PlanIt

Webinar Series for
Comprehensive Plan Updates

Kick-off to Comprehensive Plans

Presented by Dan Marckel and Dennis Farmer
May 26, 2016

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Local Plan Implementation and Plan Amendments

United States Census 2010

2013 - 2014
Regional Development Guide

Thrive MSP 2040

2014 - 2015
Regional System and Policy Plans:

Regional Parks
Water Resources
Transportation
Housing

Fall 2015
System Statements

Fall 2015
LOCAL PLANNING HANDBOOK

December 31, 2018
Comprehensive Plan Updates

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REGIONAL 10-YEAR PLANNING CYCLE

Development Guides
1968-2014

1968

1971

1988
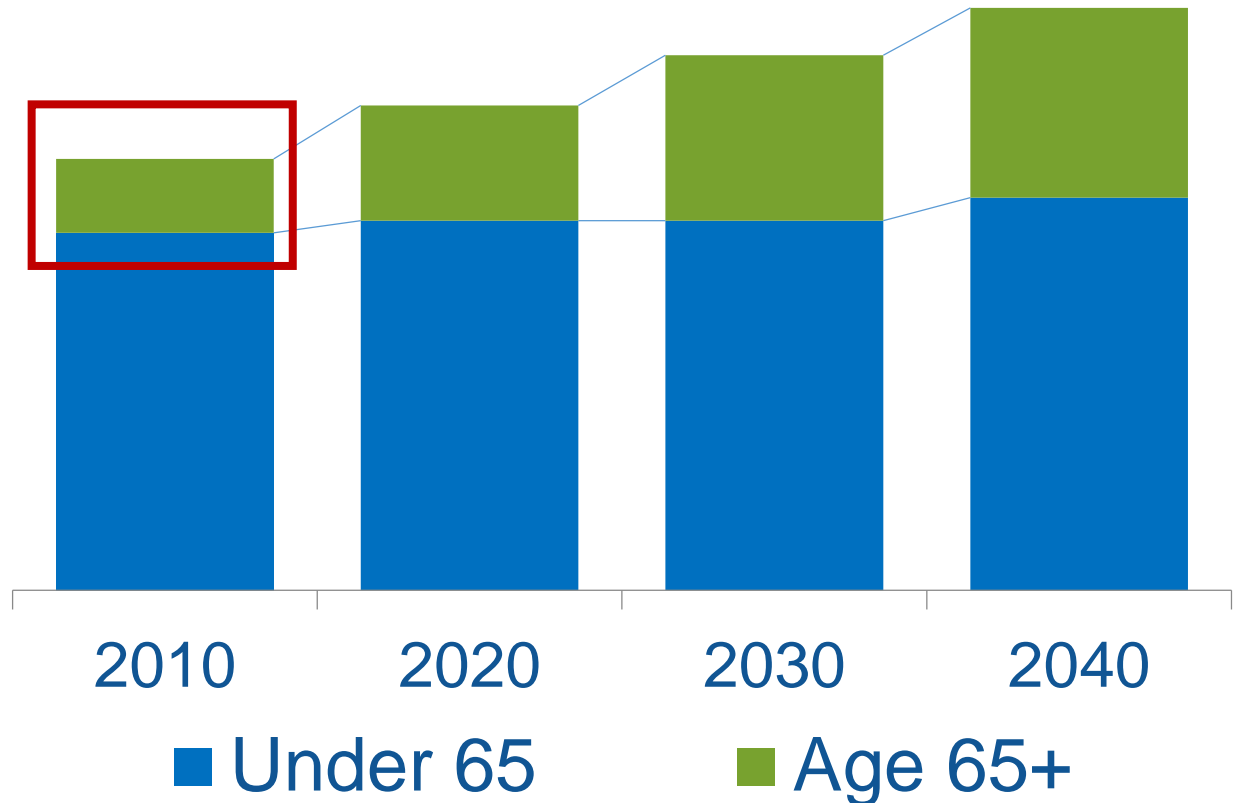
1996

2002

2004

2014

Trends in the Region

- Continued job, household and population growth
- Demographic shifts
- Emerging environmental challenges
- Economic competition with other regions
- Constrained fiscal resources

Older residents driving household growth

One in six households in 2010

Under 65 ■ Age 65+

2010   2020   2030   2040

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Older residents driving household growth

One in six households in 2010

One in three households in 2040

Under 65 ■ Age 65+

2010   2020   2030   2040

Source: 1990-2010 data on population from Census Bureau;
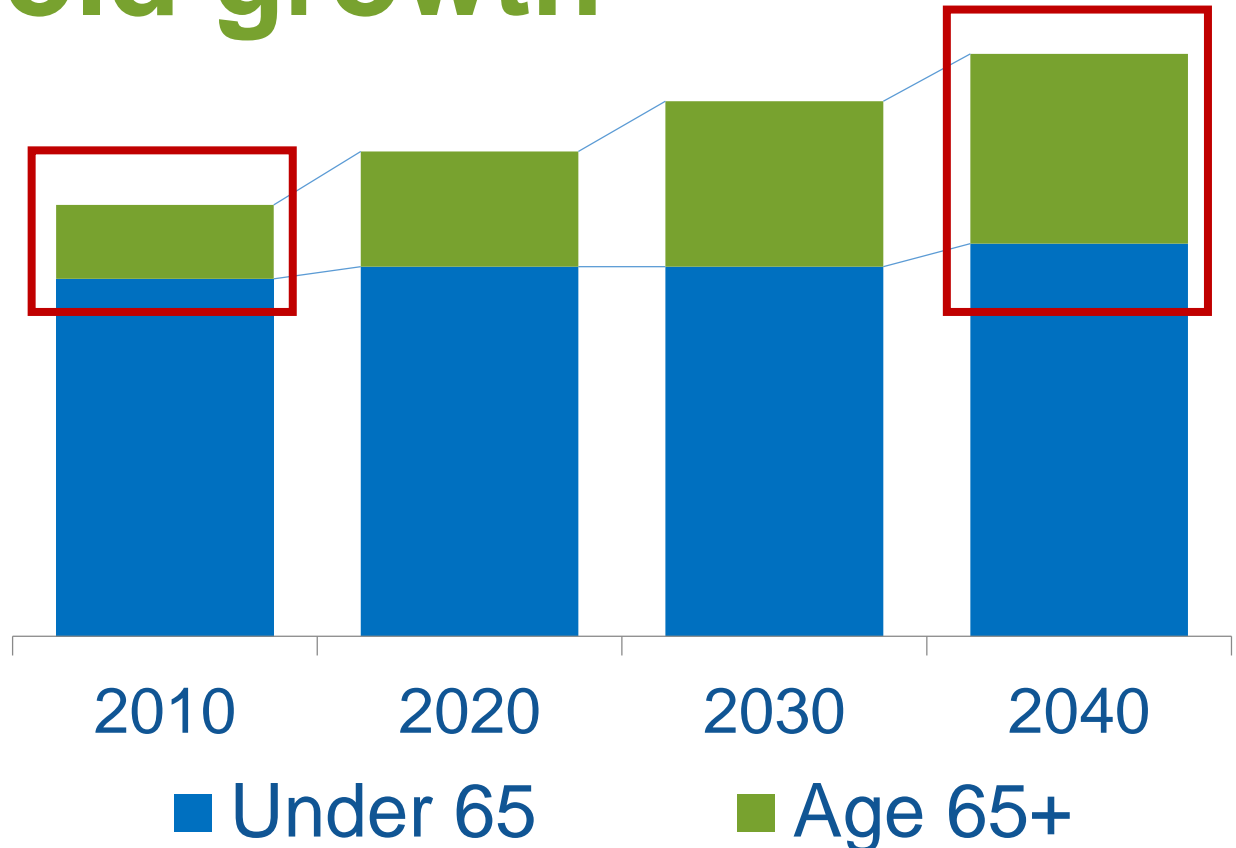2040 forecasts from the Metropolitan Council (February 2014 release)

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More people of color!

