



Land Use Scenarios

Land Use Advisory Committee



January 19, 2023 Baris Gumus-Dawes

Refresher

What is scenario planning?



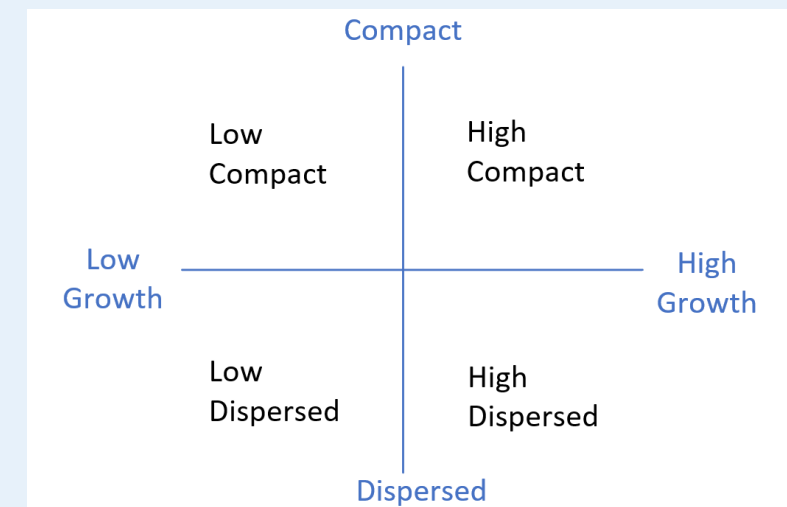
Why and how are we using it?

- Prepare for contingencies in an unknown future
- Identify future risks and opportunities
- Reveal land use goals and objectives
- Inform future land use policies

What scenarios are we examining?

Regional Growth:

How much? Where?



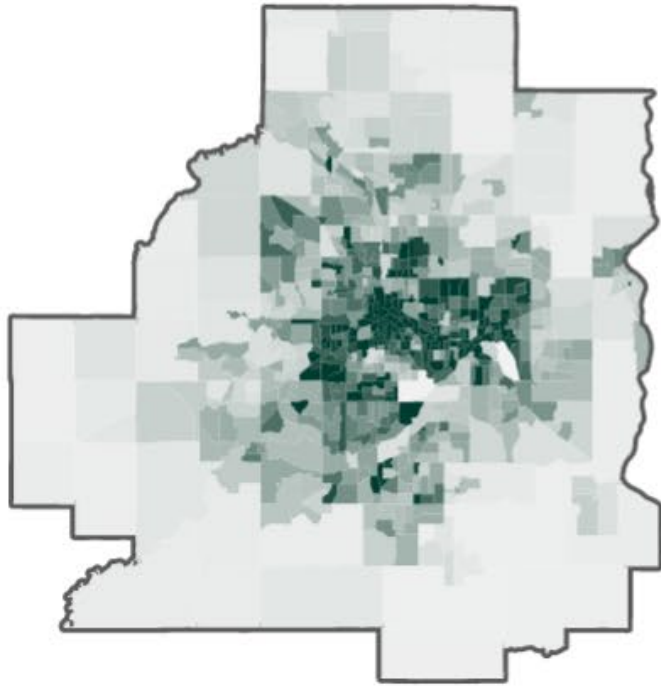
Overview



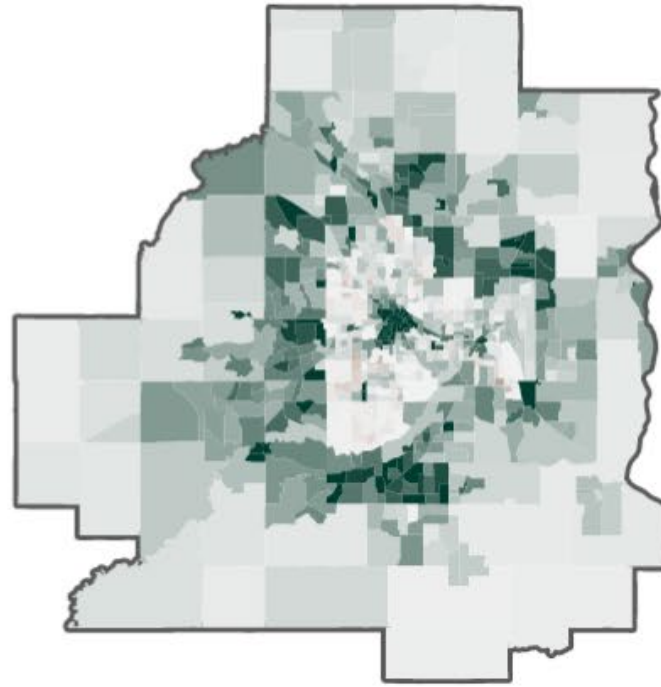
- What do different futures look like?
- How can we evaluate each future?
- What are the land use implications of these futures?
- What land use policies can we use to address each future?
- How can land use policies impact crucial regional issues?
- What are our next steps?

What do different futures look like?

