



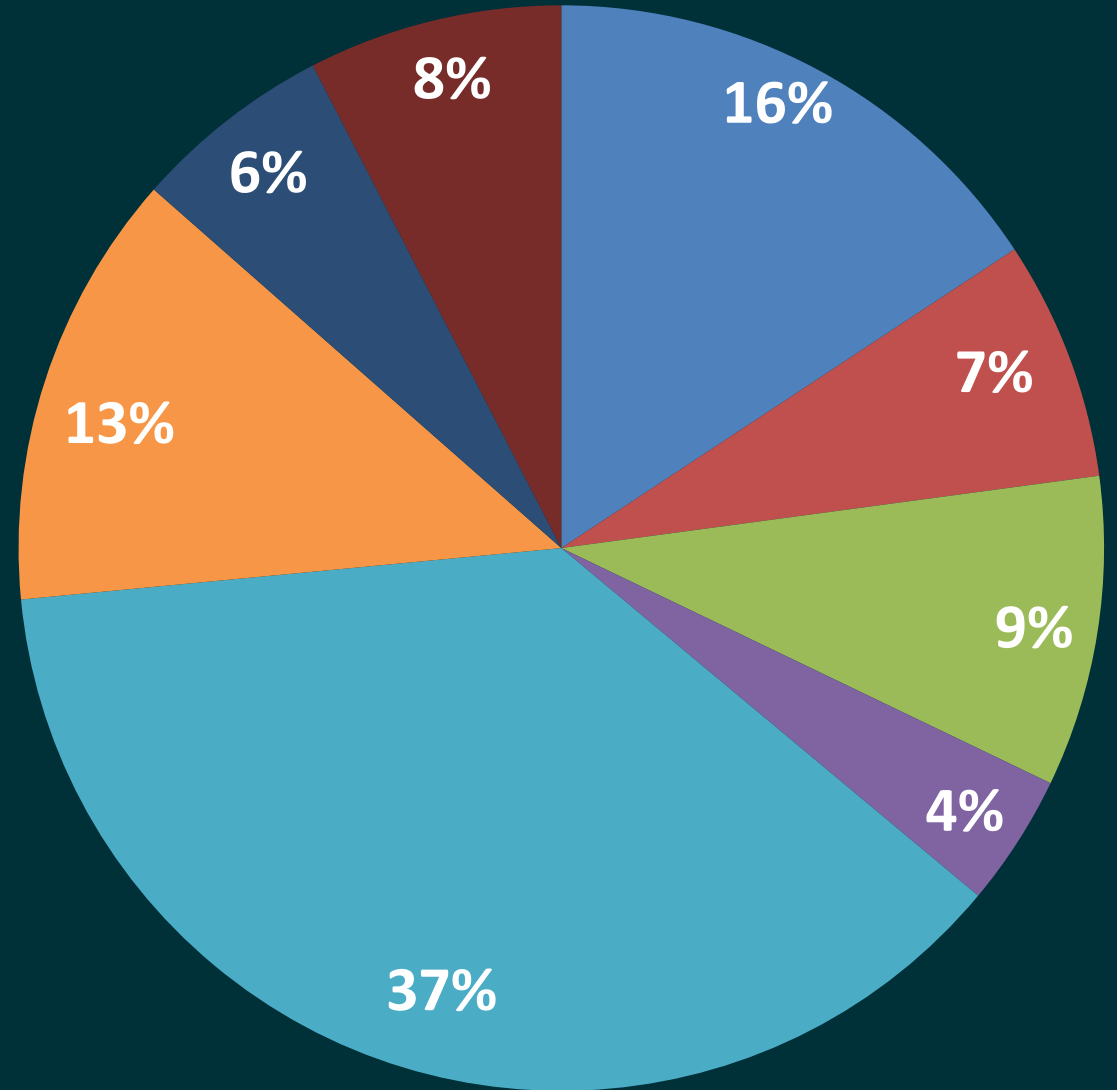
VALLEY VISIONING

Phase 1 Overview

- As of April 3rd, 2,723 people have taken the online survey
- 12 public workshops were held across the valley where over 400 people were engaged

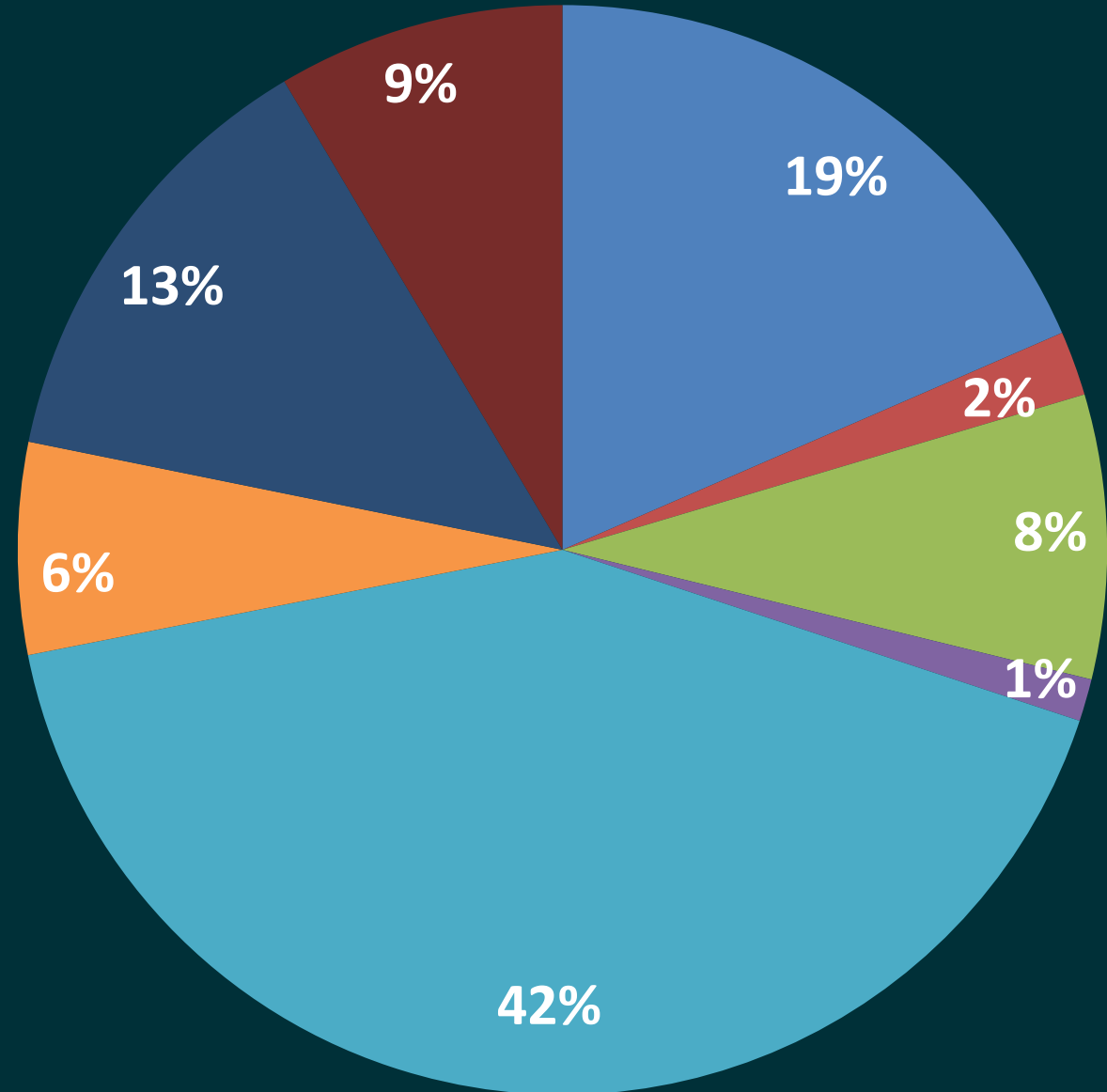
Where do you live?

- Lehi/Saratoga Springs
- Eagle Mountain/Cedar Valley
- Pleasant Grove/Lindon/American Fork
- Highland/Alpine/Cedar Hills
- Orem/Provo/Vineyard
- Spanish Fork/Springville/Mapleton/Santaquin
- Salt Lake County
- Other

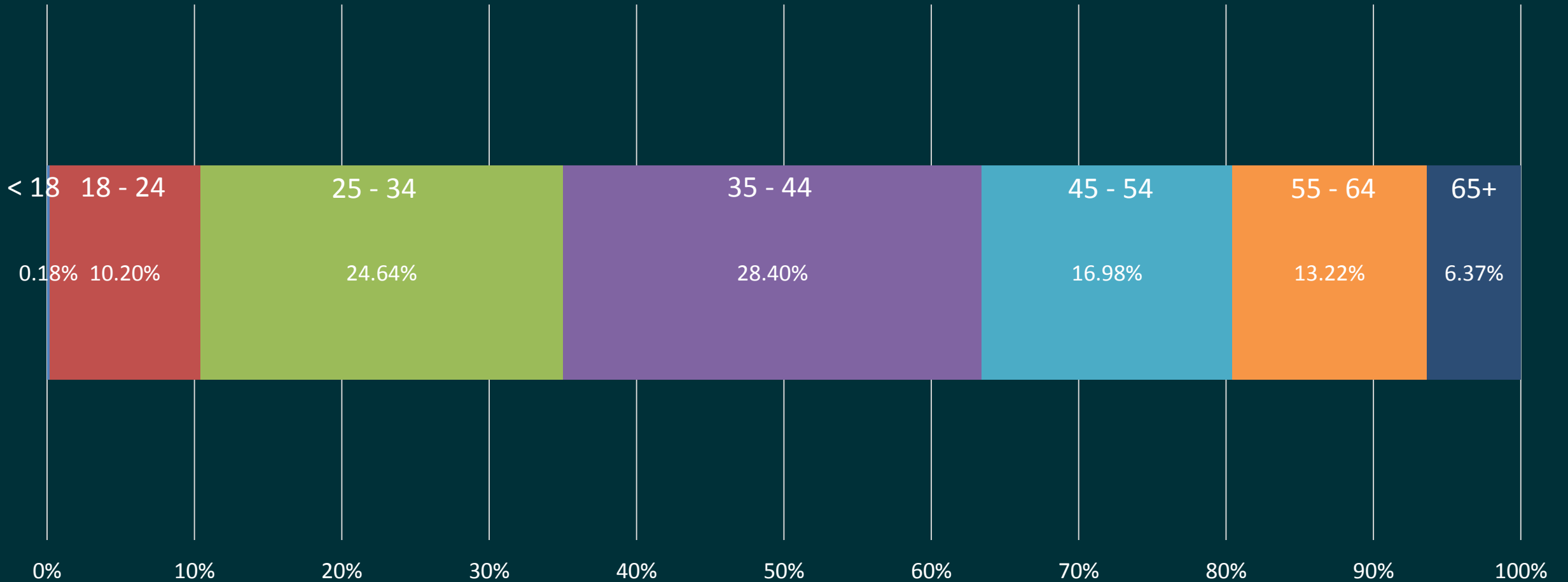


Where do you work?

- Lehi/Saratoga Springs
- Eagle Mountain/Cedar Valley
- Pleasant Grove/Lindon/American Fork
- Highland/Alpine/Cedar Hills
- Orem/Provo/Vineyard
- Spanish Fork/Springville/Mapleton/Santaquin
- Salt Lake County
- Other

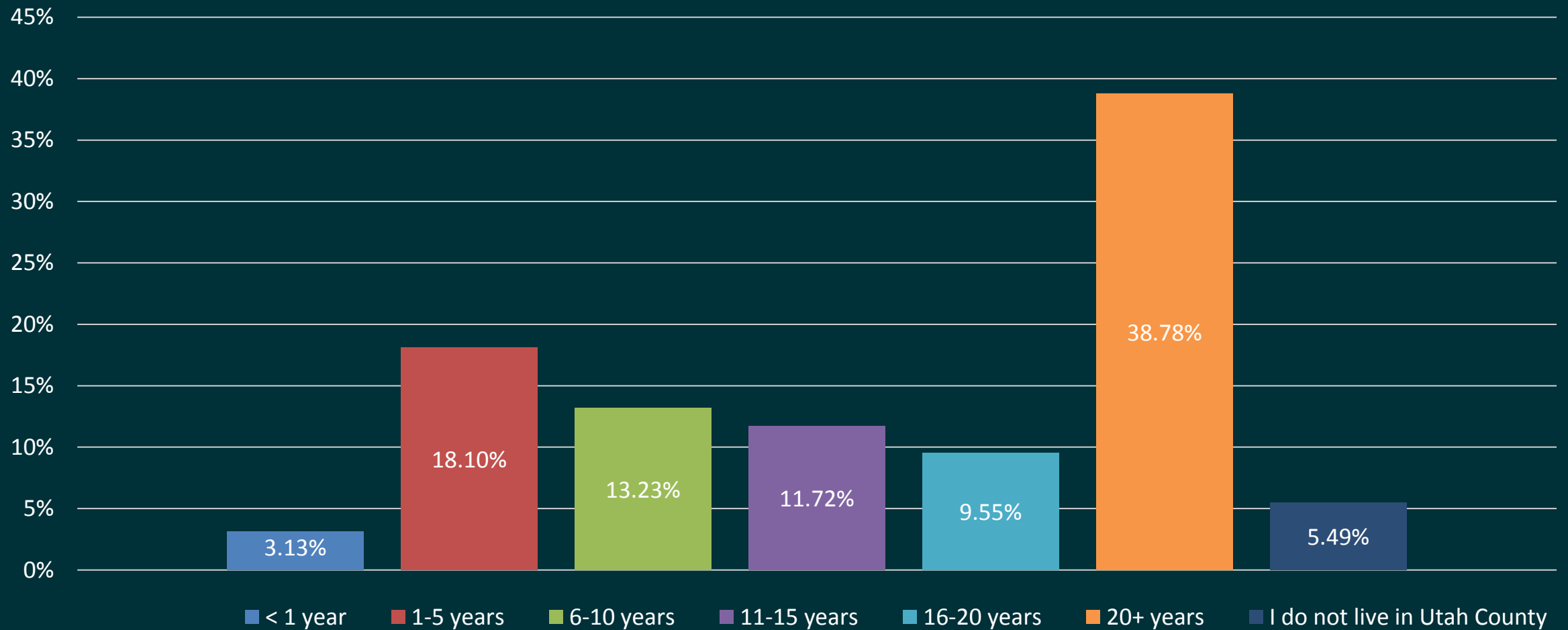


What is your age?

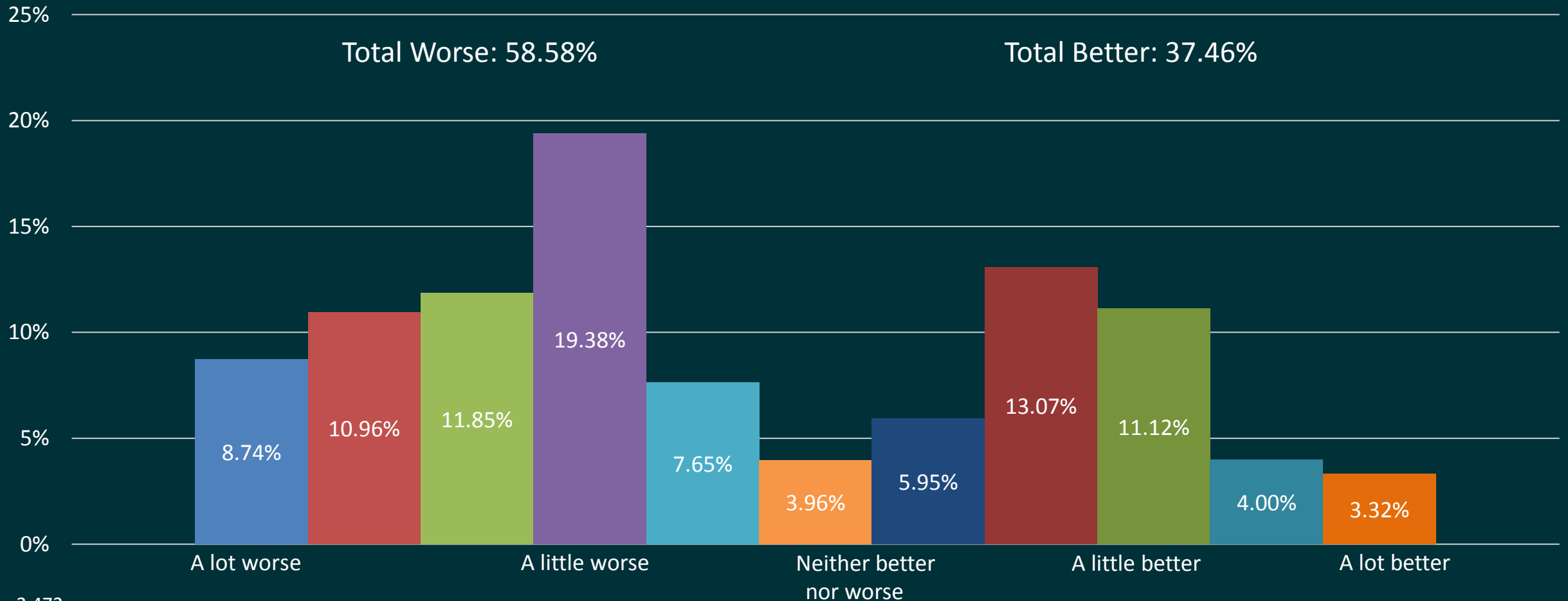


N = 2,715
Results from online survey.

How long have you lived in Utah County?

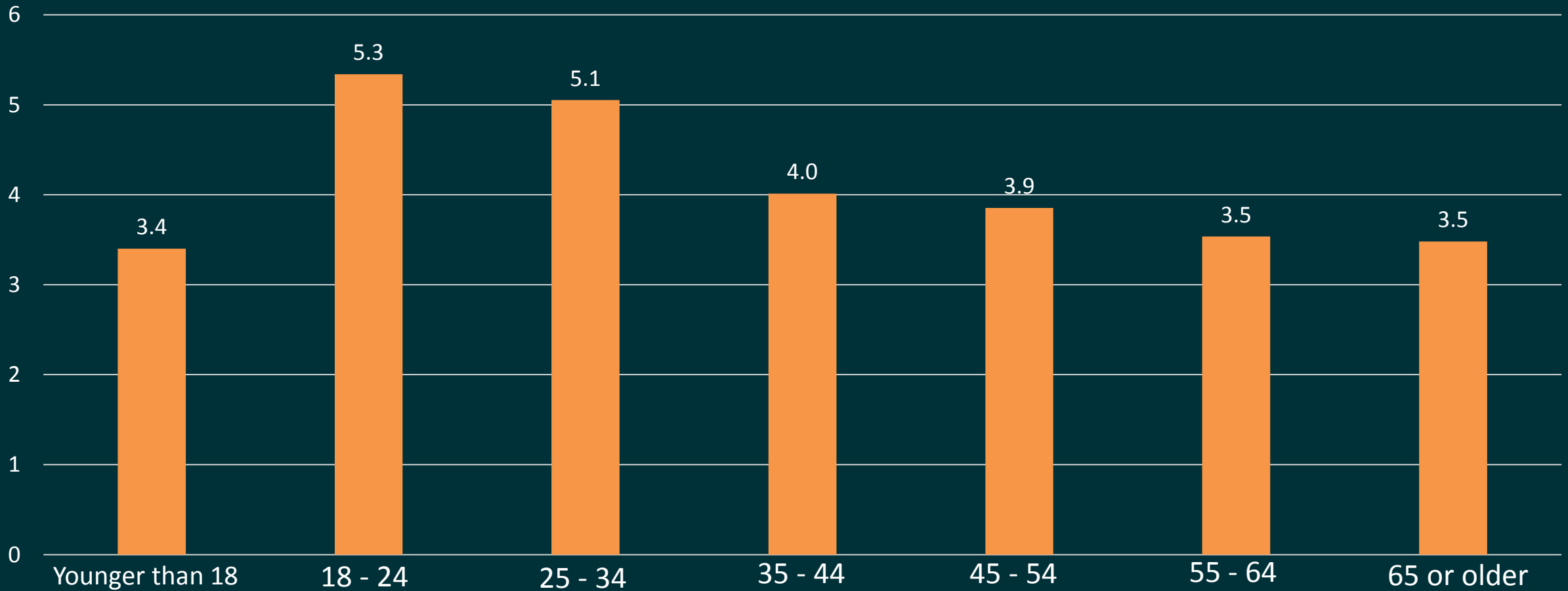


Do you believe growth in Utah County will make things better or worse?

