

## **Data Files: Applying an Equity Lens to Automated Payment Solutions for Public Transportation**

Dataset available at: [https://doi.org/10.15760/TREC\\_datasets.14](https://doi.org/10.15760/TREC_datasets.14)

(This dataset supports report **Applying an Equity Lens to Automated Payment Solutions for Public Transportation**, <https://dx.doi.org/10.15760/trec.261>)

This U.S. Department of Transportation-funded dataset is preserved by Transportation Research and Education Center (TREC) in their data repository PDX Scholar (<https://pdxscholar.library.pdx.edu/>), and is available at [https://doi.org/10.15760/TREC\\_datasets.14](https://doi.org/10.15760/TREC_datasets.14)

The related final report **Applying an Equity Lens to Automated Payment Solutions for Public Transportation**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/59780>

### **Metadata from the PDX Scholar Repository record:**

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Document Type: Dataset

Publication Data: 2021

Subjects: Local transit -- Fares -- Automation, Smart cities, Transportation -- Planning, Local transit accessibility

#### Abstract:

The research team carried out intercept surveys in Portland, Gresham, Eugene and Denver in July, August and September of 2019. In total, 2,303 riders completed intercept surveys across the three regions. Our surveys were designed to take place during short “intercept” interviews between the research staff and the rider, typically at transit stations and bus stops. The surveys focus on current fare payment behavior, access to banking, Internet and smartphone resources, and potential fare payment behavior in the absence of cash options. Survey questions included current fare payment methods, travel behavior, and technology access. Demographic information was also collected in order to perform an equity analysis. A copy of the survey instrument can be found in Appendix 2 of the final report.

#### Description:

- Project PI - Aaron Golub, Associate Professor, PSU
- Survey data support a final report published, Applying an Equity Lens to Automated Payment Solutions for Public Transportation, NITC Project Number 1268.

#### List of Files

NITC 1268 Automated Fare Equity survey data - An Excel file containing 2,303 survey responses.

DOI

10.15760/TREC\_datasets.14

Persistent Identifier

<https://archives.pdx.edu/ds/psu/36462>

**Recommended citation:**

Golub, A., J. MacArthur, C. Brakewood and A. Brown. Data File: Applying an Equity Lens to Automated Payment Solutions for Public Transportation. NITC-RR-1268. Portland, OR: Transportation Research and Education Center (TREC), 2021.

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**Dataset description:**

This dataset contains 1 file described below.

**Automated Fare Equity survey data.xlsx:**

The .xlsx file type is a Microsoft Excel file, which can be opened with Excel, and other free available software, such as OpenRefine.

**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 [https://doi.org/10.15760/TREC\\_datasets.14](https://doi.org/10.15760/TREC_datasets.14) on 2022-01-14. 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.