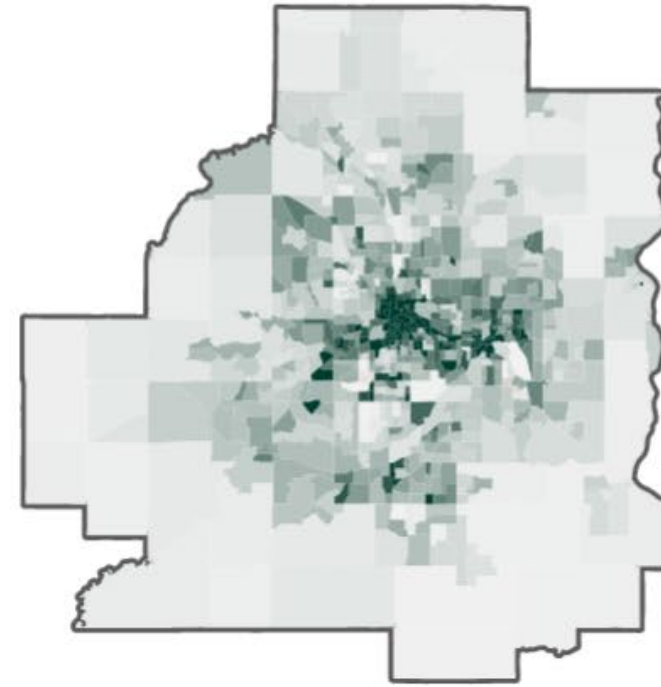
High growth, compact



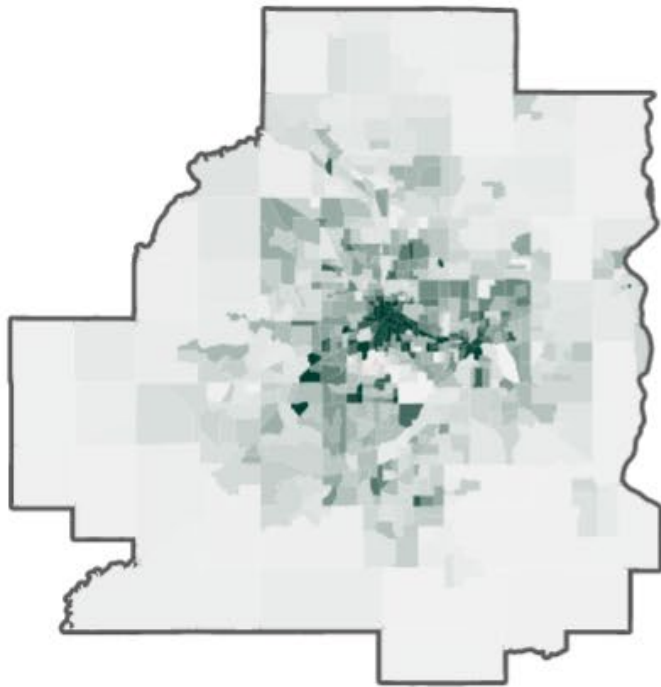
High growth, dispersed



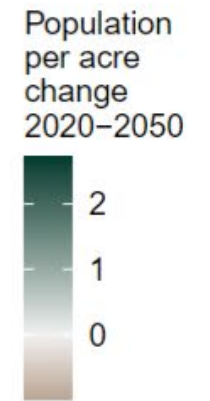
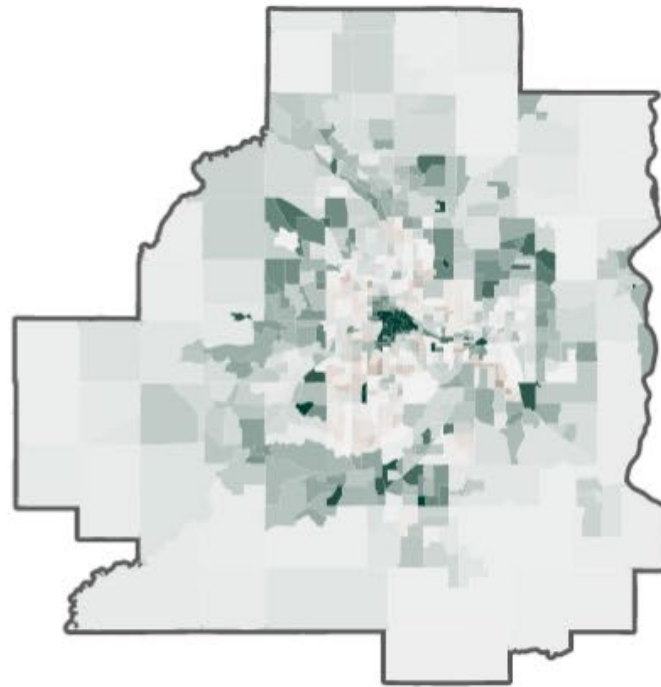
Business as usual



