

# 2040 Comprehensive Plan Composite

March 18, 2021

Land Use Advisory Committee



# Today's Agenda

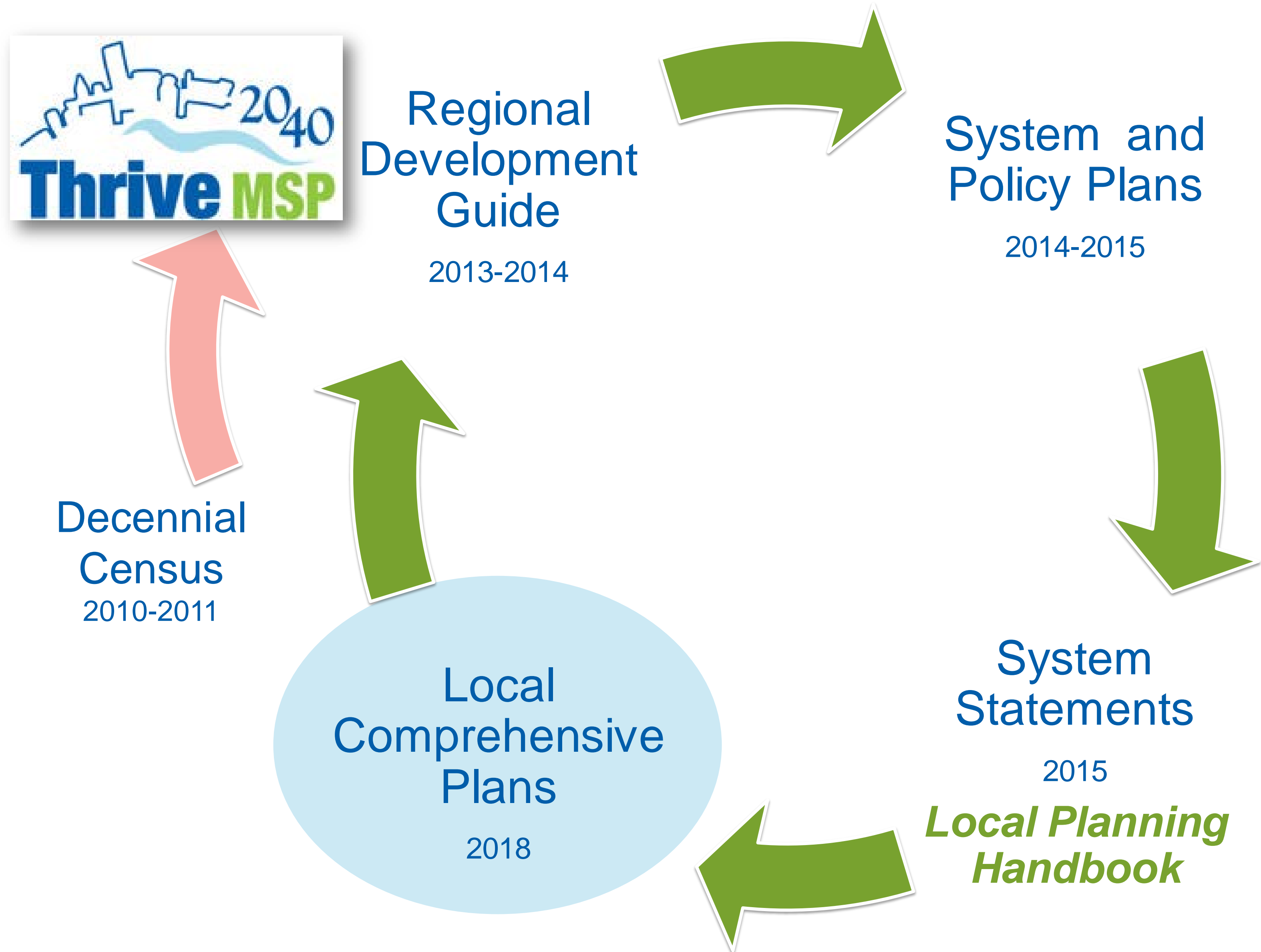
## Setting the Stage

## Headlines by Planning Topic

- Land Use
- Housing
- Transportation
- Water Resources
- Parks, Climate Change, and Natural Resources
- Equity, Economic Competitiveness, Aging and Public Health

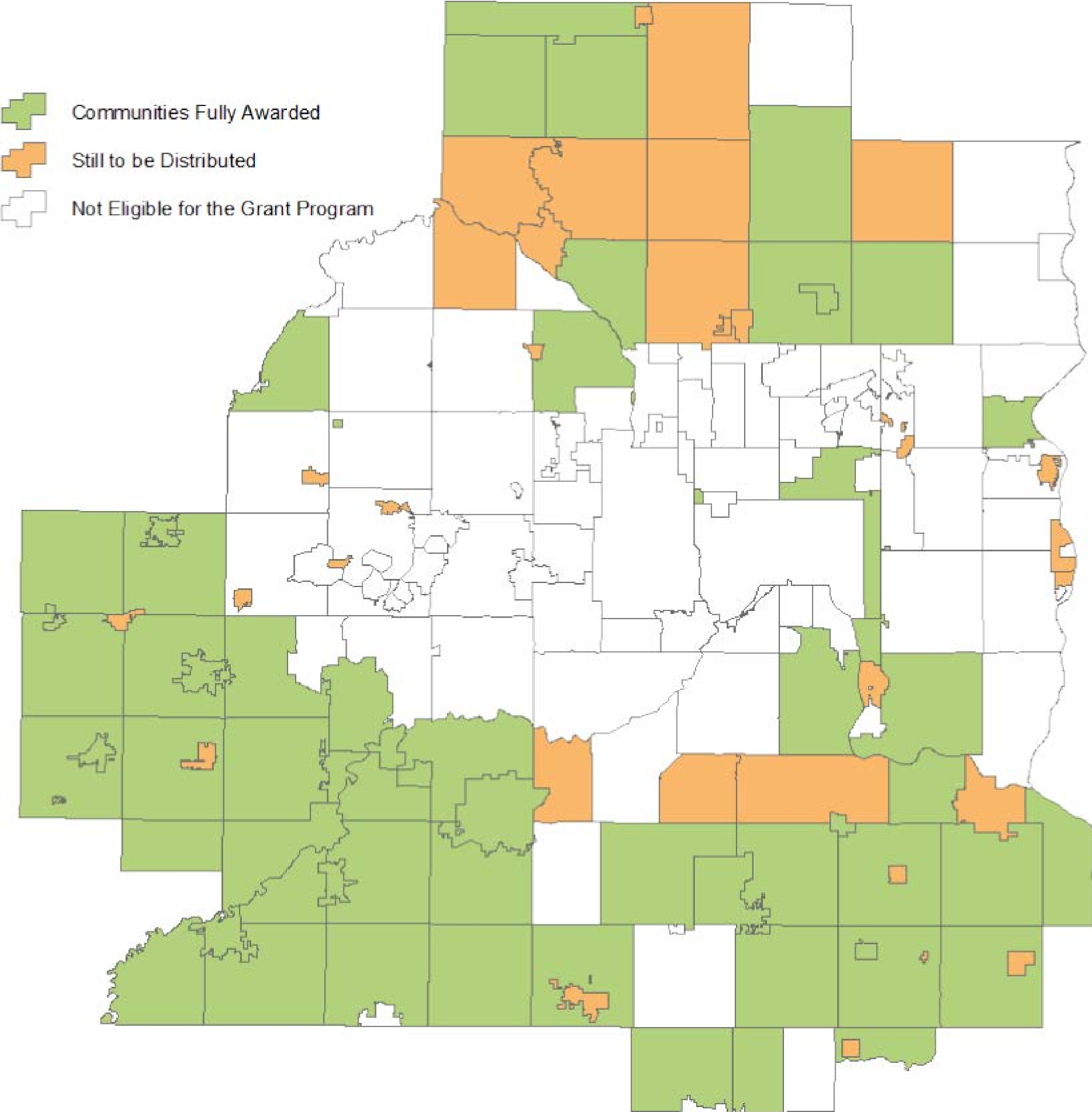
## Next Steps

# 10-year Regional Planning Cycle

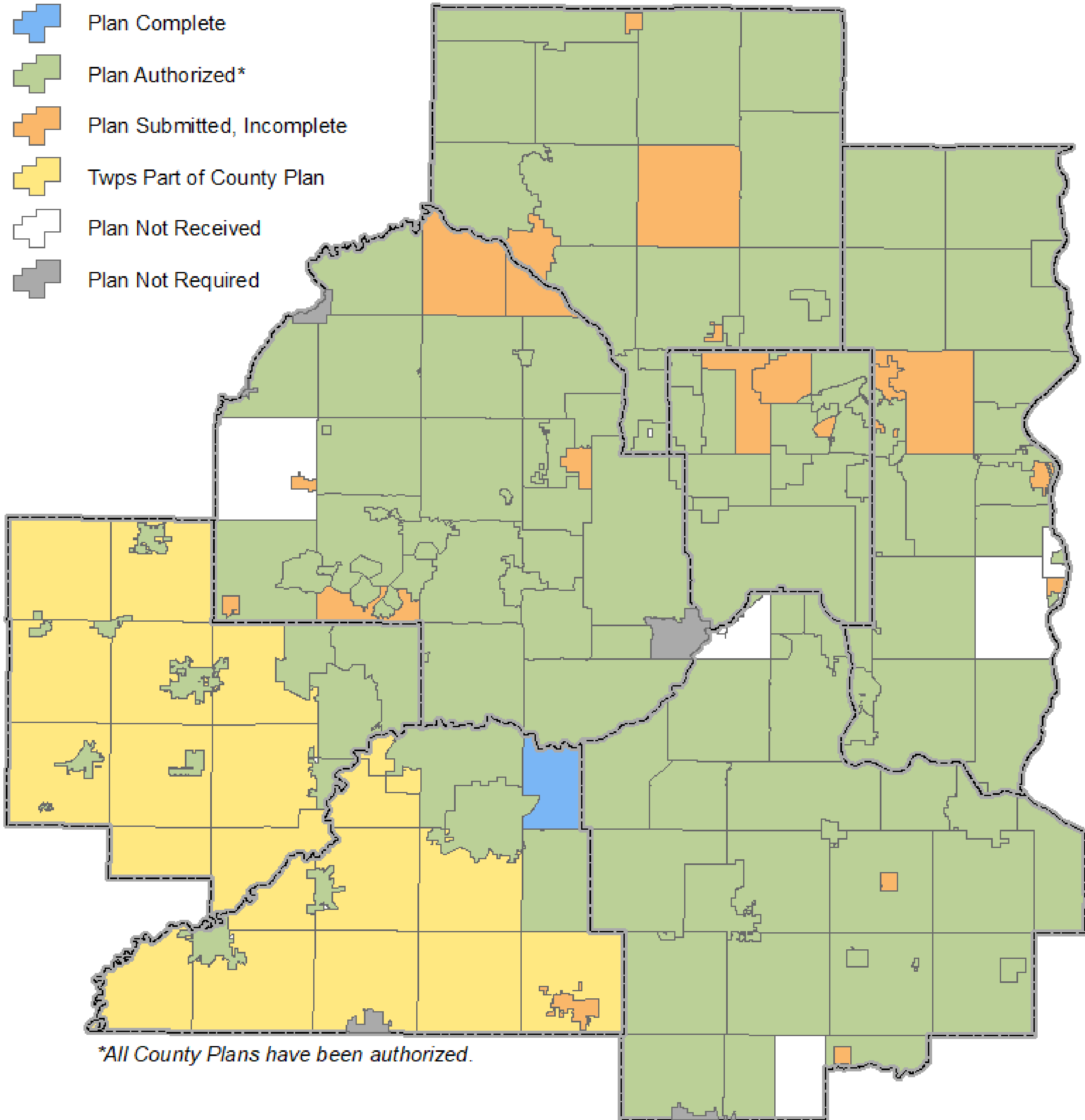


# Planning Grants

- \$1,866,000 in grants awarded
- 69 communities
  
- Total distributed: \$1,482,000
- Still to be distributed: \$384,000



# Plan Status Overview



Total Plans Expected

**168**

Plans Received to Date

**162**

Plans In Process

**0**

Incomplete Plans

**23**

Complete Plans

**1**

Authorized Plans

**138**


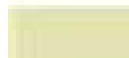


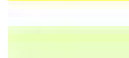



Outstanding Plans

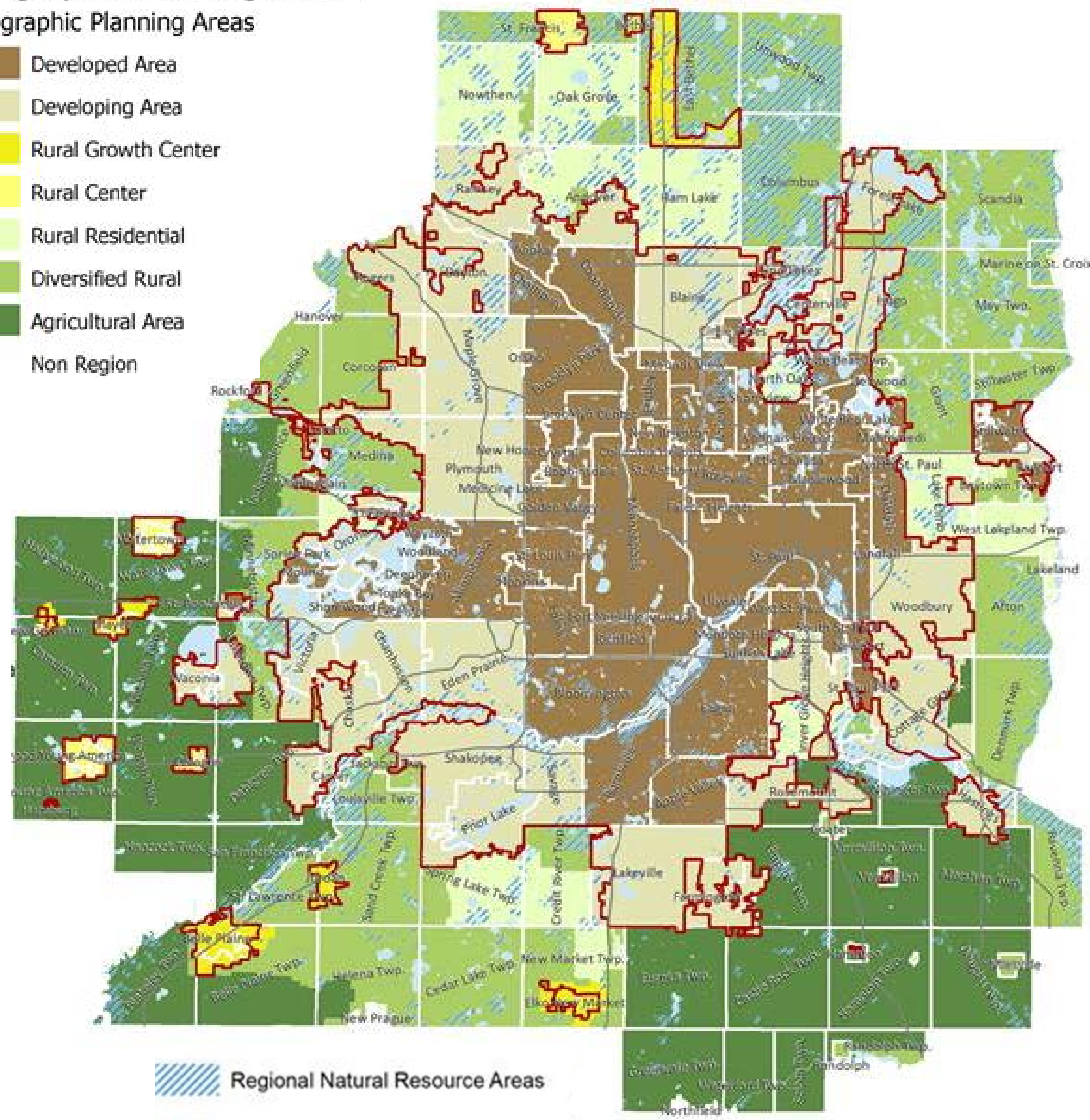
**6**



*\*All County Plans have been authorized.*

# 2030 Regional Development Framework Geographic Planning Areas



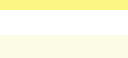
## Geographic Planning Areas

-  Developed Area
-  Developing Area
-  Rural Growth Center
-  Rural Center
-  Rural Residential
-  Diversified Rural
-  Agricultural Area
-  Non Region



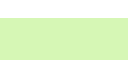



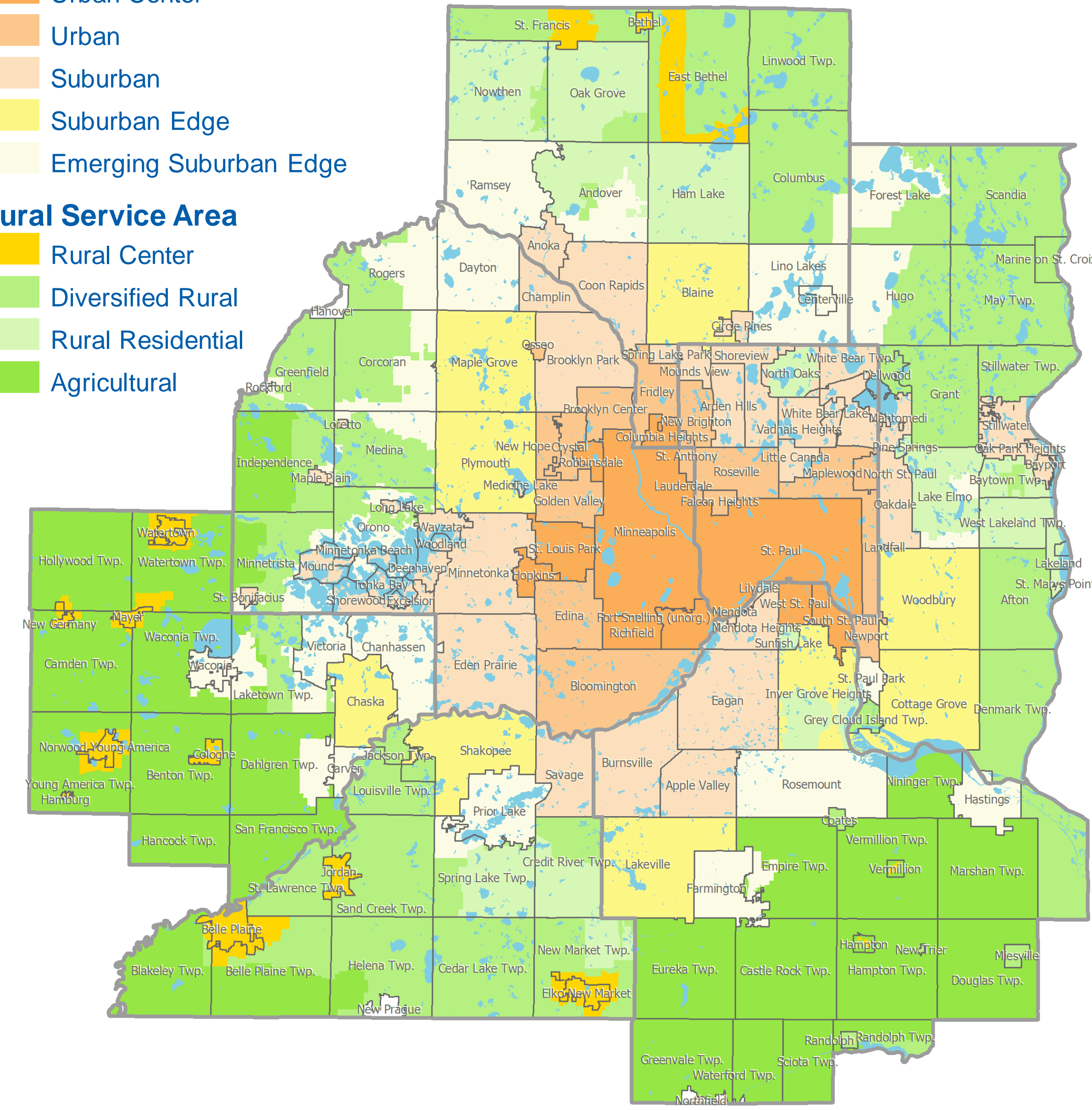
-  Regional Natural Resource Areas
-  2030 Metropolitan Urban Service Area

# 2040 Thrive Community Designations Metropolitan Urban Service Area

-  Urban Center
-  Urban
-  Suburban
-  Suburban Edge
-  Emerging Suburban Edge

## Rural Service Area

-  Rural Center
-  Diversified Rural
-  Rural Residential
-  Agricultural



# Questions for Consideration

- What additional foundational information might you need/want in order to fully understand the planning topic?
- What else do you need/want to know to inform land use policy development for the Council? What research question does this information prompt for you?
- Are there other areas not included in today's presentation that you want/need additional information?