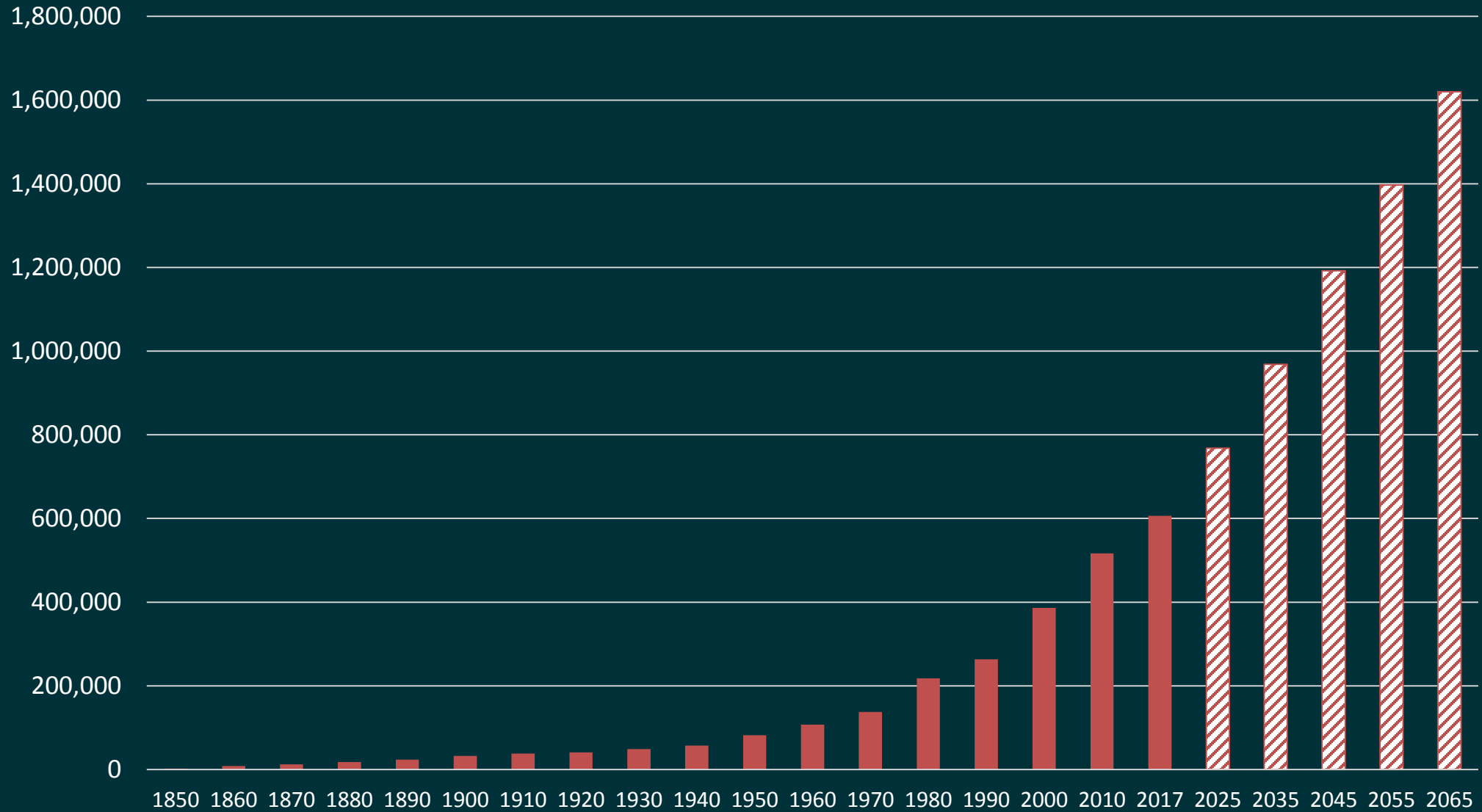


Do you believe growth in Utah County will make things better or worse? (Average)

Participants ranked from 0 (a lot worse) to 10 (a lot better)

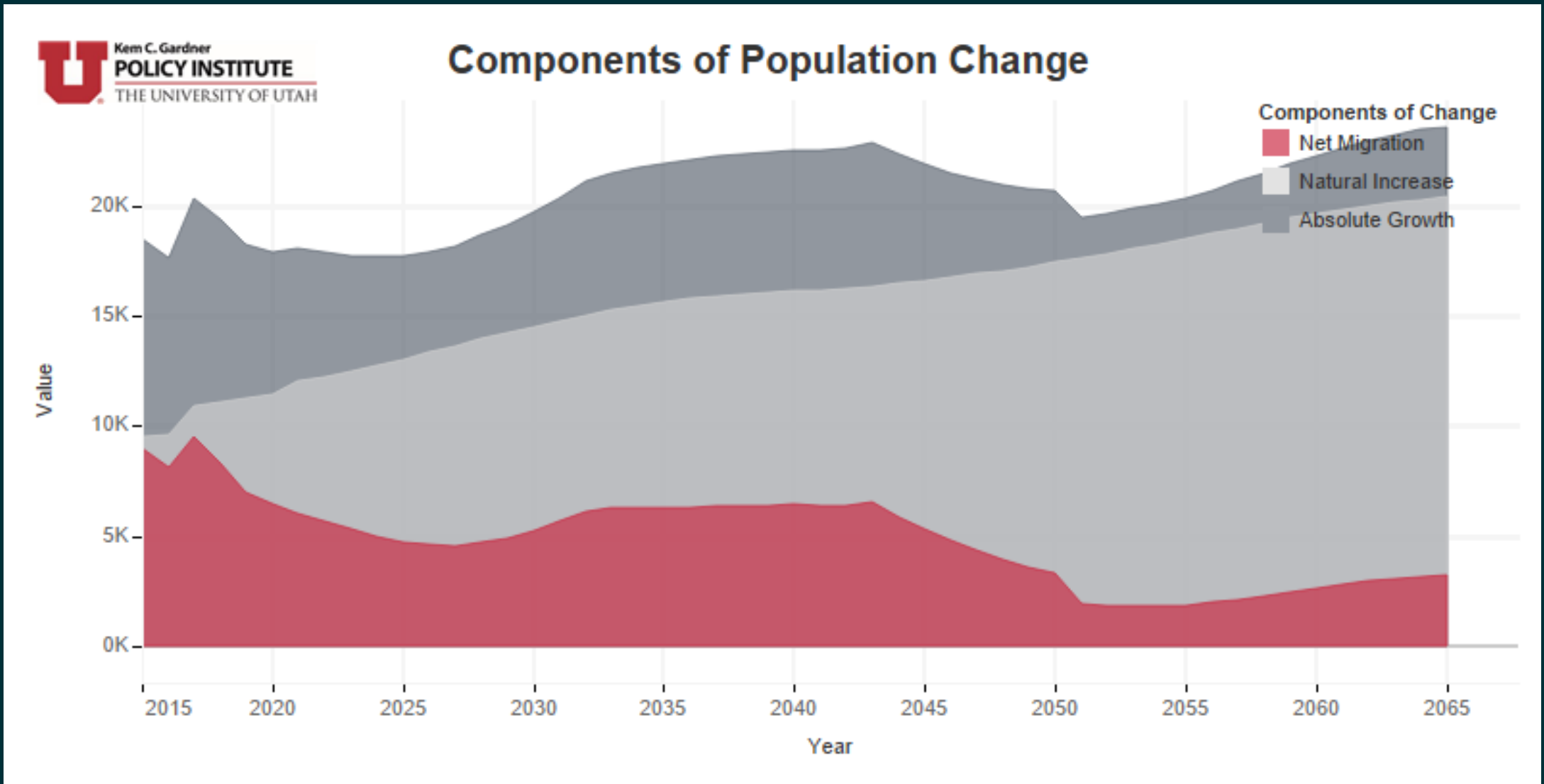


UTAH COUNTY POPULATION GROWTH

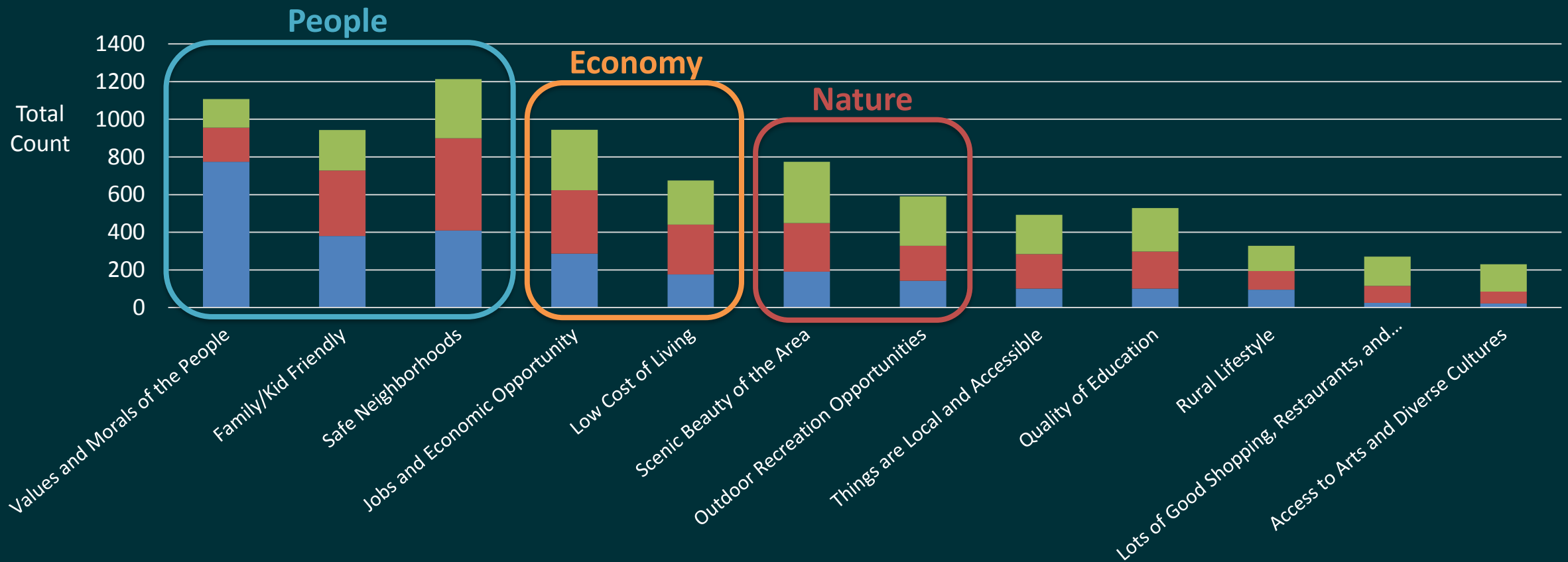


Source: U.S. Census; Kem C. Gardner Policy Institute

About 85% of our 2050 Growth is Internal



Thinking about the quality of life in Utah County, please identify which of the following factors have the greatest POSITIVE impact on the overall quality of life for you personally.



UTAHNS' VALUES

SAFE AND SECURE ENVIRONMENT



UTAHNS' VALUES

COST OF LIVING AND ECONOMIC OPPORTUNITY

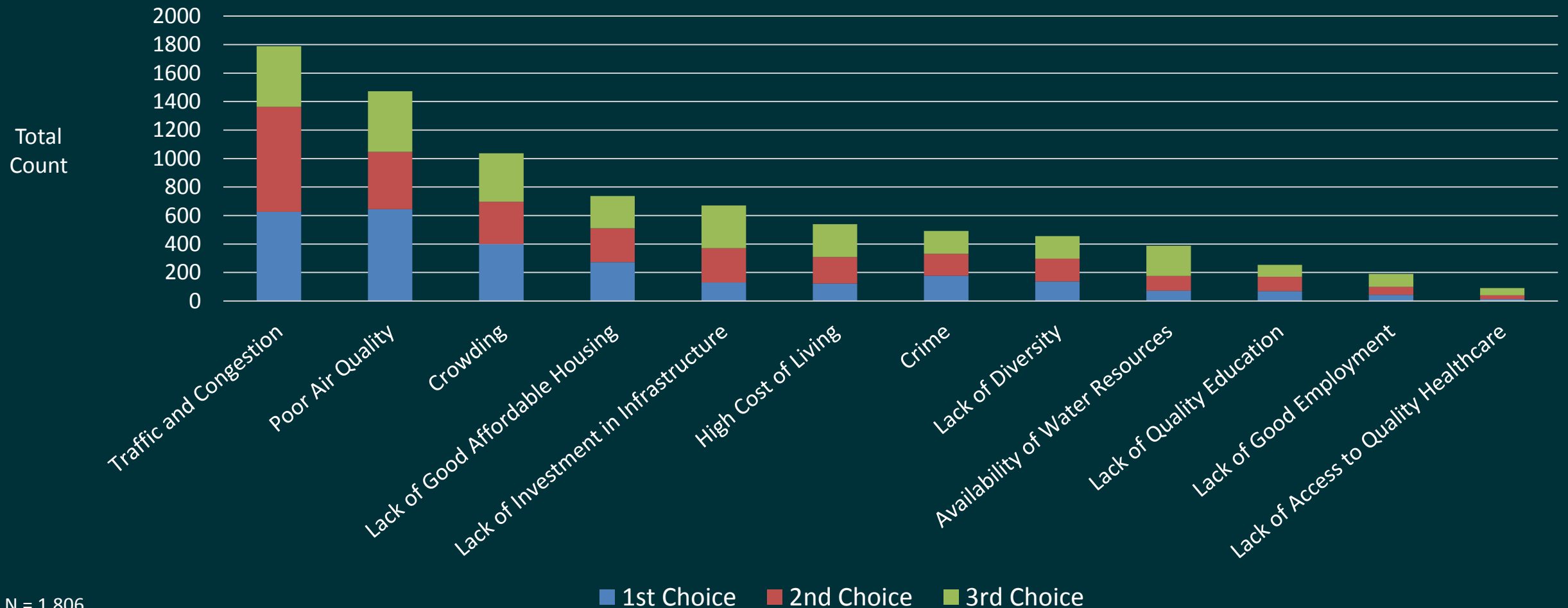


UTAHNS' VALUES

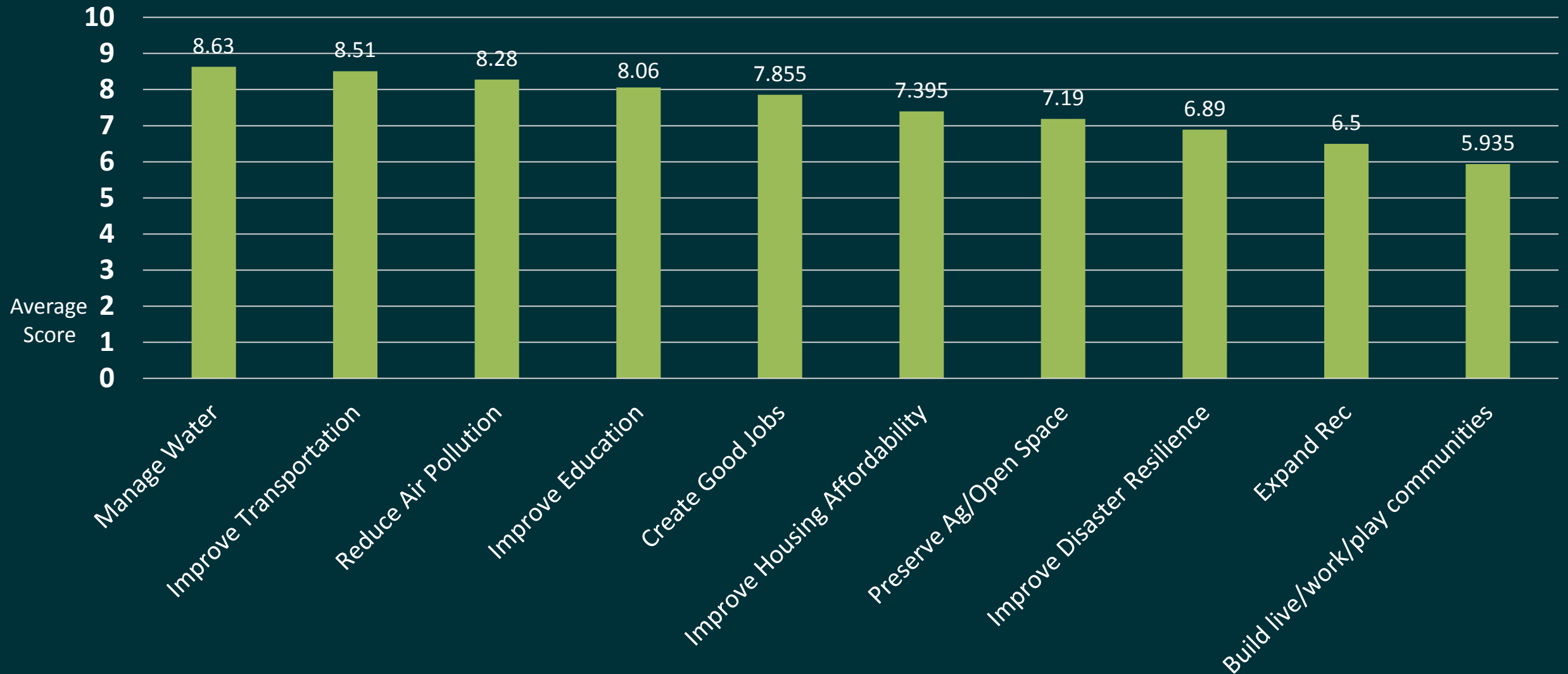
SCENIC BEAUTY AND OUTDOOR RECREATION



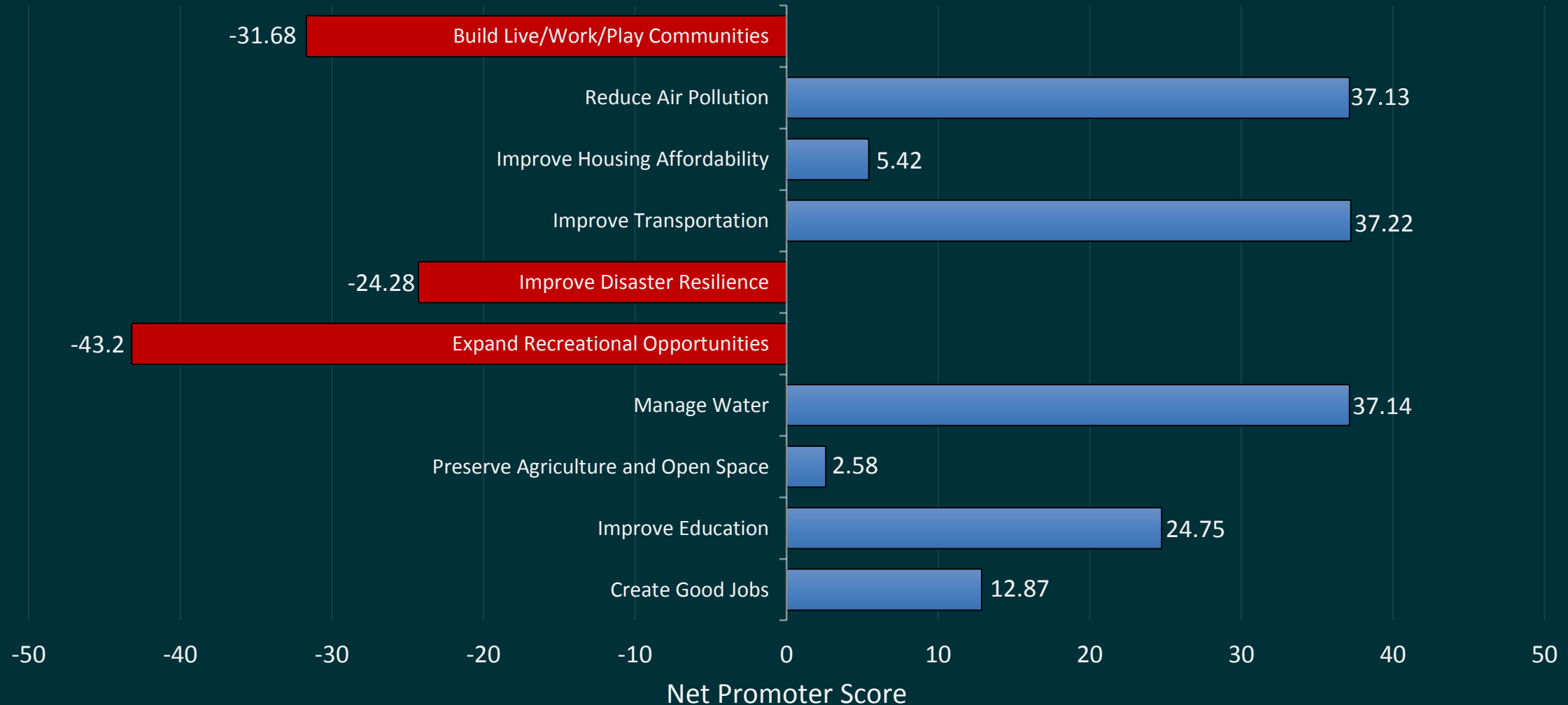
Thinking about the quality of life in Utah County, please identify which of the following factors have the greatest NEGATIVE impact on the overall quality of life for you personally.