Low growth, compact

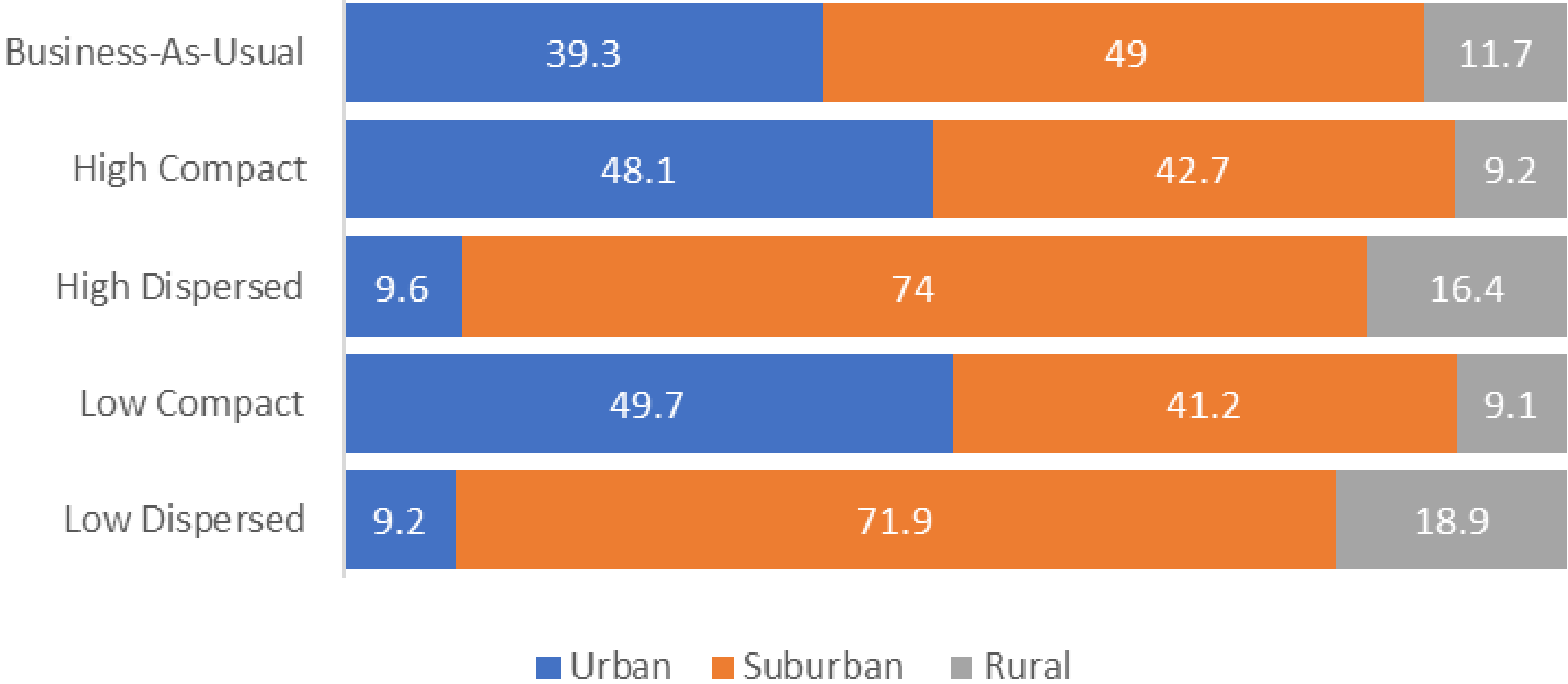


Low growth, dispersed

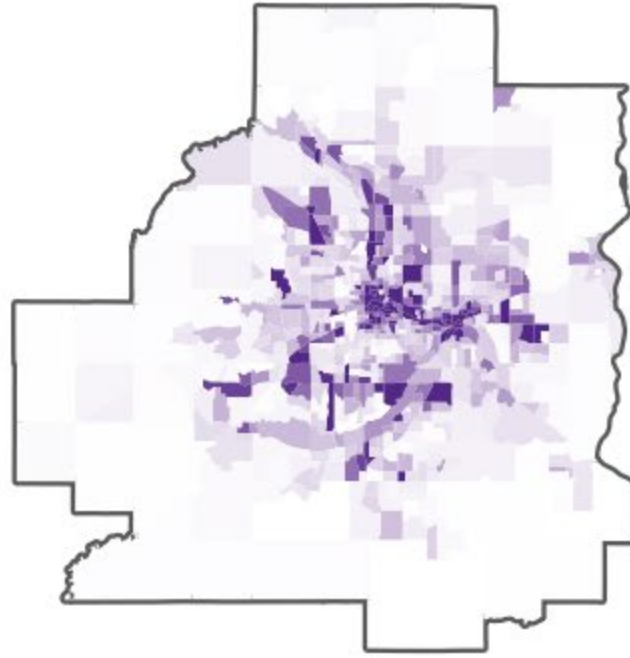


Population per Acre Change, 2020-2050

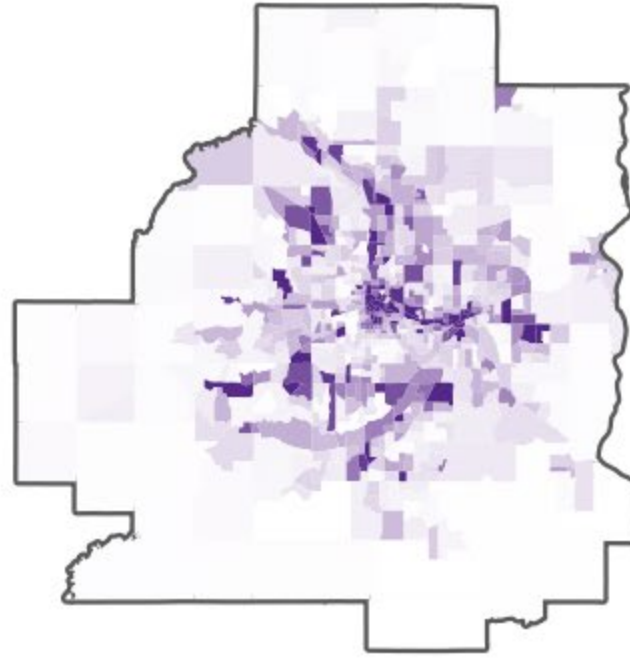
Share of Population Growth by Community Designation, 2020-2050