# Land Use



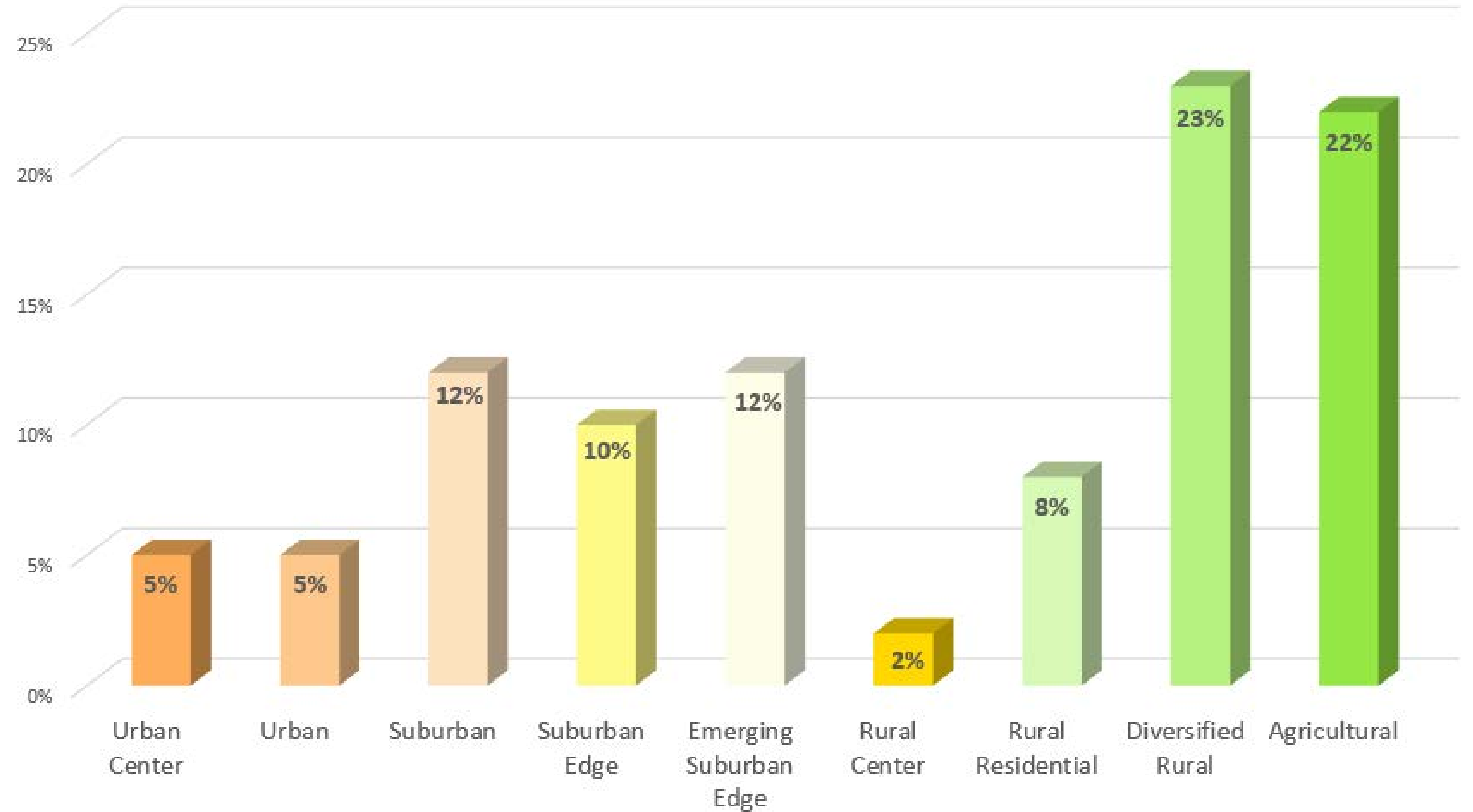
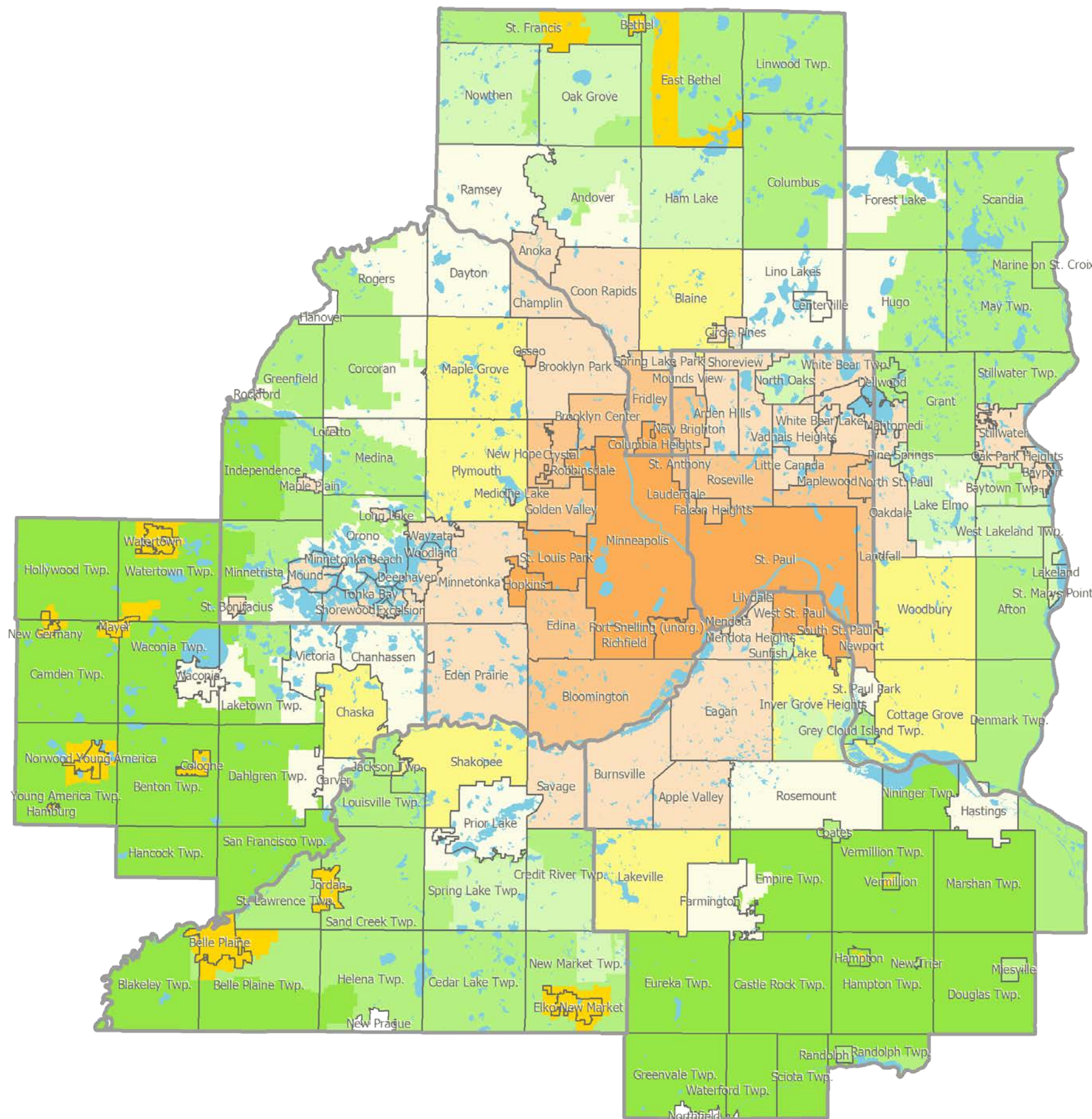
# Planning for Residential Growth

- Regional forecasts for 2040 are lower
  - New 2040: 1,447,000 households
  - Old 2030: 1,492,000 households
- Change in forecasts is not uniform across region
  - Some cities are growing faster (e.g., Minneapolis, Edina)
  - Some cities have excess capacity
- Metropolitan Council's commitment
  - “Honor” prior plans
  - Adapt to changing development trends

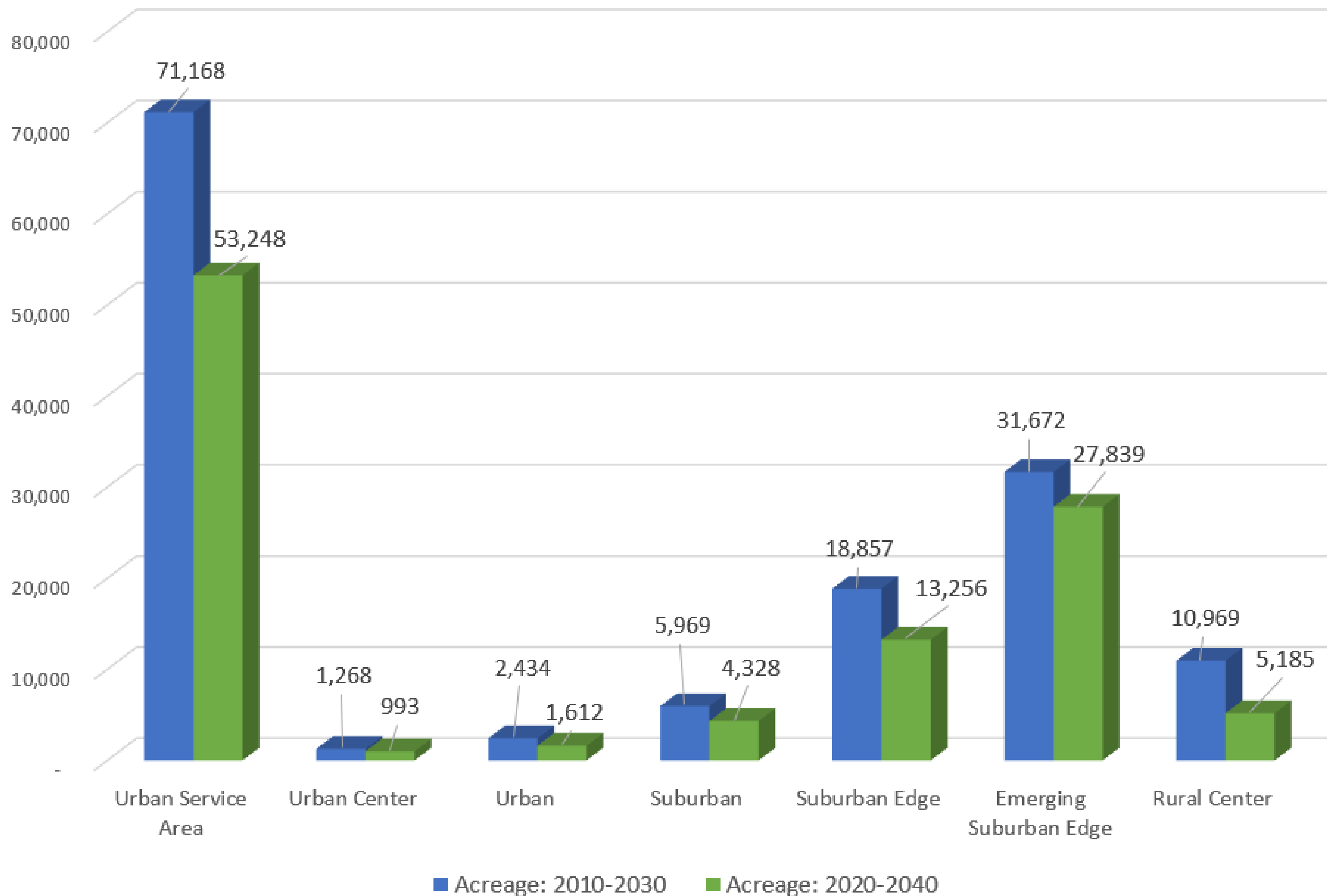
# City Plans for Residential Growth

- Fewer acres, though still plenty to accommodate growth
- Higher density guiding to support multi-family market shift
- Higher capacity resulting from density increase
- Mixed use districts, both vertical and horizontal

