Denver Regional Data Consortium (DRDC) Meeting
Spring 2018

Presented by:
DRCOG Staff
March 29, 2018
Agenda

• Introductions
• GIS and Data Tools from the State Demography Office
• Update on DRCOG Initiatives
  • DRDC Workshop Survey Results
  • New Regional Data Catalog
  • Data Collection Results
  • DRAPP & Planimetrics 2018 Updates
  • Data Analysis for Smaller Communities – Case Study: Golden
• Update on Regional Growth Initiative
• Update on Active Transportation Plan
• CATERED LUNCH
• ESRI Training on ArcGIS Pro

If on the webinar, use chat to ask ?s

If in the room, please use mics!
GIS AND DATA TOOLS FROM THE
STATE DEMOGRAPHY OFFICE
Workshop Survey Results

Top Topics
• Processing data with open source tools
• Web-mapping

Top Tech
• ArcGIS Pro
• QGIS
• Python

Top DRCOG Initiatives
• Developing job, parcels, and buildings data
NEW Regional Data Catalog

OPEN DATA FOR THE DENVER REGION

The Regional Data Catalog is a repository of open data managed by the Denver Regional Council of Governments. The datasets in this catalog support communities in making informed, data-driven decisions in areas including mobility, land use, and changing demographics.

Visit us at our new address: data.drcog.org
NEW Regional Data Catalog

User-friendly searching and filtering

CATEGORY
- Imagery and Elevation
- Transportation
- Boundaries
- Built Environment
- Natural Environment
- Planning
- Demographics and Employment

SOURCE
- DRCOG
- FEMA
- USGS
- Census
- CDOT
- DLE

PROGRAM
- Regional Planimetrics
- Denver Regional Aerial Photography Project
- Transportation Improvement Program
- Area Agency on Aging

CLEAR FILTERS

AREA AGENCY ON AGING
Area Agency on Aging (AAA) Boundary

ASSISTED LIVING FACILITIES
Assisted living facilities from the DRCOG Area Agenc...

BICYCLE FACILITY INVENTORY
This layer is an inventory of bike facilities in the Den...

BICYCLE SHARE STATIONS
This data is aggregated from various bike share pro...

BUILDING ROOFPRINTS 2014
Building roofprints delineated from 2014 aerial ima...

BUILDING ROOFPRINTS 2016
Building roofprints delineated from 2016 aerial ima...

SORT BY

SEE DATA
NEW Regional Data Catalog

Download data in a variety of formats.

Preview data on a map and in a table.

BUILDING ROOFPRINTS 2016
Data Vintage: March 2016
Data Modified: January 2018
Original Sources: DRCOG
Terms of Use

Zoom in to interact with features.

GET DATA
- Shapefile
- GeoJSON
- WMS
- KML
- XML Metadata
NEW Regional Data Catalog

Bike Routes
Discover the region's cycling network, including bike routes, bike share stations, and RTD Park-n-Ride locations.

Explores

AAA Facilities
Find nursing home and assisted living facilities in the eight-county Area Agency on Aging region.

Explores

Regional Demographics
Visualize the intersection of race, gender, and income for the aging population in the Denver region.

Explores

Signal Timing Briefs
Get information on traffic signal timing projects completed through local and regional partnerships.

Explores

RTP Projects
Learn about the major roadway and rapid transit capacity projects funded in the 2040 Regional Transportation Plan.

Explores

TIP Projects
Learn about roadway, transit, and bicycle/pedestrian projects to be completed with federal funds.

Explores

Traffic Counts
Investigate traffic volume data for the region from 2008 to 2016 and discover which corridors are busiest.

Explores

Regional Equity Atlas
Evaluate demographic, employment, education, health, and housing data in relation to the transit network.

Explores
2018 Data Collection Effort

What does DRCOG do with all that data?

We standardize and compile it at a regional scale for:
- Internal analysis and modeling
- External distribution on the RDC

<table>
<thead>
<tr>
<th>Local Dataset</th>
<th>DRCOG Regional Product</th>
<th>Use(s)</th>
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<tbody>
<tr>
<td>Bikes/Trails</td>
<td>Regional Bike Inventory</td>
<td>Online Bike Map</td>
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<tr>
<td>Building/Address</td>
<td>Master Housing Dataset</td>
<td>Modeling and MV Metrics</td>
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<td>Jurisdiction Boundary</td>
<td>Regional Boundaries</td>
<td>Annexation Analysis</td>
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<td>Open Space</td>
<td>Regional Open Space</td>
<td>Modeling and MV Metrics</td>
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<tr>
<td>Parcels</td>
<td>Standardized Parcels</td>
<td>Modeling and MV Metrics (internal only)</td>
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<td>Subdivisions</td>
<td>Regional Subdivisions</td>
<td>Development Type Modeling</td>
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<tr>
<td>Zoning</td>
<td>Regional Zoning</td>
<td>Modeling</td>
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## 2018 Data Collection Effort

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<td>Bikes/Trails</td>
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<tr>
<td>Buildings/Addresses</td>
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5 out of 7 categories decreased in coverage this year.

Possible reasons:
- Less outreach
- Less willingness to submit data….but this is good news….
2018 Data Collection Effort

- Jurisdictions with open data sites:
  1. Adams County
  2. Arapahoe County
  3. Arvada
  4. Aurora
  5. Boulder County
  6. Boulder
  7. Brighton
  8. Broomfield
  9. Castle Rock
  10. Centennial
  11. Commerce City
  12. Denver
  13. Douglas County
  14. Erie
  15. Jefferson County
  16. Lone Tree
  17. Weld County

Up from 6 in 2017.
What is the future of the DRCOG Data Portal?

Depends on how valuable it is to you. Do you still use it and if so, for what?

What do you think DRCOG should do?
- Doubling 3-inch resolution coverage to cover most of the urbanized area in our region
- **Flights are complete and interim imagery is available!**

- **Still signing up partners** – contact asummers@drcog.org for more information.
- Public entities are eligible.
- Lots of deliverable options!
- Flexible billing options!
Planimetrics 2016 & 2018

- 2016 project finished successfully. Download data on the RDC.

- 2018 project planning is underway. Contact me for a quote.
REGIONAL GROWTH INITIATIVE
ACTIVE TRANSPORTATION PLAN
FINAL THOUGHTS
Save the Date

Summer DRDC Meeting - July 26th

• New time
  • 3pm to 4:30pm

• New location
  • 1001 17th St

• New opportunity
  • Happy Hour to follow!