

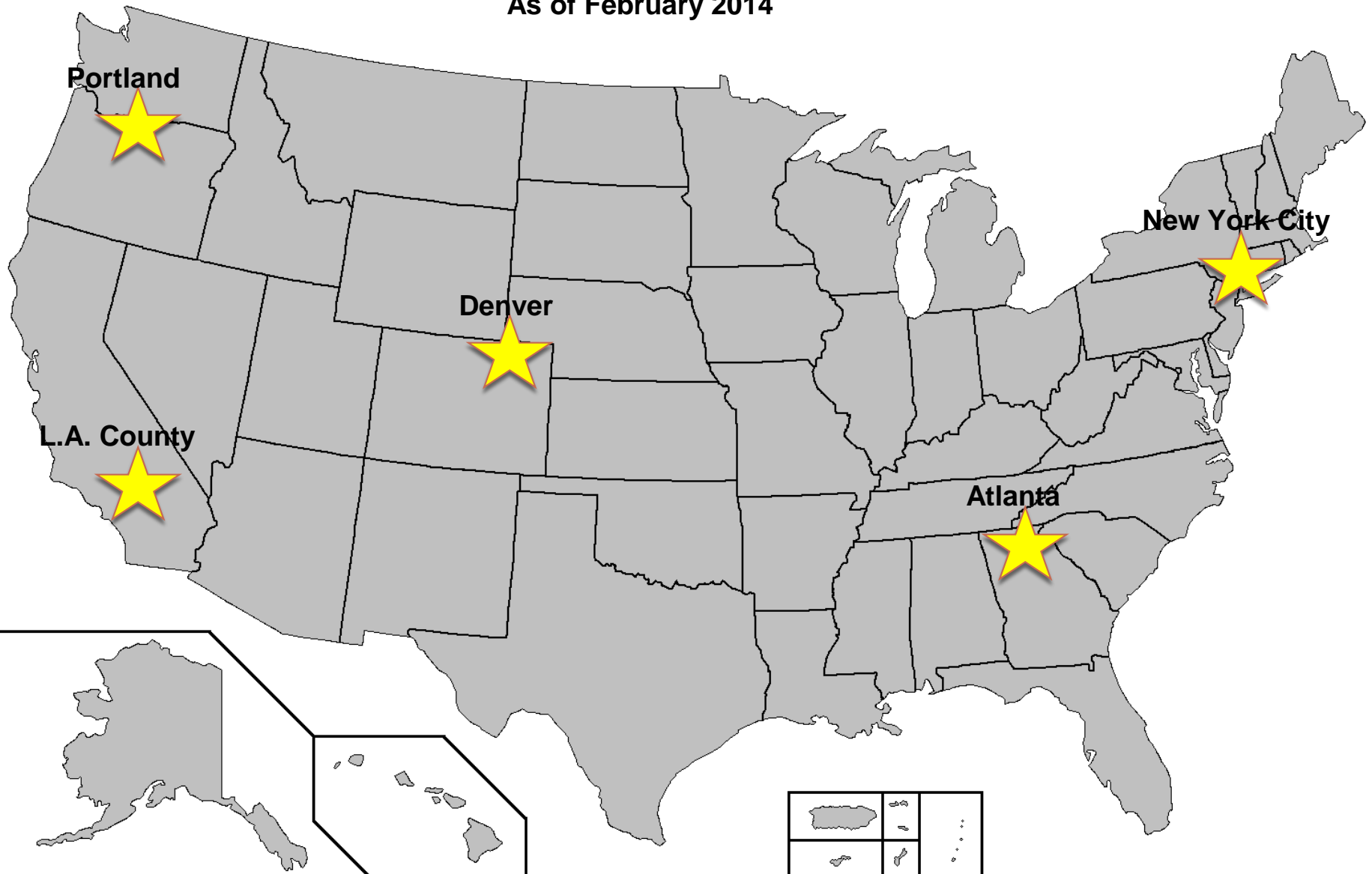
# *DENVER REGIONAL EQUITY ATLAS*

## MEASURING ACCESS TO OPPORTUNITY

Using Data to Drive Stakeholder Engagement  
NADO Conference: August 25, 2014  
Jennifer Newcomer, The Piton Foundation

# PLACES WITH EQUITY ATLASES

As of February 2014



# DENVER REGIONAL EQUITY ATLAS 1.0



## THE DENVER REGIONAL EQUITY ATLAS

Mapping Access to Opportunity at a Regional Scale



MileHighConnects

Released April 2012

Showcase geographic interrelationship between:

