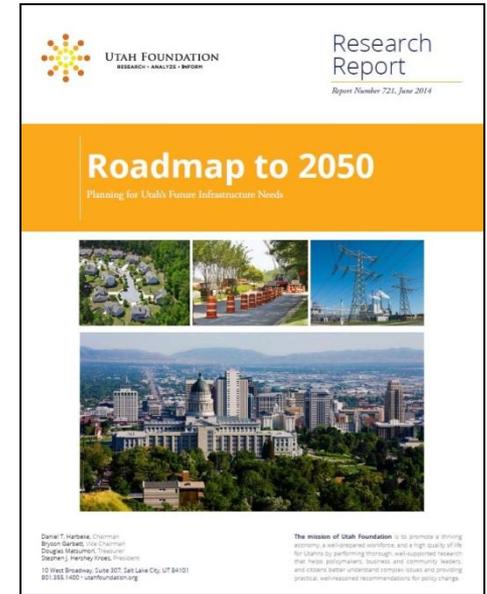
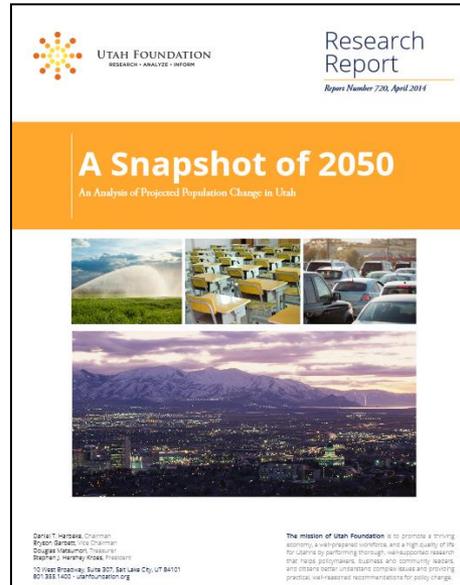


Special Topic: Trends and Trajectories

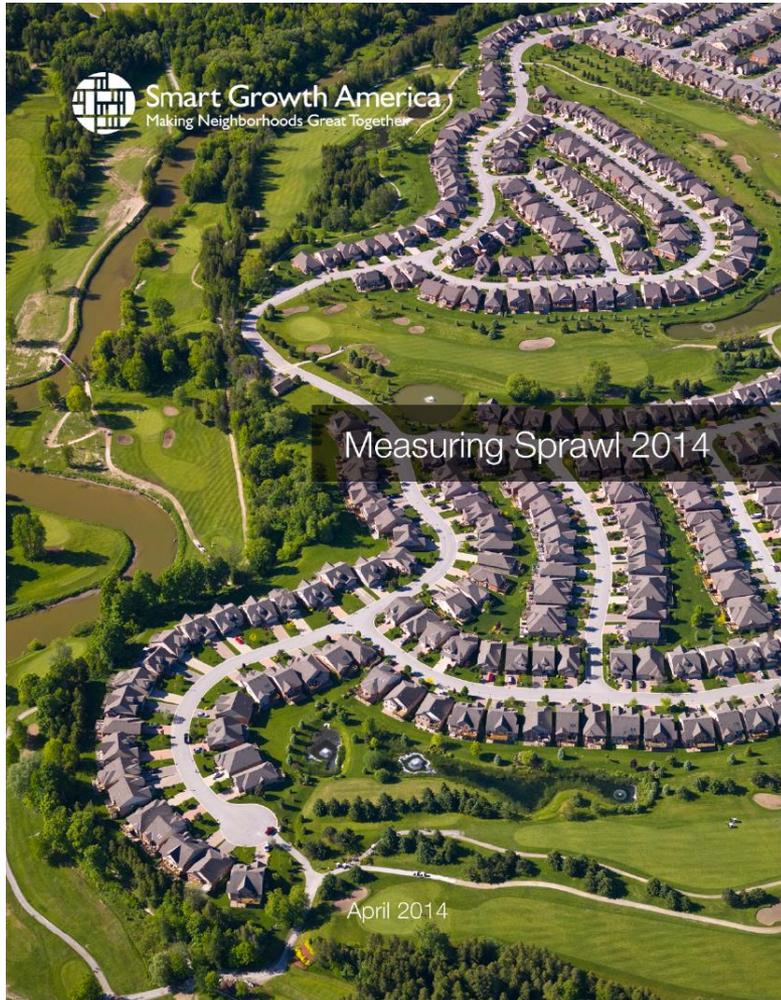
Regional Growth Committee
August 21, 2014



