

2040 Comprehensive Plan Composite

April 7, 2021

Committee of the Whole



Today's Agenda

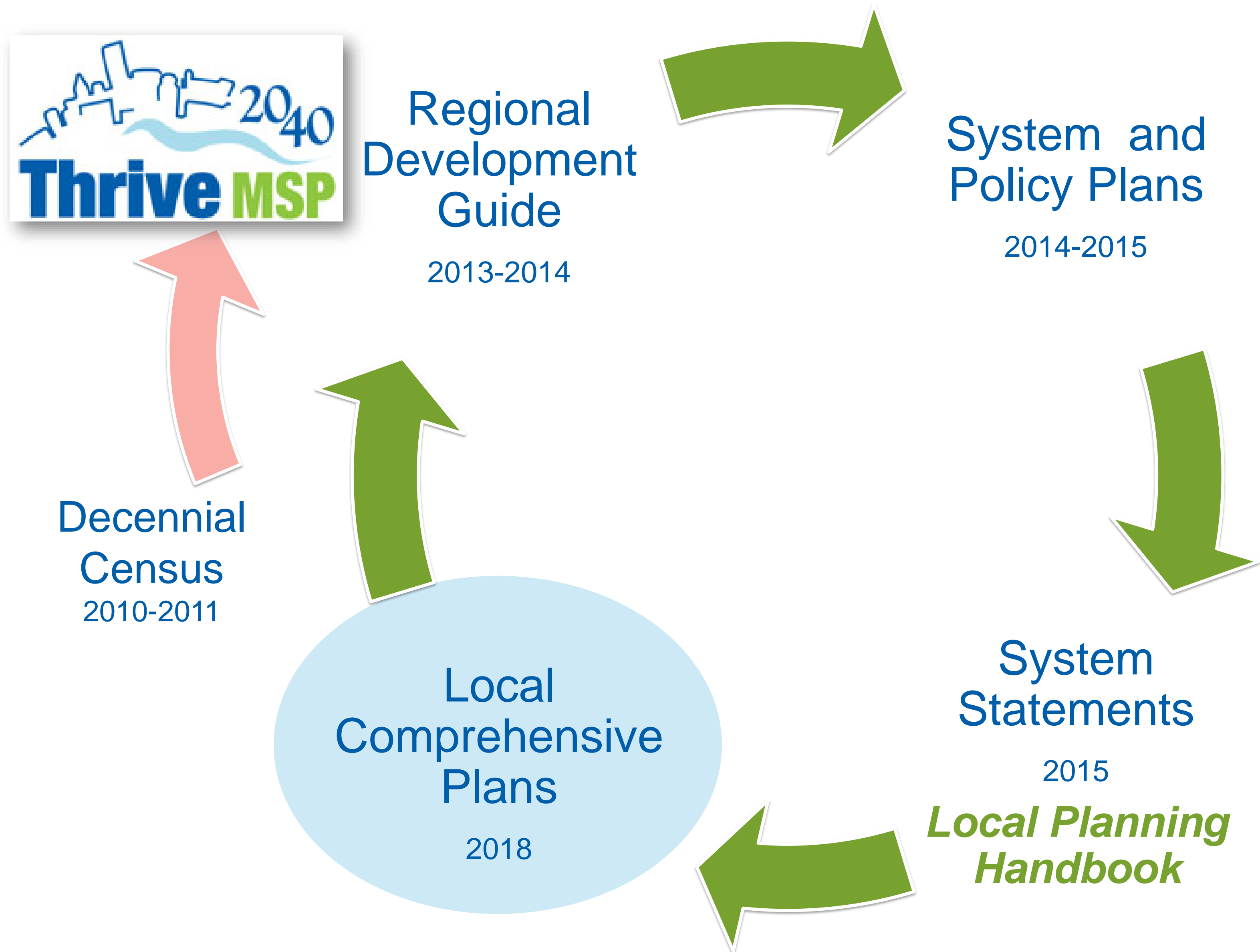
Setting the Stage

Headlines by Planning Topic

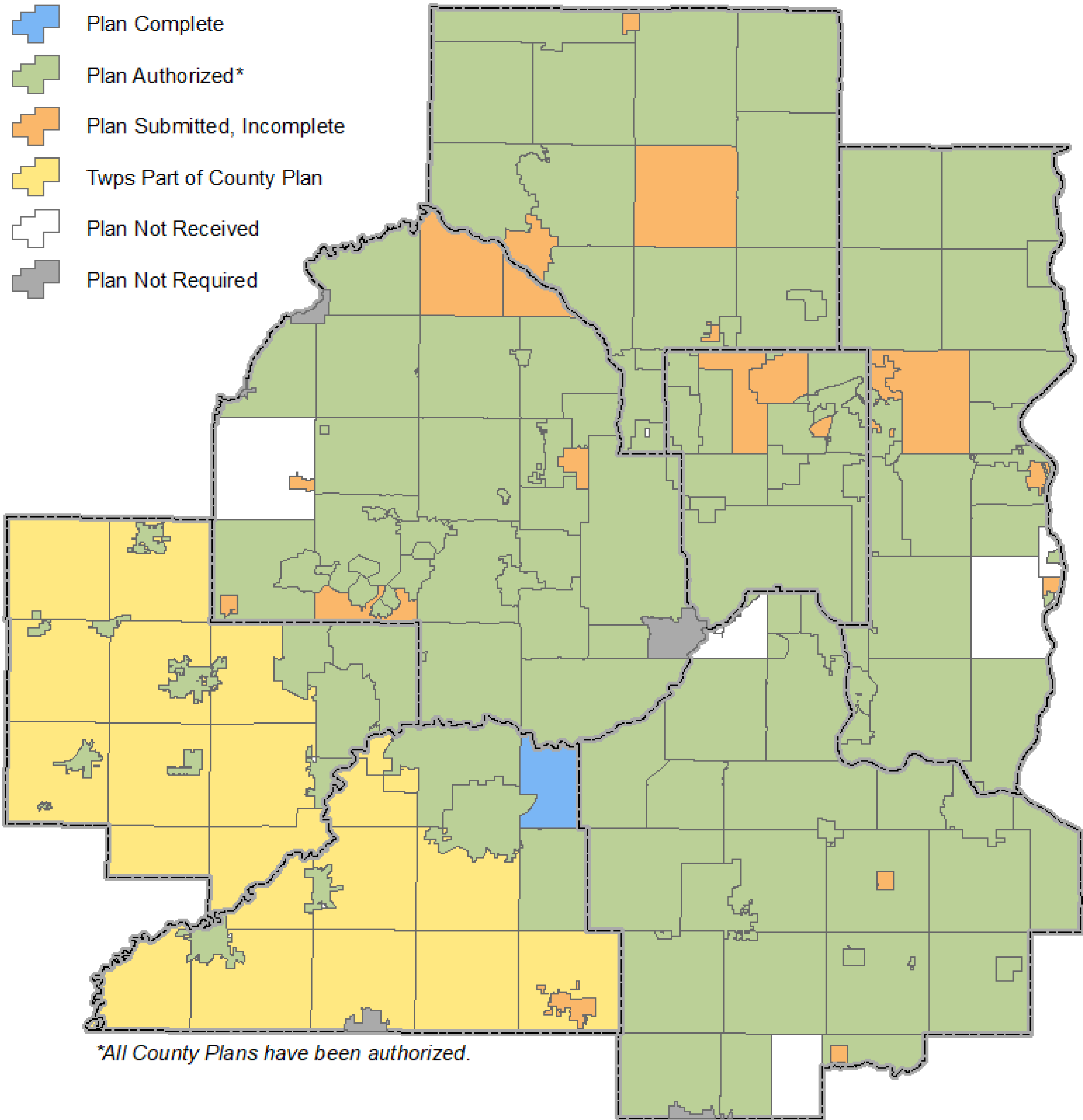
- Land Use
- Housing
- Transportation
- Water Resources
- Parks, Climate Change, and Natural Resources
- Equity

Next Steps

10-year Regional Planning Cycle



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

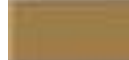






Outstanding Plans

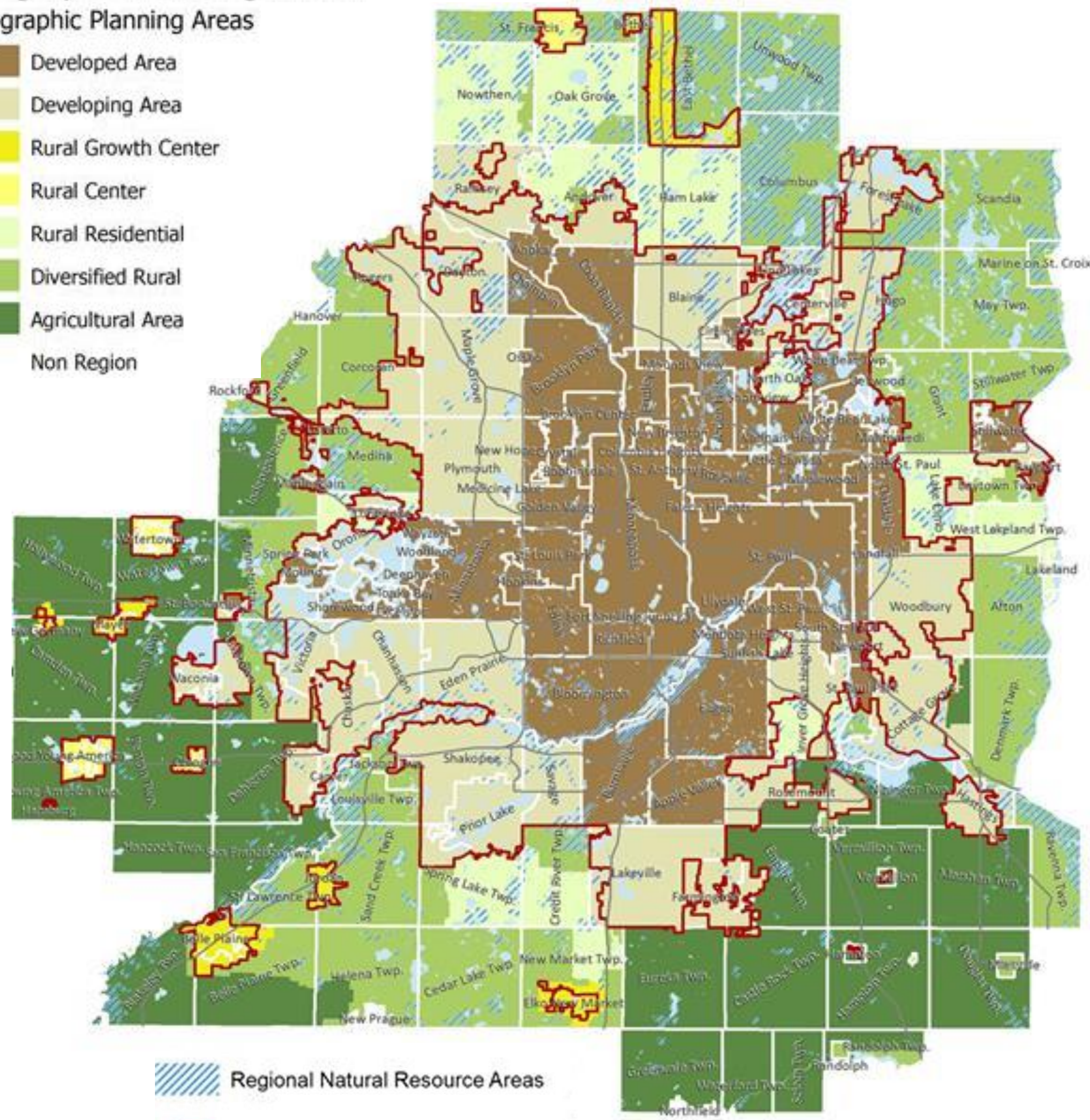
6



**All County Plans have been authorized.*

2030 Regional Development Framework Geographic Planning Areas





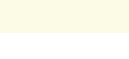
Geographic Planning Areas

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



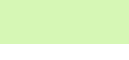



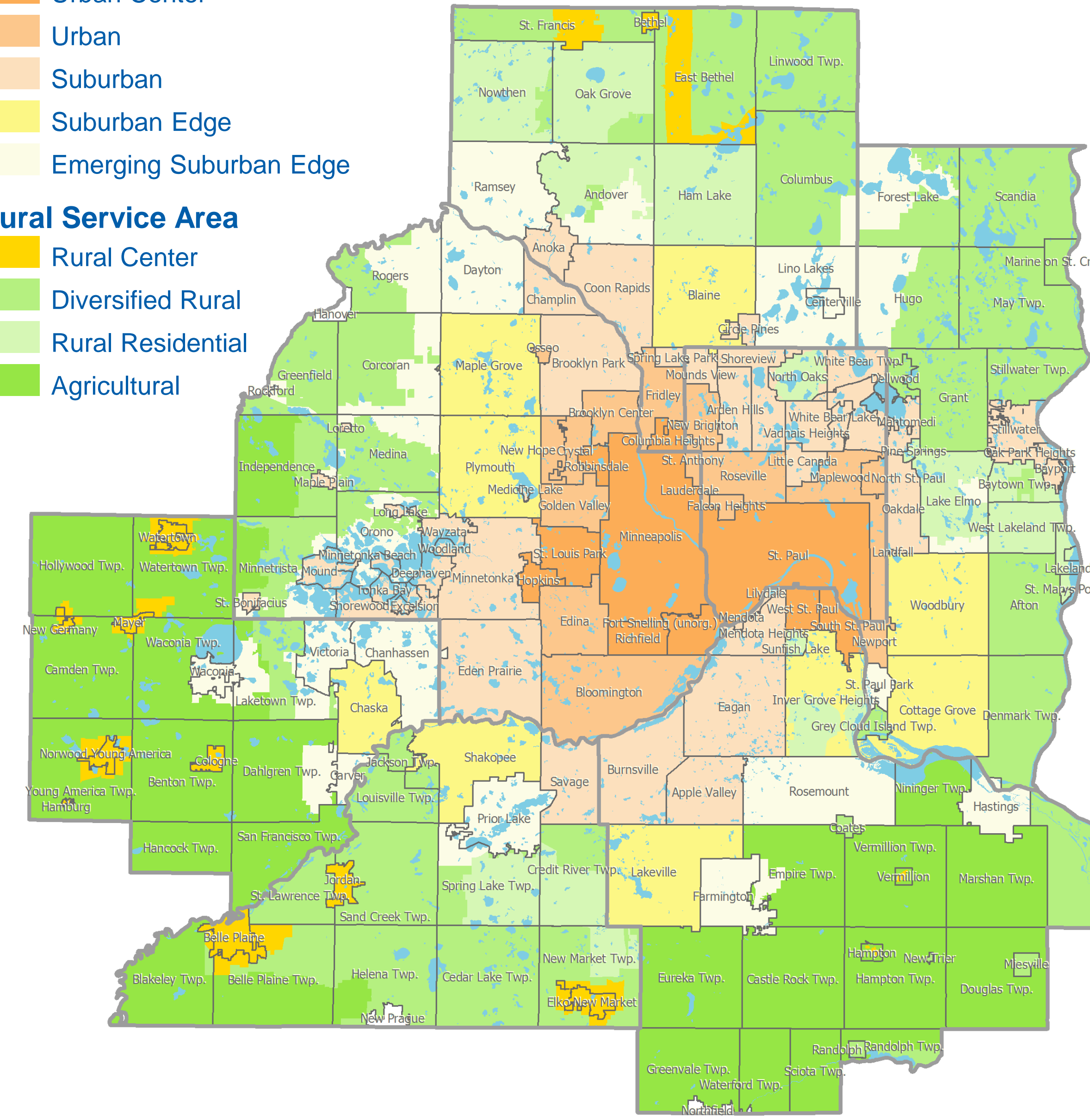
-  Regional Natural Resource Areas
-  2030 Metropolitan Urban Service Area