- Housing
- Jobs
- Education
- Health
- Transportation Access

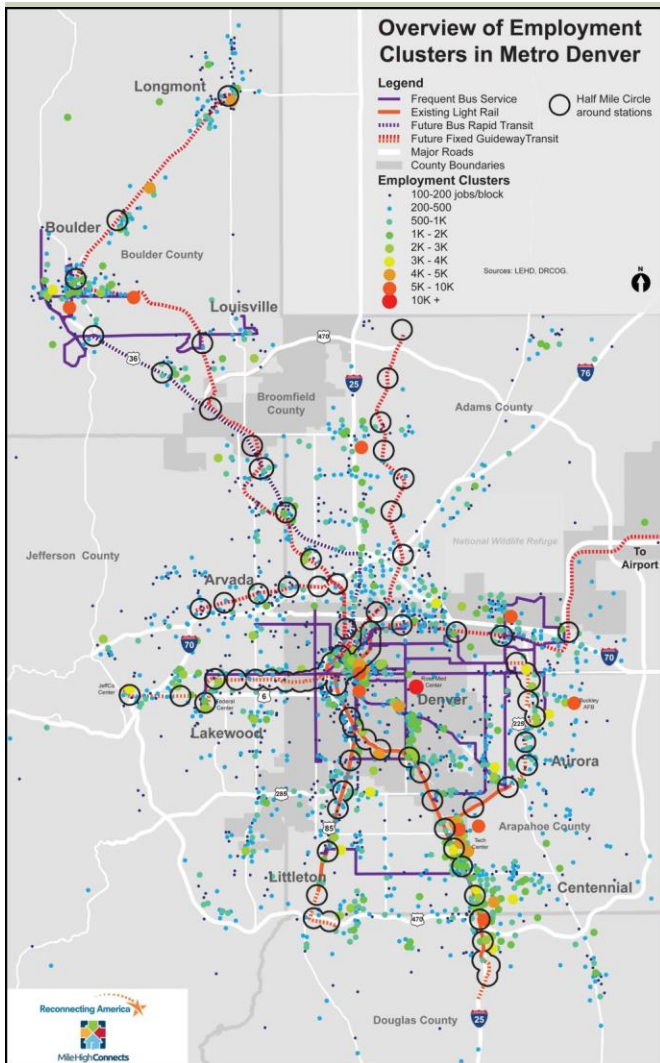
Highlight social equity disparities

Tell the story

Reconnecting America  
People • Places • Possibility

# DENVER'S FASTTRACKS

## THE OPPORTUNITY & CHALLENGE



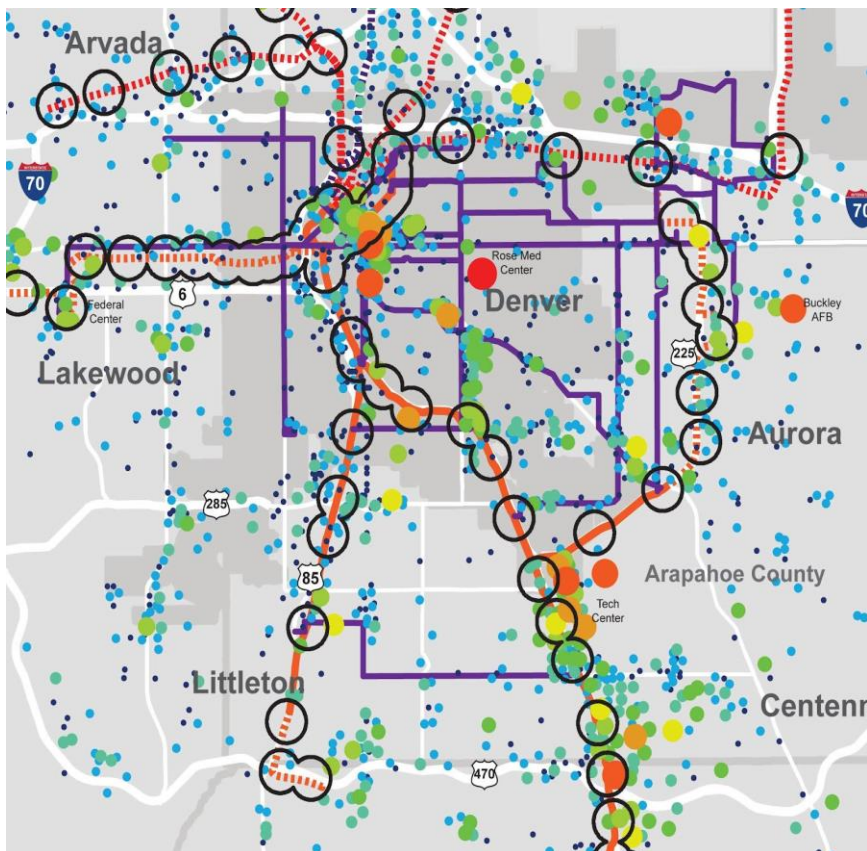
- \$7.8 billion investment
- 70 new stations
- 45,000 HHs
- 58.1% have less than a bachelors degree
- 40% will earn under 60% AMI

***Who Will Benefit?***

# KEY FINDINGS

1. The region is interdependent.
2. Poverty is a regional issue.
3. New transit service will improve access to opportunity, but gaps will remain.
4. We need affordable housing strategies.
5. This is a once-in-a-lifetime opportunity for the region.