9 percent people of color in 1990

Legend: ■ White ■ Black or African-American ■ Asian and other ■ Latino

X-axis: 1990, 2000, 2010, 2020, 2030, 2040
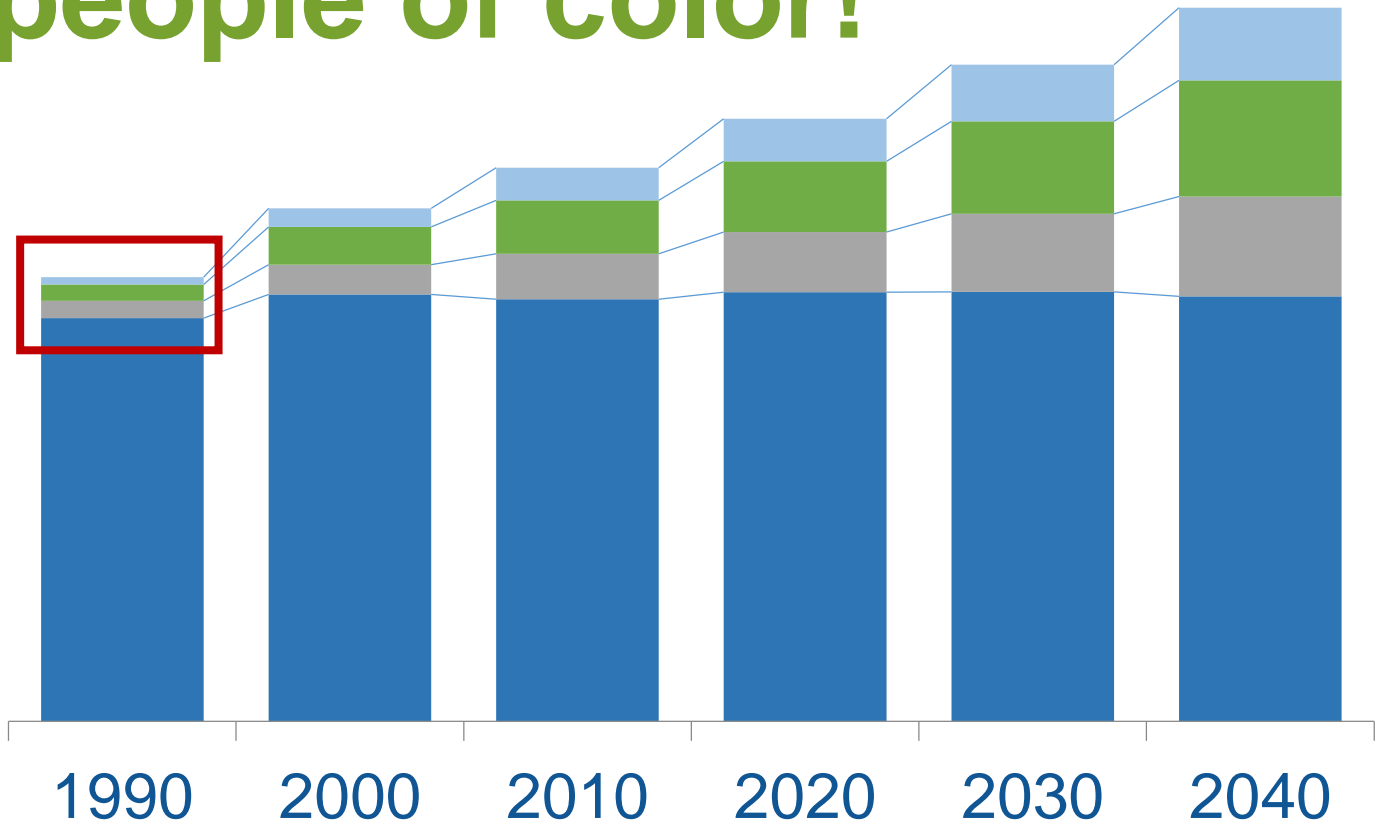
Source: 1990-2010 data on population from Census Bureau;
2040 forecasts from the Metropolitan Council (February 2014 release)

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More people of color!