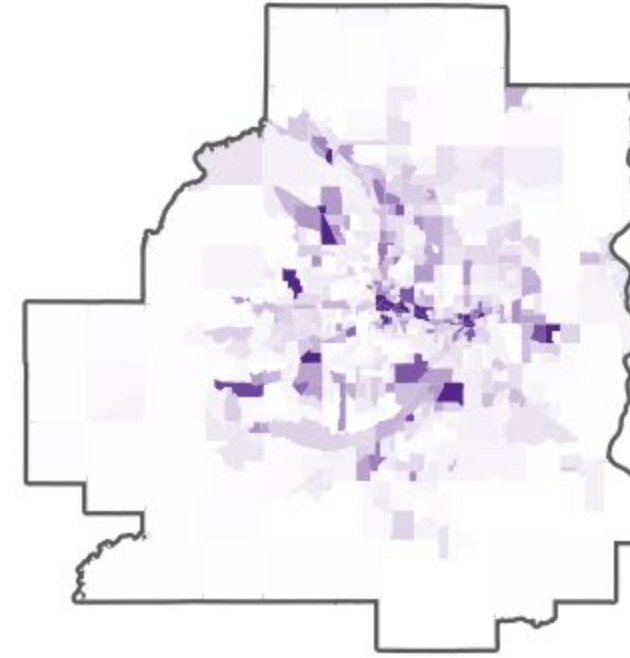
High growth, compact



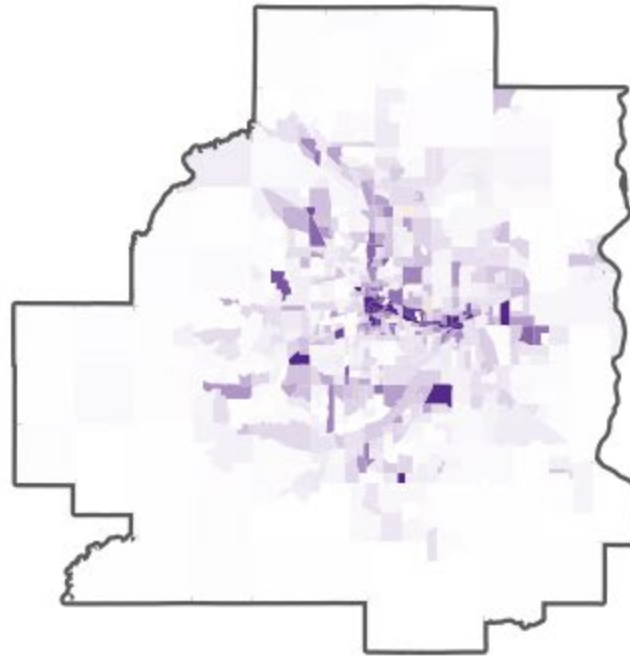
High growth, dispersed



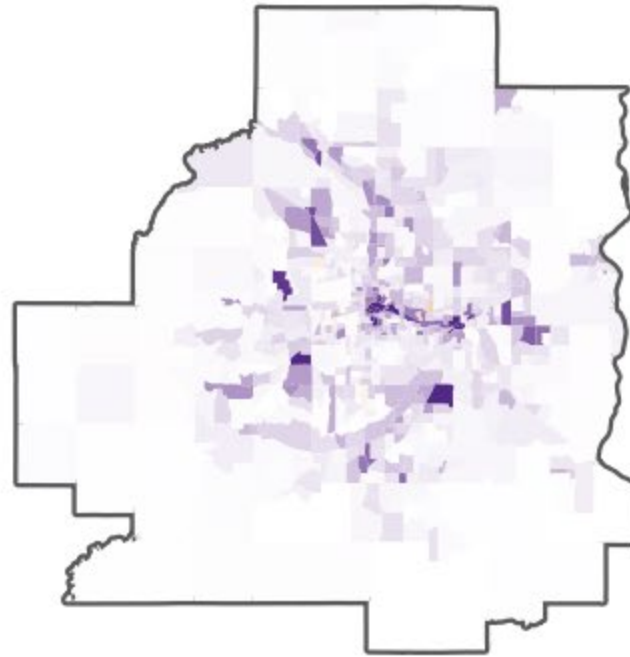
Business as usual



Low growth, compact