# ATLAS 1.0 LIMITATIONS

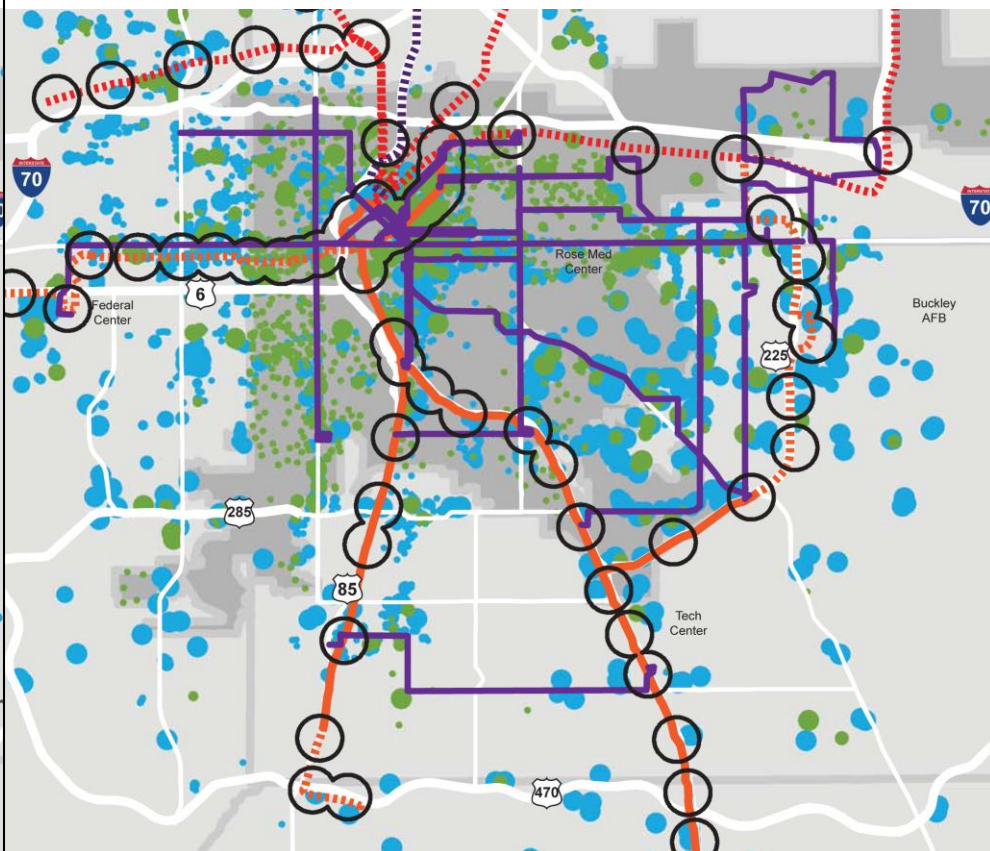


**Jobs**

**Employment Clusters**

- 100-200 jobs/block
- 200-500
- 500-1K
- 1K - 2K
- 2K - 3K
- 3K - 4K
- 4K - 5K
- 5K - 10K
- 10K +

Sources: LEHD, DRCOG.



**Affordable Housing**

**Restricted Units**

- 1 - 25 housing units
- 26 - 50
- 51 - 100
- 101 - 150
- 151 +

**Market Rate Units**

- 1 - 25 housing units
- 26 - 50
- 51 - 100
- 101 - 150
- 151 +

Sources: City and County of Denver & Community Strategies Institute, DRCOG.



# DENVER REGIONAL EQUITY ATLAS 2.0



## DENVER REGIONAL EQUITY ATLAS

[Register](#) or [Log In](#)



[MAP](#) [BACKGROUND](#) [TOPIC AREAS](#) [FUNDING](#) [AUDIENCE](#) [CONTRIBUTORS](#) [HELP](#) [CONTACT](#)



## Background

The Denver Regional Equity Atlas is a tool to help raise awareness among a wide range of stakeholders about the benefits and opportunities that a robust public transportation network can create. This interactive tool provides users with the ability to create maps that depict the region's major origins and destinations in relation to the current and future transit network, and also generate reports on demographic, economic and other data of the region or particular communities. The Atlas emphasizes the need to ensure access to opportunity for everyone in the region, especially improving connections for the region's most economically disadvantaged residents. The future transit network will better connect people to jobs, healthcare providers, schools, grocery stores, parks and other essential destinations, but there are challenges in ensuring that the people who use and need access to public transportation the most have the opportunity to live, work, learn and play in transit-oriented communities.

