

# Housing Accessibility\* Tools

(\*a.k.a. Access to Opportunities, ATO, Destination Access)

Commission on Housing Affordability

Data Workgroup

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WFRC

A decorative horizontal band at the bottom of the slide, filled with a pattern of thin, parallel diagonal lines in a light blue-grey color.

# What is Access to Opportunities (ATO)



**Choices** – drive, ride, walk, virtual

+



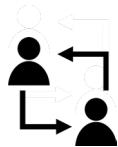
**Mobility** – speed of travel

+



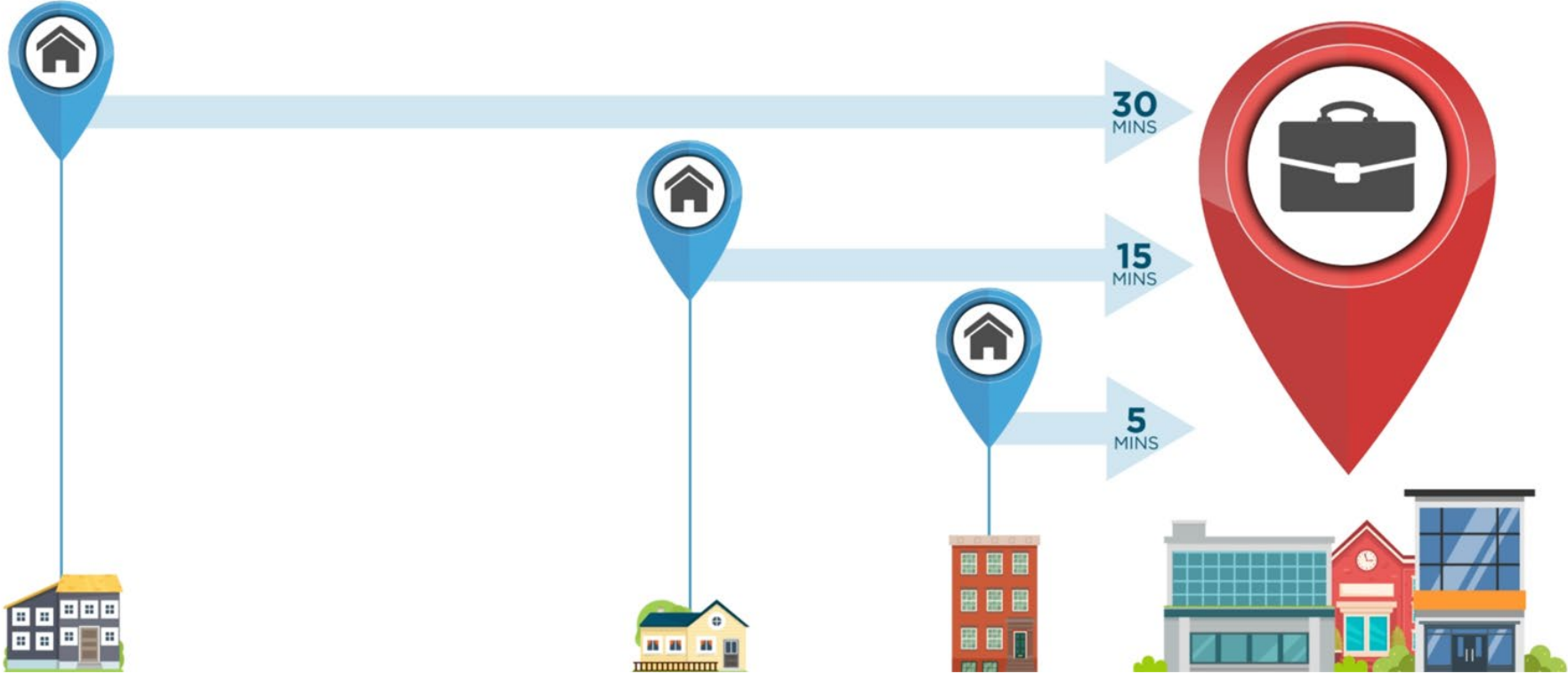
**Proximity** – distance apart

=

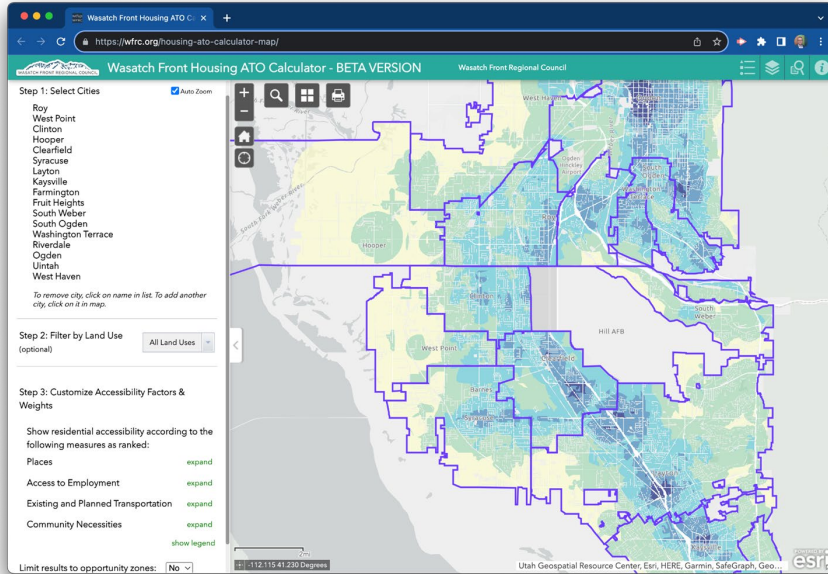


**Accessibility** -- *ease of reaching key destinations*

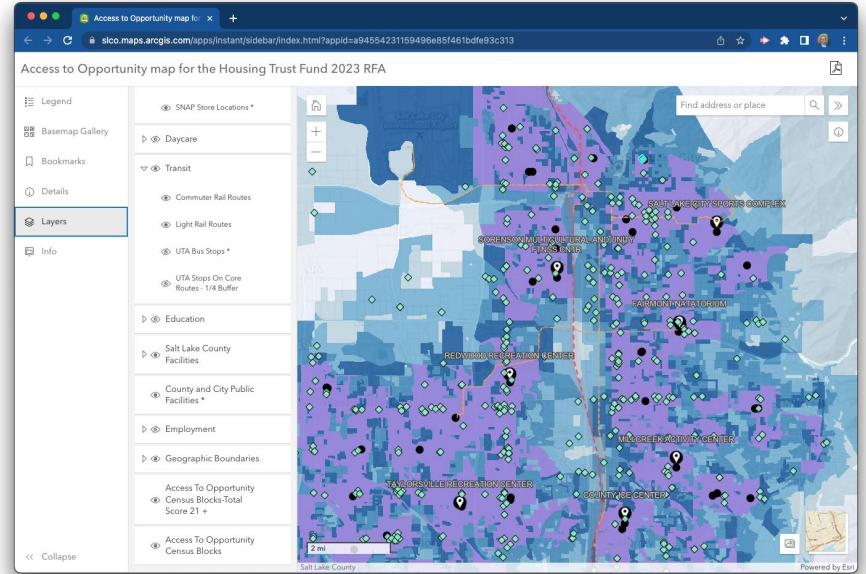
# For Housing Accessibility, Location Matters



# How to Better See Housing Accessibility? 2 Map-based Tools



Wasatch Front Housing ATO Tool  
(WFRC, Fall 2022)



