

## Dynamic Management of Food Redistribution for 412 Food Rescue Dataset

Dataset available at: <http://doi.org/10.5281/zenodo.3801643>

(This dataset supports report **Dynamic Management of Food Redistribution for 412 Food Rescue**)

This U.S. Department of Transportation-funded dataset is preserved by the Mobility 21 University Transportation Center and Carnegie Mellon University in the Zenodo Repository (<https://zenodo.org/>), and is available at <http://doi.org/10.5281/zenodo.3801643>

The related final report **Dynamic Management of Food Redistribution for 412 Food Rescue**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/56054>

### Metadata from the Zenodo Repository record:

Title: FoodGo Test Dataset

Author: Rubinstein, Z. B.

Description: These CSV files provide a base dataset for testing the FoodGo system that schedules the pick-ups and drop-offs of food donations from donors to nonprofits. The first file, foodgo-order.csv, specifies 500 orders. Each row in the file contains an order id, the quantity of the order in a standard unit, whether or not the order is perishable, and the location coordinates and the time-windows for the pick-up and the drop-offs. The second file, food go-volunteers.csv, specifies 50 volunteers. Each row has the volunteer id, the capacity that the vehicle has in a standard unit, the locations of where the volunteer begins and ends hers or his availability, and the availability window. Times are represented in a simple integer format where the thousands and hundreds digits represent the hours and the tens and ones digits represent the minutes. The availabilities in the foodgo-volunteers dataset are represented as a JSON array, with each subarray representing the start and end of a time window in which the volunteer is available to transport orders.

Publication Date: May 6, 2020

DOI: 10.5281/zenodo.3801643

License (for files): Creative Commons Attribution 4.0 International

Versions: Version 1

### Recommended citation:

Rubinstein, Z. B. (2020). FoodGo Test Dataset [Data set]. Zenodo.

<http://doi.org/10.5281/zenodo.3801643>

### Dataset description:

This dataset contains 1 .zip file collection described below.

#### foodgo-test-data.zip:

This collection contains a total of 4 files, the structure of the .zip collection is described below.

- foodgo-volunteers.csv
- foodgo-orders.csv

- \_\_MACOSX
  - .\_foodgo-volunteers.csv
  - .\_foodgo-orders.csv

The .csv, Comma Separated Value, file is a simple format that is designed for a database table and supported by many applications. The .csv file is often used for moving tabular data between two different computer programs, due to its open format. The most common software used to open .csv files are Microsoft Excel and RecordEditor, (for more information on .csv files and software, please visit <https://www.file-extensions.org/csv-file-extension>).

**National Transportation Library (NTL) Curation Note:**

As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (<https://ntl.bts.gov/public-access>) Section 7.4.2 Data, the NTL staff has performed *NO* additional curation actions on this dataset. NTL staff last accessed this dataset at <http://doi.org/10.5281/zenodo.3801643> on 2020-06-01. If, in the future, you have trouble accessing this dataset at the host repository, please email [NTLDataCurator@dot.gov](mailto:NTLDataCurator@dot.gov) describing your problem. NTL staff will do its best to assist you at that time.