

Davis Amtrak station pilot project evaluation Dataset

Dataset available at: <https://doi.org/10.25338/B8ZS7R>

(This dataset supports report **Davis Amtrak Station Pilot Project Evaluation: Informing Long Term Solutions to the Davis Amtrak Station Access Barriers**, <https://doi.org/10.7922/G2N29V6B>)

This U.S. Department of Transportation-funded dataset is preserved by the University of California in the digital repository Dryad (<https://datadryad.org>), and is available at <https://doi.org/10.25338/B8ZS7R>.

The related final report **Davis Amtrak Station Pilot Project Evaluation: Informing Long Term Solutions to the Davis Amtrak Station Access Barriers**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/58711>.

Metadata from the Dryad Repository record:

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Abstract:

This study investigates barriers to accessing the Davis Amtrak Station to inform a program designed to increase access to the station with on-demand alternatives. The program aims to decrease private vehicle use to access the station and for travel to locations outside of Davis through partnerships with a carpool/rideshare app, as well as a ridehail app. Motivations for the program stem from the high passenger usage at the Davis station that may be impacted by parking capacity and other challenges. The city has limited interest in or ability to add new parking capacity, however pricing will be introduced to the lot in the future. Due to the COVID-19 pandemic, the City has not yet set a launch date for the program. This report evaluates the potential for the program using survey data collected from Davis residents about their travel expectations once COVID-19 is no longer a threat. The results of this study provide insights into residents' interest in the planned pilot programs. Residents are most likely to use a free ridehail program to travel to the train station, while some are also likely to use a carpool/rideshare program and/or a free shuttle to downtown. Those with higher perceived risks associated with riding the train during COVID-19 are less likely to use these programs. City planners are already considering these issues, and these results underscore the importance of these issues in the final design and outreach for this pilot program.

Methods:

The data was collected through an online survey. The data has been minimally processed; removal of unusable responses, computation of new variables, and removal of all identifying information for participants.

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Recommended citation:

Pike, Susan (2021), Davis Amtrak station pilot project evaluation, Dryad, Dataset, <https://doi.org/10.25338/B8ZS7R>

Dataset description:

This dataset contains 1 .zip file collection described below.

doi_10.25338_B8ZS7R_v8.zip:

This collection contains 1 .csv file and 1 .xlsx file listed below.

- Updated_Data_Davis_Amtrak_Pilot_Evaluation.csv
- Final_Data_Davis_Amtrak_Pilot_Evaluation_Codebook.xlsx

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>).

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/10.25338/B8ZS7R> on 2022-01-10. 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.