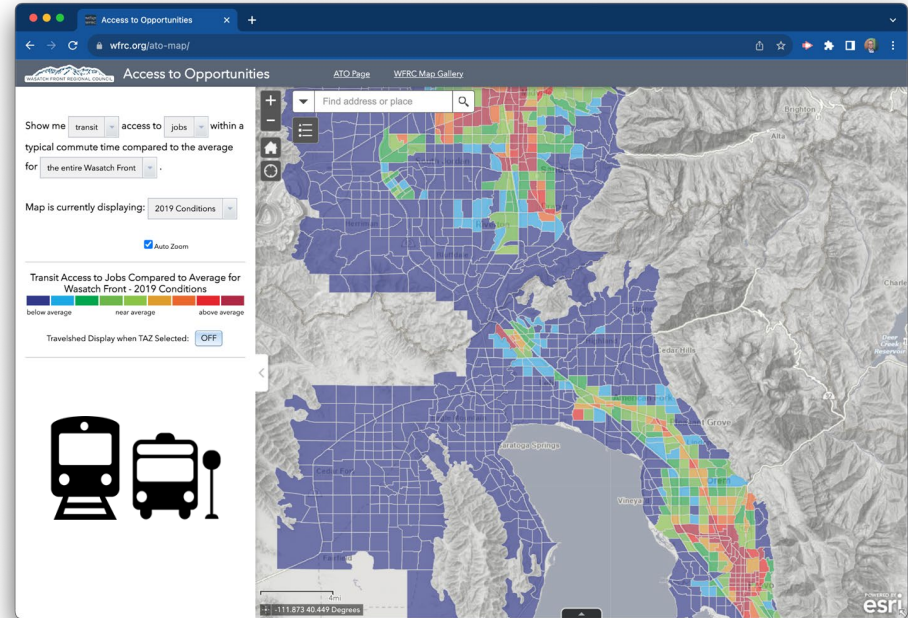
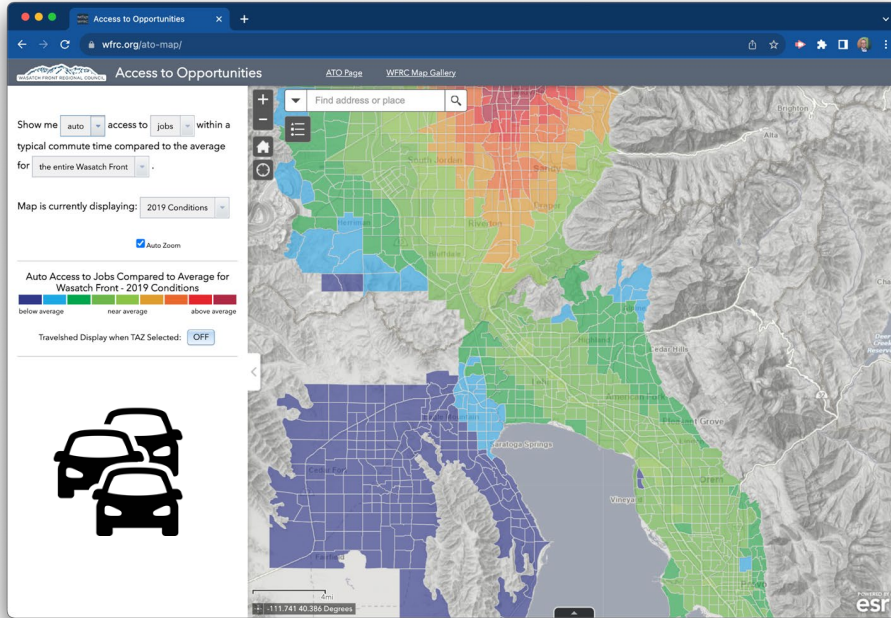
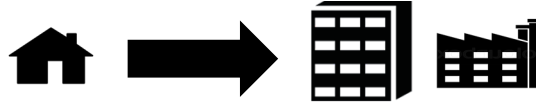
SLCo Housing Trust Fund Prioritization  
(Salt Lake County, Fall 2022)