9 percent people of color in 1990

24 percent people of color in 2010

Legend: ■ White ■ Black or African-American ■ Asian and other ■ Latino

Source: 1990-2010 data on population from Census Bureau;
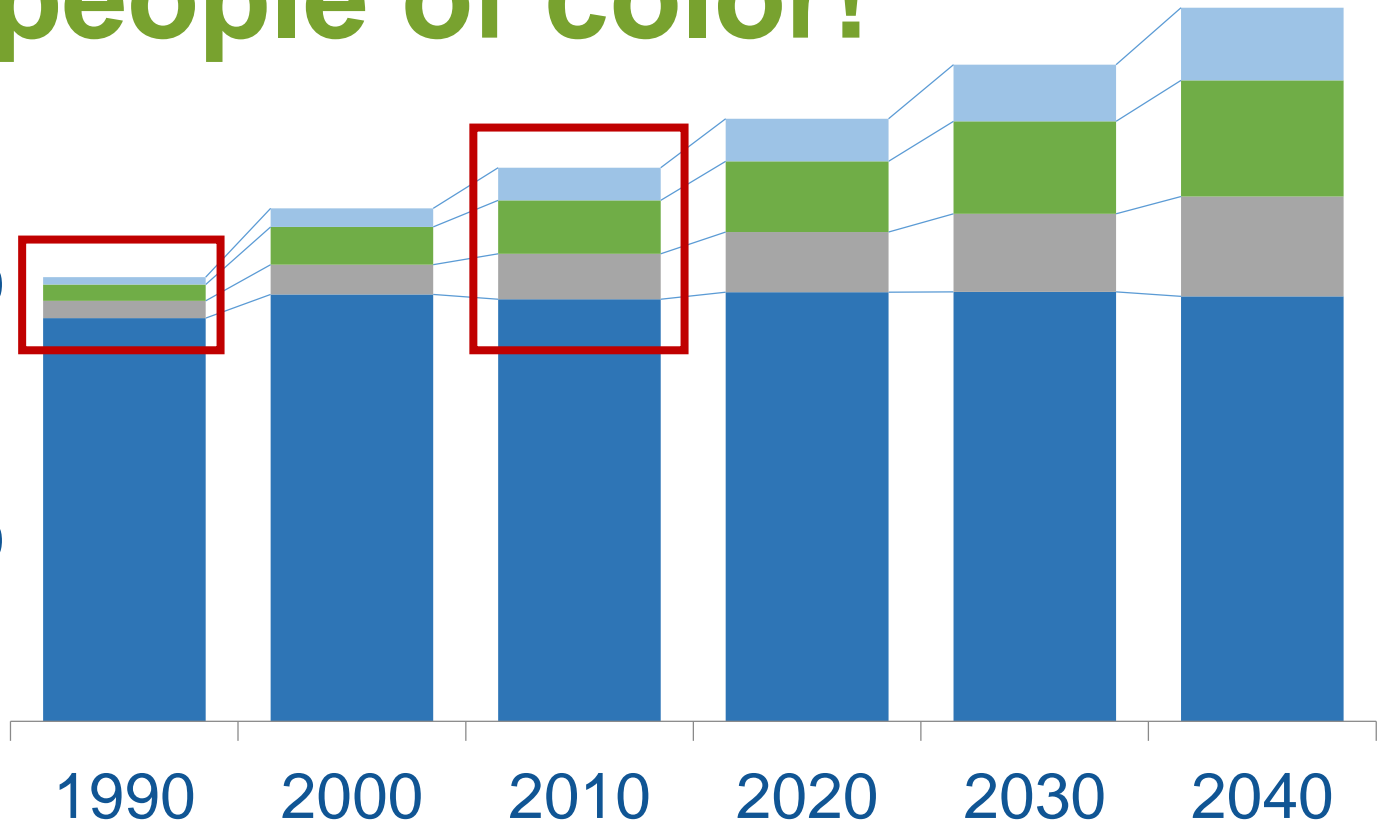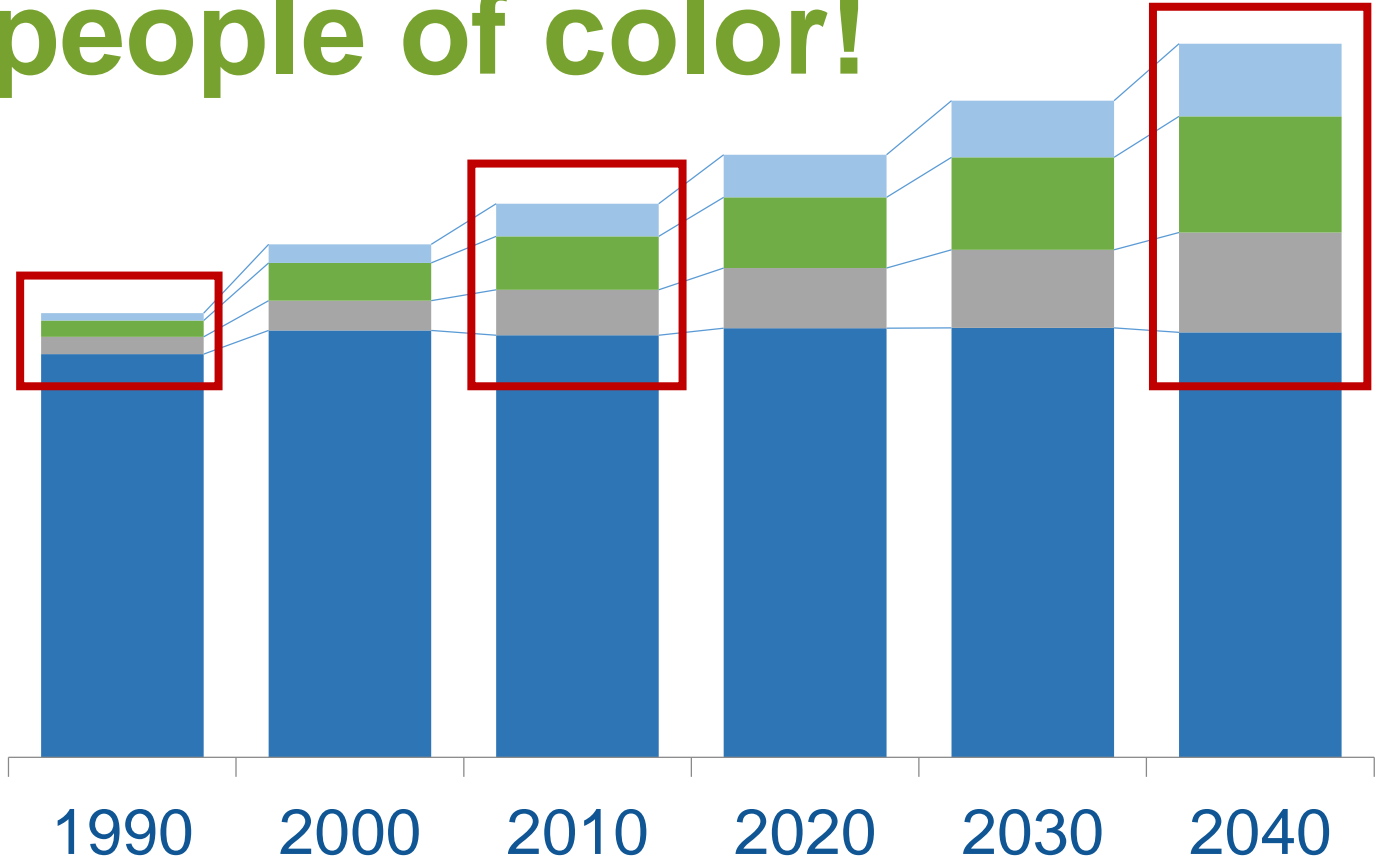2040 forecasts from the Metropolitan Council (February 2014 release)

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More people of color!

9 percent people of color in 1990

24 percent people of color in 2010

41 percent people of color in 2040

Legend: ■ White ■ Black or African-American ■ Asian and other ■ Latino

Years: 1990 2000 2010 2020 2030 2040

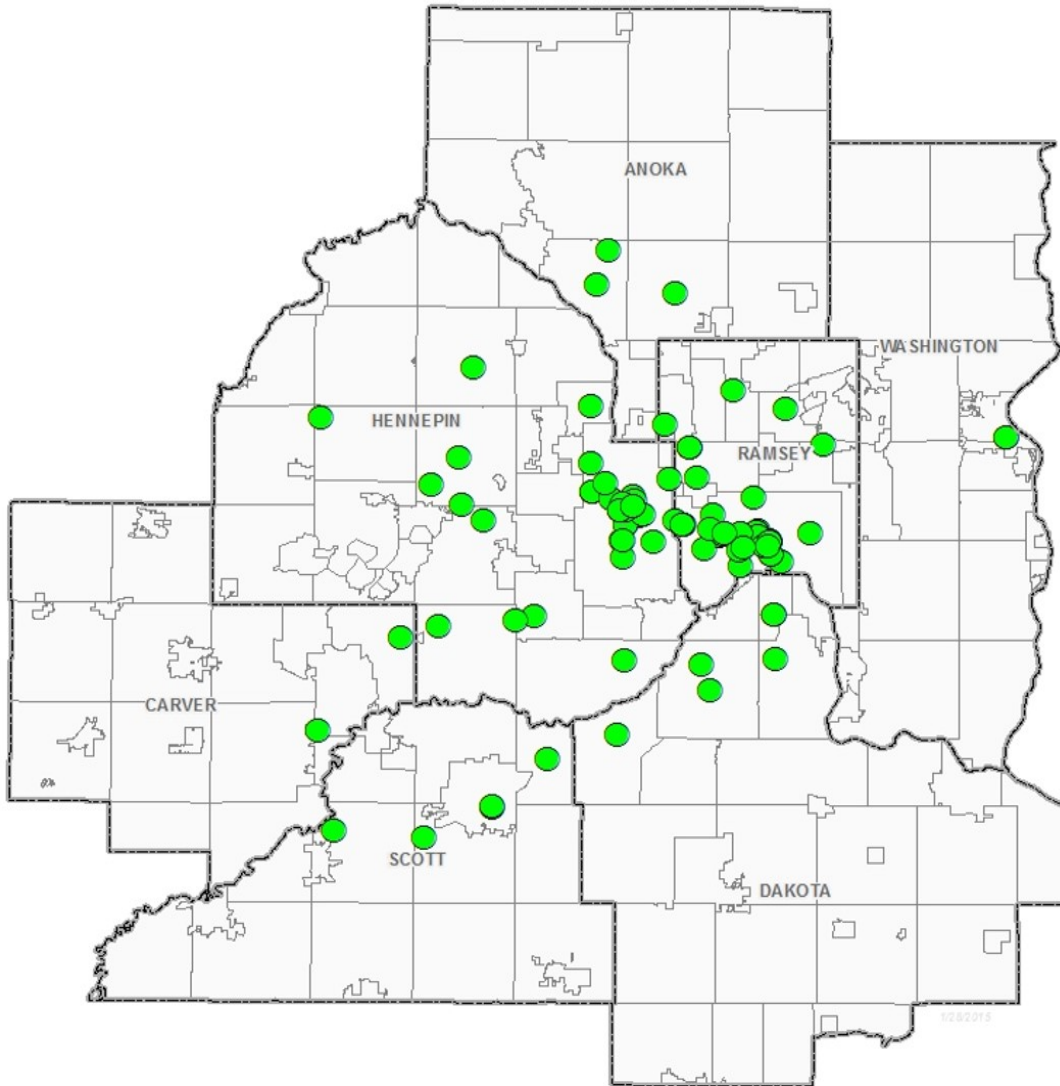Source: 1990-2010 data on population from Census Bureau;
2040 forecasts from the Metropolitan Council (February 2014 release)