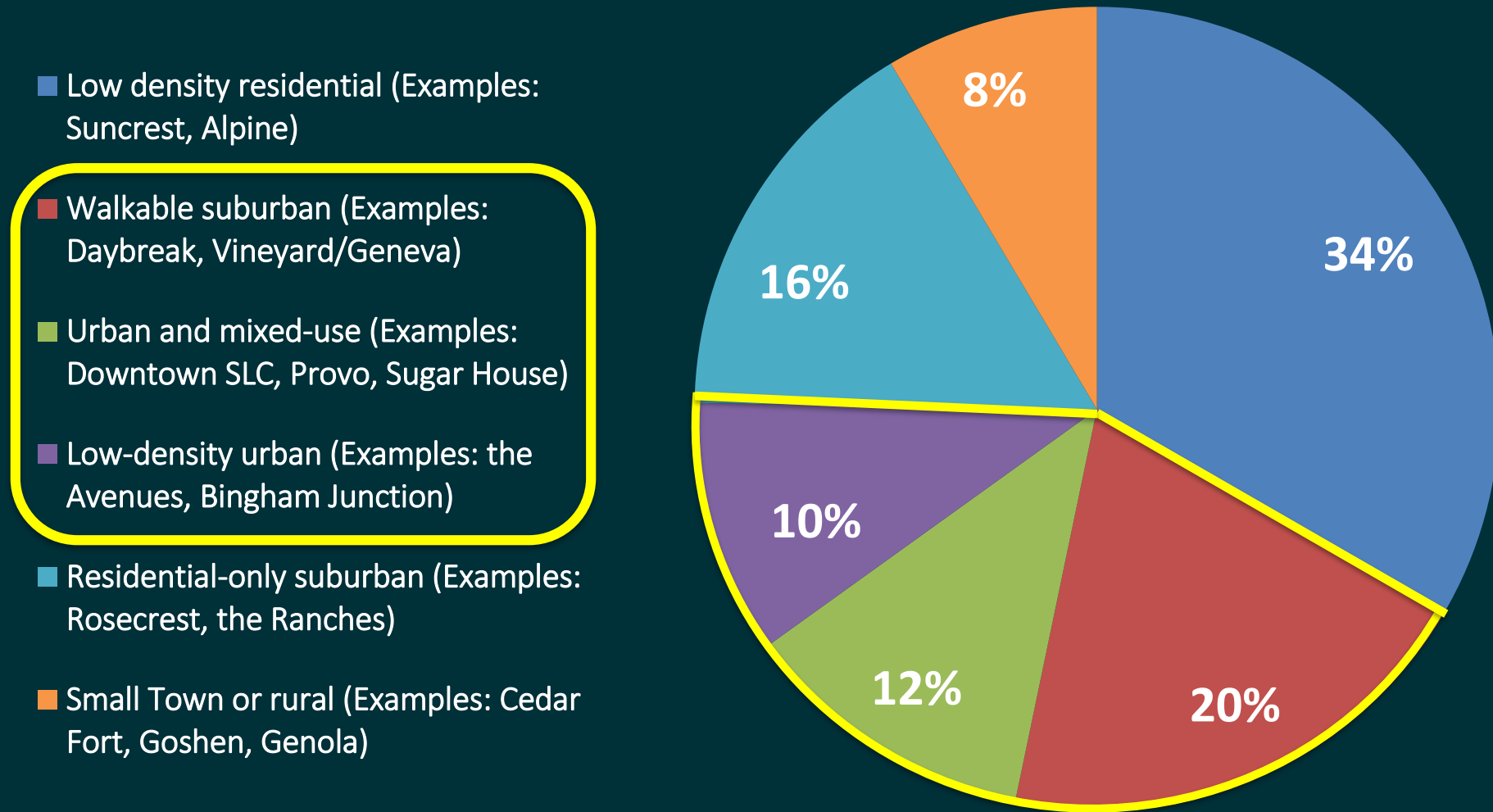
Utah County is projected to double in population by 2050. The vast majority of that growth will be from new births. In light of growth, **how important to prioritize are the following outcomes for Utah County's future** (on a scale from 1 to 10)?



Utah County is projected to double in population by 2050. The vast majority of that growth will be from new births. In light of growth, **how important to prioritize are the following outcomes for Utah County's future** (on a scale from 1 to 10)?



From the following options, what would your ideal community be to live in?



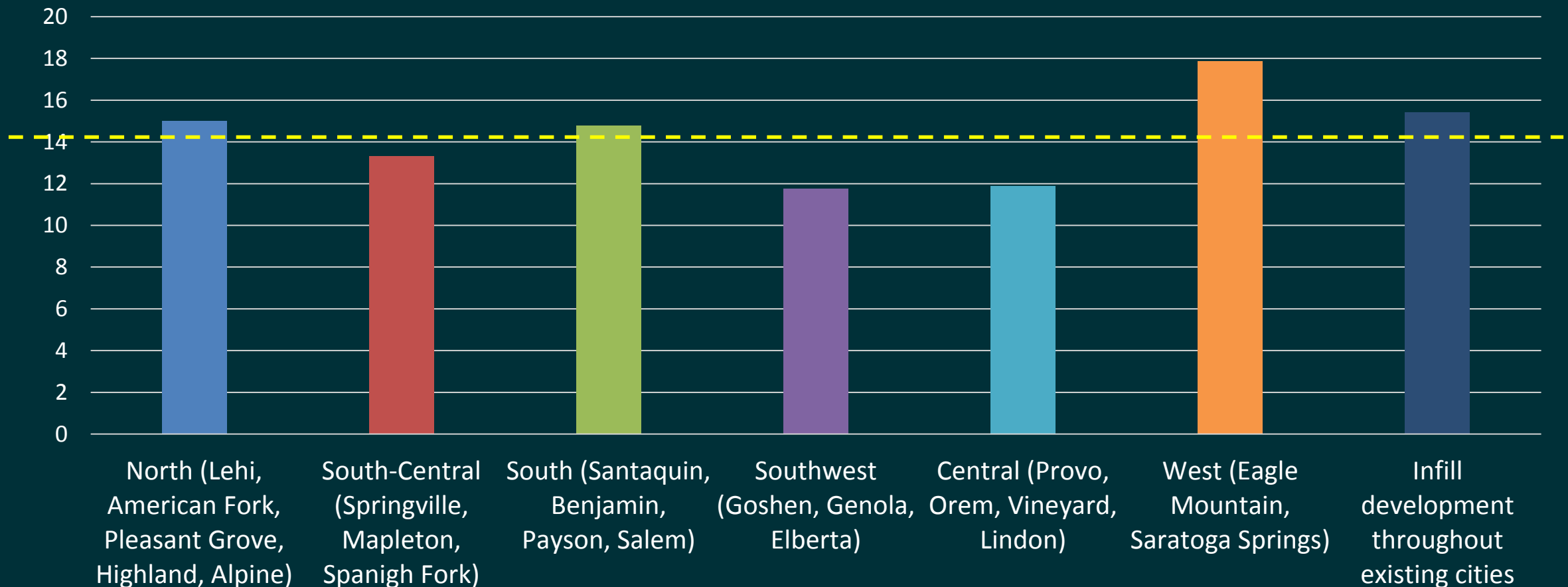
About 42% of respondents say they want to live somewhere more walkable than traditional suburban.

Ideal Housing By Age Group



N = 2,680
Results from online survey.

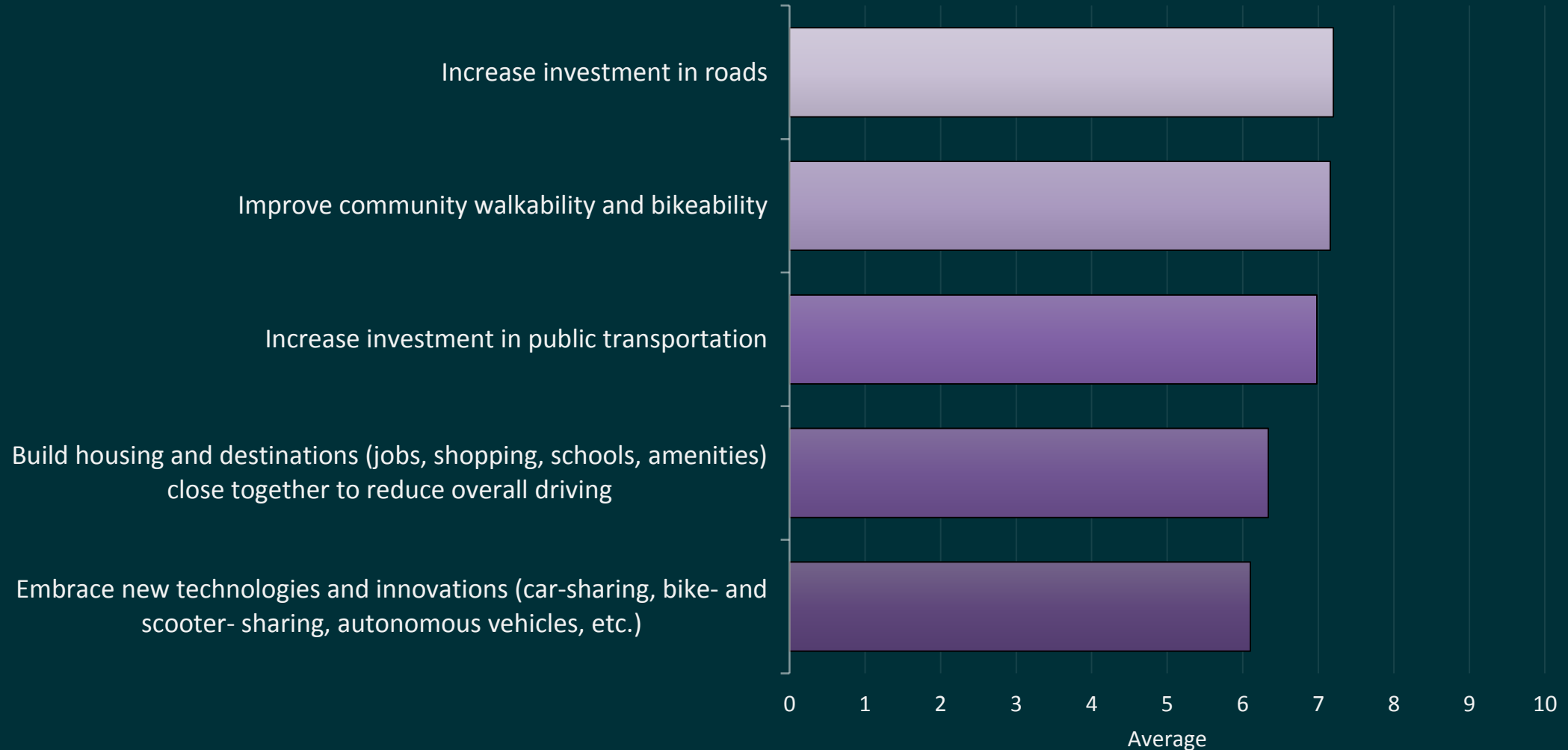
What percentage of growth should occur in each sector of Utah County?



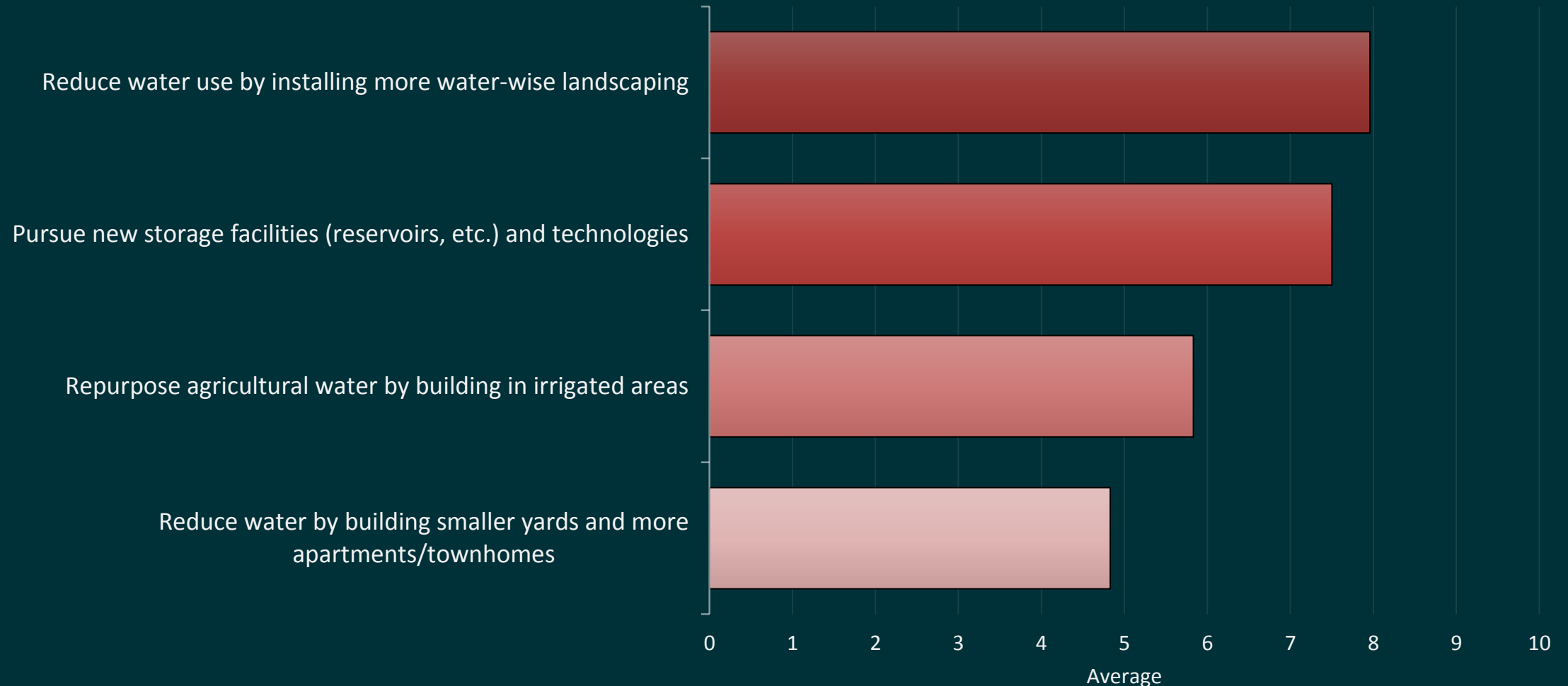
How much should we invest in each transportation type?



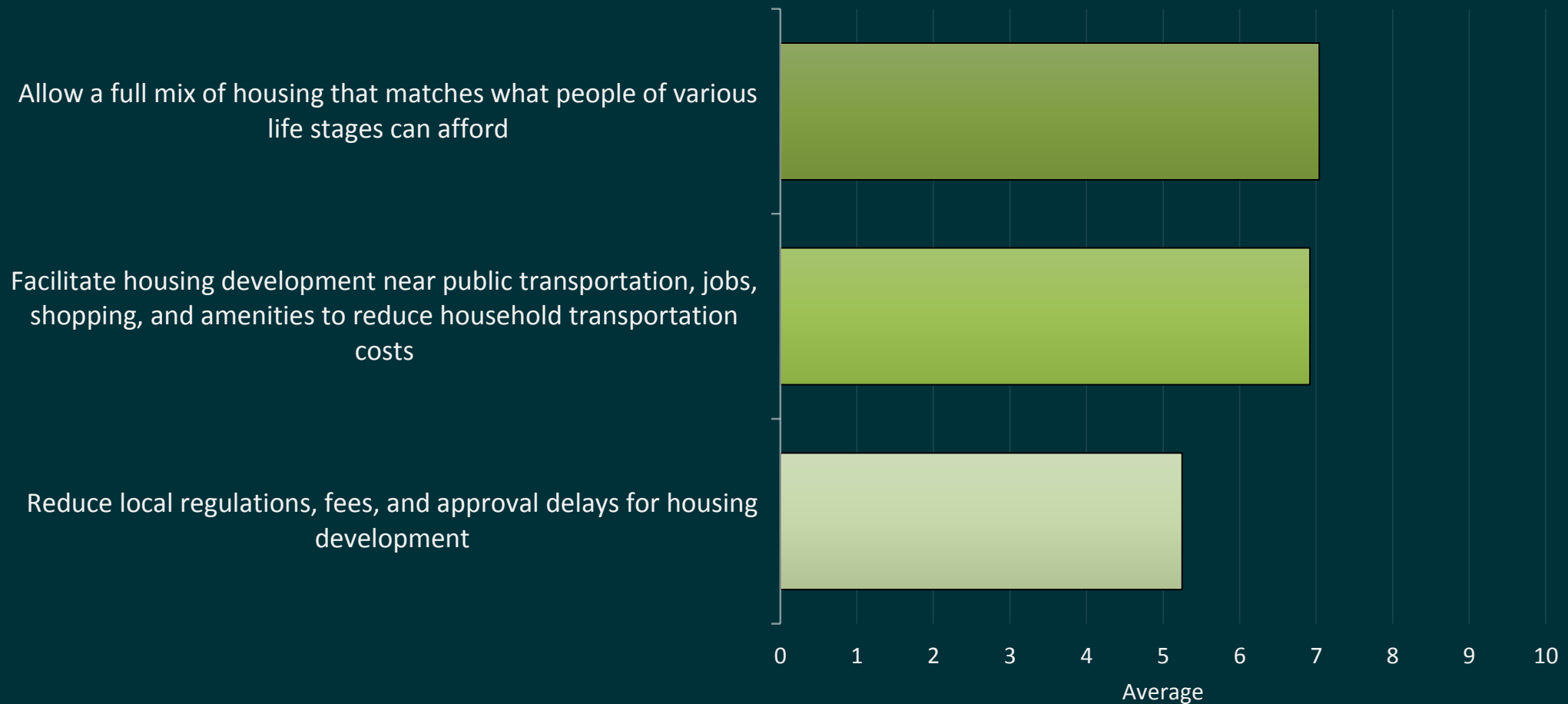
How much emphasis should be put on each of the following strategies for managing transportation and mobility?



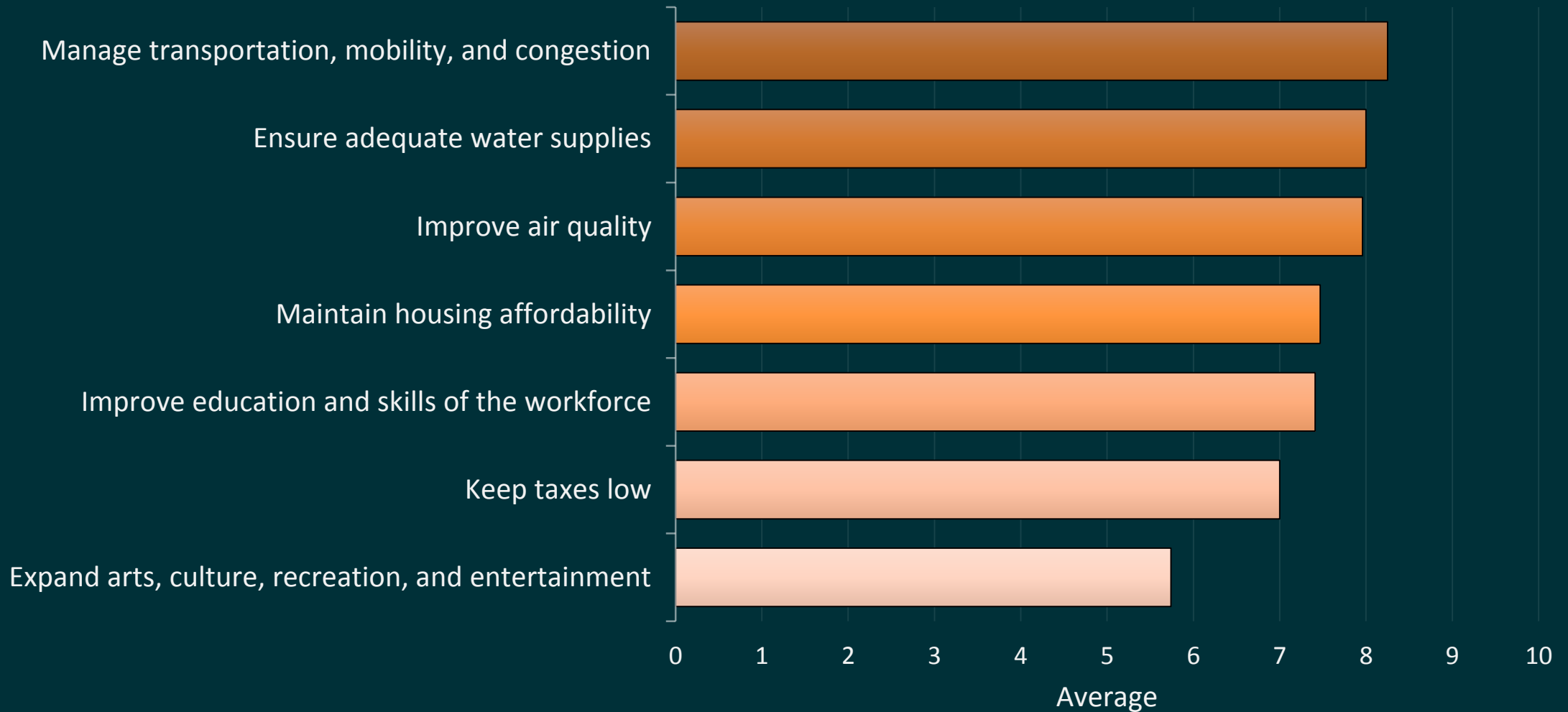
Please rate strategies for securing water for additional population?



