

### Call Title

Census Data Time Series: Investigating changes in population, households, and behavior over time

### Sponsoring Committee

Census Data for Transportation Planning Subcommittee of the Urban Transportation Data and Information Systems Committee, AED20(1)

### Call Description

The Census Data for Transportation Planning Subcommittee of the Urban Transportation Data and Information Systems Committee, AED20(1), invites you to submit posters for a session focusing on time series of Census data whether over a few years or decades. In keeping with the theme of our parent committee, topics focusing on transportation planning and urban data are requested. Posters will be displayed at the TRB Annual Meeting in Washington, DC, January 2024. Authors of the most innovative posters may be invited to present at the subcommittee meeting or have their work displayed on the AED20(1) website.

To advance the conference agenda, the Planning Committee is seeking abstracts on the use of census data and census-based applications in transportation. These can be **software applications to be demonstrated, papers or posters.**

### Background

The Subcommittee is interested in seeing how people can utilize Census data by itself or in combination with other data sources to understand how populations, households, or behaviors can be compared over time.

With the release of the 2020 decennial data, there are many investigations that can be done on how demographics, households, populations, and behaviors have changed over recent decades on a local, regional, state, or national level. Have you done analysis to understand these differences or similarities over different decades or time periods?

While it is possible to look at data over decades, there has also been much interest in data over the most recent years. With events like the Covid-19 pandemic, increases in work from home, emergence of new travel modes, and other demographic and travel behavior changes, looking at the data available over the past few years can be very enlightening. What have you been able to investigate in data from consecutive years? Have you found any new patterns or consistent trends? Have you found temporary disruptions or discovered new behaviors?

The Subcommittee is interested in learning about your experiences comparing Census data over different time periods or years. What data have you been able to use? What have you discovered in your work with various datasets from different years or decades? This is also an opportunity to share the challenges and lessons learned from working with data from different time periods.

### Evaluation Criteria

Posters must incorporate data from a Census data product that include but are not limited to Decennial Census data, the American Community Survey, LEHD, Economic Census data, and AASHTO Census Transportation Solutions (ACTS, formerly CTPP). Additional data sets may be used.

A broad range of abstracts relating to Census Data over time are welcome. Preference will be given to posters which emphasize the following:

- Analysis to solve complex problems;
- Creative ways to visualize Census data;
- New approaches to analyzing Census data;
- Posters that use demographic data to improve or help understand either of these topics; and/or
- Topics that address applications towards urban areas

A session-development panel will review all abstracts to identify those that most effectively demonstrate innovative analysis of Census data over time. The subcommittee hopes to identify posters representing a diverse array of uses and applications. Applicants will be notified in late September of their selection.

### Poster Session Guidelines

Those selected for this session will prepare a poster for presentation at the 2024 Annual Meeting in January. **Participants are not required to prepare a paper.** Each presenter will be provided with a table and a 4' x 8' vertical panel for displaying posters and other materials. An electrical connection will be available at each station. Telephone and **internet connections will not be available.** TRB's guidelines for poster presenters are not yet available, but it is expected that all guidelines once available should be followed. Presenters are expected to register for the TRB meeting and participate in this session. Presentation teams are welcome.

### Submission Instructions

A special deadline for submittals has been established. Interested candidates should submit an abstract explaining their project and poster concept by 11:59 pm EDT on **Friday, September 15, 2023**. The abstract should be no more than a single one-sided page in length (approximately 500 words) and include:

- Main Contact information (name, agency/organization, phone number, email address)
- List of all authors of the poster including each person's name, agency/organization, and email address
- Title of your proposed poster for use in the Annual Meeting agenda
- Data sources that your poster will focus on
- Explanation of the project, research, or process sets
- Any innovative discoveries or lessons learned about fusing the various data sources, or investigating these topics that would be useful to the transportation community
- Preliminary description of the information to be conveyed in your poster

You are welcome to include links to on-line materials that illustrate the analysis or results described in your abstract, but this will not substitute for the information requested in the abstract.

The subcommittee will not consider sales presentations for products or services.

Abstracts should be in a PDF format and submitted to:

Kathy Yu

kyu@nctcog.org

Include the term "**AED20(1) Poster Abstract 2024**" in the subject line.

#### For More Information

Questions about the poster session or the abstract submittal process should be directed to:

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817-608-2343

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