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

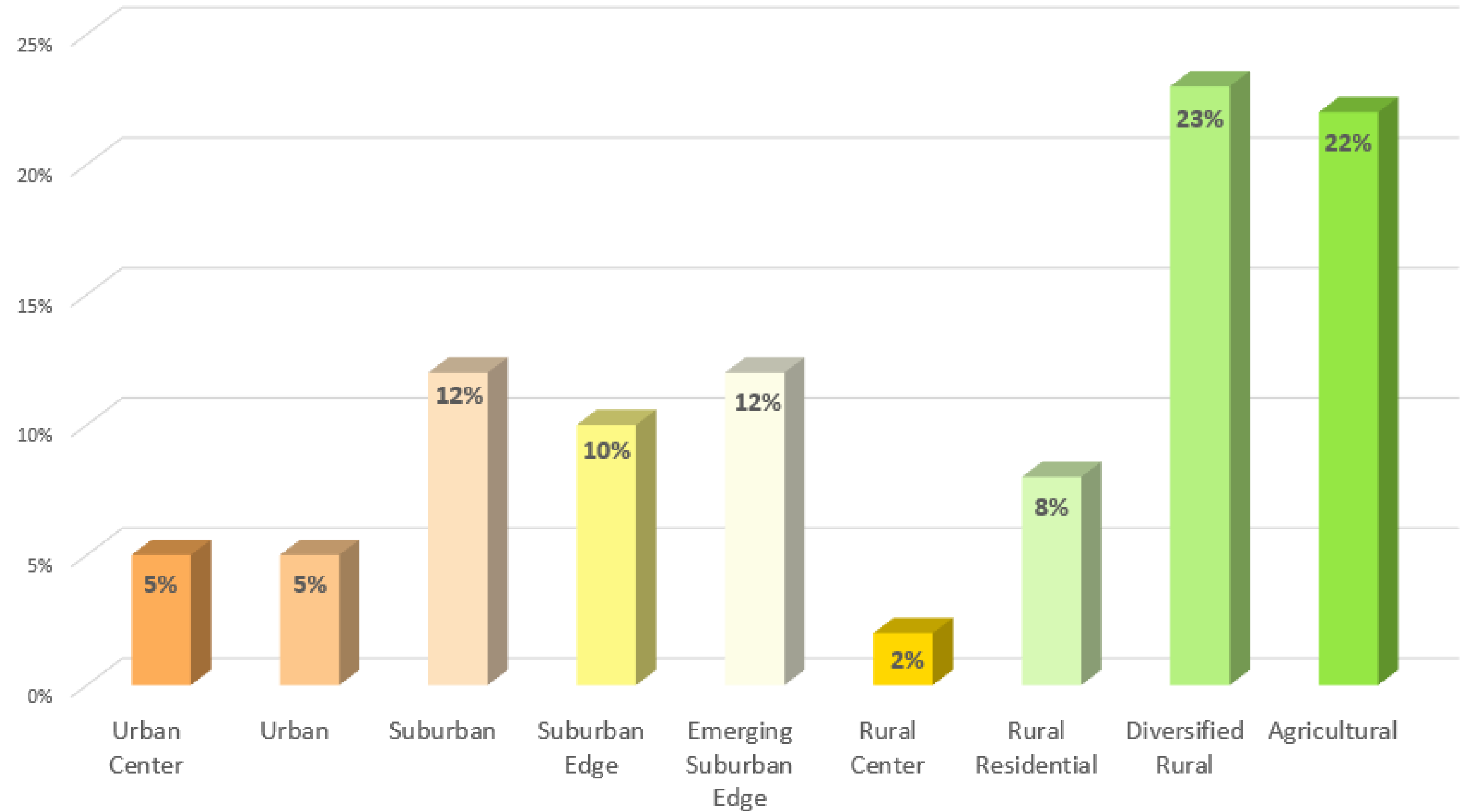
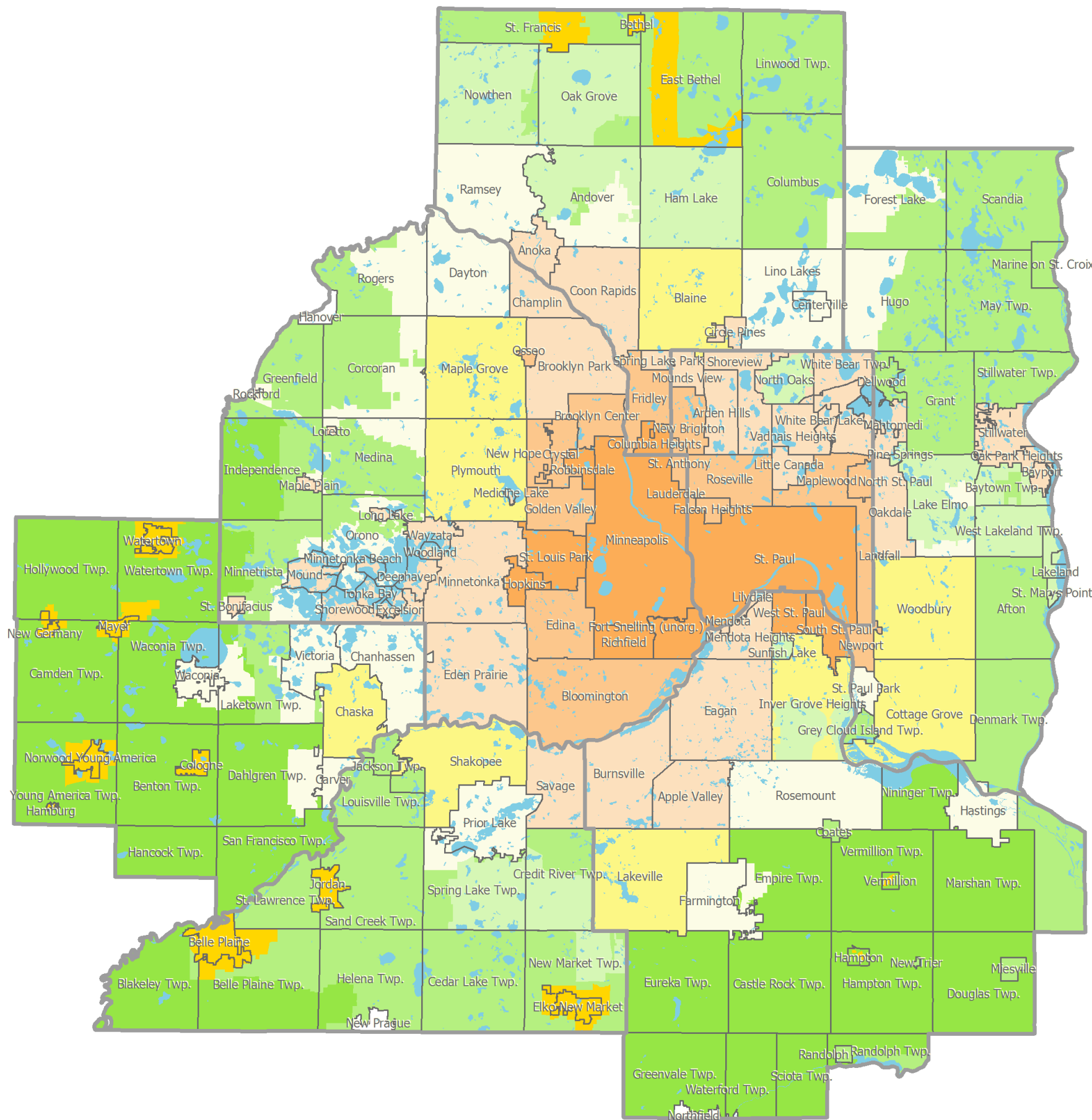
Planning for Residential Growth