Please rate strategies for maintaining affordability



Please rate strategies for growing and attracting good jobs



806 thoughts,
concerns and
ideas



Mapping Exercise Results

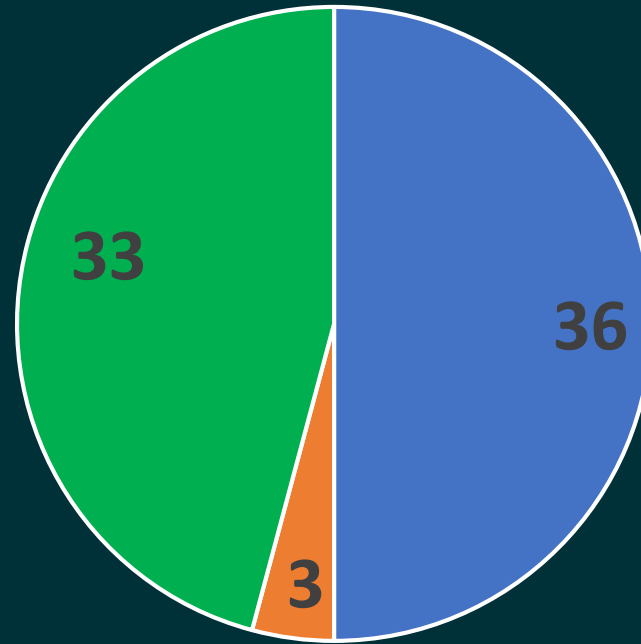


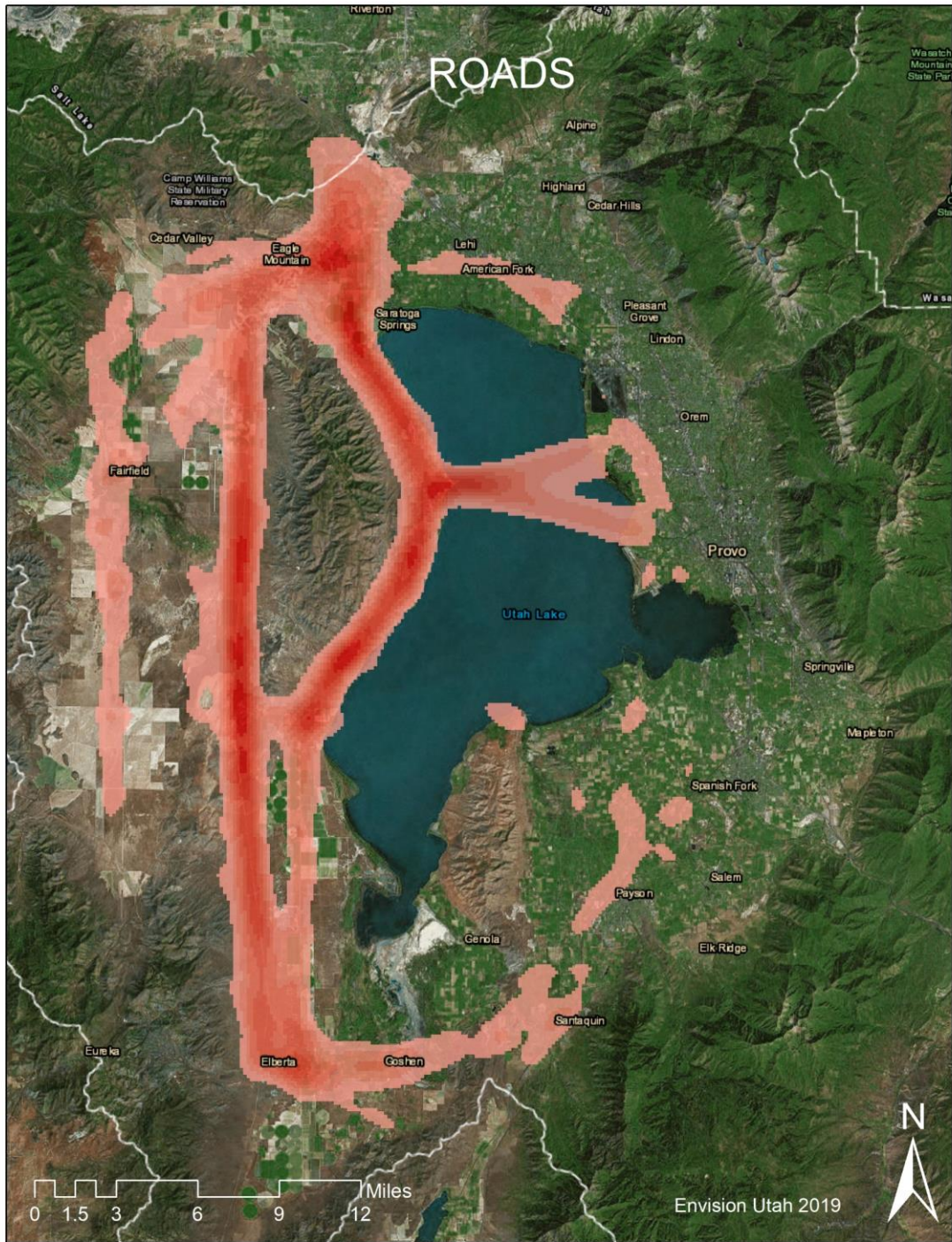
Mapping Exercise Chipsets

Centers = 36

Market = 33

Current = 3

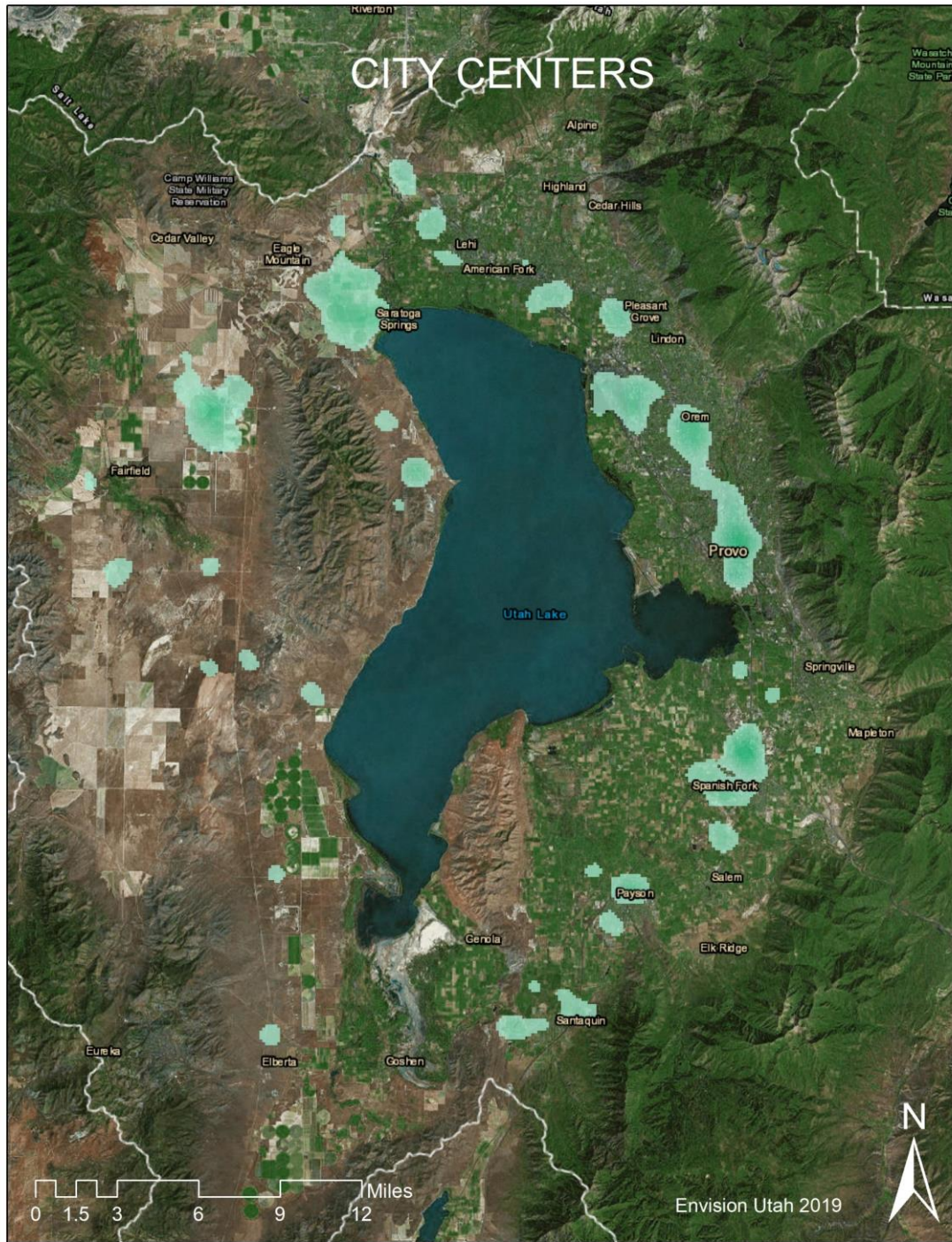




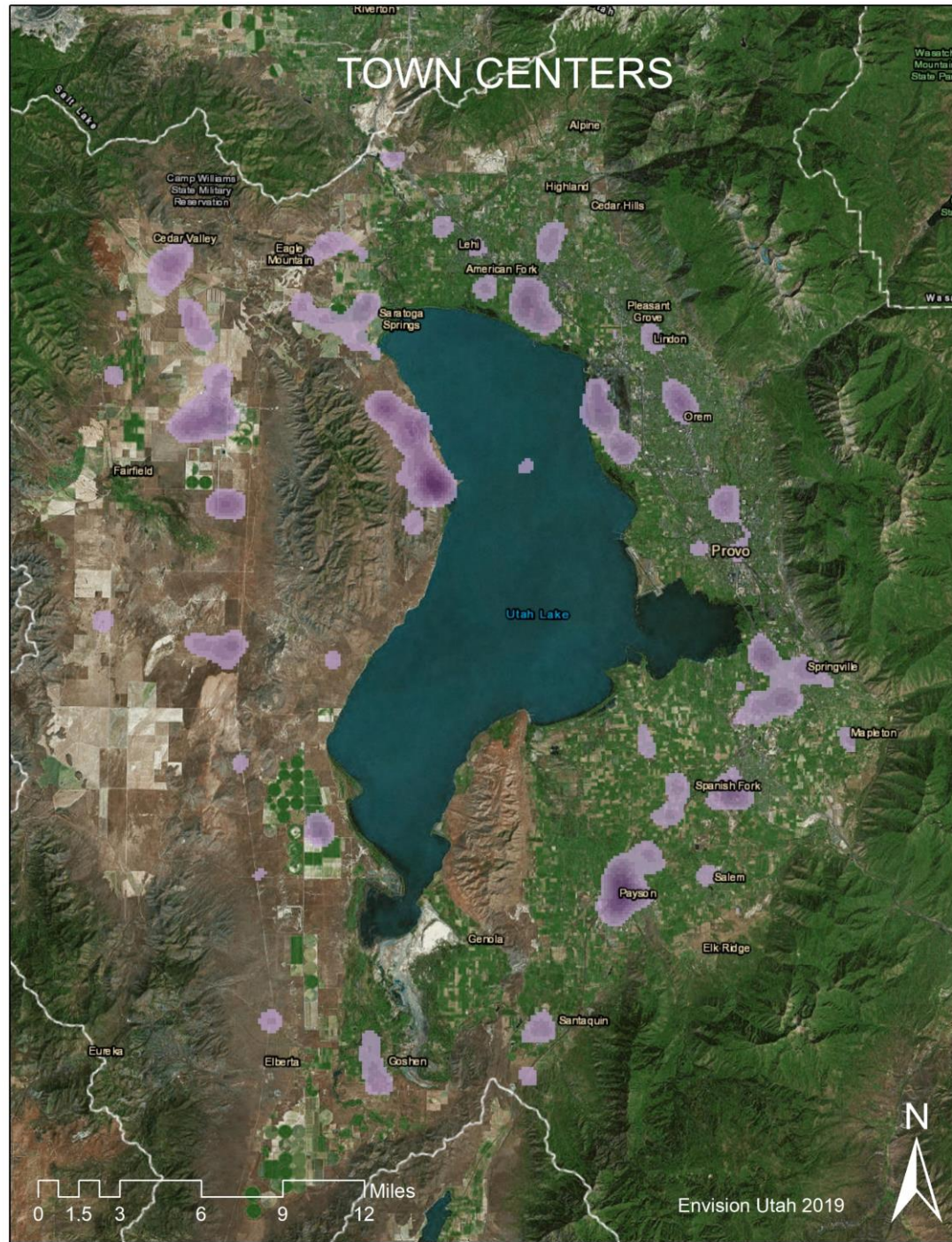
METRO CENTERS



CITY CENTERS



TOWN CENTERS



0 1.5 3 6 9 12 Miles

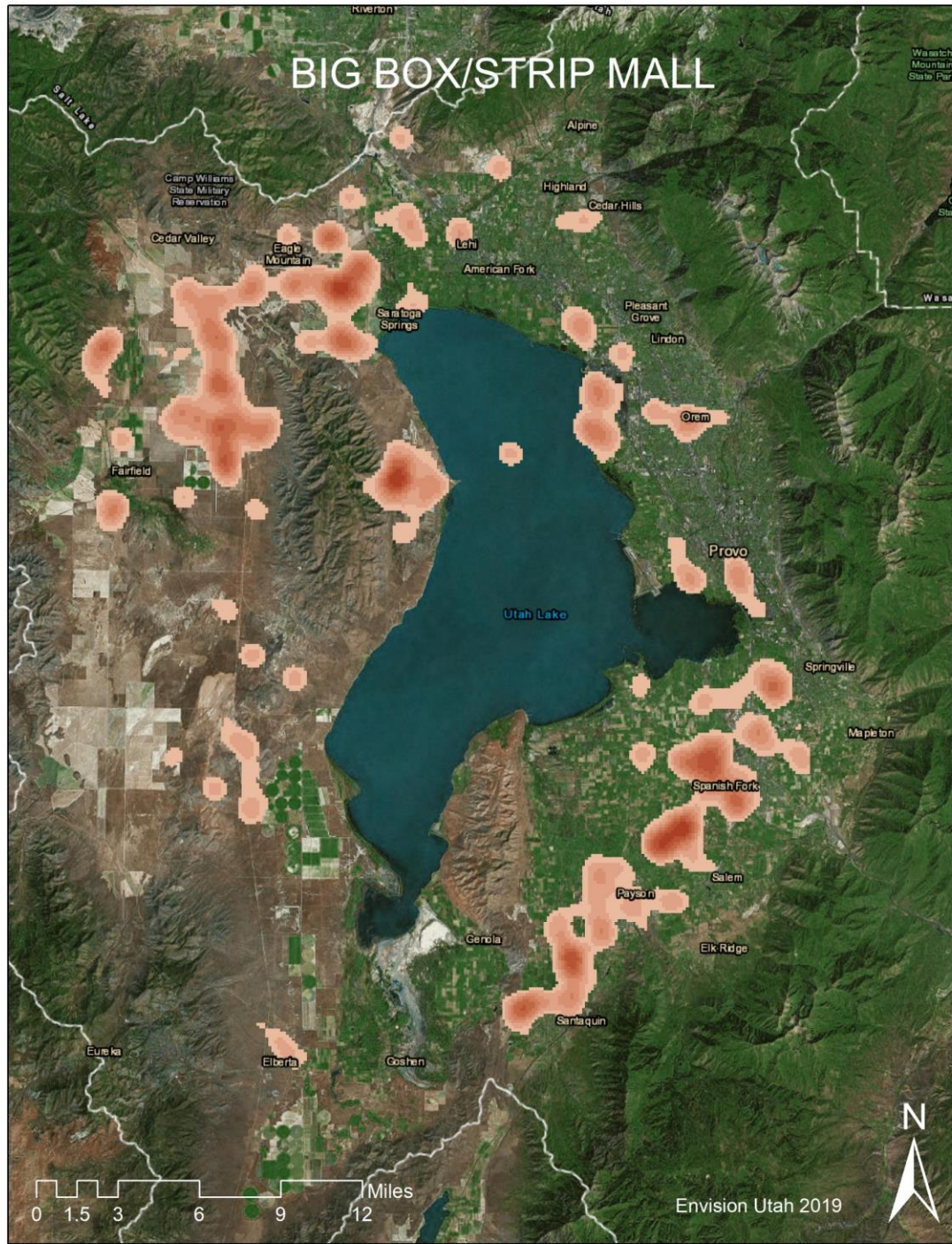
Envision Utah 2019



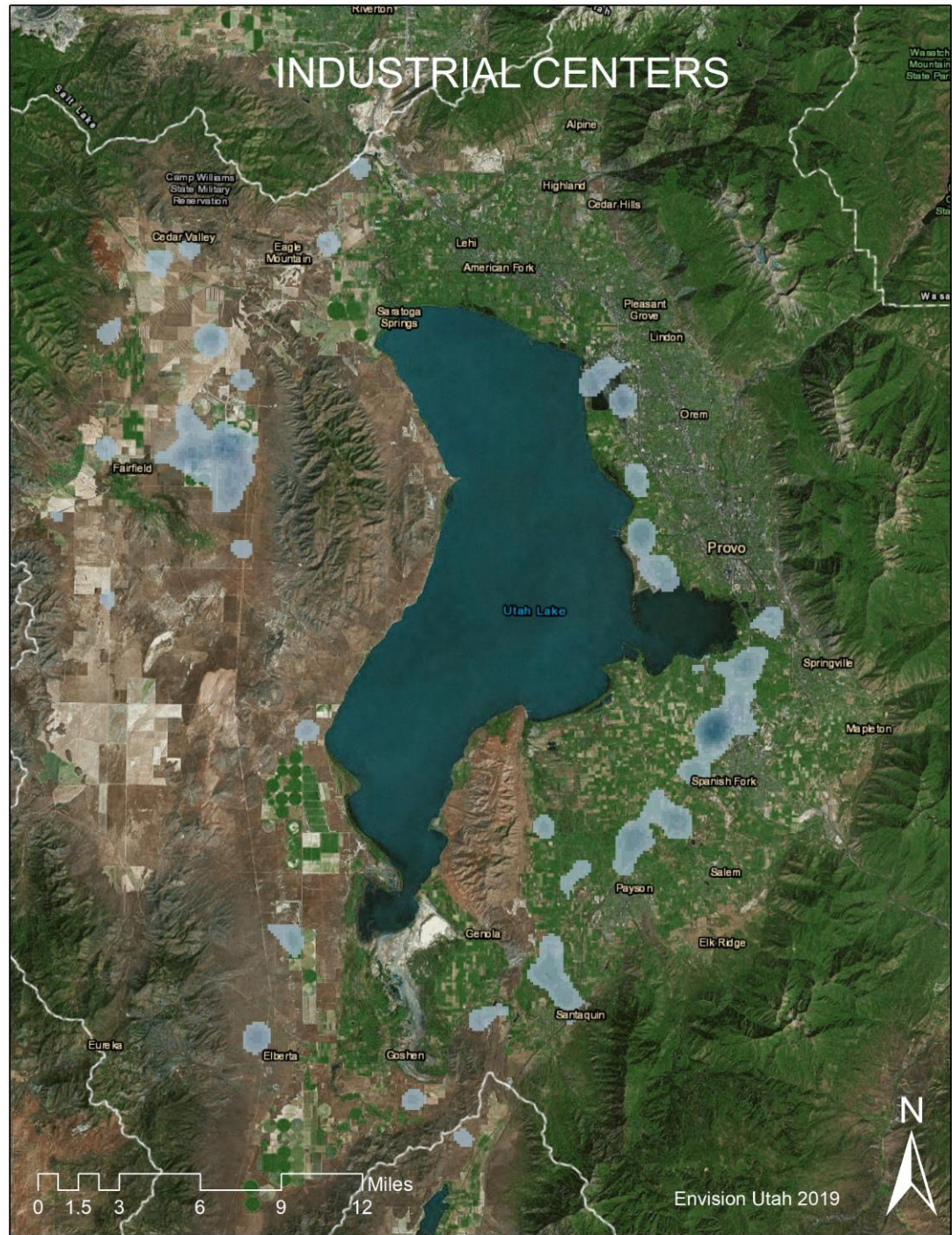
SUBURBAN JOB CENTERS



BIG BOX/STRIP MALL