Trends and Trajectories

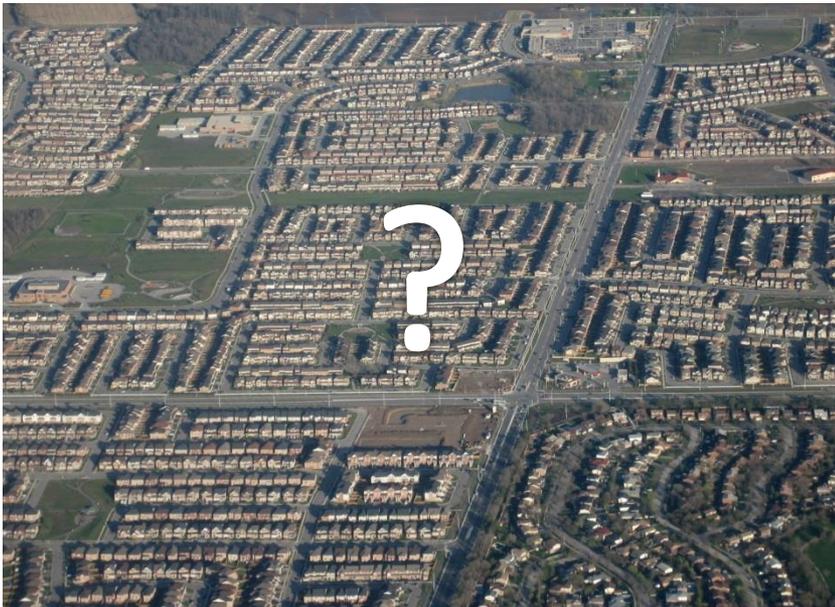


Smart Growth America “Measuring Sprawl 2014”



Research led by the U. of Utah's Metropolitan Research Center

What is a useful definition of “Sprawl”?



Smart Growth America asked....

What growth characteristics affect transportation?

- Household transportation expenses
- The ability to get to work, school, shopping and entertainment
- Availability of transportation choices