- 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

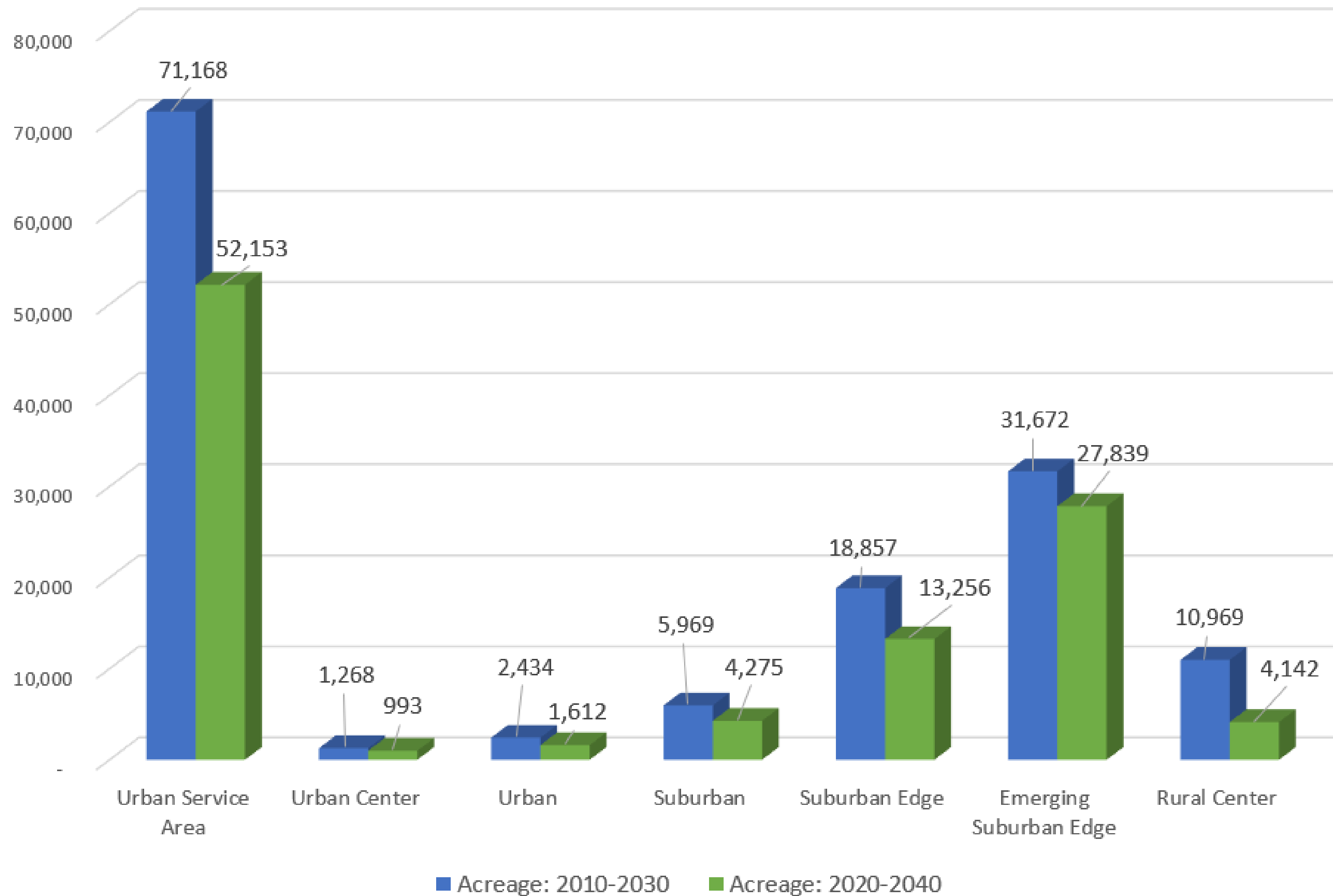
City Plans for Residential Growth

- 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

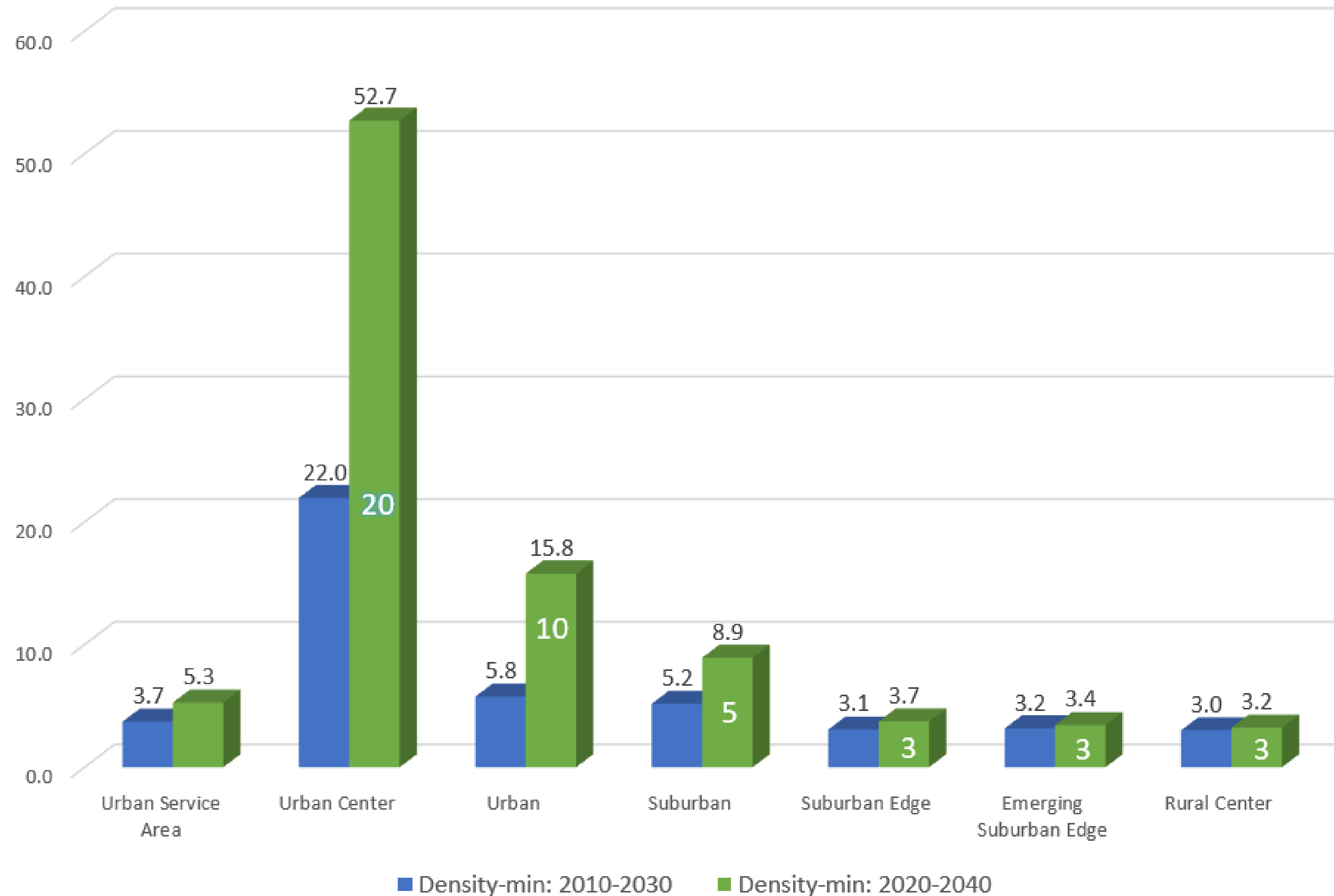
Community Designation Land Area



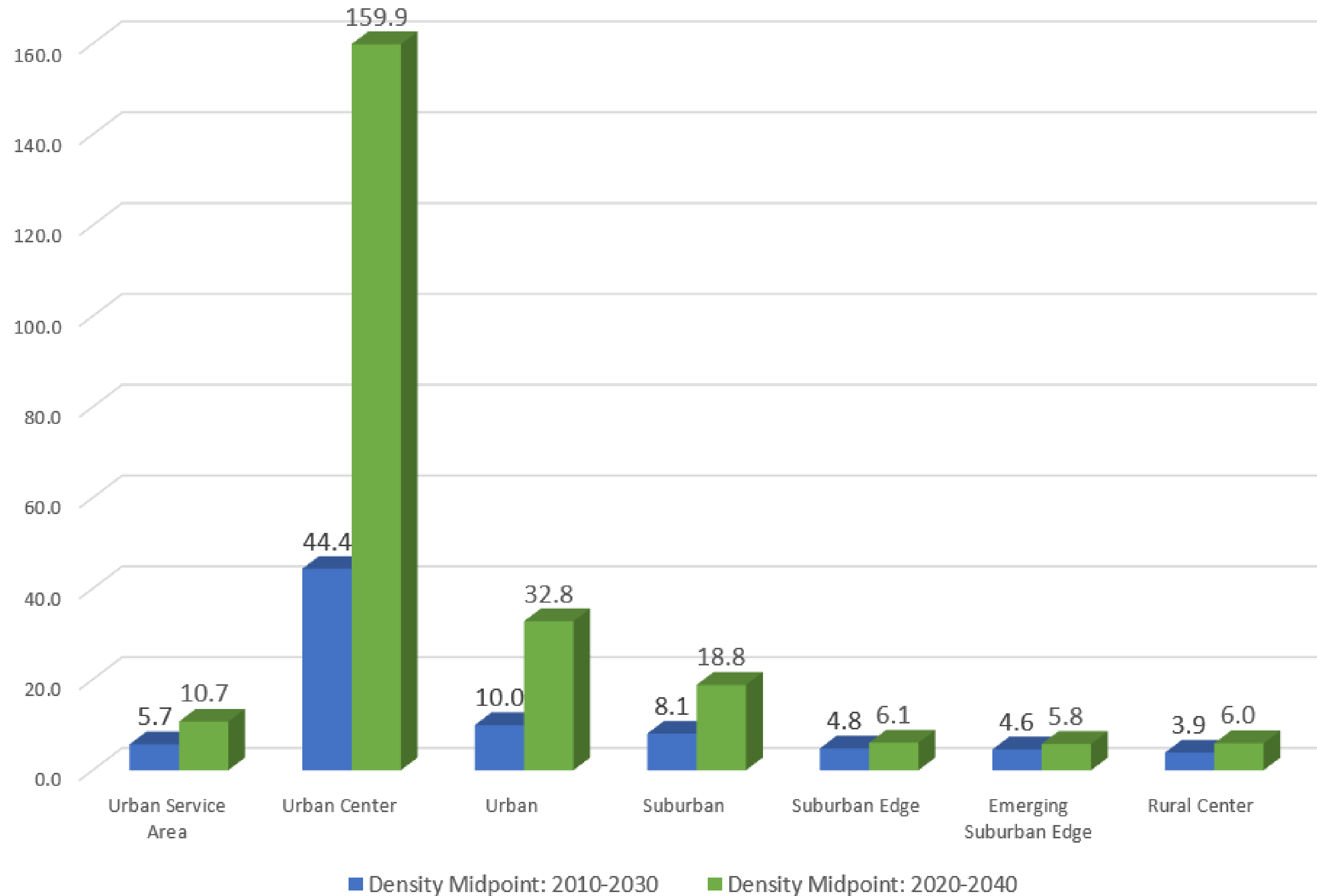
Land Supply Comparison



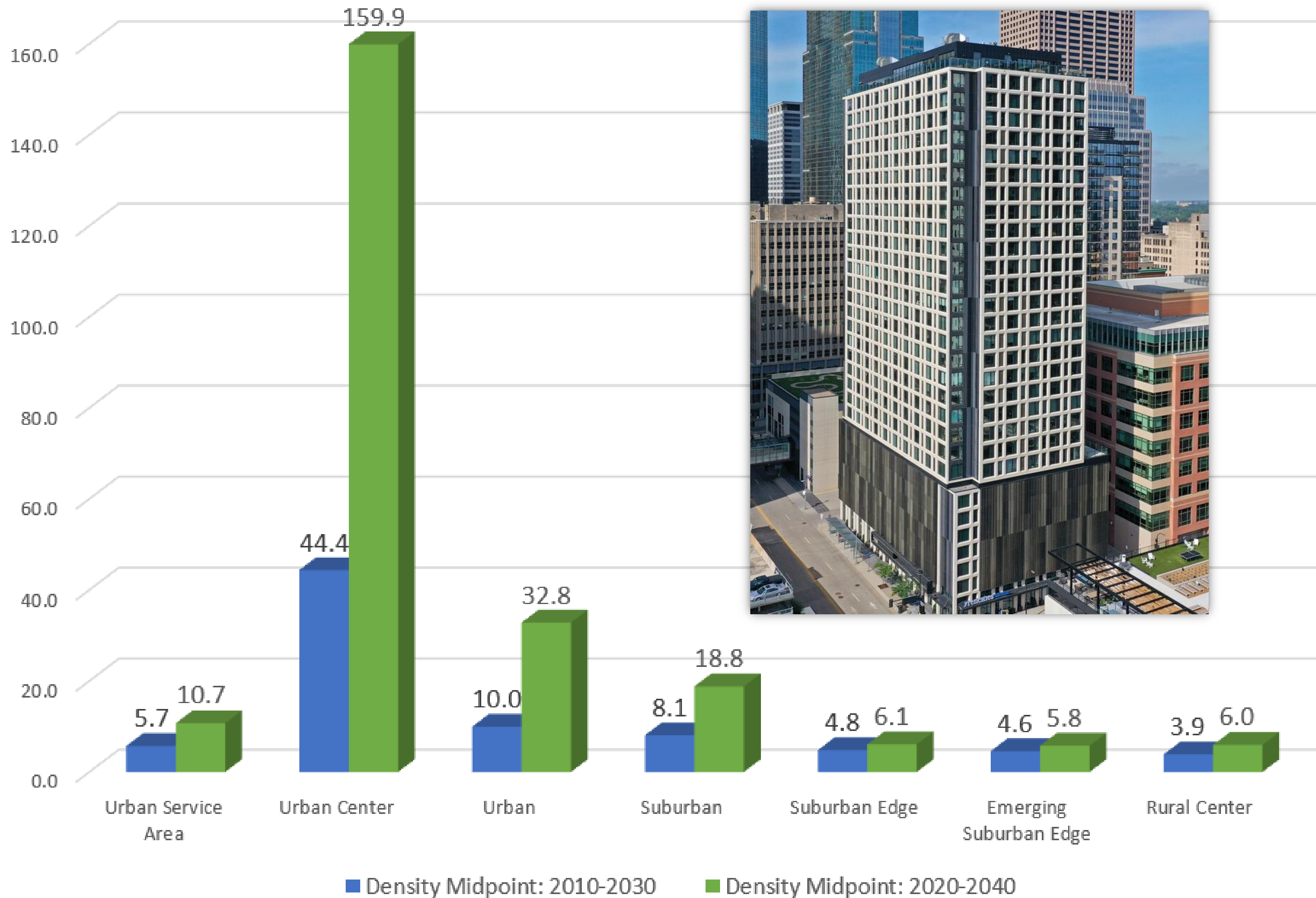
Overall Minimum Density Increase



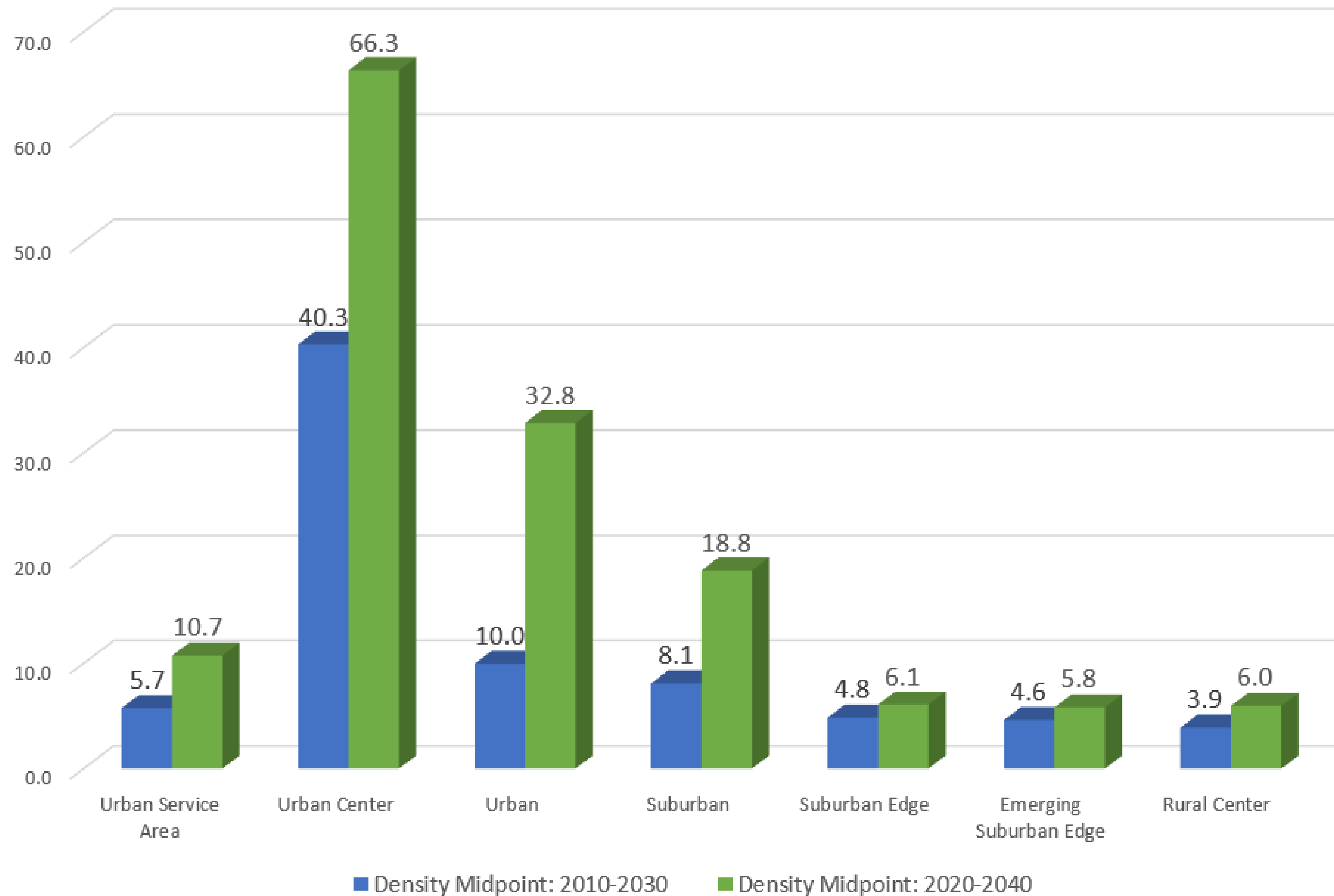
Midpoint Density Increased



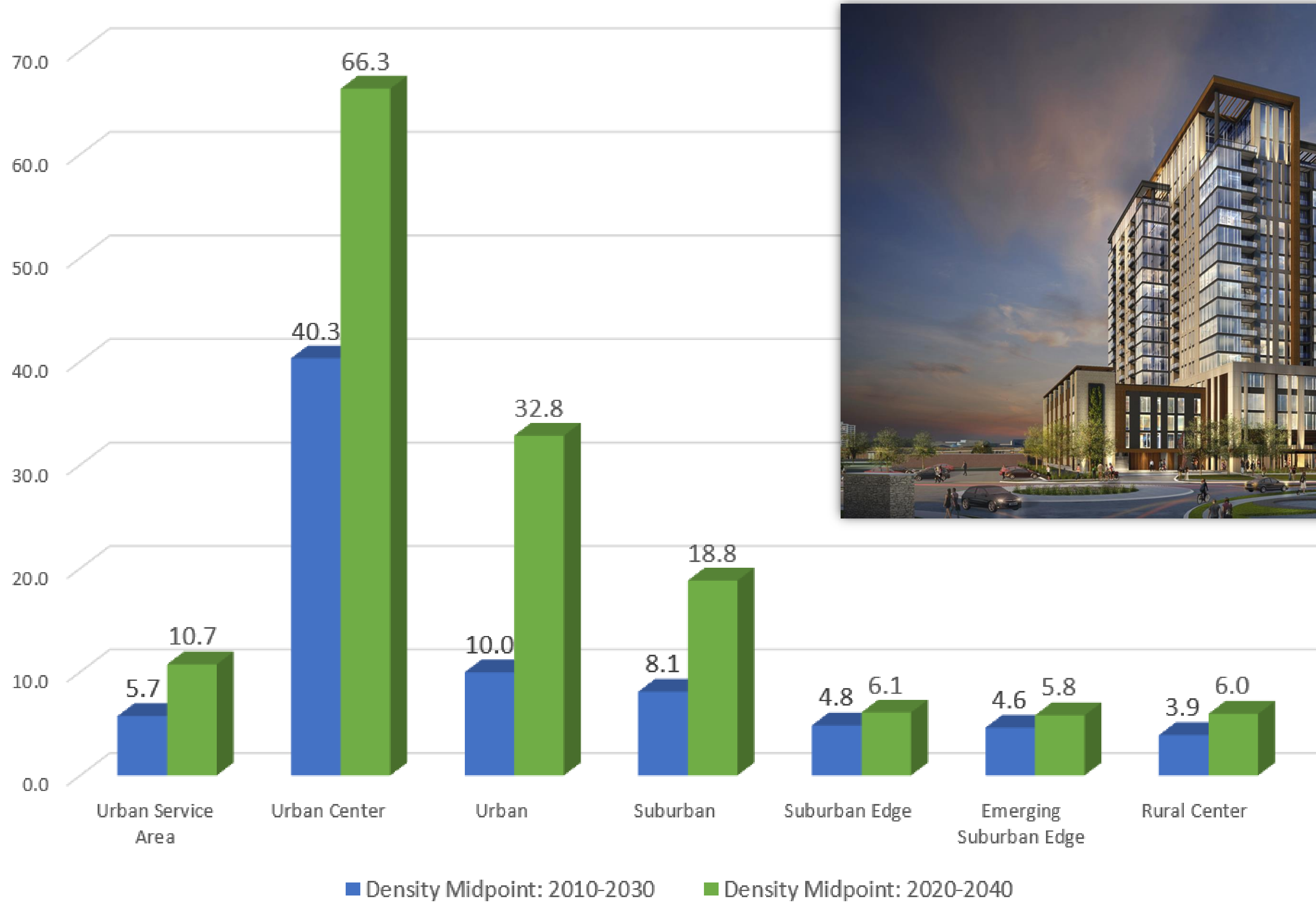
Midpoint Density Increased



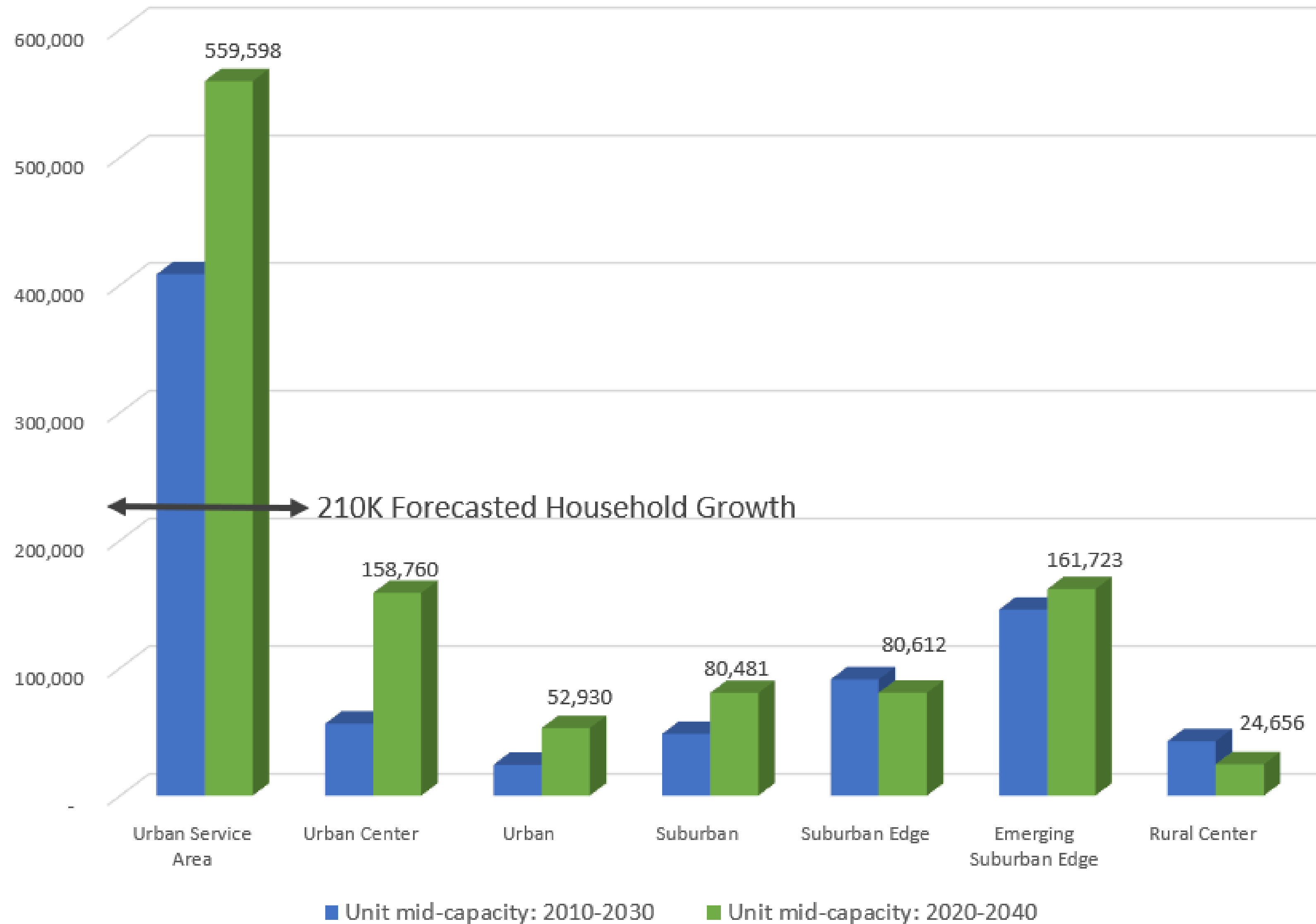
Midpoint Density without Minneapolis



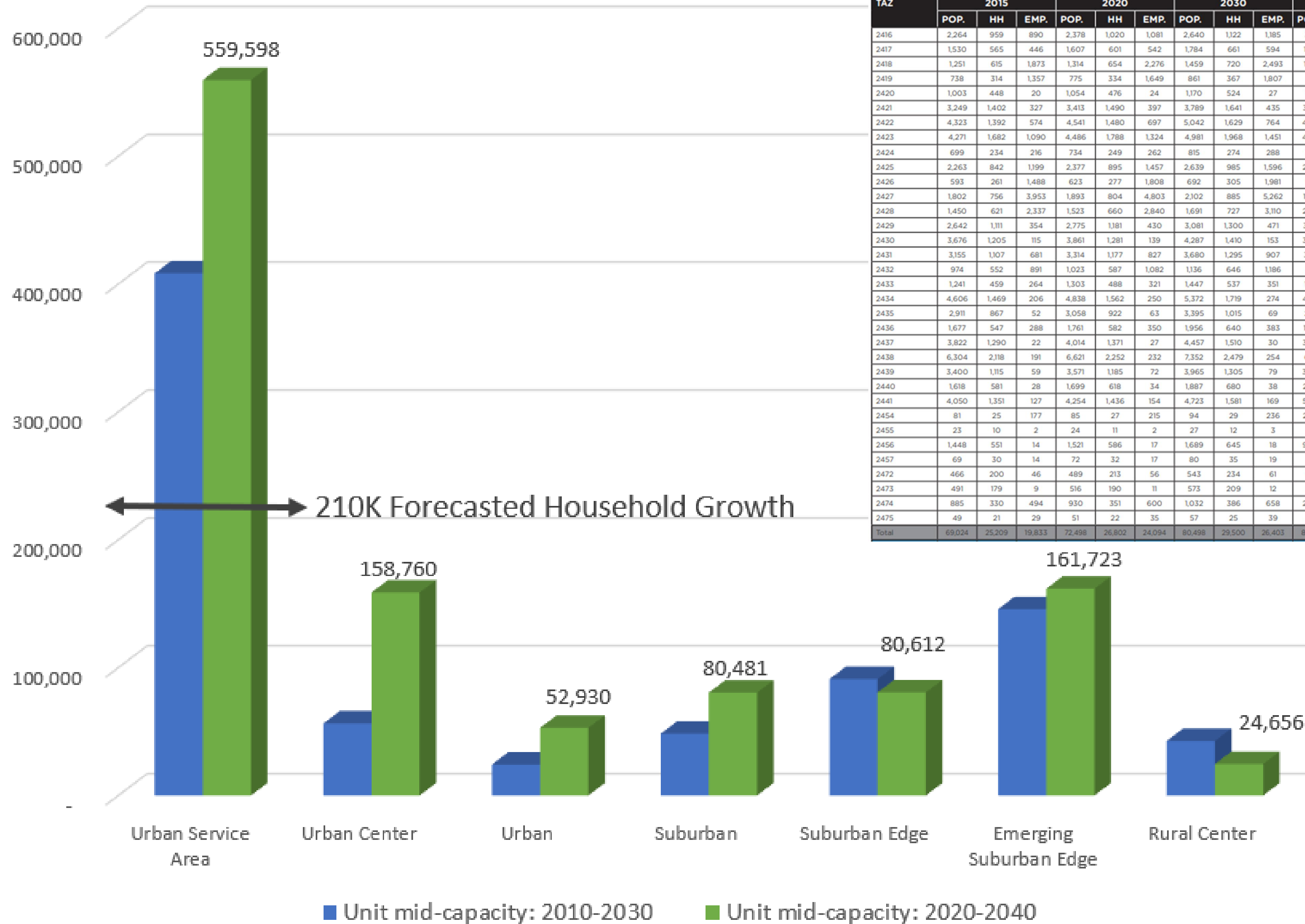
Midpoint Density without Minneapolis



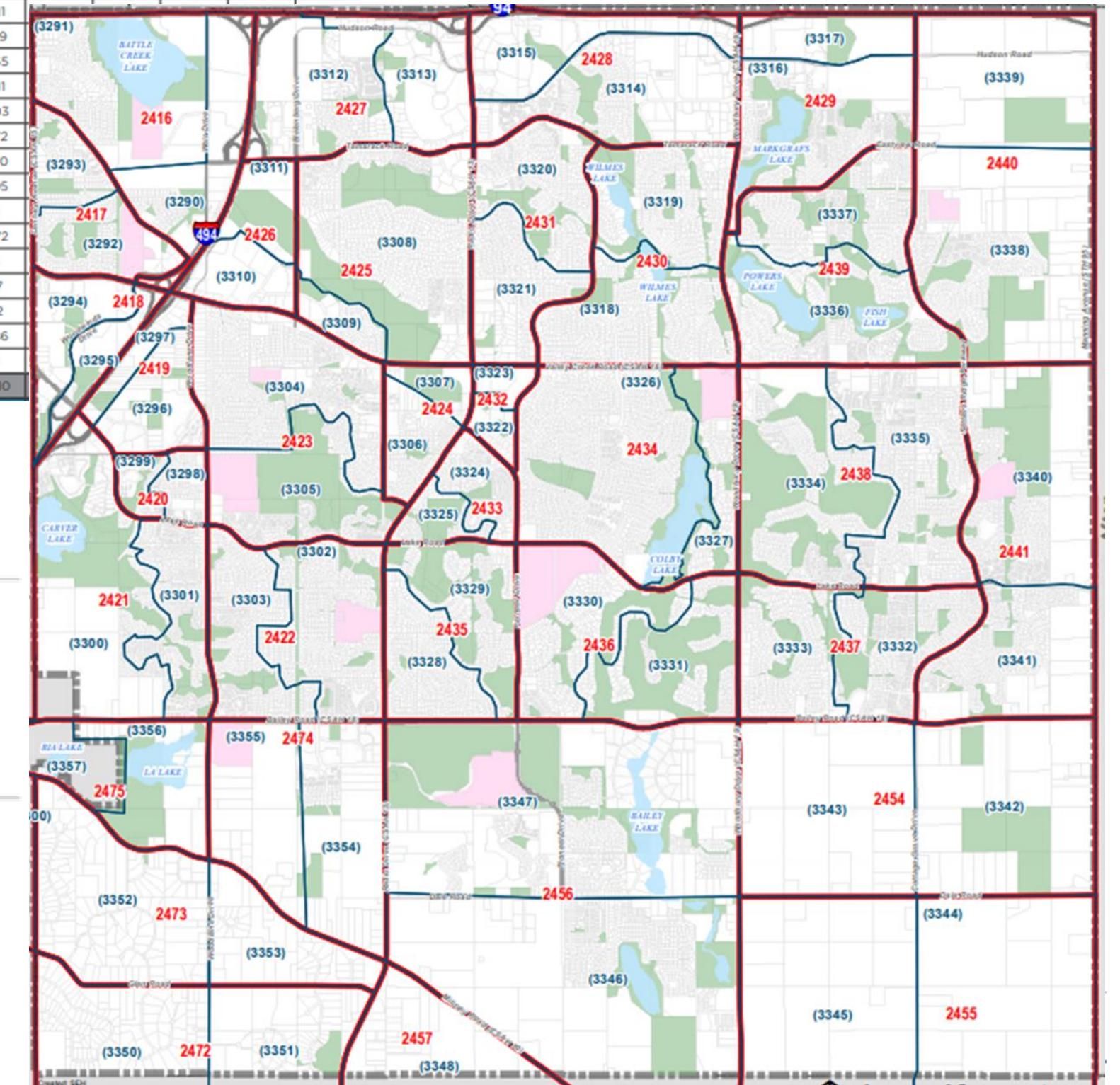
Housing Capacity Increased



Housing Capacity Increased



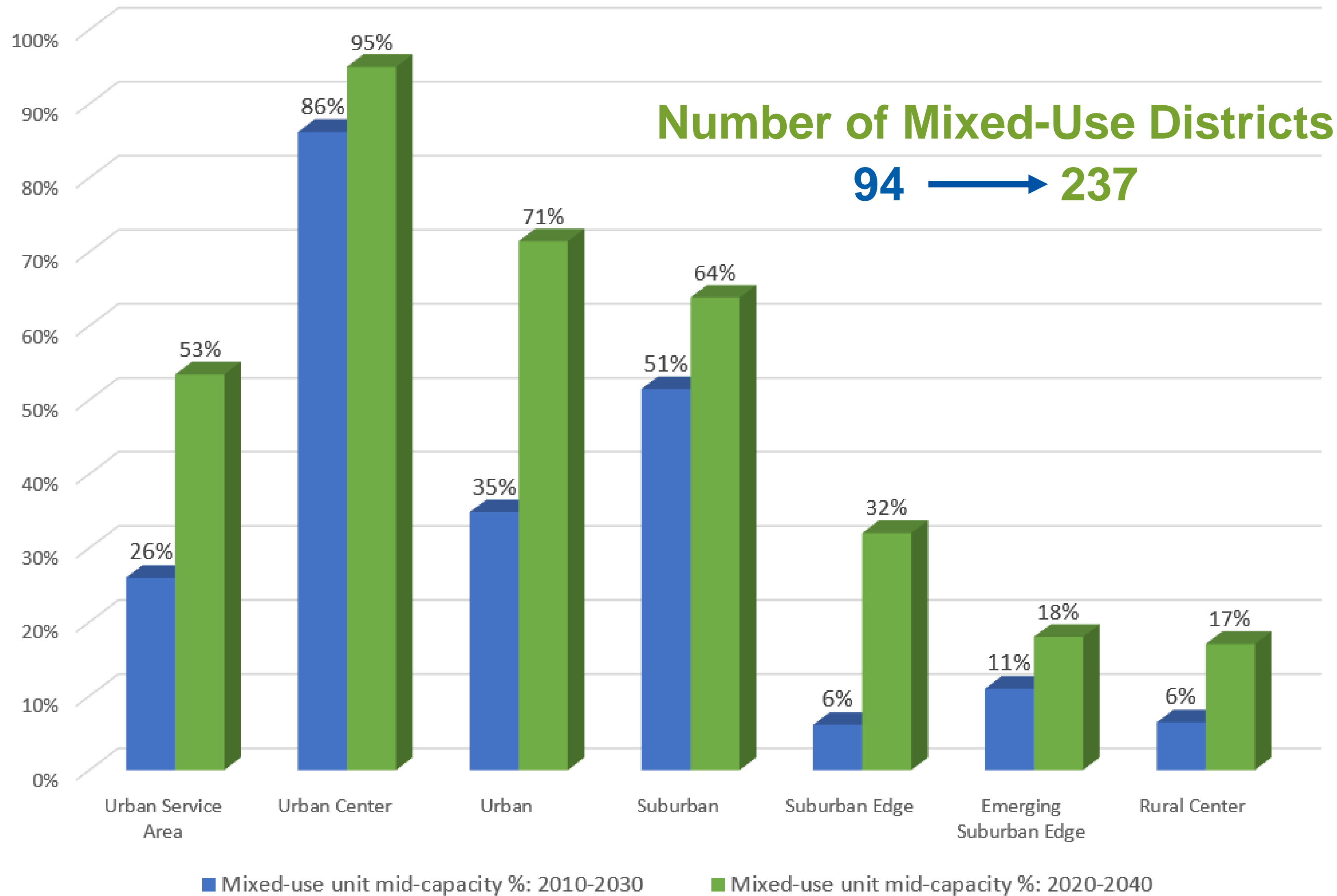
CITY OF WOODBURY SOCIOECONOMIC DATA SUMMARY IN THE REGIONAL MODEL															
TAZ	2015			2020			2030			2040			CHANGE (2015-2040)		