The first phase of the Equity Atlas was completed in April 2012 and is available on the [Mile High Connects](#) website. This static document captures a snapshot of the region at one point in time (2011). The Equity Atlas is being used by practitioners and community members alike as a tool to explore the relationship between different issue areas (housing, education, jobs and health), guiding investment decisions, grant making and community outreach. The Atlas has received national attention for its innovative approach to visually representing the region's opportunities and challenges in relation to transit, and several other regions are now considering developing their own equity atlases.

[Registered users](#) can view, create, save, and share [maps here](#).

# Partners



## DENVER REGIONAL EQUITY ATLAS





# KEY FEATURES

1. Recreate original maps
2. Select specific map layers to display
3. Ability to zoom to a neighborhood scale
4. Select Census tracts or counties for additional statistics
5. Share, embed or print maps

# Recreate original maps

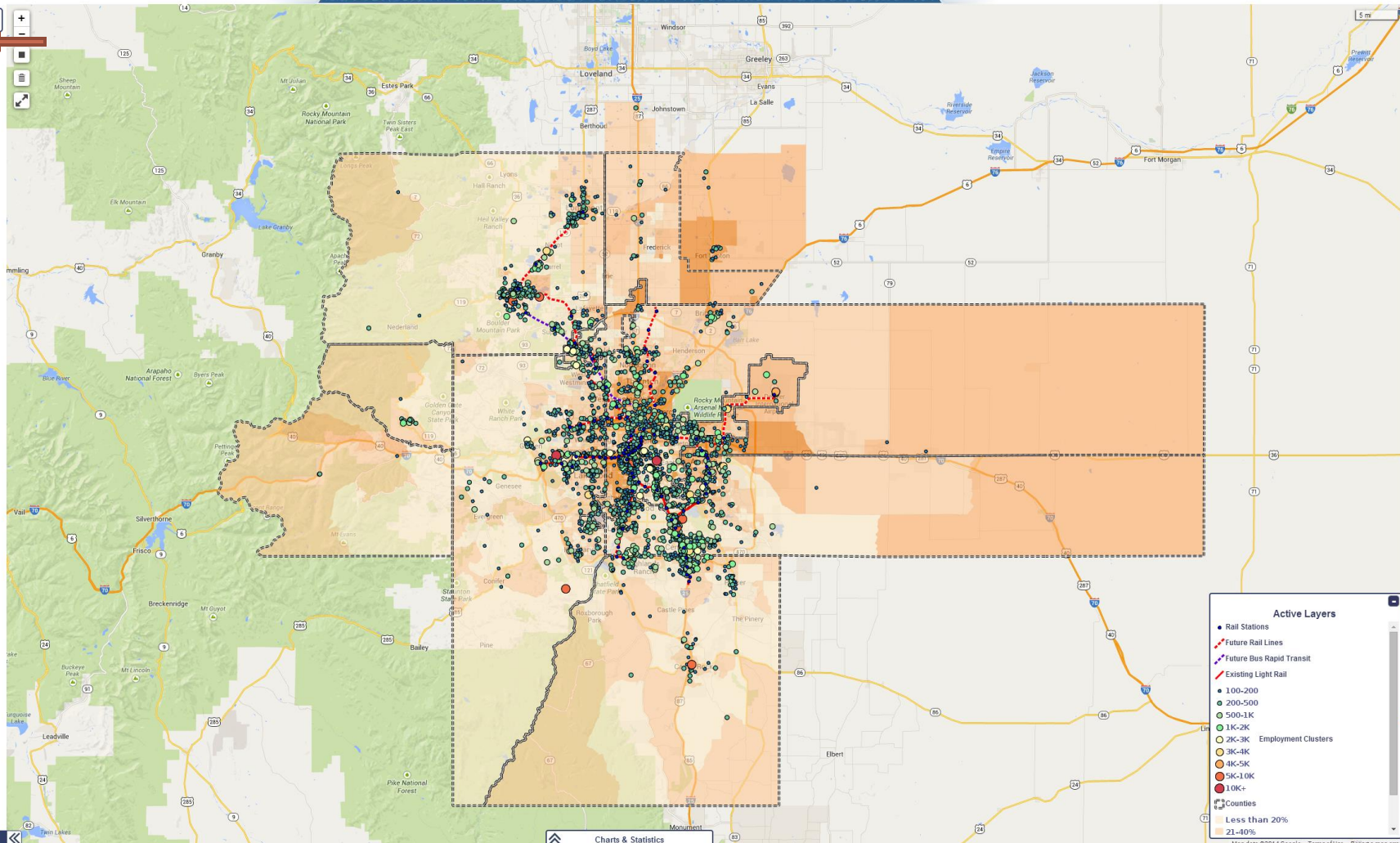


## DENVER REGIONAL EQUITY ATLAS



Register or Log In

- Education - Relationship of E
- Log in to access saved maps
- Base Maps
- Boundaries
- Demographics
- Education
- Employment
- Health
- Housing
- Transportation



**Active Layers**

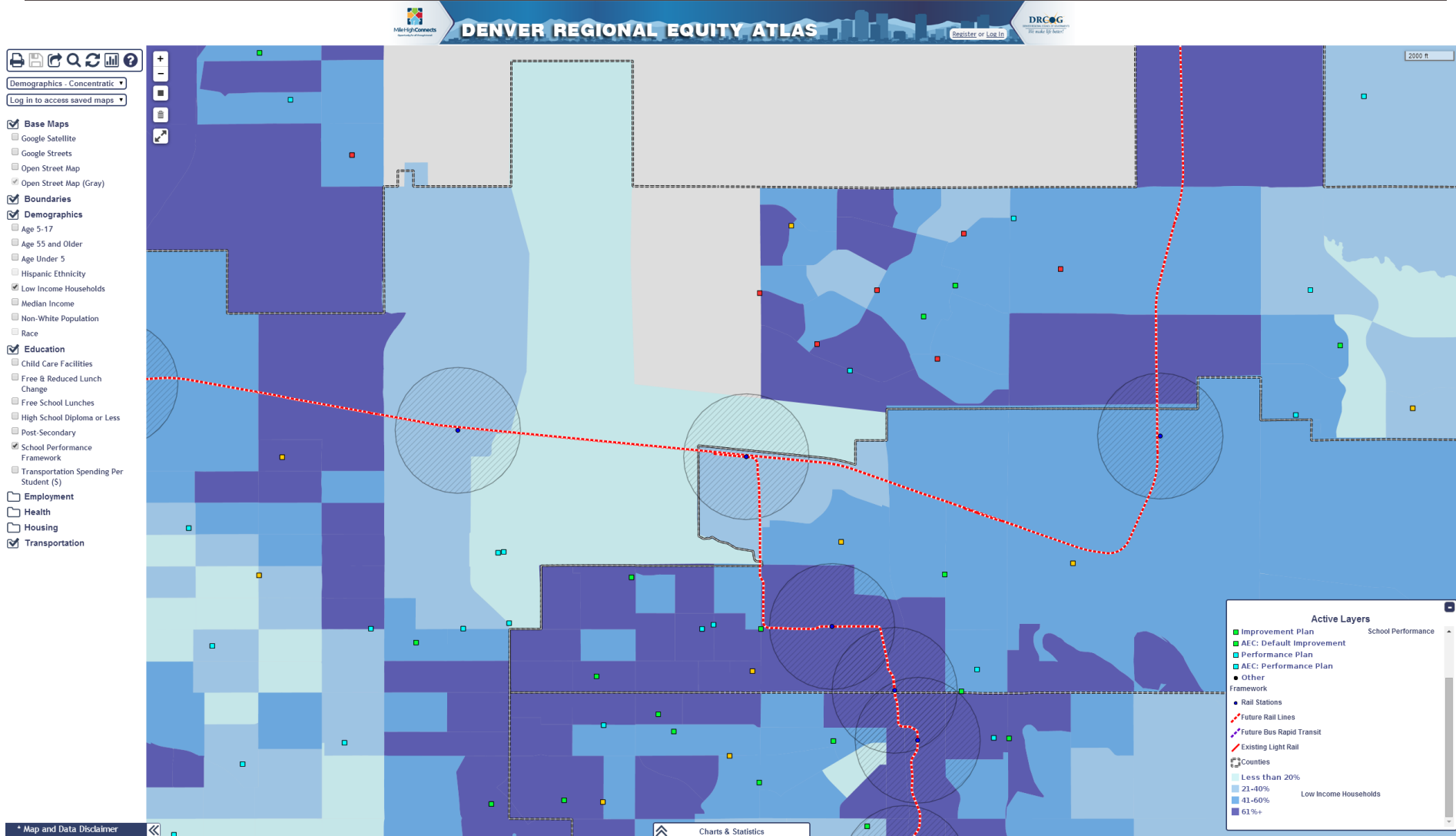
- Rail Stations
- Future Rail Lines
- Future Bus Rapid Transit
- Existing Light Rail
- 100-200
- 200-500
- 500-1K
- 1K-2K
- 2K-3K Employment Clusters
- 3K-4K
- 4K-5K
- 5K-10K
- 10K+
- Counties
- Less than 20%
- 21-10%

