



A Look Ahead: Delphi, Trends, and Imagine Austin (DTI) Forecast

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Demographics & Data Team



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Planner II



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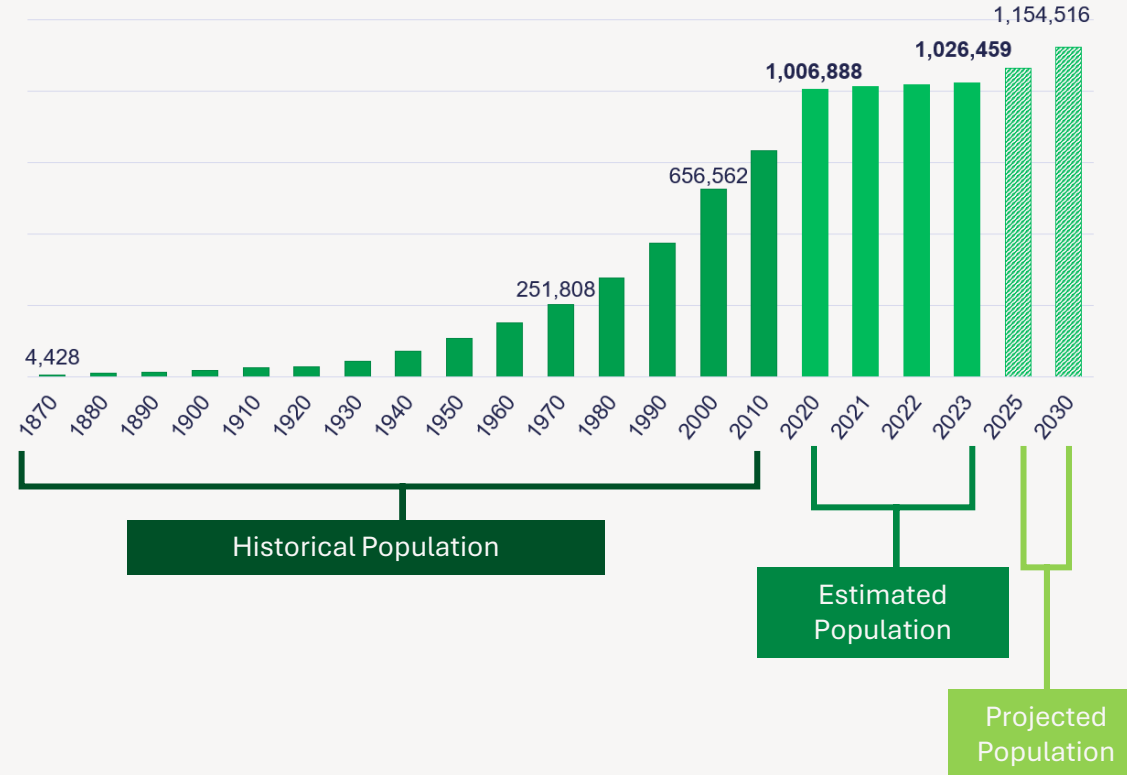
Project Background

What is the DTI Forecast?

Delphi



Trends



Imagine Austin

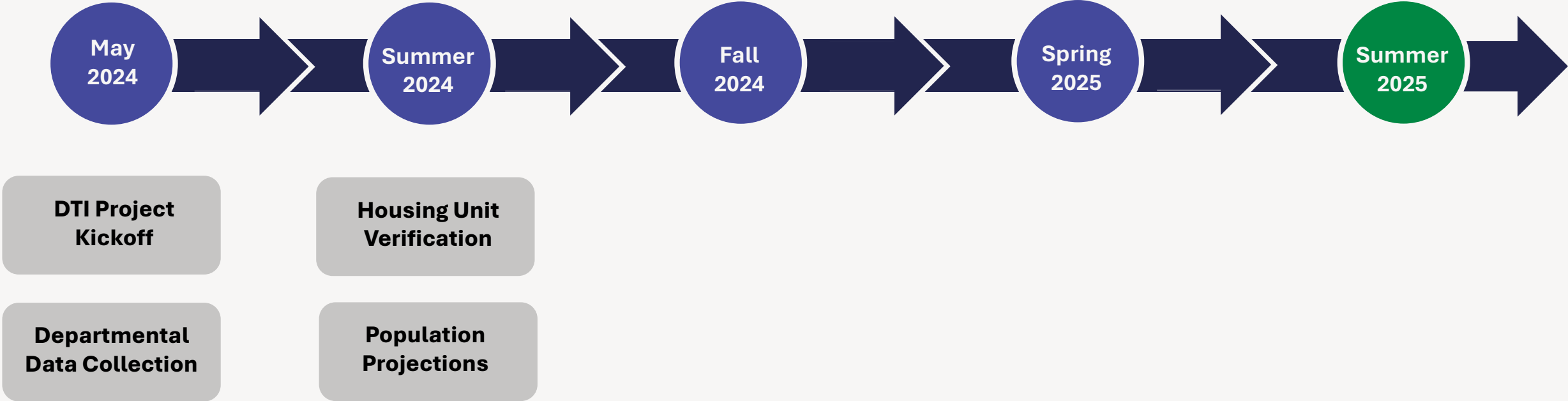


DTI Forecast Background



- The city demographer produces city-level population projections.
- City of Austin staff identified a need for small area forecasts.
- The first DTI Forecast was produced in 2012 and updated in 2017.
- City of Austin staff further identified a need for more consistent forecasts across departments.
- Following the production of updated citywide projections using 2020 census data and new methodology, the DTI Forecast update was initiated.

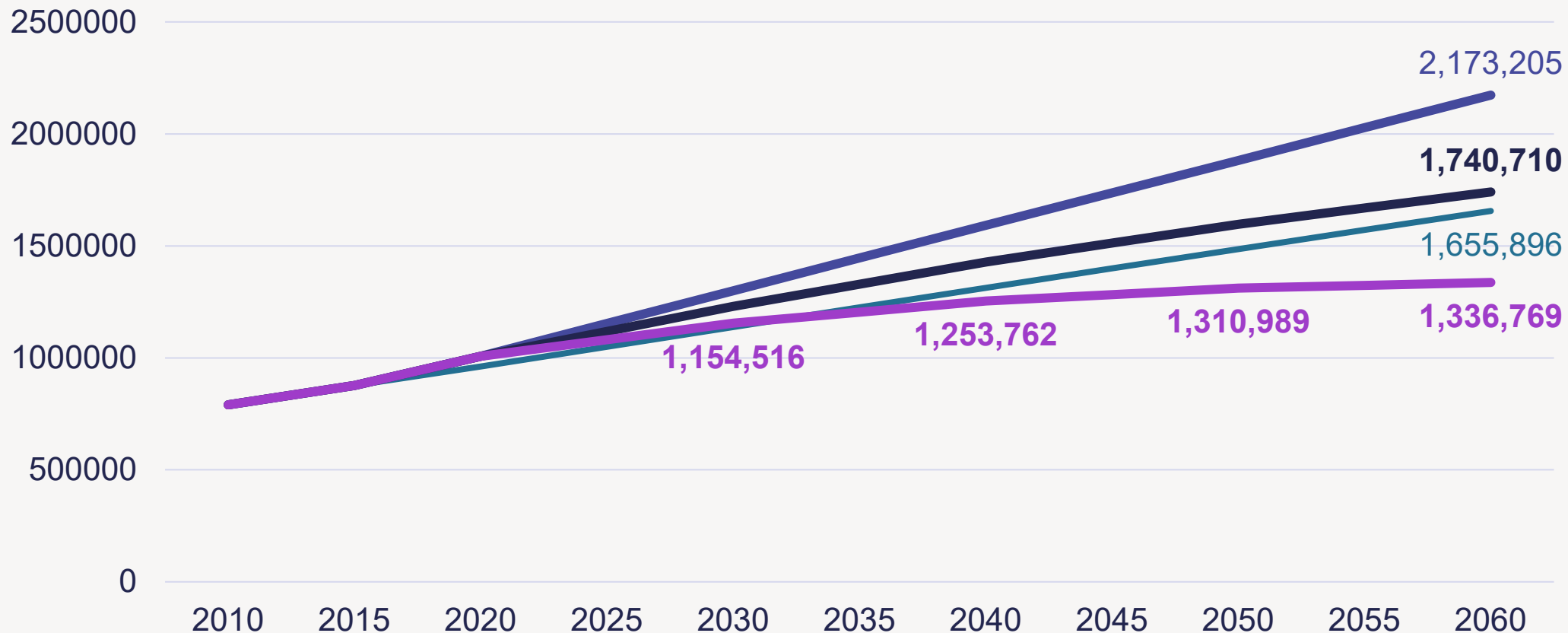
DTI Project Timeline



Austin is projected to grow to between 1.3 and 1.7 million by 2060.