“Measuring Sprawl 2014” Definition

1. Density
2. Land Use Mix
3. Activity Centering
4. Street Connectivity

Weighted equally



Density

More places per acre =

Shorter distances to travel, more places to travel to =

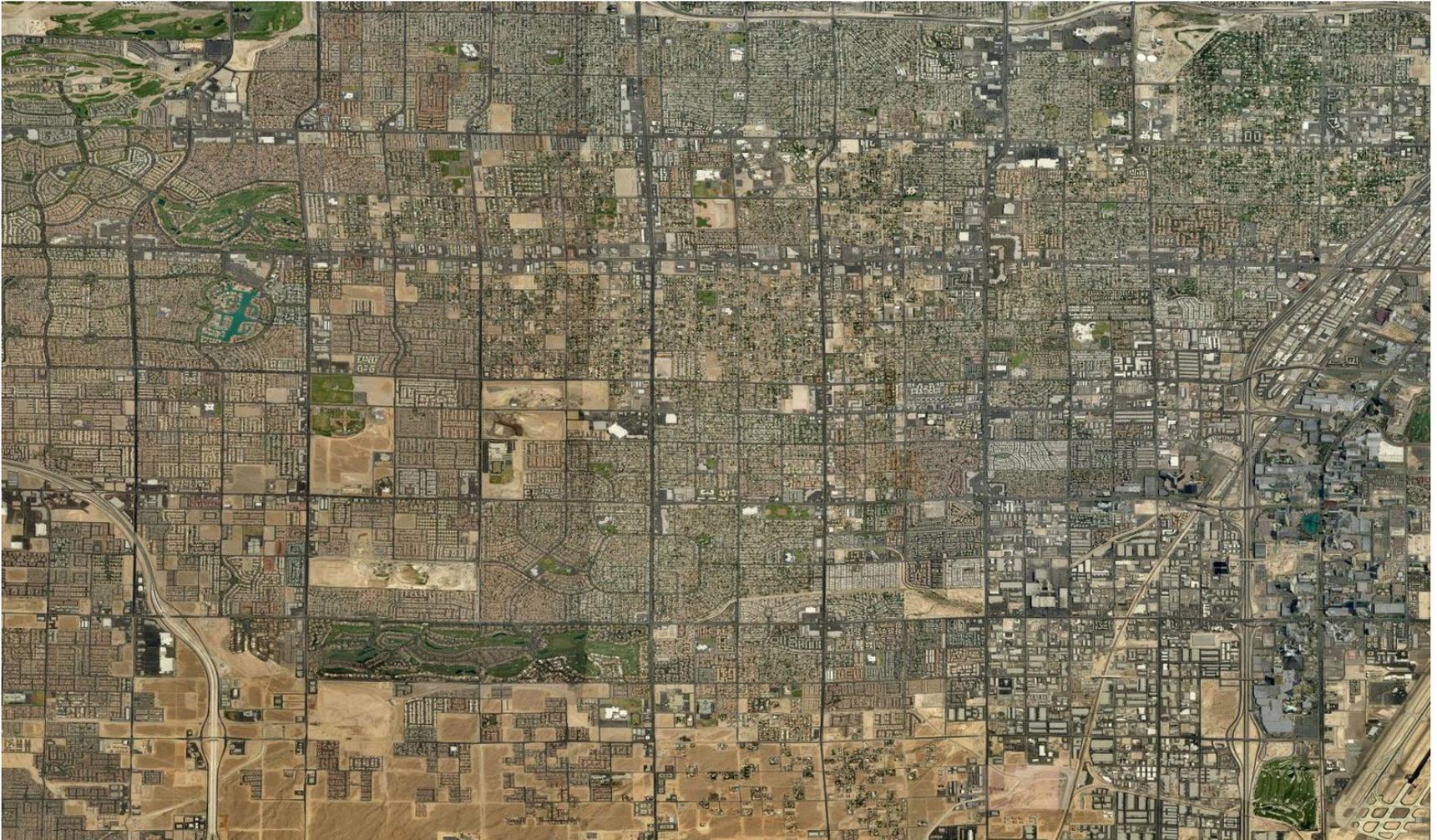
Better accessibility