Map and Data Disclaimer

Charts & Statistics

Map data ©2014 Google. Terms of Use. Report a map issue

# Select specific map layers to display



# Zoom to a neighborhood scale



## DENVER REGIONAL EQUITY ATLAS

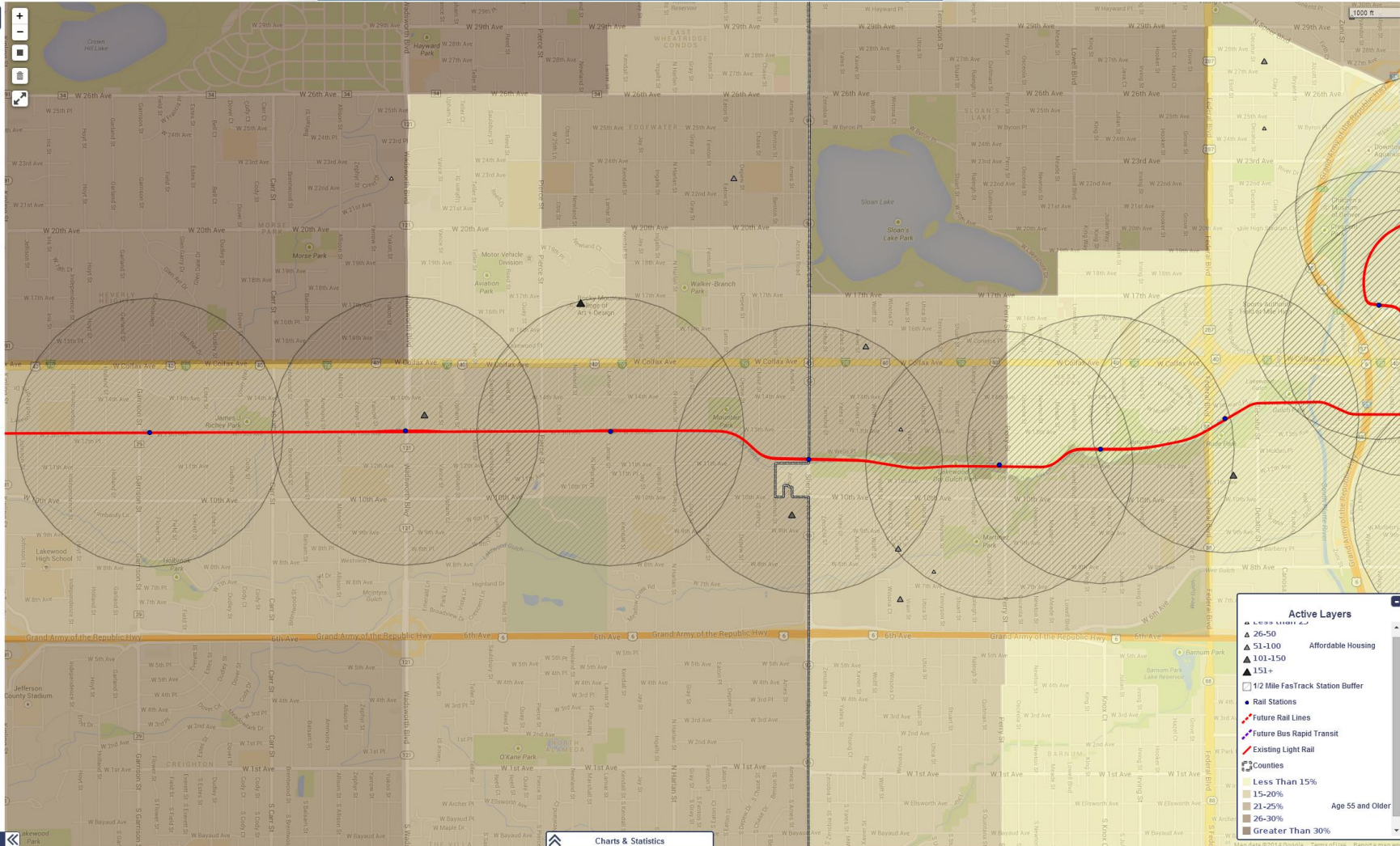
DRCOG

Register or Log In



Demographics - Concentric  
 Log in to access saved maps

- Base Maps
- Boundaries
  - 1 Mile FasTrack Station Buffer
  - 1/2 Mile FasTrack Station Buffer
  - 1/4 Mile FasTrack Station Buffer
- Block Groups
- Blocks
- Counties
- Denver Neighborhoods
- Municipalities
- Tracts
- Demographics
  - Age 5-17
  - Age 55 and Older
  - Age Under 5
  - Hispanic Ethnicity
  - Low Income Households
  - Median Income
  - Non-White Population
  - Race
- Education
- Employment
- Health
- Housing
  - Affordable Housing
  - Rent Burdened
  - Restricted Rental
  - Restricted Rental Units
  - Transportation Costs (% of AMI for HH)
  - Year Built
  - Year Built Before 1950
- Transportation
  - Bike Routes
  - Bus Routes
  - Bus Stops
  - Existing Light Rail
  - Future Bus Rapid Transit
  - Future Rail Lines
  - Rail Stations



**Active Layers**

- Less than 15%
- 15-20%
- 21-25%
- 26-30%
- Greater than 30%

**Affordable Housing**

- 26-50
- 51-100
- 101-150
- 151+

1/2 Mile FasTrack Station Buffer

- Rail Stations
- Future Rail Lines
- Future Bus Rapid Transit
- Existing Light Rail