City of Austin Population Projections, 2020 - 2060



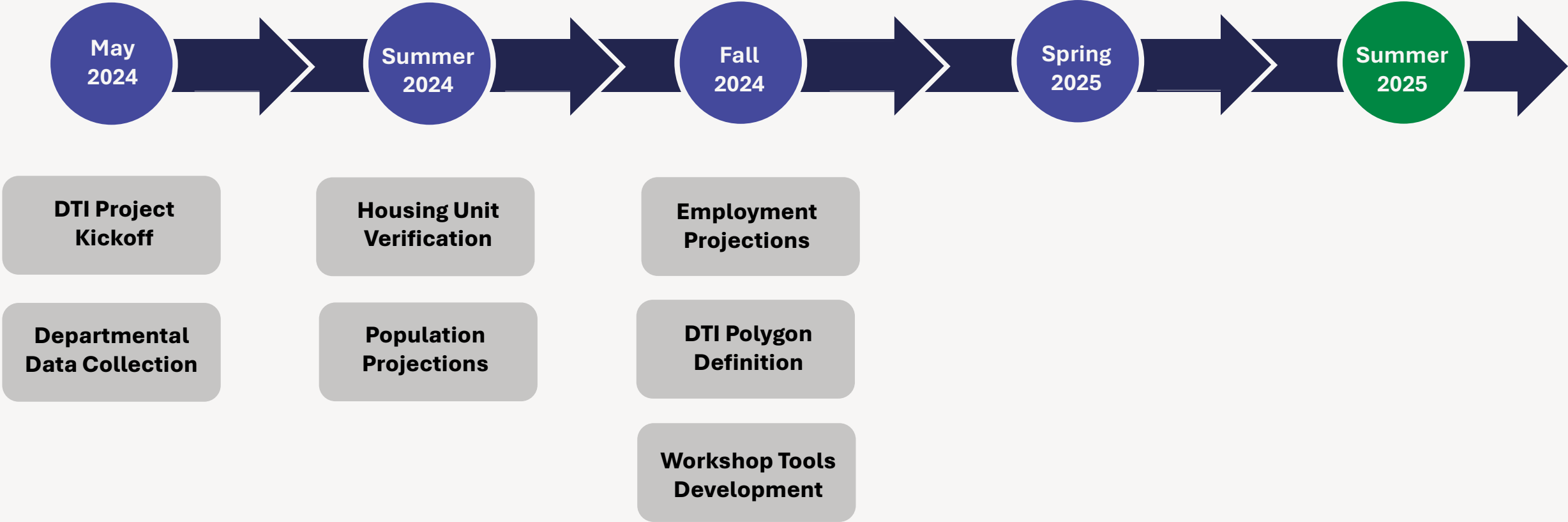
High
Migration
Scenario

2010s
Migration
Scenario

Prior
Projection

Half 2010s
Migration
Scenario

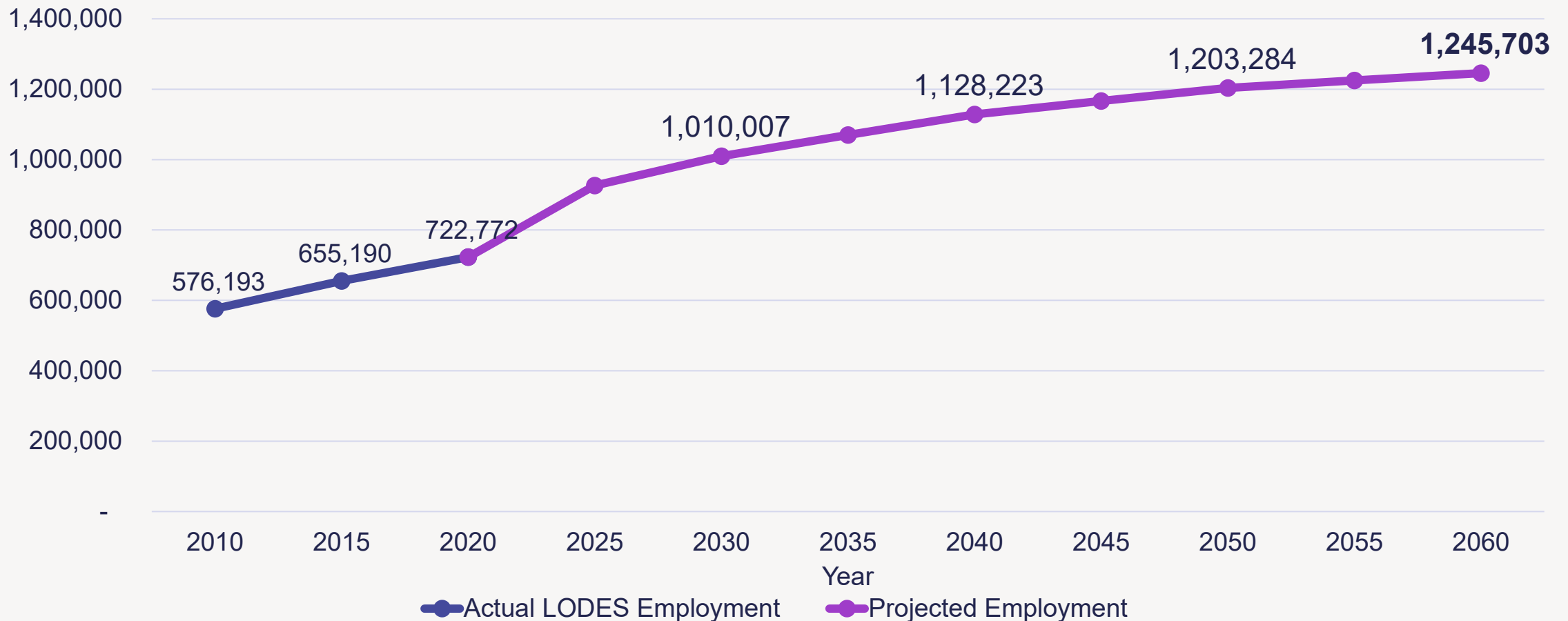
DTI Project Timeline



Employment in Austin is projected to grow to nearly 1.25 million jobs by 2060.



City of Austin Employment Projections, 2020-2060

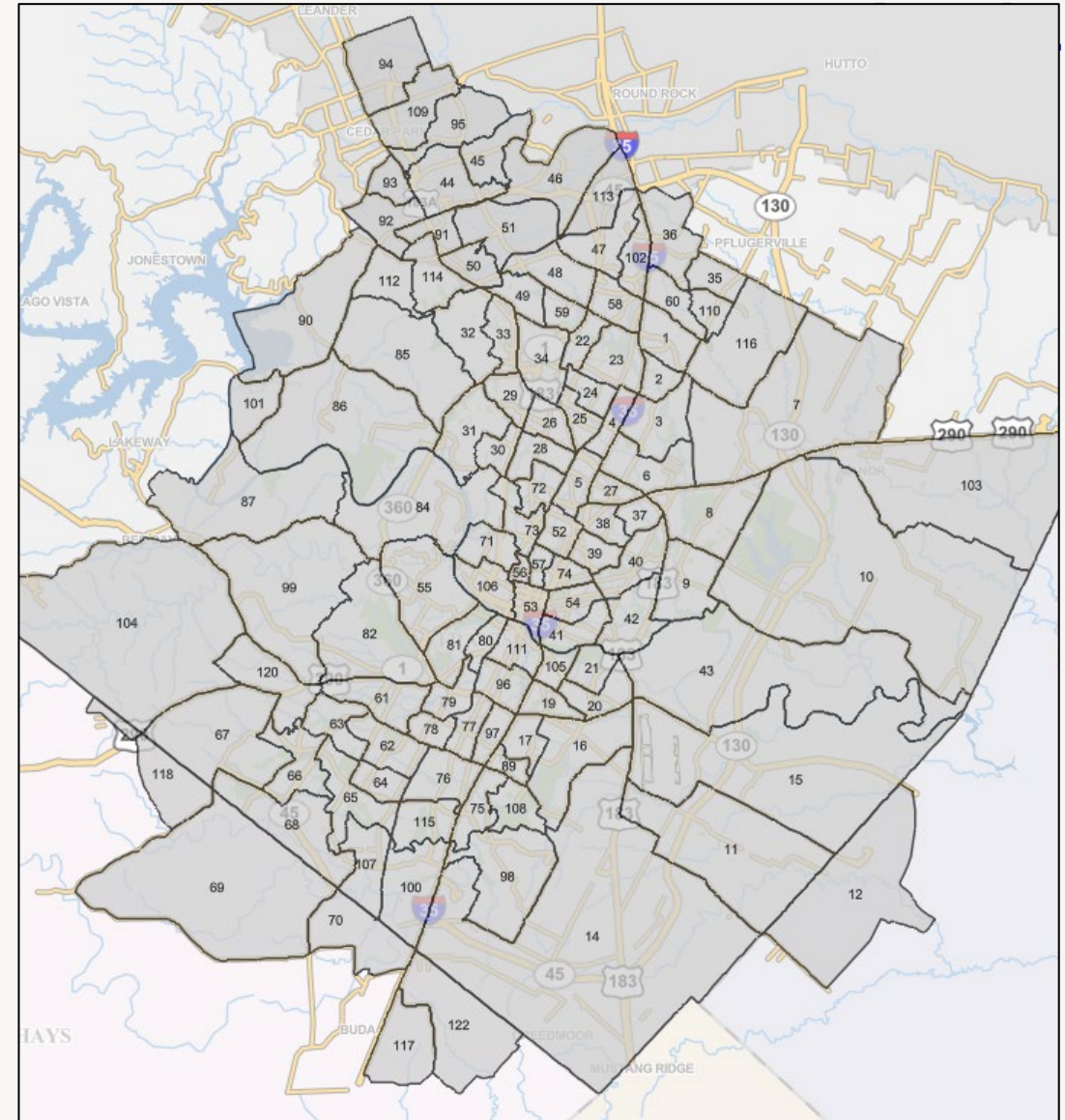


Defining Small Areas for DTI Forecast

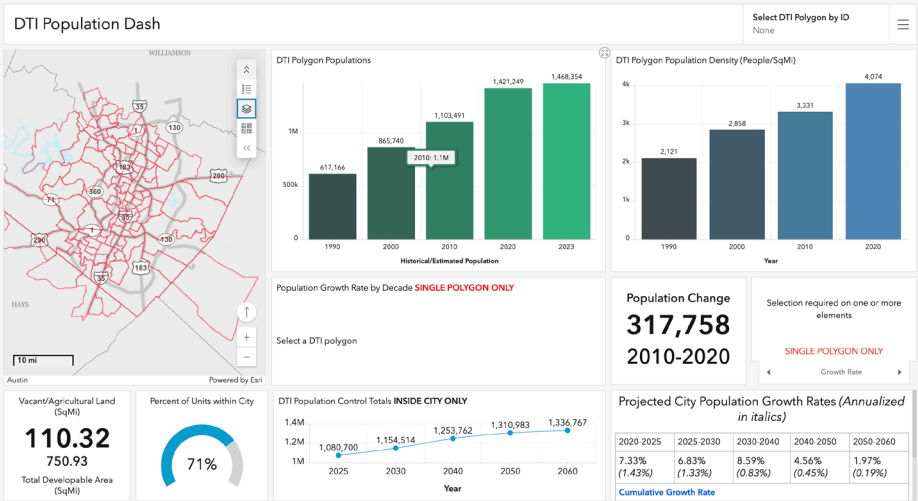


Small areas converted into DTI polygons using the following criteria:

