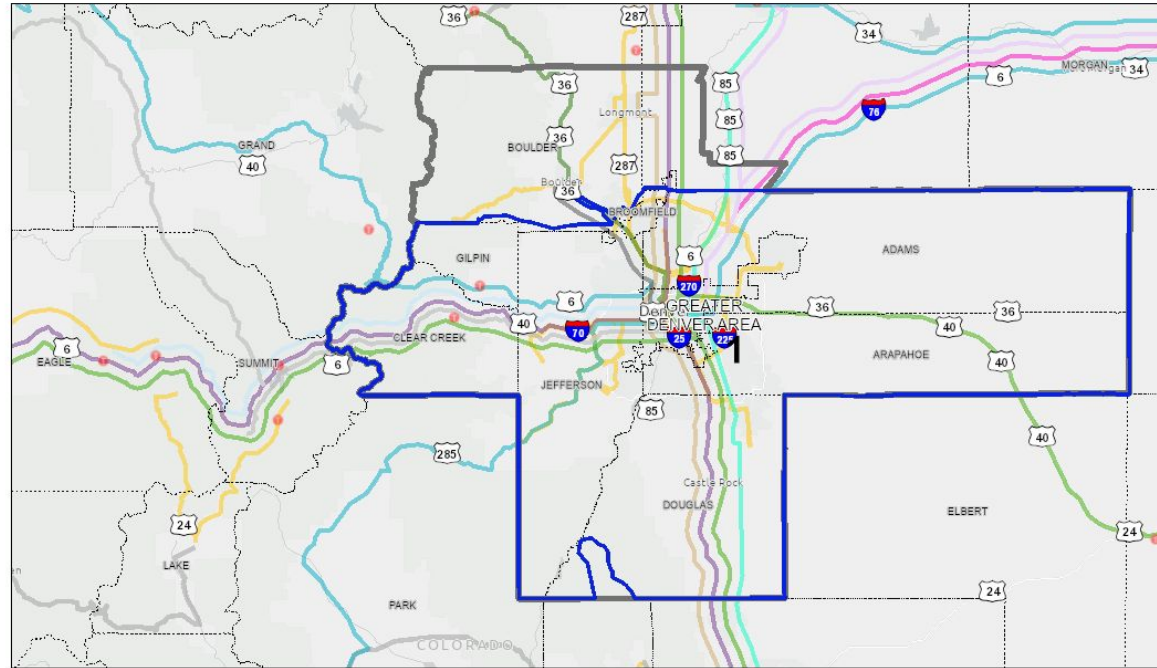




Region Specific TPR Maps

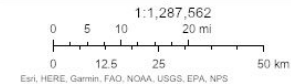


Region 1 Transit Corridors



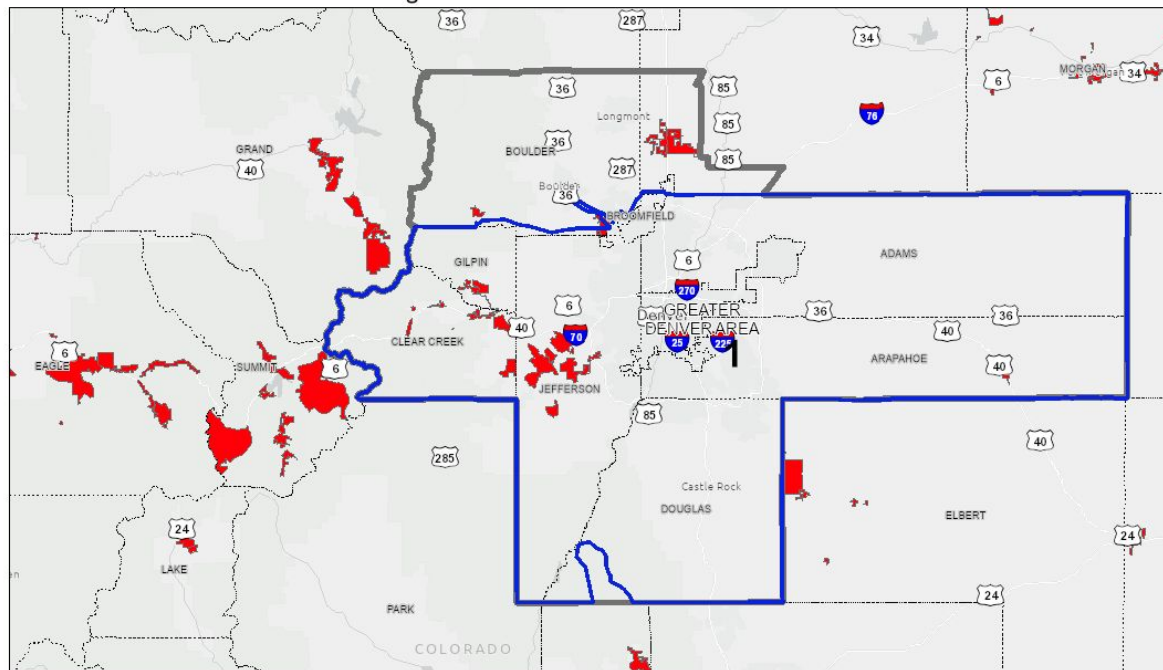
8/1/2023, 4:04:15 PM

- Highways for Arno
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- Local Transit Systems
- Bus Rapid Transit
- Flatiron Flyer: Denver to Boulder
- Intercity Bus Routes
- Burlington Trailways
- El Paso-Los Angeles Limousine Express
- Express Arrow



