

Westchester Access: How-to Guide

This Guide explains how to use <https://westchester.conveyal.vercel.app/> to explore patterns of access by transit in Westchester County.

Set origin

Set the starting location for transit trips by:

- Clicking the “set start” button in the lower right-hand corner of the map, then clicking on the map
- Dragging the dark blue marker on the map if it is already displayed, or
- Entering an address in the first search bar in the left panel

Once you set an origin, the area reachable from that origin within a certain travel time limit will be displayed on the map. Light blue indicates areas reachable at peak times, light red indicates places reachable at off-peak times, and the purple overlap indicates areas reachable at peak and off-peak times.

Peak times represent commuters with typical 9-to-5 schedules who catch a certain bus or train trip, minimizing their waiting and overall travel time (more specifically, the 25th percentile of door-to-door travel times for trips starting between 7 AM and 8 AM). Off-peak times represent commuters who may work non-traditional hours, have lower flexibility about the exact time at which they start their commutes, and experience long waiting times for infrequent service (more specifically, the 75th percentile of door-to-door travel times for trips starting between 2 PM and 6 PM).

To change the travel time limit, drag the slider in the left panel. As you adjust the slider, the cards below it will show the number of jobs and workers that can be reached from your selected origin within your selected travel time limit.

Set destination

You can set the ending location for transit trips by:

- Clicking the “set end” button in the lower right-hand corner of the map, then clicking on the map
- Dragging the red marker on the map if it is already displayed, or
- Entering an address in the second search bar in the left panel

Once you set a destination, transit path options from the origin to the destination will be shown on the map. You can highlight individual paths by hovering your mouse over them in the cards on the left panel. The cards will also show typical door-to-door travel times achievable using the combination of these path options.

Interpret and adjust other settings

Travel times are door-to-door, including walking, waiting, riding, and transfer time. Transit service is based on scheduled bus and subway schedules from December 16 2019. In the left panel, you can select whether the results should also include Metro North.