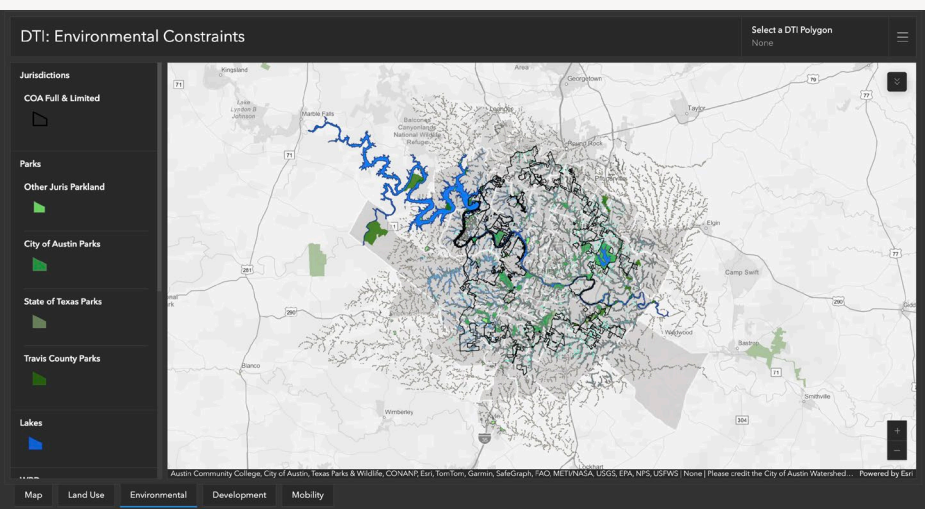
- Build from 2020 census tract boundaries
- Cover all City of Austin jurisdictions: full and limited purpose and extra-territorial jurisdiction (ETJ)
- Aim for an average population of 10,000
- Make compact and contiguous
- Avoid splitting established neighborhoods where possible



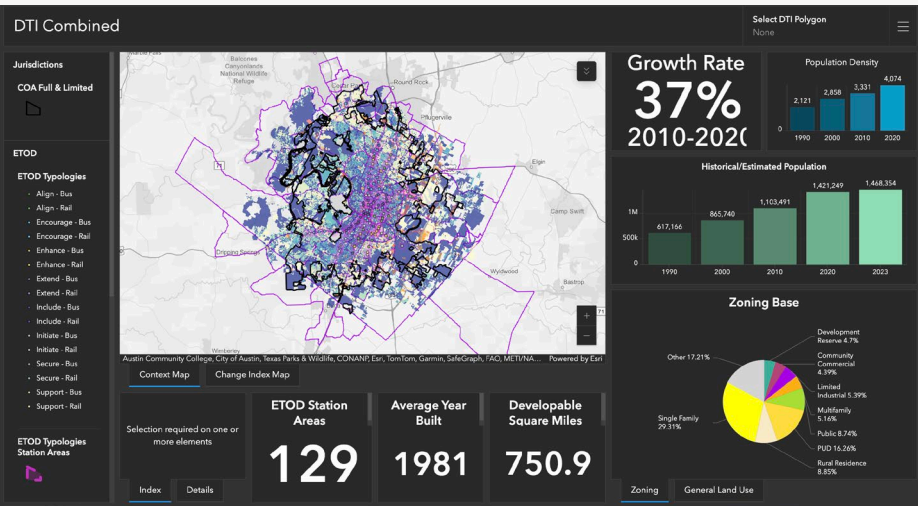
Preparing DTI Workshop Tools



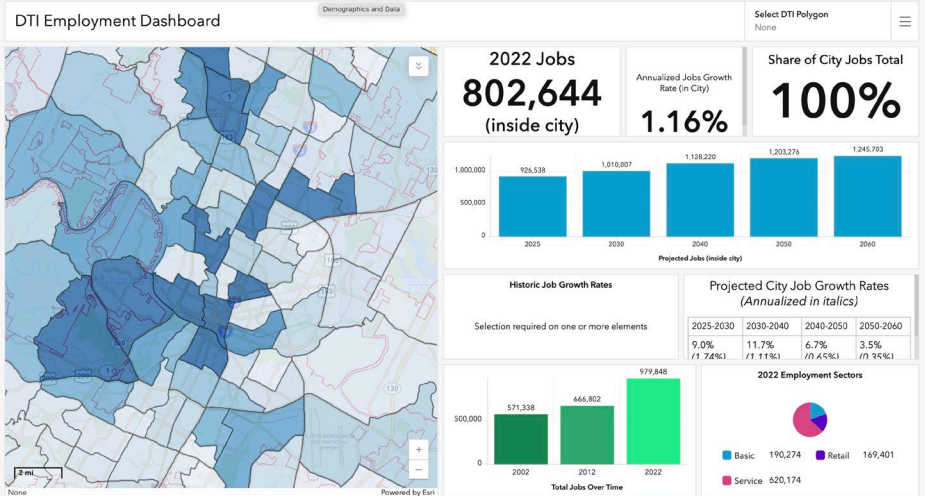
Population Trends and Projections



Department Data & Contextual Layers

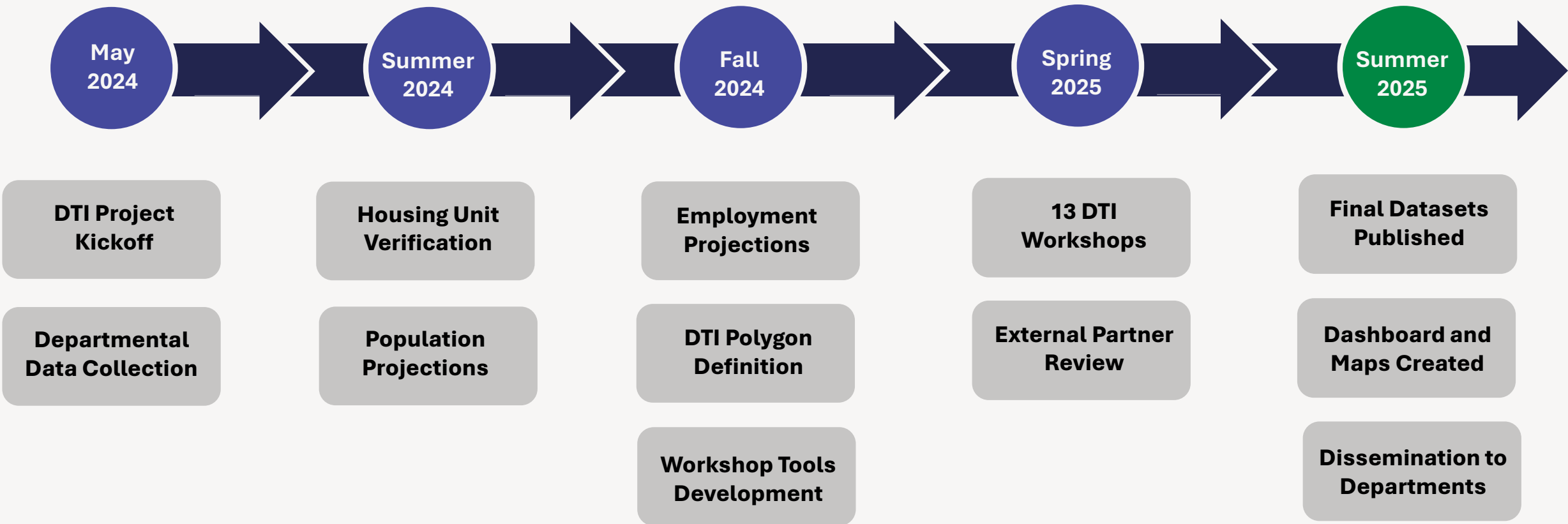


Propensity for Change Index



Employment Trends and Projections

DTI Project Timeline



The Delphi Process

Twelve CoA departments were engaged for participation in discussions.