Counties

# Select Census tracts for additional statistics



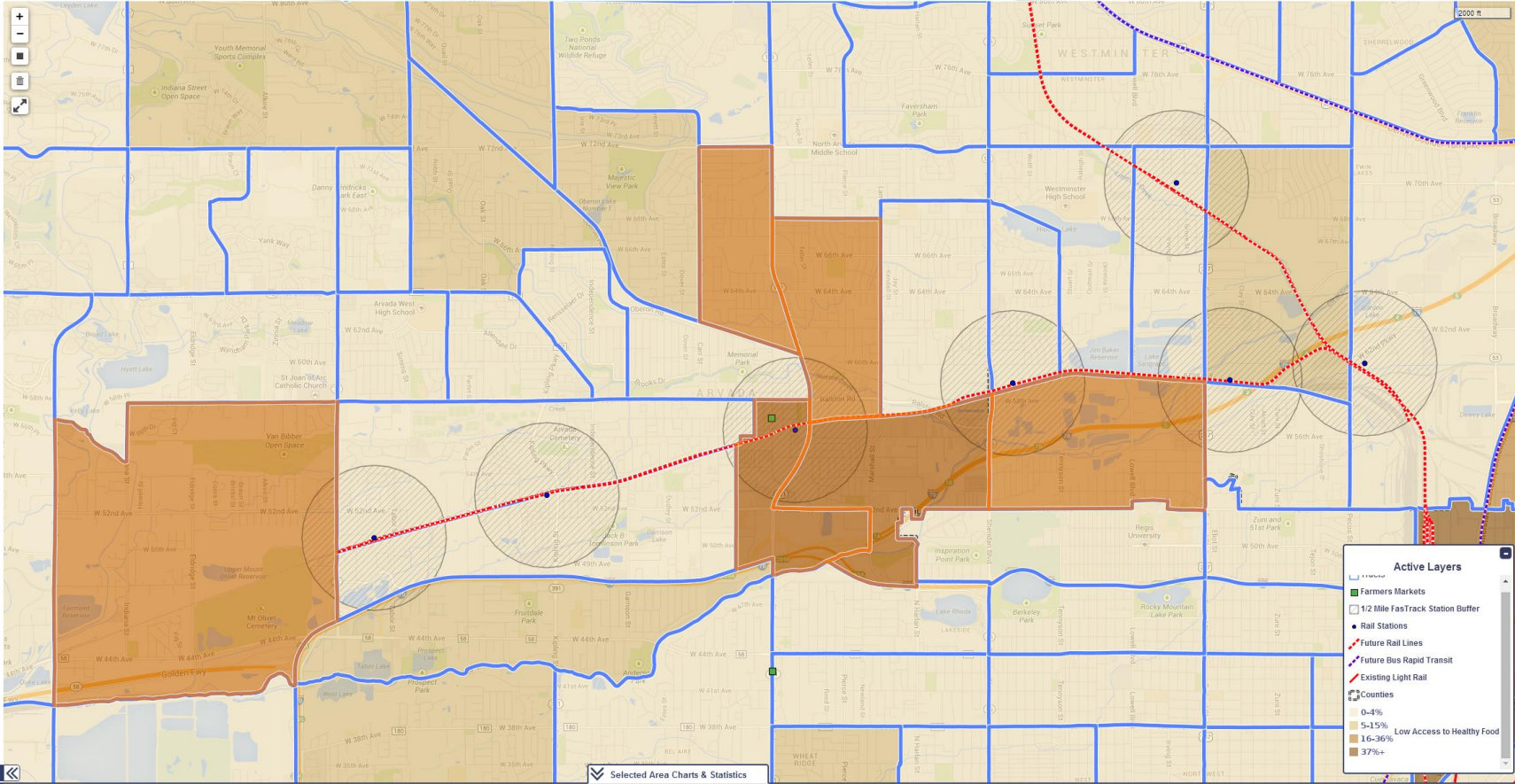
## DENVER REGIONAL EQUITY ATLAS

Register or Log In



Demographics - Concentric  
Log in to access saved maps

- Base Maps
- Boundaries
- Demographics
- Education
- Employment
- Health
  - Adult Asthma Rate
  - Adult Obesity Rate
  - Blocks by Area (8 acre)
  - Farmers Markets
  - Health Facilities
  - Hospitals
  - Local and Regional Parks
  - Low Access to Healthy Food
  - Trauma Centers
- Housing
- Transportation
  - Bike Routes
  - Bus Routes
  - Bus Stops
  - Existing Light Rail
  - Future Bus Rapid Transit
  - Future Rail Lines
  - Rail Stations



**Active Layers**

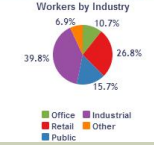
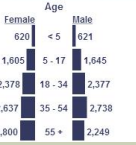
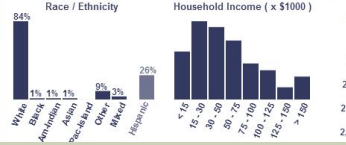
- Farmers Markets
- 1/2 Mile FasTrack Station Buffer
- Rail Stations
- Future Rail Lines
- Future Bus Rapid Transit
- Existing Light Rail
- Counties
- 0-4%
- 5-15%
- 16-36% Low Access to Healthy Food
- 37%+

\* Map and Data Disclaimer

Selected Area Charts & Statistics

**Tracts Summary Statistics**

Population	19,394
Avg. Household Size	2.69
Jobs	11,323
Commute - Carpool	849
Commute - Drive Alone	7,368
Commute - Bike / Walk	304
Commute - Transit	406



# Share, embed or print maps

The image displays the Denver Regional Equity Atlas interface, which includes a map, a sidebar with map layers, and a data dashboard. The interface is divided into two main sections: the top-left and bottom-left, and the right side.

**Top-Left Section:** This section shows the map's title "DENVER REGIONAL EQUITY ATLAS" and the "DENR" logo. A "Map Link" dialog box is open, displaying the URL: <https://denverregional.gov/equityatlas/map/lesson?lesson=7d4d73388-4a76-4a76-8192-81a4d4d4d4d4>. Below the URL, there is an "Embeddable Map Link" section with a similar URL. A "Print" button is also visible.

