Valley Visioning Steering Committee

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- ABRAHAM HERNANDEZ, CENTRO HISPANO
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- ANDRA CEFALO, PAYSON-SANTAQUIN CHAMBER
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- HEATHER YOUD, SPANISH FORK AND SALEM CHAMBER
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- SHAWN SEAGER, MOUNTAINLAND ASSOCIATION OF GOVERNMENTS
- DAVID URE, SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION
- WARREN PETERSON, THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
- JAMES THAYER, CLARK CAPITAL
- GAVIN CHRISTENSEN, KICKSTART SEED FUND
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- MARY DELAMARE-SCHAEFFER, UTAH TRANSIT AUTHORITY
- MAYOR TOM WESTMORELAND, CITY OF EAGLE MOUNTAIN
Utah County Population Growth

Utah County will double in population by 2050 and will add one million people by 2065

Source: U.S. Census; Kem C. Gardner Policy Institute
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: 13.07%
A lot better: 3.32%

N = 2,472
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 **POSITIVE** impact on the overall quality of life for you personally.

**People**
- Values and Morals of the People
- Family/Kid Friendly
- Safe Neighborhoods
- Jobs and Economic Opportunity
- Low Cost of Living
- Scenic Beauty of the Area
- Outdoor Recreation Opportunities
- Things are Local and Accessible

**Economy**
- Quality of Education
- Rural Lifestyle
- Lots of Good Shopping, Restaurants, and... 
- Access to Arts and Diverse Cultures

**Nature**
- 1st Choice
- 2nd Choice
- 3rd Choice

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.

N = 1,806
Results from online survey.
As of 4/3
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)?

<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
Public Workshops

- Adobe – October 22\textsuperscript{nd}
- Provo – October 29\textsuperscript{th}
- Lehi – November 6\textsuperscript{th}
- Eagle Mountain – November 7\textsuperscript{th}
- Payson – November 13\textsuperscript{th}
- Spanish Fork November 21\textsuperscript{st}
- UVU – December 4\textsuperscript{th}
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
Age Breakdown

- under 20: 10%
- 20-29: 15%
- 30-39: 30%
- 40-49: 25%
- 50-59: 10%
- 60-69: 5%
- 70 or older: 0%
Gender Breakdown

53.2% Male
44.2% Female
Prefer not to say: 0.6%
Other: 0.6%
<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 minutes</td>
<td>0:43 minutes</td>
<td>0:42 minutes</td>
<td>0:43 minutes</td>
<td>0:45 minutes</td>
</tr>
<tr>
<td>Drive Time from Provo to Payson (at PM peak time)</td>
<td>0:27 minutes</td>
<td>0:30 minutes</td>
<td>0:30 minutes</td>
<td>0:28 minutes</td>
<td>0:30 minutes</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>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------</td>
<td>------------</td>
<td>------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td><strong>Average New Lot Size</strong></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><strong>Percent of Single Family Homes</strong></td>
<td>72%</td>
<td>61%</td>
<td>66%</td>
<td>65%</td>
<td>54%</td>
</tr>
<tr>
<td><strong>Percent of Dwelling Units with High Earthquake Risk</strong></td>
<td>70%</td>
<td>78%</td>
<td>53%</td>
<td>90%</td>
<td>85%</td>
</tr>
<tr>
<td><strong>Construction Standards</strong></td>
<td>Same</td>
<td>Safer</td>
<td>Same</td>
<td>Safer</td>
<td>Same</td>
</tr>
<tr>
<td><strong>Daily Emissions from Buildings and Cars</strong></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><strong>Percent of Vehicle Fleet that is Electric</strong></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>Percent of Increase in Building Efficiency</strong></td>
<td>0%</td>
<td>35%</td>
<td>22%</td>
<td>20%</td>
<td>50%</td>
</tr>
<tr>
<td><strong>Teacher Starting and Ending Salary</strong></td>
<td>$40k-$70k; Pension</td>
<td>$60k-$110k; 401(k) Match</td>
<td>$50k-$105k; Pension</td>
<td>$60k-$110k; Pension</td>
<td>$100k-$140k; 401(k) Match</td>
</tr>
<tr>
<td><strong>Cost of Increasing Teacher Salaries</strong></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><strong>Workforce with Degrees and Certificates</strong></td>
<td>Same</td>
<td>More</td>
<td>More</td>
<td>More</td>
<td>Many More</td>
</tr>
</tbody>
</table>
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
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: 60%

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 - Provo

N = 467
Housing Votes by Age

N = 6,630
Housing Votes by Home Zip Code

- North Pleasant Grove/Lehi Area
- West Eagle Mountain
- Central Orem/Provo Area
- South Spanish Fork/Payson
- Salt Lake County