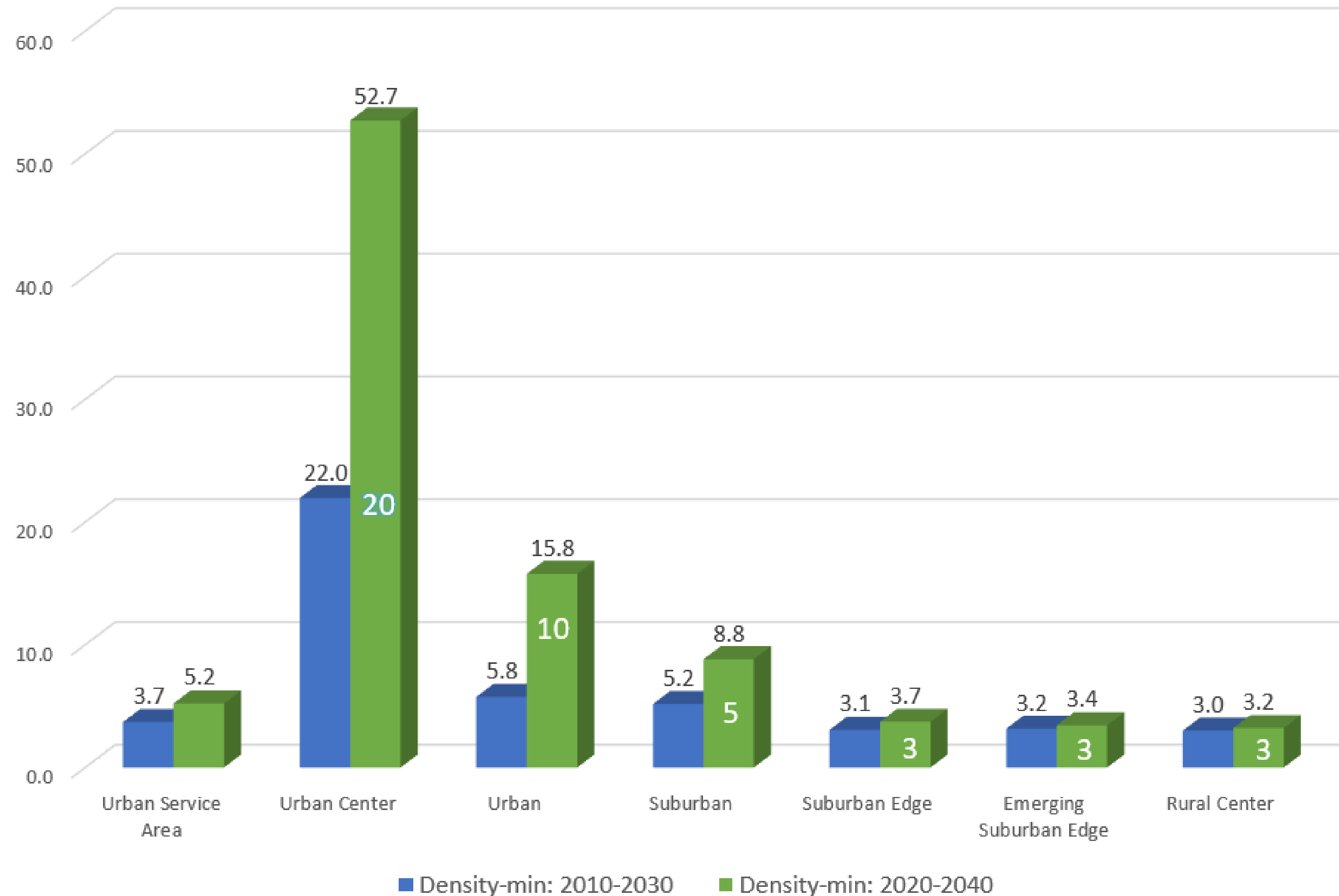
# Community Designation Land Area



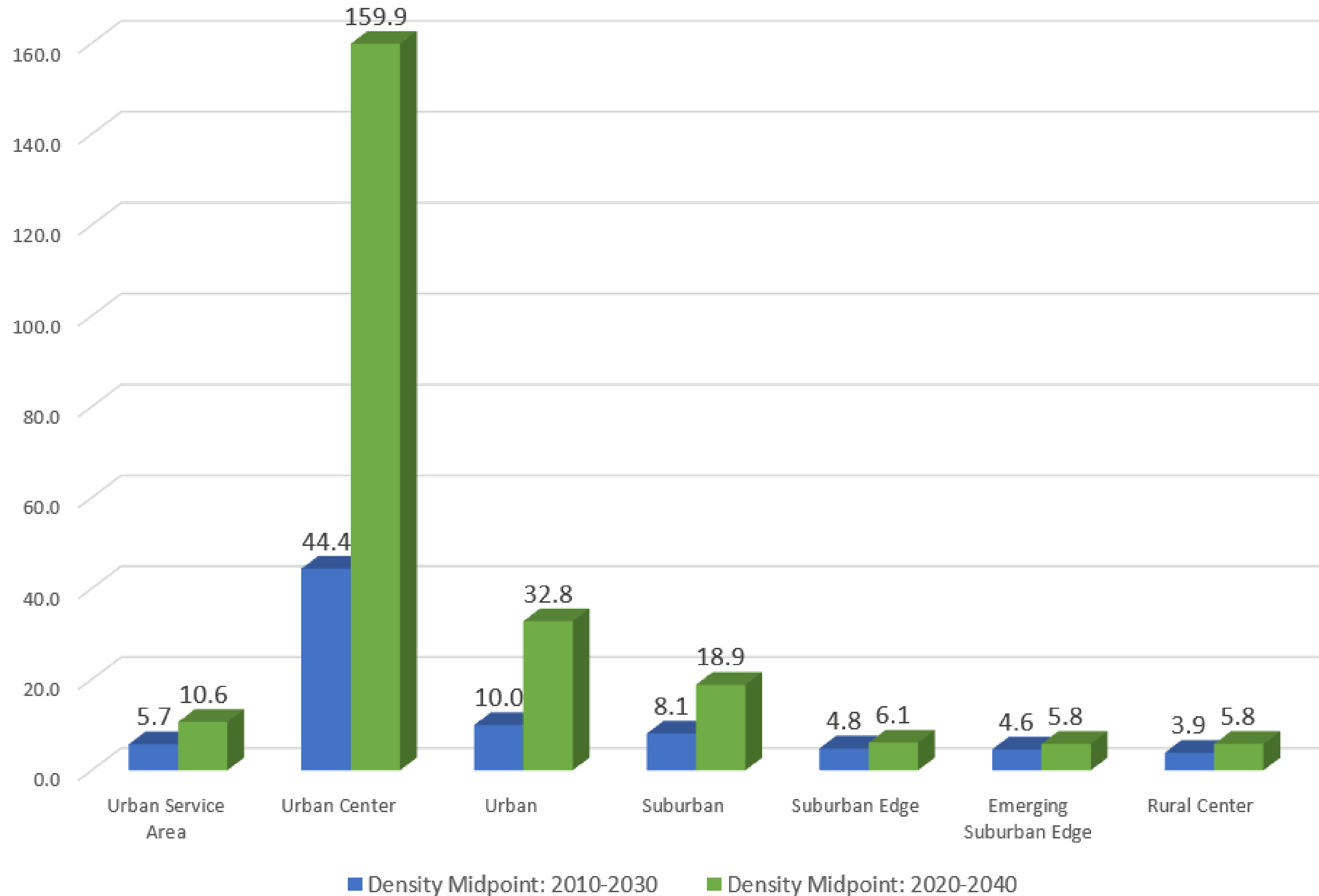
# Land Supply Comparison



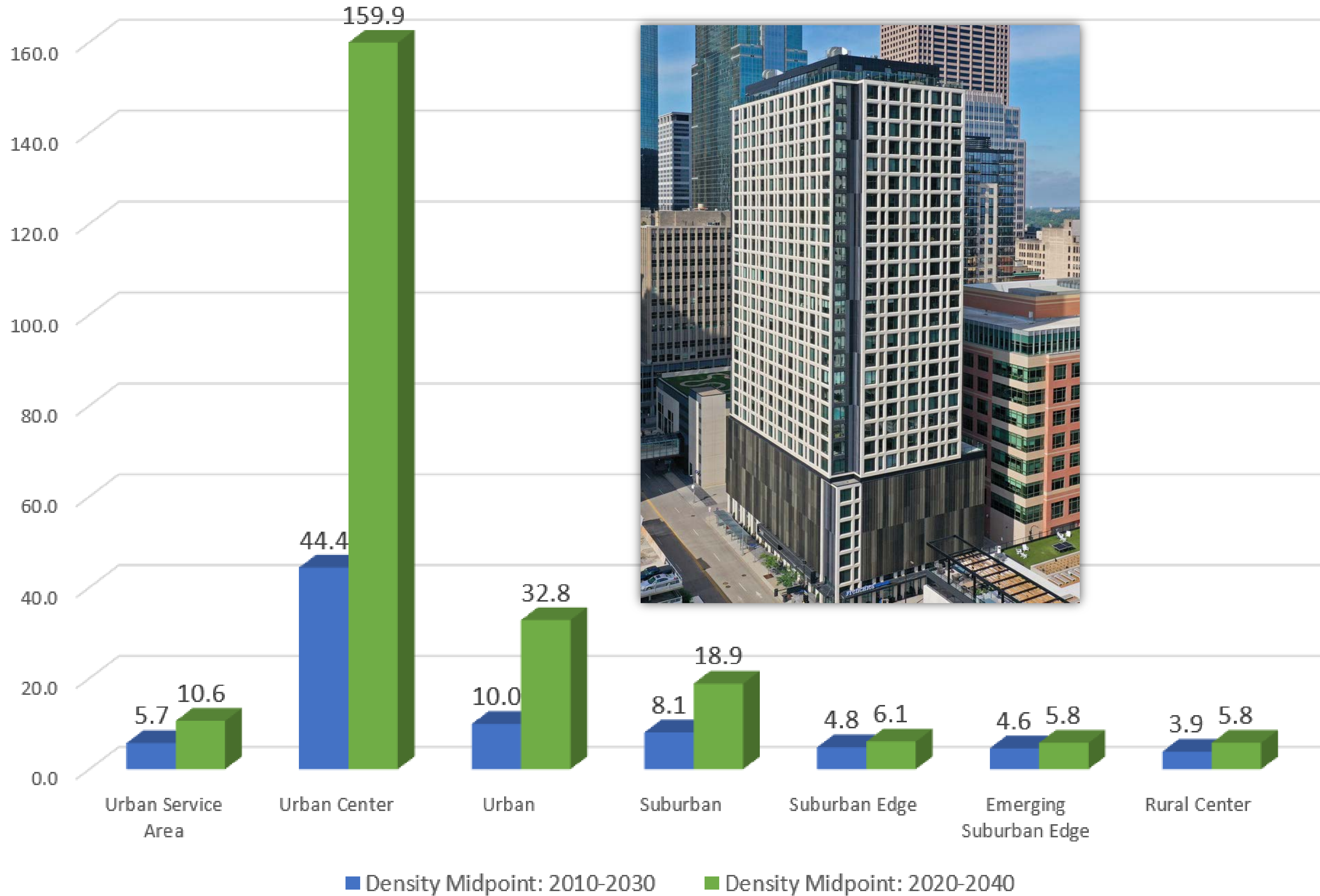
# Overall Minimum Density Increase



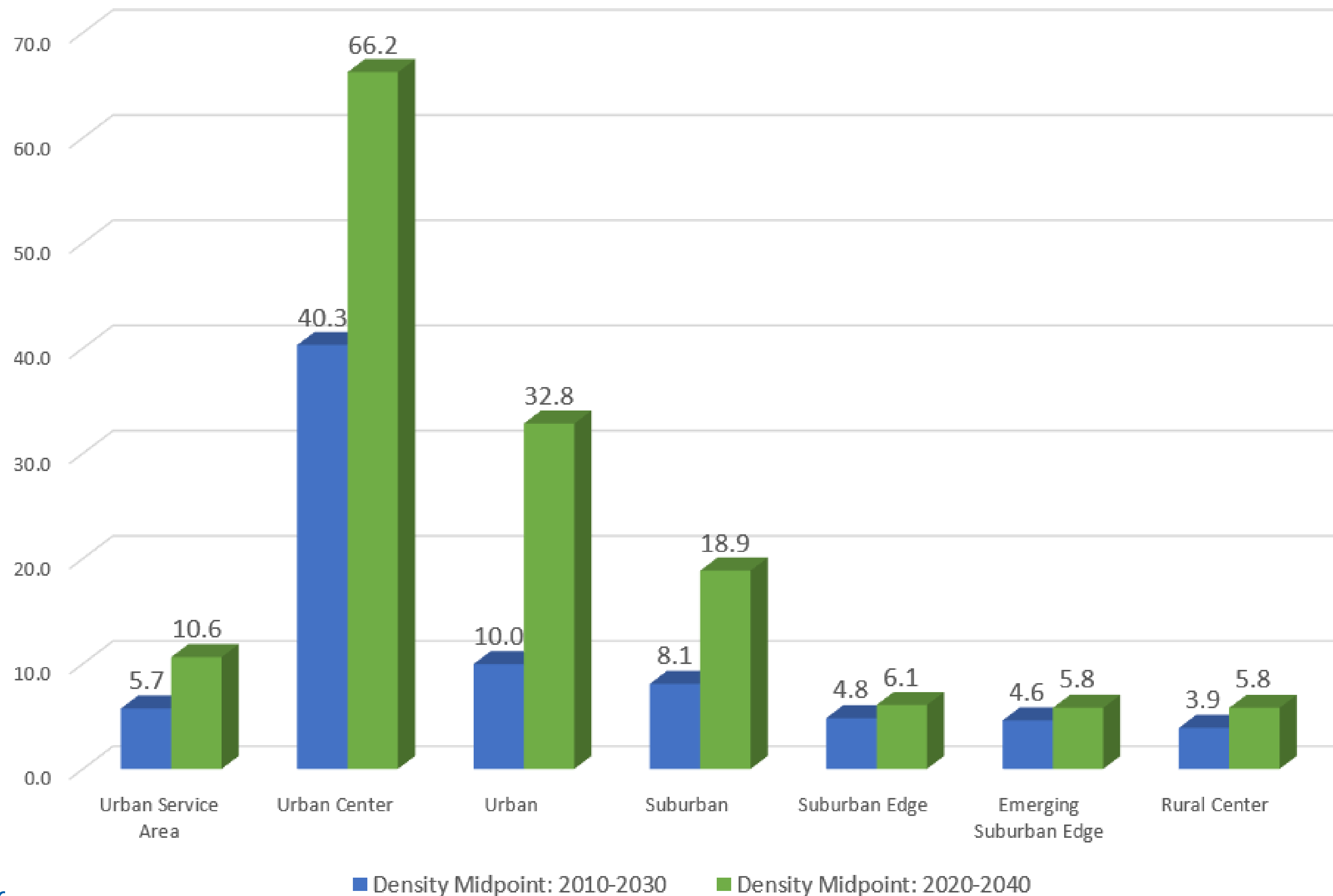
# Midpoint Density Increased



# Midpoint Density Increased

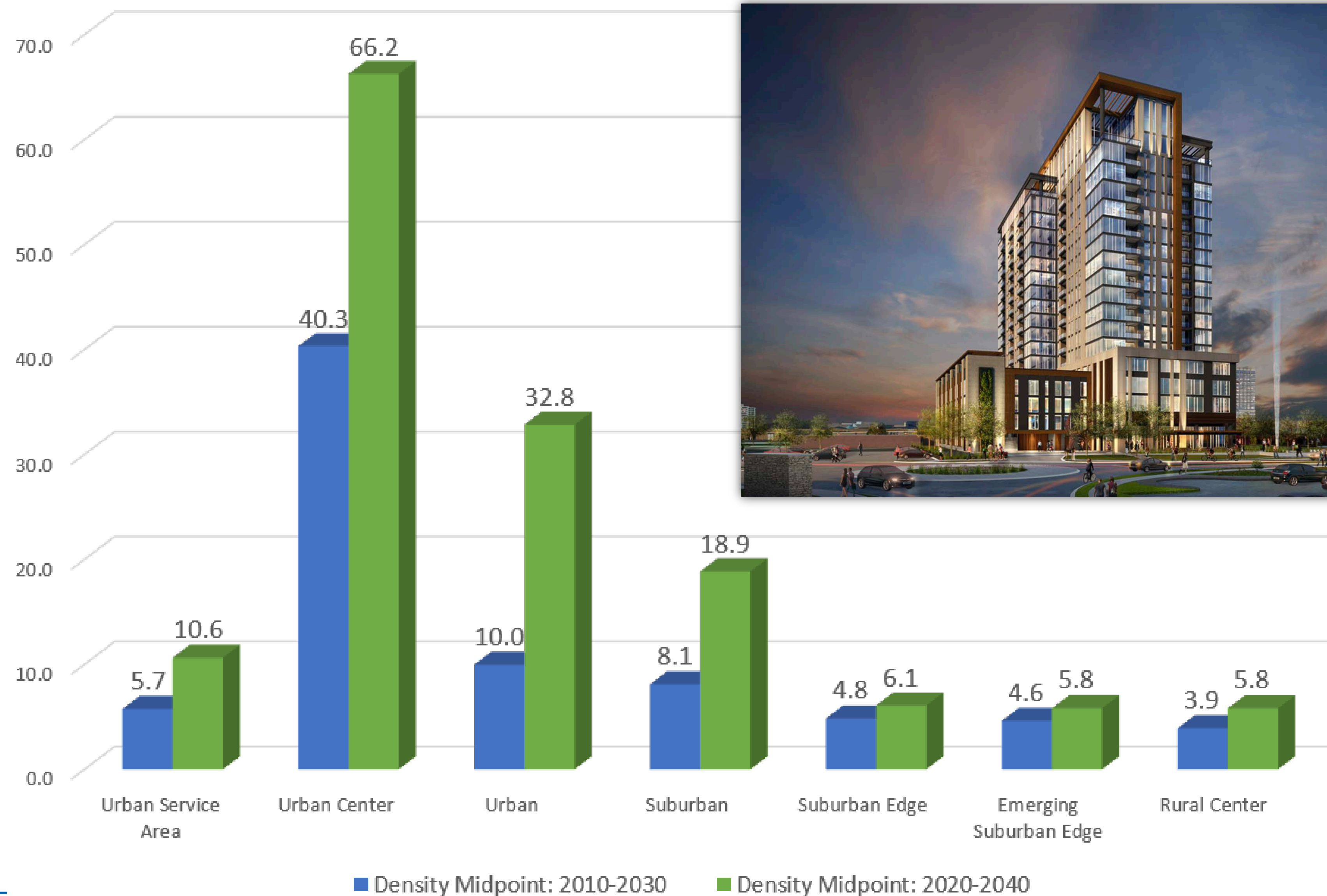


# Midpoint Density without Minneapolis

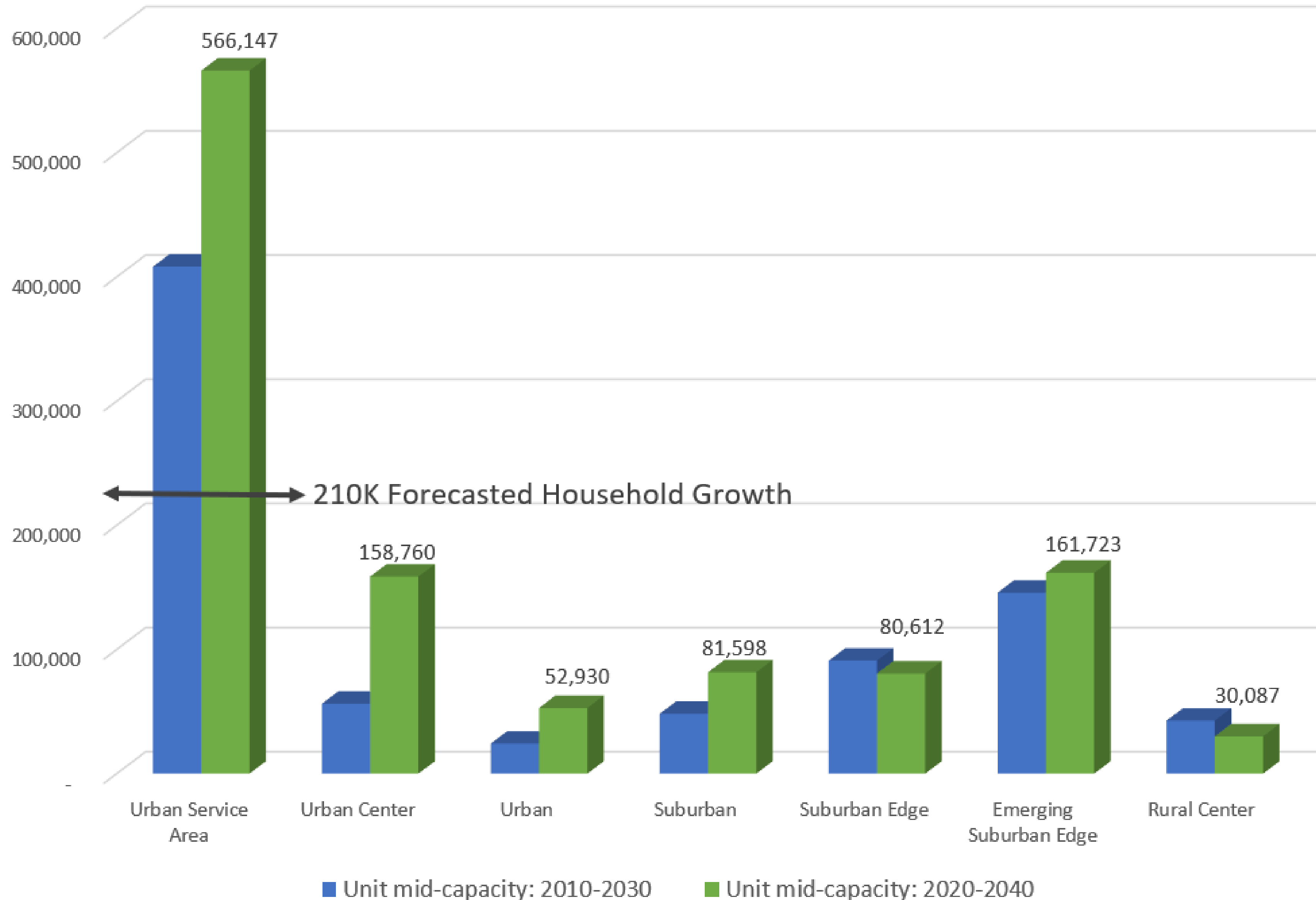




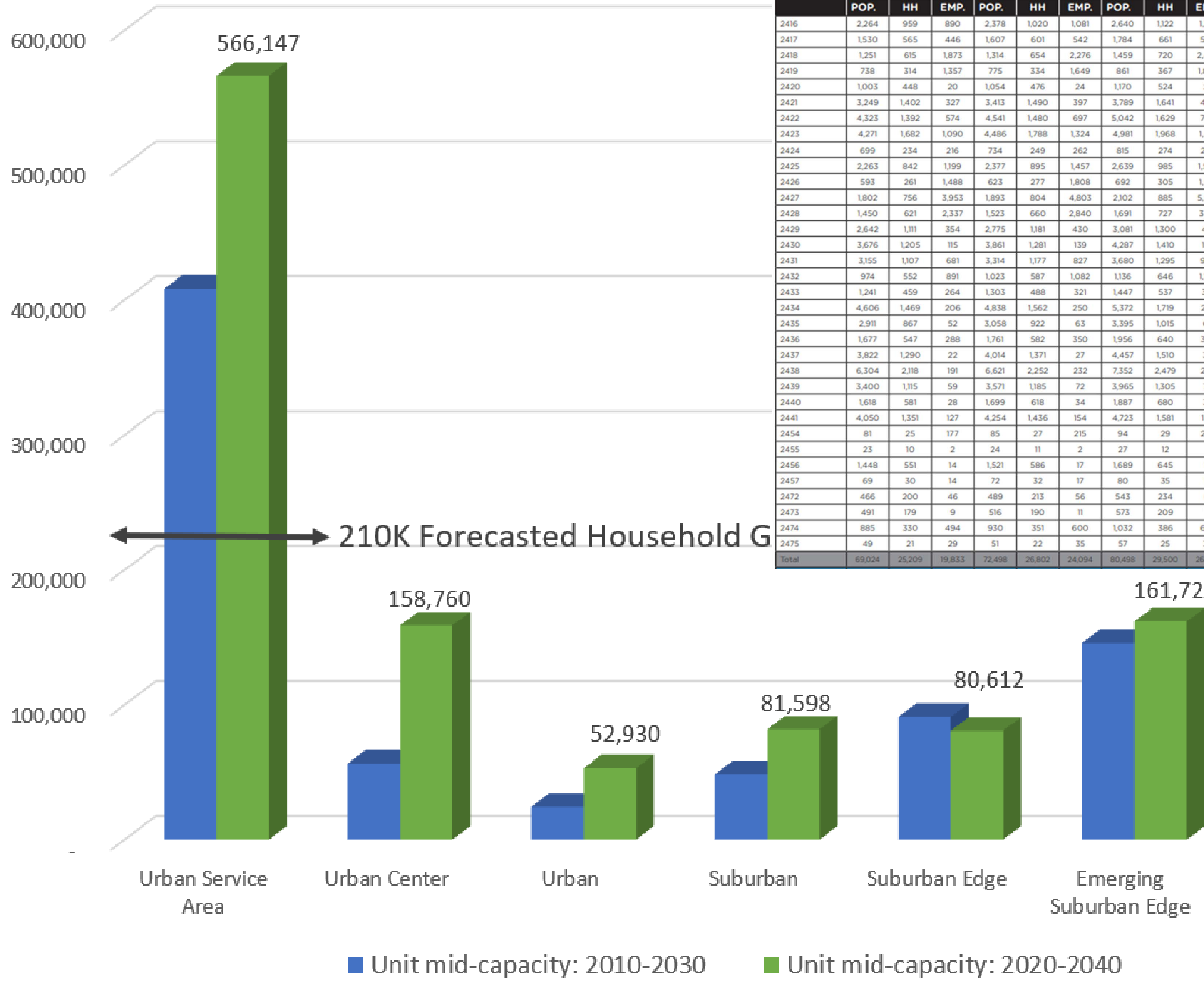
# Midpoint Density without Minneapolis



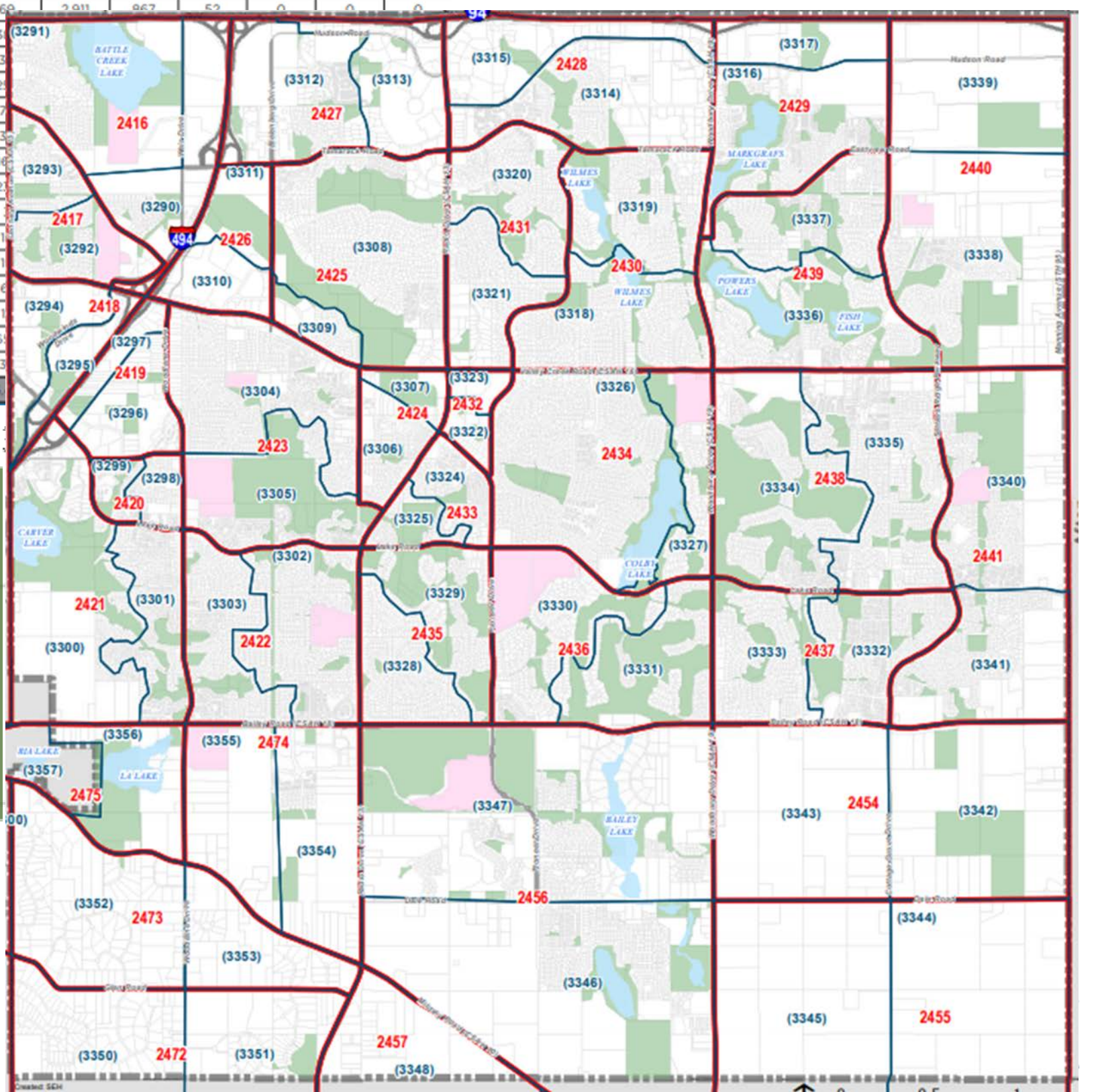
# Housing Capacity Increased



# Housing Capacity Increased



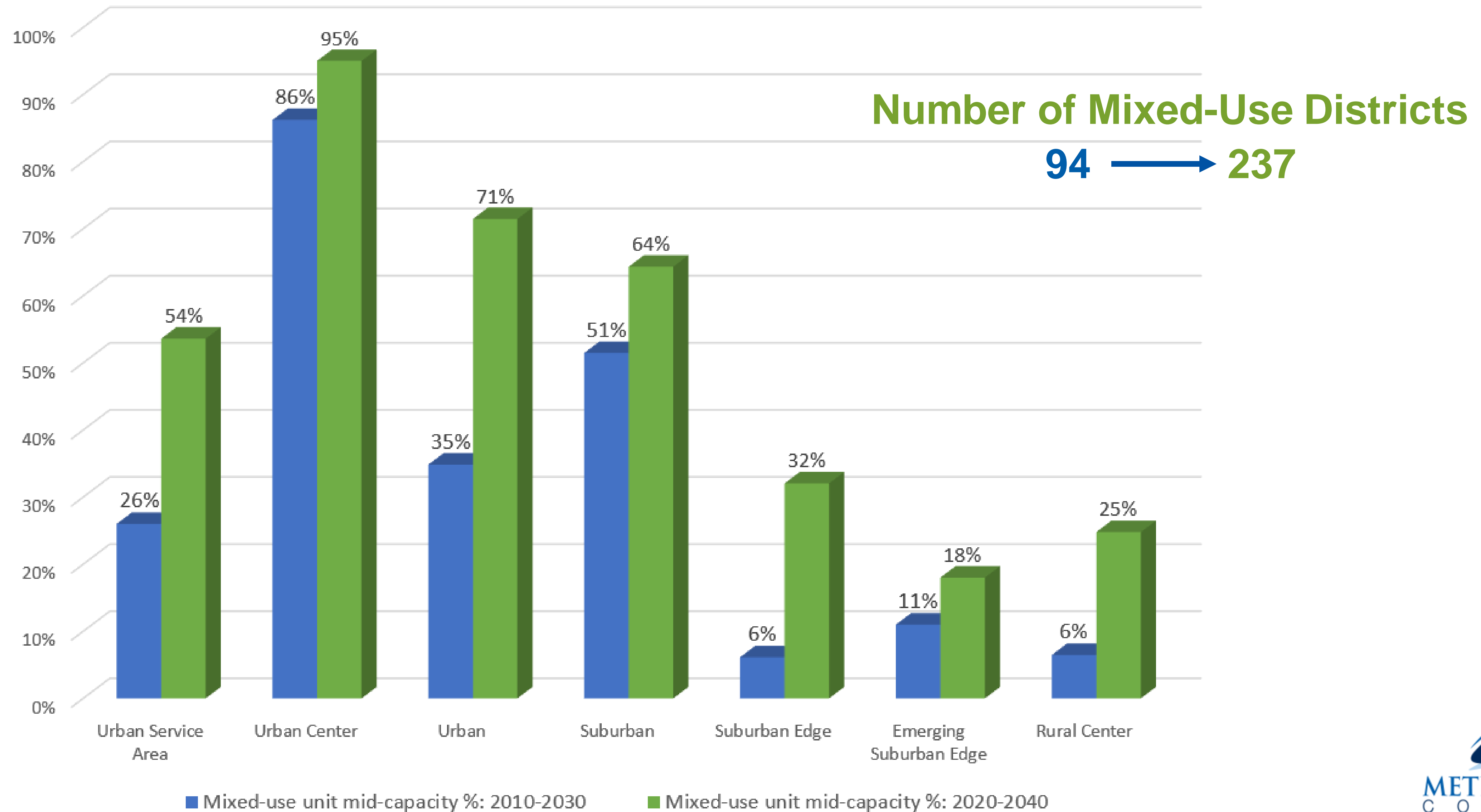
CITY OF WOODBURY SOCIOECONOMIC DATA SUMMARY IN THE REGIONAL MODEL															
TAZ	2015			2020			2030			2040			CHANGE (2015-2040)		
	POP.	HH	EMP.	POP.	HH	EMP.	POP.	HH	EMP.	POP.	HH	EMP.	POP.	HH	EMP.
2416	2,264	959	890	2,378	1,020	1,081	2,640	1,122	1,185	3,121	1,277	1,801	857	318	911
2417	1,530	565	446	1,607	601	542	1,784	661	594	1,574	581	446	44	16	0
2418	1,251	615	1,873	1,314	654	2,276	1,459	720	2,493	1,255	617	2,721	4	2	848
2419	738	314	1,357	775	334	1,649	861	367	1,807	738	314	1,586	0	0	229
2420	1,003	448	20	1,054	476	24	1,170	524	27	1,011	451	20	8	3	0
2421	3,249	1,402	327	3,413	1,490	397	3,789	1,641	435	3,783	1,600	602	534	198	275
2422	4,323	1,392	574	4,541	1,480	697	5,042	1,629	764	4,326	1,393	574	3	1	0
2423	4,271	1,682	1,090	4,486	1,788	1,324	4,981	1,968	1,451	4,302	1,694	1,090	31	12	0
2424	699	234	216	734	249	262	815	274	288	700	234	216	1	0	0
2425	2,263	842	1,199	2,377	895	1,457	2,639	985	1,596	2,268	844	1,199	5	2	0
2426	593	261	1,488	623	277	1,808	692	305	1,981	593	261	2,399	0	0	911
2427	1,802	756	3,953	1,893	804	4,803	2,102	885	5,262	1,802	756	4,228	0	0	275
2428	1,450	621	2,337	1,523	660	2,840	1,691	727	3,110	2,033	837	3,713	583	216	1,376