Density

Las Vegas-Paradise, NV Overall Rank #39

Density #8, Land Use Mix #101



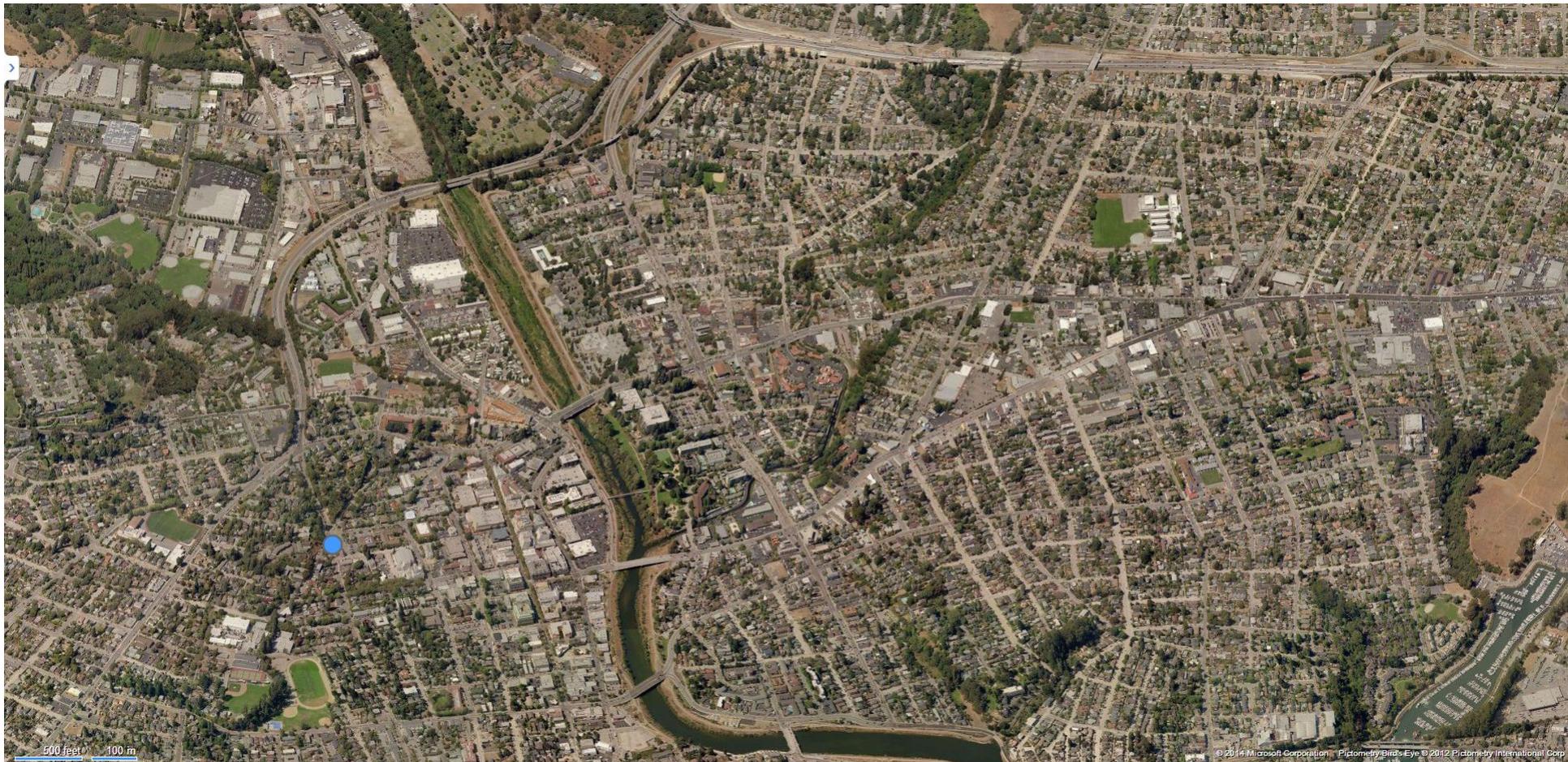
Land Use Mix

Mixing trip origins and trip destinations =
Better accessibility



Land Use Mix

Santa Cruz - Watsonville, CA Overall Rank #6