**Right Side:** This section shows the "Active Layers" panel, which includes "Rail Stations", "Future Rail Lines", "Future Bus Rapid Transit", and "Existing Light Rail".

**Bottom-Left Section:** This section shows the "Map and Data Dashboard" with various charts and statistics. The "Summary Statistics" table is as follows:

Category	Value
Population	19,794
Avg. Household Size	2.62
Age	15,323
Commute - Carpool	849
Commute - Drive Alone	2,368
Commute - Bkx / Walk	304
Commute - Transit	405

The "Works by Industry" chart shows the following distribution:

Industry	Percentage
Office	39.8%
Industrial	10.9%
Retail	15.7%
Public	6.8%
Other	26.8%

**Bottom-Right Section:** This section shows the "Print Title & Description Options" dialog box, which includes a "Print Title" field (set to "Gold Line: Low access healthy food"), a "Map Notes (optional):" field, and "Printing Requirements" such as "Print on 8.5 x 11 in. sheets", "Print with a landscape layout", and "Enable background color and images in your browser settings". A "Print" button is also visible.

# MOVING FORWARD

1. Spending 2014 listening and learning from users
2. Identify opportunities for enhancements
3. Evaluation tool for Mile High Connects and others

# QUESTIONS?

[www.denverregionalequityatlas.org](http://www.denverregionalequityatlas.org)

[www.milehighconnects.org](http://www.milehighconnects.org)

[www.drcog.org](http://www.drcog.org)

[www.reconnectingamerica.org](http://www.reconnectingamerica.org)

[www.piton.org](http://www.piton.org)

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303.454.3776



Mile High Connects  
Opportunity for all throughout

**DENVER REGIONAL EQUITY ATLAS**

**DRCOG**  
DENVER REGIONAL COUNCIL OF GOVERNMENTS  
We make life better!

THE PITON FOUNDATION



**Reconnecting America**  
People • Places • Possibility