Tab 15

CALTRANS TRANSPORTATION EQUITY INDEX

OCTOBER 2022 – CALIFORNIA TRANSPORTATION COMMISSION

TONY DANG, AICP

DEPUTY DIRECTOR FOR SUSTAINABILITY

IMPETUS FOR EQUITY INDEX (EQI)

- Operationalizes Caltrans Equity Statement

- Delivers Action S3.4 under the Climate Action Plan for Transportation Infrastructure (CAPTI)

- Meets statutory obligations for developing data-driven definition for underserved communities under the Reconnecting Communities: Highways to Boulevards Pilot Program (Cal. Sts. & Hy. Code § 104.3)

EQI APPROACH

- Granularity

- Limited Set of Transportation-Specific Indicators

- Spatially-Significant Indicators

- Nexus Between EQI Indicators and Transportation Project Scoping, Design, and Evaluation

DATA AND INDICATORS

- Demographic Overlay
  - Household income; race and ethnicity data
- Traffic Exposure Indicator
  - Traffic proximity and volume, crash exposure data
- Access to Destinations Indicator
  - Ratio of multimodal access (transit and walking) to auto access

EQI SCREENS

Demographic Overlay **Transportation Indicators** **EQI Screens**

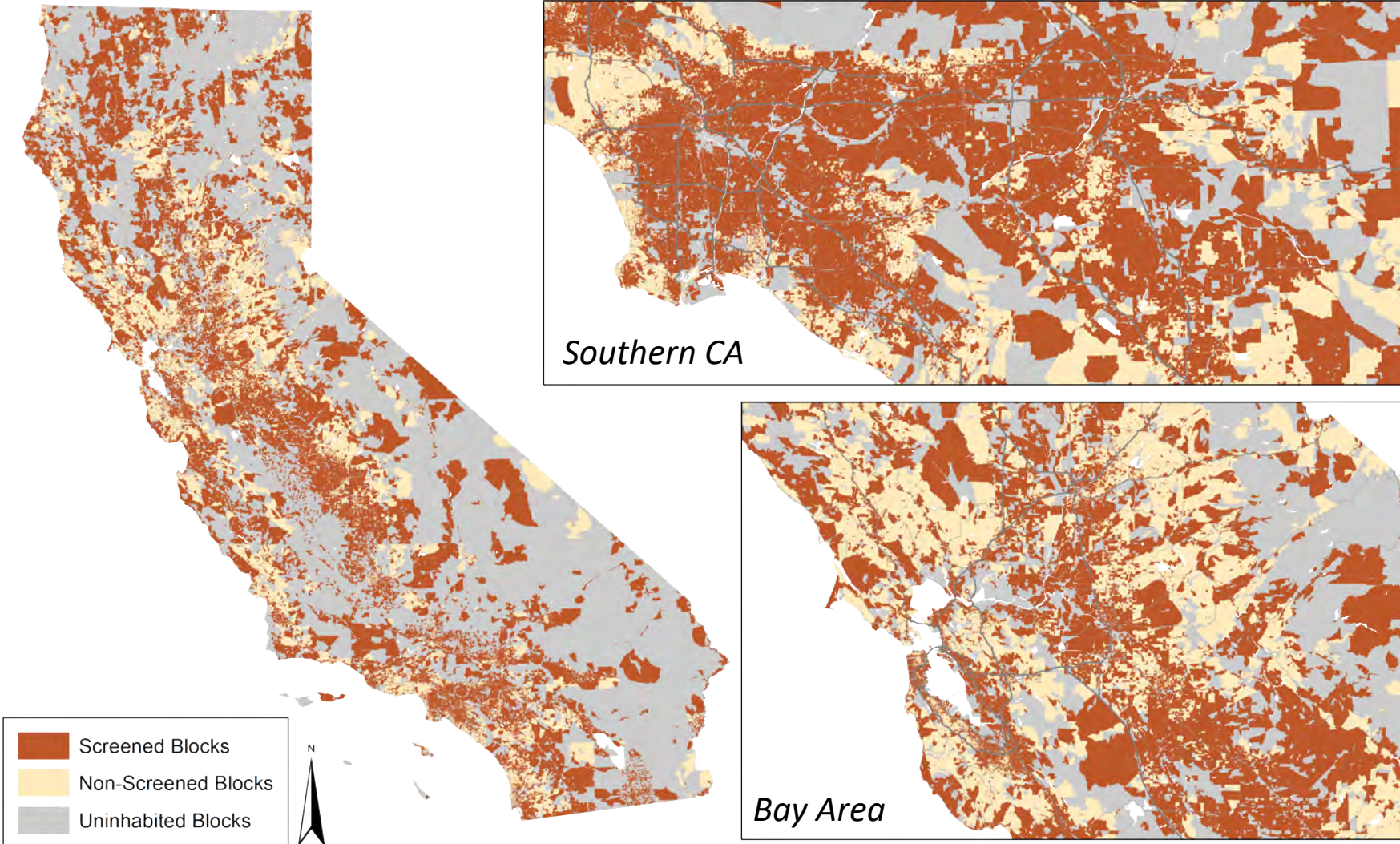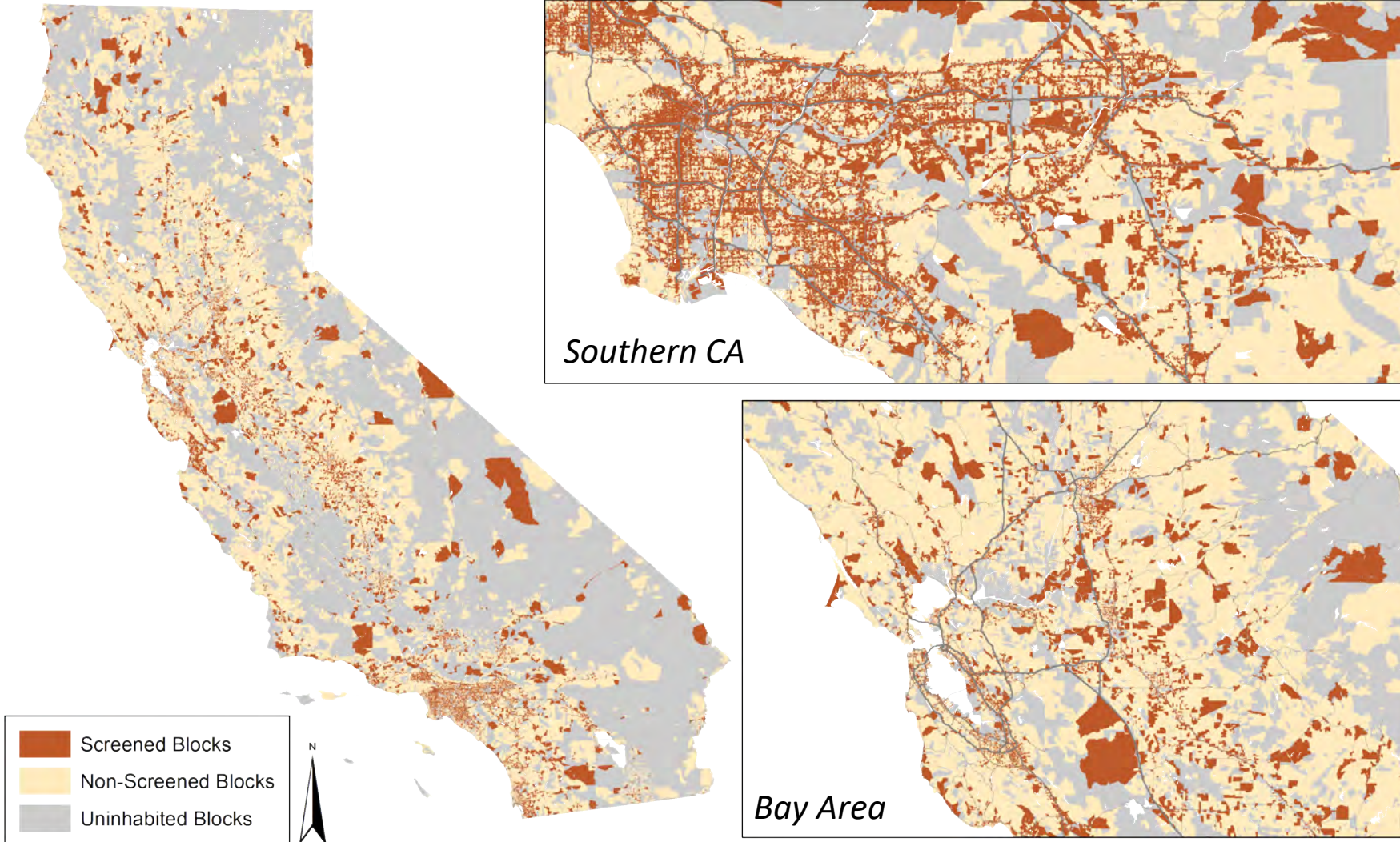| Demographic Overlay | + | Traffic Proximity and Volume **OR** Crash Exposure | = | Traffic Exposure Screen |
| Demographic Overlay | + | Access to Destinations | = | Access to Destinations Screen |
| Demographic Overlay | + | Traffic Proximity and Volume **OR** Crash Exposure **AND** Access to Destinations | = | Priority Populations Screen |
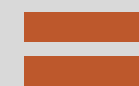
Demographic Overlay
Total Population Coverage: **79%**