Low growth, dispersed

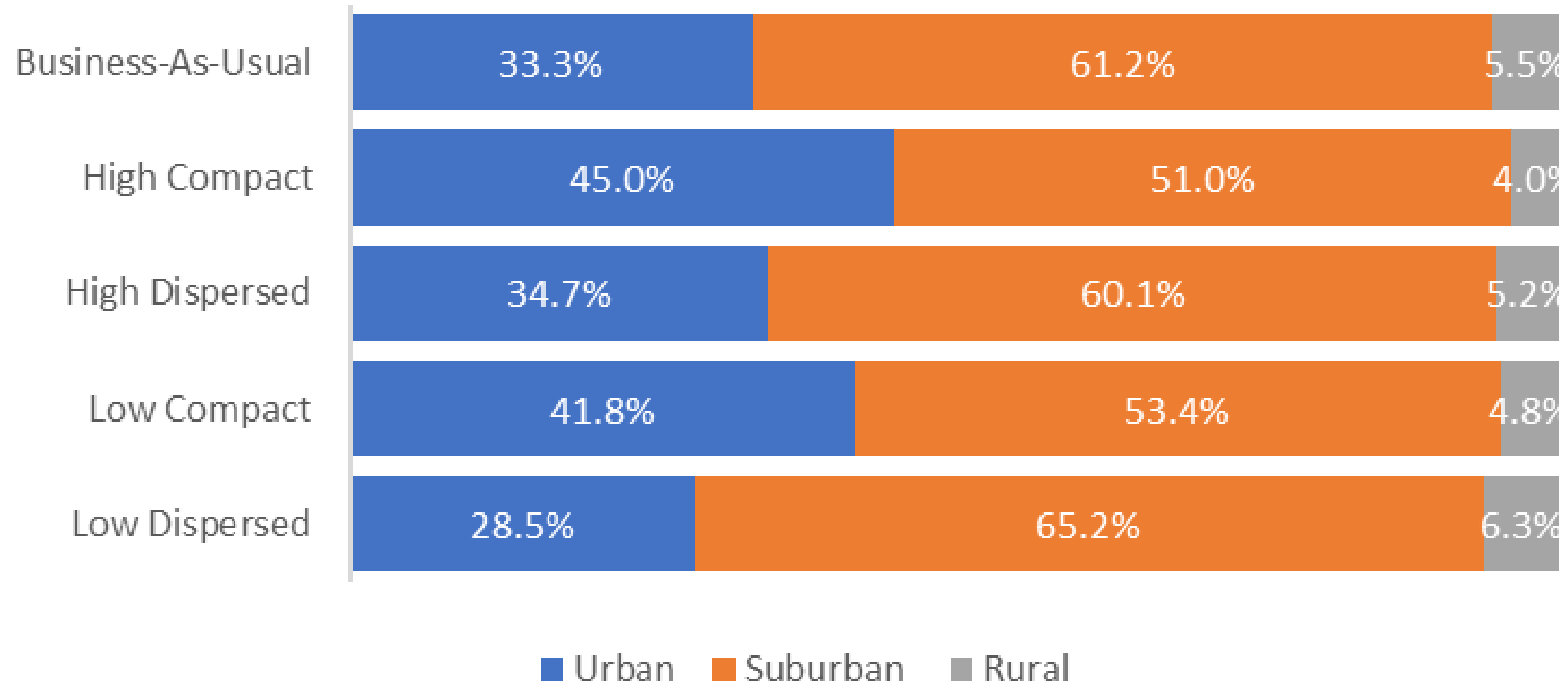


Employment per acre change 2020-2050



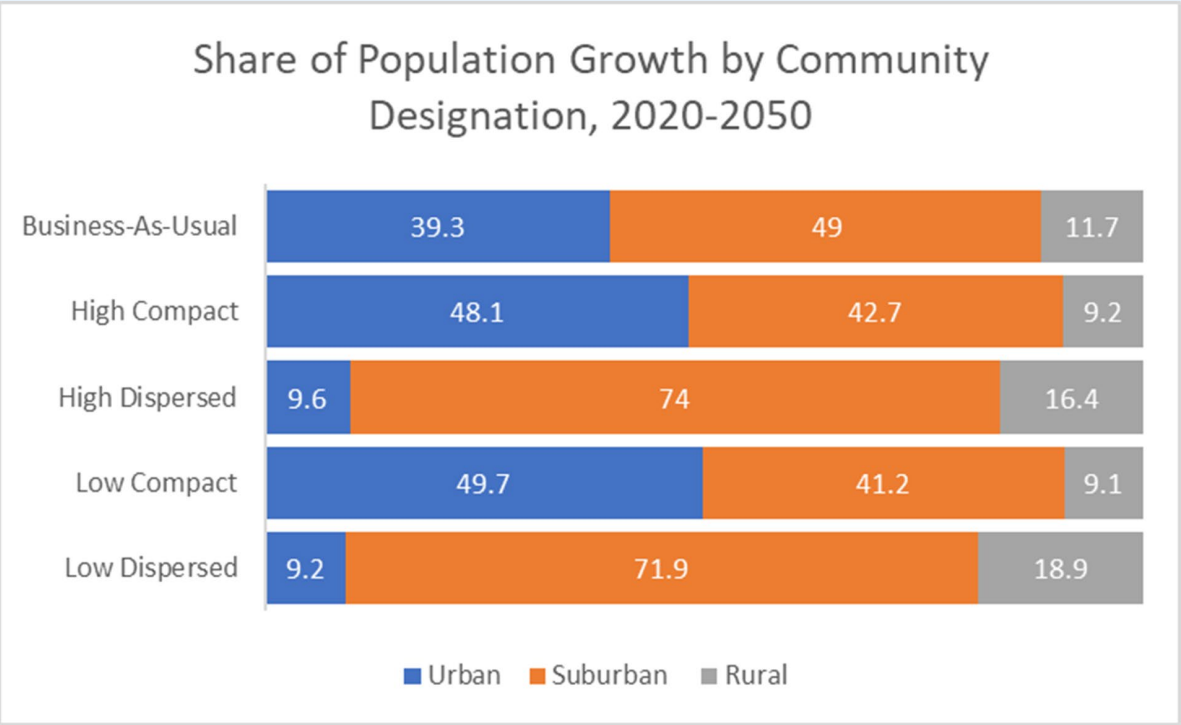
Employment per Acre Change, 2020-2050