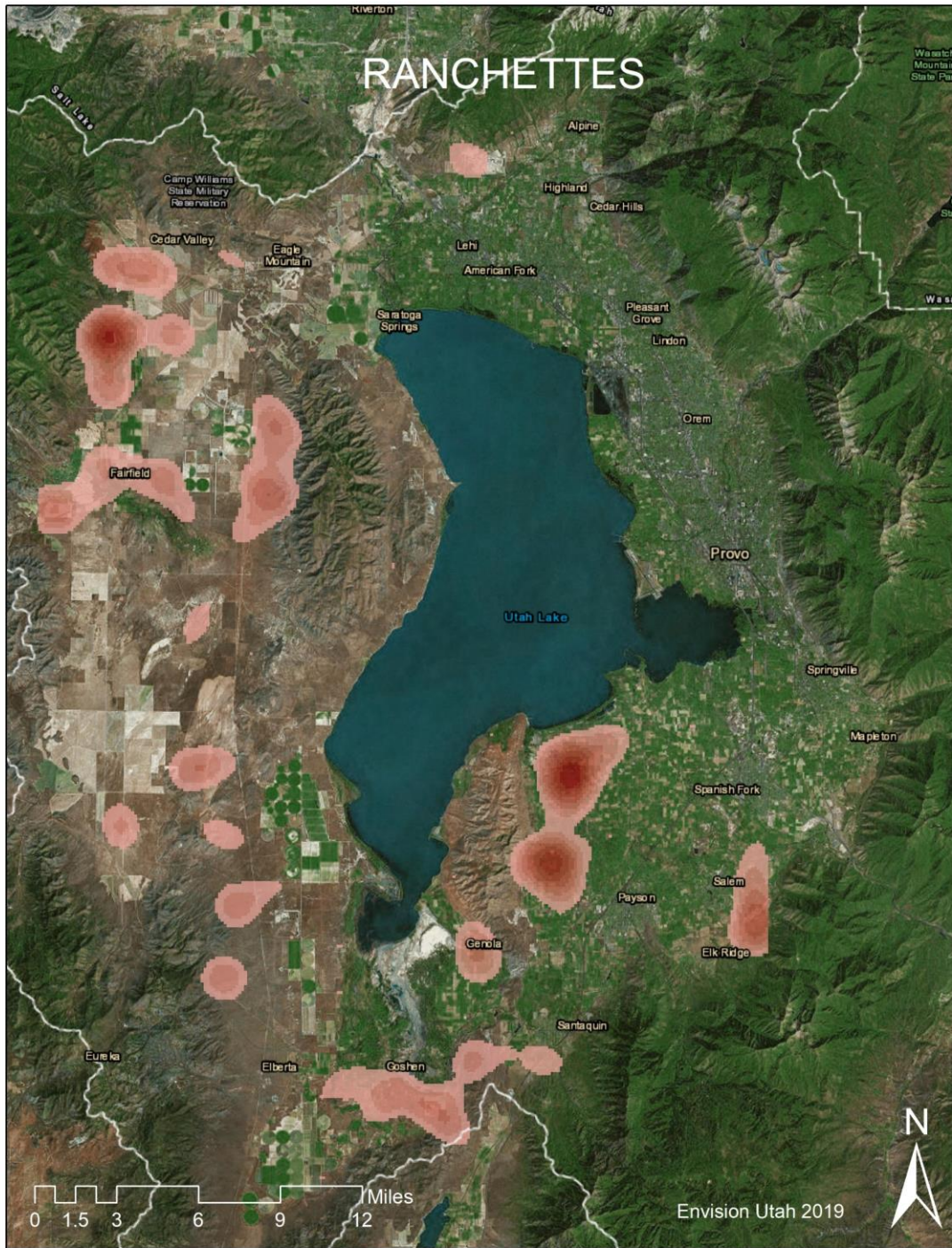


INDUSTRIAL CENTERS



Envision Utah 2019

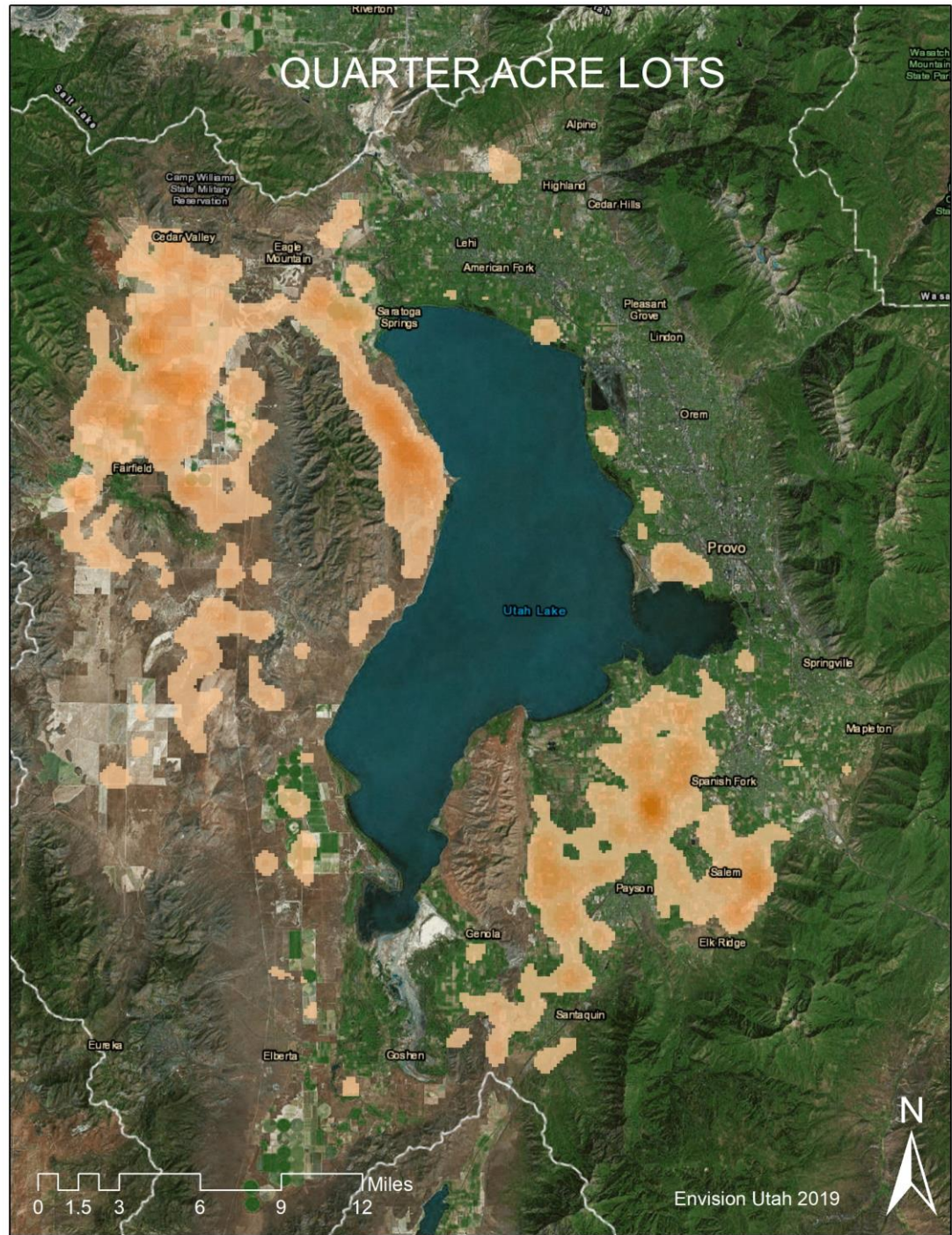
RANCHETTES



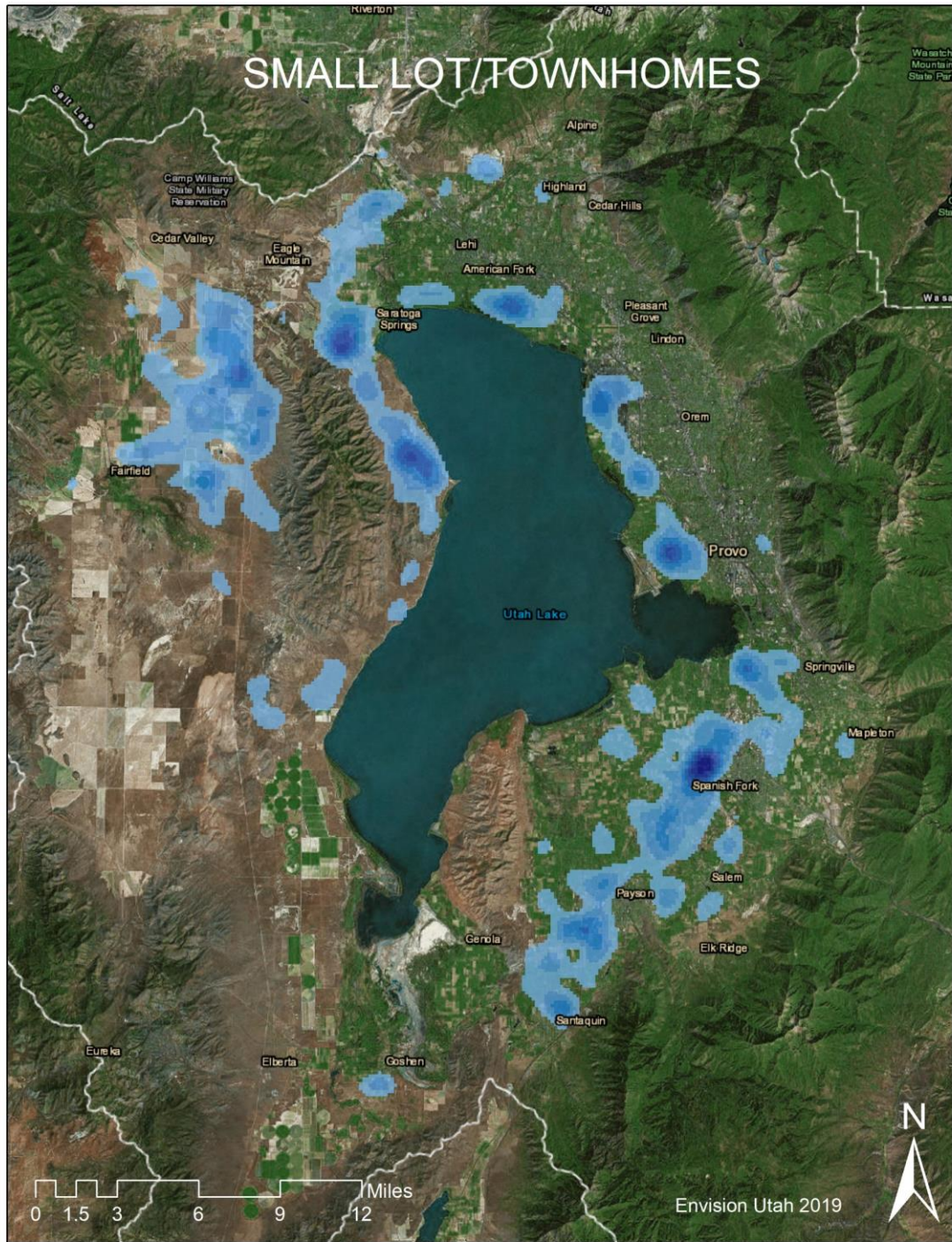
ONE ACRE LOTS



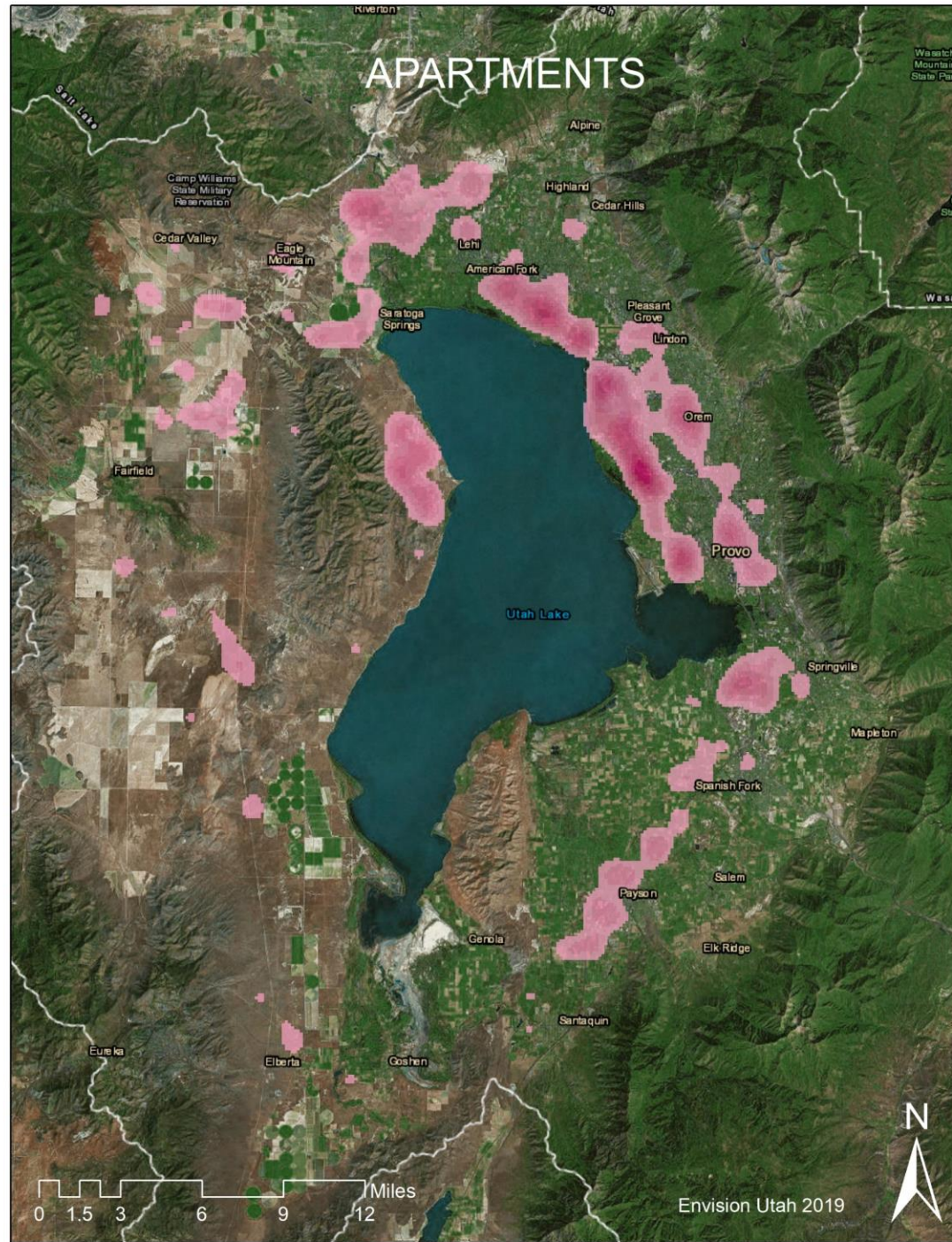
QUARTER ACRE LOTS



SMALL LOT/TOWNHOMES



APARTMENTS



Priority Groups

- Workforce and Education
- Housing
- Transportation
- Air Quality
- Water Quality and Quantity
- Agriculture & Open Space

Phase 1: Listening

Fall - Spring

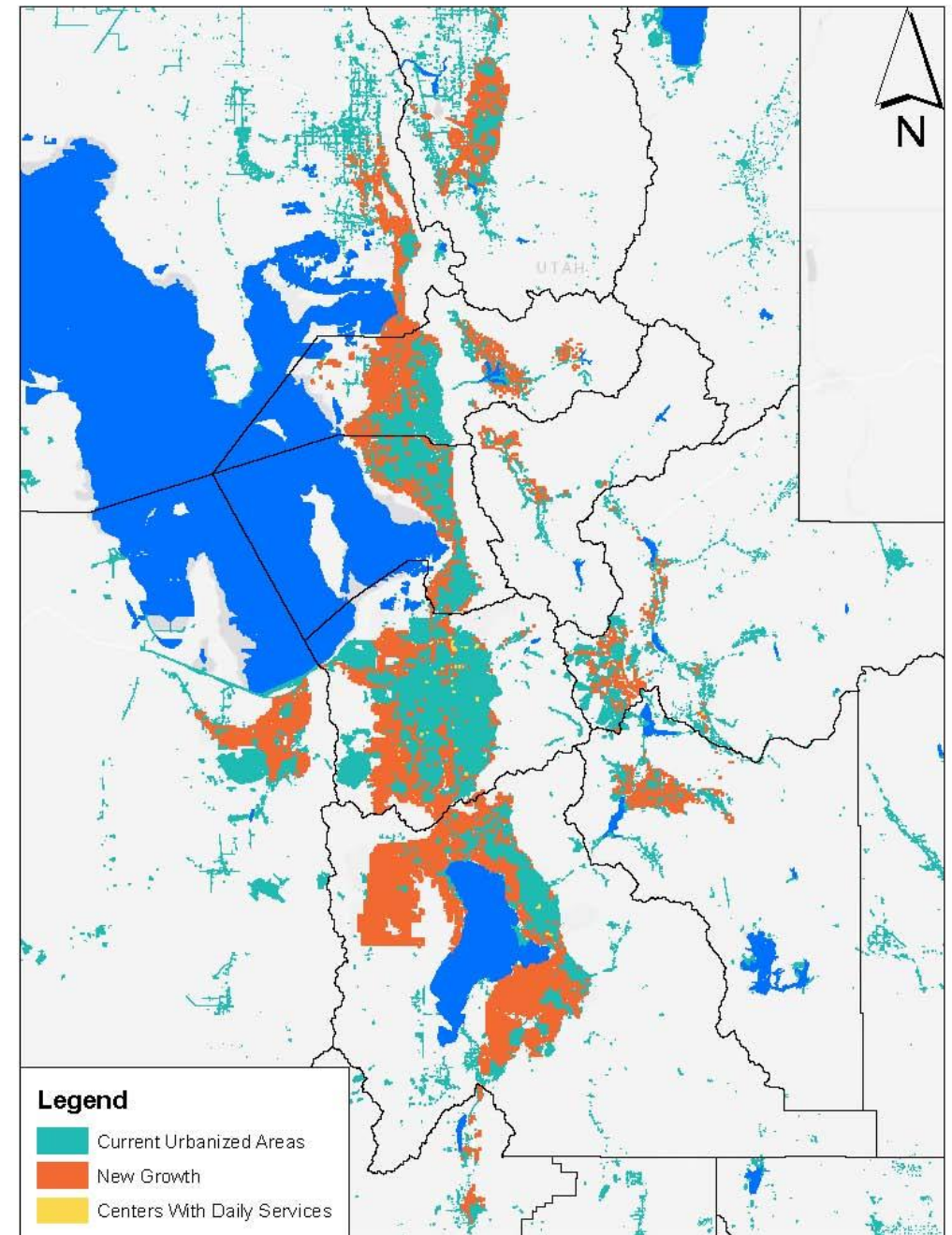
Phase 2: Scenarios

Now - Fall

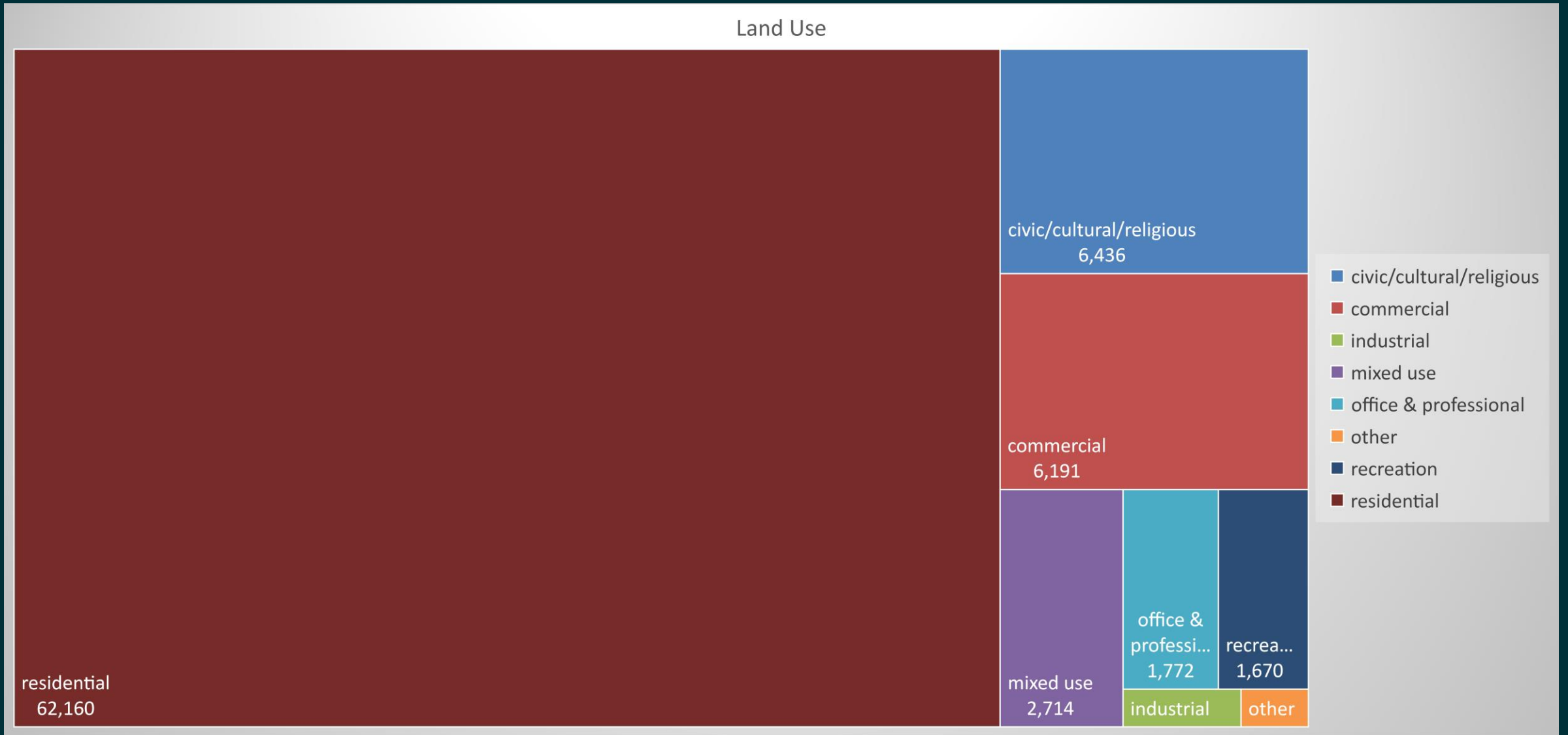
Phase 3: Vision

Early 2020

Where will the current trend take us?

