



**BROADBAND
FOR ALL**

Broadband for All, Digital Equity, and BEAD Regional Planning Workshop

June 8, 2023



#BroadbandForAll

Share images and video of this workshop on social media using the hashtags:

#BroadbandForAll and
#DigitalEquity





AGENDA

- Welcome and Introductions
- Ice-Breaker
- Broadband for All Program and Overview of Existing Investments and Efforts
- Lived Experienced Discussion
- Small Group Conversations
- Calls to Action
- Refreshments and Concurrent Working sessions
 - Working Session A: Broadband Infrastructure Deployment
 - Working Session B: Affordability and Adoption

Welcome and Introductions

Lili Gangas

Kapor Center



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Regional-Local Partners



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Tech
Exchange



Mayor's Office of
Housing Community
Development Division

Broadband for All, Digital Equity, and BEAD Regional Planning Workshop

Secretary Amy Tong, CA Government Operations Agency

Rob Osborn, California Public Utilities Commission

Joleah Jackson, Governor's Office of Business and
Economic Development

Mary Nicely, California Department of Education

Susan Walters, National Telecommunication
and Information Administration



Ice-Breaker

Kick-off Leadership Engagement: Biggest Challenges to Digital Equity

Sunne McPeak

CEO and President

California Emerging Technology Fund



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Icebreaker Exercise

How important are the following barriers and challenges to achieving Digital Equity for all residents in your region?

Please respond to each on a scale of 1 to 5, with 5 being most important.

Barrier or Challenge	1	2	3	4	5
Lack of high-speed internet infrastructure.					
Affordability of high-speed internet service.					
Unawareness about affordable Internet (ACP).					
Need for digital literacy training.					
Unavailability of affordable computing devices.					
Other? (Please describe.)					



Broadband for All: Overview of Existing Investments and Efforts

Scott Adams

Deputy Director, Office of Broadband and Digital Literacy
California Department of Technology

Maria Ellis

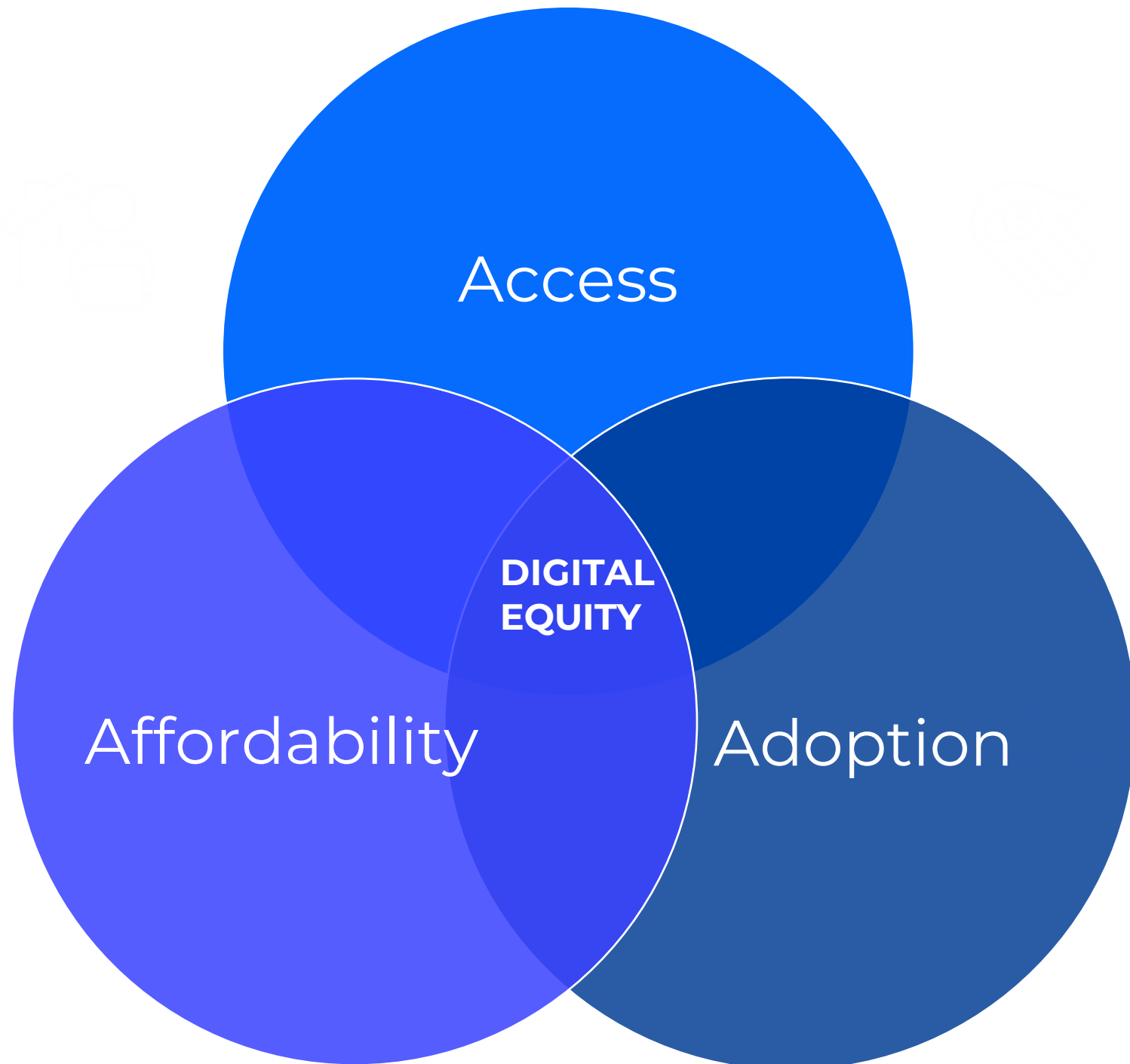
Deputy Director, Broadband
California Public Utilities Commission



