

# Data Resources & Requests

Presenter: Ibrahim Itani Ph.D.

Date: September 24 & 25, 2024



# Available Resources on SACOG website

The screenshot displays the SACOG website interface. At the top, the SACOG logo is on the left, and navigation links for 'Jobs', 'Contact', and 'Request Data' are on the right. Below these is a search bar. A dark teal navigation bar contains links for 'About', 'Planning', 'Funding', 'News & Updates', and 'Meetings & Agendas'. The 'Planning' link is highlighted. On the left side of the page, a light blue sidebar lists various resources, with 'Data Resource Center' highlighted in green. The main content area features the title 'Data Resource Center' and a paragraph stating that SACOG focuses on information-based decision making. Below this is an image of a person pointing at a map. Further down, the text explains the scope of SACOG's data and provides a link to request data. At the bottom, four cards are displayed: 'Open Data Portal' (highlighted with a red box), 'Travel Demand Model', 'Project Performance Assessment Tool', and 'SB 743 Technical Assistance'.

**SACOG**

Jobs Contact Request Data

Search

About Planning Funding News & Updates Meetings & Agendas

- 2025 Blueprint
- 2020 MTP/SCS
- Transportation
- Land Use
- Major Initiatives
- **Data Resource Center**
  - Data Requests
  - Open Data Portal
  - Project Performance Assessment Tool
  - SB 743 Technical Assistance
- + Travel Demand Model
- Planning Resources

Planning »

## Data Resource Center

SACOG focuses on information-based decision making by providing state-of-the-art data and tools to members, partners, and residents.



SACOG creates and maintains a tremendous quantity of data about the Sacramento region which covers El Dorado, Placer, Sacramento, Sutter, Yolo and Yuba Counties and the cities within each county. Please note that SACOG does not cover the Tahoe Basin portions of El Dorado or Placer County nor the City of South Lake Tahoe. Those geographies are covered by the Tahoe Regional Planning Agency (TRPA) however many data sources do not break out the Tahoe Basin separately.

### SACOG Data Resources

This website contains only a small portion of the data that are available. If we don't have the data you're looking for, we may be able to refer you to another source(s) of information. [Request data here.](#)

**Open Data Portal**

High quality information to explore and visualize data.

**Travel Demand Model**

Understanding how people travel today and consider how they will travel in the future.

**Project Performance Assessment Tool**

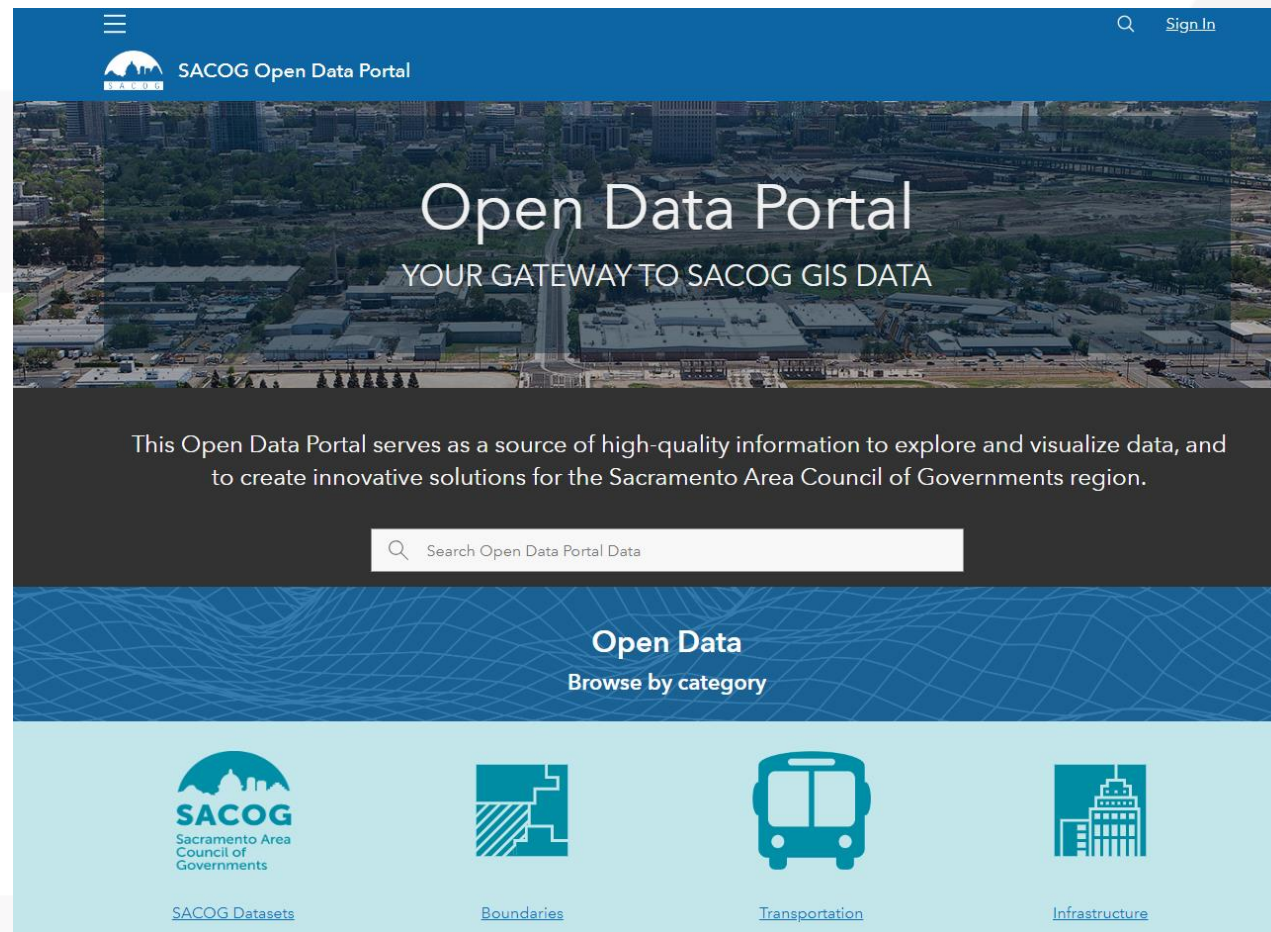
The PPA tool links the numerous data sources SACOG tracks and maintains with key policy objectives of the region's