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In-person engagement

More than 2000 attendees at over 100 events

What kind of region do we want for our children?

Thrive Outcome: Stewardship

Thrive Outcome: Prosperity

Thrive Outcome: Equity

Thrive Outcome: Livability

Thrive Outcome: Sustainability

Thrive Principles

Integration

Collaboration

Accountability

Thrive Community Designations
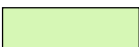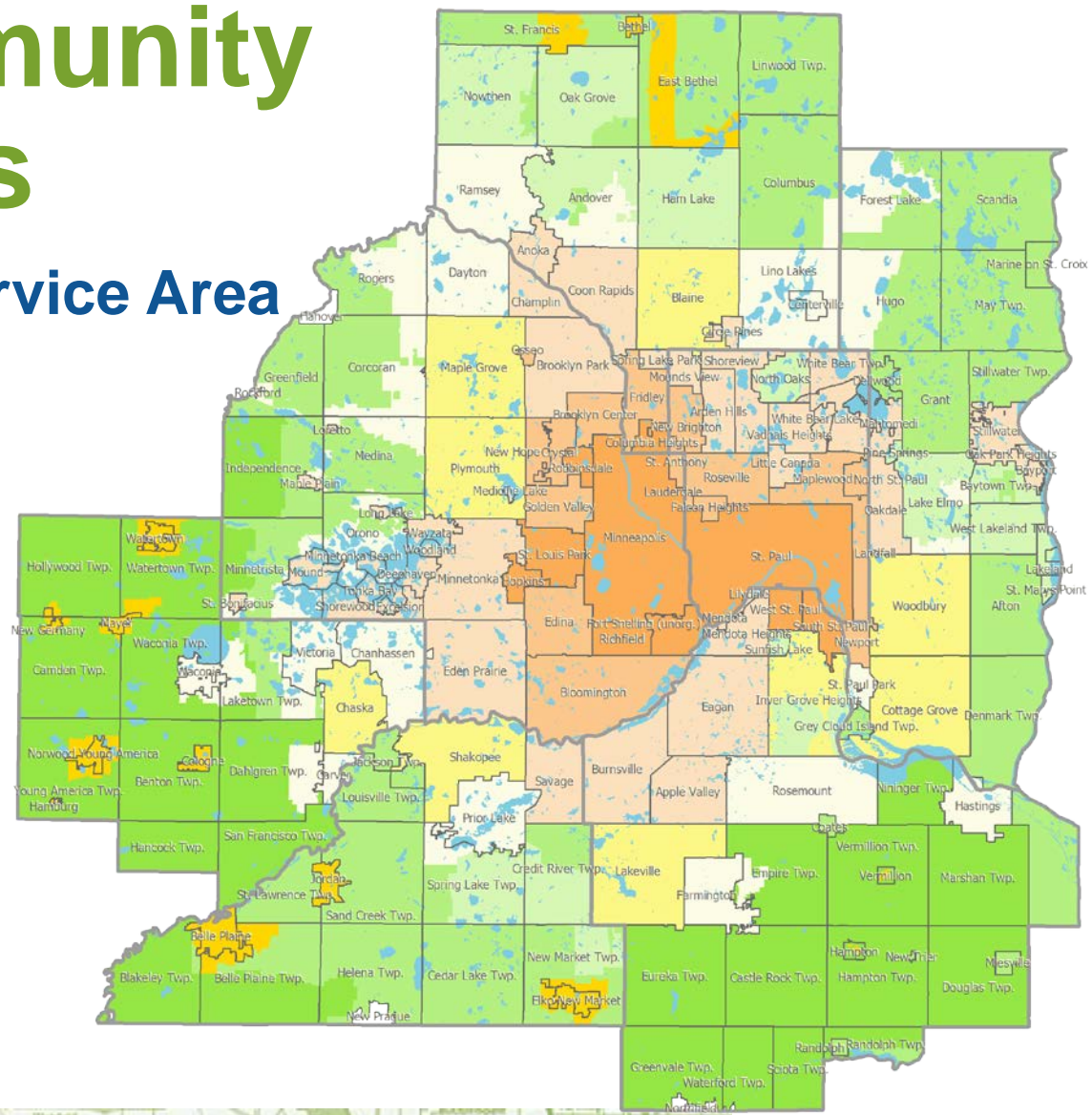
Metropolitan Urban Service Area