2429	2,642	1,111	354	2,775	1,181	430	3,081	1,300	471	3,441	1,407	2,175	799	296	1,821
2430	3,676	1,205	115	3,861	1,281	139	4,287	1,410	153	3,676	1,205	115	0	0	0
2431	3,155	1,107	681	3,314	1,177	827	3,680	1,295	907	3,155	1,107	681	0	0	0
2432	974	552	891	1,023	587	1,082	1,136	646	1,186	974	552	891	0	0	0
2433	1,241	459	264	1,303	488	321	1,447	537	351	1,241	459	264	0	0	0
2434	4,606	1,469	206	4,838	1,562	250	5,372	1,719	274	4,726	1,513	206	120	44	0
2435	2,911	867	52	3,058	922	63	3,395	1,015	60	2,911	867	52	0	0	0
2436	1,677	547	288	1,761	582	350	1,956	640	3	1,677	547	288	0	0	0
2437	3,822	1,290	22	4,014	1,371	27	4,457	1,510	2	3,822	1,290	22	0	0	0
2438	6,304	2,118	191	6,621	2,252	232	7,352	2,479	2	6,304	2,118	191	0	0	0
2439	3,400	1,115	59	3,571	1,185	72	3,965	1,305	7	3,400	1,115	59	0	0	0
2440	1,618	581	28	1,699	618	34	1,887	680	1	1,618	581	28	0	0	0
2441	4,050	1,351	127	4,254	1,436	154	4,723	1,581	16	4,050	1,351	127	0	0	0
2454	81	25	177	85	27	215	94	29	2	81	25	177	0	0	0
2455	23	10	2	24	11	2	27	12	1	23	10	2	0	0	0
2456	1,448	551	14	1,521	586	17	1,689	645	1	1,448	551	14	0	0	0
2457	69	30	14	72	32	17	80	35	1	69	30	14	0	0	0
2472	466	200	46	489	213	56	543	234	6	466	200	46	0	0	0
2473	491	179	9	516	190	11	573	209	6	491	179	9	0	0	0
2474	885	330	494	930	351	600	1,032	386	6	885	330	494	0	0	0
2475	49	21	29	51	22	35	57	25	3	49	21	29	0	0	0
Total	69,024	25,209	19,833	72,498	26,802	24,094	80,498	29,500	26	69,024	25,209	19,833	0	0	0



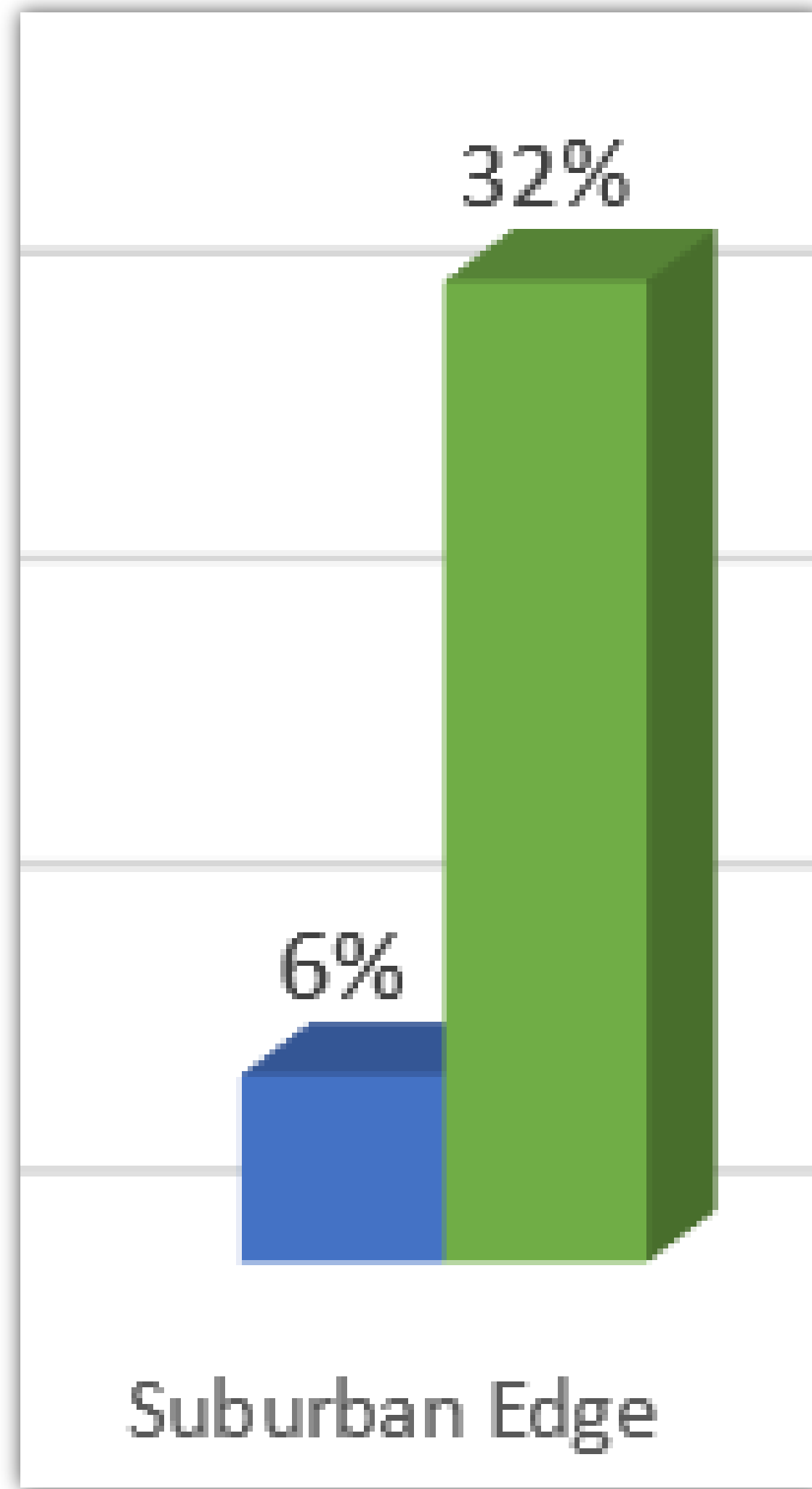
# More Mixed Use

- Central city downtowns
- Streetcar corridors and nodes
- Streetcar suburbs (e.g., Hopkins)
- Suburban regional centers (e.g., Southdale, Ridgedale, Rosedale)
- Historic village centers (e.g., Shakopee, Lakeville, Hastings)
- Suburban planned districts
- Transitway station areas