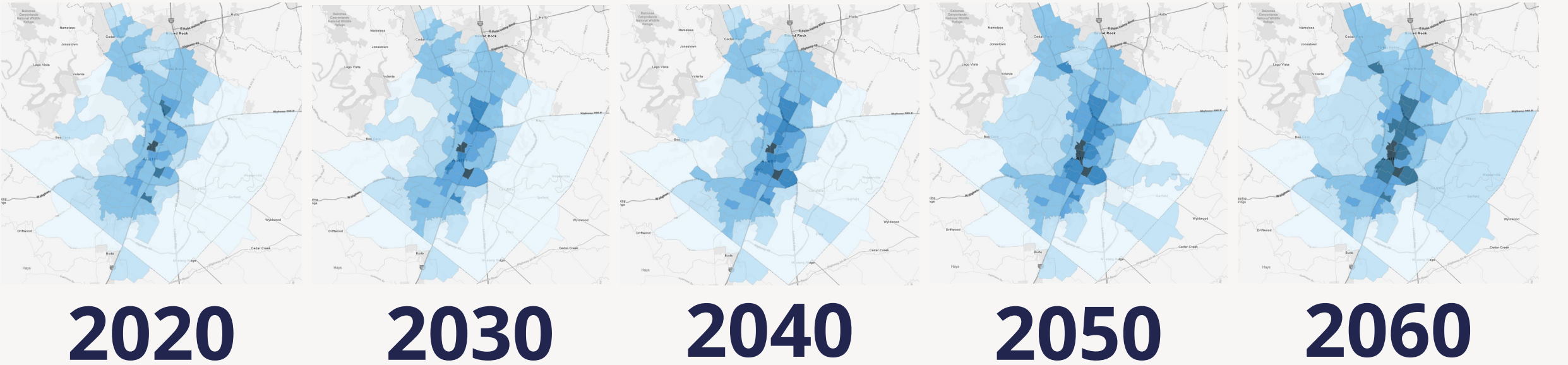


DTI Forecast: Population

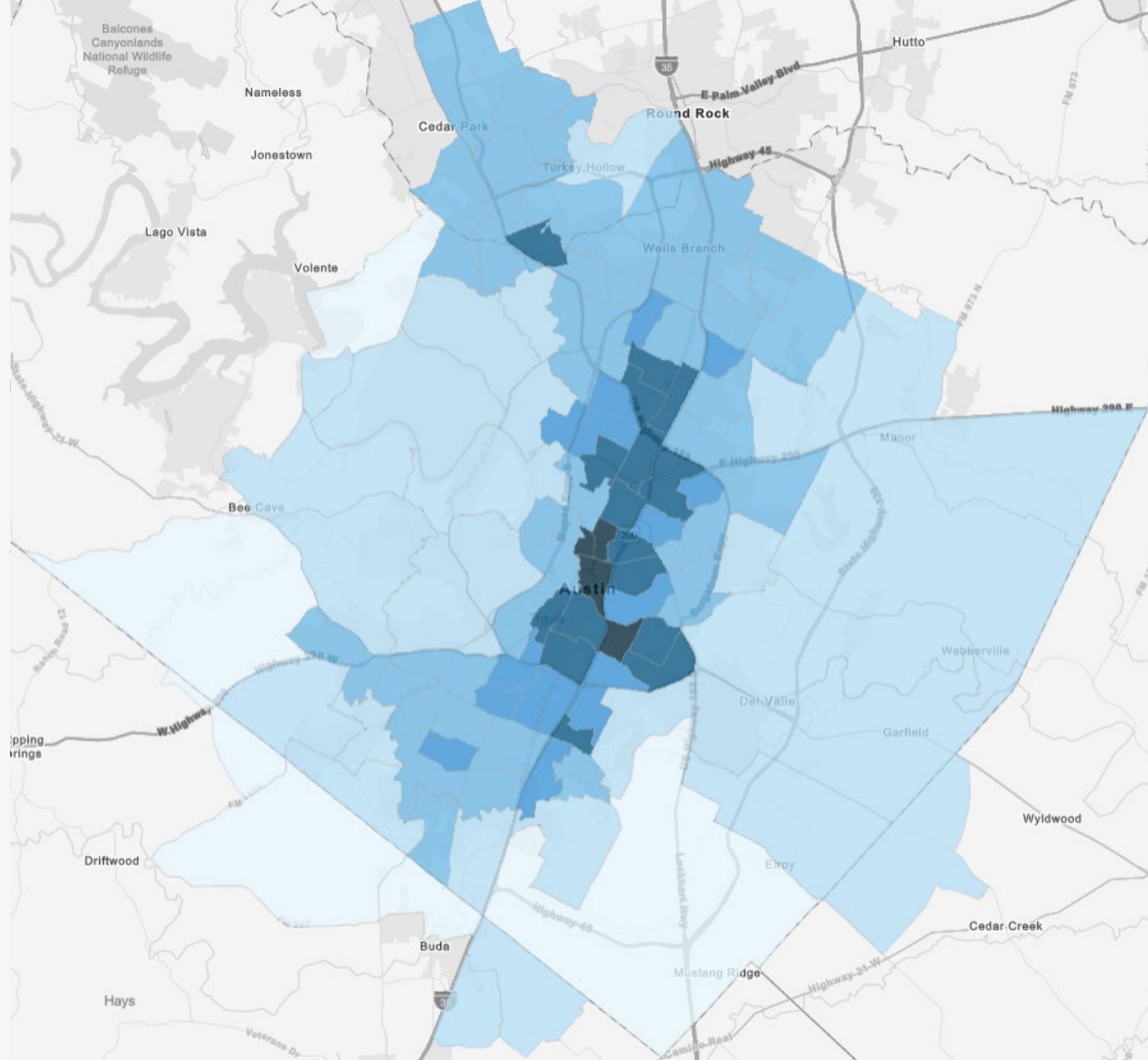
Austin’s population is projected to densify in the core



Forecasted Population Density



Forecasted Population Density 2060



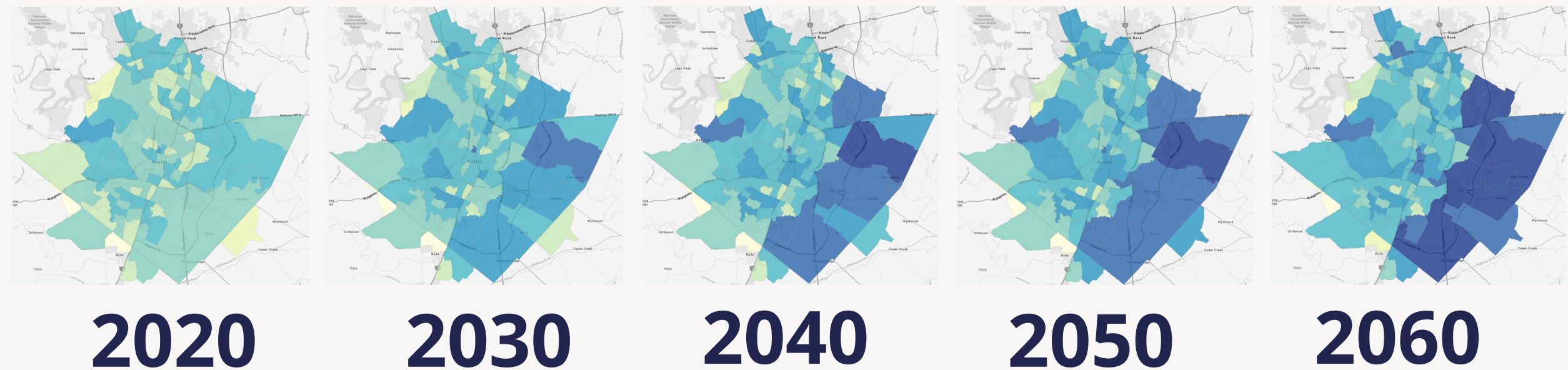
Population Density 2060



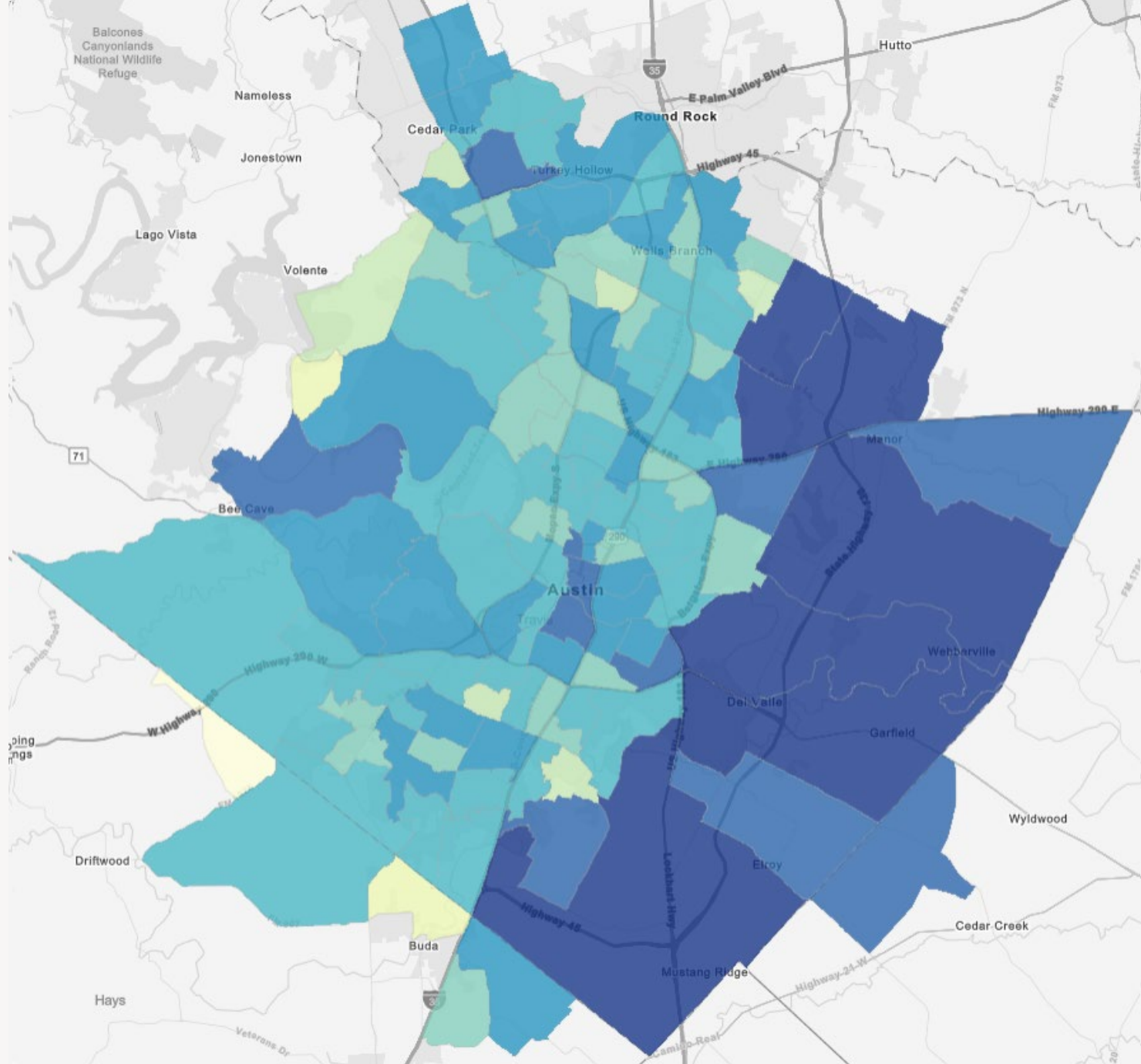
Austin's population is projected to grow by over 300,000 and expand farther East