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“Californians’ ability to access and use broadband is the difference between being able to fully engage in life and being cut off.”





Access

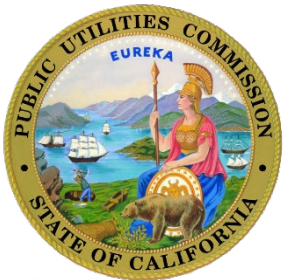
Affordability

Adoption

**DIGITAL
EQUITY**

MULTI-AGENCY COLLABORATION

California Broadband Council



Executive Order N-73-20

Required the development of a California State Broadband Action Plan.



Specific direction on 15 items:

- Data and Mapping
- Funding
- Deployment
- Adoption

BROADBAND FOR ALL **Action Plan**



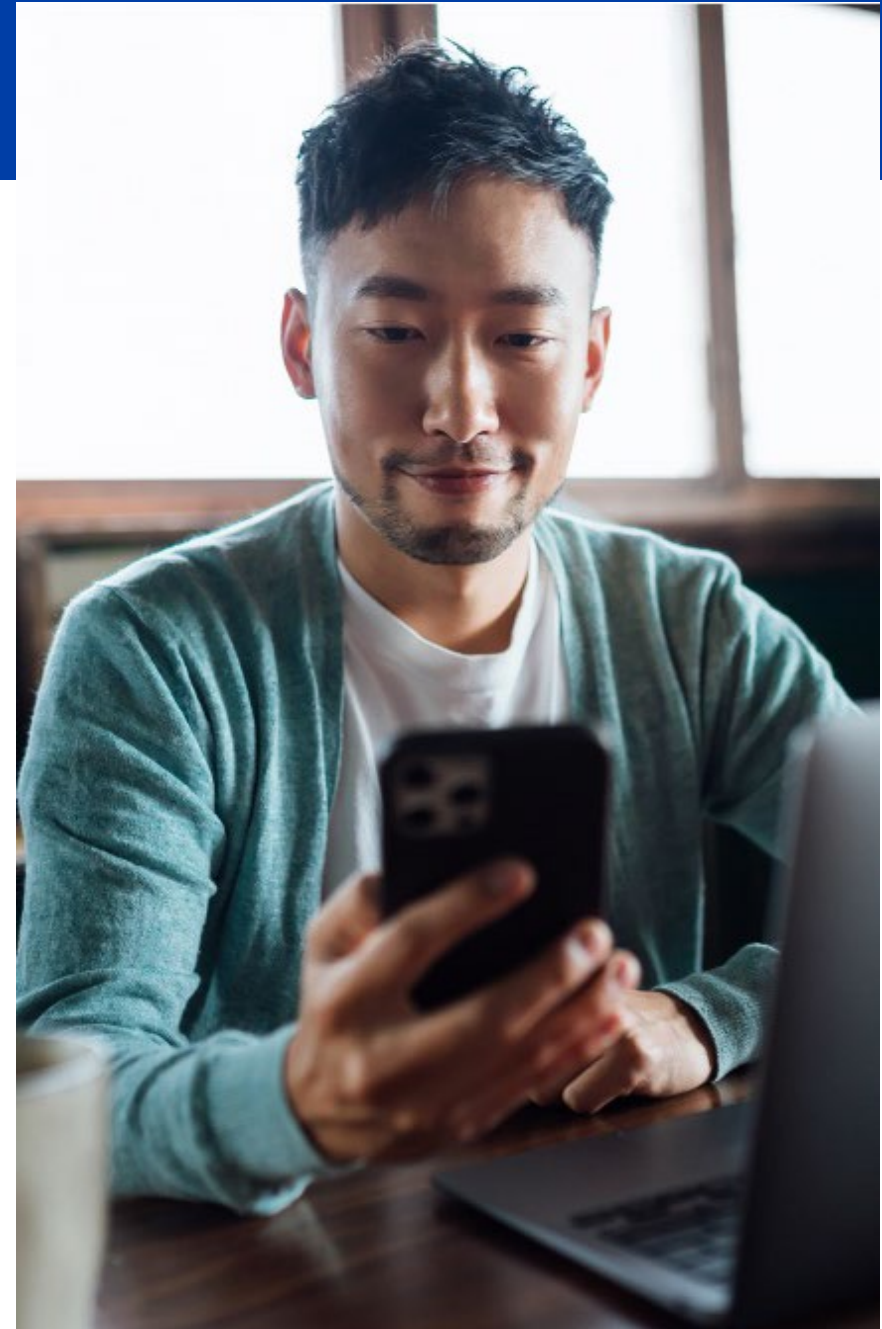
Goal 1: All Californians have high-performance broadband available at home, schools, libraries, and businesses.

