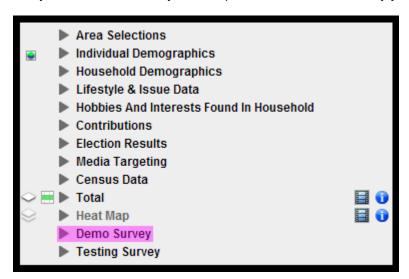
## **Histograms**

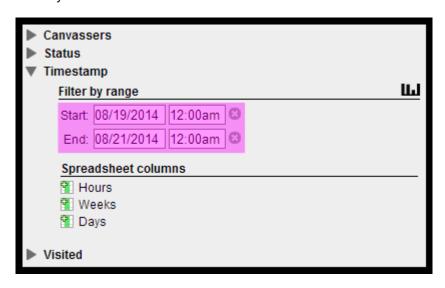
The Histogram feature allows you to easily visualize data being collected from a Ground Game survey over time by displaying the data in an interactive bar chart. You can use the Histogram to determine how much data you've collected, by whom, over how much time, on which demographic groups, etc.

To use the Histogram feature:

1. Go to the bottom of your Data Sources in your side panel and select the survey you want to view.

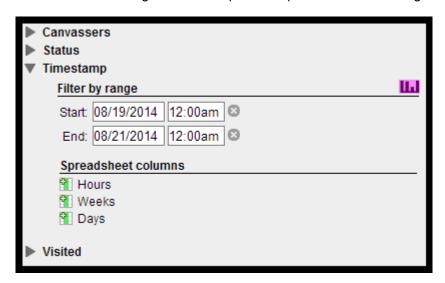


2. Choose either Timestamp or Visited and then choose the date range you want to filter to. Visited will show data on everyone who has either been canvassed by the survey, or marked with a status icon such as "not home". Timestamp will only show data on voters who have been canvassed by the survey itself, it will not include voters who were marked with the following statuses: Address Visited, Inaccessible, Not Home, and Too Busy.

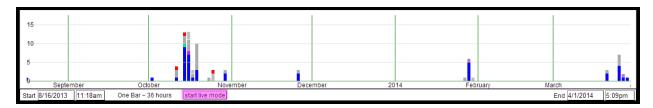


Note: Older surveys will have Last Canvassed and Last Visited branches instead of Timestamp and Visited. In this instance, Last Canvassed corresponds to Timestamp whereas Last Visited corresponds to Visited.

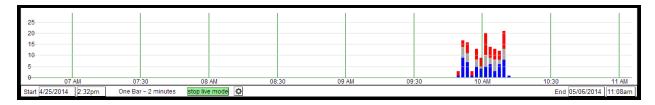
3. Click on the bar chart icon to the right of the side panel to open or close the histogram.



4. The histogram will appear near the bottom of the map. It will display survey data based on the time survey answers or statuses were entered on to the Ground Game mobile application, not the time they were synced. In other words, if a canvasser collected 4 answers at 1:30pm and then synced them in at 7:30pm, it would display those answers timestamp as 1:30pm.



- 5. The coloring of the histogram bars will also be the same as the attribute coloring of your dots layer. If you decide to color dots by a different data-source, the histogram will update to match with the new coloring scheme.
- 6. Clicking Start Live Mode will show you recently synced answers as they come in in real time.



7. While in live mode two new kinds of markers will appear on the map, displayed below. The first marker is the location of the canvasser when they last synced. The second marker is the last address the canvasser canvassed.

8. Each canvasser has a different color for the survey assigned to them.