**SB 743 Technical Assistance**

SACOG is committed to providing ongoing modeling and data support to member agencies for SB 743

<https://www.sacog.org/planning/planning-resources/data>

# Available Resources



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AboutPlanningFundingNews & UpdatesMeetings & Agendas

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- Transportation
- Land Use
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Planning »

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# Available Resources

## Land Use Processing Tools

SACSIM land use inputs are the primary data source for households and jobs on each parcel. While SACSIM does not require land use input updates to run, users may wish to make their own adjustments to land use and population to test alternative scenarios. To aid users in making these adjustments, SACOG staff have provided multiple processing tools and documentation to help users assemble SACSIM's parcel-point land use and population inputs. Assembly of additional land use inputs such as school employment and enrollments, street pattern, off-street parking supply and cost, and transit proximity are also described in the resources below.

To learn more about preparing SACSIM land use inputs, check out these SACSIM documentation links:

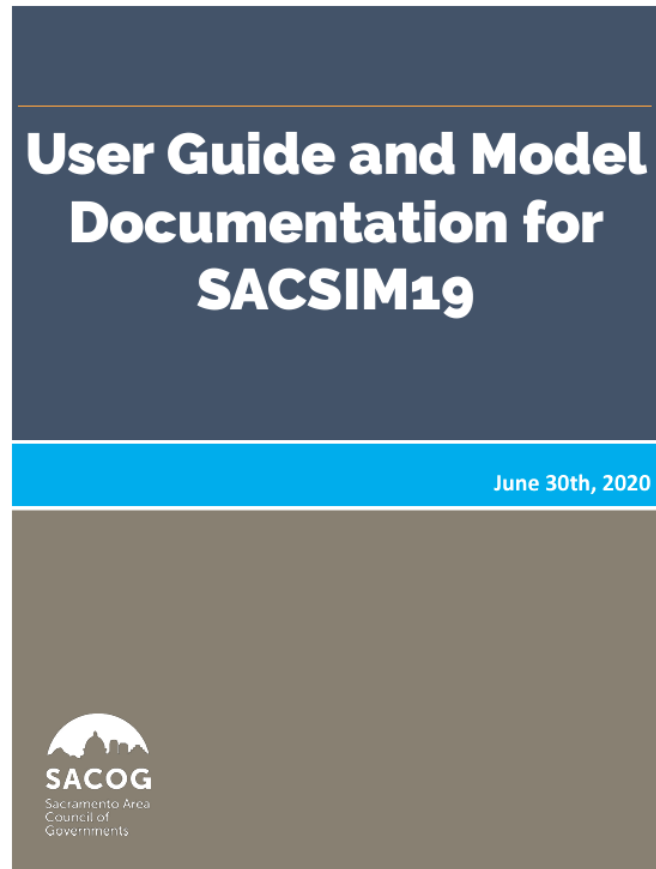
1. [Land Use Processing Resources and Tools](#)
2. [Land Use Data](#)
3. [Representative Population Data](#)
4. [DAYSIM Reference Guide](#)
5. [Circuity Surface Data Preparation Map](#)
6. [Run POPGEN](#)

To request processing spreadsheets and supplemental resources, contact [sacsim@sacog.org](mailto:sacsim@sacog.org) and a link will be provided to our FTP site.