	POP.	HH	EMP.	POP.	HH	EMP.	POP.	HH	EMP.	POP.	HH	EMP.	POP.	HH	EMP.
2416	2,264	959	890	2,378	1,020	1,081	2,640	1,122	1,185	3,121	1,277	1,801	857	318	911
2417	1,530	565	446	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	69	2,911					
2436	1,677	547	288	1,761	582	350	1,956	640	383	1,679					
2437	3,822	1,290	22	4,014	1,371	27	4,457	1,510	30	3,855					
2438	6,304	2,118	191	6,621	2,252	232	7,352	2,479	254	6,311					
2439	3,400	1,115	59	3,571	1,185	72	3,965	1,305	79	3,403					
2440	1,618	581	28	1,699	618	34	1,887	680	38	2,872					
2441	4,050	1,351	127	4,254	1,436	154	4,723	1,581	169	5,370					
2454	81	25	177	85	27	215	94	29	236	2,795					
2455	23	10	2	24	11	2	27	12	3	23					
2456	1,448	551	14	1,521	586	17	1,689	645	18	9,672					
2457	69	30	14	72	32	17	80	35	19	115					
2472	466	200	46	489	213	56	543	234	61	557					
2473	491	179	9	516	190	11	573	209	12	562					
2474	885	330	494	930	351	600	1,032	386	658	2,886					
2475	49	21	29	51	22	35	57	25	39	80					
Total	69,024	25,209	19,833	72,498	26,802	24,094	80,498	29,500	26,403	87,810					



