MEETING OF THE
TECHNICAL WORKING GROUP

Thursday, September 15, 2022
10:00 a.m. – 12:00 p.m.

JOIN ZOOM MEETING
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MEETING ID: 142 774 637

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Kevin Kane at (213) 236-1828 or kane@scag.ca.gov. Agendas for the Technical Working Group are also available at https://scag.ca.gov/technical-working-group

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation in order to participate in this meeting. SCAG is also committed to helping people with limited proficiency in the English language access the agency’s essential public information and services. You can request such assistance by calling (213) 630-1402. We request at least 72 hours (three days) notice to provide reasonable accommodations and will make every effort to arrange for assistance as soon as possible.
Agenda

1. Federal Performance Measures Existing Conditions Report  
   *Mike Gainor*  
   15 Minutes

2. Draft Technical Methodology for Connect SoCal 2024  
   *Camille Guiriba*  
   20 Minutes  
   Packet Page 5

3. REAP 2.0 Tools Update  
   *Tom Vo & Megan Dearing*  
   20 minutes  
   Packet Page 9

4. Regional Advanced Mitigation Program (RAMP) Update  
   *India Brookover*  
   10 Minutes  
   Packet Page 19

5. Regional Resilience Framework (RRF) Update  
   *Lorianne Esturas*  
   10 Minutes  
   Packet Page 22

6. 2022 Racial Equity Baseline Conditions Report Update  
   *Anita Au*  
   15 Minutes  
   Packet Page 27

7. Open discussion
### July 21, 2022: Membership Attendance

#### Land Use Authorities

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<th>Affiliation</th>
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<tr>
<td>Aube, Nicolle</td>
<td>Senior Analyst</td>
<td>City of Huntington Beach</td>
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<tr>
<td>Chung, Chris</td>
<td>Urban Planner</td>
<td>City of Garden Grove</td>
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<td>Eastman, Jay</td>
<td>Planning Manager</td>
<td>City of Corona</td>
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<td>Equina, Justin</td>
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<td>Kim, Susan</td>
<td>Director, Community &amp; Economic Dev.</td>
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<td>Marino, Lee</td>
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<td>Pallini-Tipton, Conni</td>
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<td>City of Los Angeles</td>
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<td>Shiomoto-Lohr, Gail</td>
<td>Regional Planning Consultant</td>
<td>City of Mission Viejo</td>
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<td>Taylor, Matthew</td>
<td>Senior Planner</td>
<td>City of Riverside</td>
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<tr>
<td>Wikstrom, Alexander</td>
<td>Transportation Planning Associate II</td>
<td>City of Los Angeles</td>
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#### Regional Partners

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<td>Director, Planning &amp; Sustainability</td>
<td>VCTC</td>
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<td>Garfio, Angel</td>
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</tr>
<tr>
<td>Hang, Ivy</td>
<td>Senior Transportation Analyst</td>
<td>OCTA</td>
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<tr>
<td>Huddleston, Lori</td>
<td>Transportation Planning Manager</td>
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<td>Koblasz, Ginger</td>
<td>Senior Planner</td>
<td>SBCTA</td>
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<td>Lee, Josh</td>
<td>Chief of Planning</td>
<td>SBCTA</td>
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<td>Logasa, Brianne</td>
<td>Management Analyst</td>
<td>SGVCOG</td>
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<td>Wallace, Hon. Colleen</td>
<td>Mayor Pro Tem</td>
<td>WRCOG (City of Banning)</td>
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#### Regulatory & Coordinating Agencies

| Gabriel Miranda, Jude | Transportation Planner | Caltrans |

#### Field Experts

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<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
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<tr>
<td>Diep, Deborah</td>
<td>Director</td>
<td>CDR/CSUF</td>
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<tr>
<td>Rodnyansky, Seva</td>
<td>Assistant Professor</td>
<td>Occidental College</td>
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#### Alternates, Self-Identified Non-Members & Public Attendees