N = 6,319

Legend:
- A
- B
- C
- D
- E
Single Family Housing Composite Averages

Salt Lake County
South Spanish Fork/Payson
Central Orem/Provo Area
West Eagle Mountain
North Pleasant Grove/Lehi Area

N = 6,319
Random Sample Housing Results

- A: Public 22%, Random Sample 22%
- B: Public 23%, Random Sample 32%
- C: Public 24%, Random Sample 24%
- D: Public 11%, Random Sample 12%
- E: Public 18%, Random Sample 17%
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
- Total 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
- Total 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
- Total 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
- Total 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
- Total cost: $12.7 billion
Transportation Results

A: 20%
B: 10%
C: 15%
D: 15%
E: 40%

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
Agriculture & Open Space Results by Home Zip Code

N = 6,283
Random Sample Agriculture and Open Space Results

![Bar chart showing the comparison between Public and Random Sample results for different categories (A, B, C, D, E). The chart indicates that C has a significantly higher Random Sample result compared to the Public result.]
Water Scenarios

Scenario A

Traditional Landscaping: mostly grass

388 gallons per day

The average new lot size is \(0.40\) acres

Scenario B

Localscaping: some grass with water-efficient plants

266 gallons per day

The average new lot size is \(0.22\) acres

Scenario C

Xeriscaping: primarily water-efficient plants, little grass

258 gallons per day

The average new lot size is \(0.24\) acres

Scenario D

Traditional Landscaping: mostly grass

308 gallons per day

The average new lot size is \(0.23\) acres

Scenario E

Some Localscaping: mostly grass with some water-efficient plants

275 gallons per day

The average new lot size is \(0.19\) acres
Water Results

N = 8,130
Random Sample Water Results

- A
- B
- C
- D
- E

Public | Random Sample
---|---

---|---

---|---

---|---

---|---

---|---

---|---
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
Workforce & Education Scenarios

Scenario A: Countywide wages stay the same
- Workforce with degrees and certificates
  - Same
  - Starting: $40K, Ending: $70K
- Teacher Salaries
  - Starting: $40K, Ending: $70K
- Pension, same cost as today

Scenario B: Countywide wages increase
- Workforce with degrees and certificates
  - More
  - Starting: $60K, Ending: $110K
- Teacher Salaries
  - Starting: $60K, Ending: $110K
- 401k, $90 million/year

Scenario C: Countywide wages somewhat increase
- Workforce with degrees and certificates
  - More
  - Starting: $50K, Ending: $85K
- Teacher Salaries
  - Starting: $50K, Ending: $85K
- Pension, $50 million/year

Scenario D: Countywide wages increase
- Workforce with degrees and certificates
  - More
  - Starting: $60K, Ending: $110K
- Teacher Salaries
  - Starting: $60K, Ending: $110K
- Pension, $150 million/year

Scenario E: Countywide wages substantially increase
- Workforce with degrees and certificates
  - Many more
  - Starting: $100K, Ending: $140K
- Teacher Salaries
  - Starting: $100K, Ending: $140K
- 401K, $330 million/year
Workforce & Education Results by Gender

N = 6,474
Workforce & Education Results by Gender

N = 6,474
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
Random Sample Air Quality Results

<table>
<thead>
<tr>
<th></th>
<th>Public</th>
<th>Random Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5%</td>
<td>10%</td>
</tr>
<tr>
<td>B</td>
<td>20%</td>
<td>25%</td>
</tr>
<tr>
<td>C</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>D</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>E</td>
<td>40%</td>
<td>45%</td>
</tr>
</tbody>
</table>
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: 10%
- B: 30%
- C: 25%
- 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

<table>
<thead>
<tr>
<th>Age Group</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 13 - 19</td>
<td>26.5%</td>
<td>33.6%</td>
<td>21.5%</td>
<td>20.4%</td>
<td>20.8%</td>
</tr>
<tr>
<td>20-29</td>
<td>8.7%</td>
<td>6.6%</td>
<td>26.8%</td>
<td>29.6%</td>
<td>28.5%</td>
</tr>
<tr>
<td>30-39</td>
<td>28.0%</td>
<td>22.8%</td>
<td>26.4%</td>
<td>30.7%</td>
<td>33.3%</td>
</tr>
<tr>
<td>40-49</td>
<td>26.5%</td>
<td>26.2%</td>
<td>29.4%</td>
<td>30.7%</td>
<td>33.3%</td>
</tr>
<tr>
<td>50-59</td>
<td>10.4%</td>
<td>10.9%</td>
<td>14.1%</td>
<td>10.9%</td>
<td>8.1%</td>
</tr>
<tr>
<td>60+</td>
<td>10.9%</td>
<td>10.9%</td>
<td>14.1%</td>
<td>10.9%</td>
<td>8.1%</td>
</tr>
</tbody>
</table>

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