

Team Check-In B

1. Topic Definition

Our show will cover COVID 19's impact on different forms of transportation: namely commuters, bikeshares, and airlines, and how ridership rates have changed.

2. Data Sources

Primary data sources include the Bureau for Transportation Statistics, the US Department of Transportation, RTAMS, City of Chicago, Kaggle, and Data World. Specific data sources currently being utilized are listed at the end of this document.

3. Text Sources

Amongst other text sources, the Transportation Research Board Library (TRB) is an online archive that consists of over 77,000 research publications on highway research, aviation, pedestrian/cyclists, railroads and others. We intend to leverage TRB to identify science/technology's impact on newer research in transportation specifically, to aid future data collection and visualization. Specific text sources currently identified are listed at the end of this document.

4. Style Guide

Our goal is to use a neutral, muted color scheme so as to not detract from the charts created, whether they are grayscale or color. We plan to use a common sans-serif font, either Arial or a variation of it, for the core text blocks. Sizing will depend on what is being presented and if additional text is added to support the chart, but will vary between 12 and 24 point font.

Data Sources

- “CTA - Bus Routes - Shapefile | City of Chicago | Data Portal.” *Data.cityofchicago.org*, data.cityofchicago.org/Transportation/CTA-Bus-Routes-Shapefile/d5bx-dr8z. Accessed 1 Nov. 2021.
- “Passengers All Carriers - All Airports.” Bureau of Transportation Statistics. Accessed October 30, 2021. https://www.transtats.bts.gov/Data_Elements.aspx?Data=2.
- “RTAMS | Regional Transportation Authority Mapping and Statistics.” Rtams.org, rtams.org/dataset/cta-ridership/resource/63d6ed74-5eb0-4063-872b-9d1962d3af7f#. Accessed 1 Nov. 2021.
- “Transportation to Work.” Transportation to Work - CKAN. Publisher California Department of Public Health, September 8, 2021. <https://catalog.data.gov/dataset/transportation-to-work>.
- “U.S. International Air Passenger and Freight Statistics Report.” U.S. Department of Transportation. Accessed October 30, 2021. <https://www.transportation.gov/policy/aviation-policy/us-international-air-passenger-and-freight-statistics-report>.

Text Sources

- Jobe, Jeffrey, and Greg P. Griffin. “Bike Share Responses to Covid-19.” *Transportation Research Interdisciplinary Perspectives* 10 (2021): 100353. <https://doi.org/10.1016/j.trip.2021.100353>.
- “The TRB Library.” Transportation Research Board. Accessed October 30, 2021. <https://www.trb.org/InformationServices/TRBLibrary1.aspx>.