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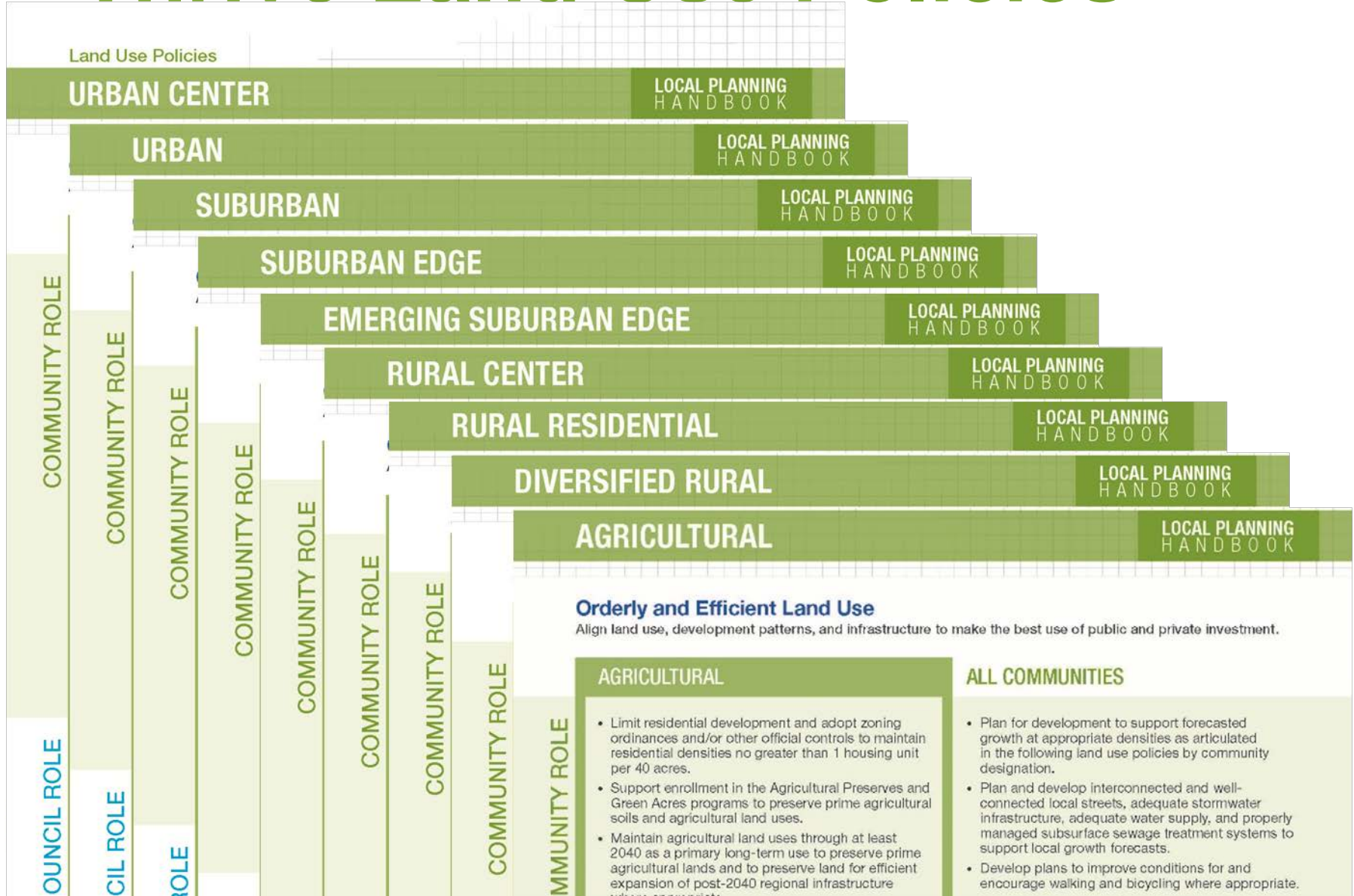- Urban
- Suburban
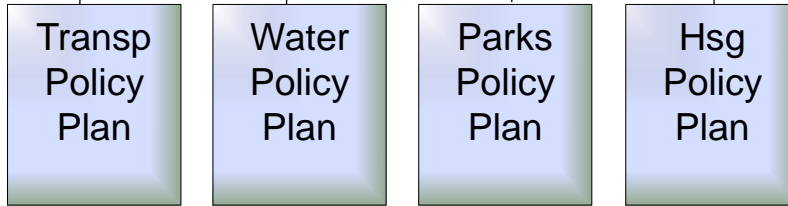- Suburban Edge
- Emerging Suburban Edge

Rural Service Area

- Rural Center
- Diversified Rural
- Rural Residential
- Agricultural

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Thrive Land Use Policies

Land Use Policies

URBAN CENTER — LOCAL PLANNING HANDBOOK

URBAN — LOCAL PLANNING HANDBOOK

SUBURBAN — LOCAL PLANNING HANDBOOK

SUBURBAN EDGE — LOCAL PLANNING HANDBOOK

EMERGING SUBURBAN EDGE — LOCAL PLANNING HANDBOOK

RURAL CENTER — LOCAL PLANNING HANDBOOK

RURAL RESIDENTIAL — LOCAL PLANNING HANDBOOK

DIVERSIFIED RURAL — LOCAL PLANNING HANDBOOK

AGRICULTURAL — LOCAL PLANNING HANDBOOK

Orderly and Efficient Land Use
Align land use, development patterns, and infrastructure to make the best use of public and private investment.

AGRICULTURAL

- Limit residential development and adopt zoning ordinances and/or other official controls to maintain residential densities no greater than 1 housing unit per 40 acres.
- Support enrollment in the Agricultural Preserves and Green Acres programs to preserve prime agricultural soils and agricultural land uses.
- Maintain agricultural land uses through at least 2040 as a primary long-term use to preserve prime agricultural lands and to preserve land for efficient expansion of post-2040 regional infrastructure

ALL COMMUNITIES

- Plan for development to support forecasted growth at appropriate densities as articulated in the following land use policies by community designation.
- Plan and develop interconnected and well-connected local streets, adequate stormwater infrastructure, adequate water supply, and properly managed subsurface sewage treatment systems to support local growth forecasts.
- Develop plans to improve conditions for and encourage walking and bicycling where appropriate.

Comprehensive Development Guide

Transp Policy Plan

Water Policy Plan

Parks Policy Plan

Hsg Policy Plan

2015 SYSTEM STATEMENT + LOCAL PLANNING HANDBOOK

System Statement and Assistance

Comp Plan

Comp Plan

Comp Plan

Comp Plan

Comp Plan

Comp Plan

188 Local Jurisdictions

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Additional Resources

http://metrocouncil.org/Planning/Projects/Thrive-2040.aspx

Land Use Policies

URBAN CENTER   LOCAL PLANNING HANDBOOK

Orderly and Efficient Land Use
Align land use, development patterns, and infrastructure to make the best use of public and private investment.

URBAN CENTER	ALL COMMUNITIES
• Plan for forecasted population and household growth at average densities of at least 20 units per acre for new development and redevelopment. Target opportunities for more intensive development near regional transit investments at densities and in a manner articulated in the *2040 Transportation Policy Plan*. • Identify areas for redevelopment, particularly areas that are well-served by transportation options and	• Plan for development to support forecasted growth at appropriate densities as articulated in the following land use policies by community designation. • Plan and develop interconnected and well-connected local streets, adequate stormwater infrastructure, adequate water supply, and properly managed subsurface sewage treatment systems to support local growth forecasts.

http://lphonline.metc.state.mn.us/commportal

http://metrocouncil.org/Handbook.aspx

http://metrocouncil.org/Communities/Planning/Local-Planning-Assistance/System-Statements.aspx

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How we use forecasts

Regional development guides include regional and local forecasts of population, households, and employment.*

* (Minn. Stat. 473.146)

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How we use forecasts

These forecasts help the Council evaluate questions concerning "when, where, and how much" when planning regional services.

Forecasts also help communities ensure their plans consider future growth and demographic changes.

The Council includes these forecasts in community System Statements, and request communities use them in their Comprehensive Plans to help ensure consistency between local and regional systems plans.