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<tr>
<td>Bai, Lin</td>
<td>Data Analyst I</td>
<td>City of Los Angeles</td>
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<td>Duymich, Chris</td>
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<td>Estrada, Cesar</td>
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<td>Kain, Robert</td>
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<td>Houseal Lavigne</td>
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<td>Prince, Meg</td>
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<td>Tsao, Jack</td>
<td>Data Analyst II</td>
<td>City of Los Angeles</td>
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1. CONNECT SOCAL 2024 LOCAL DATA EXCHANGE (LDX) STATUS UPDATE

Tom Vo presented an update on the Connect SoCal 2024 LDX process, noting key milestones achieved thus far and the upcoming deadline for input. Matthew Taylor (City of Riverside), Ivy Hang (OCTA, nonmember), Josh Lee (SBCTA), Emily Gable (City of Los Angeles), Robert Kain (Houseal Lavigne, nonmember), Conni Pallini-Tipton (City of Los Angeles), Gail Shiomoto-Lohr (City of Mission Viejo) and Deborah Diep (CDR/CSUF) provided comments for discussion.

2. LDX EDITOR MODULE DEMO

Jonah Pellecchia demonstrated the various tools available on the Regional Data Platform in a deep-dive demonstration of the LDX Editor Module. No comments were provided.

3. PRELIMINARY GROWTH FORECAST METHODOLOGY – DISCUSSION & NEXT STEPS

Kevin Kane presented the Preliminary Growth Forecast Methodology used for Connect SoCal 2024, facilitating a focused discussion on input evaluation and next steps. Gail Shiomoto-Lohr and Deborah Diep participated in the discussion.

4. GREEN REGION RESOURCE AREAS (GRRA) Methodology for LDX

Kim Clark presented on the GRRA Methodology used for the LDX, tying together the objective for a Forecasted Regional Development Pattern, SB 375 Resource Areas and strategies from Connect SoCal 2020. The presentation included the datasets used, a preview of the maps included in the Data/Map Books and the LDX Timeline. Deborah Diep and Gail Shiomoto-Lohr provided comments for discussion.

5. REGIONAL HOUSING NEEDS ALLOCATION (RHNA) REFORM

Ma’Ayn Johnson presented an overview of RHNA Reform brought on by the issues raised during the 6th RHNA cycle, including a timeline of upcoming key milestones for input regarding reform. The presentation included comment highlights from a RHNA Input Session held in early July as well as a facilitated discussion. Nate Farnsworth (City of Yorba Linda), Gail Shiomoto-Lohr and Deborah Diep provided comments.
Technical Methodology
Connect SoCal 2024
Regional Transportation Plan/Sustainable Communities Strategy

Camille Guiriba
Planning Strategy

www.scag.ca.gov

What is Connect SoCal?

REGIONAL TRANSPORTATION PLAN / SUSTAINABLE COMMUNITIES STRATEGY

Connect SoCal is a 20+ year plan with 6,000+ transportation projects, a regional development pattern and many supportive programs and strategies.
**What Is the Connect SoCal 2024 Schedule?**

- **Foundations and Frameworks**
- **Data Collection and Policy Development**
- **Outreach and Analysis**
- **Draft Plan and Adoption**

| 2021 | 2022 | 2023 | 2024 |

**What Is the Technical Methodology?**

- Methods for calculating greenhouse gas (GHG) emissions
  - Explains how SCAG will estimate GHG reductions from Connect SoCal using the activity-based model or other off-model method
- Required by California Air Resources Board (CARB)
  - Every MPO must submit to CARB prior to starting their formal public participation process
  - Connect SoCal 2024 public workshops slated to start in Spring 2023

SCAG’s 2035 GHG Reduction Target: **19% from 2005 levels**
What Is In the Technical Methodology?

- Existing Conditions
- Population, Household, and Employment Growth Forecasts
- Modeling Background and Assumptions
- Approaches for quantifying GHG emission reductions for potential Connect SoCal strategies

What are the Connect SoCal Strategies?

