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- JAMES THAYER, CLARK CAPITAL
- GAVIN CHRISTENSEN, KICKSTART SEED FUND
- BRANDON FUGAL, COLLIERS INTERNATIONAL
- MARY DELAMARE-SCHAEFFER, UTAH TRANSIT AUTHORITY
- MAYOR TOM WESTMORELAND, CITY OF EAGLE MOUNTAIN
Utah County will double in population by 2050 and will add one million people by 2065.
A majority of our 2050 Growth is Internal
Phase 1: Listening
Fall 2018 – Spring 2019

Phase 2: Scenarios
Summer 2019 – Winter 2019

Phase 3: Vision
Spring 2020
Do you believe growth in Utah County will make things better or worse?

Total Worse: 58.58%
Total Better: 37.46%

- A lot worse: 8.74%
- A little worse: 10.96%
- Neither better nor worse: 7.65%
- A little better: 5.95%
- A lot better: 4.00%
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.

![Graph showing the results of an online survey with 2,699 respondents. The factors are ranked in terms of their impact, with "People", "Economy", and "Nature" categories. The bars indicate the number of 1st, 2nd, and 3rd choices for each factor.]

N = 2,699
Results from online survey
As of 4/3
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)?

Average Score

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Average Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manage Water</td>
<td>8.33</td>
</tr>
<tr>
<td>Improve Transportation</td>
<td>8.23</td>
</tr>
<tr>
<td>Reduce Air Pollution</td>
<td>8.2</td>
</tr>
<tr>
<td>Improve Education</td>
<td>7.92</td>
</tr>
<tr>
<td>Create Good Jobs</td>
<td>7.59</td>
</tr>
<tr>
<td>Improve Housing Affordability</td>
<td>7.27</td>
</tr>
<tr>
<td>Preserve Agriculture &amp; Open Space</td>
<td>7.21</td>
</tr>
<tr>
<td>Improve Resilience to Natural Disasters</td>
<td>6.64</td>
</tr>
<tr>
<td>Build Live/Work/Play Communities</td>
<td>5.88</td>
</tr>
<tr>
<td>Expand Recreational Opportunities</td>
<td>5.88</td>
</tr>
</tbody>
</table>

N = 2,574
Results from online survey.
As of 4/3
From the following options, what would your ideal community be to live in?

- Low density residential (Examples: Suncrest, Alpine)
- Walkable suburban (Examples: Daybreak, Vineyard/Geneva)
- Urban and mixed-use (Examples: Downtown SLC, Provo, Sugar House)
- Low-density urban (Examples: the Avenues, Bingham Junction)
- Residential-only suburban (Examples: Rosecrest, the Ranches)
- Small Town or rural (Examples: Cedar Fort, Goshen, Genola)

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

Results from online survey and workshops.
What percentage of growth should occur in each sector of Utah County?

North (Lehi, American Fork, Pleasant Grove, Highland, Alpine)
South-Central (Springville, Mapleton, Spanish Fork)
South (Santaquin, Benjamin, Payson, Salem)
Southwest (Goshen, Genola, Elberta)
Central (Provo, Orem, Vineyard, Lindon)
West (Eagle Mountain, Saratoga Springs)
Infill development throughout existing cities

Average % Allocated

N = 2,722
Results from online survey.

As of 4/3
Mapping Exercise Results
Priority Working Groups

- Housing
- Transportation
- Air Quality
- Agriculture & Open Space
- Water Quality and Quantity
- Workforce and Education
Phase 1: Listening
Fall 2018 – Spring 2019

Phase 2: Scenarios
Summer 2019 – Winter 2019

Phase 3: Vision
Spring 2020
11,000 people reviewed the scenarios through the Online Survey.

CHOOSE THE FUTURE OF UTAH VALLEY

Utah Valley is quickly becoming an epicenter for growth in the state. What do you think the future should look like for the places we live, work, learn, and play? Choose your favorite outcome for 2050 in each of the eight topics below. Keep in mind that the outcomes in one topic may influence the outcomes in another, but your responses for each topic will be recorded separately. When you’ve finished the topics, choose your favorite overall scenario.
Public Workshops

- Adobe – October 22nd
- Provo – October 29th
- Lehi – November 6th
- Eagle Mountain – November 7th
- Payson – November 13th
- Spanish Fork November 21st
- UVU – December 4th
School Outreach Initiative

Envision Utah will donate $1.50 to schools and universities for every teacher, parent, or community member at that school who completes the survey.