Land Use Mix #7, Density #79



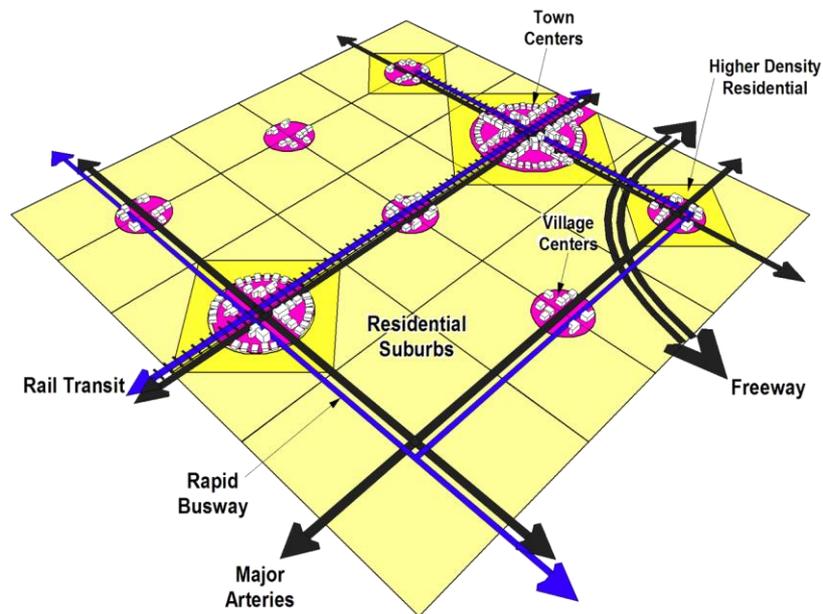
Activity Centering

Clustering density and variation in density

= Increases % people that can walk/bike to their destinations or to transit

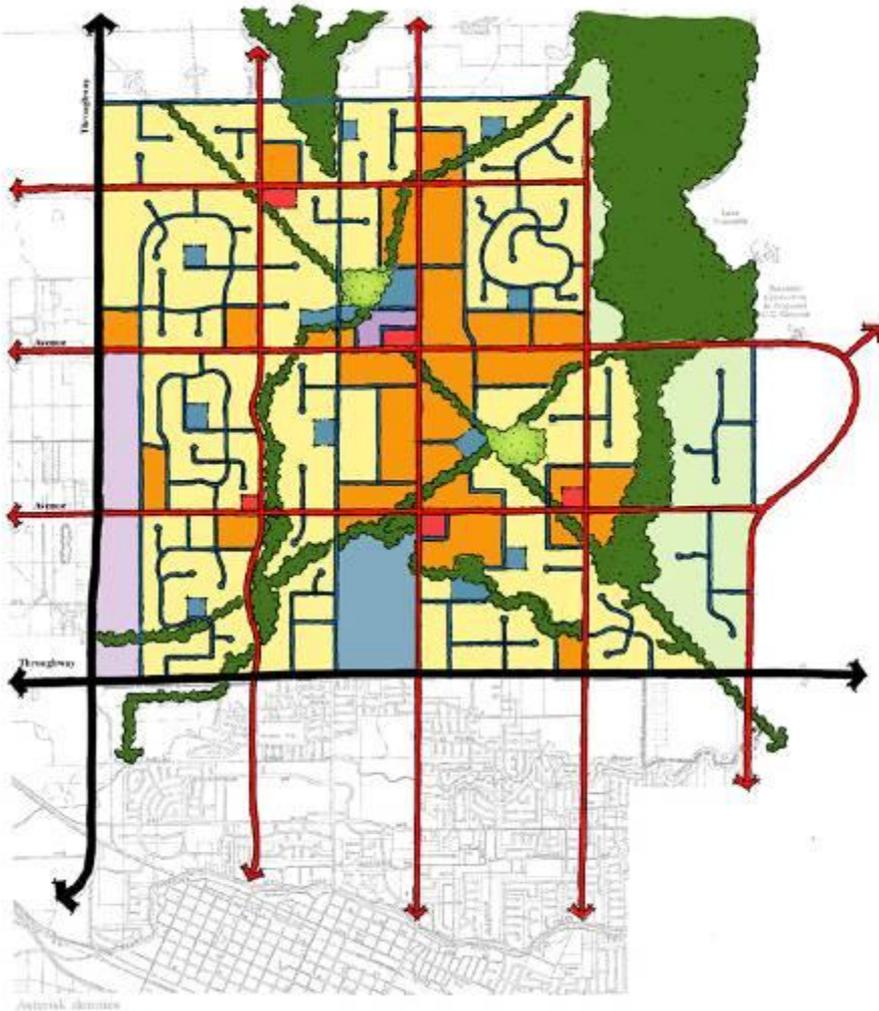
= Increased transportation choices; also