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Finding Forecasts

System Statements, Community Page

http://lphonline.metc.state.mn.us/commportal.aspx

Forecasts

The Council uses the forecasts developed as part of *Thrive* to plan for regional systems. Communities should base their planning work on these forecasts. Given the nature of long-range forecasts and the planning timeline undertaken by most communities, the Council will maintain on-going dialogue with communities to consider any changes in growth trends or community expectations about growth that may have an impact on regional systems. The *Thrive* forecasts for population, households, and employment for your community are:

	2010 (actual)	2014 (est.)	2020	2030	2040
Population	30,598	31,874	34,000	38,200	41,900
Households	9,811	10,273	11,400	13,500	15,400
Employment	4,669	5,051	5,400	5,800	6,200

Housing Policy

The Council adopted the *Housing Policy Plan* on December 10, 2014, and amended the plan on July 8, 2015. The purpose of the plan is to provide leadership and guidance on regional housing needs and challenges and to support *Thrive MSP 2040*. The *Housing Policy Plan* provides an integrated policy framework to address housing challenges greater than any one city or county can tackle alone. Consistent with state statute (Minn. Stat. 473.859, subd. 2(c) and subd. 4), communities must include a housing element and implementation program in their local comprehensive plans that address existing and projected housing needs. The Council has also determined the regional need for low and moderate income housing for the decade of 2021-2030 (see Part III and Appendix B in the Housing Policy Plan).

Council Data and Maps

http://metrocouncil.org/forecasts

http://stats.metc.state.mn.us/profile/

How we review forecast-related materials

Completeness

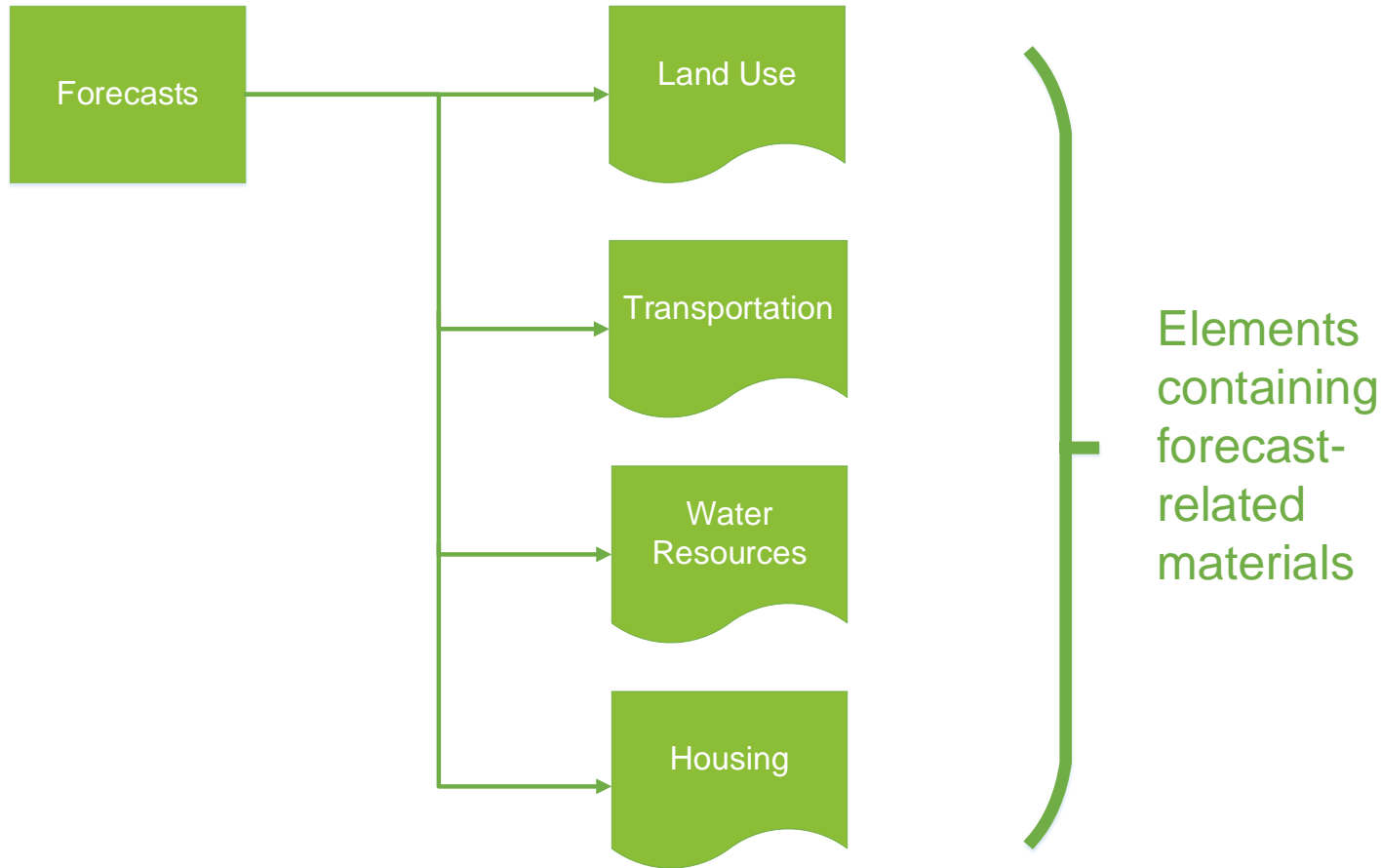- Are required tables/documentation included?

Consistency

- Are forecasts consistent with Council forecasts and policy?

- Are forecasts consistent throughout the document?

Forecasts and Plan Elements

Forecasts

Land Use

Transportation

Water Resources

Housing

Elements containing forecast-related materials

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Minimum requirements for each plan element…

Forecasts: Land Use

Forecasts → **Land Use**

Include table with 2020, 2030, and 2040 population, household and employment forecasts

Other consistency checks

☑ Future Land Use must show sufficient land to accommodate forecasted growth

☑ Density Calculations need to identify where forecasted residential growth will occur on Future Land Use Map

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Forecasts: Transportation

Forecasts → Transportation

Provide table allocating 2020, 2030, and 2040 population, household and employment forecasts to Transportation Analysis Zones (TAZ)

(TAZ forecasts must add up to city forecasts)