Transit District Boundaries

Region 1 Transit District Boundaries



8/1/2023, 4:06:01 PM

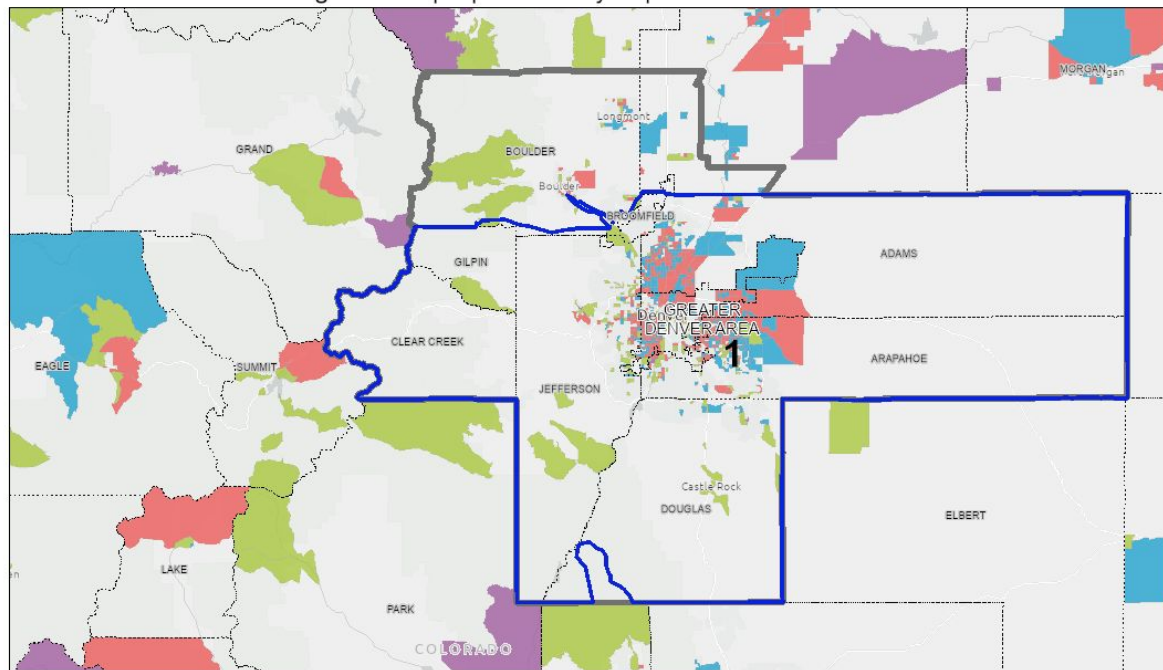
- Highways for Anno
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- Transit Service Areas for Census Designated Places





Disproportionately Impacted Communities

Region 1 Disproportionately Impacted Communities



8/1/2023, 4:07:29 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Disproportionately Impacted Communities

More than one category

People of Color

Housing Burden

Low Income

1:1,287,562

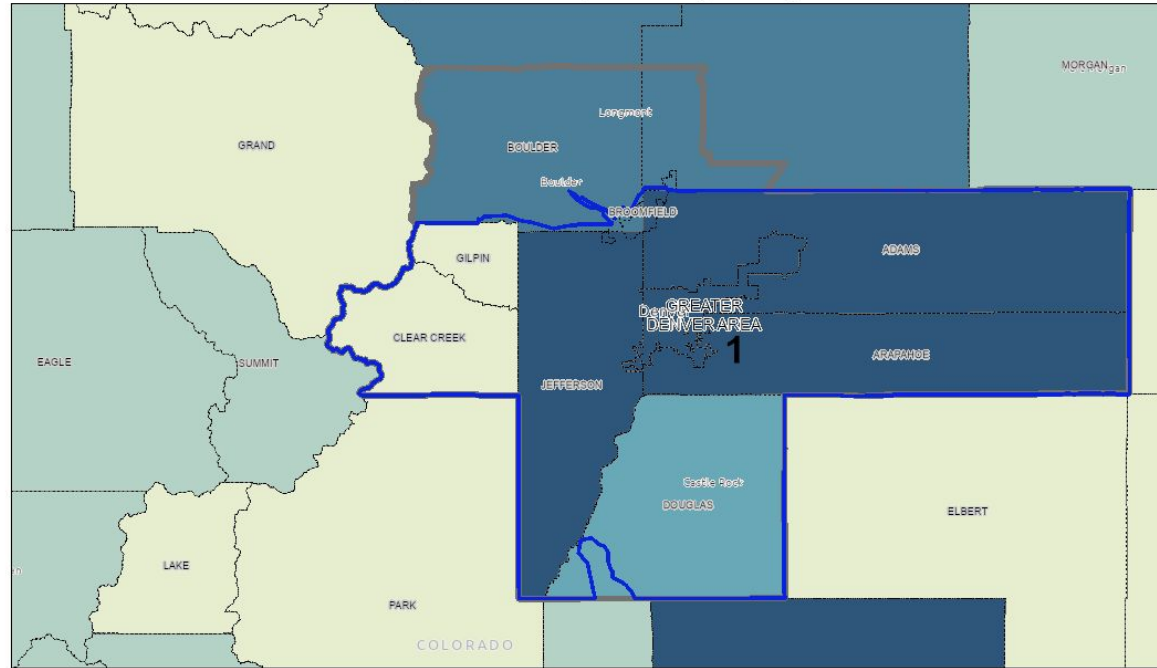
0 5 10 20 mi
0 12.5 25 50 km

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



1990 Population by County

Region 1 1990 Population by County



8/1/2023, 4:14:44 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Census 1990