## Map-based Housing Accessibility Tool:

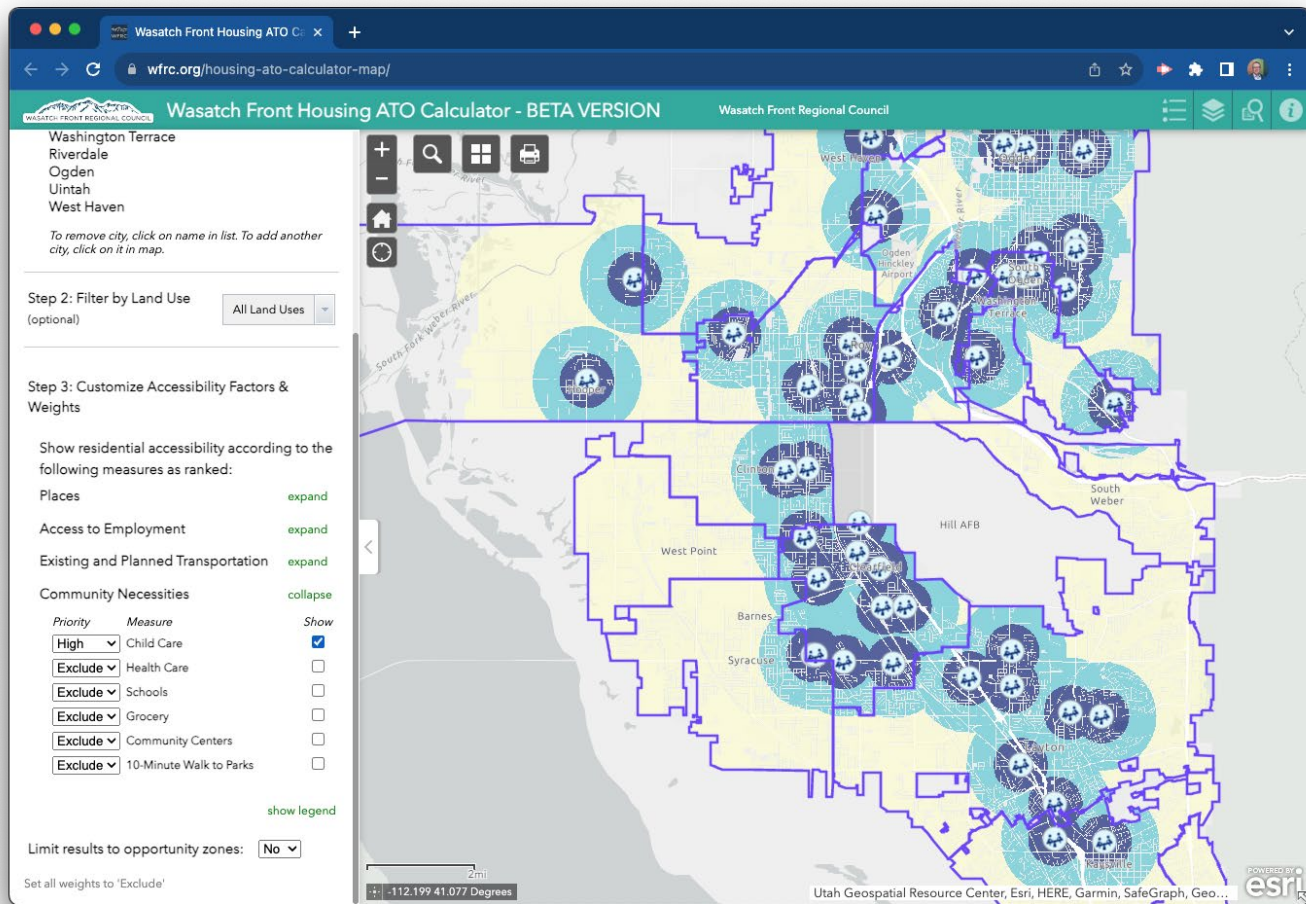
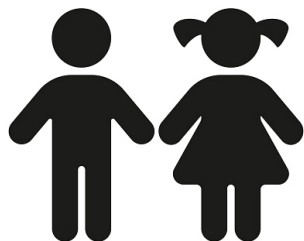
- **Select a Community** or other Area of Interest
- **View Accessibility** to Household Needs
  - Job Layers
  - Key Nearby Community Amenity Layers
- **Choose your own values:** criteria and weighting
  - Dynamically recalculate & display landscape of accessibility



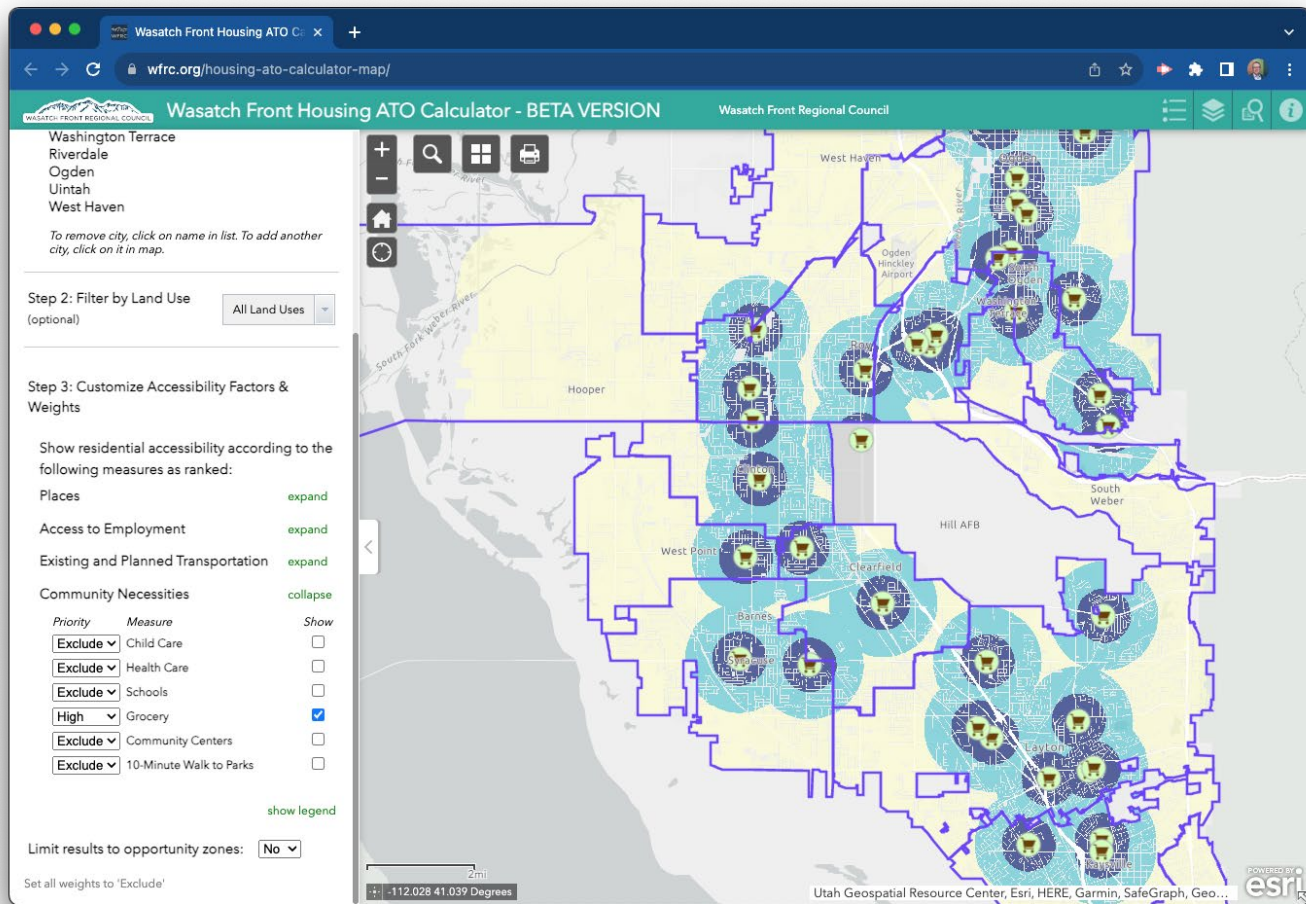
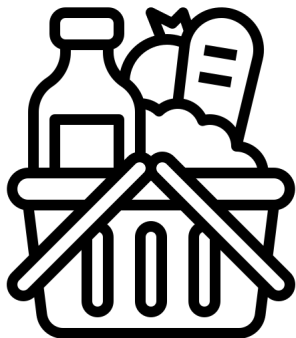
# Map Layer Examples: Jobs within a Typical Commute



# Map Layer Examples: Childcare Centers



# Map Layer Examples: Grocery Stores





# Choose Your Criteria and Weights



## Community Necessities

collapse

Priority	Measure	Show
High ▾	Child Care	<input type="checkbox"/>
Exclude ▾	Health Care	<input type="checkbox"/>
Exclude ▾	Schools	<input type="checkbox"/>
High ▾	Grocery	<input type="checkbox"/>
Exclude ▾	Community Centers	<input type="checkbox"/>
High ▾	10-Minute Walk to Parks	<input type="checkbox"/>



## Access to Employment

collapse

Priority	Measure	Show
Medium ▾	Auto Access to Jobs	<input type="checkbox"/>
High ▾	Transit Access to Jobs	<input type="checkbox"/>



## Existing and Planned Transportation

collapse

Priority	Measure	Show
High ▾	Transit	<input type="checkbox"/>
Medium ▾	Freeway Access	<input type="checkbox"/>
Medium ▾	Active Transportation Facilities	<input type="checkbox"/>

# Accessibility (ATO) Landscape Map is Re-calculated

## ☒ Housing ATO

- Most Accessibility (80-100% of Max Possible)
- High Accessibility (60-80% of Max Possible)
- Middle Accessibility (40-60% of Max Possible)
- Low Accessibility (20-40% of Max Possible)
- Least Accessibility (0-20% of Max Possible)

### Step 3: Customize Accessibility Factors & Weights

Show residential accessibility according to the following measures as ranked:

Places

expand

Access to Employment

collapse

Priority	Measure	Show
Medium	Auto Access to Jobs	<input type="checkbox"/>
High	Transit Access to Jobs	<input type="checkbox"/>

Existing and Planned Transportation

collapse

Priority	Measure	Show
High	Transit	<input type="checkbox"/>
Medium	Freeway Access	<input type="checkbox"/>
Medium	Active Transportation Facilities	<input type="checkbox"/>

Community Necessities

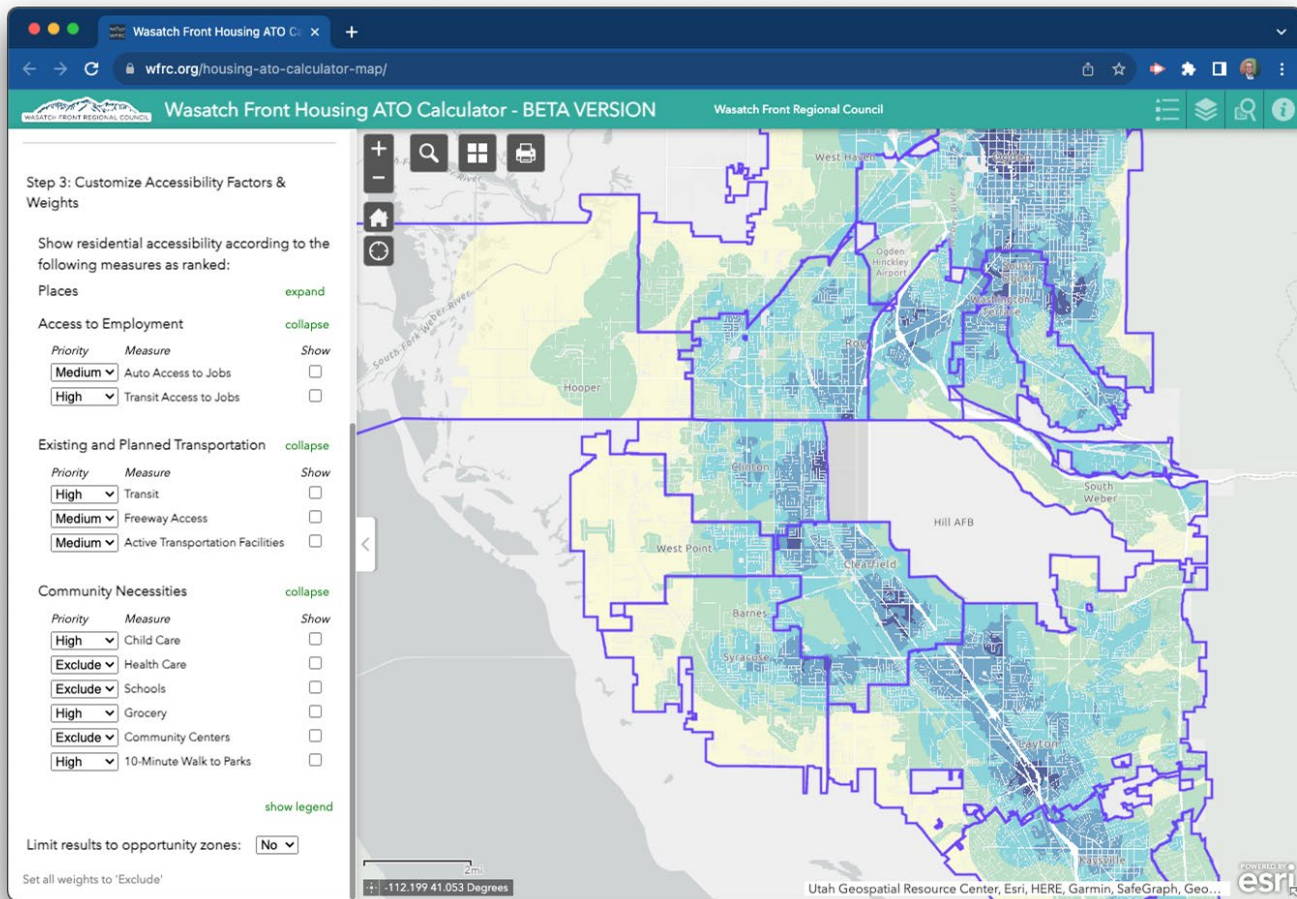
collapse

Priority	Measure	Show
High	Child Care	<input type="checkbox"/>
Exclude	Health Care	<input type="checkbox"/>
Exclude	Schools	<input type="checkbox"/>
High	Grocery	<input type="checkbox"/>
Exclude	Community Centers	<input type="checkbox"/>
High	10-Minute Walk to Parks	<input type="checkbox"/>

show legend






Limit results to opportunity zones:

Set all weights to 'Exclude'



# Click a Location to See Site-Specific Scoring

## ☒ Housing ATO

-  Most Accessibility (80-100% of Max Possible)
-  High Accessibility (60-80% of Max Possible)
-  Middle Accessibility (40-60% of Max Possible)
-  Low Accessibility (20-40% of Max Possible)
-  Least Accessibility (0-20% of Max Possible)

### Step 3: Customize Accessibility Factors & Weights

Show residential accessibility according to the following measures as ranked:

Places

expand

#### Access to Employment

collapse

Priority	Measure	Show
<input type="button" value="Medium"/>	Auto Access to Jobs	<input type="checkbox"/>
<input type="button" value="High"/>	Transit Access to Jobs	<input type="checkbox"/>

#### Existing and Planned Transportation

collapse

Priority	Measure	Show
<input type="button" value="High"/>	Transit	<input type="checkbox"/>
<input type="button" value="Medium"/>	Freeway Access	<input type="checkbox"/>
<input type="button" value="Medium"/>	Active Transportation Facilities	<input type="checkbox"/>

#### Community Necessities

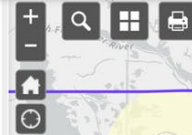
collapse

Priority	Measure	Show
<input type="button" value="High"/>	Child Care	<input type="checkbox"/>
<input type="button" value="Exclude"/>	Health Care	<input type="checkbox"/>
<input type="button" value="Exclude"/>	Schools	<input type="checkbox"/>
<input type="button" value="High"/>	Grocery	<input type="checkbox"/>
<input type="button" value="Exclude"/>	Community Centers	<input type="checkbox"/>
<input type="button" value="High"/>	10-Minute Walk to Parks	<input type="checkbox"/>

show legend

Limit results to opportunity zones:

Set all weights to 'Exclude'



< Click >



### Location Score

Layer	Score	Priority Weight	Weighted Score
Metropolitan Centers	0	n/a	0
Urban Centers	0	n/a	0
City Centers	0	n/a	0
Neighborhood Centers	0	n/a	0
Auto Access to Jobs	7.6	0.67	5.1
Transit Access to Jobs	3.7	1.00	3.7
Transit	0	1.00	0
Freeway Access	0	0.67	0
Active Transportation Facilities	10.0	0.67	6.7
Child Care	0	1.00	0
Health Care	5.0	n/a	0
Schools	10.0	n/a	0
Grocery	5.0	1.00	5.0
Community Centers	0	n/a	0
10-Minute Walk to Parks	10.0	1.00	10.0
Total			30.4

	Places	Emp. Access	Transp	Comm. Necess.	Total
Total Score for Selected Location	0.0	8.8	6.7	15.0	30.4
Max Possible for Selected Communities	0.0	16.7	23.3	30.0	70.0
Percent of Max Possible	NaN%	53%	29%	50%	43%

Utah Geospatial Resource

# Potential Next Steps to Consider

- ***Build on Existing Map?***
  - <https://wfrc.org/housing-ato-calculator-map/>
- ***Further align the tool's design to policy interests***
  - *Choosing where to live*
  - *Compare potential housing investment locations*
  - *Identifying and addressing location challenges*
- ***Expand Geographic Coverage – other growing areas***
- ***Commit to keeping map data current***