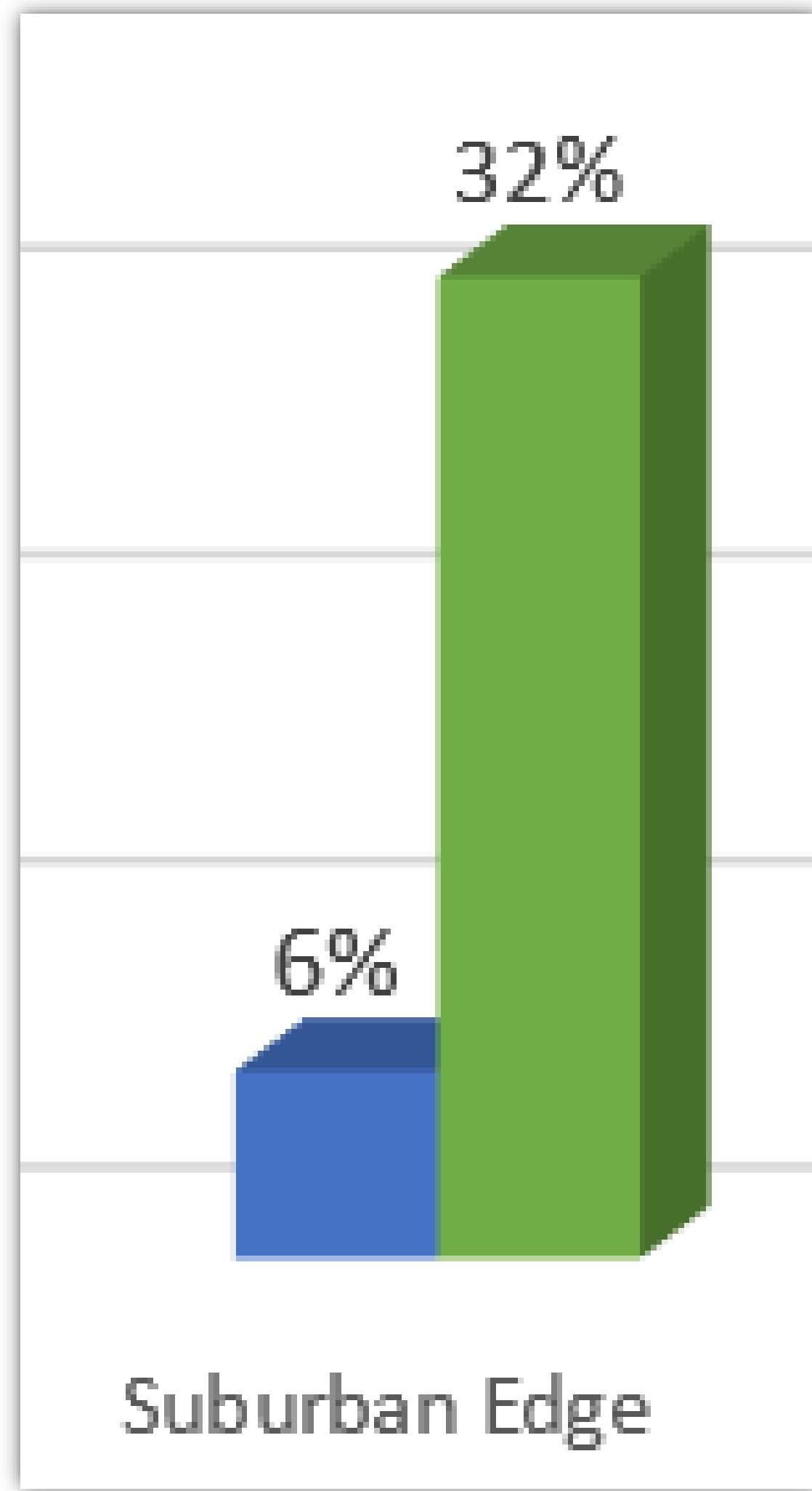
More Mixed Use

- 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

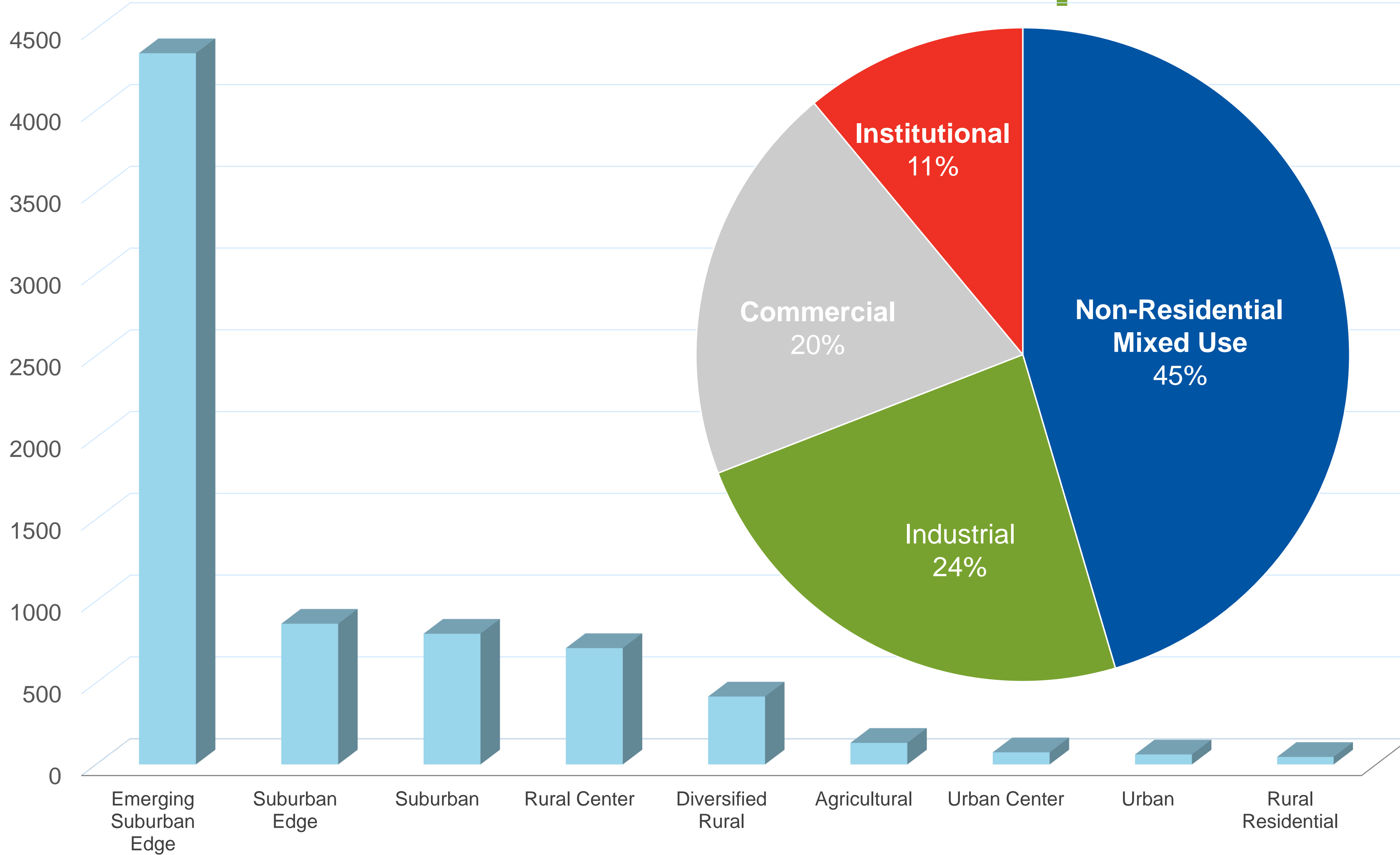


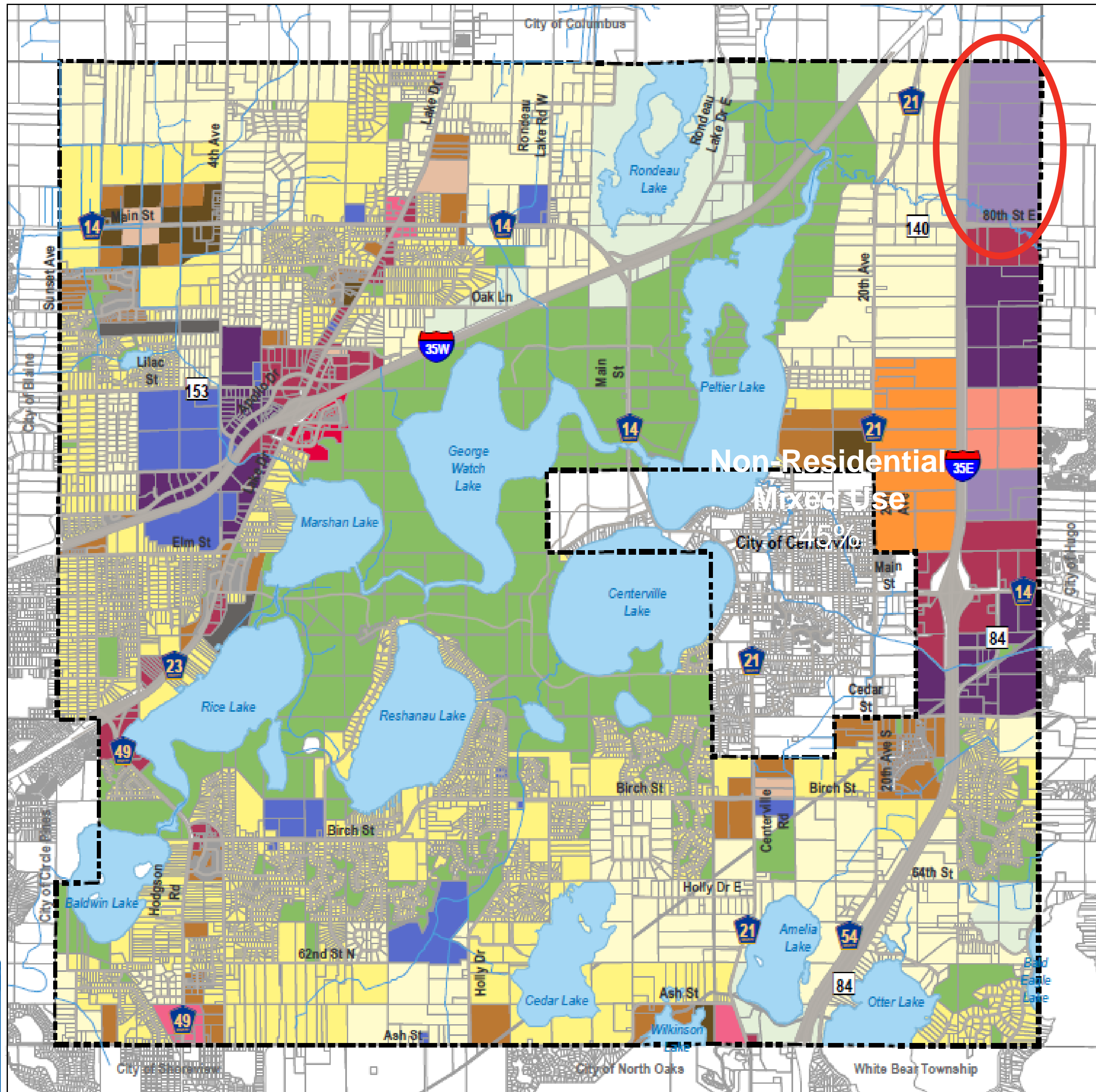
Number of Mixed-Use Districts

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



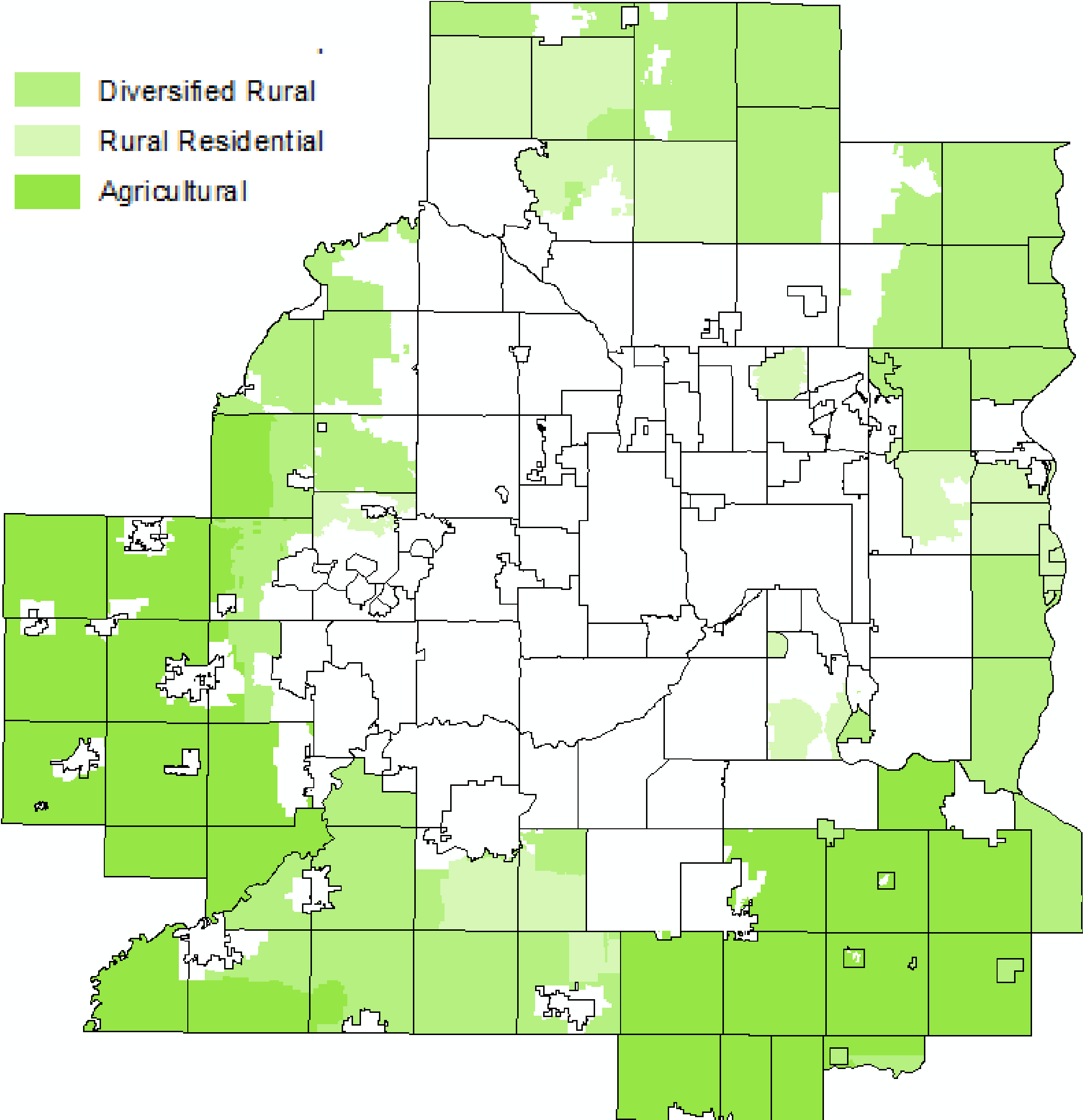


Non-Residential Expansion: *Case of Lino Lakes*

- 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

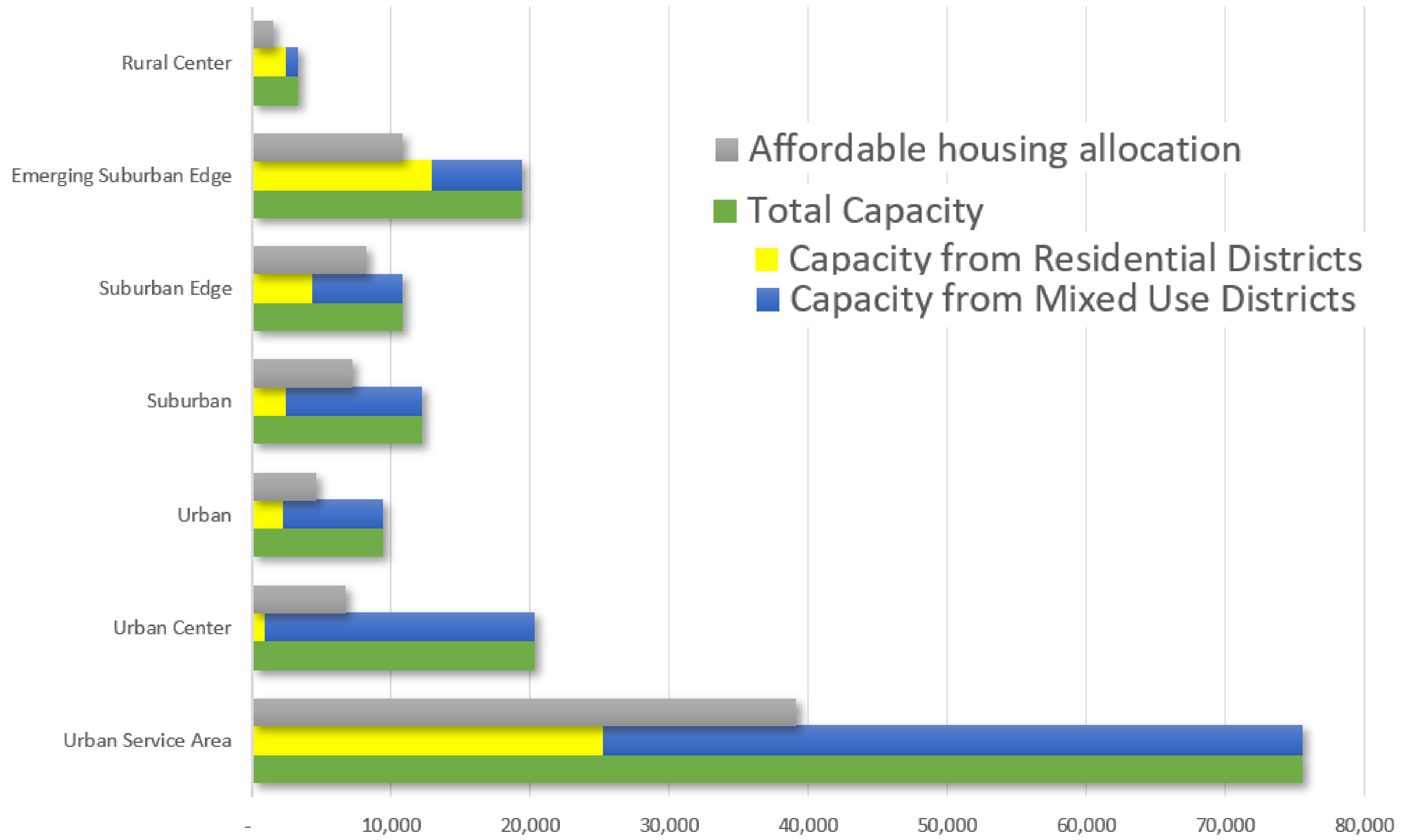
Widespread focus on housing for aging populations