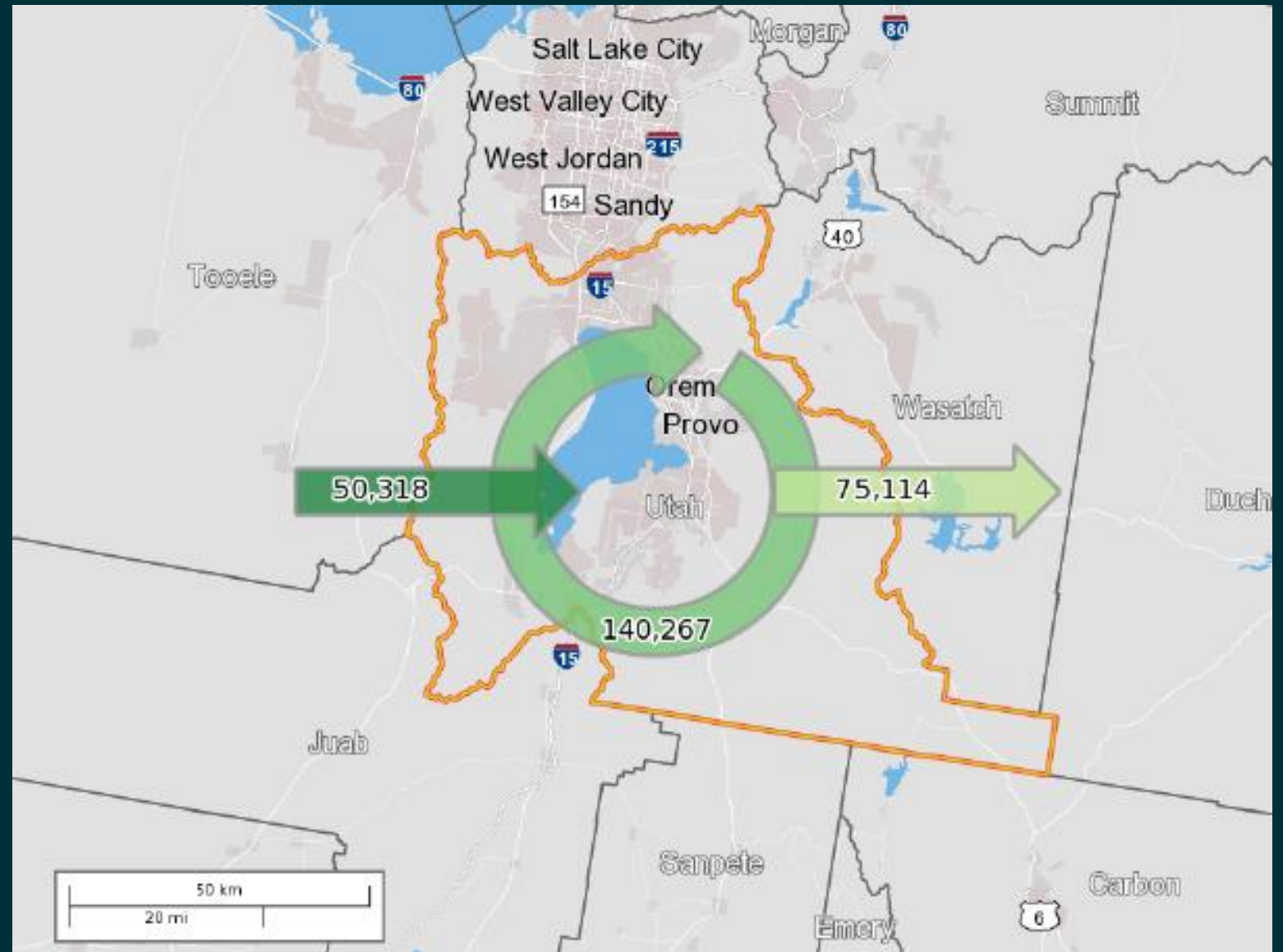


Utah County Developed Land: \approx 94,000 acres



50,000 people
come to Utah
County for work

75,000 people
leave Utah County
for work



Examples of live/work/play/learn communities

FARMINGTON STATION



DAYBREAK



GATEWAY

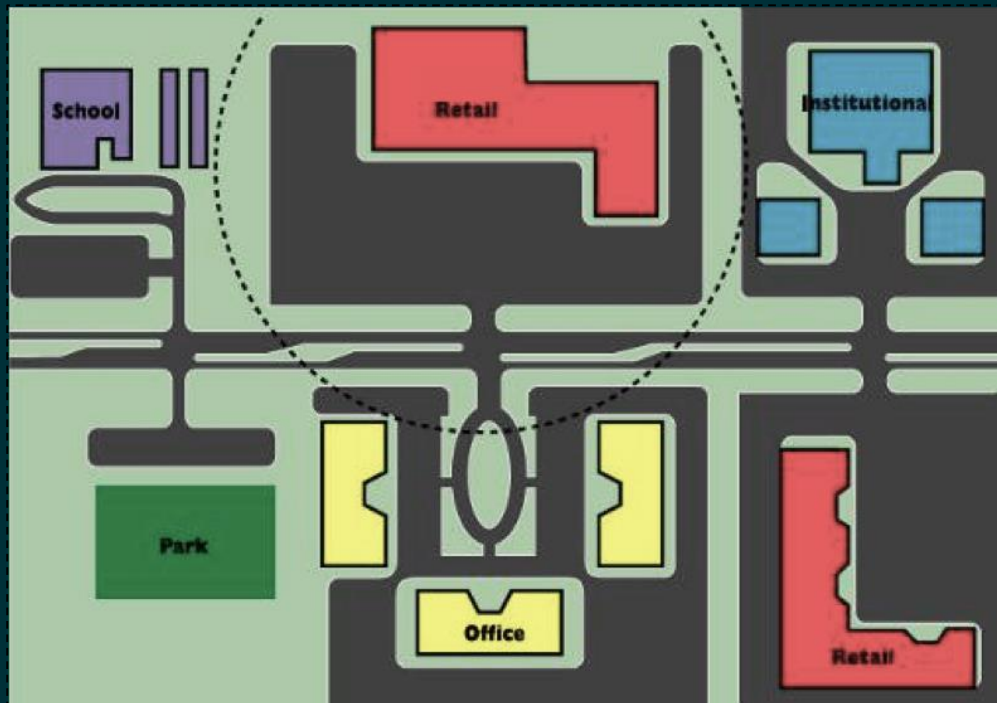


RIVERWOODS

WHAT IS A CENTER?

A MIX OF USES

A mixed-use center consists of two or more land uses between which trips can be made using local streets without having to use major streets. – Reid Ewing



CONNECTED STREET NETWORKS

Connected street networks provide shorter and more direct routes than disconnected cul-de-sacs and encourage walking and bicycling.

More direct routes result in less crowded streets.



% of development since 2010 that is <.5 miles from rail station

Multi- Family Units



43%

Hotel sq ft



42%

Office sq ft



37%

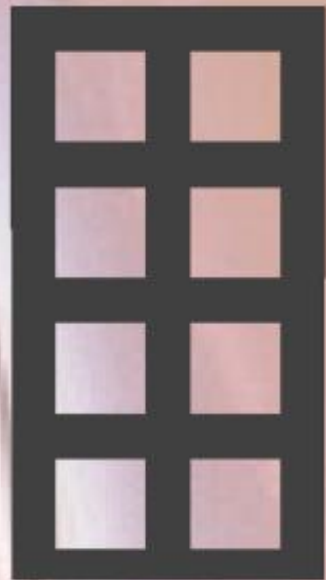
Retail sq ft



30%

Development in
Weber, Davis,
Salt Lake and Utah
counties

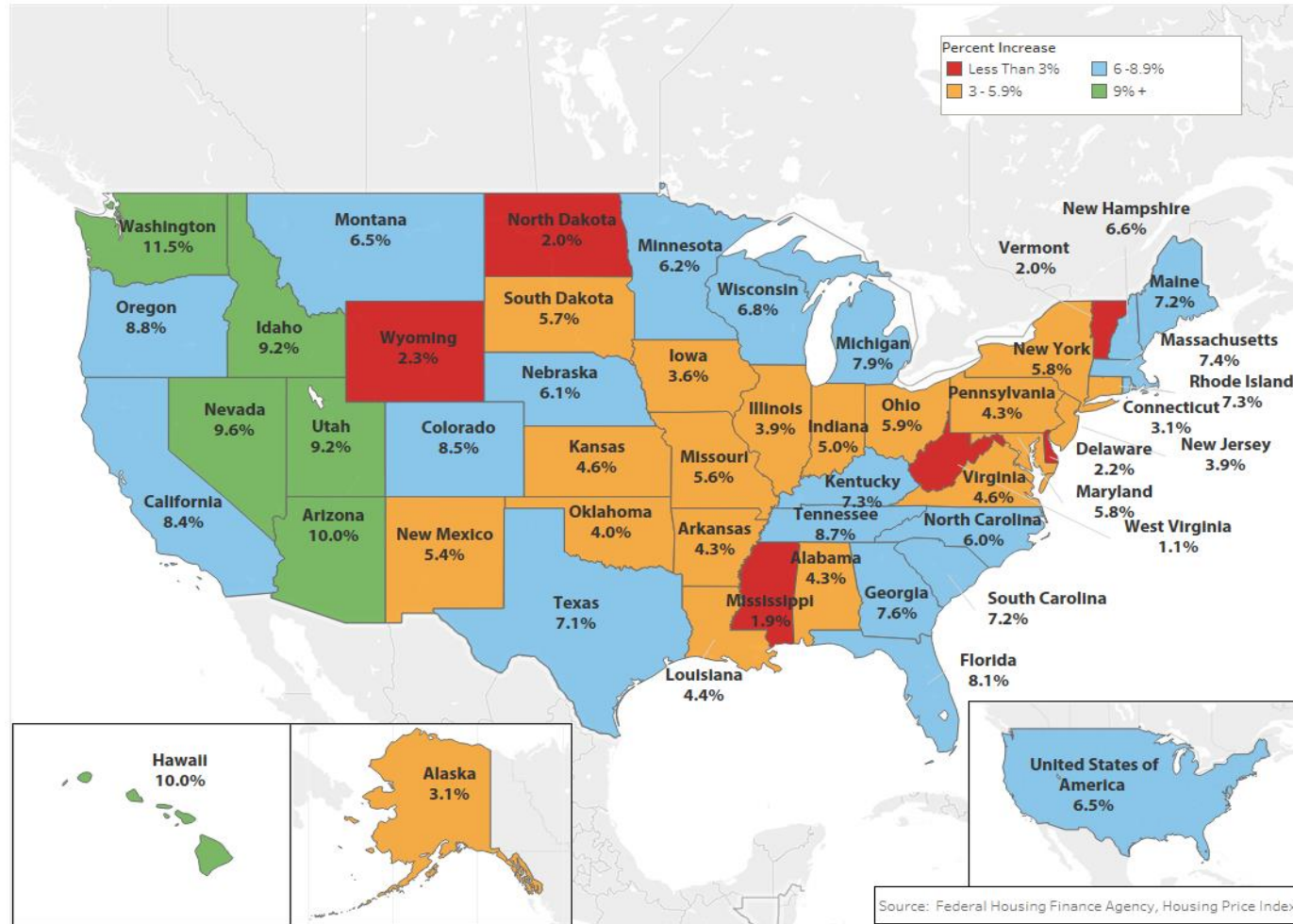
<.5 miles



=

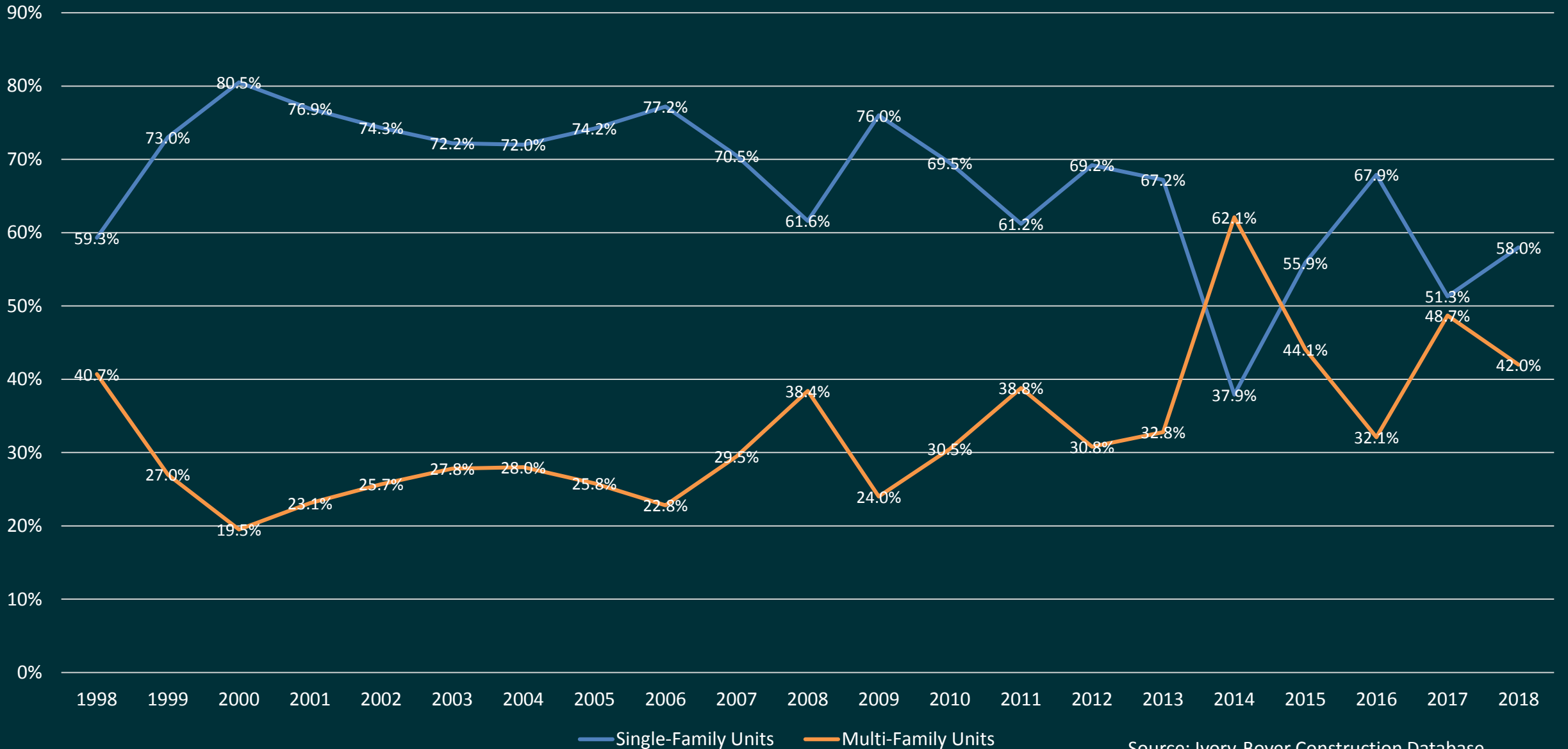
657,500
LESS DAILY
DRIVING MILES

Percent Change in Housing Price Index 2016 to 2017



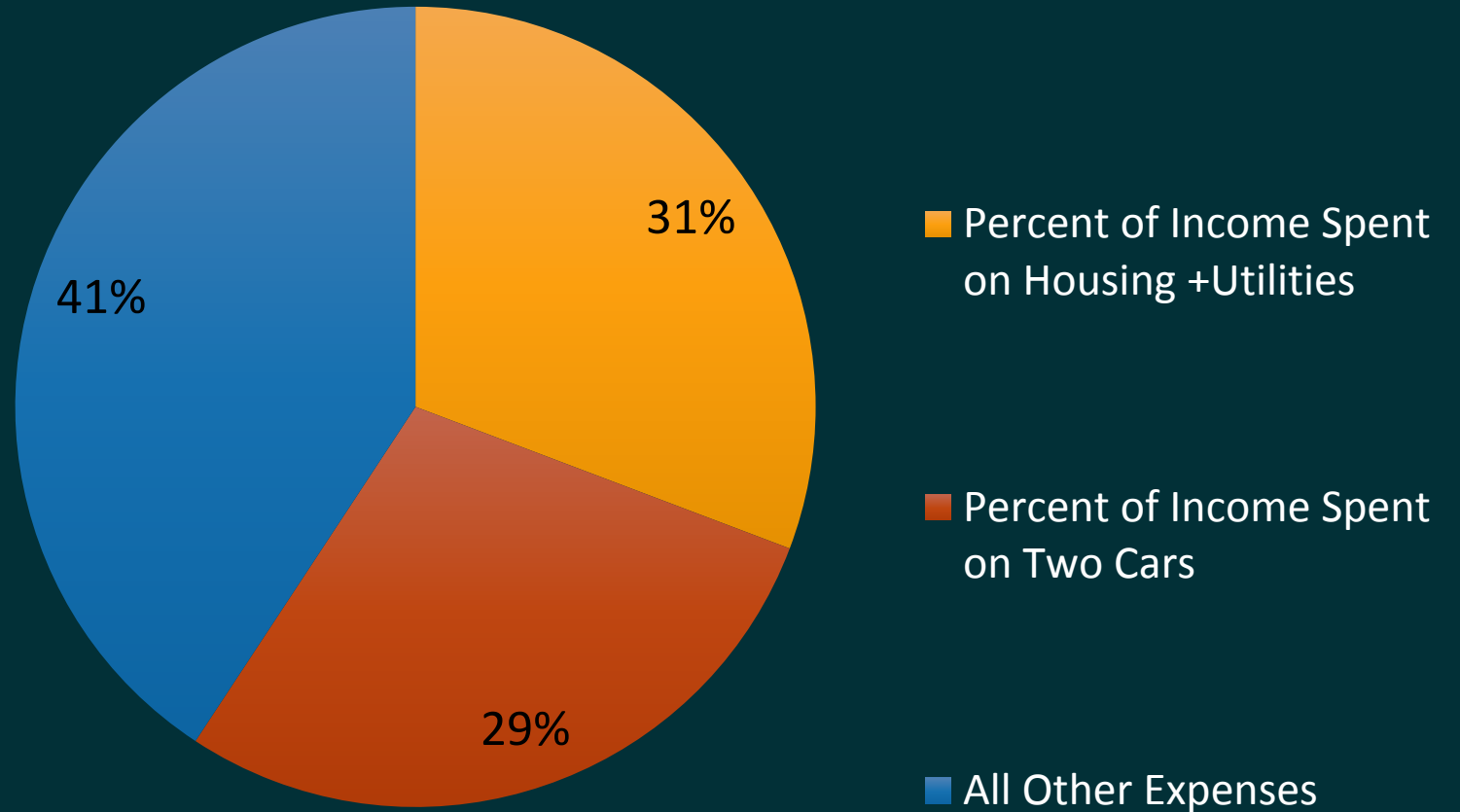
Source: Federal Housing Finance Agency.

Utah County Permitted Units



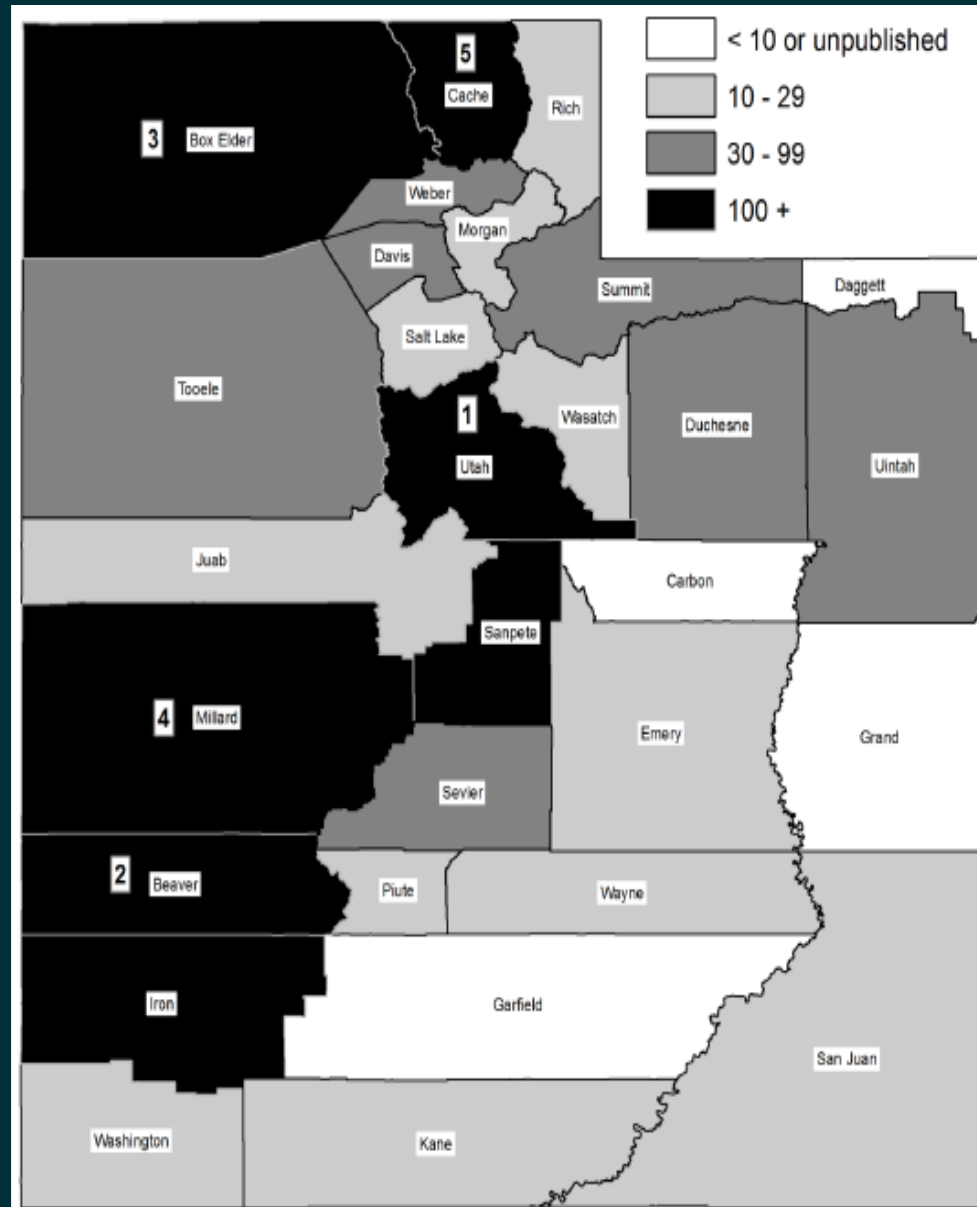
The Average Utah Household

- The average Utah single family household spends 60% of income on housing and transportation.
- 70% of Utah households have 2 or more cars

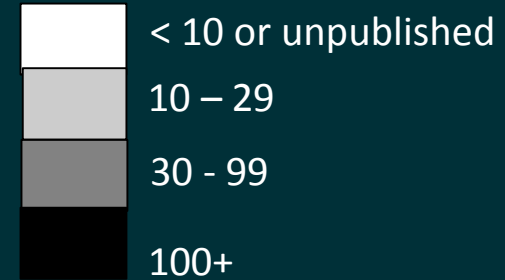


Utah Cash Receipts from Farming, 2012

Utah County is #1 in the state in cash receipts with \$245 Million



In Millions of \$



Counties above \$100 million:

Utah
Beaver
Box Elder
Millard
Cache
Sanpete
Iron

What is Strategic Visioning?