The school system has the potential to reach many residents.
Distribution of Responses by Zip Code
Gender Breakdown

- 53.2% Female
- 44.2% Male
- Prefer not to say
- Other
## Utah Valley Visioning Scenario Metrics Summary: 2050

<table>
<thead>
<tr>
<th>How and Where We Grow</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acres of Fruit/Veg. Land Lost</td>
<td>3,426</td>
<td>1,899</td>
<td>802</td>
<td>3,778</td>
<td>1,576</td>
</tr>
<tr>
<td>Acres of Other Agricultural Land Lost</td>
<td>42,613</td>
<td>25,111</td>
<td>22,216</td>
<td>33,546</td>
<td>22,214</td>
</tr>
<tr>
<td>% of Households w/in 40 min. Transit Ride of Lehi/Provo</td>
<td>31%</td>
<td>40%</td>
<td>34%</td>
<td>32%</td>
<td>44%</td>
</tr>
<tr>
<td>Total Transportation Investment</td>
<td>$13.6 billion</td>
<td>$13.5 billion</td>
<td>$14.5 billion</td>
<td>$13.7 billion</td>
<td>$12.7 billion</td>
</tr>
<tr>
<td>Drive Time from Provo to Eagle Mtn. (at PM peak time)</td>
<td>0:40</td>
<td>0:43</td>
<td>0:42</td>
<td>0:43</td>
<td>0:45</td>
</tr>
<tr>
<td>Drive Time from Provo to Payson (at PM peak time)</td>
<td>0:27</td>
<td>0:30</td>
<td>0:30</td>
<td>0:28</td>
<td>0:30</td>
</tr>
<tr>
<td>Average Monthly Household Travel Cost</td>
<td>$1,382</td>
<td>$1,314</td>
<td>$1,346</td>
<td>$1,309</td>
<td>$1,270</td>
</tr>
<tr>
<td>Average Water Use per Household per Day</td>
<td>388 gallons</td>
<td>266 gallons</td>
<td>258 gallons</td>
<td>308 gallons</td>
<td>275 gallons</td>
</tr>
<tr>
<td>Landscaping</td>
<td>Traditional</td>
<td>Localscape</td>
<td>Xeriscape</td>
<td>Traditional</td>
<td>Some Localscape</td>
</tr>
</tbody>
</table>
# Utah Valley Visioning Scenario Metrics Summary: 2050

<table>
<thead>
<tr>
<th>Scenario</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Housing</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average New Lot Size</td>
<td>0.40 acres</td>
<td>0.22 acres</td>
<td>0.24 acres</td>
<td>0.23 acres</td>
<td>0.19 acres</td>
</tr>
<tr>
<td>Percent of Single Family Homes</td>
<td>72%</td>
<td>61%</td>
<td>66%</td>
<td>65%</td>
<td>54%</td>
</tr>
<tr>
<td>Percent of Dwelling Units with High Earthquake Risk</td>
<td>70%</td>
<td>78%</td>
<td>53%</td>
<td>90%</td>
<td>85%</td>
</tr>
<tr>
<td>Construction Standards</td>
<td>Same</td>
<td>Safer</td>
<td>Same</td>
<td>Safer</td>
<td>Same</td>
</tr>
<tr>
<td><strong>Disaster</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daily Emissions from Buildings and Cars</td>
<td>20.6 tons per day</td>
<td>13.4 tons per day</td>
<td>15.9 tons per day</td>
<td>16.4 tons per day</td>
<td>9.9 tons per day</td>
</tr>
<tr>
<td>Percent of Vehicle Fleet that is Electric</td>
<td>5% electric vehicles</td>
<td>35% electric vehicles</td>
<td>25% electric vehicles</td>
<td>20% electric vehicles</td>
<td>50% electric vehicles</td>
</tr>
<tr>
<td><strong>Air Quality</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent of Increase in Building Efficiency</td>
<td>0%</td>
<td>35%</td>
<td>22%</td>
<td>20%</td>
<td>50%</td>
</tr>
<tr>
<td>Teacher Starting and Ending Salary</td>
<td>$40k-$70k; Pension</td>
<td>$60k-$110k; 401(k) Match</td>
<td>$50k-$85k; Pension</td>
<td>$60k-$110k; Pension</td>
<td>$100k-$140k; 401(k) Match</td>
</tr>
<tr>
<td>Cost of Increasing Teacher Salaries</td>
<td>Remains the same</td>
<td>$90 million per year</td>
<td>$50 million per year</td>
<td>$150 million per year</td>
<td>$330 million per year</td>
</tr>
<tr>
<td>Workforce with Degrees and Certificates</td>
<td>Same</td>
<td>More</td>
<td>More</td>
<td>More</td>
<td>Many More</td>
</tr>
</tbody>
</table>

**Workforce & Edu**
Scenarios

Scenario A
Current Conditions
• Growth continues as it has for the last 20 years

Scenario B
Organized Centers
• Growth occurs in mixed-use centers near high capacity transportation