Forecasted Total Population



Forecasted Total Population 2060



Population

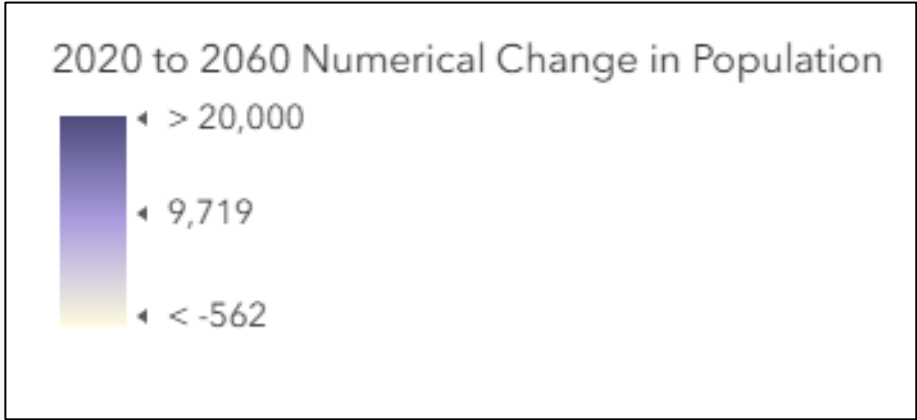
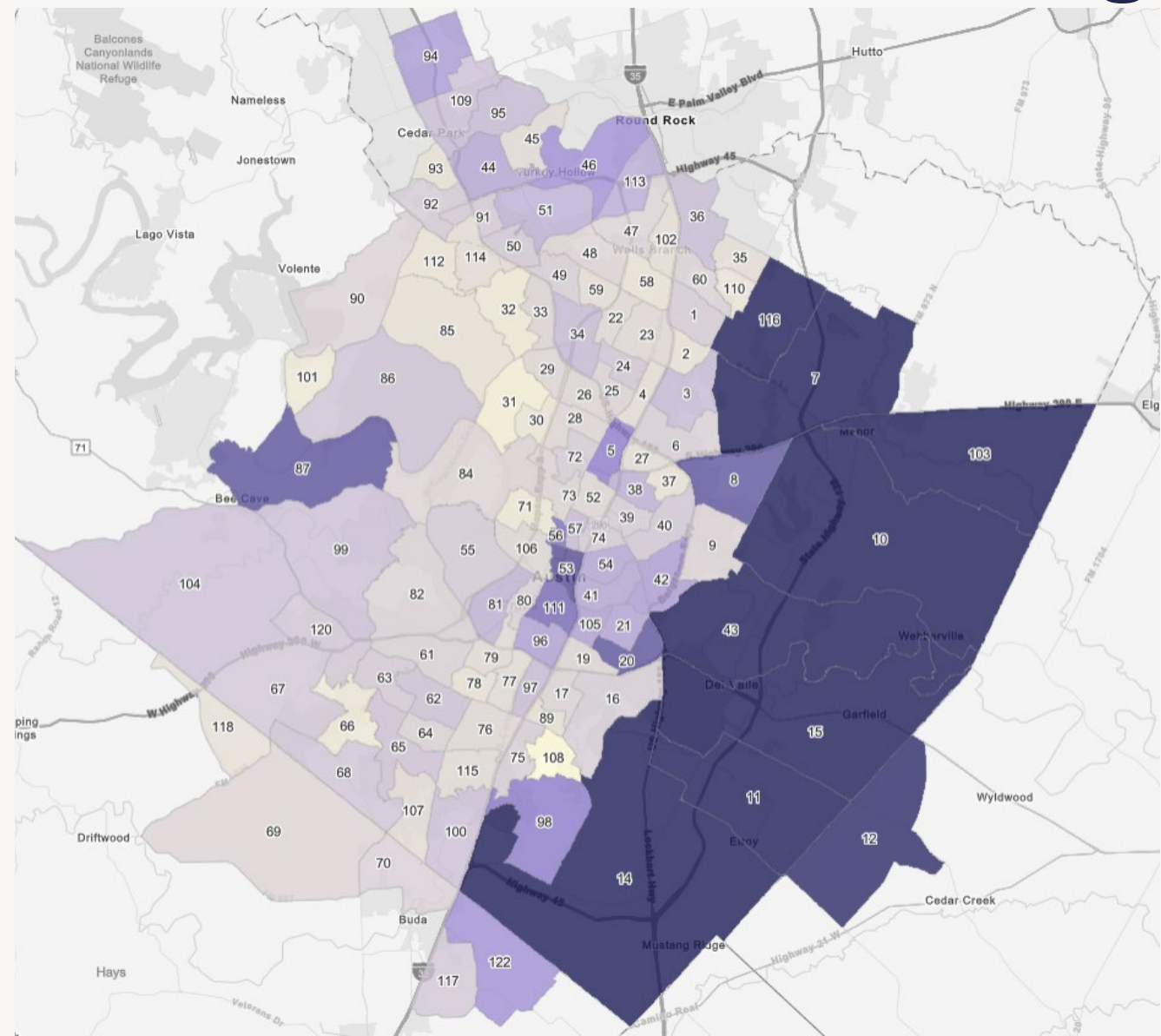
Population by Decade

Population 2060

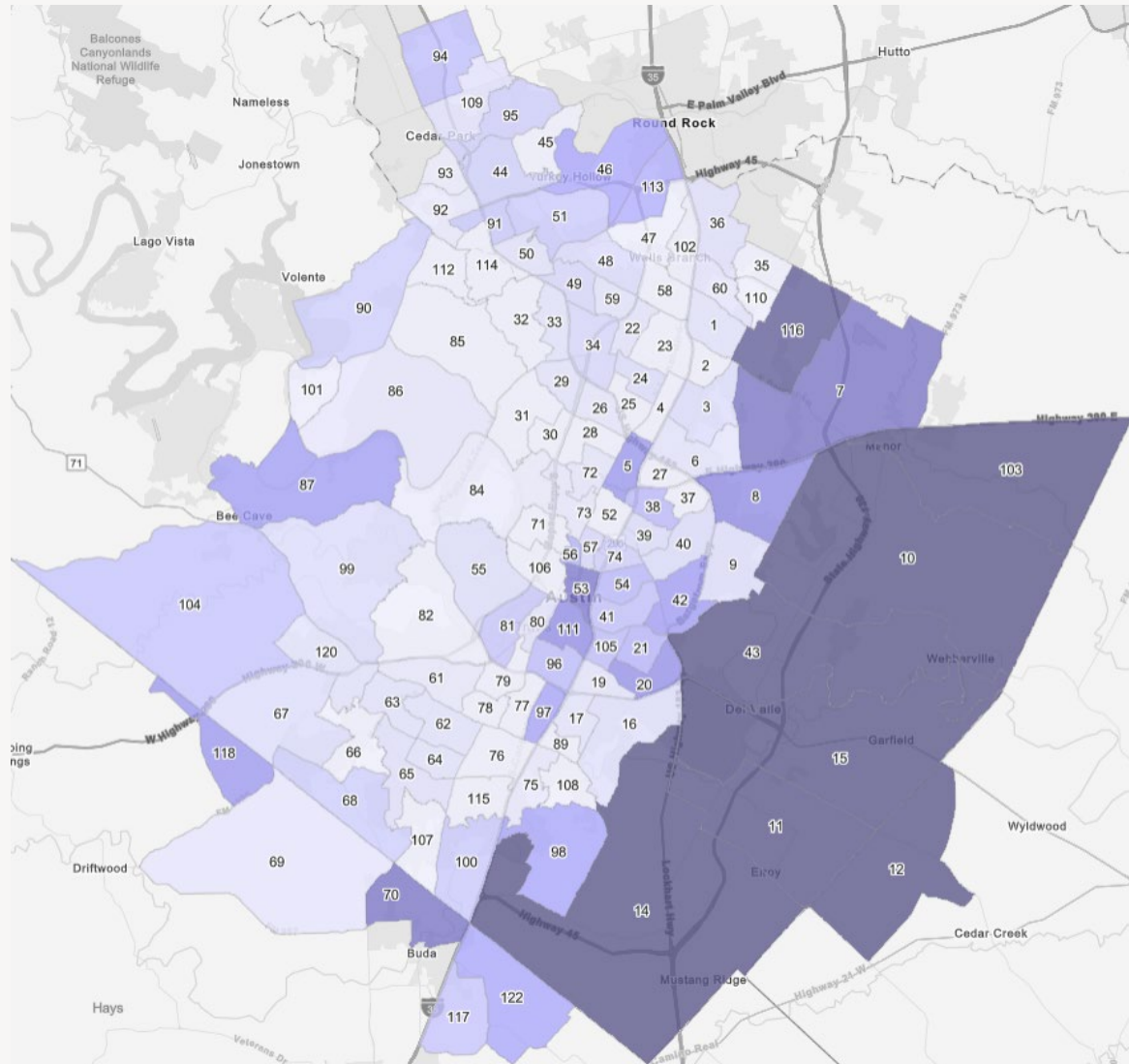
Total Population 2060



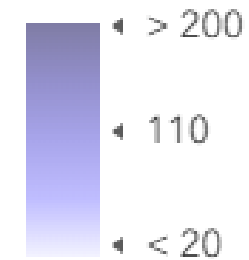
Forecasted Numeric Change in Population, 2020-2060



Forecasted Percent Change in Population, 2020-2060



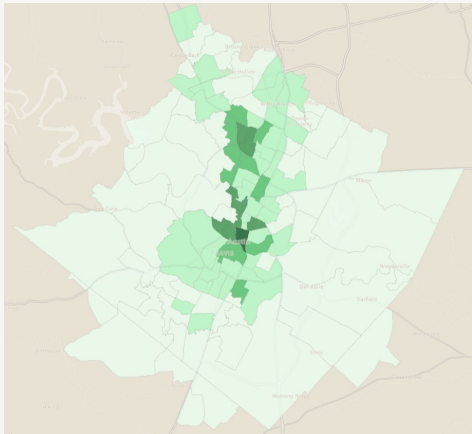
2020 to 2060 Percent Change in Population



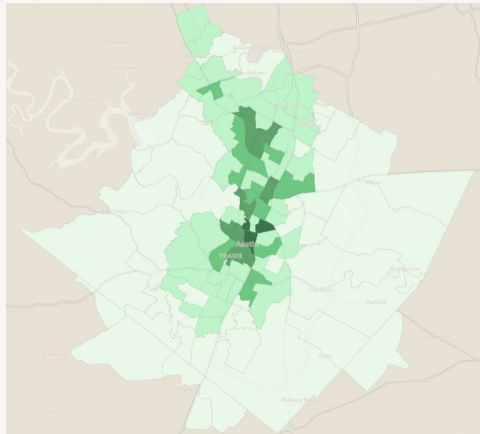
DTI Forecast: Employment

Downtown and other existing job hubs are forecasted to grow as new employment centers emerge

