Webinar Series for Comprehensive Plan Updates

Kick-off to Comprehensive Plans

Presented by Dan Marckel and Dennis Farmer
May 26, 2016
Regional 10-Year Planning Cycle

December 31, 2018
Comprehensive Plan Updates

METROPOLITAN COUNCIL

Regional 10-Year Planning Cycle

2013 - 2014
Regional Development Guide

2014 - 2015
Regional System and Policy Plans:
Regional Parks
Water Resources
Transportation
Housing

Fall 2015
Local Planning Handbook

Fall 2015
System Statements

United States Census 2010

Thrive MSP 2040
Development Guides 1968-2014
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

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

One in six households in 2010

One in three households in 2040

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

9 percent people of color in 1990

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

9 percent people of color in 1990

24 percent people of color in 2010

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

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

PlanIt
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
Thrive Land Use Policies

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.
Additional Resources

http://metro council.org/Planning/Projects/Thrive-2040.aspx


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

http://metro council.org/Communities/Planning/Local-Planning-Assistance/SystemStatements.aspx
How we use forecasts

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

* (Minn. Stat. 473.146)
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.
Finding Forecasts

System Statements, Community Page
http://lphonline.metc.state.mn.us/commportal.aspx

Council Data and Maps
http://metrocouncil.org/forecasts
http://stats.metc.state.mn.us/profile/

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:

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>Households</th>
<th>Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 (actual)</td>
<td>30,566</td>
<td>10,273</td>
<td>4,060</td>
</tr>
<tr>
<td>2014 (est.)</td>
<td>31,674</td>
<td>11,400</td>
<td>5,051</td>
</tr>
<tr>
<td>2020</td>
<td>34,000</td>
<td>13,500</td>
<td>5,400</td>
</tr>
<tr>
<td>2030</td>
<td>38,200</td>
<td>15,400</td>
<td>5,800</td>
</tr>
<tr>
<td>2040</td>
<td>41,800</td>
<td>16,200</td>
<td>6,200</td>
</tr>
</tbody>
</table>

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. 473.850, subd. 2(e) 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).
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
Minimum requirements for each plan element...
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
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)
Number of TAZs Varies
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”
TAZ maps for GIS Users

TAZ GIS Shapefiles and tables available at Minnesota Geospatial Commons: [https://gisdata.mn.gov/](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
More To Come

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

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
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.

<table>
<thead>
<tr>
<th>Forecast Year</th>
<th>Forecast Component</th>
<th>Population</th>
<th>Households</th>
<th>Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>MCES Sewered</td>
<td>6,497</td>
<td>2,145</td>
<td>1,497</td>
</tr>
<tr>
<td>2010</td>
<td>Unsewered</td>
<td>858</td>
<td>290</td>
<td>5</td>
</tr>
<tr>
<td>2020</td>
<td>MCES Sewered</td>
<td>9,140</td>
<td>3,210</td>
<td>2,090</td>
</tr>
<tr>
<td>2020</td>
<td>Unsewered</td>
<td>860</td>
<td>290</td>
<td>10</td>
</tr>
<tr>
<td>2030</td>
<td>MCES Sewered</td>
<td>11,740</td>
<td>4,290</td>
<td>2,370</td>
</tr>
<tr>
<td>2030</td>
<td>Unsewered</td>
<td>860</td>
<td>290</td>
<td>10</td>
</tr>
<tr>
<td>2040</td>
<td>MCES Sewered</td>
<td>14,540</td>
<td>5,410</td>
<td>2,000</td>
</tr>
<tr>
<td>2040</td>
<td>Unsewered</td>
<td>860</td>
<td>290</td>
<td>0</td>
</tr>
</tbody>
</table>
Forecasts: Water Resources

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Projected Total Population</th>
<th>Projected Population Served</th>
<th>Projected Total Per Capita Water Demand (GPCD)</th>
<th>Projected Average Daily Demand (MGD)</th>
<th>Projected Maximum Daily Demand (MGD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2024</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2025</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2030</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2040</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GPCD** – Gallons per Capita per Day  
**MGD** – Million Gallons per Day
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.
## 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
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
Recommendations

• Provide information and data in support of your preferred forecast change
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
Forecast Models – Data Used

- 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
Recommendations

• What’s changed?
• Provide information about recent developments and land use plan changes

2014-2015

Thrive & System Statements

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

Comp Plans

2018

Opportunities to consider:
• Intervening data and developments
• 2018 future land use plans
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
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
For more detail

See *How to Request a Forecast Change*

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
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
Resources


http://www.metro council.org/Forecasts

http://metro council.org/communities/planning/sector-reps
Questions?

Dan Marckel, Planning Analyst
Dan.Marckel@metc.state.mn.us

Dennis Farmer, AICP, Research Analyst
Dennis.Farmer@metc.state.mn.us
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