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

Plans Identify Land for Affordable Housing



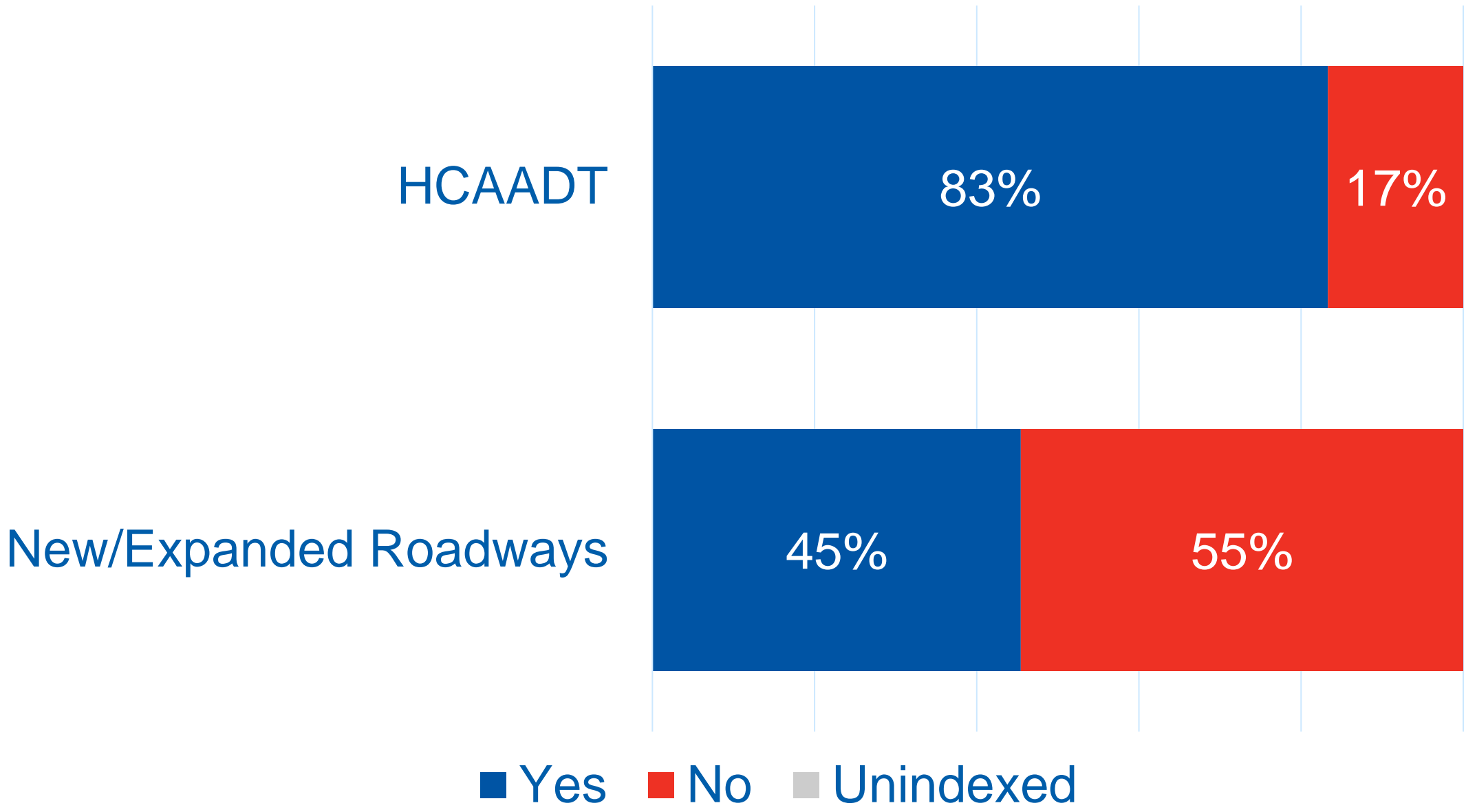
Transportation



Transportation Overview

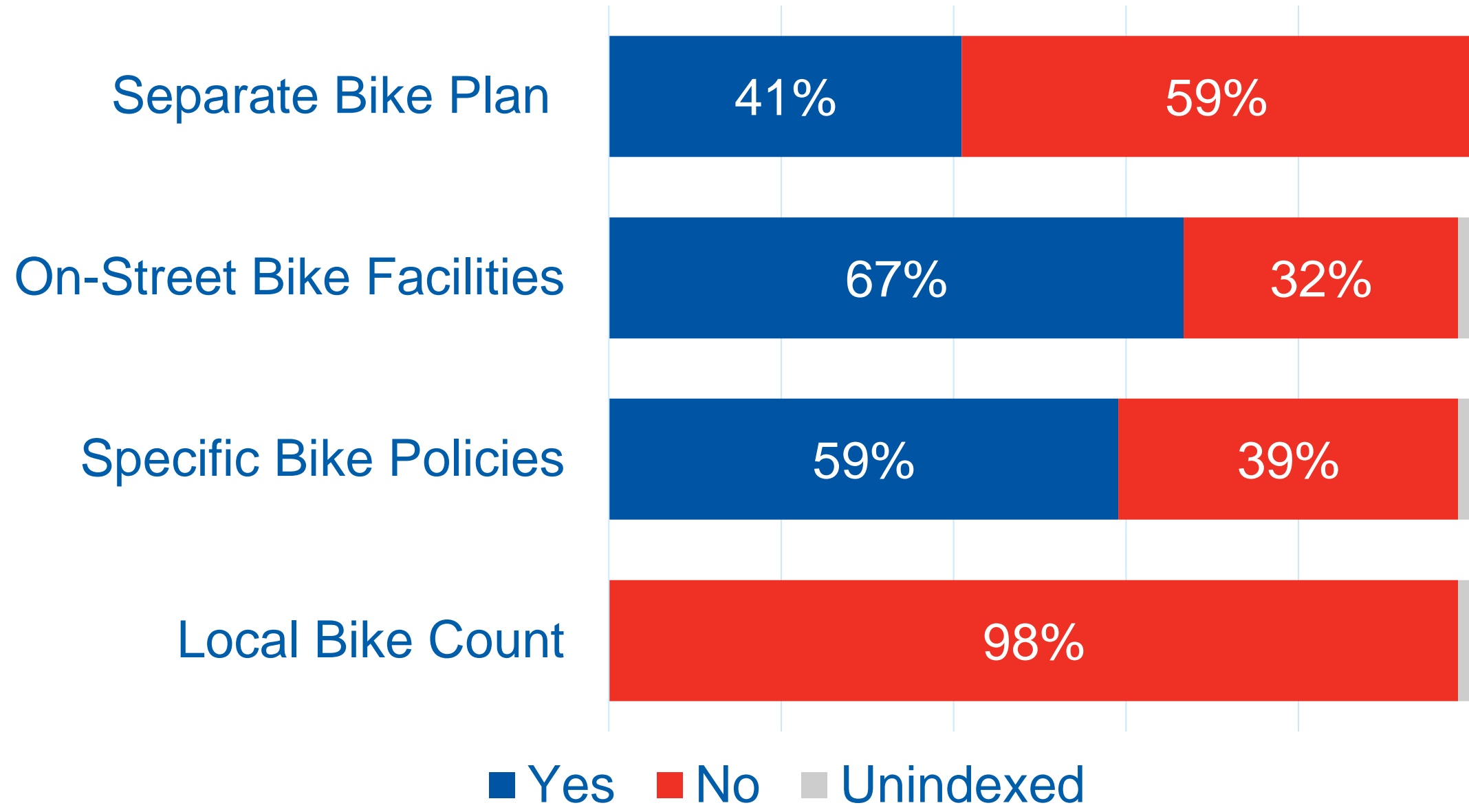
Highways

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



Biking

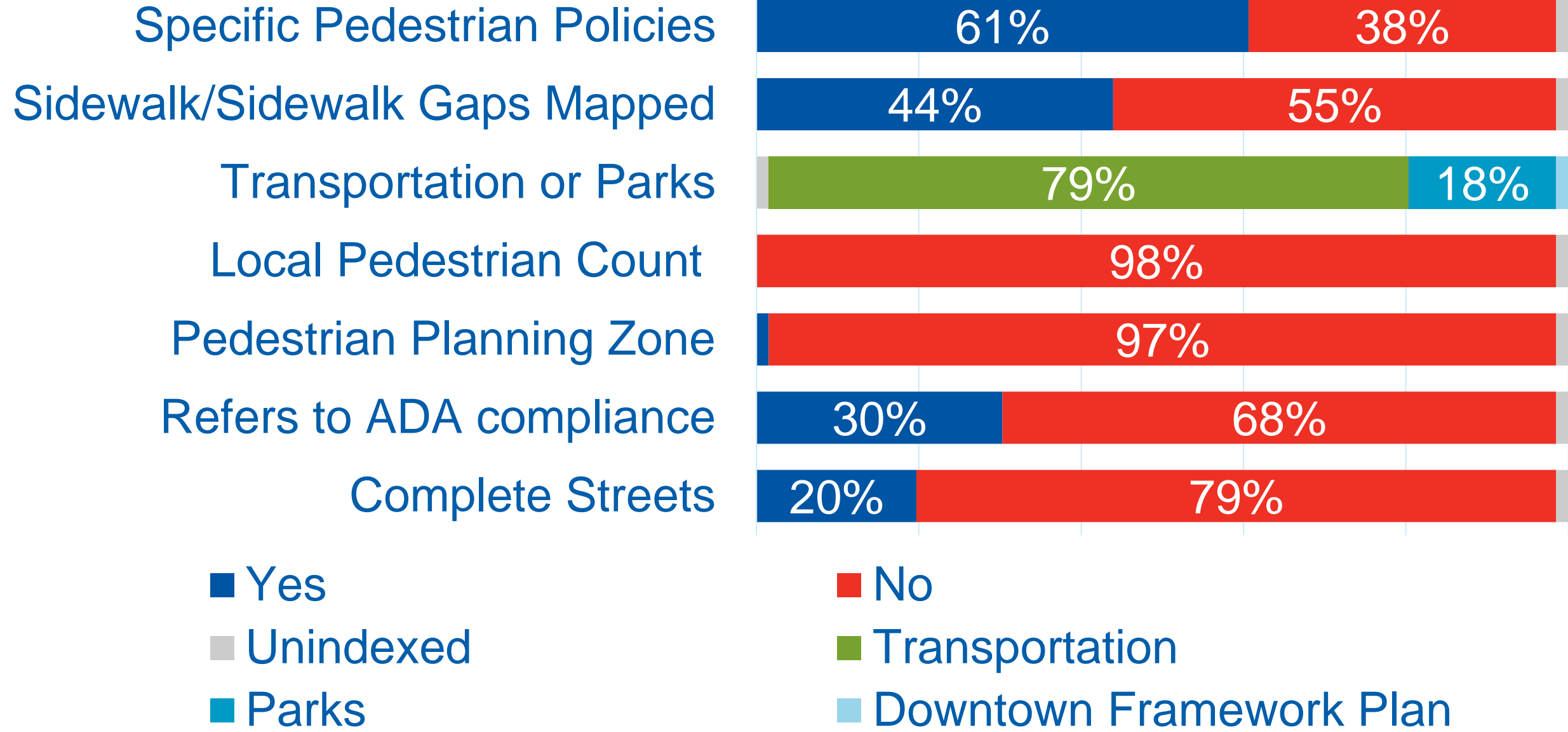
0% 20% 40% 60% 80% 100%



Transportation Overview

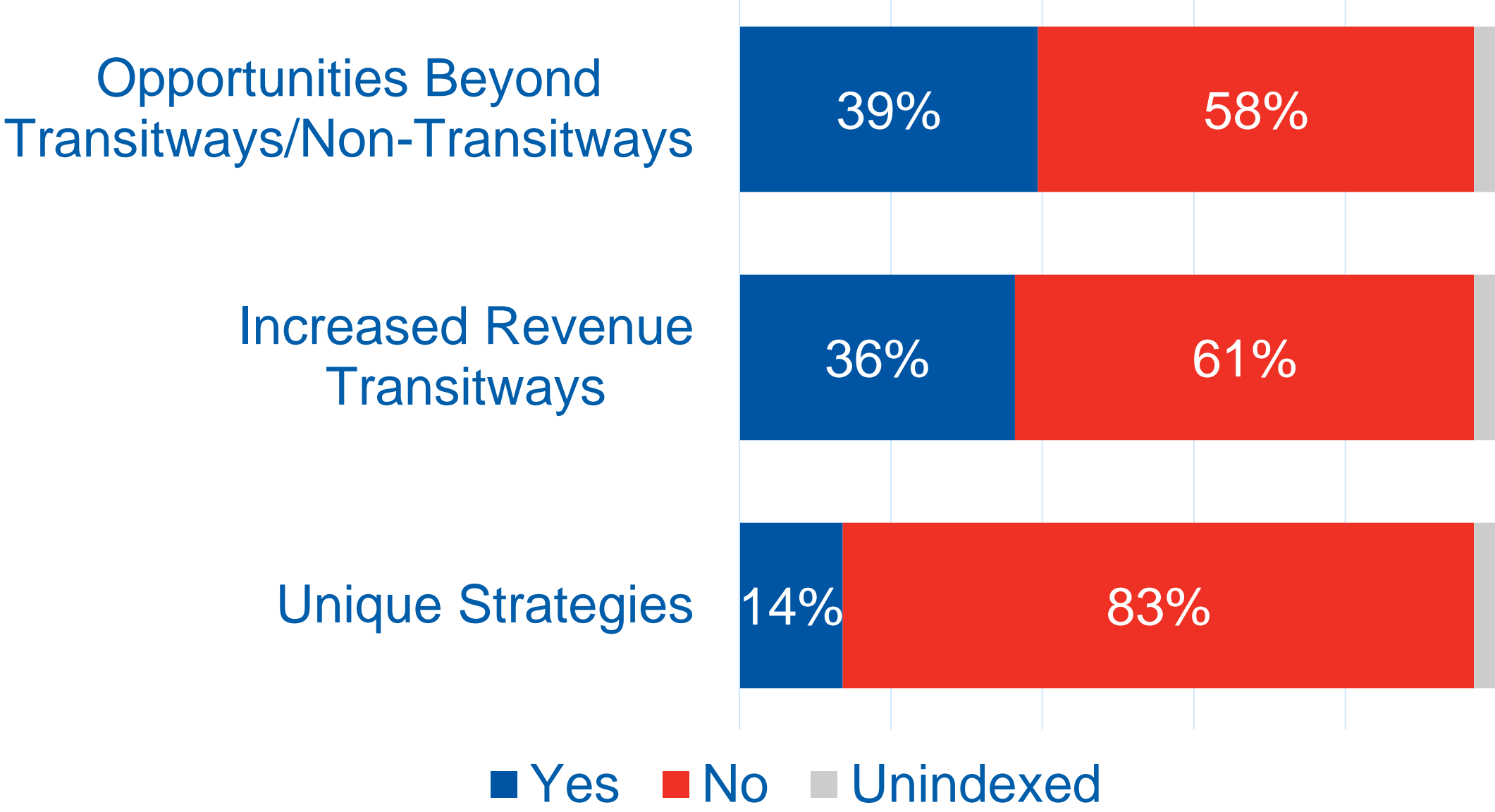
Pedestrian

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



Transit

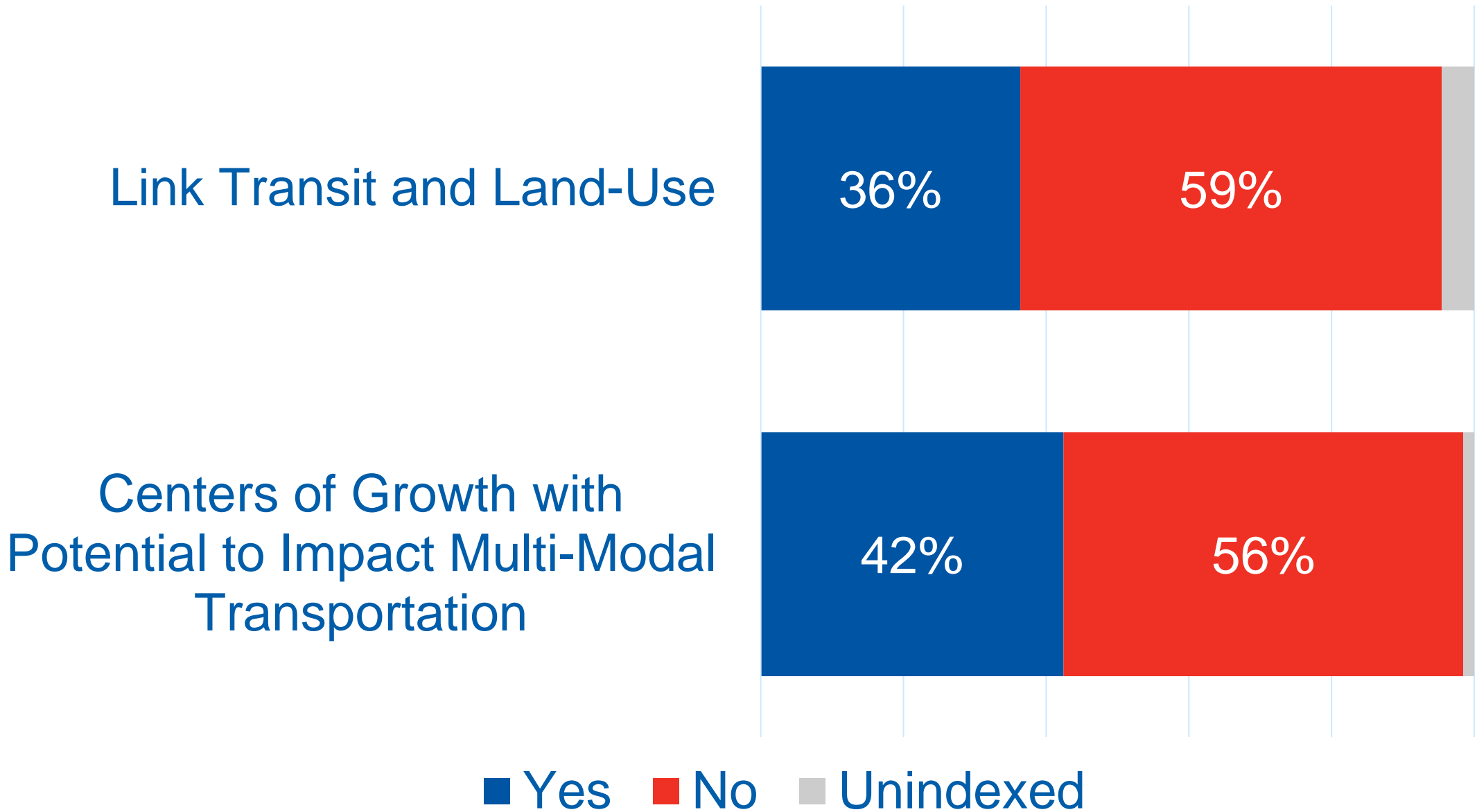
0% 20% 40% 60% 80% 100%



Transportation Overview

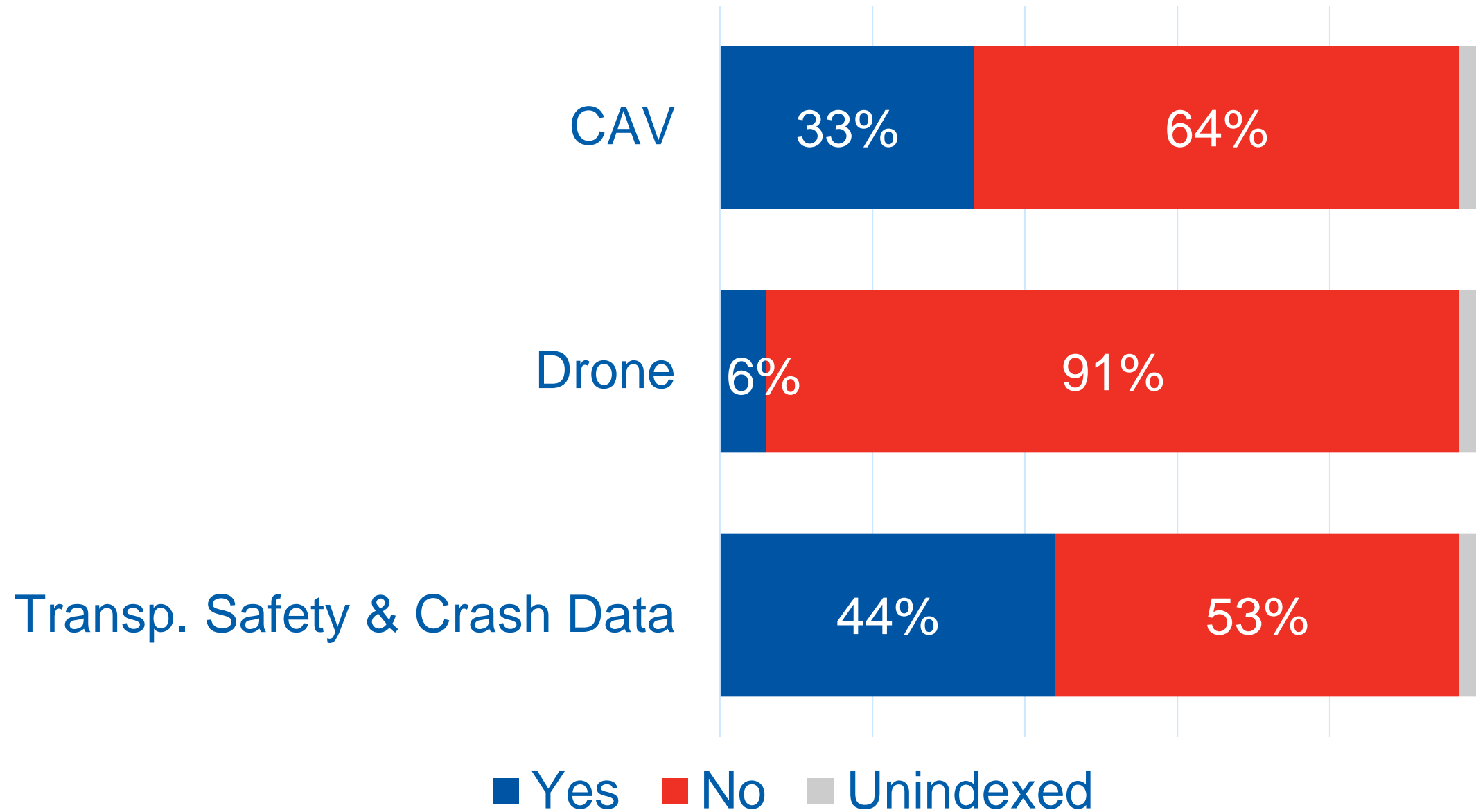
Land Use

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



Miscellaneous

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

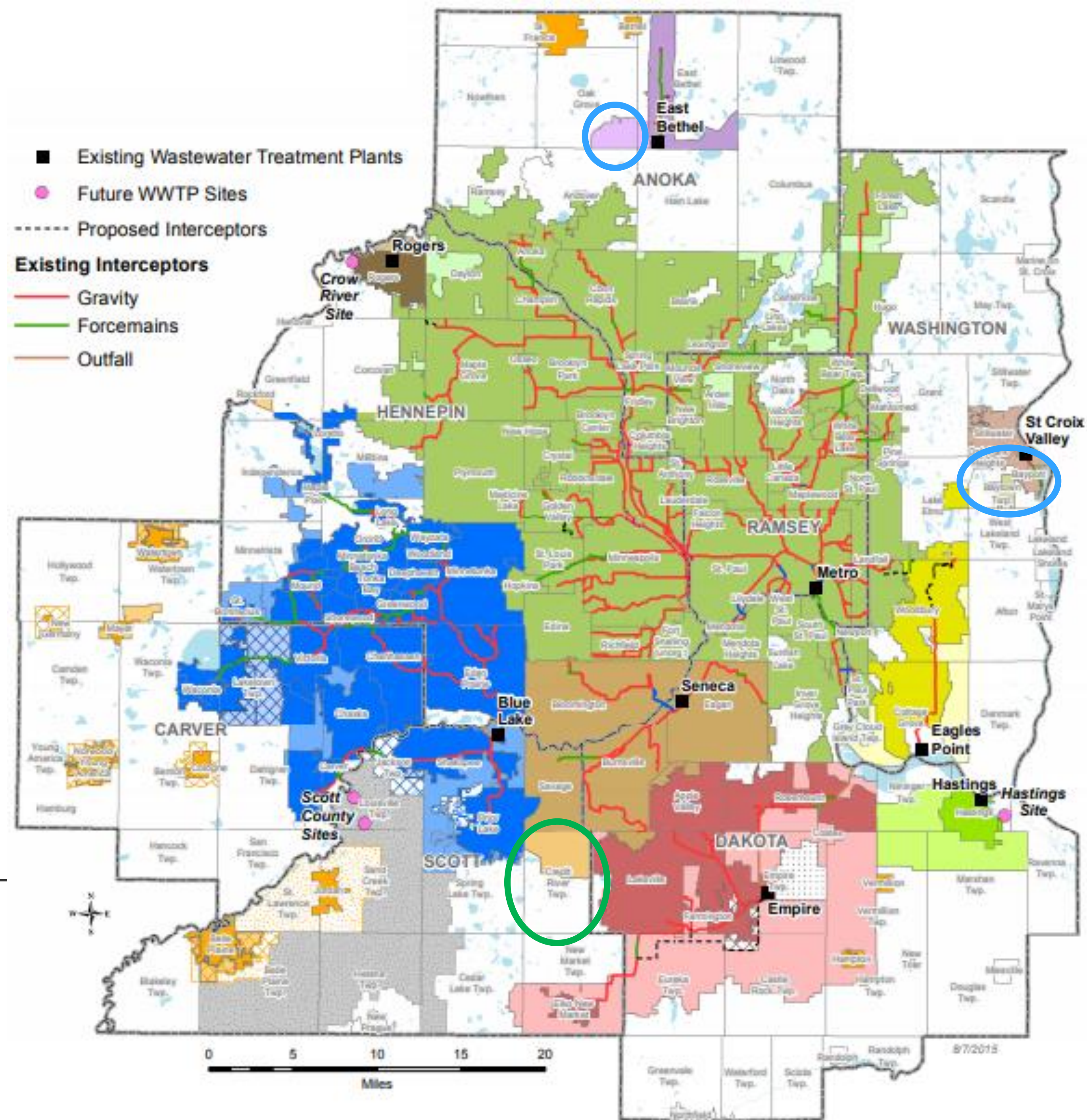
- Lino Lakes – New interceptor first planned in 2008, now required by 2030
- Lake Elmo – Capacity enhancement for SW area of City.
- Savage – Trunk sewer acquisition for Credit River Twp. Service by 2030.

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.



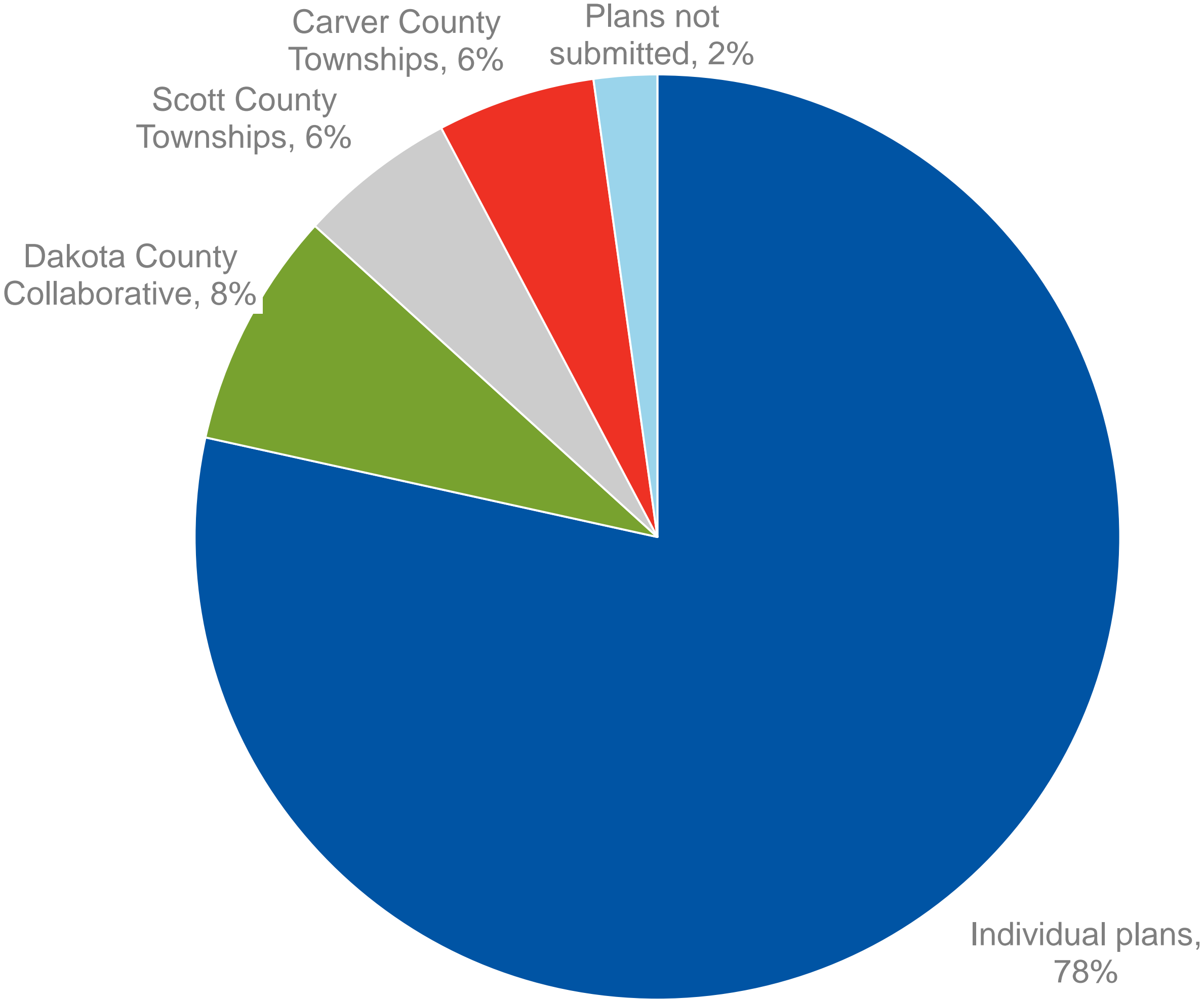
Long-Term Service Areas

Area	Current	Potential