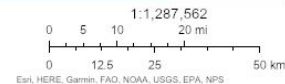
467 - 10,000

> 10,000 - 25,000

> 60,000 - 130,000

> 130,000 - 265,000

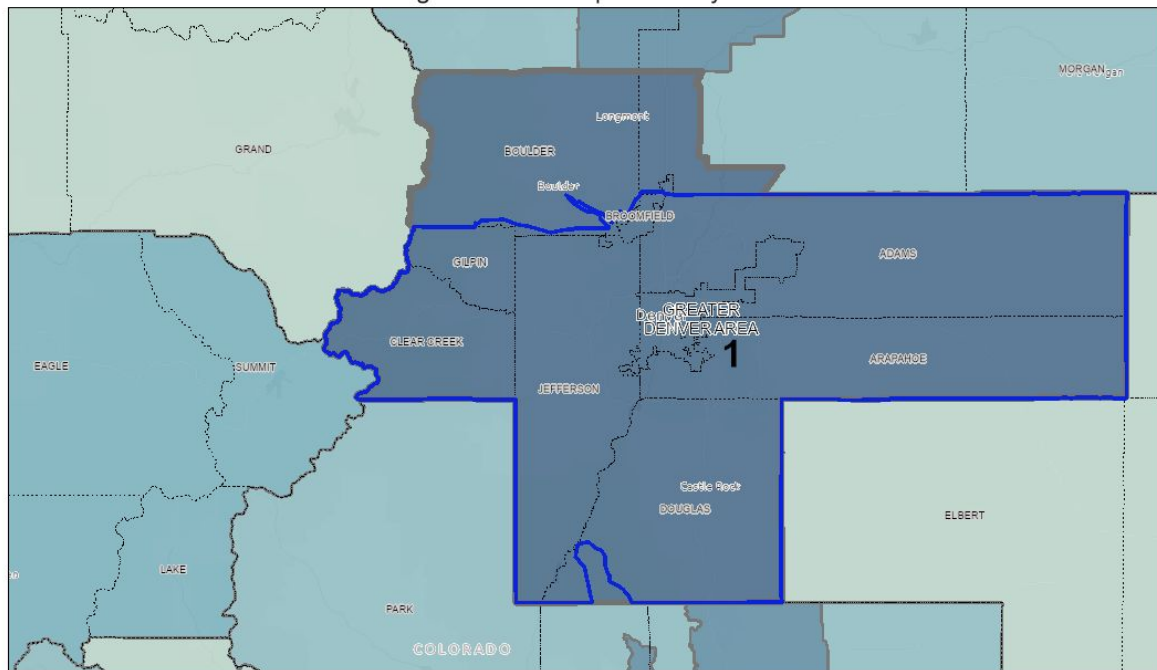
> 265,000 - 467,610





2021 Population by TPR

Region 1 2021 Population by TPR



8/1/2023, 4:16:19 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

2021 Population by TPR

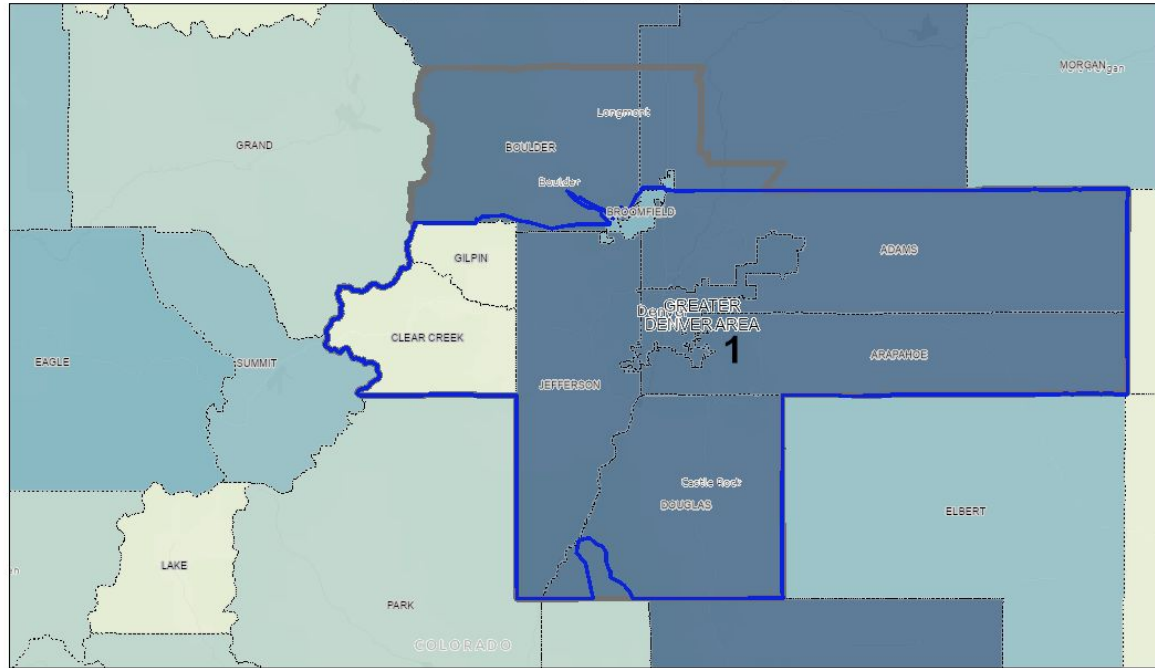
> 47,443 – 83,788	> 173,984 – 3,299,015
> 83,788 – 110,632	> 110,632 – 172,844
> 172,844 – 713,984	