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Number of TAZs Varies

☐ TAZs
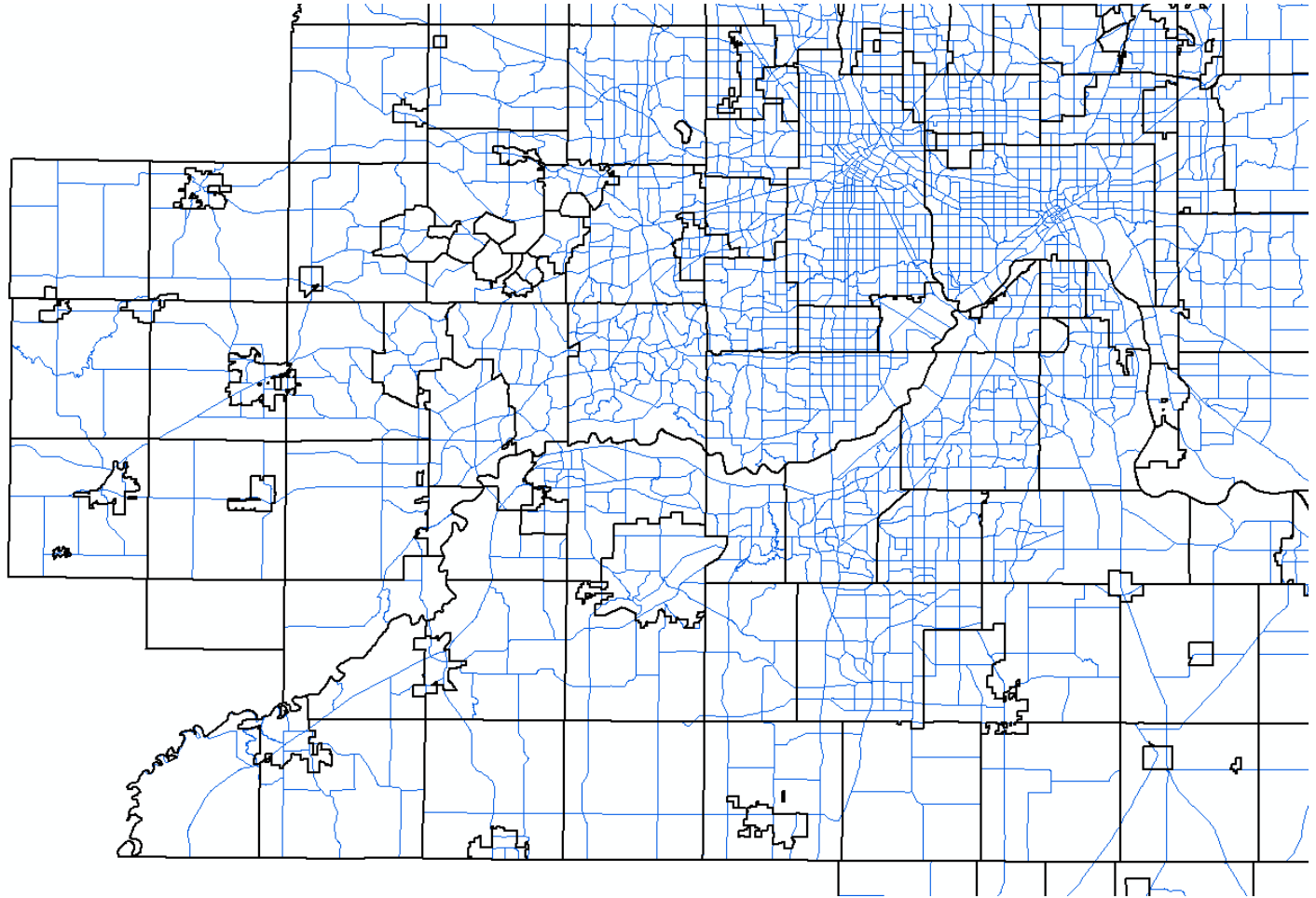
TAZ maps for GIS Users

TAZ GIS Shapefiles and tables available at Minnesota Geospatial Commons: **https://gisdata.mn.gov/**

You can use search term "TAZ Official"

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TAZ maps for GIS Users

TAZ GIS Shapefiles and tables available at Minnesota Geospatial Commons: **https://gisdata.mn.gov/**

Shapefile contains location and extent of each TAZ; also includes draft TAZ forecasts as a starting point

TAZ Maps for Non-GIS Users

For maps and tables in other formats, contact
dennis.farmer@metc.state.mn.us

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More To Come

Further information about preparing TAZ forecasts will be provided during August 2016 PlanIt sessions on Transportation Planning

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Forecasts: Water Resources

Forecasts → Water Resources → Wastewater

Include table with 2020, 2030, and 2040 household and employment forecasts broken down by areas served by:

- Metropolitan Disposal System
- Locally Owned and Operated wastewater treatment systems
- Community/Subsurface sewage treatment systems

Other consistency checks

✓ Wastewater plan designed to support these population, household, and employment forecasts

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Sewer Service Forecast Table

Community Page

http://lphonline.metc.state.mn.us/commportal.aspx/

SEWER ALLOCATION FORECASTS

Your community-wide household, population and employment forecasts have been allocated based on the wastewater system serving your community. This allocation must be used in projecting future wastewater flows and system capacity to plan for additional infrastructure needs.

Forecast Year	Forecast Component	Population	Households	Employment
2010	MCES Sewered	6,487	2,145	1,497
2010	Unsewered	858	290	5
2020	MCES Sewered	9,140	3,210	2,090
2020	Unsewered	860	290	10
2030	MCES Sewered	11,740	4,280	2,370
2030	Unsewered	860	290	10
2040	MCES Sewered	14,540	5,410	2,600
2040	Unsewered	860	290	0

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Forecasts: Water Resources

Forecasts → Water Resources → Water Supply

Include forecasts of total population for 2020, 2030, and 2040 within table of water demand projections.

Projected Water Demand Table

Table 7, page 13 of *Local Water Supply Plan Template*

http://files.dnr.state.mn.us/waters/watermgmt_section/appropriations/plan_template.pdf

Table 7. Projected annual water demand

Year	Projected Total Population	Projected Population Served	Projected Total Per Capita Water Demand (GPCD)	Projected Average Daily Demand (MGD)	Projected Maximum Daily Demand (MGD)
2016					
2017					
2018					
2019					
2020					
2021					
2022					
2023					
2024					
2025					
2030					
2040					

GPCD – Gallons per Capita per Day   **MGD** – Million Gallons per Day

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Forecasts: Housing

Forecasts → Housing

Allocation of affordable housing need for each community based on percent of 2021 – 2030 growth in sewered households.

Any revision to 2020 or 2030 sewered household forecasts could change allocation.

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Requesting a forecast change

Community requests change	• Provide table with preferred forecasts (usually land use chapter) • Update other forecast-related material in document • (See next slide for recommendations)
Staff evaluates	• Staff reviews revisions based on latest data and information provided by community • Staff evaluates if revisions causes system impact or departure • Staff makes recommendations to Council
Council acts	• Council acts on Comprehensive Plan Update or Amendment • Forecast revised upon approval of Update or Amendment

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Recommendations

- Discuss prospective forecast changes with Sector Representatives ahead of time
  - Chance to provide information in support of change before revising document
  - Staff can relay any questions or concerns
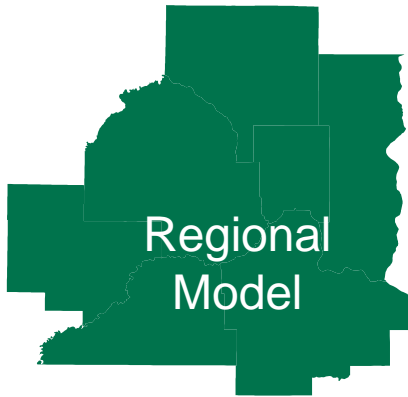 - Minimizes the potential for revisions or re-submittals

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Recommendations

- Provide information and data in support of your preferred forecast change
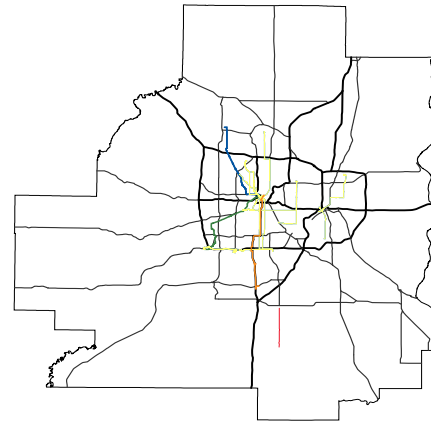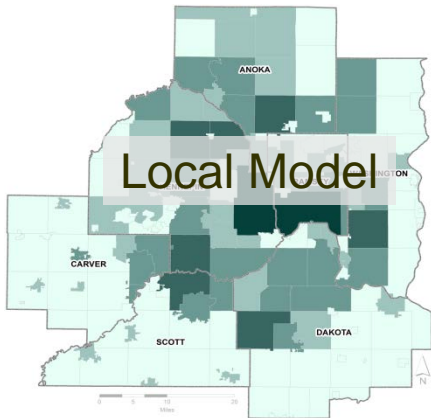
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Forecast Models Overview