- Pricing (Congestion Pricing, Express Lanes, Mileage-Based User Fees)
- Transportation Infrastructure (Bike/Ped Improvements, Transit Projects, Multimodal Dedicated Lanes)
- Infill Development and Density Near Transit
- Transportation Demand Management
- Electric Vehicle Incentives and Infrastructure
- Car Share, Bike Share, and Micromobility
- Co-working
- Average Vehicle Ridership for Job Centers
- Parking Deregulation
- Safe Routes to Schools
What’s Next for the Technical Methodology?

• Now through October 2022: Prepare complete draft
• November 2022: Share draft document with Technical Working Group
• December 2022: Finalize draft
• January 2023: Submit draft to CARB
• Ongoing (2023): Continued SCAG staff refinement of strategies; review and feedback by CARB staff
• April 2024: Submit final Technical Methodology with SCS submission to CARB
Regional Data Platform Expansion
Supported by REAP 2.0 Funds and the Local Info Services Team

Regional Technical Working Group – September 2022
Tom Vo, Megan Dearing, and Julia Lippe-Klein, SCAG

Regional Planning is Complex

**Climate Change**
- Greenhouse Gas Reduction
- Water Resources
- Clean Cities

**Economic Development**
- Regional Land Information Systems

**Sustainability**
- Community Placemaking

**Accountability**
- Regional Housing Needs Assessments

**Affordable Housing**
- Transit Oriented Development

**Transportation and Mobility**
- Open Data
- Goods Movement
- Freightworks

**Long Range Planning**
- Habitat Connectivity
- Air Quality

**COVID-19**
- Public Health
- Grant Writing and Management

**Economic Strategy**
- Smart Growth
- Economic & Demographic Data Apps

**Equity**
- Broadband Access
- Industrial Warehousing

**Community**
- Industrial Development
- Workforce Development

**Health**
- Public Health
- Sustainable Development
Local Planning Need

- 70% of local agencies lacked technical staff to analyze data
- 43% had no in-house GIS support
- 84% shared data through email or other means of direct communication

SCAG Cities by Population

- Very Large >750,000: 19%
- Large 300,000-749,999: 3%
- Medium Large 100,000-299,999: 1%
- Medium 60,000-99,999: 18%
- Small 20,000-59,999: 20%
- Very Small <20,000: 3%

Regional Data Platform Goals

1. Provide access to data, modern tools, and best practices that support stronger planning and information-based decision-making at all levels
2. Streamline the exchange of data with jurisdictions and partners across the region while establishing procedures and standards for geospatial data consistency
3. Establish a community of planners, GIS professionals, and practitioners to foster collaboration and collective learning, as well as guide the long-term growth and evolution of the RDP

Supporting regionally aware local planning
And locally informed regional planning
For a more cohesive and sustainable region...
SCAG’s Regional Data Platform… Delivers Powerful Data and Tools

Accessible Data & Information
Regional Hub
SoCal Atlas

Planning & Engagement Tools
HELPR
General Plan Update Initiative Templates
Parcel Explorer

Data Sharing Tools & Workflows
Local Data Exchange

The Regional Data Platform (RDP) supports planning and data sharing that empowers planners and residents to create sustainable communities.

Making Regional Planning Relevant & Actionable

Local Data
Land Use
Transportation
Priority Development
Geographical Boundaries
Green Region Resource Areas
Growth

Regional Vision
Making Regional Planning Relevant & Actionable

Regional Vision – RHNA Calculator

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<td>Above moderate income (&gt;120% of AMI)</td>
<td>5738</td>
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Local Data - Housing Element Parcel (HELPR) Tool


Regional Data Platform (RDP)

Expanding Reach of Local Planning Support

Local Technical Assistance Grant funded projects

Fontana UGM
Riverside PACT
Active Transportation Plan

Capacity Limitations:
- 4 Yr Planning Cycle
- 30-50 jurisdiction projects

Local Information Services Program
- A centralized information hub
- General Plan update templates
- Local data for local planners