Southern CA

Bay Area

Household Income OR Race/Ethnicity

Legend:
- Screened Blocks
- Non-Screened Blocks
- Uninhabited Blocks

N

Traffic Exposure Screen
Total Population Coverage: **33%**

Southern CA

Bay Area

Screened Blocks
Non-Screened Blocks
Uninhabited Blocks

N

Access to Destinations Screen
Total Population Coverage: **67%**

Southern CA

Bay Area

Screened Blocks
Non-Screened Blocks
Uninhabited Blocks

Priority Populations Screen
Total Population Coverage: **27%**

Southern CA

Bay Area

Screened Blocks
Non-Screened Blocks
Uninhabited Blocks
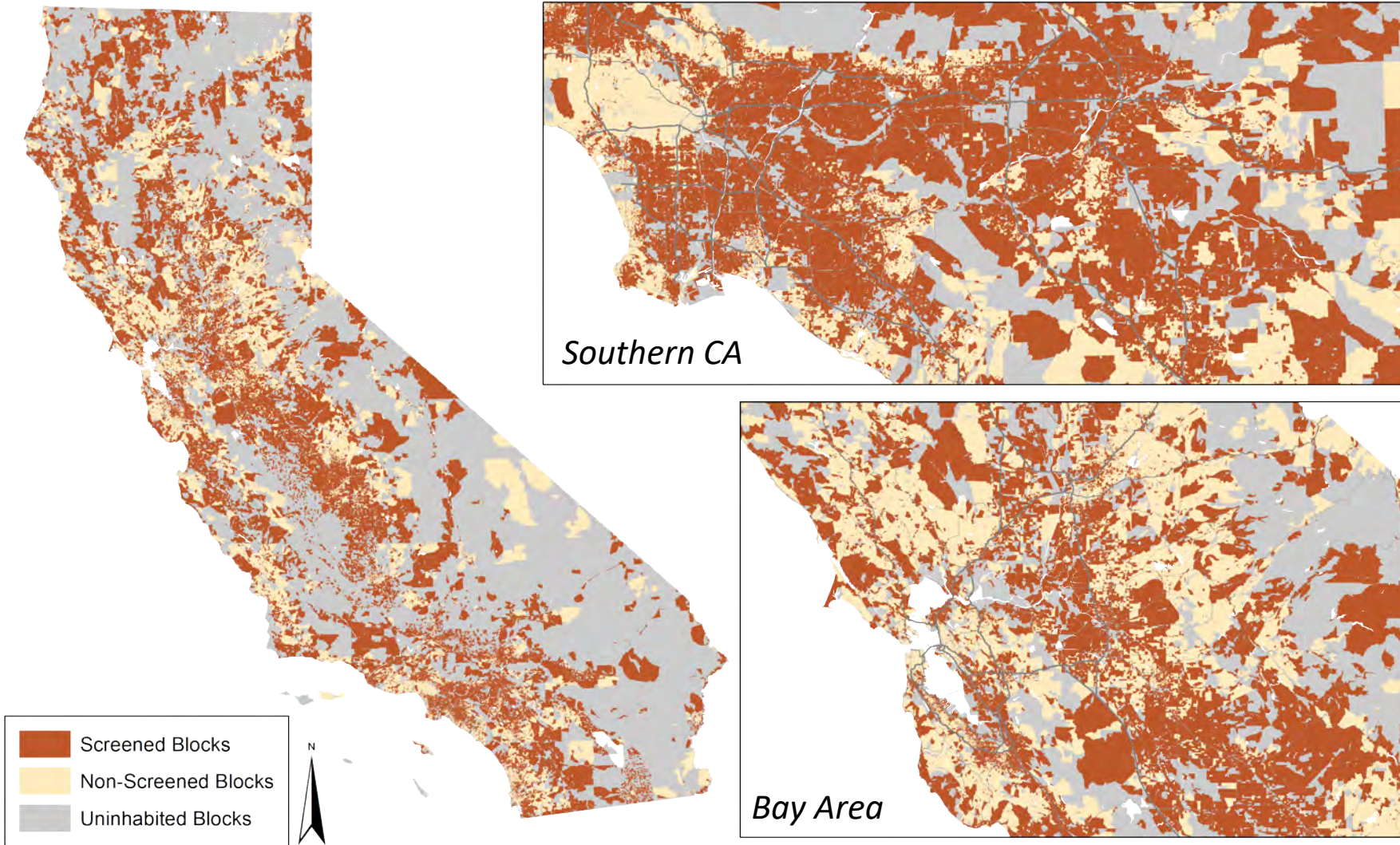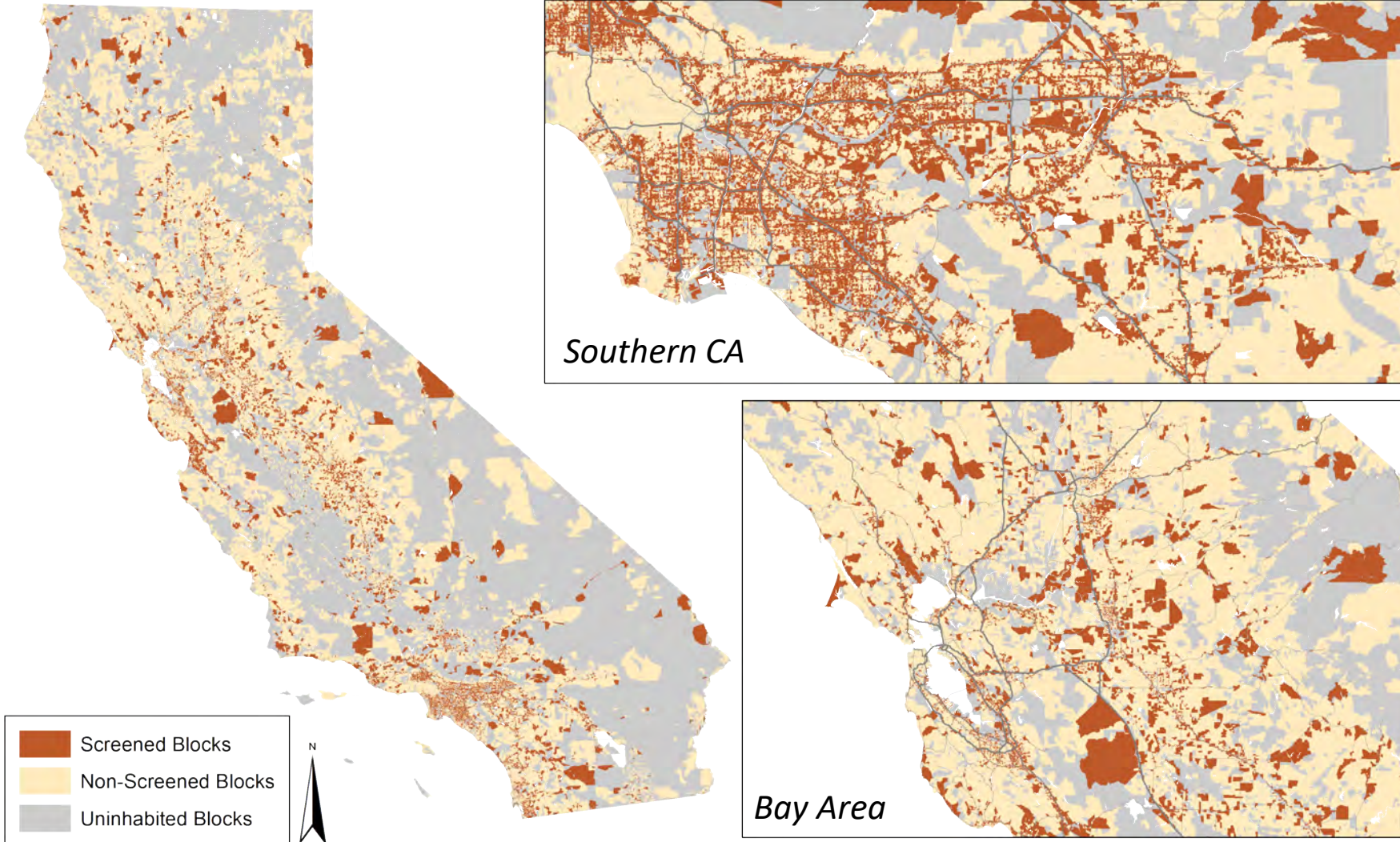
NEXT STEPS

- Public Stakeholder Survey, closes 10/31/2022: https://forms.office.com/g/BpmuNtfQnp

- Information Session #2 and Beta EQI Release – December 2022

- Stakeholder Listening Sessions – early 2023

Caltrans EQI EMAIL:
CaltransEQI@dot.ca.gov

Website:
https://dot.ca.gov/programs/planning-modal/race-equity/eqi