# Increase in Role of Mixed-Use Districts in Housing



# Increase in Percentage of Mixed-Use Districts

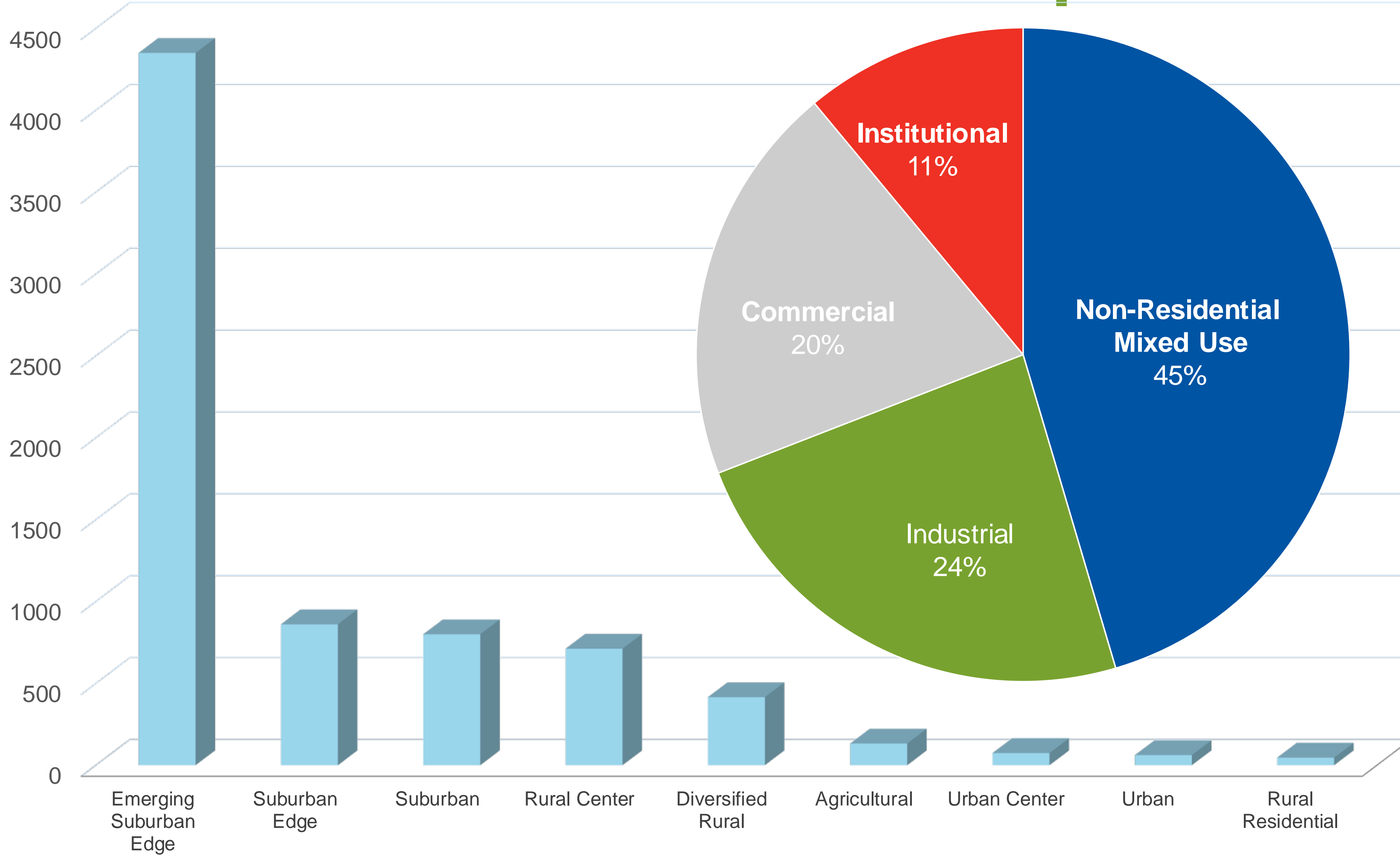


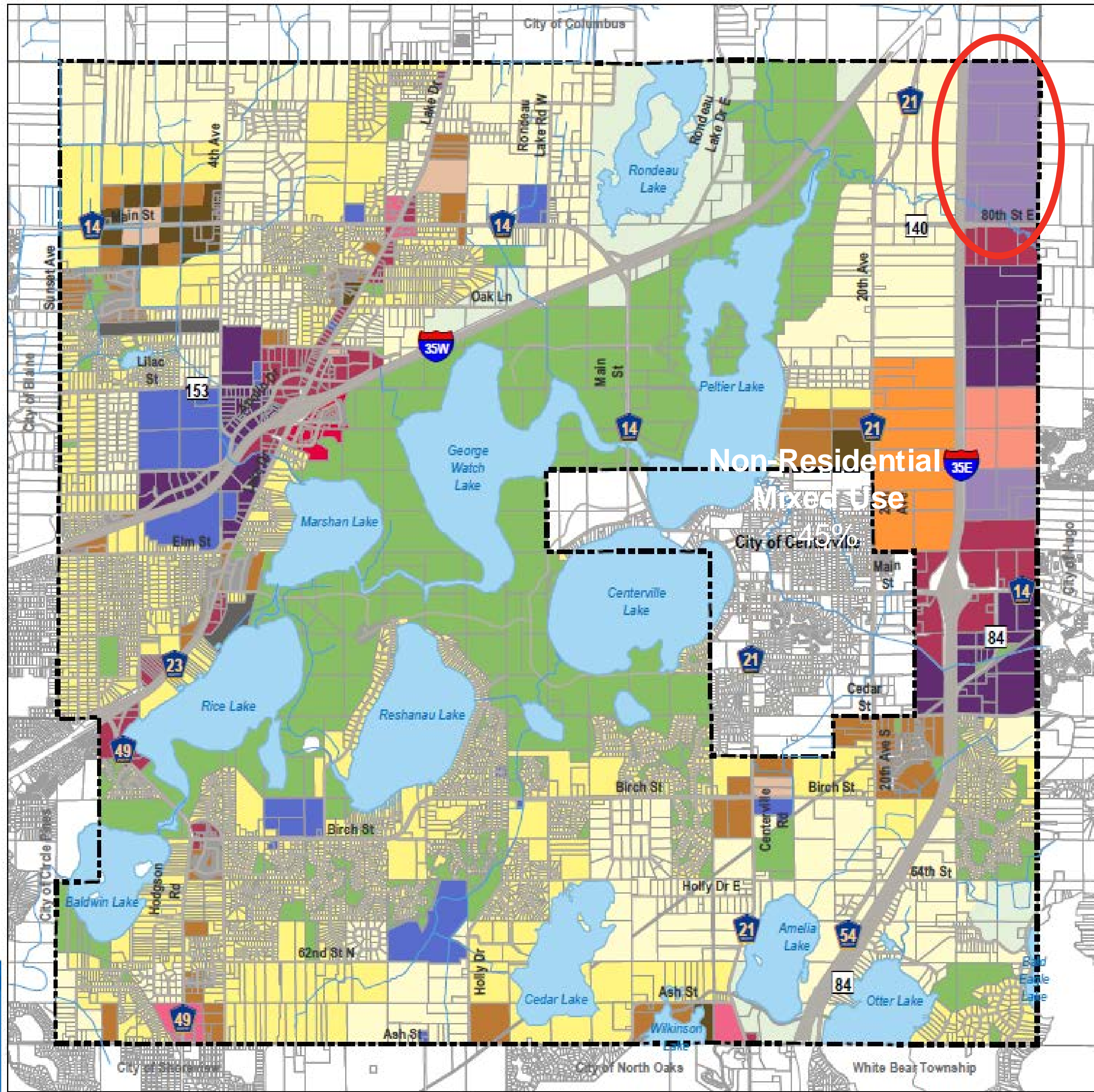
Number of Mixed-Use Districts

8 → 23

- Chaska – 54%
- Cottage Grove – 54%
- Shakopee – 48%
- Plymouth – 26%
- Inver Grove Heights – 24%
- Lakeville – 20%
- Woodbury – 21%
- Maple Grove – 21%

# Non-Residential Land Use Expansion





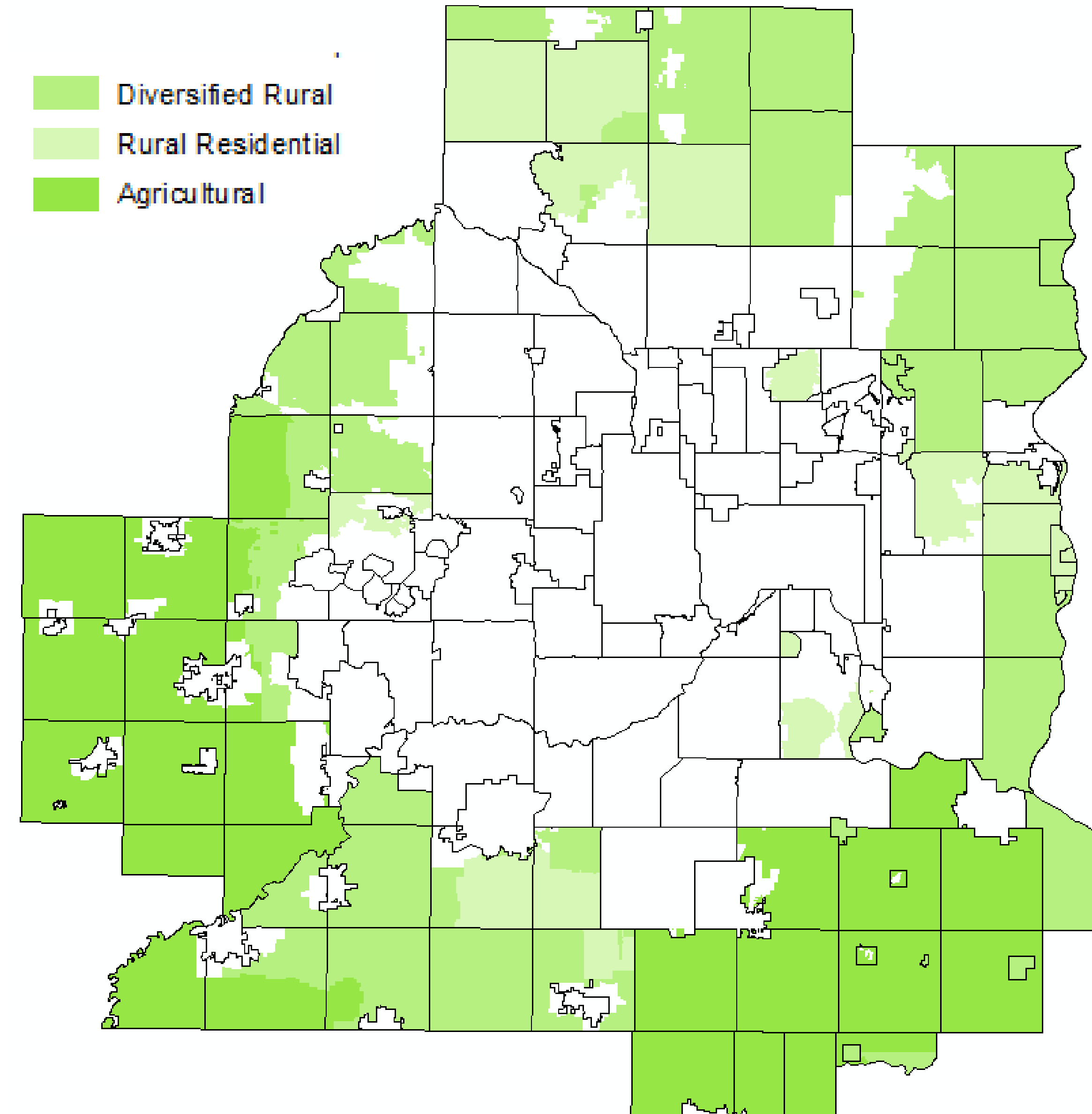
# Non-Residential Expansion: *Case of Lino Lakes*

- New Business Campus Designation



# Rural and Agricultural Patterns Continue

- **Diversified Rural Area**
  - Consistency with 4:40 policy
  - Long-Term Sewer Service Area
- **Rural Residential**
  - No new Rural Residential communities
- **Agricultural**
  - Most remain the same, very little change



# Housing

# Trends and Themes in Housing Planning

Widespread focus on housing for aging populations

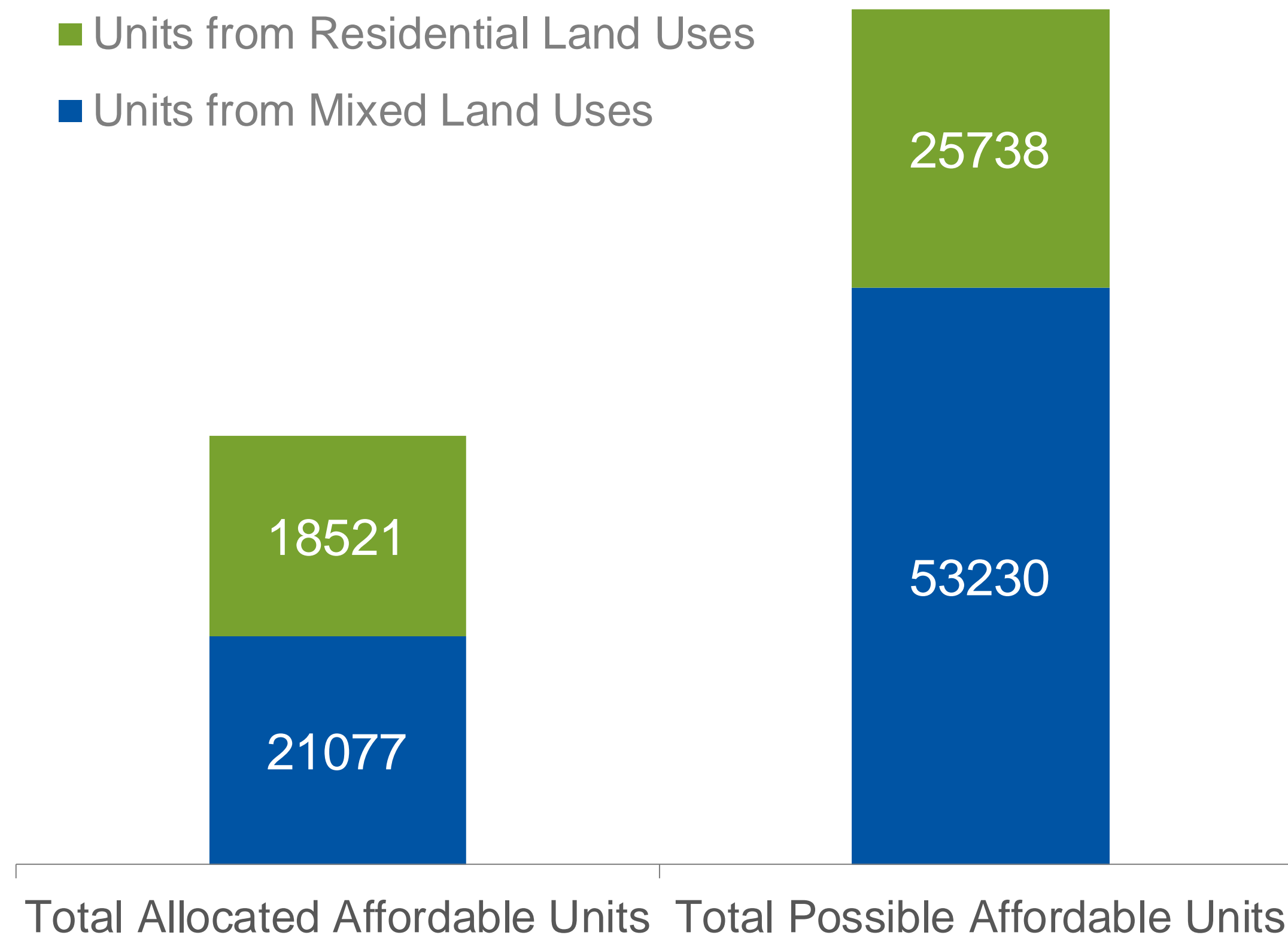
Frequent use of Mixed-use land use categories to guide sufficient land for affordable housing

A new focus on environmentally-friendly housing in some communities

Wide variability in identifying local housing needs

# Affordable Housing in Mixed-use Districts

## Affordable Units by Land Use Type



- 53% of all allocated affordable housing units come from mixed use land use designations\*
- 67% of all possible units would be in mixed use land uses\*

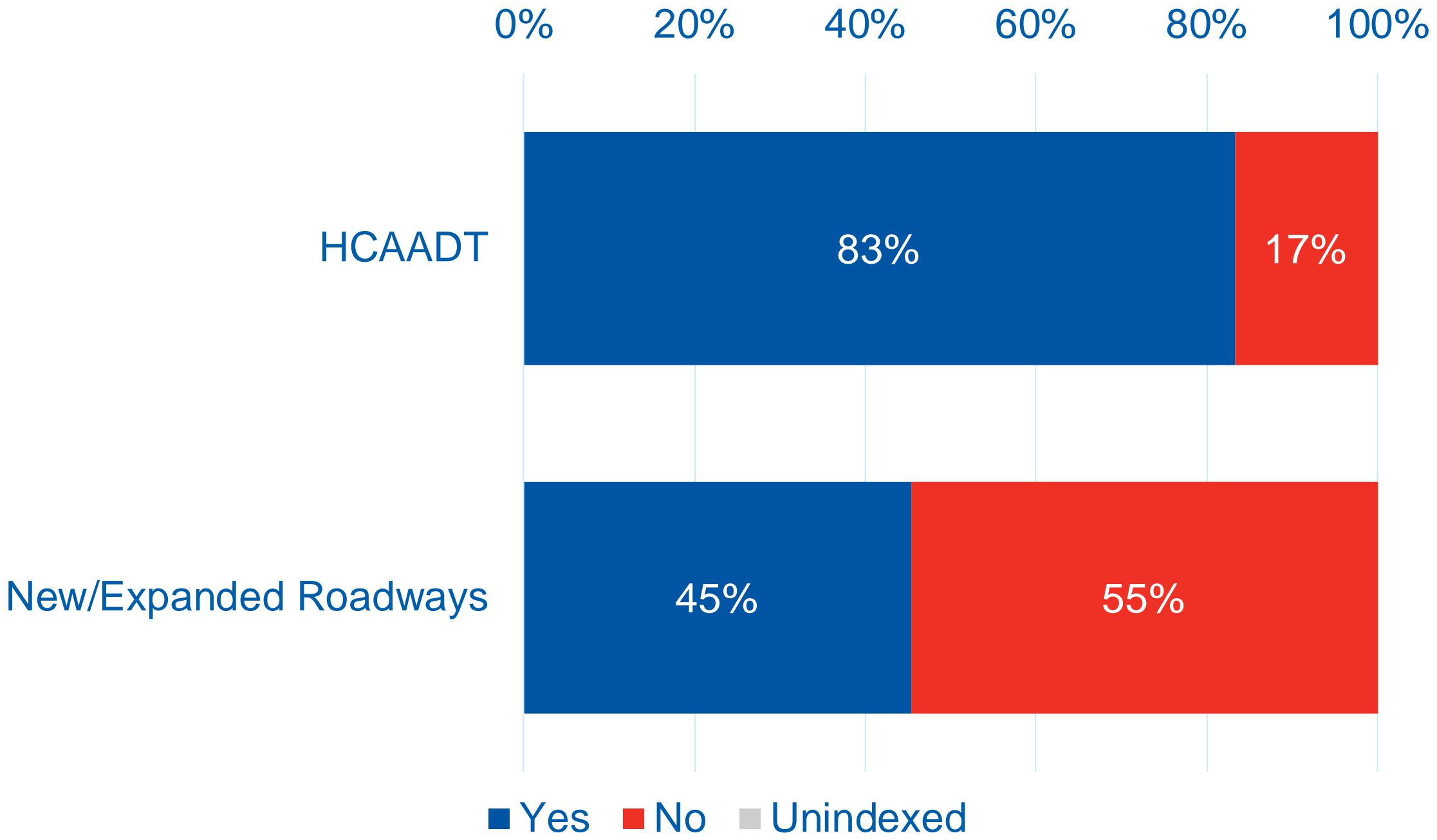
\*assuming minimum density development scenario