2050 Population by County

Region 1 2050 Population by County



8/1/2023, 4:17:38 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

2050 Population Projections By County

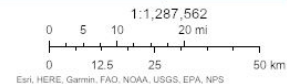
700,021 - 13,000

> 13,000 - 32,000

> 32,000 - 75,000

> 75,000 - 170,000

> 360,000 - 1,004,027

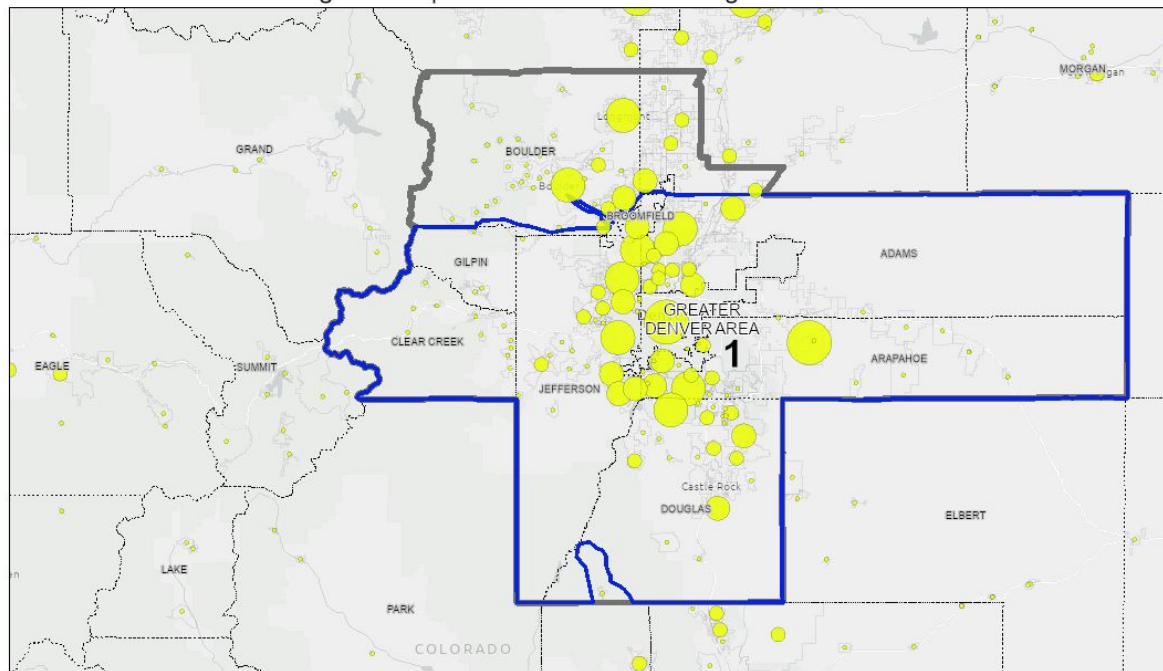


Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS



Populations of Census Designated Areas

Region 1 Populations of Census Designated Areas



8/1/2023, 4:19:17 PM

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

Census Designated Place Population Estimates

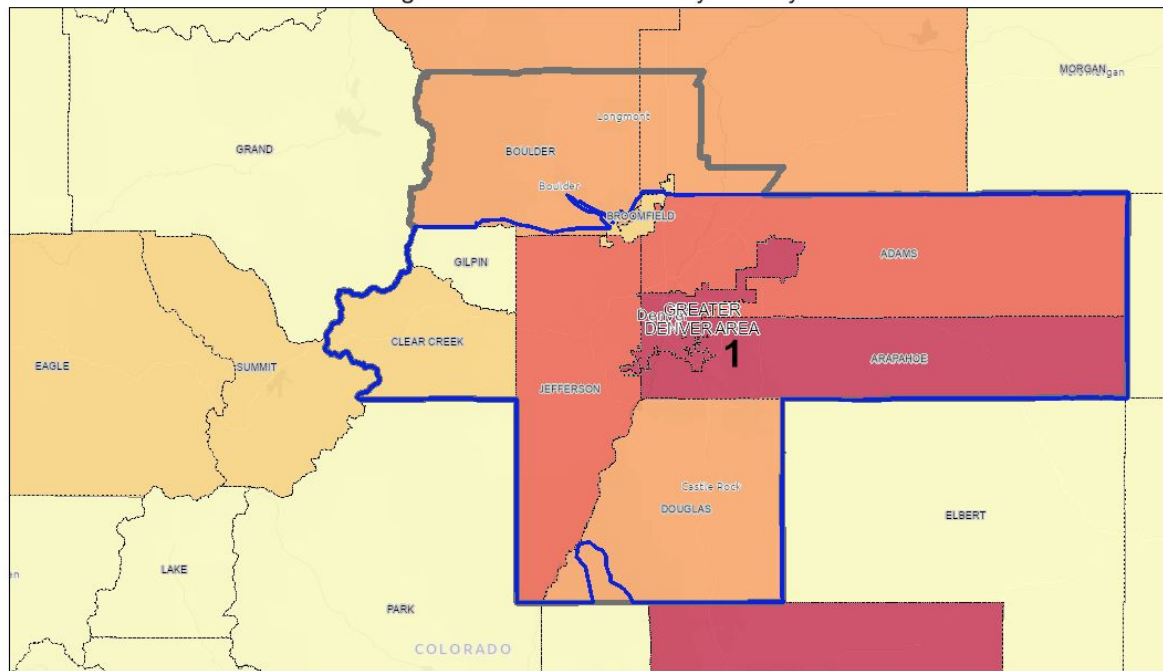
- 0 - 6,500
- > 6,500 - 25,000
- > 25,000 - 75,000
- > 75,000 - 170,000
- > 170,000 - 706,799

1:1,287,562
0 5 10 20 mi
0 12.5 25 50 km
Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS



Vehicle Crashes by County

Region 1 Vehicle Crashes by County



8/1/2023, 4:46:03 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Vehicle Crashes by County

1 - 119
 120 - 307

308 - 1281

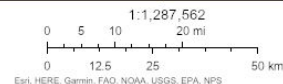
1282 - 2422
 2423 - 4682

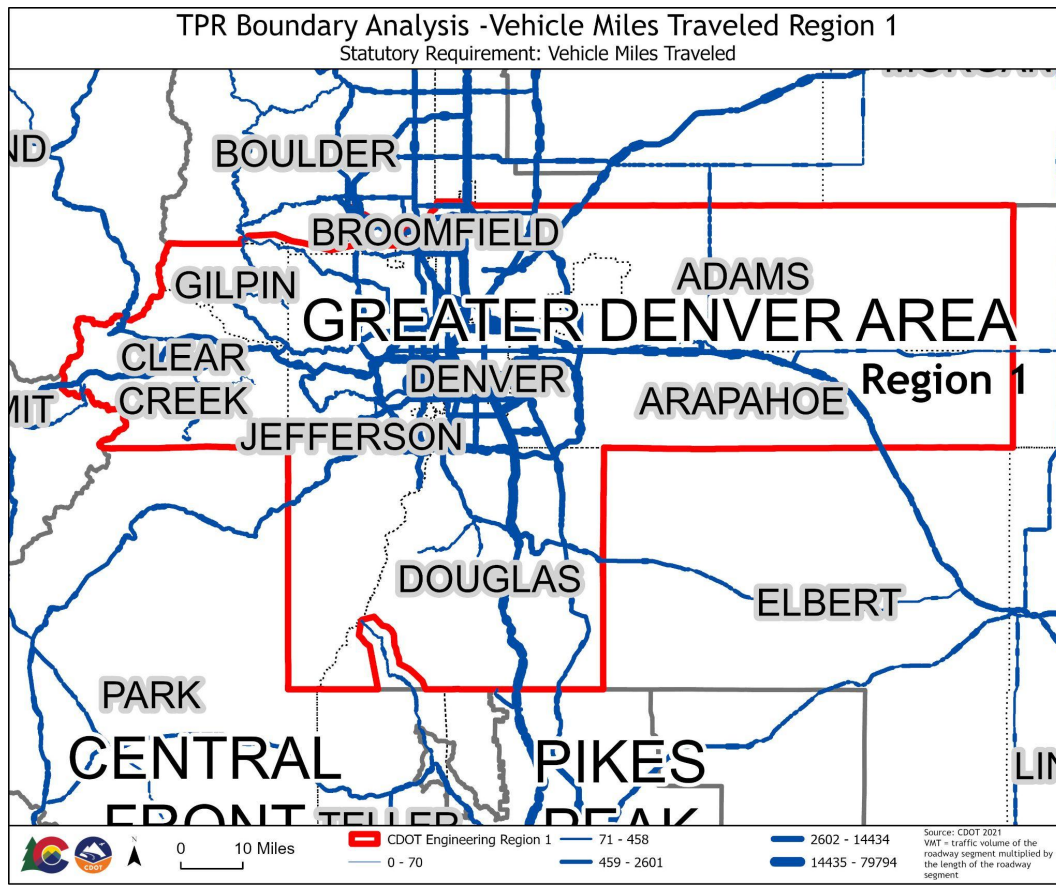




Map of the Denver Metropolitan Area showing the 10-county region highlighted in red. The highlighted counties are Boulder, Broomfield, Gilpin, Clear Creek, Jefferson, Adams, Arapahoe, and Douglas. The number 1 is placed in the center of the highlighted area. Surrounding counties include Grand, Morgan, Eagle, Summit, Lake, Park, and Elbert. The map is labeled "GREATER DENVER AREA" and "1".