Scenario C
Westward Growth
• Growth primarily occurs west of the lake into Cedar Valley

Scenario D
Southern Growth
• Growth primarily occurs south between Provo and Santaquin

Scenario E
Urban Infill
• Growth is primarily accommodated in existing urban areas
How and Where We Grow
Scenario A

Scenario A Past Trends
How and Where We Grow
Scenario B

Scenario B Centers
How and Where We Grow
Scenario C

Scenario C
Westward Growth
How and Where We Grow

Scenario D

Scenario D
Southward Growth
How and Where We Grow
Scenario E

Scenario E
Urban Infill
How & Where We Grow Results

N = 9,748
Housing Scenarios

Scenario A
Total Housing Stock

- Single-Family Homes: 16%
- Apartments & Condos: 12%
- Townhomes: 72%

Percentage of homes within 1 mile of a center with daily services: 24%

Scenario B
Total Housing Stock

- Single-Family Homes: 27%
- Apartments & Condos: 12%
- Townhomes: 61%

Percentage of homes within 1 mile of a center with daily services: 37%

Scenario C
Total Housing Stock

- Single-Family Homes: 25%
- Apartments & Condos: 9%
- Townhomes: 66%

Percentage of homes within 1 mile of a center with daily services: 34%

Scenario D
Total Housing Stock

- Single-Family Homes: 28%
- Apartments & Condos: 7%
- Townhomes: 65%

Percentage of homes within 1 mile of a center with daily services: 26%

Scenario E
Total Housing Stock

- Single-Family Homes: 33%
- Apartments & Condos: 15%
- Townhomes: 54%

Percentage of homes within 1 mile of a center with daily services: 32%
Housing Votes by Age

N = 6,630

Under 13 - 19: 222
20-20: 98
30-39: 220
40-49: 360
50-59: 210
60+: 98

A: 210
B: 184
C: 504
D: 385
E: 122

A: 222
B: 311
C: 315
D: 266
E: 108

A: 211
B: 93
C: 506
D: 431
E: 42

A: 334
B: 211
C: 433
D: 349
E: 125

A: 195
B: 506
C: 431
D: 144
E: 64

A: 349
B: 125
C: 144
D: 122
E: 82

A: 144
B: 82
C: 88
D: 60
E: 24

N = 6,630
Transportation Scenarios

Scenario A
- 31% of households are within a 40 minute transit ride of Lehi/Provo
- Driving time (during rush hour): 40 MIN, 27 MIN
- Annual hours spent in the car: 762
- Average monthly household driving cost: $1,382
- Cost: $13.6 billion

Scenario B
- 40% of households are within a 40 minute transit ride of Lehi/Provo
- Driving time (during rush hour): 43 MIN, 30 MIN
- Annual hours spent in the car: 742
- Average monthly household driving cost: $1,314
- Cost: $13.5 billion

Scenario C
- 34% of households are within a 40 minute transit ride of Lehi/Provo
- Driving time (during rush hour): 42 MIN, 30 MIN
- Annual hours spent in the car: 745
- Average monthly household driving cost: $1,346
- Cost: $14.5 billion

Scenario D
- 32% of households are within a 40 minute transit ride of Lehi/Provo
- Driving time (during rush hour): 43 MIN, 28 MIN
- Annual hours spent in the car: 749
- Average monthly household driving cost: $1,309
- Cost: $13.7 billion

Scenario E
- 44% of households are within a 40 minute transit ride of Lehi/Provo
- Driving time (during rush hour): 45 MIN, 30 MIN
- Annual hours spent in the car: 732
- Average monthly household driving cost: $1,270
- Cost: $12.7 billion
Transportation Results

N = 8,389
Agriculture & Open Space Scenarios

Scenario A
- New acres developed in Utah Valley: 92,000
- Agricultural acres lost to development: 46,000
- Acres of fruit/veg agricultural land lost to development: 3,426

Scenario B
- New acres developed in Utah Valley: 53,000
- Agricultural acres lost to development: 27,000
- Acres of fruit/veg agricultural land lost to development: 1,899

Scenario C
- New acres developed in Utah Valley: 58,000
- Agricultural acres lost to development: 23,000
- Acres of fruit/veg agricultural land lost to development: 802

Scenario D
- New acres developed in Utah Valley: 58,000
- Agricultural acres lost to development: 37,000
- Acres of fruit/veg agricultural land lost to development: 3,778

Scenario E
- New acres developed in Utah Valley: 45,000
- Agricultural acres lost to development: 24,000
- Acres of fruit/veg agricultural land lost to development: 1,576
Agriculture & Open Space Results

N = 8,126
Agriculture & Open Space Results – Southern Utah County

N = 2,403
Water Scenarios

Scenario A
- The average household uses Traditional Landscaping: mostly grass
- The average new lot size is .40 acres