Share of Employment Growth by Community Designation, 2020-2050

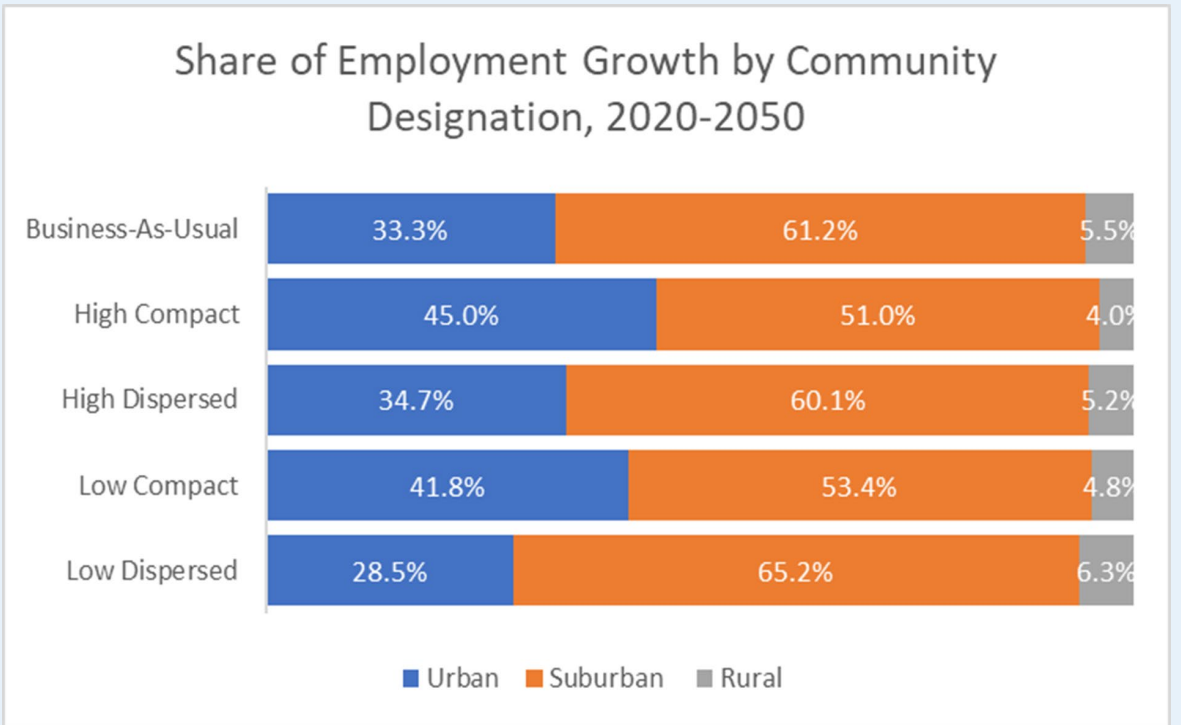


Population vs employment

Population



Employment



**How can we
evaluate each
future?**

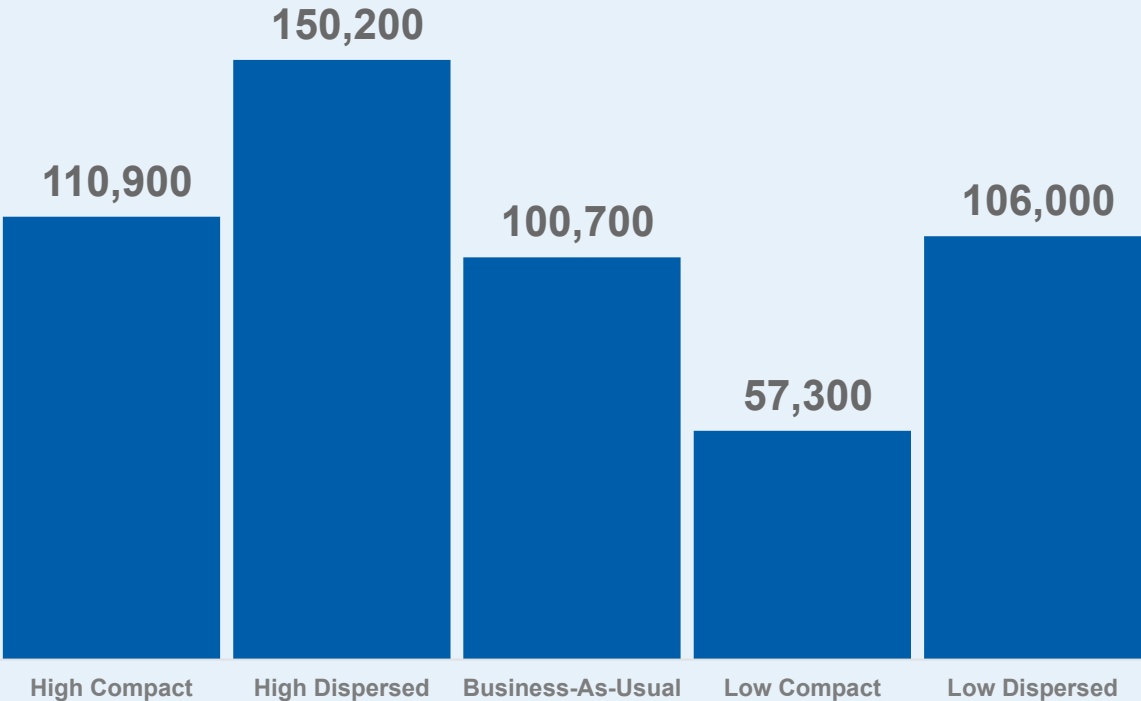