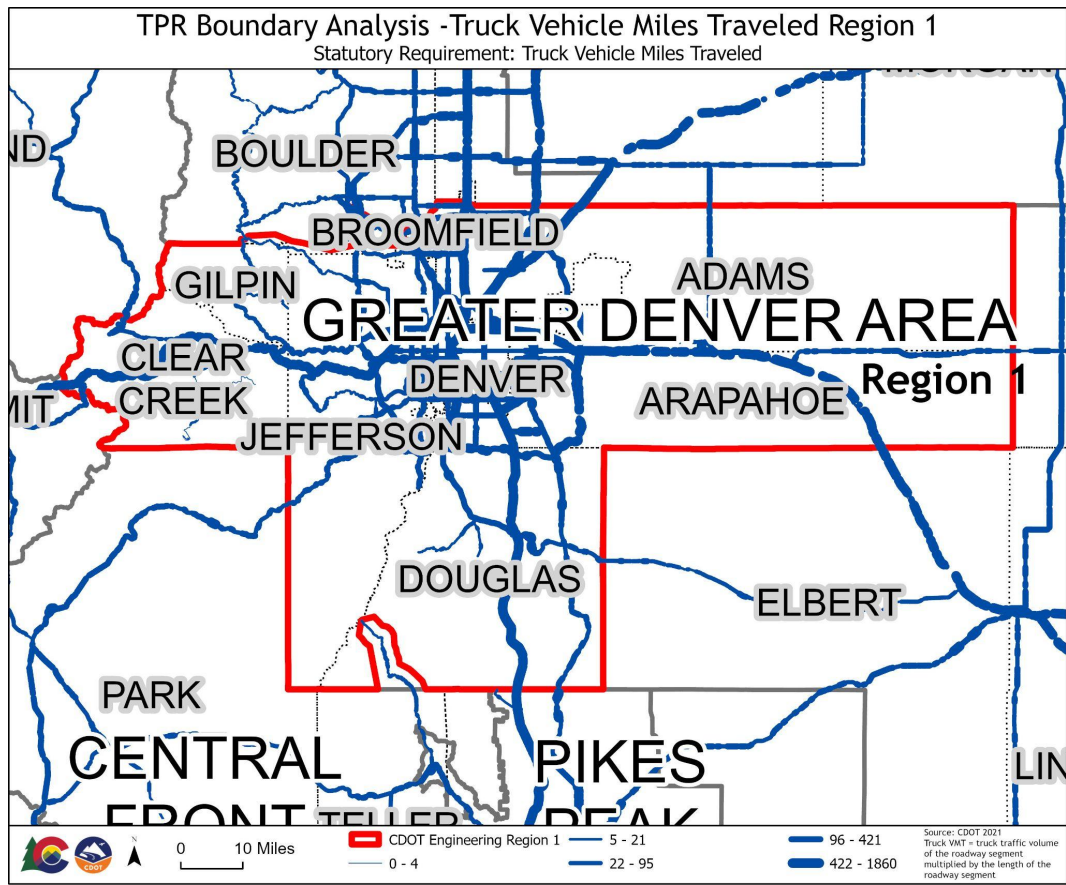
 1615 - 8309







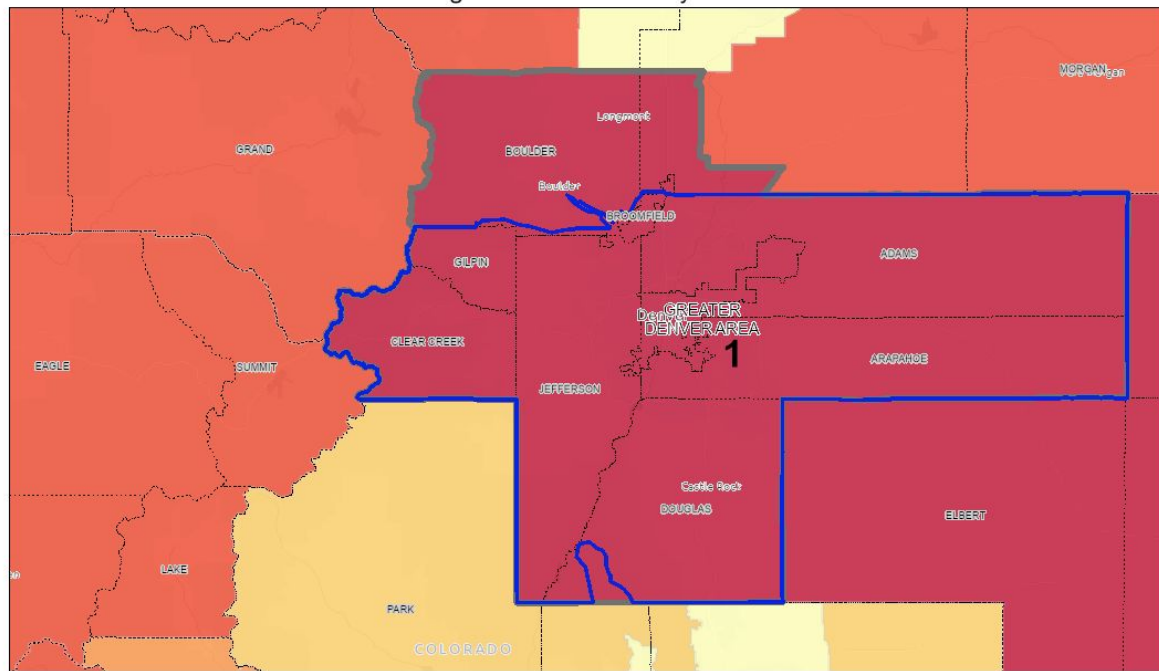
Truck Vehicle Miles Traveled





Lane Miles by TPR

Region 1 Lane Miles by TPR



8/1/2023, 4:50:11 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Lane Miles per TPR