Rural Centers	[Orange Box]	[Light Orange Box]
Metro	[Green Box]	[Light Green Box]
Blue Lake	[Blue Box]	[Light Blue Box]
Seneca	[Brown Box]	[Light Brown Box]
Empire	[Red Box]	[Light Red Box]
Eagles Point	[Yellow Box]	[Light Yellow Box]
St. Croix Valley	[Tan Box]	[Light Tan Box]
Hastings	[Light Green Box]	[Lighter Green Box]
Rogers	[Dark Brown Box]	[Lighter Brown Box]
East Bethel	[Purple Box]	[Lighter Purple Box]

[Blue Box with Dots]	Shakopee Mdewakanton Sioux Community
[Grey Box]	Scott Co. Urban Expansion
[Dotted Box]	Scott Co. Rural Center Expansion
[Dotted Box]	Wildlife Mgmt. Area
[Black Line]	County Boundaries
[Thin Black Line]	City and Township Boundaries
[Blue Line]	Lakes and Rivers

Area	Current	Potential
Rural Centers Pre-2030	[Orange Box with Dots]	[Light Orange Box with Dots]
Blue Lake Pre-2030	[Blue Box with Dots]	[Light Blue Box with Dots]
Rural Centers Post-2030	[Orange Box with Dots]	[Light Orange Box with Dots]
Blue Lake Post-2030	[Blue Box with Dots]	[Light Blue Box with Dots]
Empire Post-2030	[Red Box with Dots]	[Light Red Box with Dots]

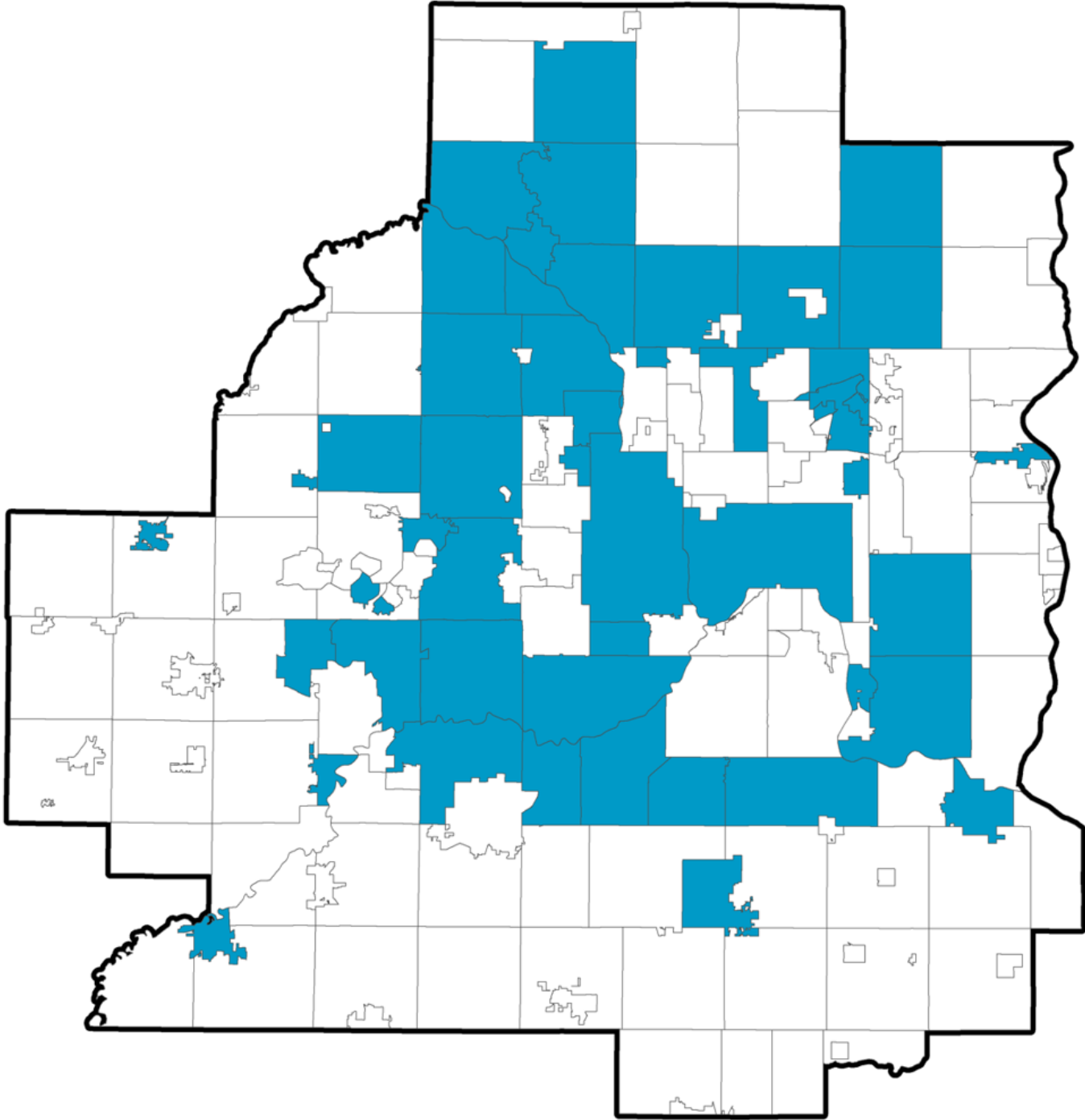
Local Surface Water Plans by the Numbers