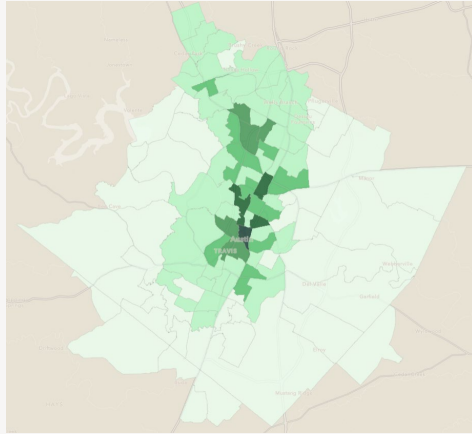
Forecasted Job Density



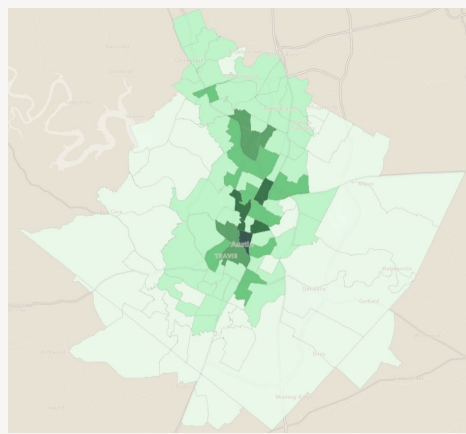
2020



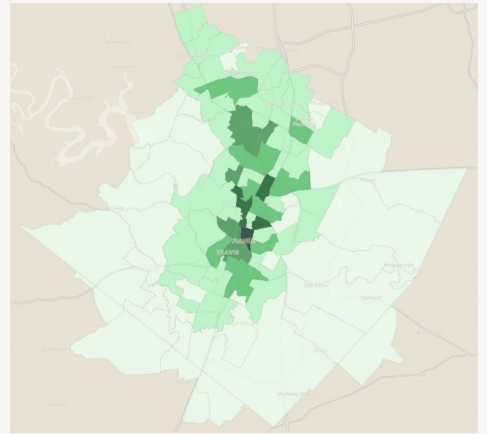
2030



2040

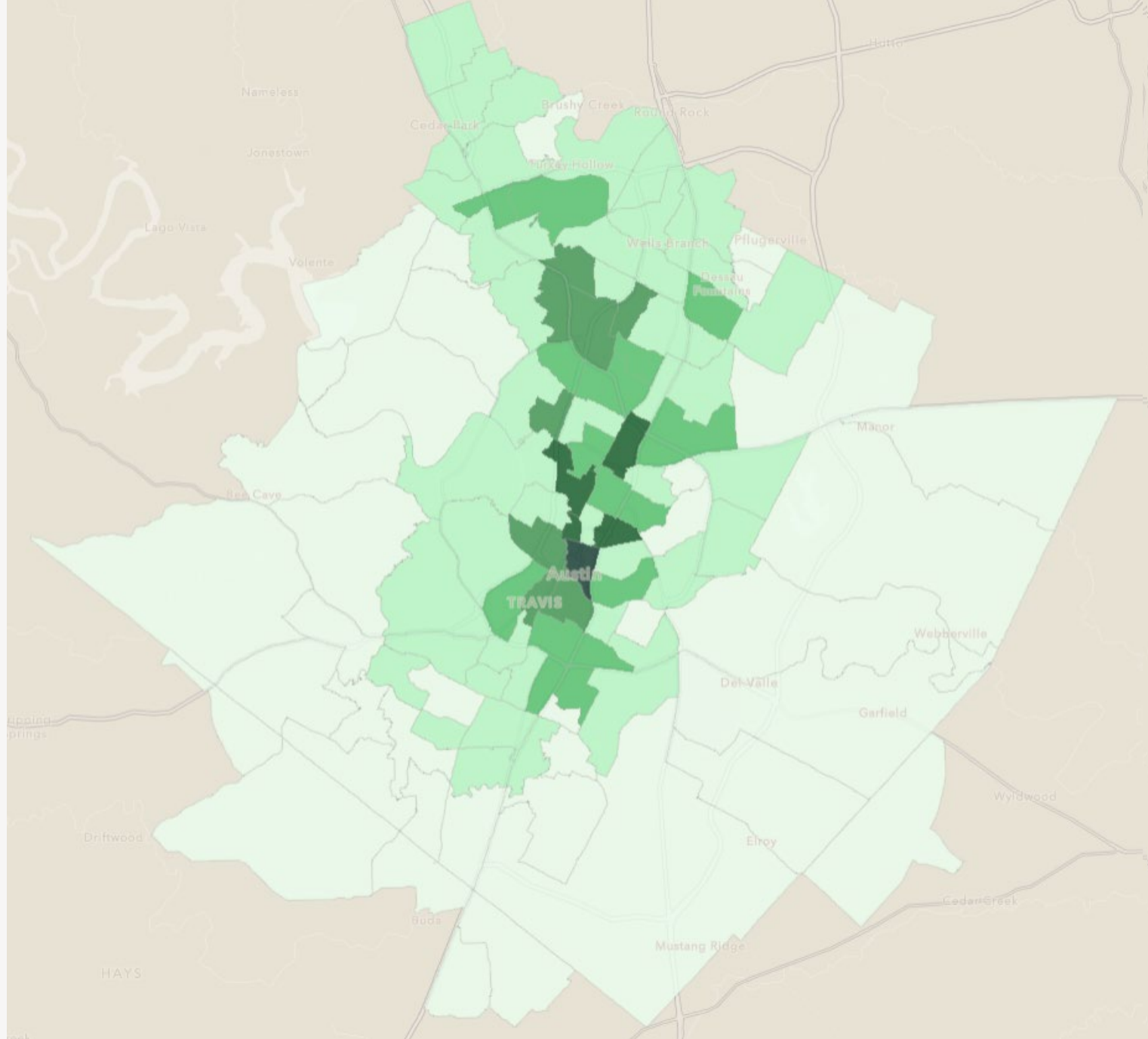


2050



2060

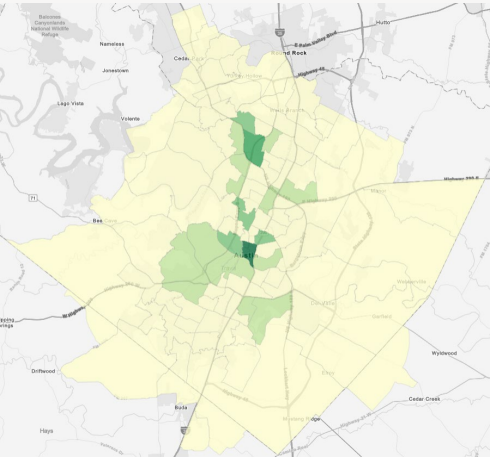
Forecasted Job Density 2060



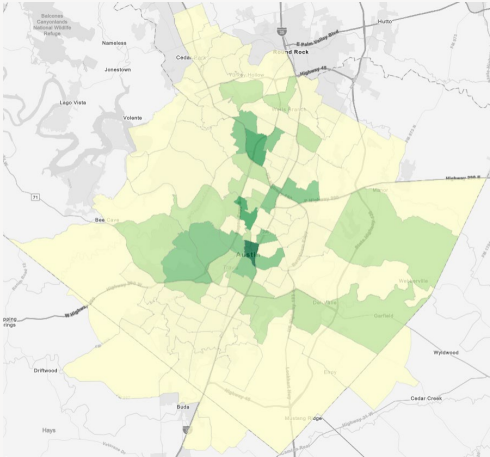
Austin is projected to add over 500,000 jobs by 2060