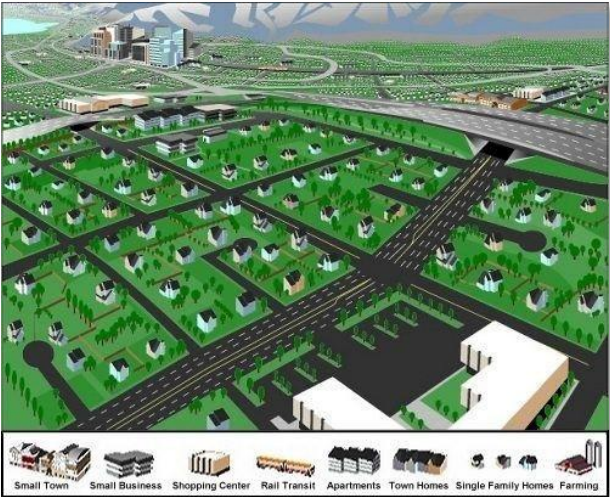


Analysis of alternative scenarios to make wise decisions in the face of uncertainty.

A vision is not a forecast, but a strategy to preserve best options.

Scenarios

- Contrast today's choices by showing long-term consequences



Why do Scenarios Planning?



To help the public and today's decision makers understand the long-term consequences of the choices they make now.

Framing the Issues for Scenarios

What does your community need, or what
are you afraid your community will lose
in the decades ahead?

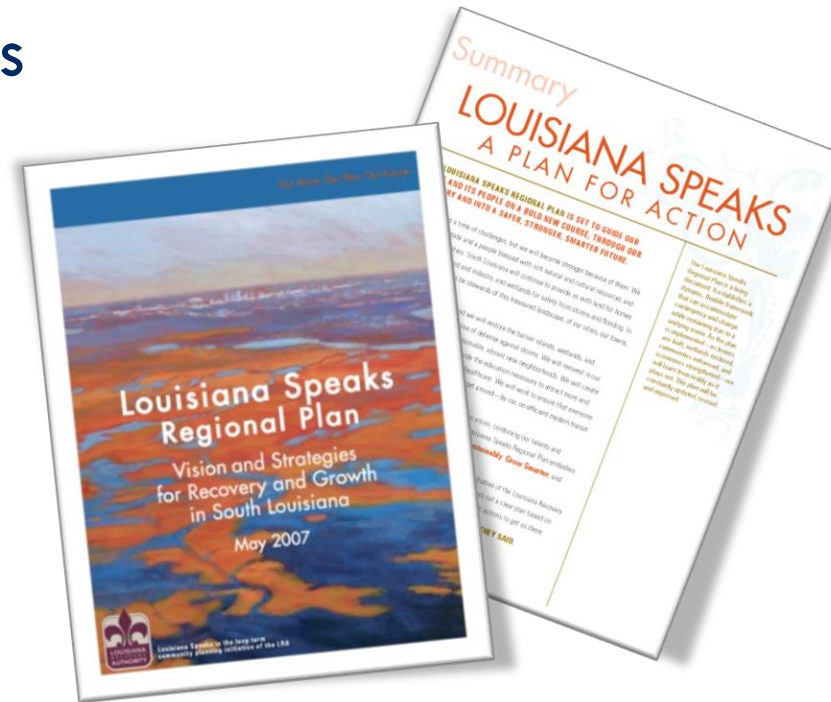
IF _____, THEN _____.

IF NOT _____, THEN _____.

LOUISIANA SPEAKS

- Visioning for Southern Louisiana
- Disaster resilience issues

***Our Voice. Our
Plan. Our Future.***



Hurricane Impacts Were the Key Driver for the Plan



Hurricane Rita
22 September 2005

Hurricane Katrina
28 August 2005

The Bowl of New Orleans











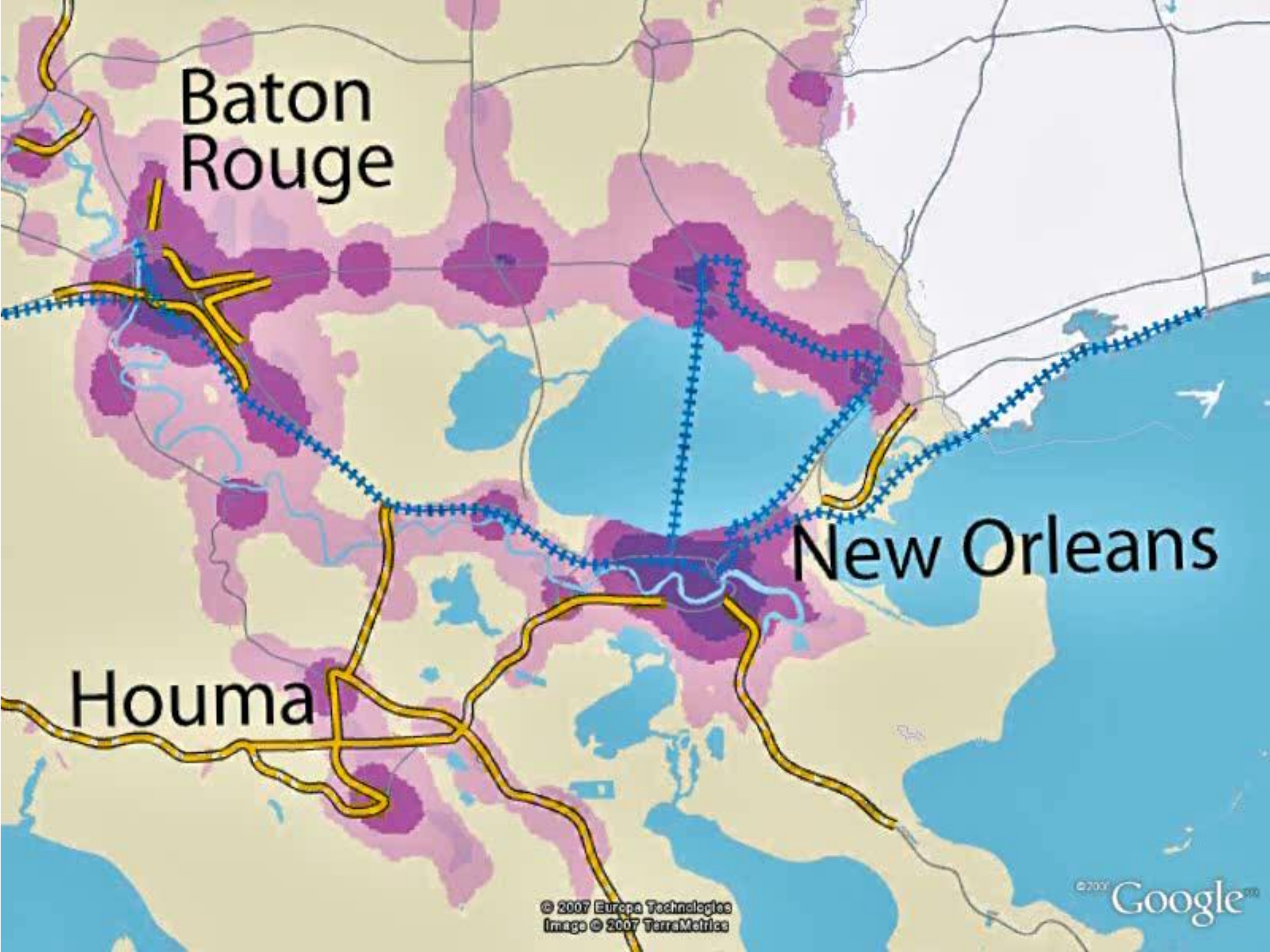
Baton Rouge

New Orleans

Houma

Image © 2007 TerraMetrics
© 2007 Europa Technologies

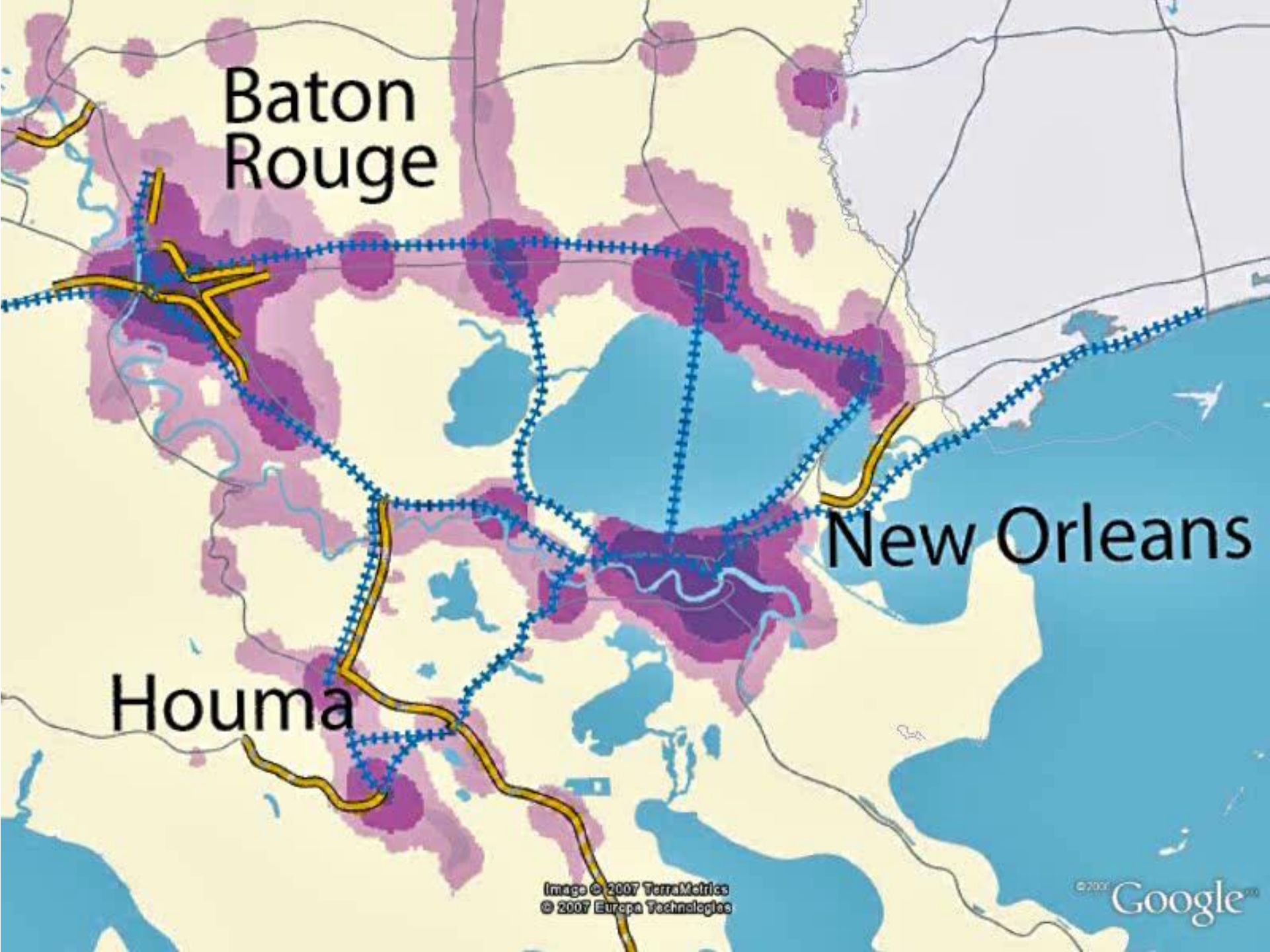
© 2007 Google



Baton Rouge

New Orleans

Houma



Baton Rouge

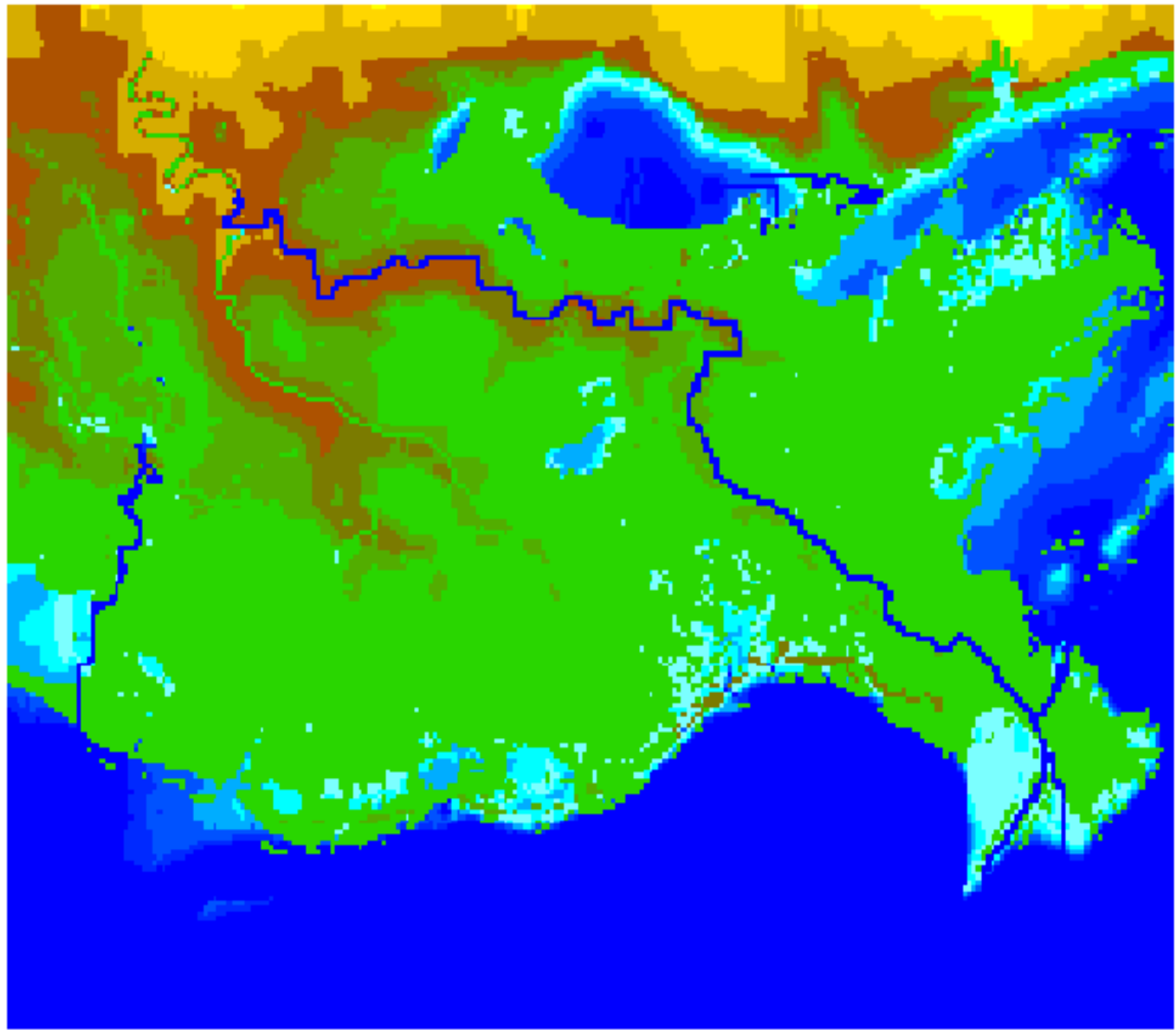
New Orleans

Houma

Image © 2007 TerraMetrics
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Topography (1839)

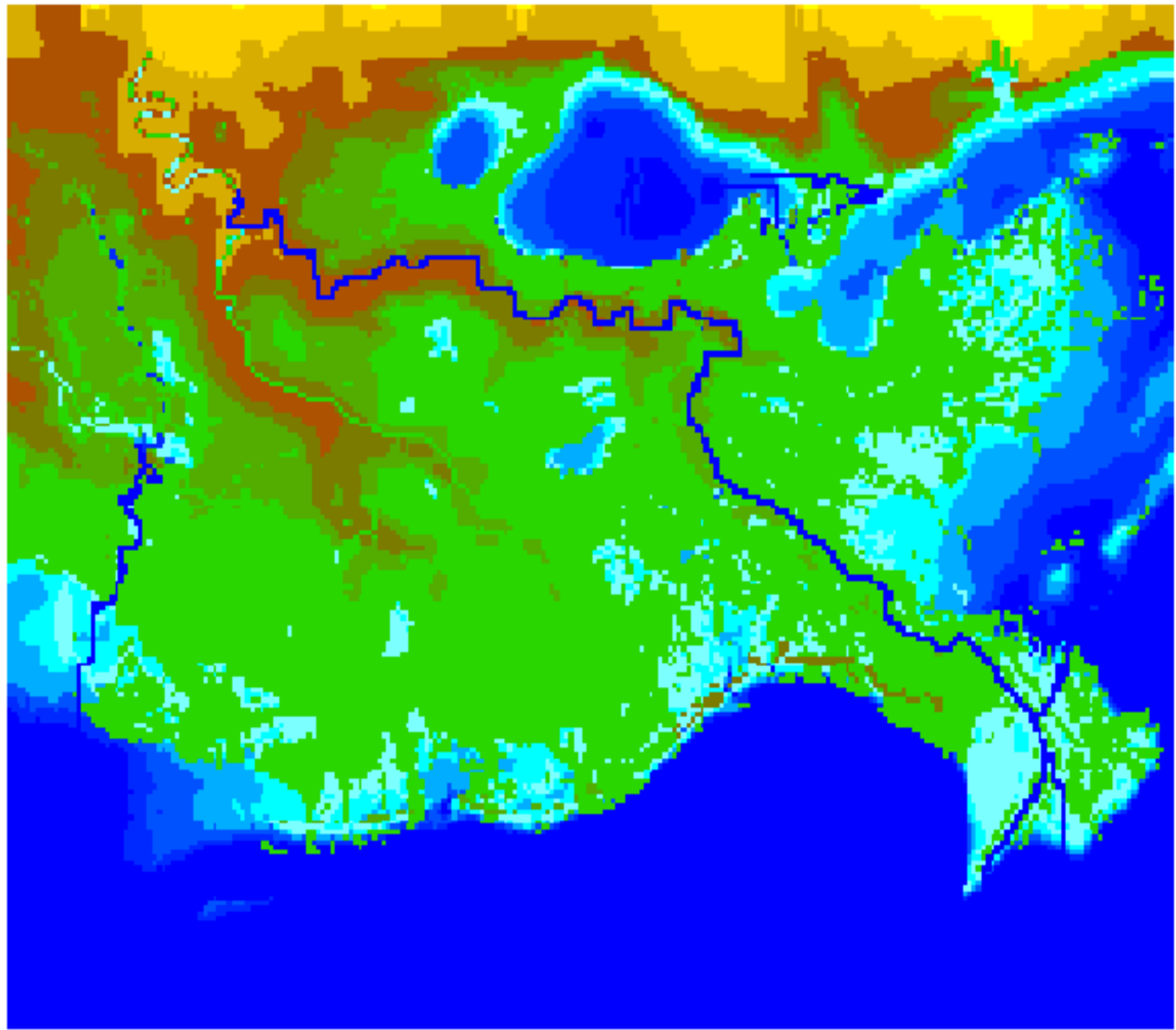


Legend

- > 16 ft Water
- > 15 ft Water
- > 12 ft Water
- > 10 ft Water
- > 8 ft Water
- > 6 ft Water
- > 4 ft Water
- > 2 ft Water
- > 0 ft Land
- > 2 ft Land
- > 4 ft Land
- > 8 ft Land
- > 16 ft Land
- > 32 ft Land
- > 64 ft Land



Topography (1870)