Evaluating the Scenarios

- What do you find appealing in each future?
- What do you find unappealing in each future?
- Why?

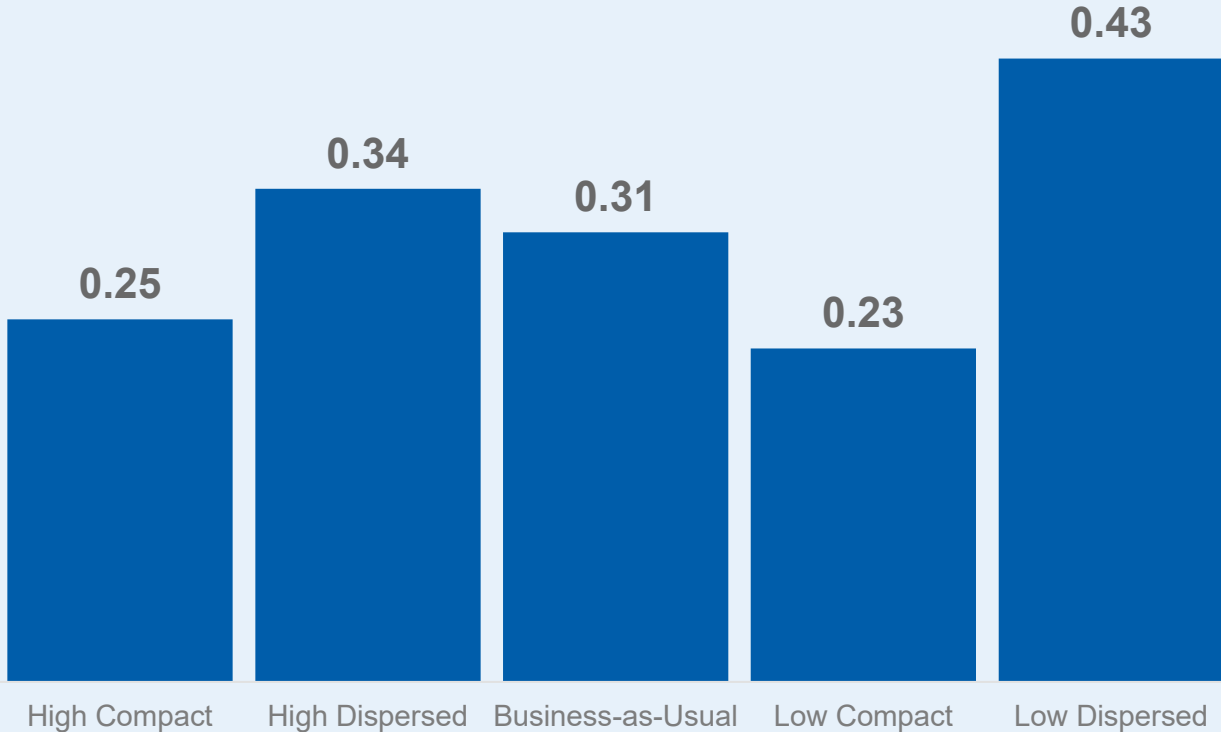
What are the land use implications of different futures?

