

Commercial Vehicle Delivery Activities in Seattle, WA
Dataset available at: <https://doi.org/10.7910/DVN/UHYGAW>

(This dataset supports report **Final 50 Feet of the Urban Goods Delivery System: Pilot Test of an Innovative Improvement Strategy**)

This U.S. Department of Transportation-funded dataset is preserved by the Pacific Northwest Transportation Consortium (PacTrans), the Regional University Transportation Center (UTC) for Federal Region 10 in the digital repository Harvard Dataverse (<https://dataverse.harvard.edu>), and is available at <https://doi.org/10.7910/DVN/UHYGAW>.

The related final report **Final 50 Feet of the Urban Goods Delivery System: Pilot Test of an Innovative Improvement Strategy**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/55928>.

Metadata from the Harvard Dataverse Repository record:

Description:

Data was collected over a total of 20 days, covering the period both before and after the locker installation at the Seattle Municipal Tower. Data collectors at the loading bay systematically tracked the number of trucks, total truck dwell time, truck parking location, the number and size distribution of parcels delivered, the number of packages picked up at the Tower, and the number of failed deliveries. After the locker was installed, data was collected to compare delivery time between floor-to-floor, door-to-door delivery and delivery to the locker. The research team developed a thorough data-collection process that included: • Developing two mobile applications in iPhone Operating System (IOS) as a data-collection tool • Recruiting and scheduling 11 data collectors to cover the 8 am to 4 pm shifts at the Seattle Municipal Tower during the pilot test • Training data collectors with both theoretical and in-field sessions • Managing data-collection tools (e.g. clipboards, iPads, safety vests) • Performing quality control on collected data (data cleaning) (2019-08-22)

Subjects:

Engineering; Other

Keyword:

Supply Chain Logistics, Transportation Engineering, Parking, Delivery/Pick-up Activity

Recommended citation:

Goodchild, Anne, 2019, "Commercial Vehicle Delivery Activities in Seattle, WA", <https://doi.org/10.7910/DVN/UHYGAW>, Harvard Dataverse, V1

Dataset description:

This dataset contains 1 .zip file collection described below.

Final 50 Feet of the Urban Goods Delivery System Pilot Test of an Innovative Improvement Strategy.zip:

This collection contains 4 files and 2 files types, listed below.

- Commercial Vehicle Delivery Activities in Seattle, WA.csv
- MetaData for PacTrans Datasets _Commercial Vehicle Delivery Activities in Seattle WA.docx
- MetaData for PacTrans Datasets _Time Spent for Common Carrier Locker VS. Door to Door operations.docx
- Time Spent for Common Carrier Locker VS. Door to Door operations.csv

File Type Descriptions:

- The csv file extension is commonly used to files in Comma Separated Value format. A comma-separated values file is a simple text format for a database table. Each line in the CSV file corresponds to a row in the table. Within the line, fields are separated by commas, each field belonging to one table column. The CSV is a simple file format that is supported by many applications. (for more information on .csv files and software, please visit <https://www.file-extensions.org/csv-file-extension>)
- The docx file extension is best known for its use in Microsoft Word, a powerful word processor and authoring program that gives users the ability to create and share documents, which is available as part of Microsoft Office and Office 365 subscription based service. ((for more information on .docx files and software, please visit <https://www.file-extensions.org/docx-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://doi.org/10.21949/1503647>) 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/10.7910/DVN/UHYGAW> on 2021-07-07

If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.