Regional Hub Apps & Maps, https://hub.scag.ca.gov/pages/apps
data

Capacity:
- 2-3 templates/year
- 197 jurisdictions served
Centering on Access & Engagement

**Planning Tools** for local community engagement
- User-friendly SoCal Atlas
- Individualized Data/Map Reports
- Prioritized Equity Areas
- Community Engagement Survey Template
- Web-based General Plan templates
- Local Info Services Team (LIST)

**Local Information Services Team (LIST) Introduction**

- **Purpose** – Coordinate, plan, and develop a system to
  1) Link SCAG’s value-added products (e.g., RDP, HELPR, LDX web, etc.) to help address local information needs
  2) Deliver one-on-one technical assistance
  3) Provide local staff an opportunity to offer feedback on how SCAG can improve our products to facilitate better collaboration, regionally and locally
- Focusing on the **RDP and Local Data Exchange (LDX) process** to obtain inputs from local jurisdictions
- Contact us at list@scag.ca.gov for any questions!
Local Information Services Team (LIST)

The Past, Current, and Future of LIST

- Housing and Safety Element Technical Assistance
  - Conducted 1:1 sessions with 75+ jurisdictions
- Regional Data Platform Technical Assistance
  - Conducted 100+ 1:1 sessions with jurisdictions, COGs, and conferences
- Local Data Exchange Technical Assistance
  - Conducted 1:1 sessions with 92 (and counting!) jurisdictions as of 9/6/2022
- Technical assistance for future tools and resources

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Regional Early Action Program (REAP) 2.0

REAP 2.0 Introduction

AB140 – FY21-22 state budget (May revise)
- ~ $600 million statewide, $500 million formula allocations to MPOs
  - ~ $246 million = SCAG region’s formula share

**Important Dates**

- December 2022
  - Final Application Due to State
- June 2024
  - All REAP 2.0 Funds Obligated
- June 2026
  - All REAP 2.0 Funds Expended
REAP 2.0 Quick Facts

"Transformative planning and implementation activities" which implement the regional Sustainable Communities Strategy (SCS)

Promote infill housing development AND Reduce Vehicle Miles Travelled AND Affirmatively Further Fair Housing

REAP 2.0 Objectives

SCAG’s REAP 2.0 Program Areas

Early Action Initiatives—Connect SoCal Implementation Strategy

Subregional Partnership Program 2.0

Regional Data Platform Tools Technical Assistance

Sustainable Communities Program Technical Assistance

Go Human

County Transportation Commission Partnership Program

Regional Contracts/Pilots

CTC Partnerships – County Projects

Housing Supportive Infrastructure Program

Housing Trust Funds/Preservation

Utilities Infrastructure

Regional TA/Housing Element Support

REAP 2.0 Objectives

Promote infill housing development AND Reduce Vehicle Miles Travelled AND Affirmatively Further Fair Housing

REAP 2.0 Proposed Tools and Resources (Cont.)

RDP 2.0 Proposed Tools and Resources

Disadvantaged Communities Active Transportation Planning Initiative

• Anticipated Outcomes: Integration of the DAC Tool and its companion materials as a resource for jurisdictions across the region to advance active transportation planning.

• Timeline:
  • Determine Consultant strategy & Scope Development (Fall 2022)
  • Procurement (Winter 2022)
  • Tool integration (Spring 2023)
  • Implementation & Technical Assistance (Summer 2023 & each year through June 2026).
**REAP 2.0 Proposed Tools and Resources (Cont.)**

RDP 2.0 Proposed Tools and Resources

**Regional Performance Monitoring Dashboard**

- **Anticipated Outcomes:** Development of an interactive online performance dashboard application, featuring key performance indicators at region, county, & city level, translating data into clearly understood maps & graphics to promote better understanding of Connect SoCal, the performance-based planning process, & the results of regional investments.

- **Timeline:**
  - Finalize SOW (October 2022)
  - Release RFP (January 2023)
  - Select consultant (April 2023)
  - Initiate consultant contract work (July 2023);
  - Complete project (April 2025).