SACOG also provides python scripts for land use input processing. These scripts are available on [SACOG's GitHub](#).

# Available Resources

## Model Documentation



# Available Resources

GitHub

Product Solutions Resources Open Source Enterprise Pricing

SACOG / SACSIM19 Public template

<> Code Issues Pull requests Discussions Actions Projects Security Insights

main 3 Branches 0 Tags Go to file <> Code

kshipley added 2d968c4 · last year 149 Commits

|                |                                                             |             |
|----------------|-------------------------------------------------------------|-------------|
| Land_Use_Prep  | Update                                                      | 3 years ago |
| ilut_tools     | added docstring instructions to SACSIM19_AssnOnly_wLastT... | 2 years ago |
| model_network  | update                                                      | last year   |
| model_scripts  | added                                                       | last year   |
| transit        | added gtfs_linesummary.py                                   | 2 years ago |
| .gitattributes | Initial commit                                              | 4 years ago |
| .gitignore     | updated .gitignore to ignore .vscode files                  | 3 years ago |
| LICENSE        | Update LICENSE                                              | 3 years ago |
| README.md      | add more info to main README.md                             | 3 years ago |

README MIT license

# Available Resources

## SB 743 Support Page

### Analysis Tools

Analysis Tools space provides tools and documentation supplementary to general SACSIM processes. SACOG modeling team will continue to update this page with additional analysis tools as needed for regional forecasting support to member agencies. For questions regarding the analysis tools, contact SACOG modeling staff at [sacsim@sacog.org](mailto:sacsim@sacog.org).

Land Use Processing

Data Links

**SB 743**

SACOG is committed to providing ongoing modeling and data support to member agencies for SB 743 implementation.

- [Draft SACSIM VMT Calculation Procedures](#)
- [SACOG Outside the Region VMT Estimation Documentation](#)
- [Outside SACOG VMT Estimation Steps.xlsx](#)

# Available Resources

## Explore Past Conference Materials

**2022 Travel Demand Model User Conference**

+

**2021 Travel Demand Model User Conference**

+

**2020 Travel Demand Model User Conference**

+

**2019 Travel Demand Model User Conference**

+

# How can you request data?

- If data is not readily available on the website submit a data request.
- Go to the Data Requests webpage.

<https://www.sacog.org/planning/data-resource-center/data-requests>



# Who can request data?

- City and county staff
- Consultants
- Environmental agencies and organizations
- Educational institutes
- All other interested parties

# How can you request data?



JobsContactRequest Data

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  - Travel Demand Model
- Planning Resources

Staff

Shiple, Kyle

Senior Analyst

(916) 340-6220

Email

MORE STAFF

Planning » Data Resource Center »

## Data Requests

Font Size: + - + Share & Bookmark Feedback Print



For travel modeling, land use, and other data-related requests, SACOG staff can help assist by filling out the [Data Request Form](#).

[Click here](#) to sign up to receive email notifications at check "Transportation Modeling and Data Analysis"

Also, check out the [Open Data Portal](#) for access to GIS data layers readily available. For travel modeling support contact [sacsim@sacog.org](mailto:sacsim@sacog.org)

# Filling out the data request form

## Data Use Acknowledgement

Enter your contact information to start the signing process.

Review document

By clicking the button above and using PandaDoc's services — including access and review of documents — I understand that PandaDoc may collect certain personal information to provide services and enhance user experience, as detailed more fully in PandaDoc's [Privacy Notice](#).

# Filling out the data request form

14 fields required. Finish

Data Use Acknowledgement1 of 1 document

Fill in

**SACOG DATA DISCLOSURES, TERMS AND CONDITIONS**

**WHEREAS**, the Sacramento Area Council of Government ("SACOG") is the owner of certain data regarding  [e.g. Modeling Data, VMT per capita map, land use data, parcel boundary data, etc.] (the "Data"); and

**WHEREAS**, the undersigned ("User") has requested access to the Data for purposes of performing transportation research, modeling or planning activities as more particularly described in the Data Request Form submitted on  , attached hereto and incorporated herein as Exhibit "A"; and

**WHEREAS**, this Data Disclosure Terms and Conditions ("Agreement") outlines the terms and conditions of use of the Data.

**NOW, THEREFORE**, in consideration of User's receipt and access to the Data, User agrees that User's use of the Data is subject to the following terms, covenants and conditions:

1. User is hereby provided the right, without any fee or cost, to perform analyses with the Data for the purpose identified in Exhibit "A", subject to the provisions of this Agreement. In the event that User should use the Data for purposes other than those described in Exhibit "A", User agrees to notify SACOG of such use.
2. User hereby acknowledges and agrees to use the Data solely in accordance with the provisions of this Agreement and that the names Sacramento Area Council of Governments, SACOG, SACOG Board, or the names of any SACOG member agencies may not be used in any marketing or publicity materials to advertise, endorse or promote any products or commercial entities utilizing the Data. User may publish the results of the research performed by User provided credit is given to SACOG for use of the Data in any underlying study or analysis.
3. USER AGREES TO INDEMNIFY, SAVE AND HOLD HARMLESS SACOG AND ITS MEMBER AGENCIES, BOARD MEMBERS, AFFILIATES, OFFICERS, AGENTS, AND EMPLOYEES AGAINST ANY CLAIM OR DEMAND, INCLUDING REASONABLE ATTORNEYS' FEES, RELATED OR ARISING FROM USER'S USE OF THE DATA.

# Filling out the data request form

**The undersigned has read and understood this Agreement and acknowledges and agrees to abide by the terms herein.**

 **Signature**

**Name**

**Organization**

**“User”**

# Filling out the data request form

## EXHIBIT "A"

### Data Request Form

Name:

Agency:

Address:

Email:

Telephone:

Date:  

# Filling out the data request form

1. Specify the Data being requested?

Enter value

2. Describe the analysis (general motivation and approach) that you would like to perform using the Data.

Enter value

3. Please identify the users of the data. If the User is consultant/contractor, identify the names of the contracted Agency, and the project(s) and the project manager(s).

Enter value

# Filling out the data request form

## 1. Specify the Data being requested?

VMT Data

## 2. Describe the analysis (general motivation and approach) that you would like to perform using the Data.

VMT analysis in X county

## 3. Please identify the users of the data. If the User is consultant/contractor, identify the names of the contracted Agency, and the project(s) and the project manager(s).

Consultant Y

## 1. Specify the Data being requested?

Parcel level household VMT per capita for year 2035.

## 2. Describe the analysis (general motivation and approach) that you would like to perform using the Data.

Identifying areas with high and low VMT per capita in city X.

## 3. Please identify the users of the data. If the User is consultant/contractor, identify the names of the contracted Agency, and the project(s) and the project manager(s).

Consultant Y working with staff member Z on the General Plan Update for city X.

# Follow up from SACOG Staff

- Expect a quick response if you requesting available files
- If analysis or postprocessing is required the requests will be considered on a case-by-case basis usually requesting:
  - Additional context
  - Details
  - Timeline

# Data request type examples

- GIS layer for a published map
- Housing data
- Travel data
- Model run files
- Dwelling unit and employment summaries
- Loaded network with traffic volumes
- Trip tables

# Data request examples

- Base-year and future year model run files to run a traffic impact analysis in Placer County

The screenshot displays a SharePoint 'Data Sharing' interface. On the left is a navigation pane with links to Home, Conversations, Documents, Shared with us, Notebook, Pages, Site contents, Recycle bin, and Edit. The main area shows a breadcrumb path: Documents > General > SACSIM19 > SACSIM19.03.01 > scenarios > **SACSIM19.03.01\_2016**. Below the path is a table with columns: Name, Modified, and Modified By. The table lists four folders: daysim, input, output, and SACSIM19.03.01\_2016, all modified on March 11, 2023, except for the last one which was modified on March 23, 2023. All folders were modified by Ibrahim Itani.

| Name                | Modified       | Modified By   |
|---------------------|----------------|---------------|
| daysim              | March 11, 2023 | Ibrahim Itani |
| input               | March 11, 2023 | Ibrahim Itani |
| output              | March 11, 2023 | Ibrahim Itani |
| SACSIM19.03.01_2016 | March 23, 2023 | Ibrahim Itani |