640.7 - 750

> 750 - 1,250

> 1,250 - 1,500

> 1,500 - 1,750

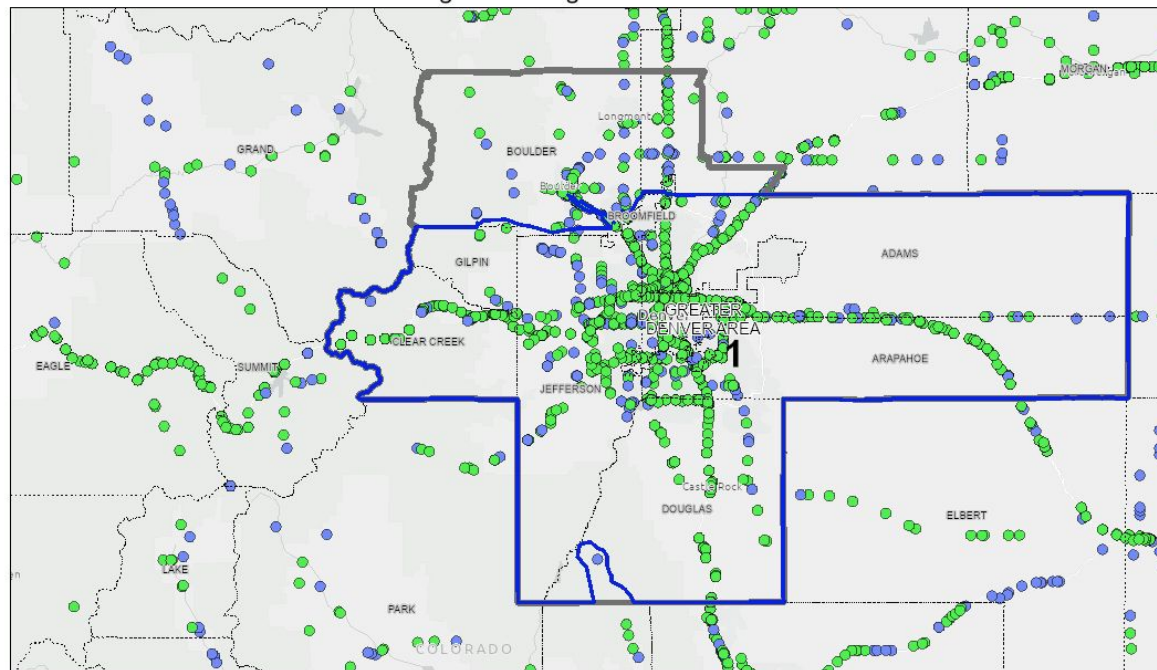
> 1,750 - 4,433.7





Bridges and Culverts

Region 1 Bridges and Culverts



8/1/2023, 4:51:09 PM

CDOT Engineering Regions

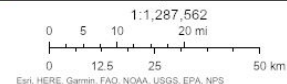
Transportation Planning Regions (TPR)

County Boundaries

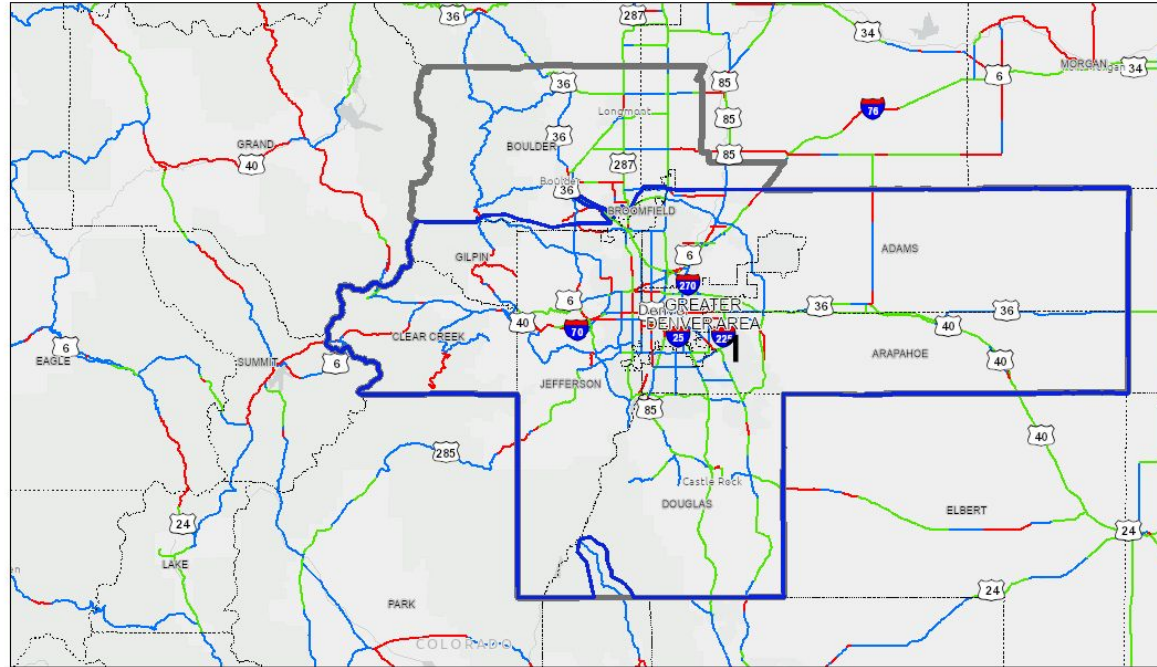
Bridges and Major Culverts

BRIDGE

CULVERT

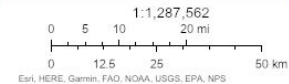


Region 1 Highway Drivability Life



8/1/2023, 4:52:36 PM

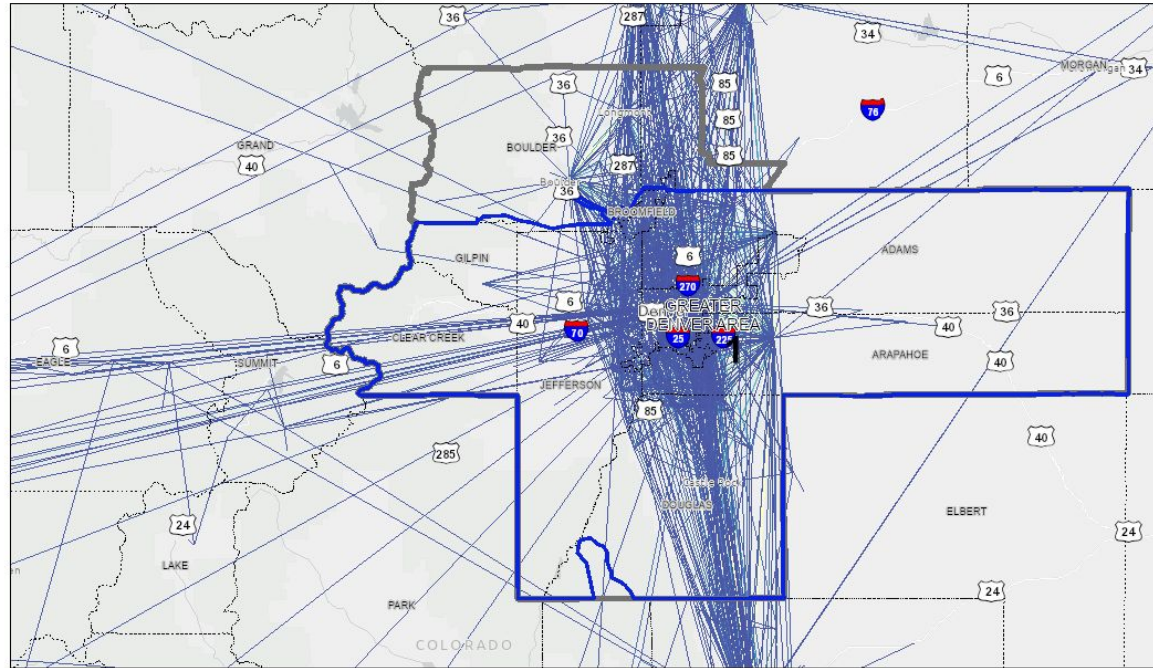
- Highways for Anno
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)
- County Boundaries
- Highways: Drivability Life
- MODERATE
- LOW
- HIGH





Commuter Origin and Destination

Region 1 Commuter Origin and Destination



8/1/2023, 4:53:45 PM

Highways for Anno

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

Commuter Origin and Destination (100+ Commuters)