**REAP 2.0 Funded Tools and Resources (Cont.)**

RDP 2.0 Proposed Tools and Resources

**Regional Safety Dashboard**

- **Anticipated Outcomes:** Facilitate data driven approaches to inform local & regional safety policy & planning decision-making. Promote equity in regional safety policies & planning through analysis of impacts on high need areas & protecting vulnerable road users. Enhance safety data resources through integration with SCAG RDP.

- **Timeline:** TBD
REAP 2.0 Funded Tools and Resources (Cont.)

RDP 2.0 Proposed Tools and Resources
LIST Outreach & Technical Assistance

- **Anticipated Outcomes:** A centralized hub for local jurisdictions to engage and request information, technical assistance, and training on the tools and resources in RDP

**Next Steps**

- Finalize and REAP application

Scope of Proposed Tools Development and Procurement → **Engagement, Feedback, and Pilot Testing** → Tools and Resources Deployment

Your input is key!

scag.ca.gov/reap2021
scag.ca.gov/housing
scag.ca.gov/RDP

Local Info Services Team (LIST)
LIST@scag.ca.gov
THANK YOU!
For more information, please visit:
RAMP Status Update

September 15th 2022
India Brookover
Senior Regional Planner, Resource Conservation & Resilient Communities

Regional Advance Mitigation Planning (RAMP) Advisory Task Group (ATG)

Background & Purpose
- 5 Regional Council Members

- Work with staff to establish a policy framework for advance mitigation in the SCAG region, and help align the SoCal Greenprint with regional policy objectives

- Advise on a white paper on Regional Advance Mitigation Planning (RAMP)

- Report findings to Regional Council and Energy & Environment Committee
ATG Work So Far

• Met five times between December 2021 and April 2022

• Listened to best practices on RAMP from transportation agencies

• Reviewed white paper on the regional advance mitigation concept

• Reviewed draft Policy Framework for Regional Advance Mitigation Planning to ensure future Greenprint tool is aligned with regional policy objectives

• At last meeting, voted to pause for 2+ weeks minimum on finalizing draft to continue stakeholder outreach and receive feedback

RAMP

• Draft RAMP Policy Framework posted on SCAG’s webpage

• Open public comment period on draft RAMP Policy Framework

• Updates at SCAG TWG meetings

• 1-on-1 meetings with stakeholders

• Workshops with business consortiums and environmental stakeholders to seek feedback on draft RAMP Policy Framework

• Revised draft white paper and policy framework to reflect comments from ATG members and stakeholders

• Upcoming workshop with public sector stakeholders to provide feedback
  • All TWG members invited to attend. Date and time TBD.
THANK YOU!

For more information, please visit:
brookover@scag.ca.gov
Regional Resilience Framework
Project Update
Technical Working Group
September 15, 2022

Building a More Resilient Region

CHAPTER 6

EXHIBIT A
Revised Mitigation Monitoring and Reporting Program for the Final Connect SoCal PEIR

REGIONAL COUNCIL ADOPTS RESOLUTION

ACTION AFFIRMS CLIMATE CHANGE CRISIS IN SOUTHERN CALIFORNIA
Resilience Work-to-Date

Resilience Policy Lab
- Define "resilience"
- Conduct a resilience assessment
- Support RRF Scope of Work Development
- Integrate resilience into Connect SoCal 2024

Resilience Landscape Analysis
- Gap analysis of climate resilience planning
- Matrix of climate resilience shocks & stressors
- Explore next steps for stakeholder engagement to ground-truth resilience findings

Resilience Work-to-Date: Resilience Definition

The capacity of the SCAG region's built, social, economic and natural systems to anticipate and respond to changing conditions, acute shocks, and chronic stressors by creating multiple opportunities for a sustainable, thriving and equitable future.
Regional Resilience Framework: Project Overview

**Project Timeline**
- 18-month timeline
- June 15, 2022 (kick-off) – Dec 31, 2023 (anticipated)

**Project Goals**
- Define "regional resilience"
- Understand the impacts of disruptions (shocks/stressors) across the region
- Conduct an exploratory scenario planning process
- Identify strategies to reduce vulnerabilities & increase regional resilience
- Conduct meaningful outreach & engagement
- Support implementation of Connect SoCal strategies