# Transportation

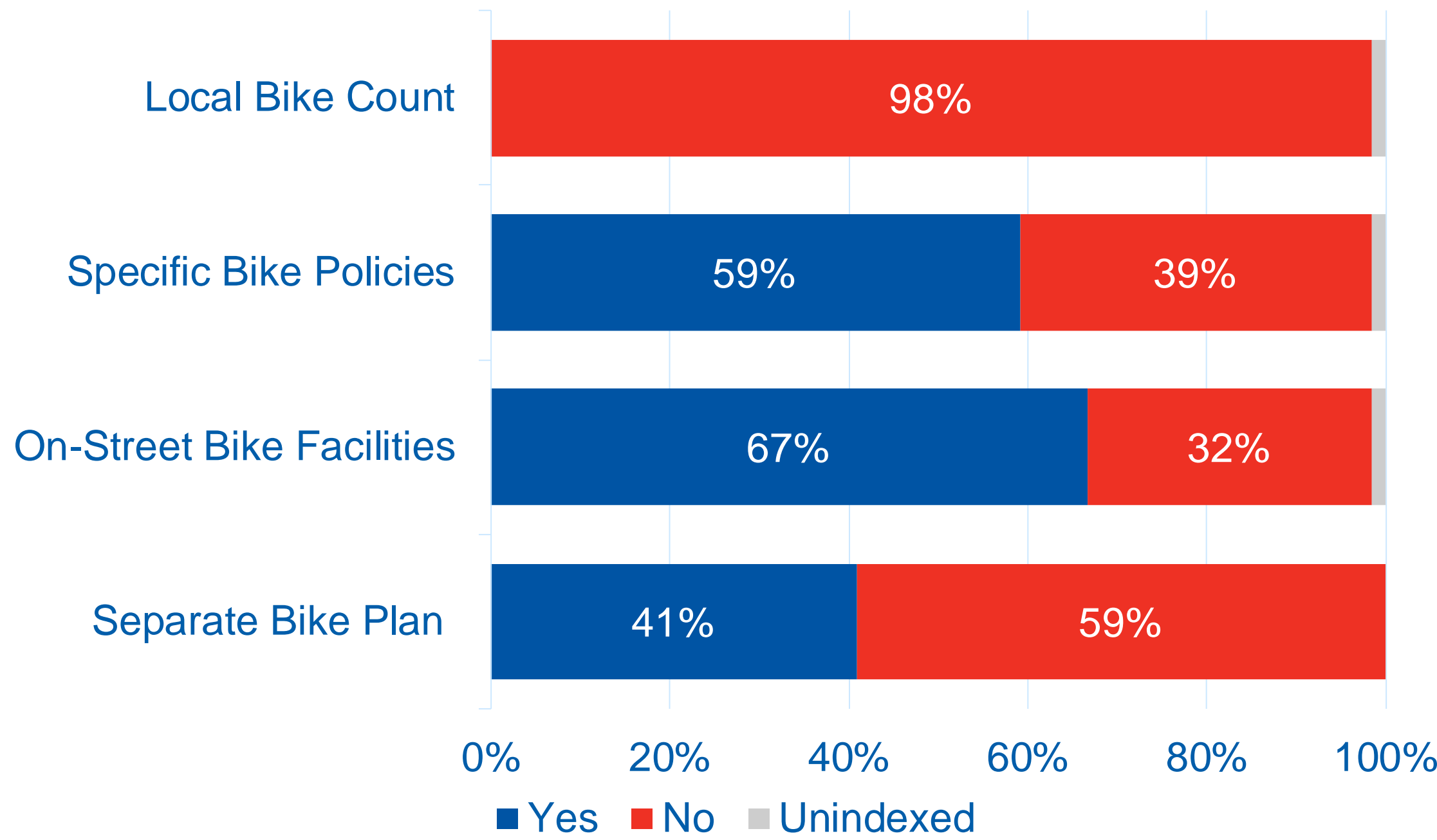


# Transportation Overview

## Highways



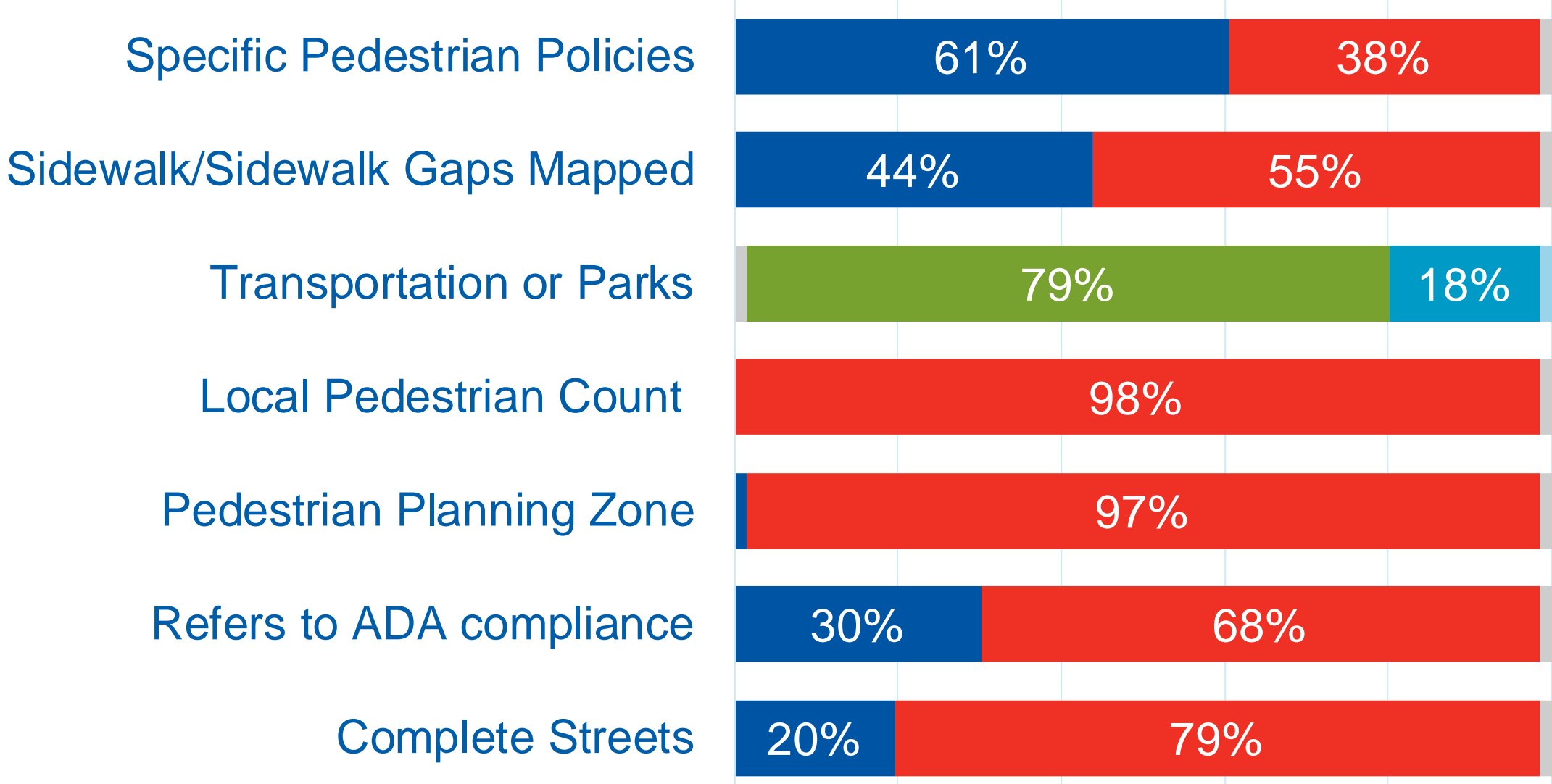
## Biking



# Transportation Overview

## Pedestrian

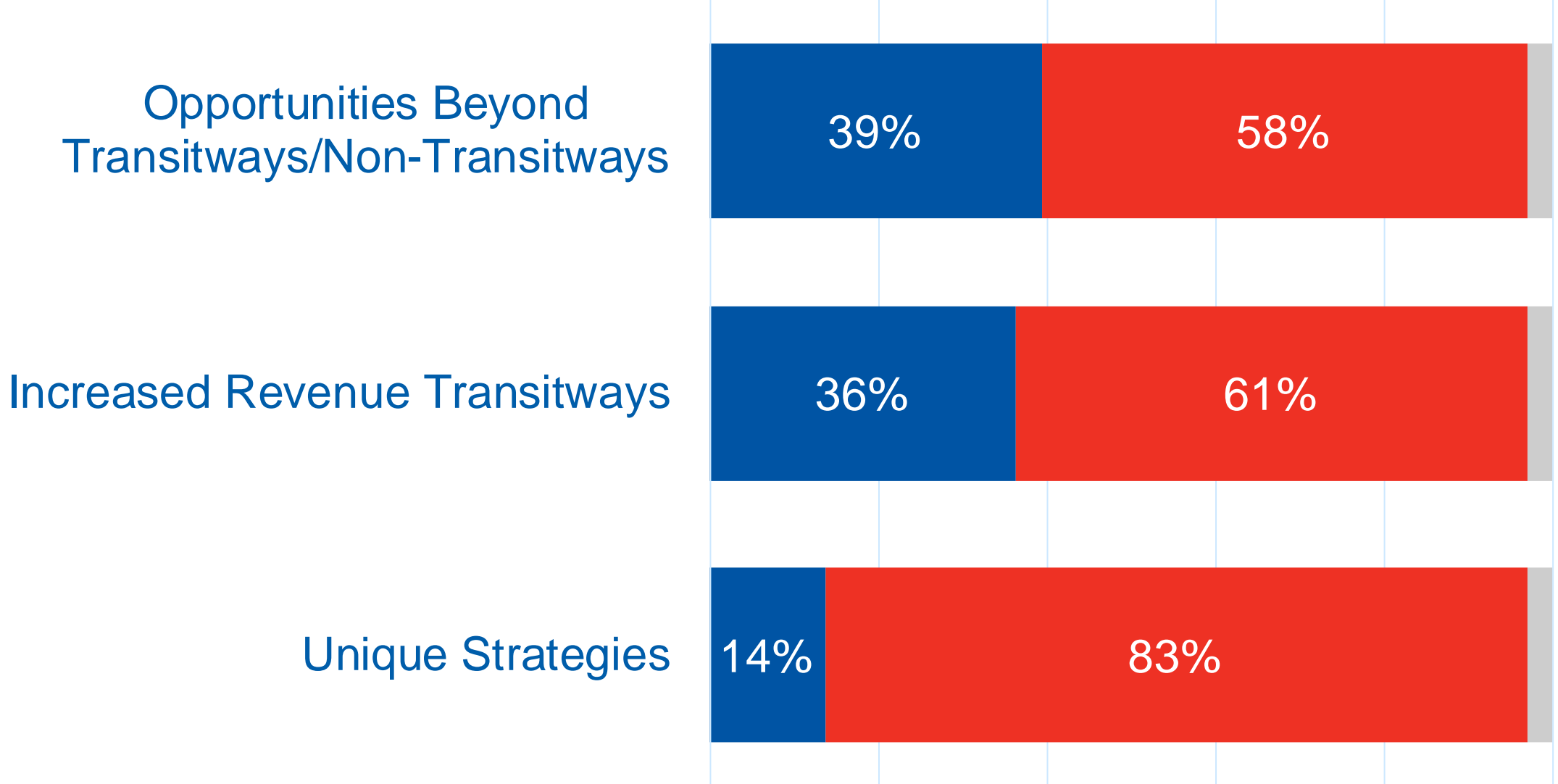
0% 20% 40% 60% 80% 100%



■ Yes ■ No ■ Unindexed ■ Transportation ■ Parks ■ Downtown Framework Plan

## Transit

0% 20% 40% 60% 80% 100%



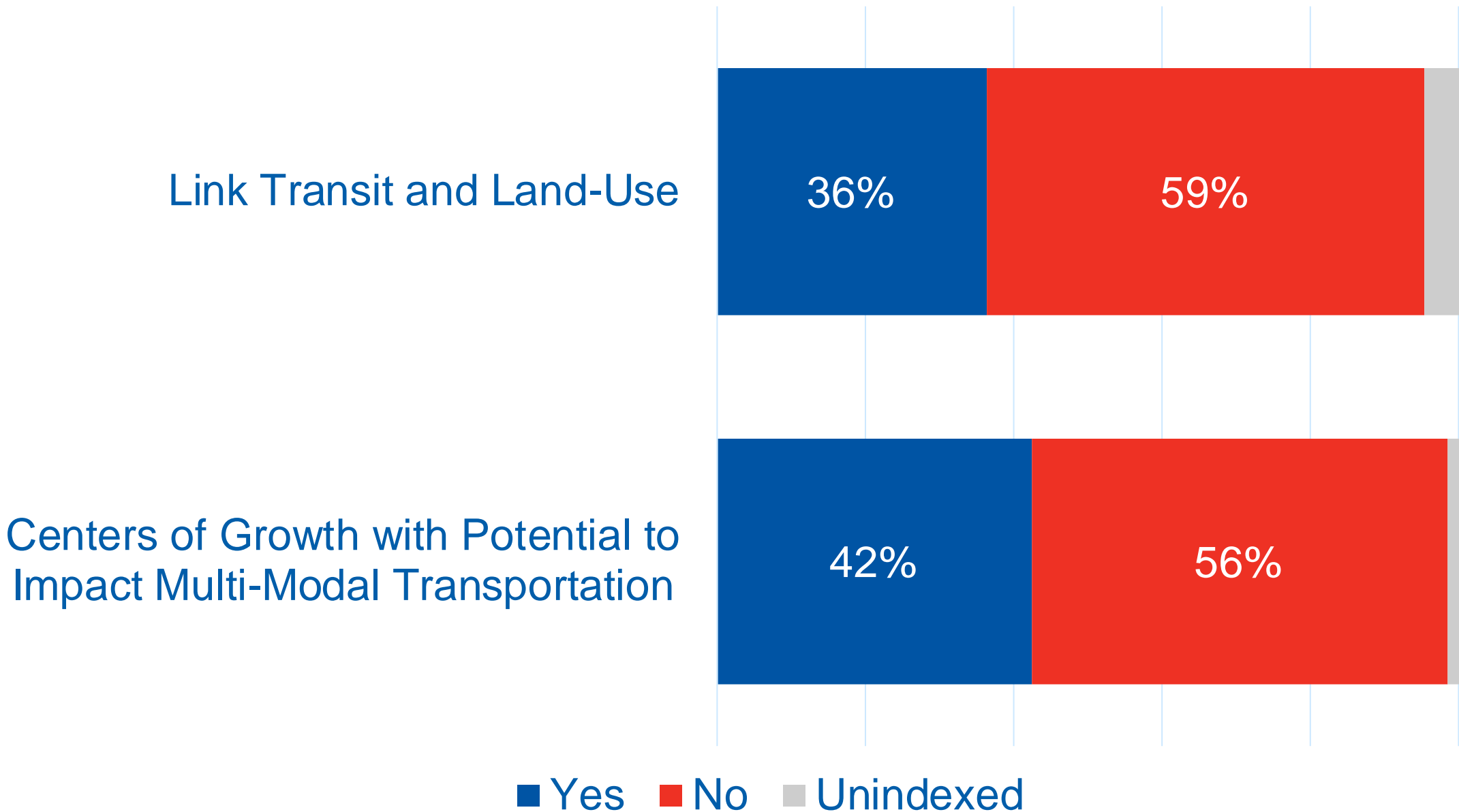
■ Yes ■ No ■ Unindexed



# Transportation Overview

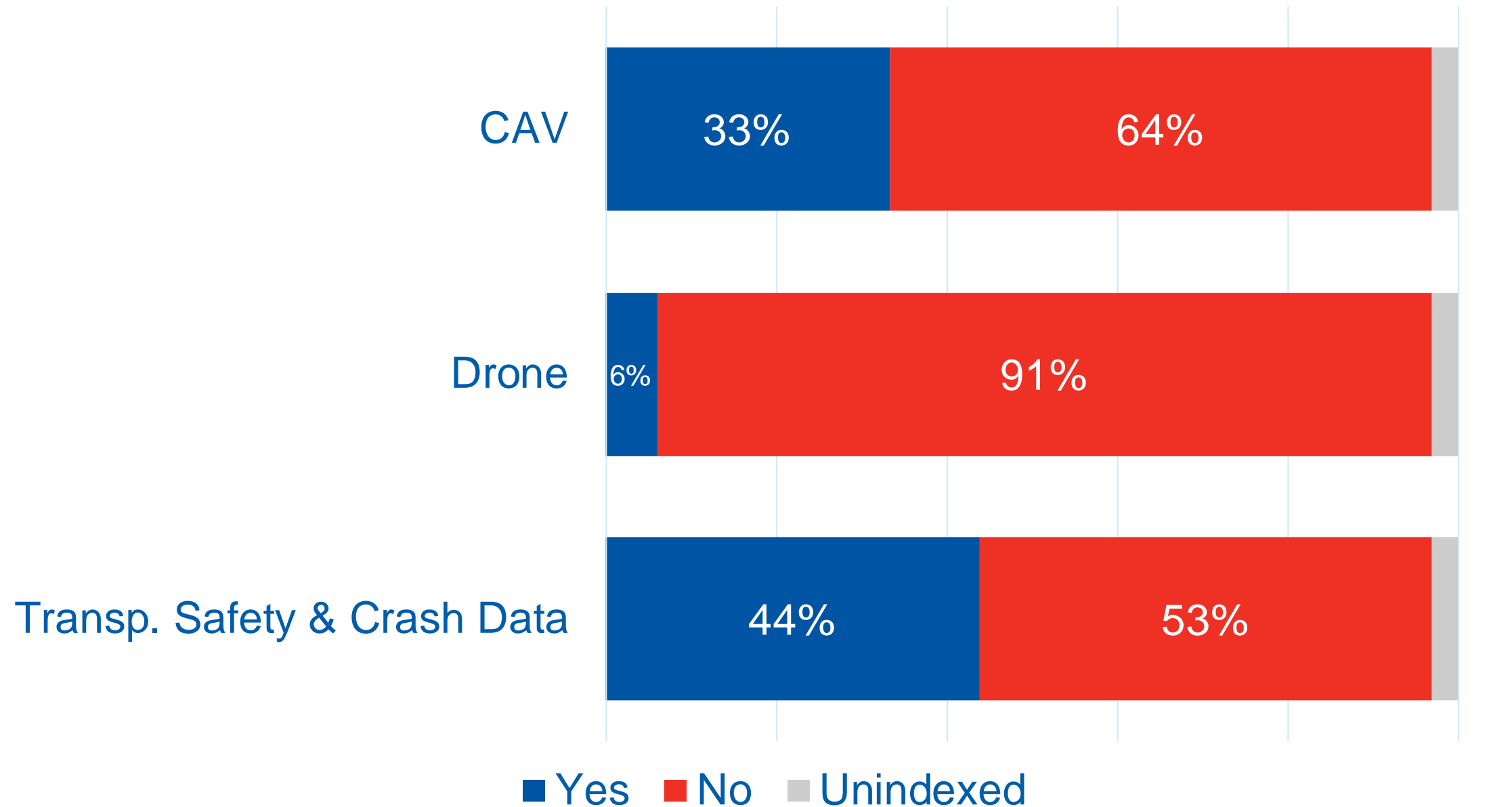
## Land Use

0% 20% 40% 60% 80% 100%



## Other Topics

0% 20% 40% 60% 80% 100%





# Water Resources



# Wastewater

More specificity in I/I and forecasted growth locations

Rogers WWTP acquired by Council in July 2019

Loretto to connect to system in Summer 2021

Identified system capacity improvements/acquisitions

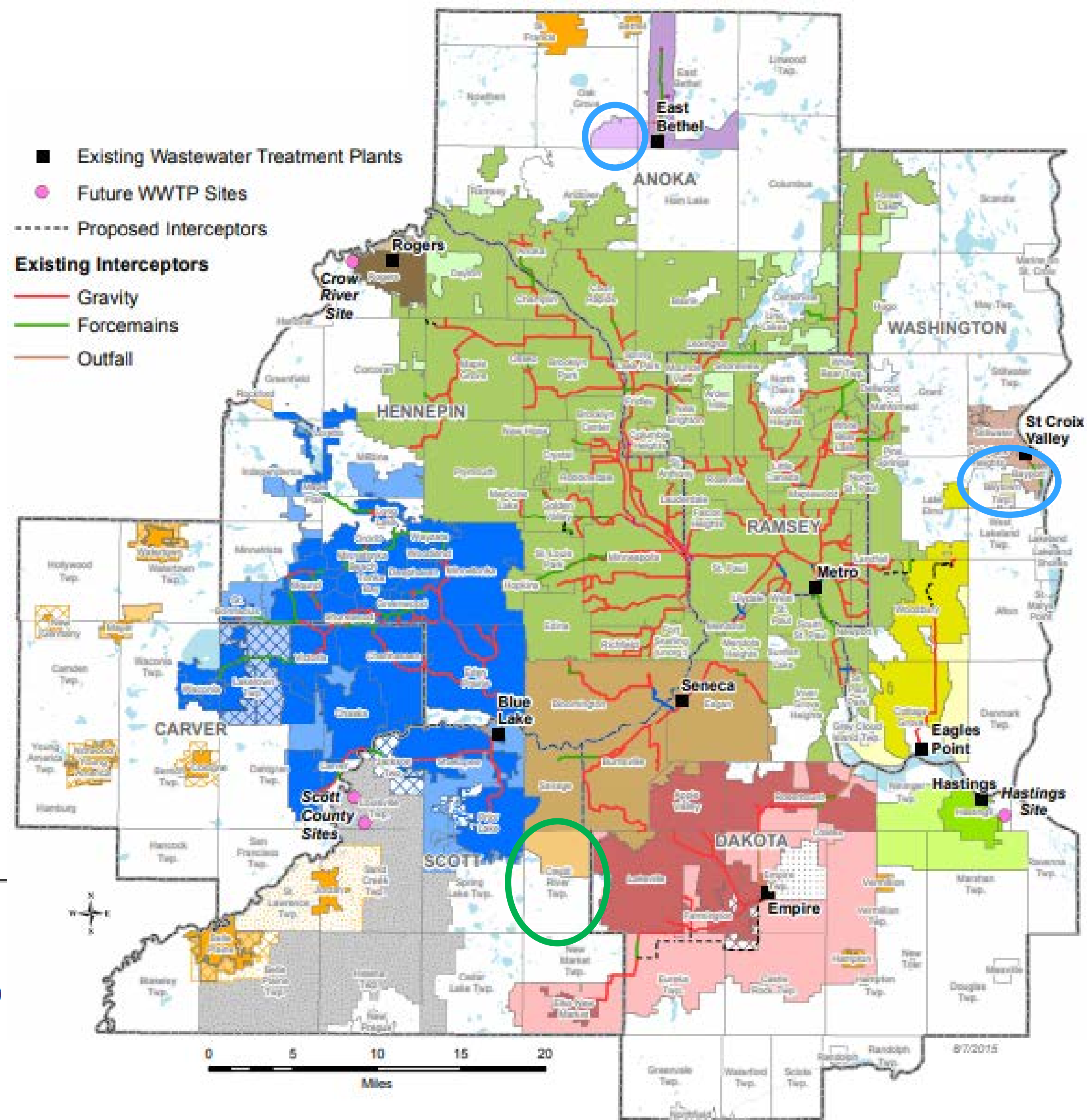
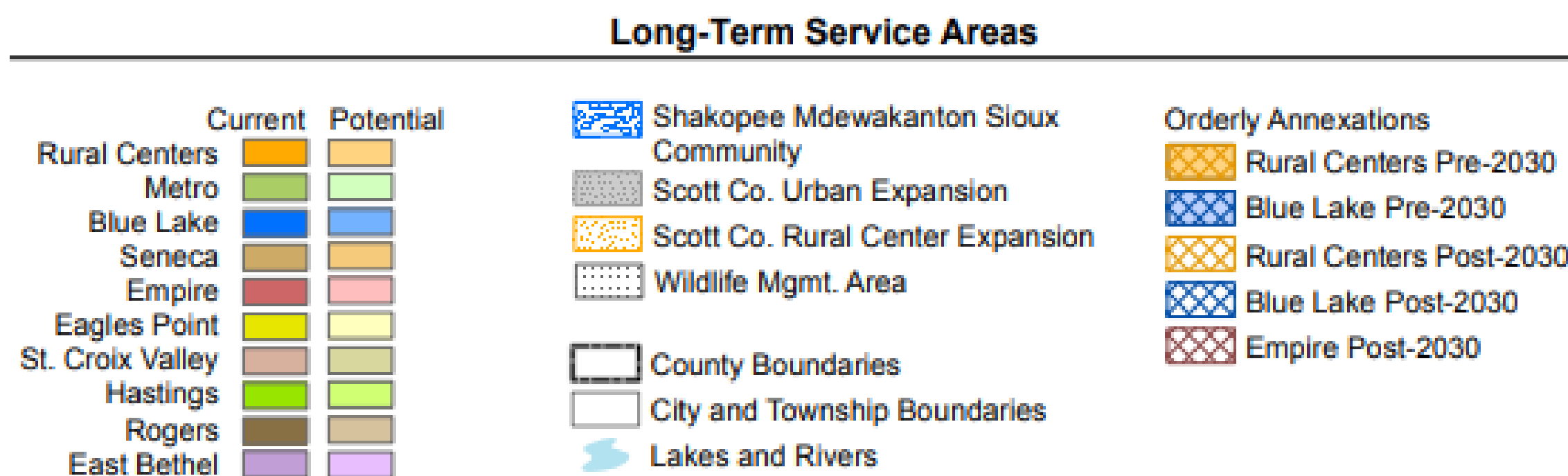
- Lino Lakes – New interceptor first planned in 2008, now required by 2030
- Lake Elmo – Capacity enhancement for SW area of City.
- Savage – Trunk sewer acquisition for Credit River Twp. Service by 2030.

Minor refinements in timing of system enhancements