# Data request examples

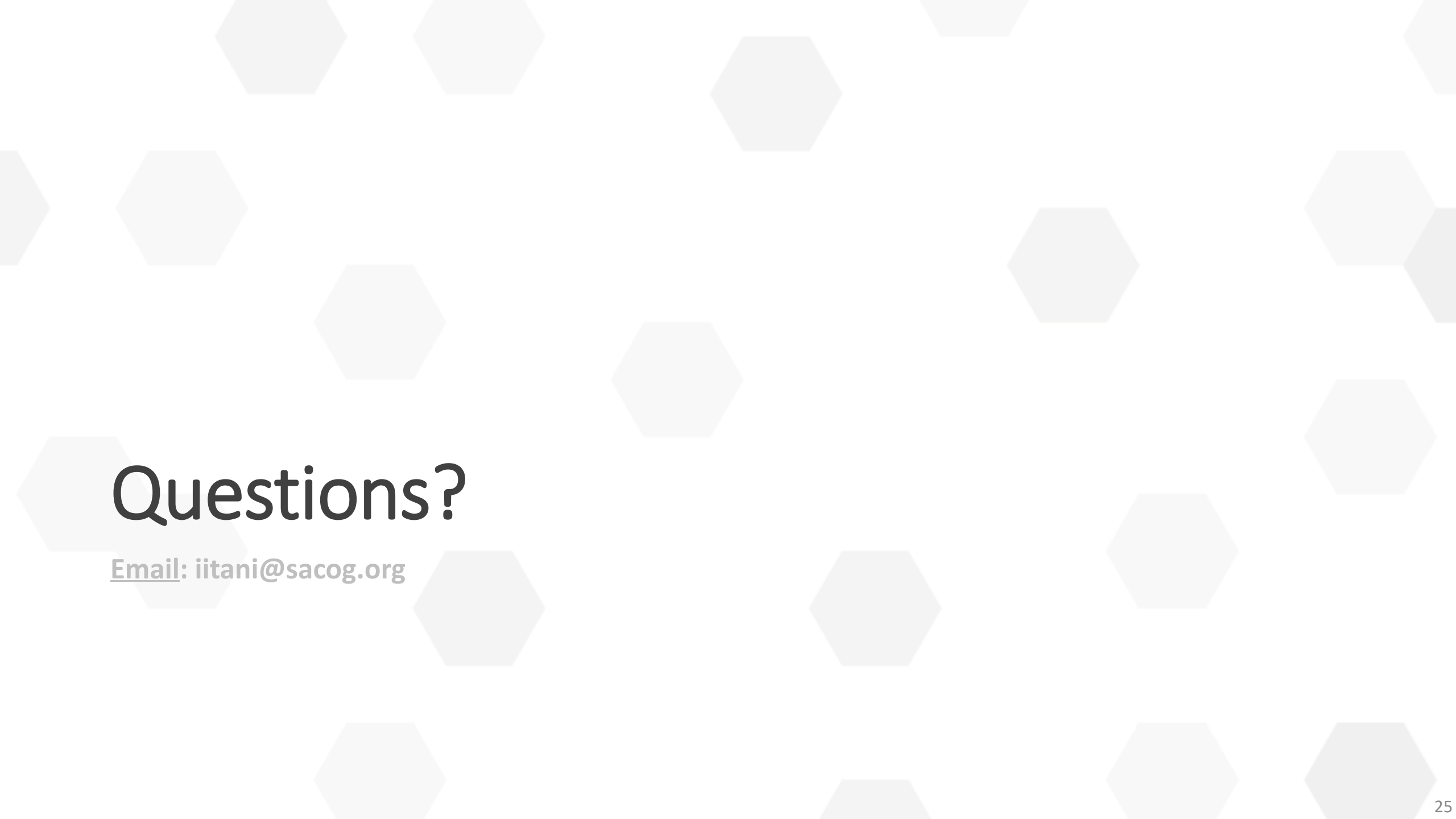
- Population and employment projections by TAZ in support of planning efforts for the City of Rancho Cordova's General Plan.
- Current census data and projected population and employment growth in El Dorado County
- Accessibility metrics in support of a grant application for a trail in Yolo County
- Replica data on commuter behavior between South Natomas and Downtown Sacramento
- Transit trip growth forecasts in support a grant application by SacRT

# Data request examples

- Model run files for a prospective rail stop study
- Parcel level job and housing information for a jobs analysis
- Number of commuter trips ending in certain block groups
- Population projection for a water needs study
- GIS files for residential VMT and Work Tour VMT Maps for a SB743 analysis
- Model run files and trip tables for a research project focusing on microtransit at UC Irvine in partnership with SacRT

# Trainings

- Previously provided trainings:
  - Land use preparation
  - Population synthesis
  - Running SACSIM19
  - Project performance assessment tool
  - Other
- Future Trainings:
  - A new land use updating tool
  - SACSIM23
- Travel Model User Guide
- SB743 support page
- Fill out a data request / contact [sacsim@sacog.org](mailto:sacsim@sacog.org) or a staff member



# Questions?

Email: [iitani@sacog.org](mailto:iitani@sacog.org)