= Provides variety and options in housing and places

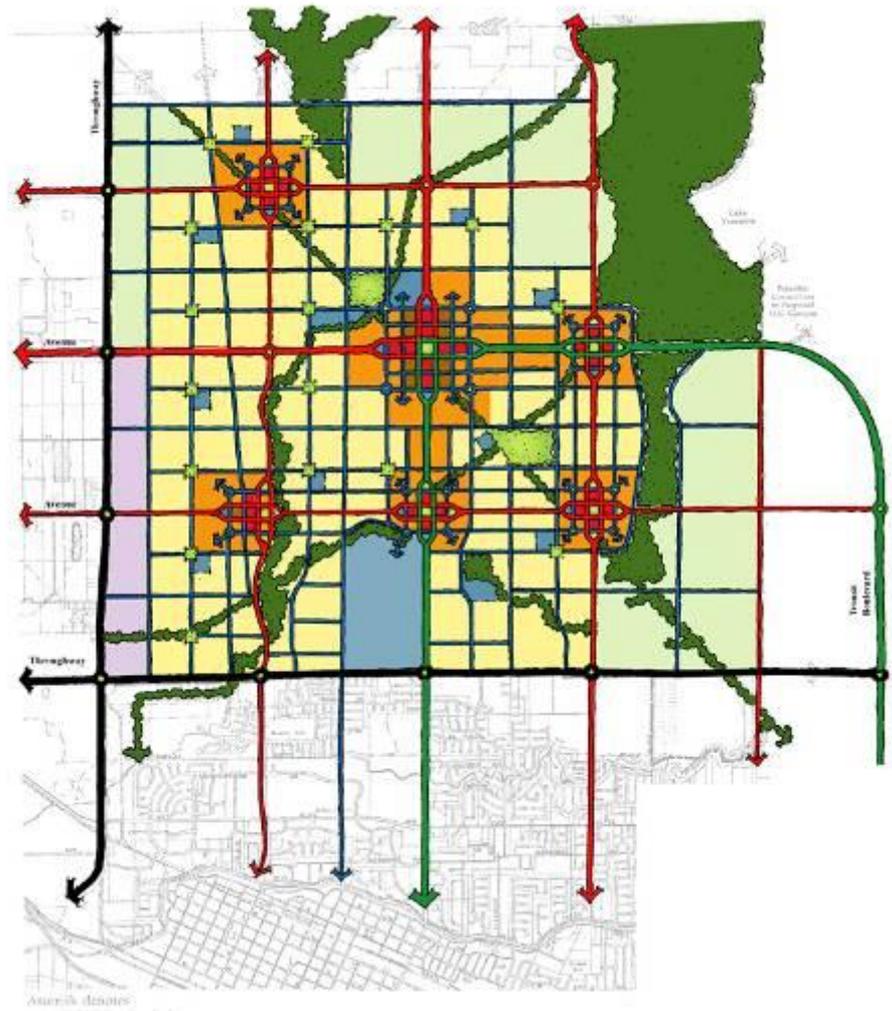


Activity Centering

Low Centeredness



High Centeredness



Activity Centering

Burlington, VT Overall Rank #14

Activity Centering #3, Density #175



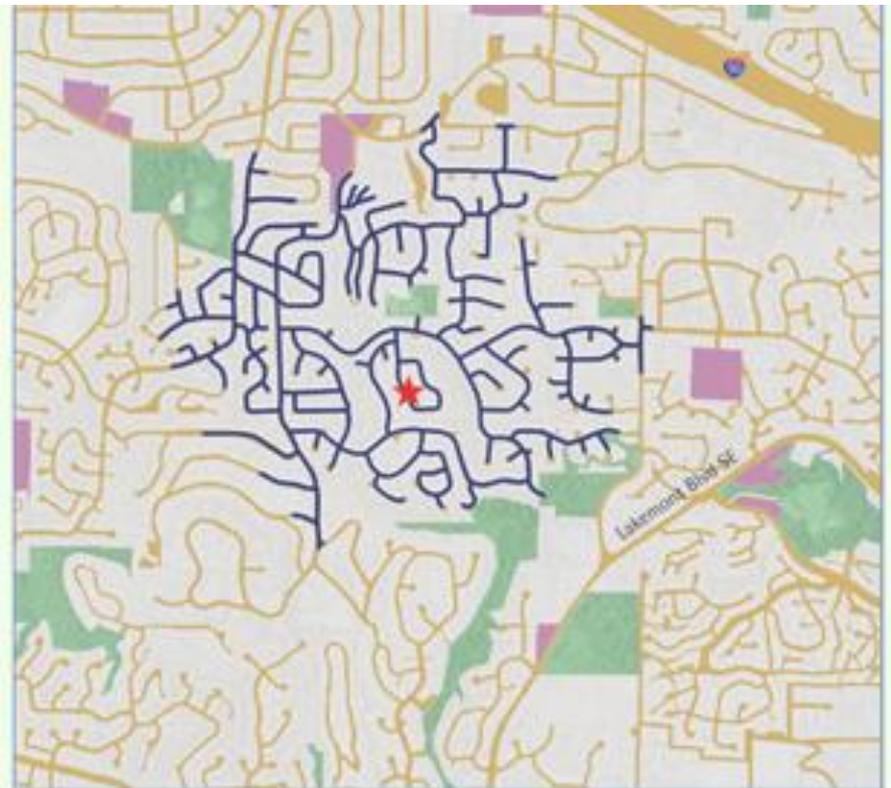
Street Connectivity

The ability to travel more as the crow flies =
Reach more destinations

1 mile bike ride

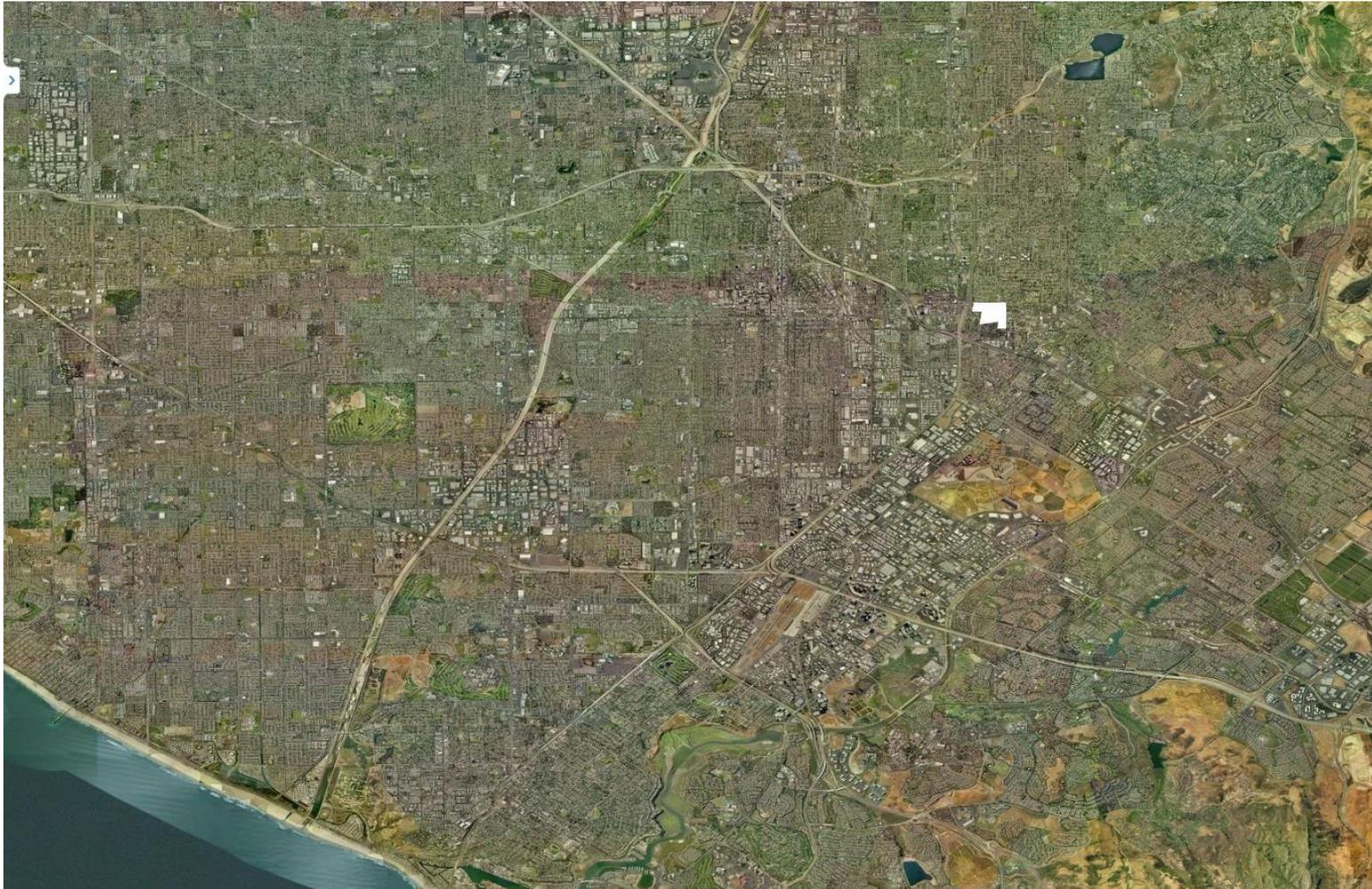


1 mile bike ride



Street Connectivity

Santa Ana-Anaheim-Irvine, CA Overall Rank #10
Street Connectivity #3, Activity Centering #178



Smart Growth America “Measuring Sprawl 2014”

Rankings compared to 212 U.S. Metro Areas

Metro area	Density	Land use mix	Activity centering	Street connectivity	Composite (total)
Provo-Orem	49	39	187	95	85
Salt Lake-West Valley	19	33	130	103	94
Ogden-Clearfield	69	48	216	83	119



Change in levels of “sprawl” over time in Utah?

county	new compactness index 2010	new compactness index 2000	change in new compactness index
Cache County, UT	91.5	86.5	5.0
Davis County, UT	110.9	106.5	4.3
Juab County, UT	72.2	67.4	4.8
Salt Lake County, UT	118.3	118.0	0.4
Summit County, UT	83.4	77.9	5.5
Tooele County, UT	86.9	82.4	4.5
Utah County, UT	114.4	107.3	7.1
Washington County, UT	94.3	88.9	5.4
Weber County, UT	109.7	107.1	2.6