**Project Outcomes**
- Building on previous efforts: Expand resilience planning to include natural, built, social and economic resilience to multiple shocks and stressors
- Building regional capacity through outreach and engagement: Create consensus across diverse stakeholders
- Exploratory scenario planning (XSP) process: Understand a range of potential futures
- Resilience Toolkit: Create a toolkit to help jurisdictions integrate resilience into planning processes
**Timeline & Key Deliverables**

### 2022

- **Jun**
  - Project kick-off + Pre-RRF efforts

### 2023

- **Oct – Dec**
  - Shocks/Stressors Matrix; Resilience Indicators

- **Jul – Nov**
  - Resilience Toolkit

**Aug – Oct**
- CBO Focus Group Interviews

**Jan – Jul**
- Exploratory Scenario + Resilience Advisory Committee

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**Alignment with Connect SoCal 2024**

- Guide resilience framing for Connect SoCal 2024 topic areas
- Integrate resilience policies and strategies into Connect SoCal 2024
- Expand on resilience mitigation measures
- Inform & interface with the Connect SoCal 2024 Resilience & Conservation Special Subcommittee
THANK YOU!

Lorianne Esturas, esturas@scag.ca.gov
2022 Racial Equity Baseline Conditions Update

Technical Working Group
September 15, 2022

WWW.SCAG.CA.GOV
Overview

• Released in March 2021
• Provides a preliminary baseline assessment of racial equity in region with stratified data
• Motivate more equitable decision-making for the future
Updates

Data

Indicators

County Narratives
Equity Indicator

7 Disadvantaged Factors

- People of color
- Low income (<200% FPL)
- Seniors (65+ years)
- Youth (<5 years)
- Female-headed households
- Limited English proficiency
- People with disability

Alignment
Trusted
Disadvantaged Factors
Disaggregate
Consistency
Regularity

KEY THEMES
- Economy
- Communities
- Mobility
- Environment

SCAG Technical Working Group 9/15/2022
## Equity Indicators - 2022

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<th>Communities</th>
<th>Mobility</th>
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<td>• Educational Attainment *</td>
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<td>• Female-Headed Households</td>
<td>• Poverty</td>
<td>• Homeownership</td>
<td>• Commute Time</td>
<td>• Wildfire Risk</td>
</tr>
<tr>
<td>• National Origin *</td>
<td>• Unemployment</td>
<td>• Housing Cost Burden *</td>
<td>• Households without a Vehicle</td>
<td>— Air pollution index</td>
</tr>
<tr>
<td>• Limited English Proficiency *</td>
<td>• Working Poor</td>
<td>• Housing Quality *</td>
<td>• Transportation System Mode Share</td>
<td>—</td>
</tr>
<tr>
<td>• People with Disabilities</td>
<td>• High Poverty Neighborhoods</td>
<td>• Life Expectancy</td>
<td>• Households without a Vehicle</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>• Hourly Wage</td>
<td>• Overcrowding</td>
<td>• Transportation System Mode Share</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>—</td>
<td>• SNAP</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

* = indicator with notable data or methodology modifications
Demographics

- Total Population
- Race/Ethnicity Distribution
- Age Distribution
- Female-Headed Households
- **National Origin**
- **Limited English Proficiency**
- People with Disabilities
Economy

- Educational Attainment
- Median Hourly Wage
- Median Household Income
- Poverty
- Unemployment
- Working Poor
- High Poverty Neighborhoods
- Hourly Wage
Community

- Access to Open Space and Parks
- Broadband Access
- Health Insurance
- Homeownership
- Housing Cost Burden
- Housing Quality
- Life Expectancy
- Overcrowding
Mobility

- Access to Employment
- **Compact Commuting**
- **Bike + Pedestrian Collisions**
- Commute Time
- Households without a Vehicle
- Transportation System Mode Share
Environment