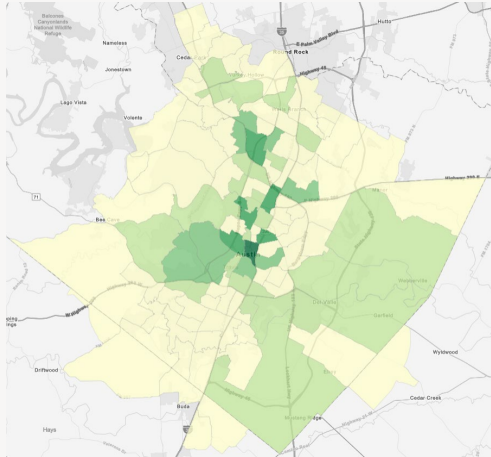
Forecasted Total Jobs



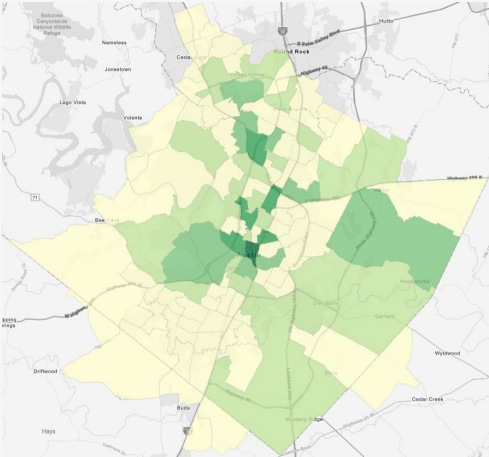
2020



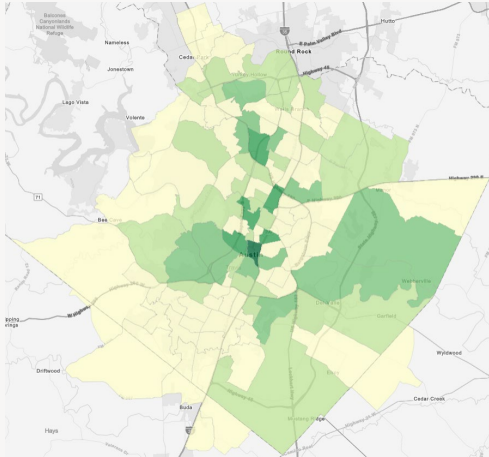
2030



2040

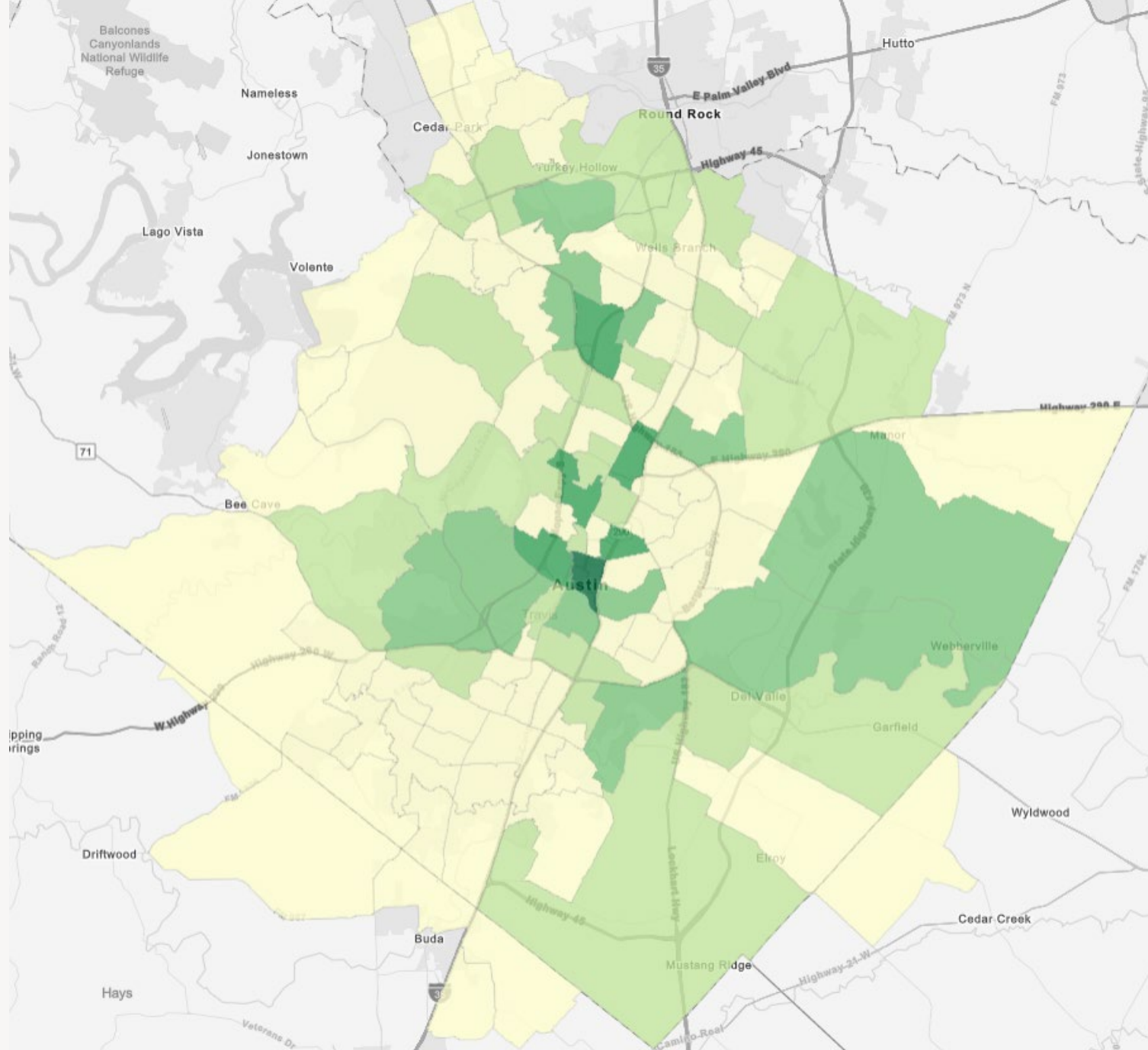


2050

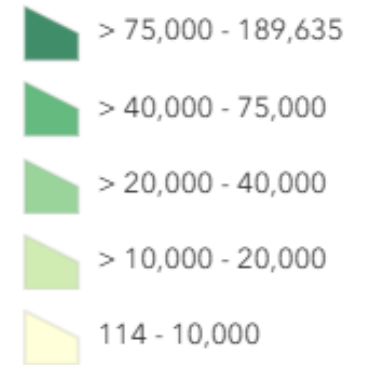


2060

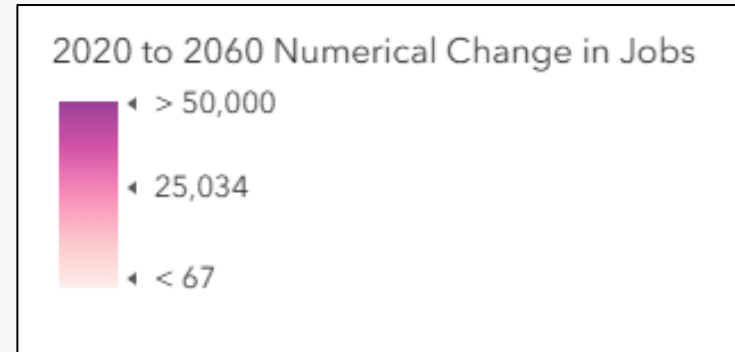
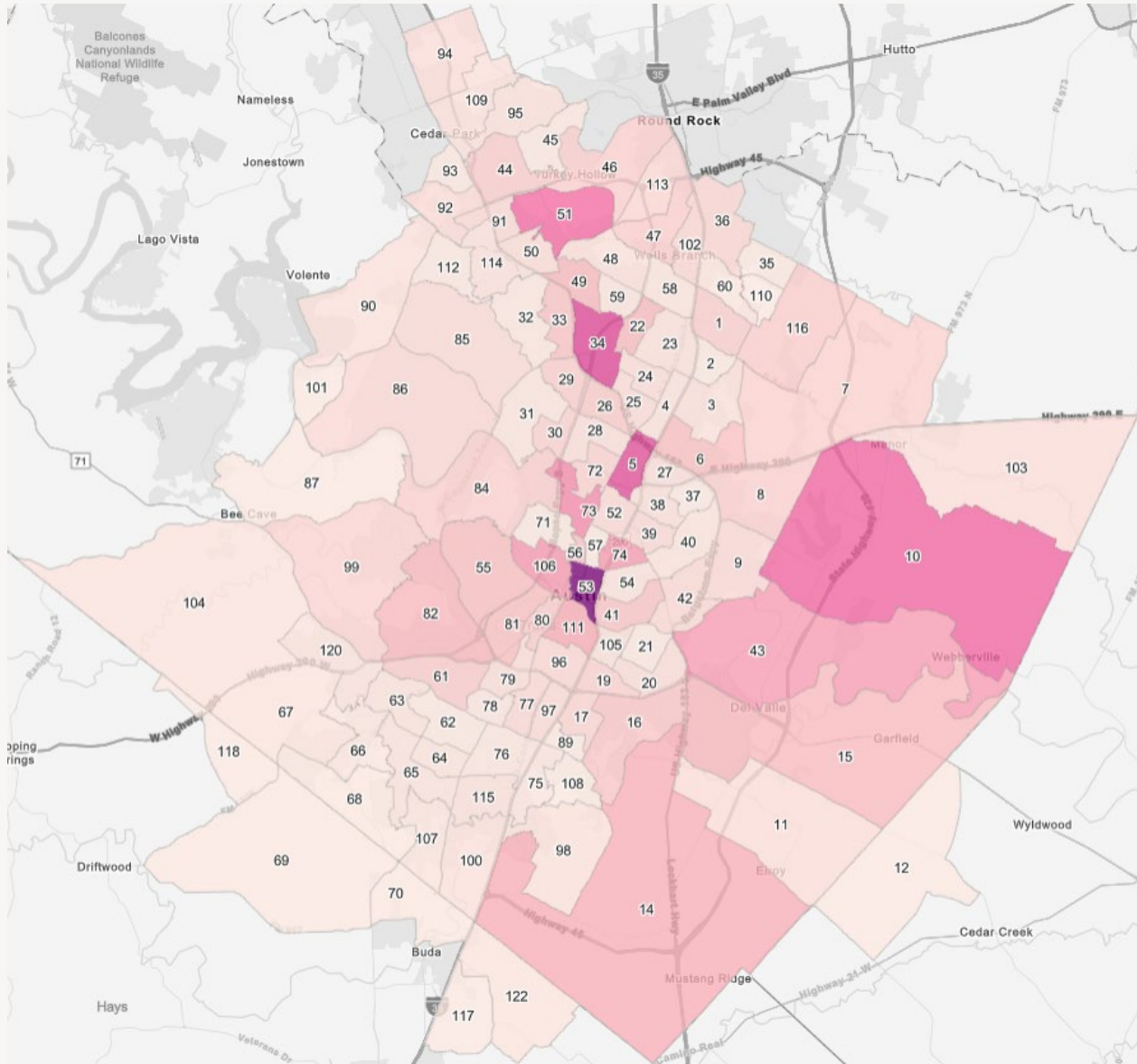
Forecasted Total Jobs 2060



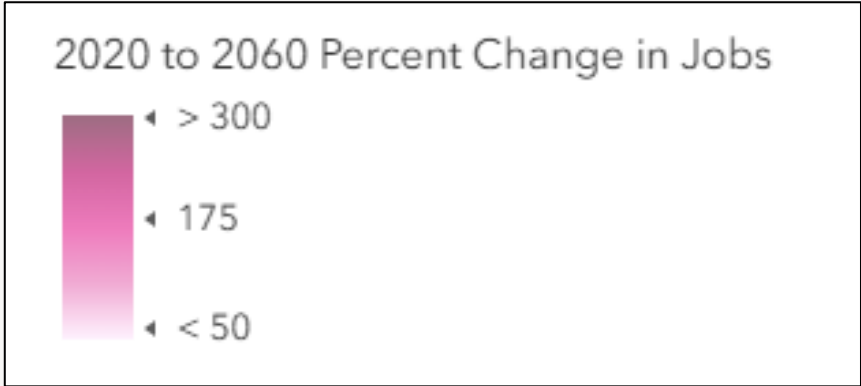
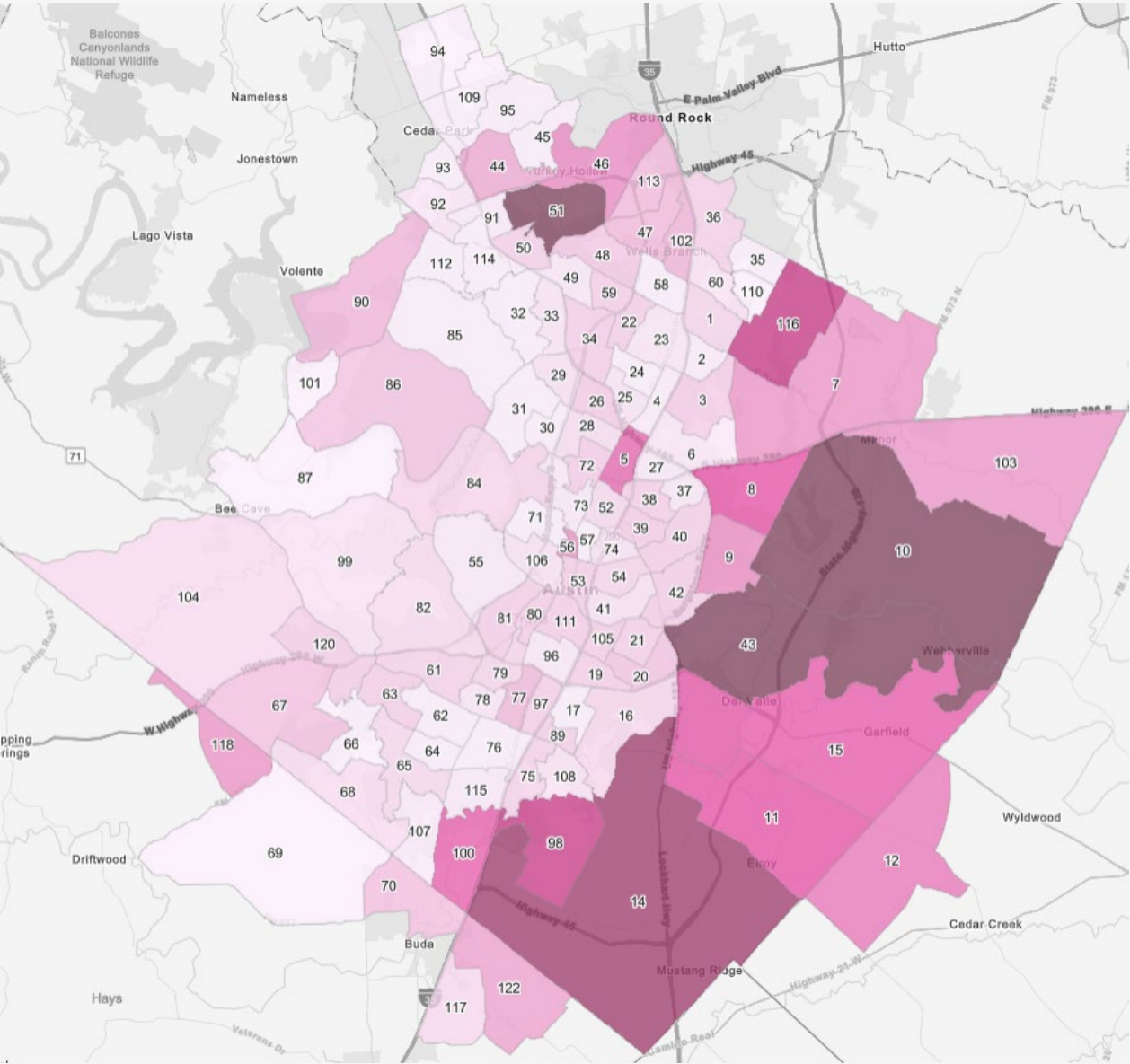
Total Jobs 2060



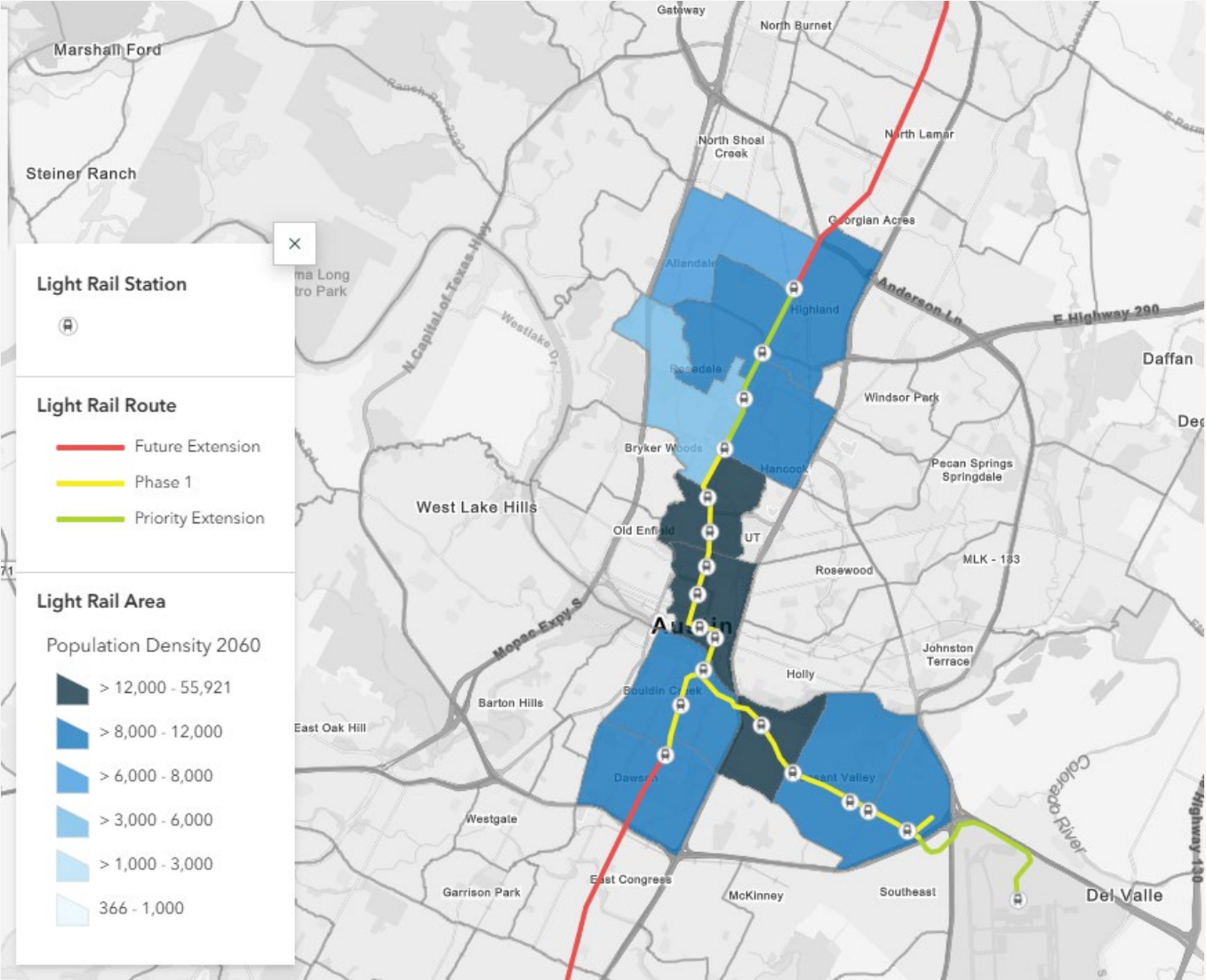
Forecasted Numeric Change in Jobs, 2020-2060



Forecasted Percent Change in Jobs, 2020-2060



Population along light rail corridor forecasted to grow by nearly 100,000 with increased density



DTI Data

Use Cases and Resources

DTI Forecast Use Cases



Here are just a few ideas :

- District planning
- Water demand projections
- Metrics for monitoring infrastructure goals
- Transit planning
- Strategic planning for housing production
- Displacement mitigation
- And more!

Visit our DTI Forecast Storymap Collection!

Collection

Delphi, Trends, and Imagine Austin (DTI) Forecast, 2020-2060

Population and Employment Forecast

Demographics and Data Division | Austin Planning

Get started

The Delphi, Trends, and Imagine Austin (DTI) Forecast is a small-area population and jobs forecast for the decades 2020 – 2060. The forecast was created by a multi-department working group facilitated by the Demographics and Data Division in the Planning Department and is intended as a resource for city staff and leadership, community and business organizations, and other members of the public to use for understanding potential future growth in the city.

DTI stands for Delphi, Trends, and Imagine Austin and speaks to a three-pronged approach: 1. *Delphi* refers to the Delphi method, developed by the Rand Corporation in the 1950s to forecast future trends in the context of high uncertainty. The method brings together subject matter experts to participate in



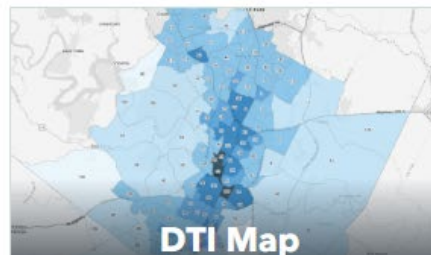
Exploring the Delphi, Trends, and Imagine Austin (DTI) Forecast Dashboard

DTI Dashboard Video Guide

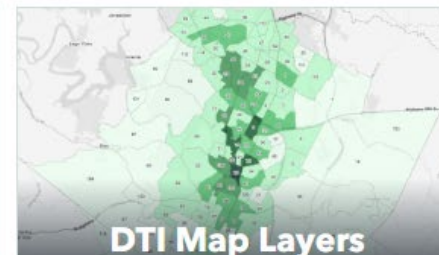
Imagine Austin Population and Employment Forecast, 2020 to 2060



DTI Dashboard



DTI Map



DTI Map Layers



Thank you!

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