Regional Model forecasts total population, households, and employment

Local Forecast Model allocates total growth to cities and townships

Transportation Model forecasts trip patterns, transit ridership and travel times based upon future growth patterns

Regional Model

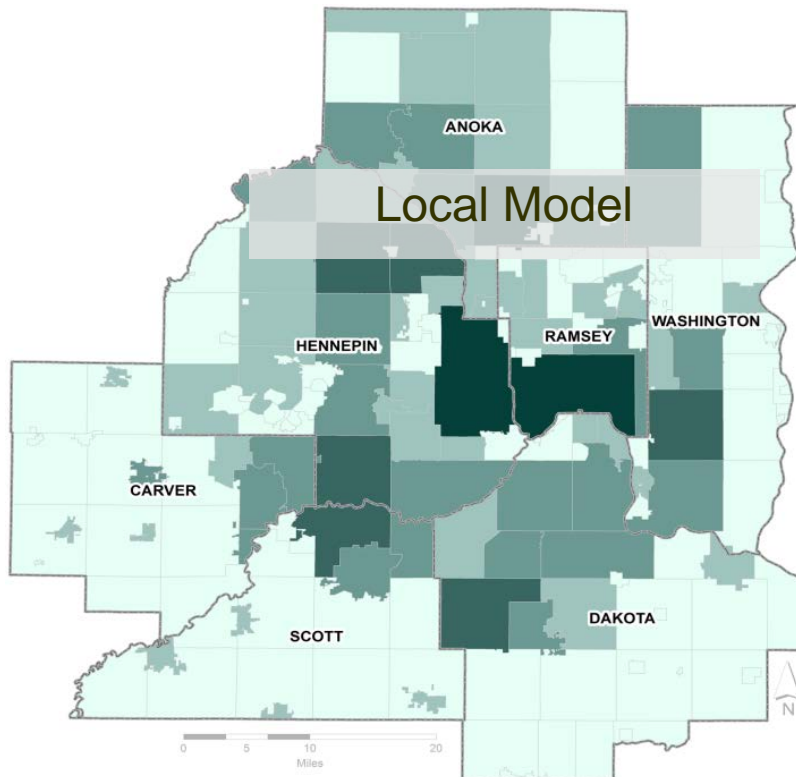Local Model

Transportation Model

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Forecast Models – Data Used

Local Model

- Base year land supply
- Employment levels
- Housing stock
- Socioeconomic characteristics
- Accessibility, by car and by transit
- Building costs
- Average rents
- Land consumption rates
- Regional systems and services
- Planned land use

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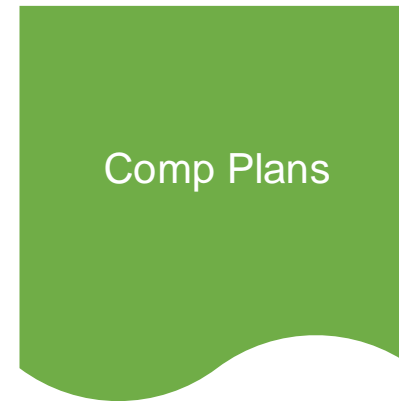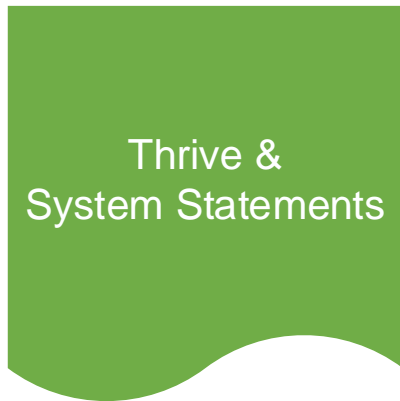# Recommendations

- What's changed?

- Provide information about recent developments and land use plan changes

2014-2015

2018

Thrive &
System Statements

→

Comp Plans

Forecasts based on:
- 2008 Comp Plan future land use
- Latest data

Opportunities to consider:
- Intervening data and developments
- 2018 future land use plans

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Recommendations

For higher forecasts

List of known developments

Recent developments

How changes to land use plan affect growth expectations

For lower forecasts

Details on un-developable land, protected / reserved land, or land guided for other uses

Maximum housing info

Other obstacles

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Recommendations

- Consider using TAZ forecasts to demonstrate need for forecast revision

  - E.g., highlighting how too high or too little growth in individual TAZs affects overall forecast

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For more detail

See *How to Request a Forecast Change*

HOW TO REQUEST A FORECAST CHANGE — LOCAL PLANNING HANDBOOK

The Metropolitan Council updates its regional and local forecasts of population, households and employment at least once a decade. The Council's local forecasts reflect real estate market demand in the residential and nonresidential sectors, constrained by local land use controls. Planned land use, planned development intensity and staging define what is possible in a local area; however, projected market demand could be less than that maximum possibility.

Between major updates, local forecasts can be reexamined and revised to better fit local plans, consistent with regional system plans. Typically these interim revisions are initiated through Comprehensive Plan Updates or Plan Amendments.

Communities can request a forecast change by including their preferred forecasts in the Plan Update or Plan Amendment (typically as a table in the Land Use chapter). Requested forecast changes must be related to planned land use, expected activity patterns, planned development intensity, or staging. All other forecast-related content within the document (e.g. sewer-service forecasts, transportation analysis zone forecasts) should be consistent with these city-preferred forecasts.

http://metrocouncil.org/Handbook/Files/Resources/Fact-Sheet/LAND-USE/How-to-Request-A-Forecast-Change.aspx

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Common issues from last round

- Using different forecasts throughout the document (internal inconsistency)
    - Especially when seeking forecast revisions

- TAZ forecasts not adding up to city totals (either System Statements or city-preferred)

- Using tables from the last round of Comprehensive Planning

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Common issues from last round

- Missing tables

- Nearest decade forecasts (2010 last round; 2020 this round) requiring adjustments

- Note: Remember, changes to 2020 and 2030 sewered household forecasts could change affordable housing need calculation

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Resources

LOCAL PLANNING HANDBOOK

http://metrocouncil.org/Handbook.aspx

PlanIt

http://www.metrocouncil.org/Handbook/PlanIt.aspx

CENSUS
FORECASTS
ESTIMATES

http://www.metrocouncil.org/Forecasts

Sector Representatives

http://metrocouncil.org/communities/planning/sector-reps

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Questions?

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Dennis Farmer, AICP, Research Analyst
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Upcoming Events

Land Use Basics
Presented by Lisa Barajas and Angela Torres
Thursday, June 16, 2016

Water Resources Planning
Presented by Kyle Colvin, Karen Jensen, Lanya Ross
Thursday, July 21, 2016

Transportation Overview
Presented by Mark Filipi and Cole Hiniker
Thursday, August 18, 2016

*Look for the 2016 PlanIt Schedule of Events Coming Soon

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