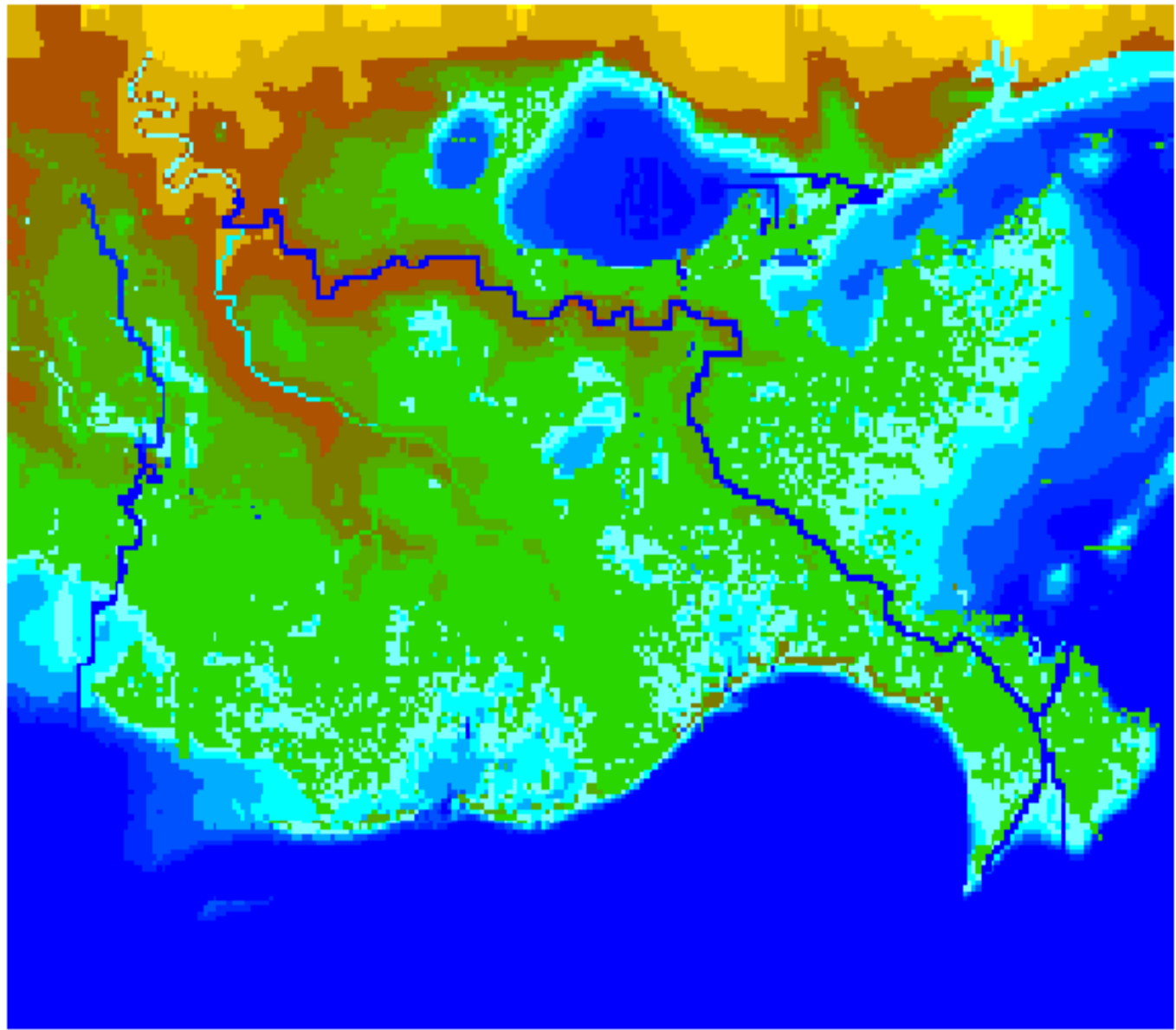


Legend

- > 18 ft Water
- > 16 ft Water
- > 12 ft Water
- > 8 ft Water
- > 6 ft Water
- > 3 ft Water
- > 0 ft Water
- > 0 ft Land
- > 2 ft Land
- > 4 ft Land
- > 8 ft Land
- > 16 ft Land
- > 32 ft Land
- > 64 ft Land



Topography (1930)

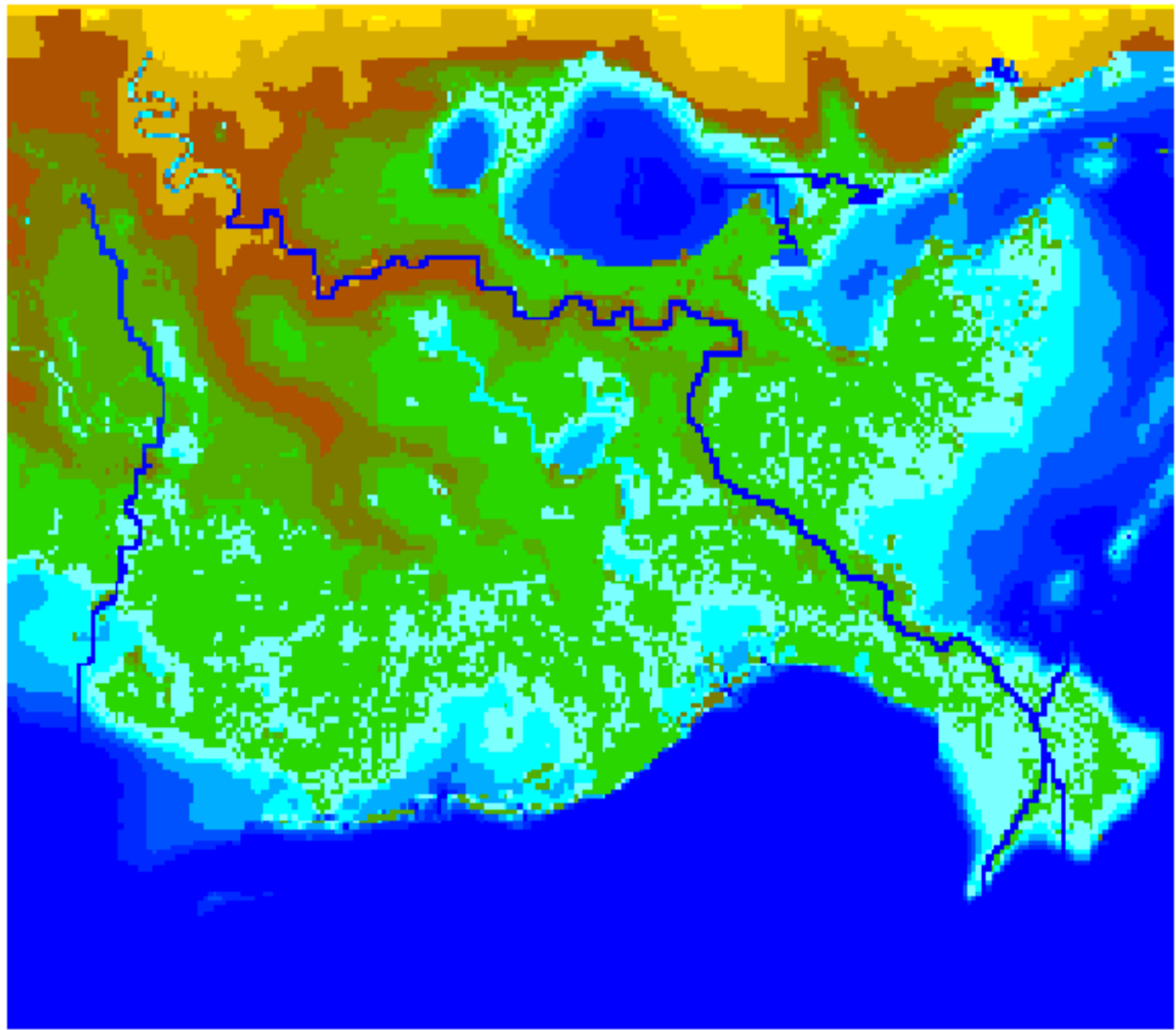


Legend

- > 18 ft Water
- > 15 ft Water
- > 12 ft Water
- > 9 ft Water
- > 6 ft Water
- > 3 ft Water
- > 0 ft Water
- > 0 ft Land
- > 2 ft Land
- > 4 ft Land
- > 6 ft Land
- > 8 ft Land
- > 10 ft Land
- > 22 ft Land
- > 64 ft Land



Topography (1993 - Base)

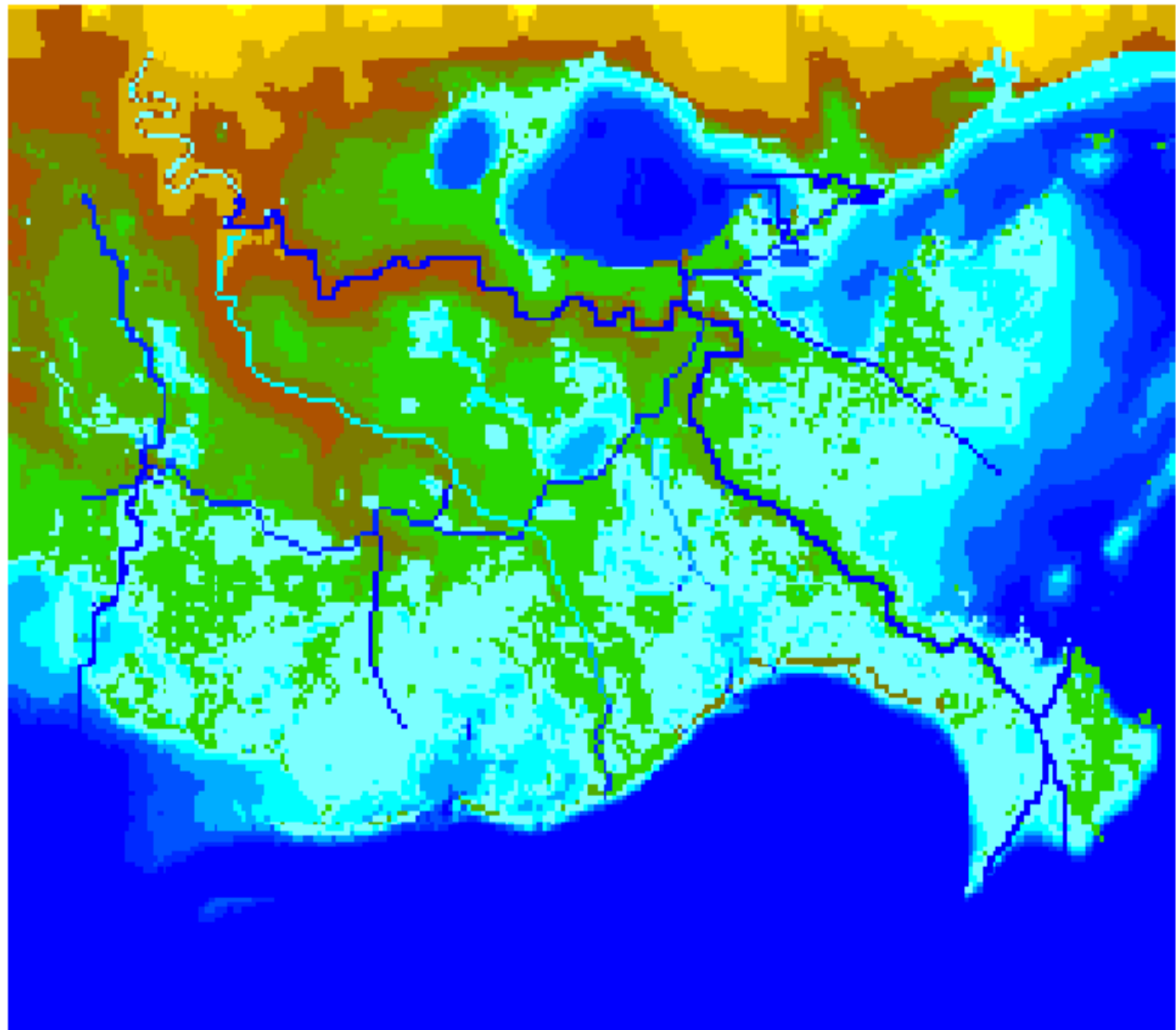


Legend

- > 8 ft Water
- > 16 ft Water
- > 24 ft Water
- > 32 ft Water
- > 40 ft Water
- > 48 ft Water
- > 56 ft Water
- > 64 ft Water
- > 0 ft Land
- > 2 ft Land
- > 4 ft Land
- > 6 ft Land
- > 8 ft Land
- > 10 ft Land
- > 22 ft Land
- > 64 ft Land



Topography (2020)



Legend

- > 8 ft Water
- > 16 ft Water
- > 24 ft Water
- > 32 ft Water
- > 40 ft Water
- > 48 ft Water
- > 56 ft Water
- > 64 ft Water
- > 0 ft Land
- > 2 ft Land
- > 4 ft Land
- > 6 ft Land
- > 8 ft Land
- > 10 ft Land
- > 22 ft Land
- > 34 ft Land



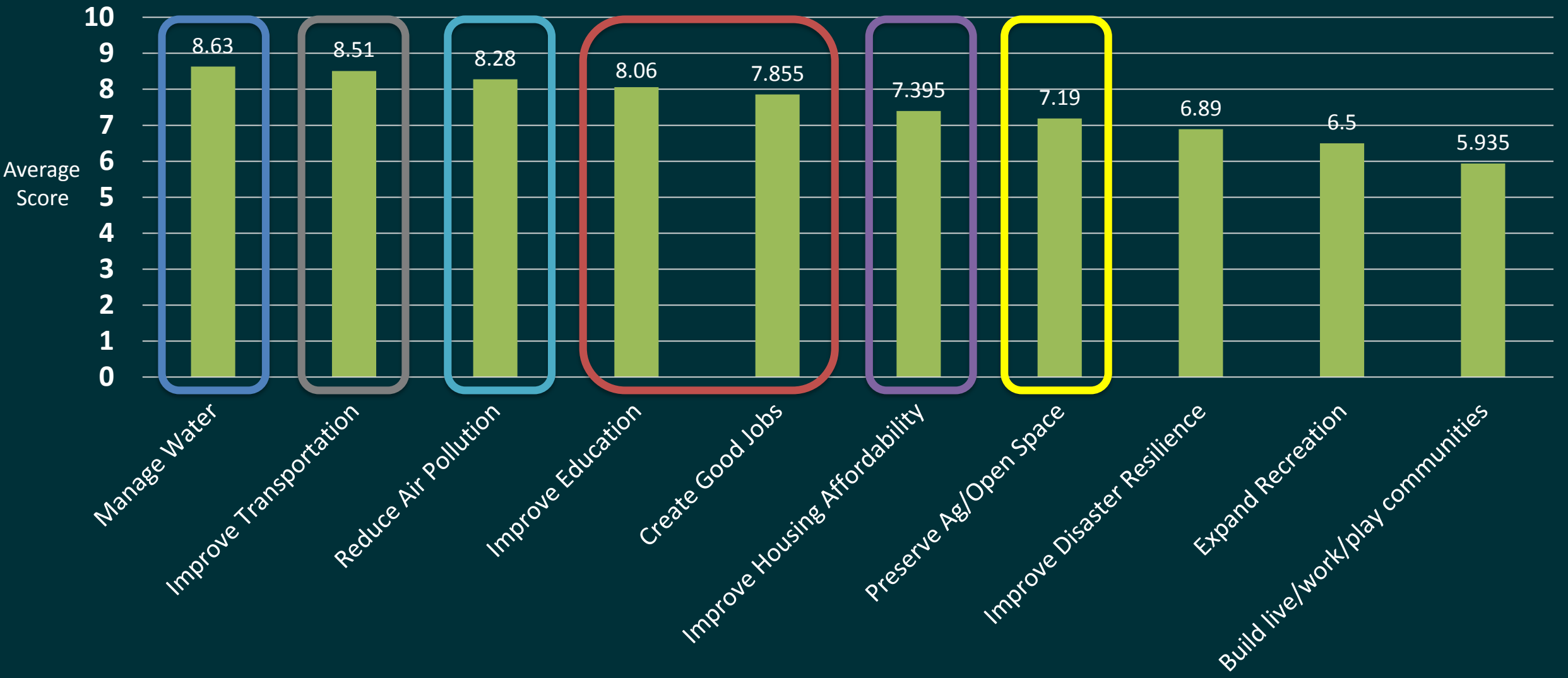
Framing the Issues for Scenarios



If Southern Louisiana does not deal with its erosion and wetland loss issues, **then** the next hurricane will cause ...

If Southern Louisiana does deal with its erosion and wetland loss issues, **then** the next hurricane will not cause ...

Utah County is projected to double in population by 2050. The vast majority of that growth will be from new births. In light of growth, how important to prioritize are the following outcomes for Utah County's future (on a scale from 1 to 10)?



Results from online survey and workshops.

Priority Groups

- Workforce and Education
- Housing
- Transportation
- Air Quality
- Water Quality and Quantity
- Agriculture & Open Space

Your Assignment

- As a group identify key variables (*the ifs*) and metrics (*the thens*) related to your topic
- Prioritize the top 10 suggestions
- Report back and vote on top ideas for modeling

Workforce and Education

1st Choice

- 13% A. Support small businesses (education, research)
- 11% B. Remarket education (all higher education options)
- 3% C. Provide mental health support within schools
- 3% D. Redistrict schools for intentional resource allocation
- 7% E. Redistribute college growth throughout county
- 12% F. Connect educational pathways without cul de sacs
- 7% G. Enhance the prestige of careers beyond tech
- 6% H. Diversify industry needs by diversifying companies
- 13% I. Connect and coordinate players (gov, employers, etc)
- 25% J. Retain and attract quality teachers (K – 12)

Workforce and Education

2nd Choice

- 12% A. Support small businesses (education, research)
- 10% B. Remarket education (all higher education options)
- 8% C. Provide mental health support within schools
- 4% D. Redistrict schools for intentional resource allocation
- 7% E. Redistribute college growth throughout county
- 8% F. Connect educational pathways without cul de sacs
- 11% G. Enhance the prestige of careers beyond tech
- 4% H. Diversify industry needs by diversifying companies
- 16% I. Connect and coordinate players (gov, employers, etc)
- 20% J. Retain and attract quality teachers (K – 12)

Housing

1st Choice

- 14% A. Allow for accessory dwelling units in zoning
- 30% B. Allow for mixed housing types with public open space
- 1% C. Build smaller lots
- 11% D. Build smaller single family homes
- 3% E. Variable development fees
- 14% F. Zone for multiplex and multifamily
- 12% G. Utilize county as convener for housing
- 2% H. Create and support land trust/land leasing
- 12% I. Emphasize transit oriented development
- 2% J. Marketing to influence demand

Housing

2nd Choice

- 4% A. Allow for accessory dwelling units in zoning
- 29% B. Allow for mixed housing types with public open space
- 2% C. Build smaller lots
- 4% D. Build smaller single family homes
- 3% E. Variable development fees
- 10% F. Zone for multiplex and multifamily
- 12% G. Utilize county as convener for housing
- 5% H. Create and support land trust/land leasing
- 28% I. Emphasize transit oriented development
- 3% J. Marketing to influence demand

Transportation

1st Choice

- 33% A. Preserve corridors for future use
- 13% B. Invest in ridership-based transit
- 7% C. Maintain highway access
- 9% D. Connect transportation facilities (road, bike, ped)
- 0% E. Local parking management
- 3% F. Incentives to drive less
- 11% G. Target pinch points (Point of the Mountain)
- 4% H. Prioritize bike and ped as much as roads
- 1% I. Seek federal funding through local political aid
- 18% J. Make land use compatible with transportation (density)

Transportation

2nd Choice

- 18% A. Preserve corridors for future use
- 20% B. Invest in ridership-based transit
- 3% C. Maintain highway access
- 11% D. Connect transportation facilities (road, bike, ped)
- 4% E. Local parking management
- 3% F. Incentives to drive less
- 10% G. Target pinch points (Point of the Mountain)
- 7% H. Prioritize bike and ped as much as roads
- 6% I. Seek federal funding through local political aid
- 17% J. Make land use compatible with transportation (density)

Air Quality

1st Choice

- 34% A. Increase public transportation to reduce vehicles
- 8% B. Increase electric cars and alternative energy sources
- 0% C. Energy efficient lawn mowers and snow blowers
- 1% D. Remove wood burning stoves
- 17% E. Coordinate mixed use and transport by city plans
- 7% F. Public outreach and education to increase buy in
- 10% G. Business adjustments to encourage less travel
- 7% H. University adjustments to decrease student travel
- 3% I. Energy efficiency standards for construction
- 14% J. First and last mile alternatives for public transit

Air Quality

2nd Choice

- 20% A. Increase public transportation to reduce vehicles
- 5% B. Increase electric cars and alternative energy sources
- 0% C. Energy efficient lawn mowers and snow blowers
- 2% D. Remove wood burning stoves
- 21% E. Coordinate mixed use and transport by city plans
- 3% F. Public outreach and education to increase buy in
- 9% G. Business adjustments to encourage less travel
- 11% H. University adjustments to decrease student travel
- 3% I. Energy efficiency standards for construction
- 25% J. First and last mile alternatives for public transit

Water Quality and Quantity

1st Choice

- 13% A. Manage groundwater to avoid overuse
- 21% B. Manage watersheds to catch more water in aquifer
- 12% C. Build more reservoirs
- 23% D. Use more water-wise landscaping
- 3% E. Reuse water
- 10% F. Allow water banking
- 9% G. Use agricultural water more efficiently
- 3% H. Wisely plan stormwater runoff (quality, flooding)
- 1% I. Ensure water infrastructure is resilient to earthquakes
- 3% J. Build more local water storage

Water Quality and Quantity

2nd Choice

- 14% A. Manage groundwater to avoid overuse
- 24% B. Manage watersheds to catch more water in aquifer
- 7% C. Build more reservoirs
- 22% D. Use more water-wise landscaping
- 7% E. Reuse water
- 3% F. Allow water banking
- 6% G. Use agricultural water more efficiently
- 6% H. Wisely plan stormwater runoff (quality, flooding)
- 1% I. Ensure water infrastructure is resilient to earthquakes
- 11% J. Build more local water storage

Agriculture & Open Space

1st Choice

- 21% A. Provide options for farmers upon retirement
- 17% B. Cities plan and zone to support agriculture
- 27% C. Plan for density in the right places
- 3% D. Don't transfer water rights away from the land
- 4% E. Educate our youth
- 9% F. Invest in agriculture technologies
- 3% G. Tap into resources (USU Land grant colleges)
- 1% H. Ease parking requirements
- 4% I. Conserve ag/parks/corridors for wildlife
- 10% J. Utilize easements for recreation and open space

Agriculture & Open Space

2nd Choice

- 15% A. Provide options for farmers upon retirement
- 20% B. Cities plan and zone to support agriculture
- 24% C. Plan for density in the right places
- 5% D. Don't transfer water rights away from the land
- 2% E. Educate our youth
- 9% F. Invest in agriculture technologies
- 1% G. Tap into resources (USU Land grant colleges)
- 2% H. Ease parking requirements
- 9% I. Conserve ag/parks/corridors for wildlife
- 13% J. Utilize easements for recreation and open space