100

1,000

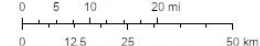
5,000

10,000

100,000

100

1:1,287,562




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



A map of Colorado showing county boundaries and major highways. The map is color-coded by region: the northern and eastern parts are red, the central part is orange, and the western part is light blue. Major highways are marked with numbered shields: 6, 24, 36, 40, 48, 56, 70, 85, 130, 160, 285, 287, 34, 38, 44, 50, 52, 54, 56, 58, 66, 78, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000. The map also shows the names of several counties: ADAMS, ARAPAHO, BOULDER, BREWSTER, CHRYSLER, CLEAR CREEK, COLORADO, DOUGLAS, EAGLE, GILPIN, GRAND, HARRIS, HENRI, JEFFERSON, KANE, KIMBLE, KODAK, LAKE, LARIMER, LINCOLN, LOGAN, MORGAN, NICHOLS, OGDEN, PEARSON, PERRY, PIERCE, RALPH, SHERMAN, SHERWOOD, SIOUX, TAYLOR, TERRY, TOWNSEND, TRAVIS, TUCKER, WAGONER, WATKINS, WELLS, WHEELER, WILSON, WOOD, YALOW, and ZIEGLER. The map is titled 'Map of Colorado' and includes a scale bar and a north arrow.

Highways for Anno

 CDOT Engineering Regions Transportation Planning Regions (TPR)

County Boundaries

County Level Commuters (commuters flowing into the county)

292 - 13,808

$$x > 13,808 - 31,202$$

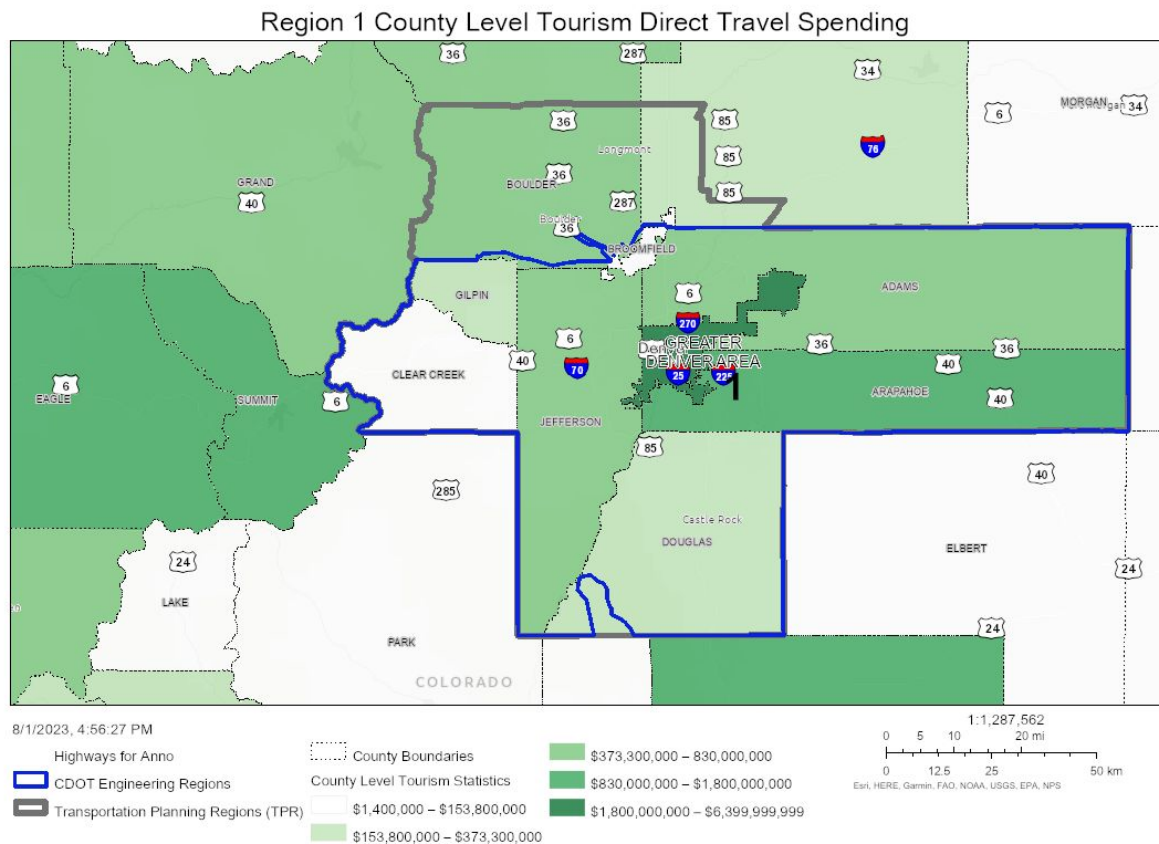
$\square > 66,836 - 225,742$

1:1,287,562

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



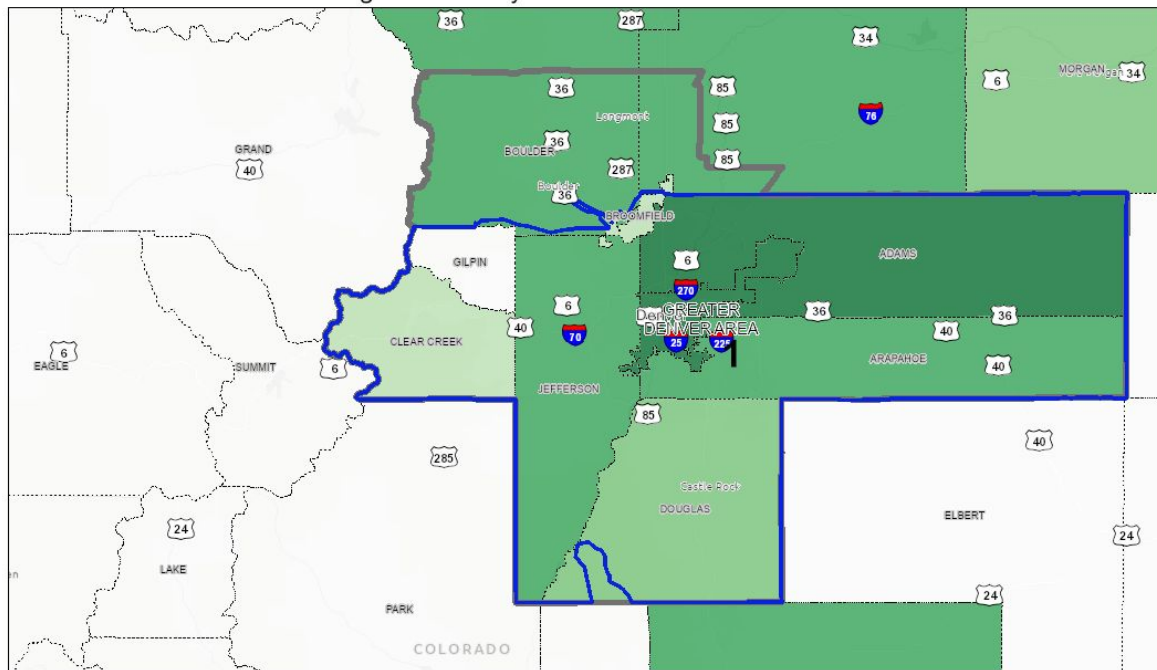
County Level Tourism Direct Travel Spending