- 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

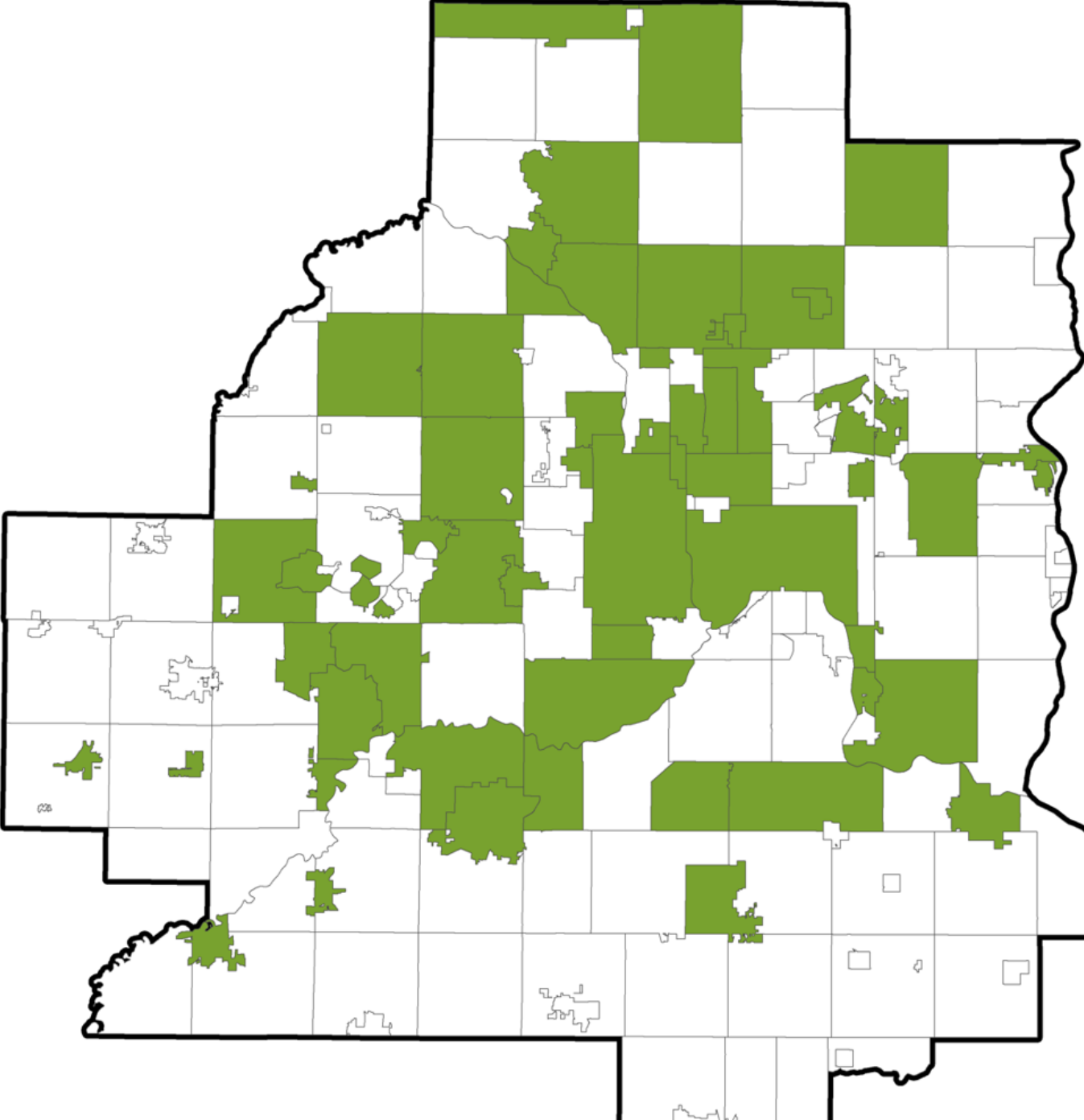


Water Supply Planning by the Numbers



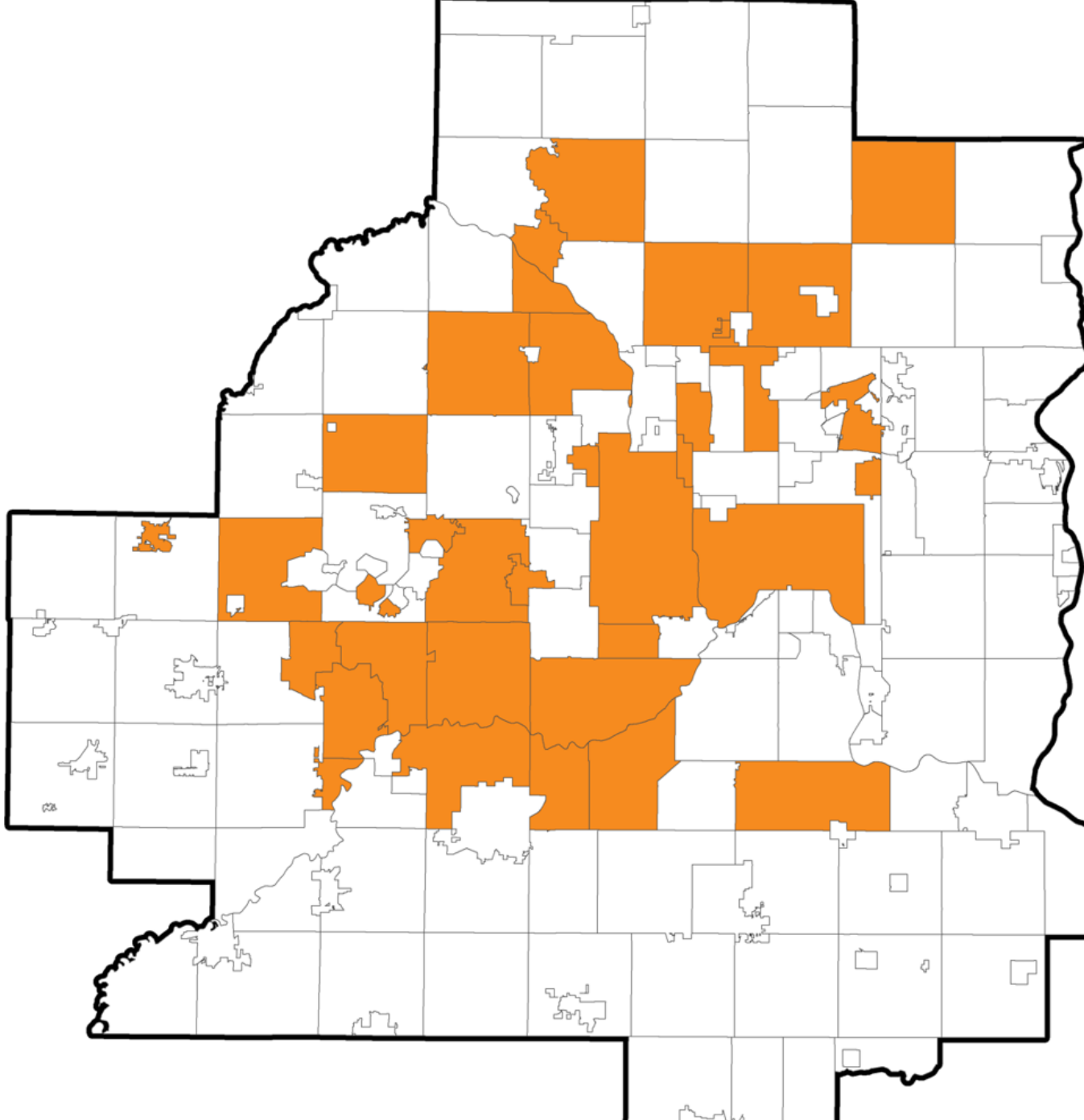
NEW WELLS

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

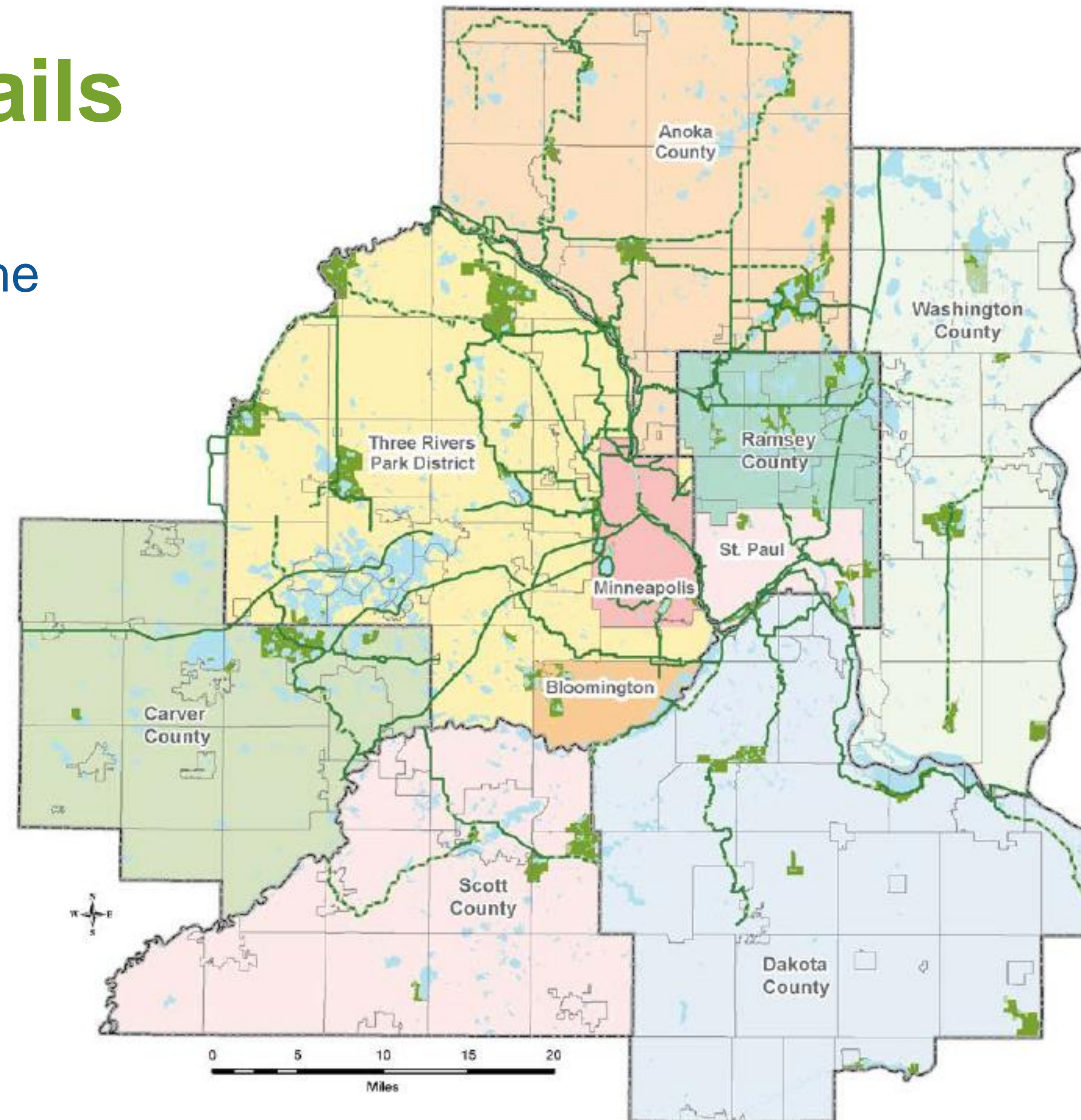
65% of the metro area has been designated as a source water management areas (surface water and/or groundwater); increase

Parks, Climate Change, and Natural Resources

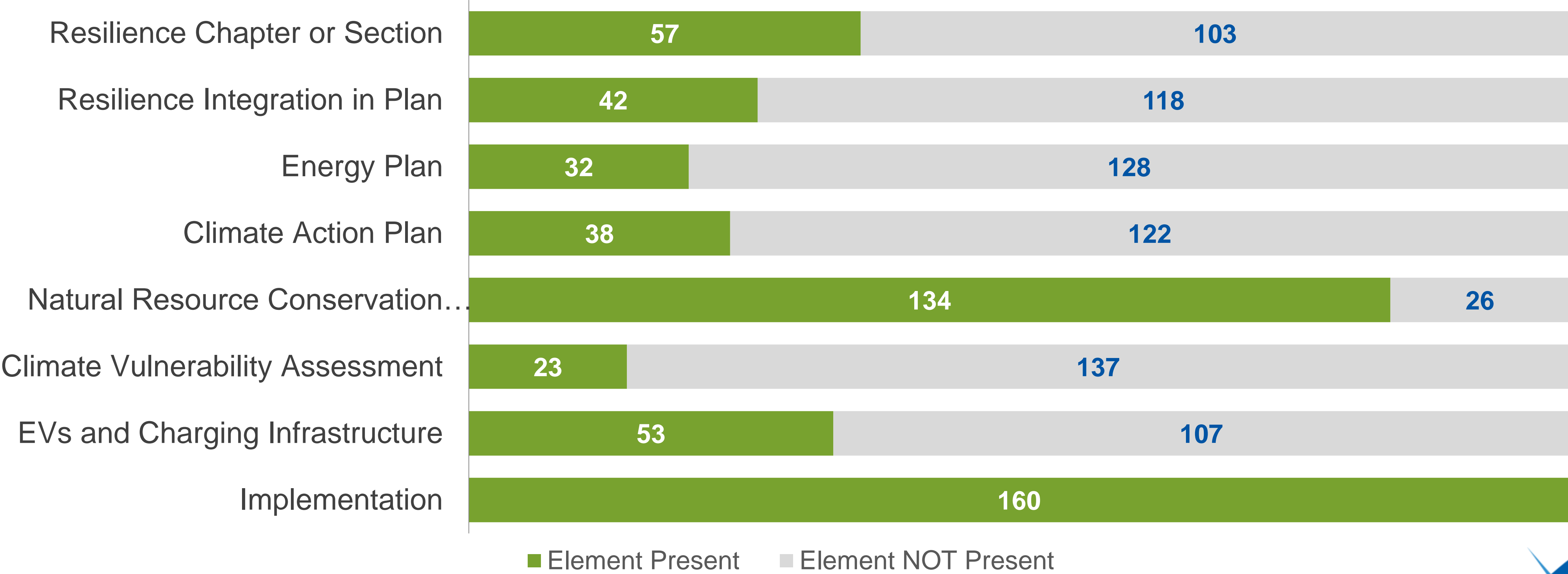


Regional Parks and Trails

- 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

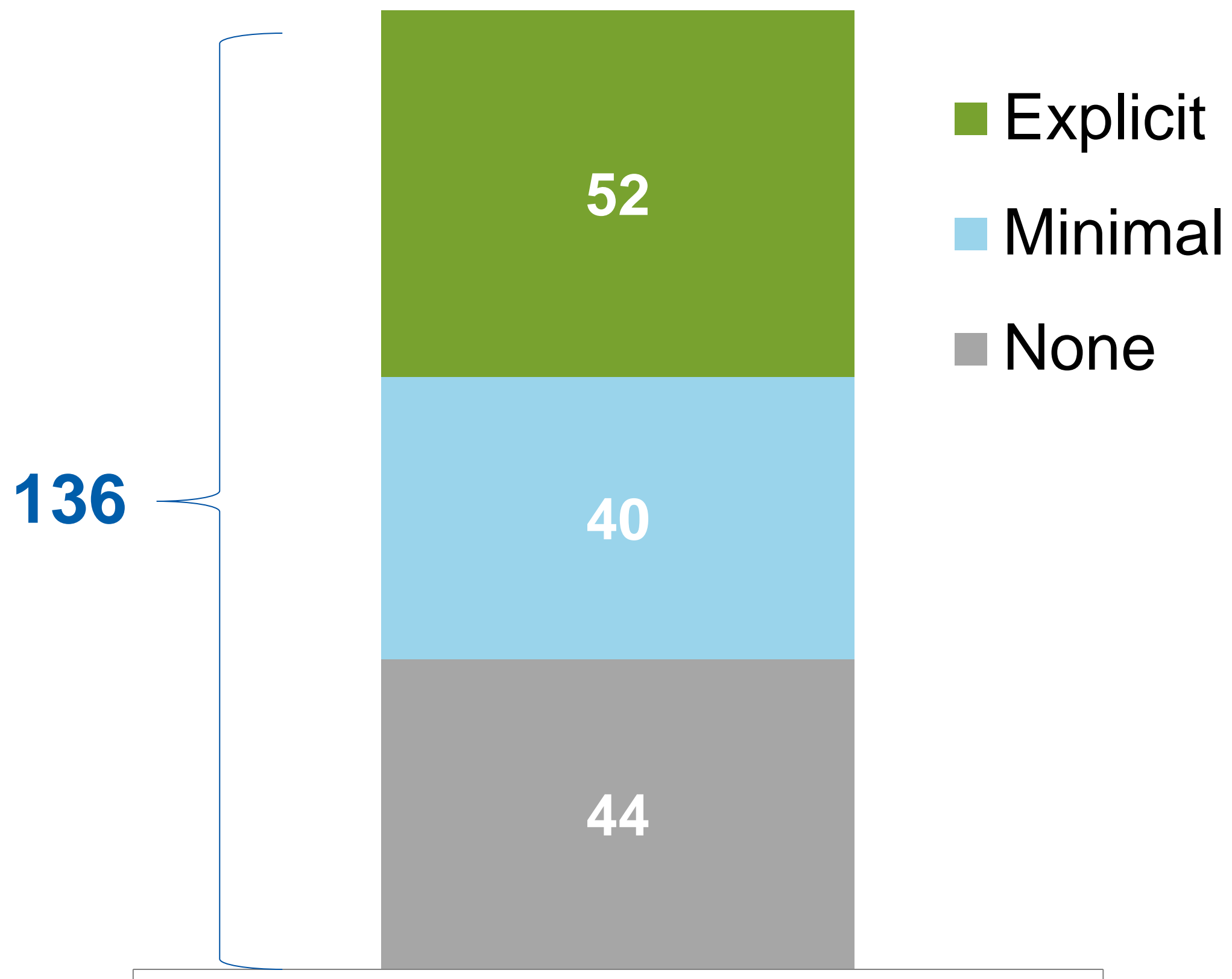
Natural Resources Inventory or Management Plan

Support initiatives to preserve and conserve local assets

Equity



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

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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