Measuring Urban Sprawl and Validating Sprawl Measures, 2010

Reid Ewing and Shima Hamidi

For National Cancer Institute, National Institutes of Health

Ford Foundation

Smart Growth America

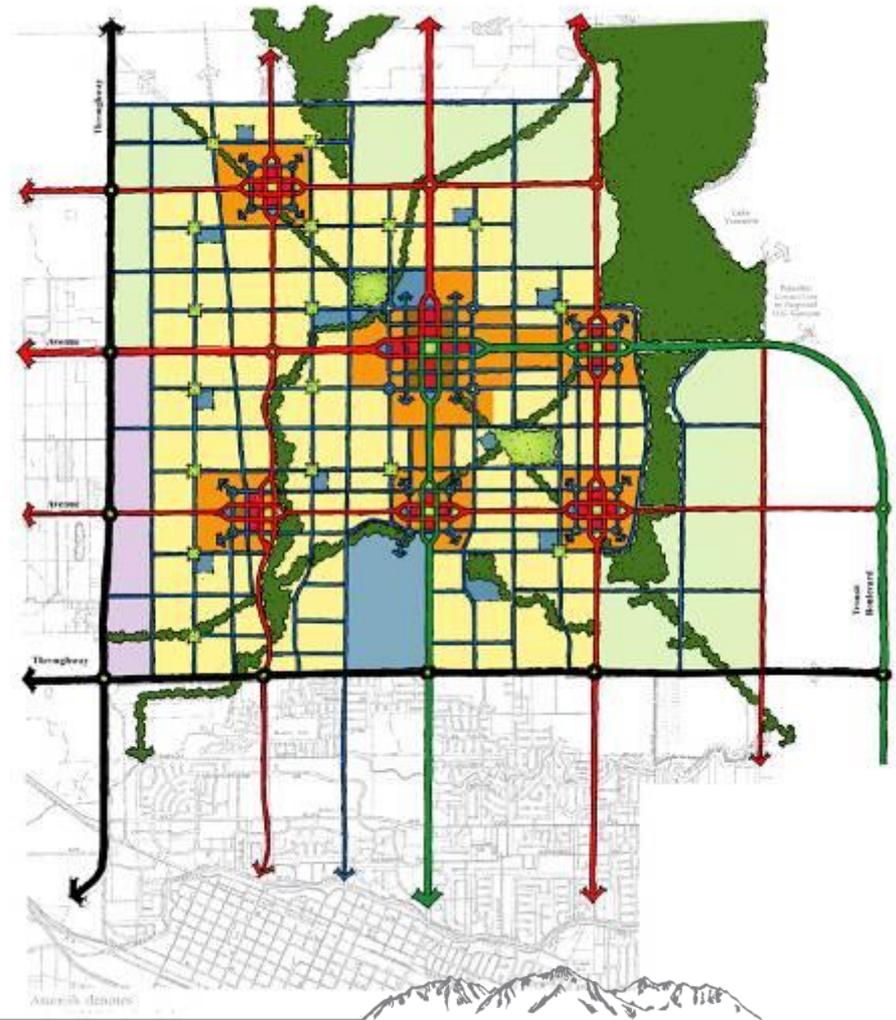


“Measuring Sprawl 2014” Report

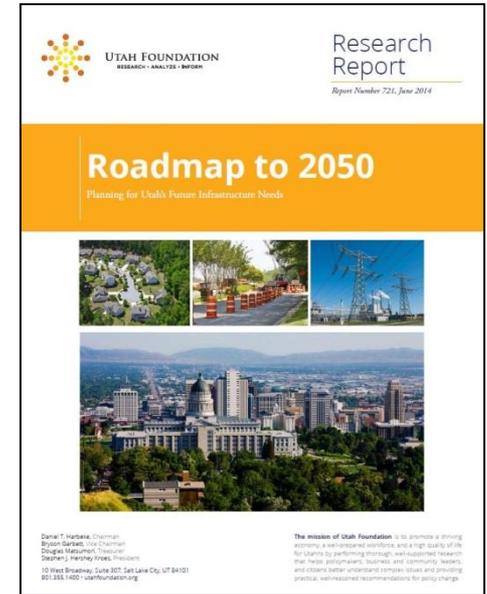
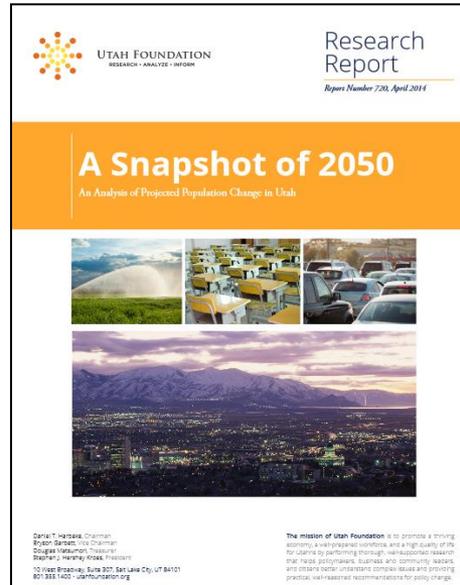
1. Density
2. Land Use Mix
3. Activity Centering
4. Street Connectivity



- Household expenses
- Destination accessibility
- Transportation choices



Trends and Trajectories



Special Topic: Trends and Trajectories

Regional Growth Committee
August 21, 2014