County Level Movement of Goods

Region 1 County Level Movement of Goods



8/1/2023, 4:57:45 PM

- Highways for Anno
- CDOT Engineering Regions
- Transportation Planning Regions (TPR)

County Boundaries

County Level Movement of Goods

- \$3,538,063.84 - \$712,000,000
- \$712,000,000 - \$2,633,000,000

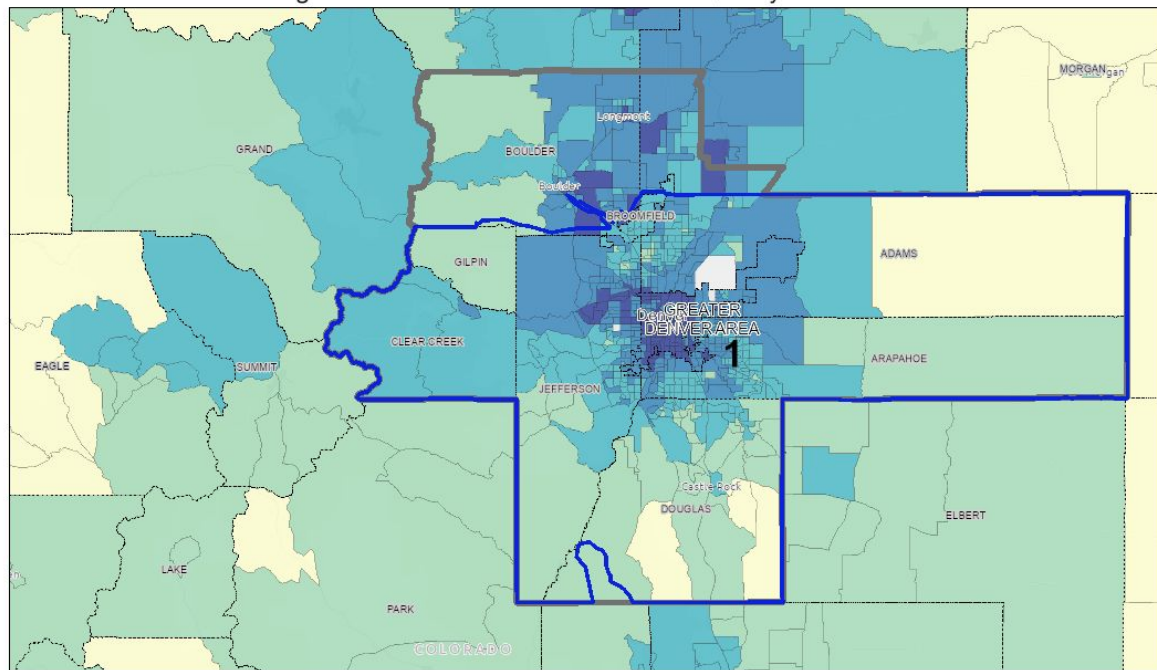
- \$2,633,000,000 - \$10,598,000,000
- \$10,598,000,000 - \$25,093,000,000
- \$25,093,000,000 - \$67,737,000,000





Levels of Air Pollutants: Air Quality Measures

Region 1 Levels of Air Pollutants: Air Quality Measures



8/1/2023, 4:58:54 PM

CDOT Engineering Regions

Transportation Planning Regions (TPR)

County Boundaries

EnviroScreen Air Quality Measures

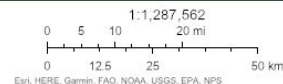
17.18 - 30

> 30 - 40

> 40 - 50

> 50 - 60

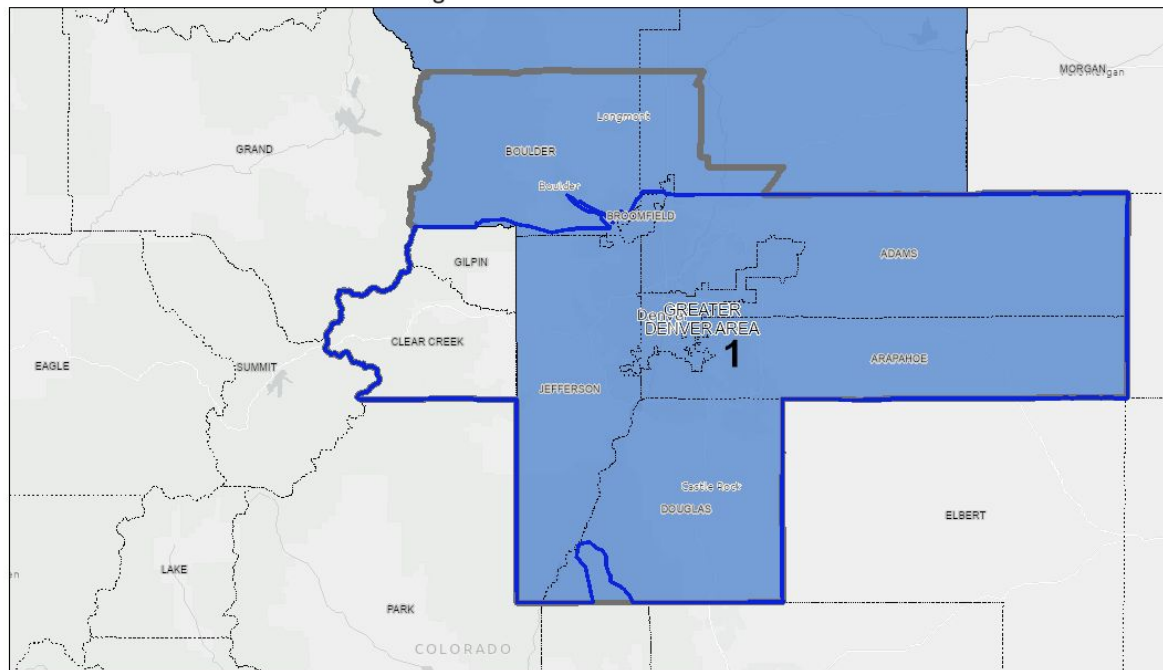
> 60 - 77.22






Ozone Nonattainment

Region 1 Ozone Nonattainment



8/1/2023, 5:00:12 PM

 CDOT Engineering Regions

 County Boundaries

 Transportation Planning Regions (TPR)

 Ozone Nonattainment