Scenario B
- The average household uses Localscaping: some grass with water-efficient plants
- The average new lot size is .22 acres

Scenario C
- The average household uses Xeriscaping: primarily water-efficient plants, little grass
- The average new lot size is .24 acres

Scenario D
- The average household uses Traditional Landscaping: mostly grass
- The average new lot size is .23 acres

Scenario E
- The average household uses Some Localscaping: mostly grass with some water-efficient plants
- The average new lot size is .19 acres
Water Results

N = 8,130
Disaster Resilience Scenarios

Scenario A
Dwelling Units with High Earthquake Risk
70%
Construction standards
Same

Scenario B
Dwelling Units with High Earthquake Risk
78%
Construction standards
Safer

Scenario C
Dwelling Units with High Earthquake Risk
53%
Construction standards
Same

Scenario D
Dwelling Units with High Earthquake Risk
90%
Construction standards
Safer

Scenario E
Dwelling Units with High Earthquake Risk
85%
Construction standards
Same
Disaster Resilience Results

N = 7,846
Workforce & Education Scenarios

Scenario A
Countywide wages stay the same
Workforce with degrees and certificates
Same
Teacher Salaries

$40K
$70K
Pension, same cost as today

Scenario B
Countywide wages increase
Workforce with degrees and certificates
More
Teacher Salaries

$60K
$110K
401k, $90 million/year

Scenario C
Countywide wages somewhat increase
Workforce with degrees and certificates
More
Teacher Salaries

$50K
$85K
Pension, $50 million/year

Scenario D
Countywide wages increase
Workforce with degrees and certificates
More
Teacher Salaries

$60K
$110K
Pension, $150 million/year

Scenario E
Countywide wages substantially increase
Workforce with degrees and certificates
Many more
Teacher Salaries

$100K
$140K
401K, $330 million/year
Air Quality Scenarios

Scenario A
- 20.6 tons of daily vehicle and building emissions
- 5% of vehicle fleet is electric
- 0% increase in building energy efficiency

Scenario B
- 13.4 tons of daily vehicle and building emissions
- 35% of vehicle fleet is electric
- 35% increase in building energy efficiency

Scenario C
- 15.9 tons of daily vehicle and building emissions
- 25% of vehicle fleet is electric
- 22% increase in building energy efficiency

Scenario D
- 16.4 tons of daily vehicle and building emissions
- 20% of vehicle fleet is electric
- 20% increase in building energy efficiency

Scenario E
- 9.9 tons of daily vehicle and building emissions
- 50% of vehicle fleet is electric
- 50% increase in building energy efficiency
Air Quality Results

N = 7,747
Overall Scenarios

Scenario A
Current Conditions
• Growth continues as it has for the last 20 years

Scenario B
Organized Centers
• Growth occurs in mixed-use centers near high capacity transportation

Scenario C
Westward Growth
• Growth primarily occurs west of the lake into Cedar Valley

Scenario D
Southern Growth
• Growth primarily occurs south between Provo and Santaquin

Scenario E
Urban Infill
• Growth is primarily accommodated in existing urban areas
Overall Scenario Results

A: 0%
B: 5%
C: 10%
D: 15%
E: 20%

N = 7,824
Overall Scenario Results by Location

North (Pleasant Grove/Lehi) N = 1,371
West (Eagle Mountain) N = 796
Central (Orem/Provo) N = 1,684
South (Spanish Fork/Payson) N = 2,685
Salt Lake County N = 438

N = 6,974
Overall Scenario Results by Age Group

Under 13 - 19
- 26.5%
- 33.6%
- 21.5%
- 20.4%
- 20.8%
- 25.9%

20-29
- 8.7%
- 6.6%
- 8.1%
- 8.4%
- 9.3%
- 7.5%

30-39
- 28.0%
- 22.8%
- 26.8%
- 29.6%
- 28.5%
- 26.2%

40-49
- 26.5%
- 26.2%
- 29.4%
- 30.7%
- 33.3%
- 31.5%

50-59
- 10.4%
- 10.9%
- 14.1%
- 10.9%
- 8.1%
- 9.0%

60+
- 26.5%
- 33.6%
- 21.5%
- 20.4%
- 20.8%
- 25.9%

N = 7,147
Overall Scenario Results by Gender

N = 7,175
How can we help Utah County achieve these outcomes?
Next Steps

- Model land use, transportation, and water
- Meet with Priority Working Groups
- Draft final Vision for review
- Final Vision release early April
Phase 1: Listening
Fall 2018 – Spring 2019

Phase 2: Scenarios
Summer 2019 – Winter 2019

Phase 3: Vision
Spring 2020