Land use modeling results

Total Acres of Additional Land Developed, 2020-2050



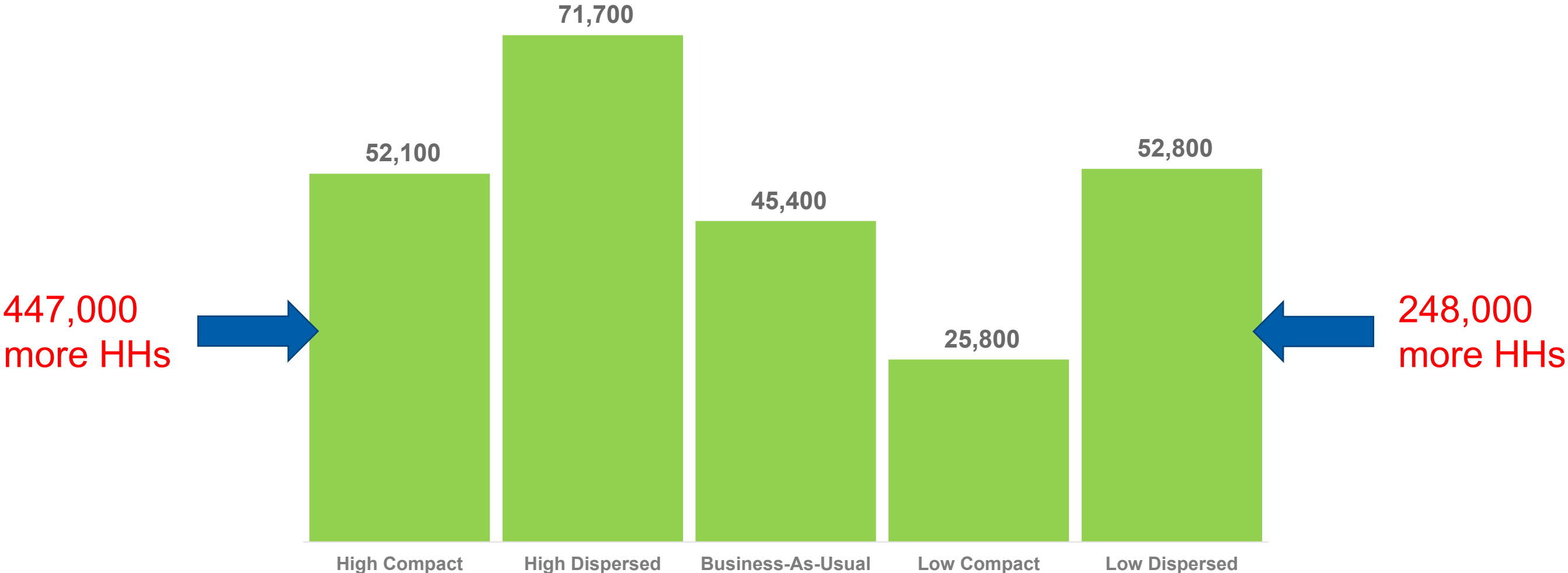
Average Acres of Land Used Per Household



■ Series 1

Land use modeling results

Total Acres of Agricultural Land Lost to Development



Land Use Implications



Findings

- Compact development uses land more intensely and efficiently.
- Dispersed development increases pressure on agricultural land.

**What is the
connection to the
regional values
and vision?**

Regional Core Values



Cross-Cutting Regional Vision

Equity

Our Region is Equitable, Inclusive, and Welcoming

Climate

Our Region Leads on Climate Mitigation, Adaptation, and Resilience

Natural
Systems

Our Region Protects and Restores Natural Systems

Public Health,
Safety &
Wellbeing

Our Region's Communities are Healthy, Safe, and Vibrant

**How can land
use policies help
achieve desired
outcomes?**

Considering Land Use Policies



How can land use policies move the region toward desirable outcomes and away from undesirable ones?

**How can land
use policies
impact crucial
regional issues?**

Significant Cross-Cutting Regional Issues

Equity

Systemic racism and other inequities have embedded lasting social and economic disparities for our region.

Natural Systems

Natural systems are important assets that are at risk, and their benefits are often shared inequitably.

Climate

Climate change presents risks for infrastructure, natural systems, and vulnerable communities.

Public Health, Safety, & Wellbeing

Our built and natural environments can support quality of life, but inequitable or unsafe conditions can result in illness, injury, or death.

Exploring Implications of Land Use Policy



How would land use policies impact things we care about?

- Equity
- Climate Change
- Natural Systems
- Public Health, Safety, and Well-being

**What are our
next steps?**

Upcoming Discussions



Guiding growth in the region

- Intersections of Land Use and other policy areas:
 - Transportation
 - Housing
 - Wastewater and Water Resources
 - Regional Parks and Trails
- Continued Land Use Goal and Policy development

Thank you!

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