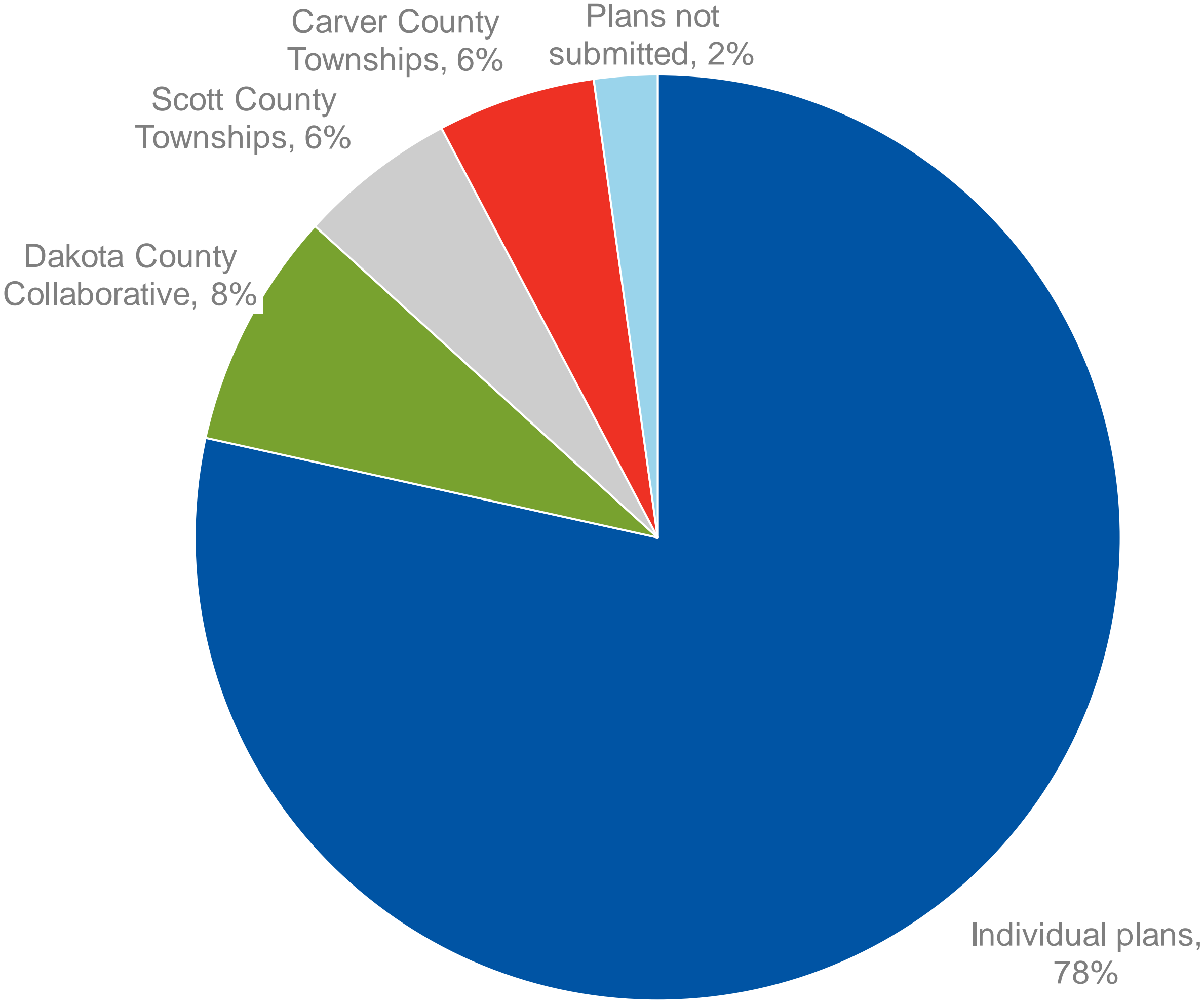


# Wastewater

- Long Term Service Area Eliminations
  - Oak Grove – Eliminated through Statute
  - Baytown Twp. – Eliminated due to inability to expand St. Croix Valley WWTP.



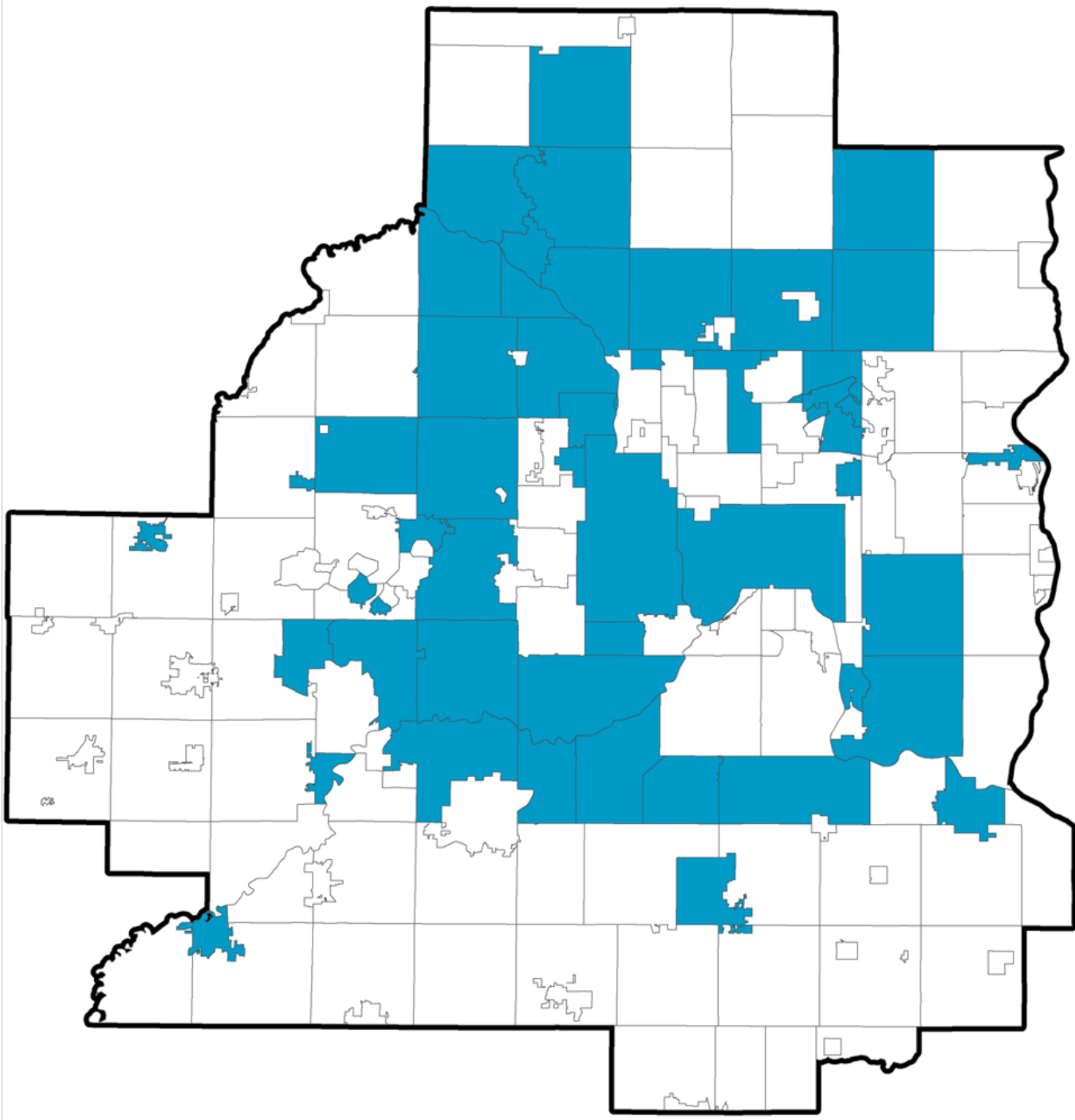
# Local Surface Water Plans by the Numbers



- 177 communities submitted plans for review
  - 142 individual community plans
  - 1 plan for Dakota County Rural Collaborative covers 15 small communities and townships
  - 1 plan for Scott County Townships local water plan covers 10 townships
  - 1 plan for Carver County Townships local water plan covers 10 townships
- 4 plans not yet received for review as required

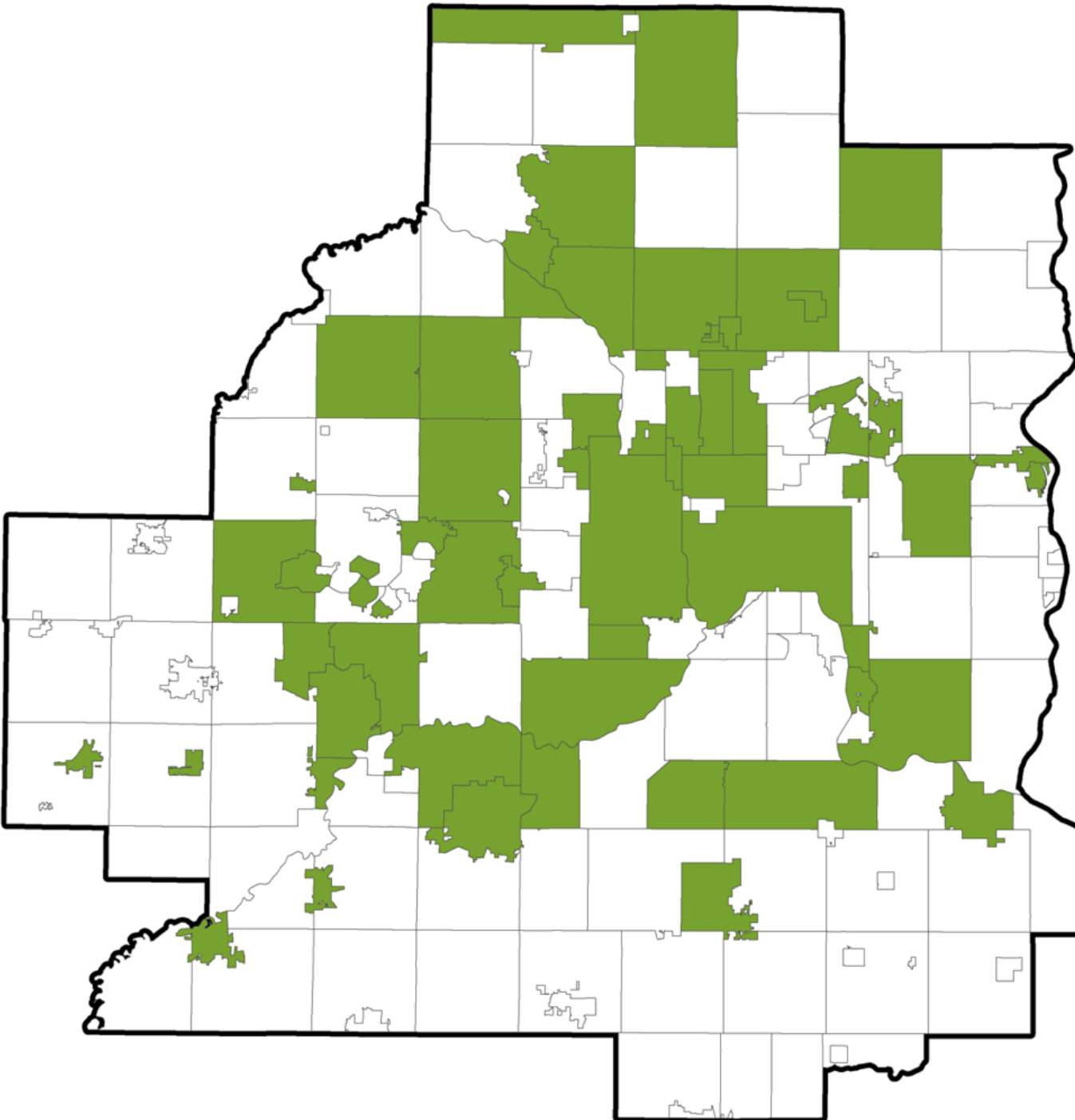


# Water Supply Planning by the Numbers



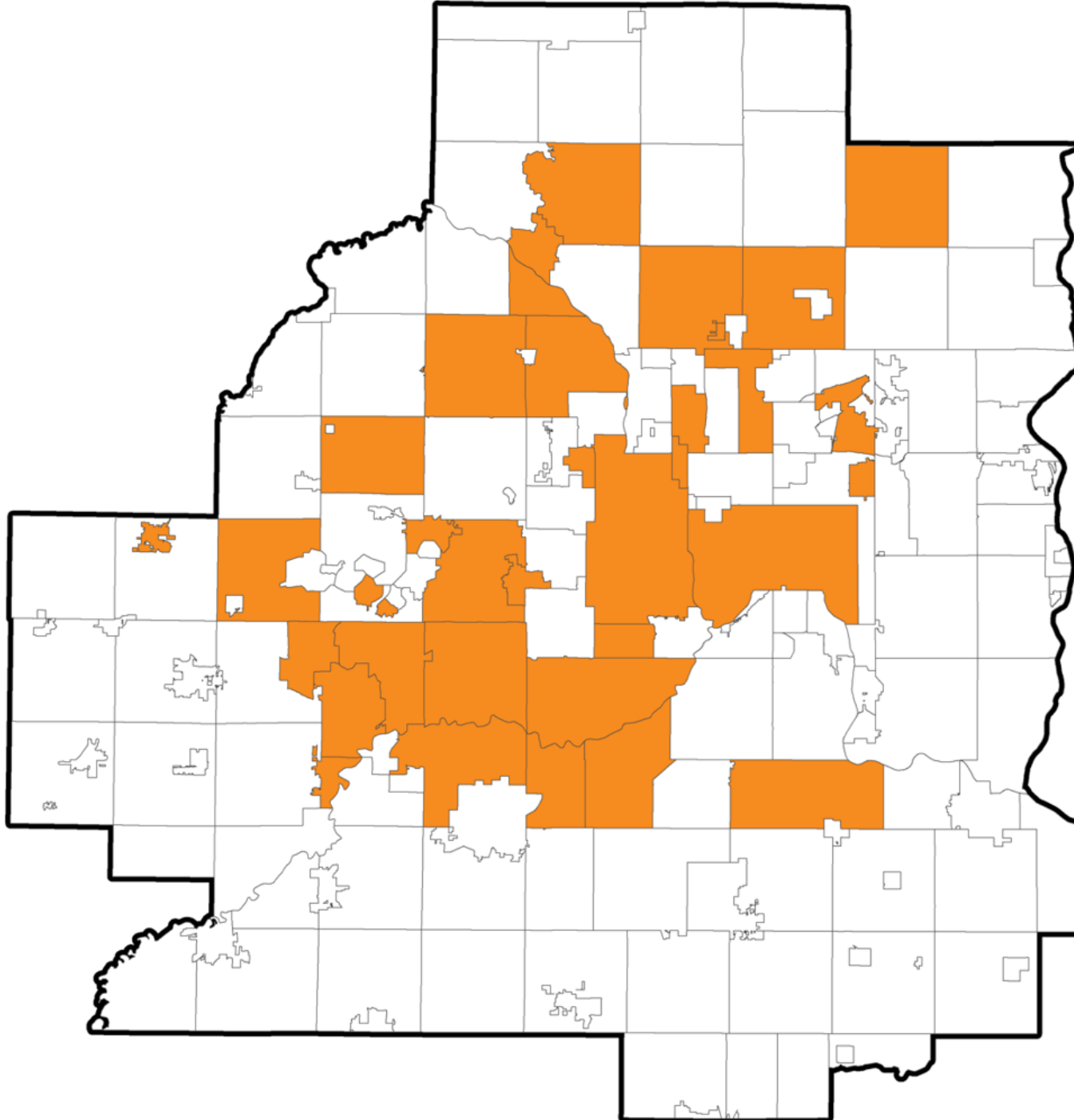
## NEW WELLS

50+ communities



## DISTRIBUTION

60+ communities



## WATER TREATMENT

35+ communities

Source: 2040 Local water supply plan updates submitted as part of community comprehensive plans. Not all local plan updates have been submitted to the Council; this information will be updated as plans are received.