- CalEnviroScreen 4.0 Score
- Extreme Heat and Tree Canopy
- Flood Hazard Areas
- Wildfire Risk
- Air pollution index
County Narratives

• Snapshot of existing conditions with a subset of equity indicators
• County factsheets/infographics also included

Demographics
- Total Population
- Race/Ethnicity Distribution
- Female-Headed Households
- Limited English Proficiency
- People with Disabilities

Economy
- Educational Attainment
- Median Household Income
- Working Poor

Communities
- Broadband Access
- Housing Cost Burden
- Housing Quality

Mobility
- Access to Employment
- Bike + Pedestrian Collisions
- Commute Time

Environment
- CalEnviroScreen 4.0 Score
- Extreme Heat and Tree Canopy
- Wildfire Risk
## 2022 Highlights – Educational Attainment

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Less than HS Diploma</th>
<th>HS Diploma</th>
<th>Some College</th>
<th>AA Degree</th>
<th>BA Degree</th>
<th>MA Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian/Pacific Islander</td>
<td>11%</td>
<td>14%</td>
<td>14%</td>
<td>8%</td>
<td>36%</td>
<td>17%</td>
</tr>
<tr>
<td>Black</td>
<td>10%</td>
<td>24%</td>
<td>29%</td>
<td>10%</td>
<td>18%</td>
<td>10%</td>
</tr>
<tr>
<td>Hispanic (Latino)</td>
<td>35%</td>
<td>27%</td>
<td>19%</td>
<td>6%</td>
<td>10%</td>
<td>4%</td>
</tr>
<tr>
<td>Mixed/Other</td>
<td>6%</td>
<td>16%</td>
<td>24%</td>
<td>9%</td>
<td>29%</td>
<td>16%</td>
</tr>
<tr>
<td>Native American</td>
<td>15%</td>
<td>30%</td>
<td>26%</td>
<td>10%</td>
<td>14%</td>
<td>6%</td>
</tr>
<tr>
<td>White</td>
<td>5%</td>
<td>18%</td>
<td>23%</td>
<td>9%</td>
<td>27%</td>
<td>17%</td>
</tr>
<tr>
<td>People of color</td>
<td>26%</td>
<td>23%</td>
<td>19%</td>
<td>7%</td>
<td>17%</td>
<td>8%</td>
</tr>
</tbody>
</table>

| SCAG region             | 19%                  | 22%        | 20%          | 8%        | 21%       | 11%       |

Source: U.S. Census Bureau; American Community Survey (ACS), Five-Year Public Use Microdata (PUMS), 2016-2020
2022 Highlights – Broadband Access

Broadband access was 86 percent in 2018 and 90 percent in 2020

9 out of 10 households in the SCAG region had access to high-speed internet

Source: U.S. Census Bureau, 2016-2020 American Community Survey 5-Year Estimates

Source: 2018 5-Year American Community Survey
2022 Highlights – Bike and Pedestrian Collisions

Hispanic (Latino) residents are the most likely to live in high-risk areas for pedestrian- or bike-involved collisions as compared to all other racial and ethnic groups.

Source: SCAG, TIMS, 2020
2022 Highlights – Extreme Heat and Tree Canopy

Imperial, Riverside, and San Bernardino counties are projected to have over 40 extreme heat days per year from 2040 - 2060.

<table>
<thead>
<tr>
<th>County</th>
<th>Percentage of Tree Canopy Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imperial</td>
<td>43</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>37</td>
</tr>
<tr>
<td>Orange</td>
<td>15</td>
</tr>
<tr>
<td>Riverside</td>
<td>42</td>
</tr>
<tr>
<td>San Bernardino</td>
<td>41</td>
</tr>
<tr>
<td>Ventura</td>
<td>32</td>
</tr>
<tr>
<td>SCAG region</td>
<td>35</td>
</tr>
</tbody>
</table>

Source: Southern California Association of Governments (SCAG), 2020
THANK YOU!

For more information, please visit: