

Accessibility Rating

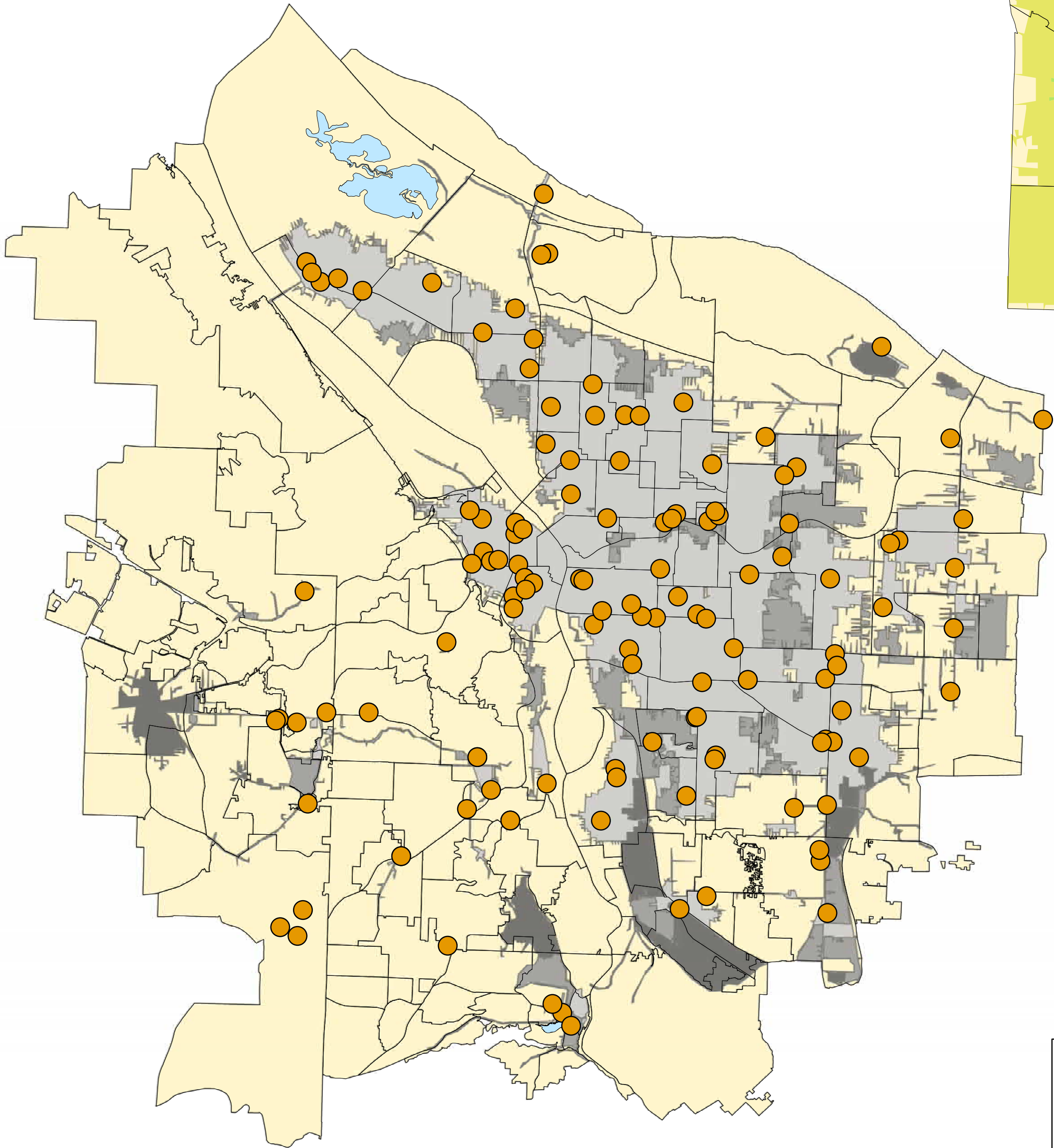
- Excellent
- Very Good
- Good
- Fair
- Poor
- No Access
- Groceries/Markets
- Rivers

The service area maps use average speeds of 3 mph for walking, 10 mph for bicycling, and 18 mph for transit to calculate the time it takes to travel a certain distance. The categories for the combined map are: "Excellent" = two best ratings, "Very Good" = one best and one second, "Good" = one best and one least, or two seconds, "Fair" = one second and one least, "Poor" = two leasts

Portland Food Accessibility
Using Alternative Transportation

Combined

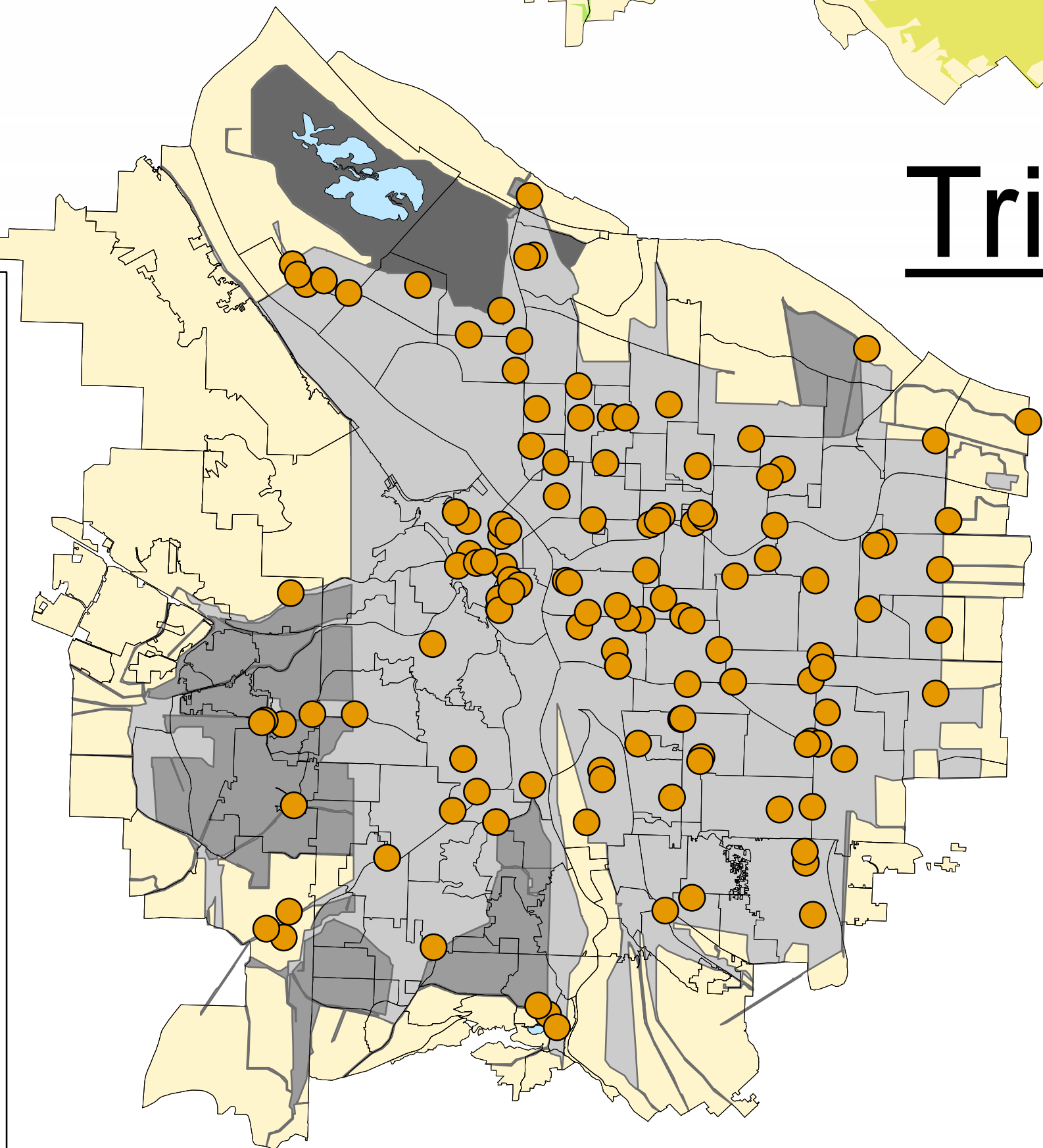
This is an analysis of the accessibility of grocery stores/food markets within the city of Portland, Oregon using only alternative modes of transportation. A network dataset was created for each form of transport using only appropriate routes for the individual modes, (i.e. only sidewalks and trails for the walking network). These were combined with the point locations of the markets, and a service area analysis was performed to show the levels of accessibility for each mode throughout the city. The large map is a combination of the walking and bicycling areas to give an overall impression of accessibility. DATA SOURCES: Portland RLIS for the river, neighborhoods, and transportation data. Neil Loehlein at the City of Portland Bureau of Planning & Sustainability for the stores data. Portlandfarmersmarket.org for the farmers market data. The USDA Economic Research Service for the ratings on accessibility levels. The Bicycle Transportation Alliance for average bicycling speeds. TriMet for average transit speeds.



Walking Access

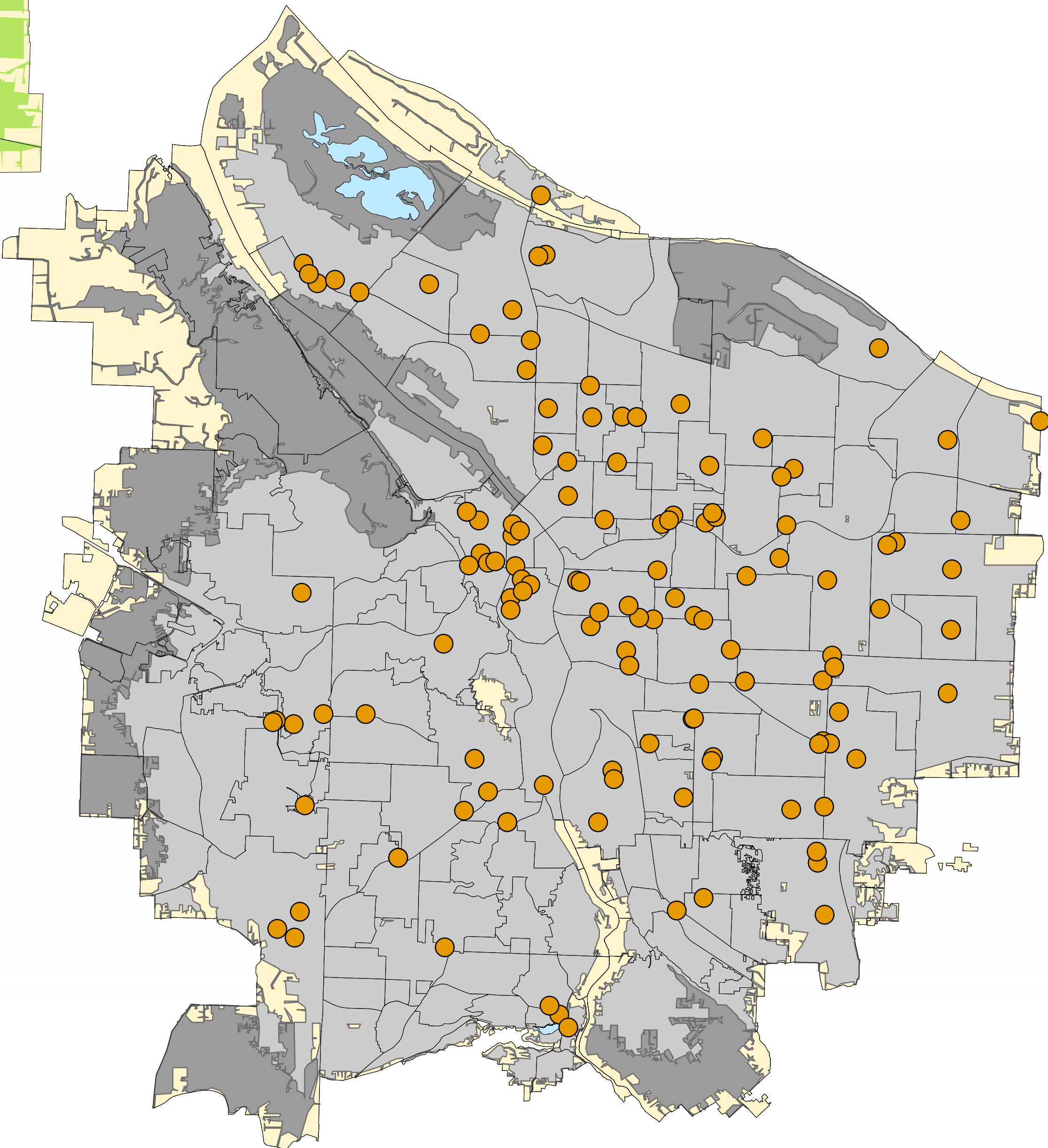
- 0 - 20 min.
- 21 - 40 min.
- 41 - 60 min.

These service areas show access to food stores using TriMet bus and light rail lines. However, the data was not included in the combined analysis because the tools were not available to the project group to connect the bus/rail stops to the pedestrian/bicycling transportation network. This results in an unacceptable level of inaccuracies in the data, thus this map is provided strictly as a reference.



TriMet Access

- 0 - 20 min.
- 21 - 40 min.
- 41- 60 min.



Bicycling Access

- 0 - 20 min.
- 21- 40 min.
- 41- 60 min.