# Trends and Themes in Water Supply Planning

## Infrastructure

Significant region-wide investment planned for water supply system infrastructure: wells, distribution, and treatment

## Water Demand

Decreasing per capita water demand as a region, varying by community type; Growing appetite for considering a range of water demand forecast scenarios

## Groundwater-Surface Water Interaction

Address groundwater assessment and protection through local watershed management plans

## Source Water Protection

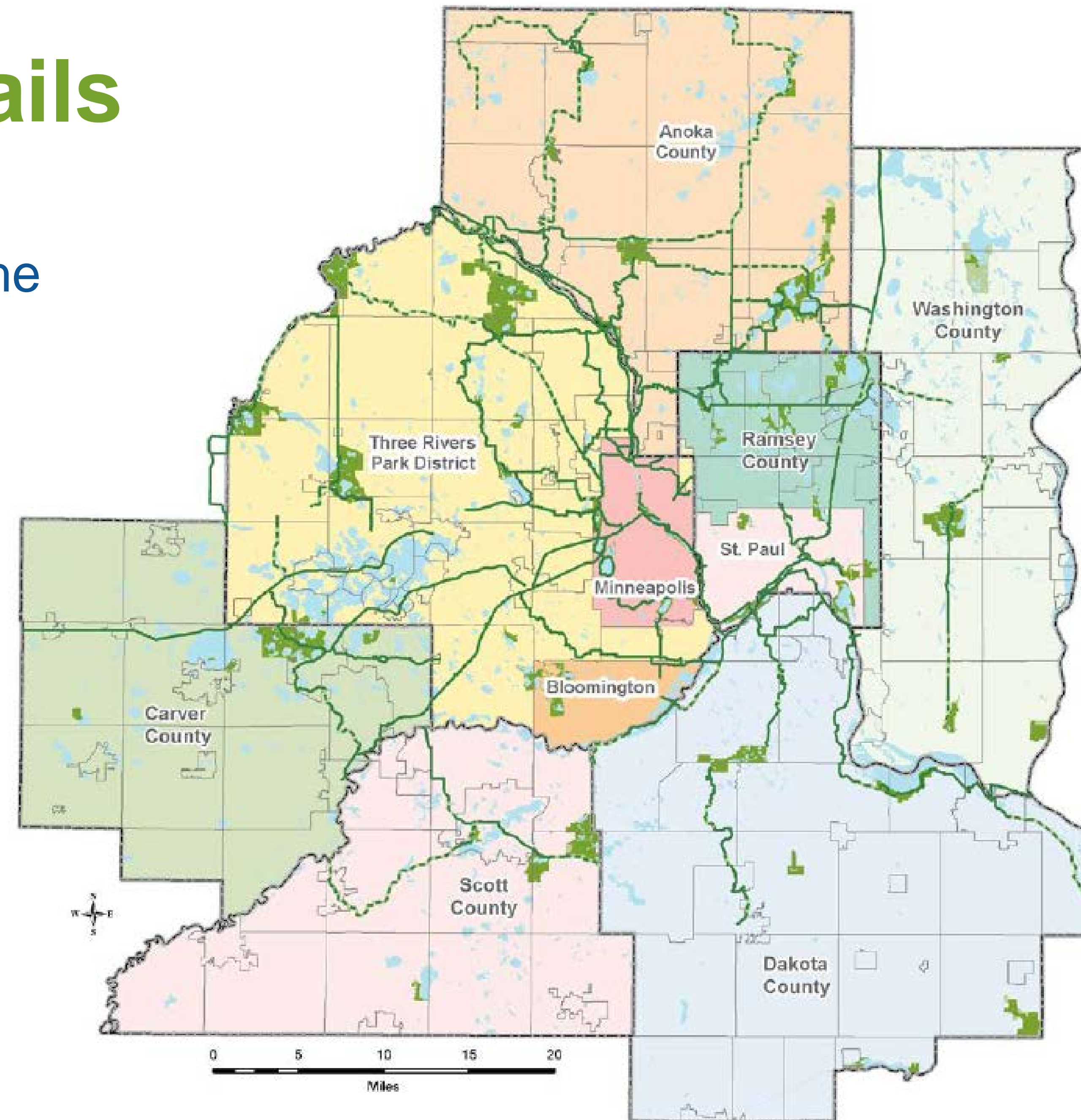
65% of the metro area has been designated as a source water management areas (surface water and/or groundwater); increase

# Parks, Climate Change, and Natural Resources



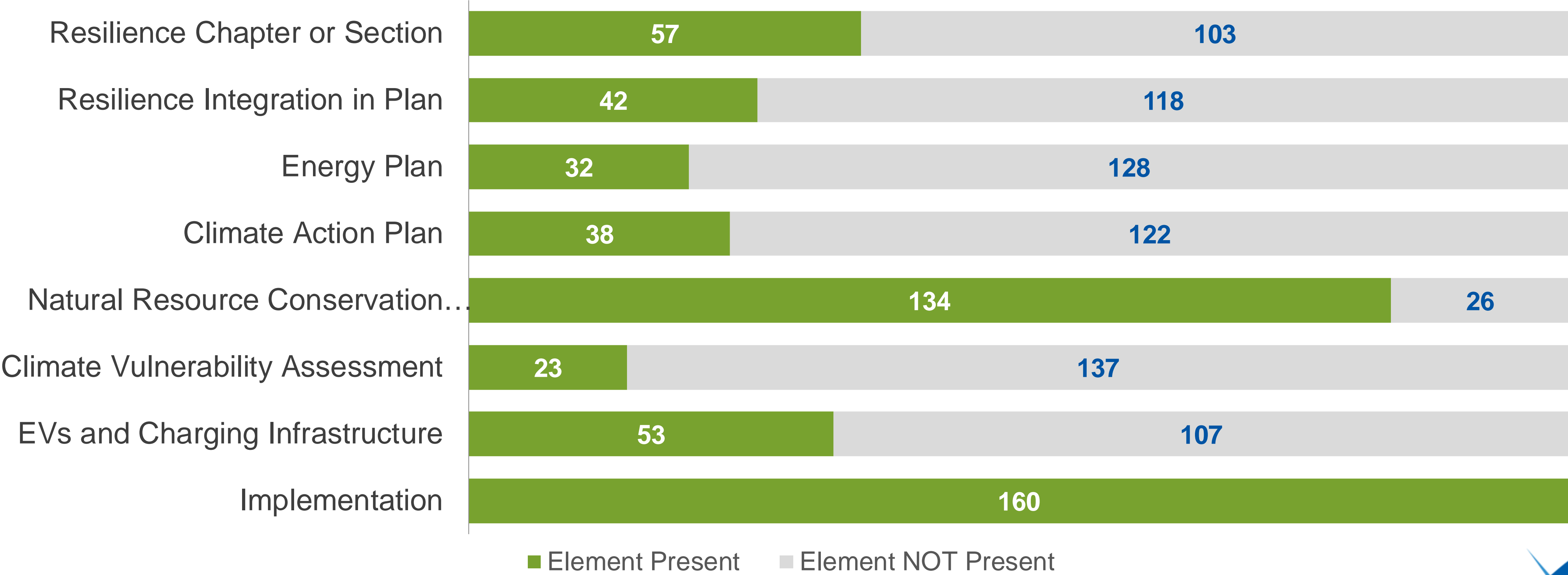
# Regional Parks and Trails

- 86% of communities have at least one existing, planned or proposed unit of the Regional Park System.
- 16 plans included parks and trails content that exceeded expectations or went above and beyond minimums.
  - Service area or gap analyses
  - Trend information
  - Public engagement findings





# Resilience, Climate Change, and Natural Resources by the Numbers



# Trends and Themes in Resilience & Climate Change

## Renewable Energy

Increase community-wide use of renewable energy

## Greenhouse Gas Emissions

Reduce local emissions in alignment with State goals

## Electric Vehicles (EVs)

Encourage installation of EV charging stations to make the community “EV-ready”

## Energy Efficiency

Incorporate energy efficiency practices in new development and implement retrofits in existing buildings

# Trends and Themes for Natural Resources

## Tree Canopy and Urban Forestry

Preserve and enhance the local tree canopy through urban forest or tree preservation policies

## Relationship between Development and Natural Resource Conservation

Implement low-impact or sustainable development techniques to help conserve natural resources

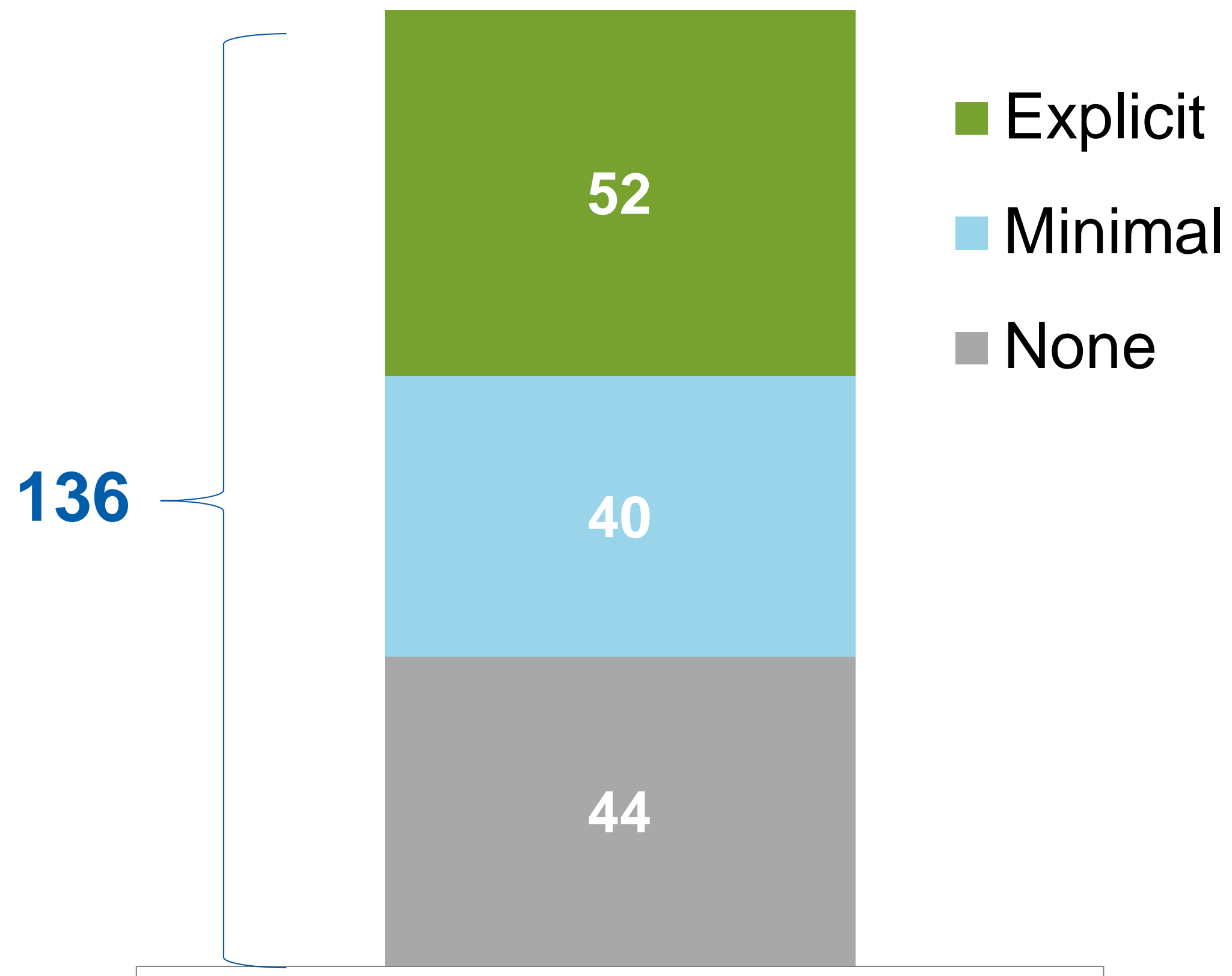
## Natural Resources Inventory or Management Plan

Support initiatives to preserve and conserve local assets

# Equity, Economic Competitiveness, Aging and Public Health



# Equity by the Numbers



Of the 136 communities:

- 52 Explicitly included equity terms in the comprehensive plan
- 40 Minimally included equity terms in the comprehensive plan
- 44 did NOT include equity terms in the comprehensive plan

# Trends and Themes for Equity in Comp Plans

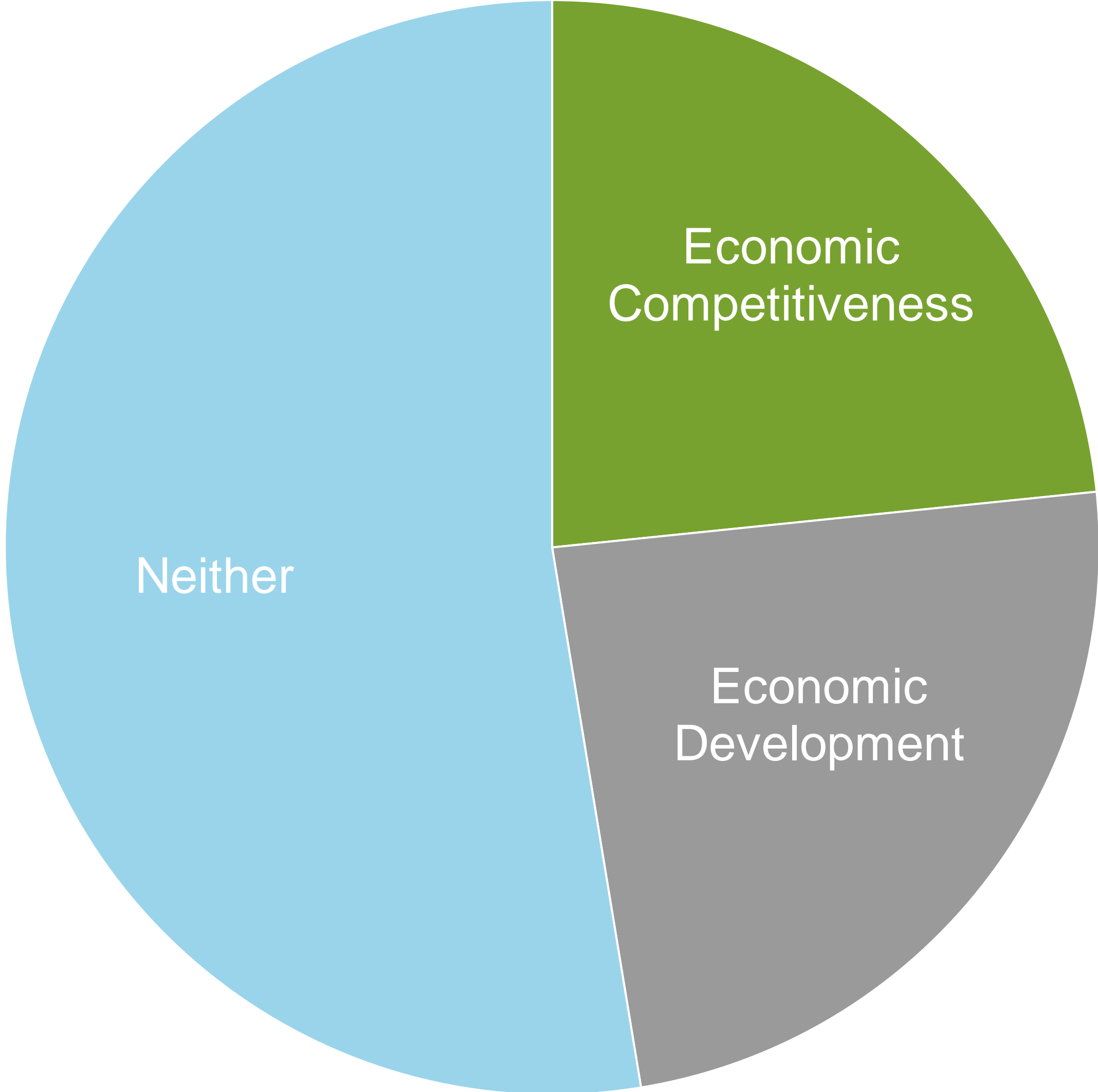
In response to increasing community diversity and growing disparities

Most frequently in the Transportation, Housing, and Parks and Trails elements

Framed in various ways: Social Equity, Health Equity, and Racial Equity.

Focus on initiatives to advance equity in the community as well as in internal processes

# Economic Competitiveness by the Numbers



- Of the 154 communities:
- 36 included an economic competitiveness chapter
  - 37 included an economic development chapter
  - 81 did NOT include an economic competitiveness or development chapter

# Update on Aging Research

The Metropolitan Area Agency on Aging (MAAA) is conducting an age-friendly assessment of a sample of comprehensive plans from communities across the region. The study will look at the following indicators:



Civic Participation and Employment



Outdoor Spaces and Buildings



Social Participation



Health Services and Community Supports



Communication and Information



Transportation



Housing



Respect and Social Inclusion



# Public Health in Comprehensive Plans

The Minnesota Department of Health in partnership with the Metropolitan Council and the Public Health Law Center led a project reviewing a sample of local comprehensive plans for health indicators in the following areas:

 Mixed Use

 Food Access

 Housing Options

 Multi-Modal Transportation

 Transit Oriented Development

 Greenspace Preservation

 Public Recreation Opportunities

 Greenhouse Gas Reductions

 Extreme Heat Events

 Climate Change Inclusive of At-Risk Populations

 Intense Rain Events and Flooding

# Questions for the Committee

# Questions for Discussion

- What additional foundational information might you need/want in order to fully understand the planning topic?
- What else do you need/want to know to inform land use policy development for the Council? What research question does this information prompt for you?
- Are there other areas not included in today's presentation that you want/need additional information?

# Next Steps



# Next Steps

- Additional Research
  - Questions resulting from today's conversation
  - Land Use (TAZs, Rural Areas, etc.)
  - TOD Analysis
  - Water Resources data updates (MUSA)
  - Metropolitan Area Water Plan Initiative
- Process Improvements (2040 Debrief)
- Technical Assistance for Implementation (PlanIt)
- 2050 metropolitan development guide

# Contact Information

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