Goal 2: All Californians have access to affordable broadband and necessary devices.

Goal 3: All Californians can access training and support to enable digital inclusion.

Senate Bill 156

- **\$6 billion** investment over three years to:
 - Expand broadband infrastructure
 - Increase affordability
 - Enhance access to broadband for all Californians.
- **\$3.25 billion** to develop, acquire, construct, maintain and operate a statewide “open-access middle-mile” network (CDT)
- **\$2.75 billion** for last-mile infrastructure grant programs (CPUC)



Middle-Mile Broadband Network



- **10,000-mile statewide network on state highways**
 - Contracted by Dec 2024
 - Constructed by Dec 2026
 - Broke ground October 2022

[Statewide Construction Evaluation Map of 10,000 miles of proposed build](#)

Last-Mile Broadband Programs

California Advanced Services Fund

Up to \$73 million+ annually

Several of programs to fund broadband infrastructure, adoption, and digital literacy, as well Tribal technical assistance.

Federal Funding Account

\$2 billion

Grants for last-mile broadband deployment that focuses on fiber and cable technology. These funds must be encumbered by the 2025 federal deadline, and spent before 2027.

Loan Loss Reserve Fund

\$750 million

Offers credit enhancement, or a type of insurance, that helps lenders control for the risk that loans will not be repaid. For development of public networks.

Local Agency Technical Assistance

\$900,000 remaining (Tribal)

For public entity or consultant costs to create Joint Powers Authorities, and for other costs to prepare to deploy broadband infrastructure, including for environmental permitting, engineering, etc.

BEAD

TBD; ~990 million to \$1.1 billion+

Grants for broadband deployment, adoption support programs, and digital literacy.

Broadband Adoption

Broadband adoption is daily access to the Internet:

- At speeds, quality and capacity necessary to accomplish common tasks,
- With the digital skills necessary to participate online, and
- On a personal device and secure, convenient network.

Definitions - National Digital Inclusion Alliance



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Affordable Connectivity Program

The Federal Communication Commission's Affordable Connectivity Program is a \$14.2 billion benefit program to lower the cost of home internet service for residents.

\$30 per month

toward internet service for
eligible households

\$75 per month

for households on
qualifying Tribal lands.

**One-time discount
of up to \$100**

to purchase a laptop,
desktop computer, or
tablet from participating
providers

California leads the nation in Affordable Connectivity

Program enrollment with

2,158,793

in statewide enrollment as of June 5, 2023

37% of ACP-Eligible Households

USAC ACP Enrollment and Claims Tracker

Infrastructure Investment and Jobs Act (IIJA)

The IIJA invests roughly \$65 billion to support broadband deployment and adoption and promote digital equity in states.

**Broadband Equity, Access,
and Deployment (BEAD)**

\$42.45B

**Digital Equity Planning,
Capacity, and Competitive
Grants**

\$2.75B



Covered Populations

The Digital Equity Act prioritizes investments for eight “Covered Populations”

1

Individuals living in covered households

with an income at or below 150% Federal Poverty Level

2

Aging individuals (60+)

3

Incarcerated individuals

other than individuals who are incarcerated in a Federal correctional facility

4

Veterans

5

Individuals with disabilities

6

Individuals with language barriers

including individuals who Are English learners; and have low levels of literacy

7

Members of a racial or ethnic minority group

8

Individuals who primarily reside in a rural area

9

Women and those who identify as female

10

LGBTQI+

Specifically called out in the BEAD notice of funding opportunity



SDEP PLANNING APPROACH **PLANNING COMPONENTS**

The planning process will consist of five components:

- Statewide Planning Group
- Outcome Area Working Groups
- California Digital Equity Survey(s)
- Regional Planning Workshops
- Statewide Public Engagement

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Digital Equity Survey

Survey

CDT is distributing a statewide **Digital Equity Survey** to residents of California as a civic engagement tool to identify barriers to digital equity, especially for Covered Populations.

The survey is intended to capture information about internet access, internet affordability, and internet adoption for residents in California households.

Accessibility Features

The survey can be accessed online or via mobile phone in 14 languages, with audio functionality available for residents with sight impairment and low levels of literacy

Response thus far

Since first launching, we've received over 1000 responses in 11 languages

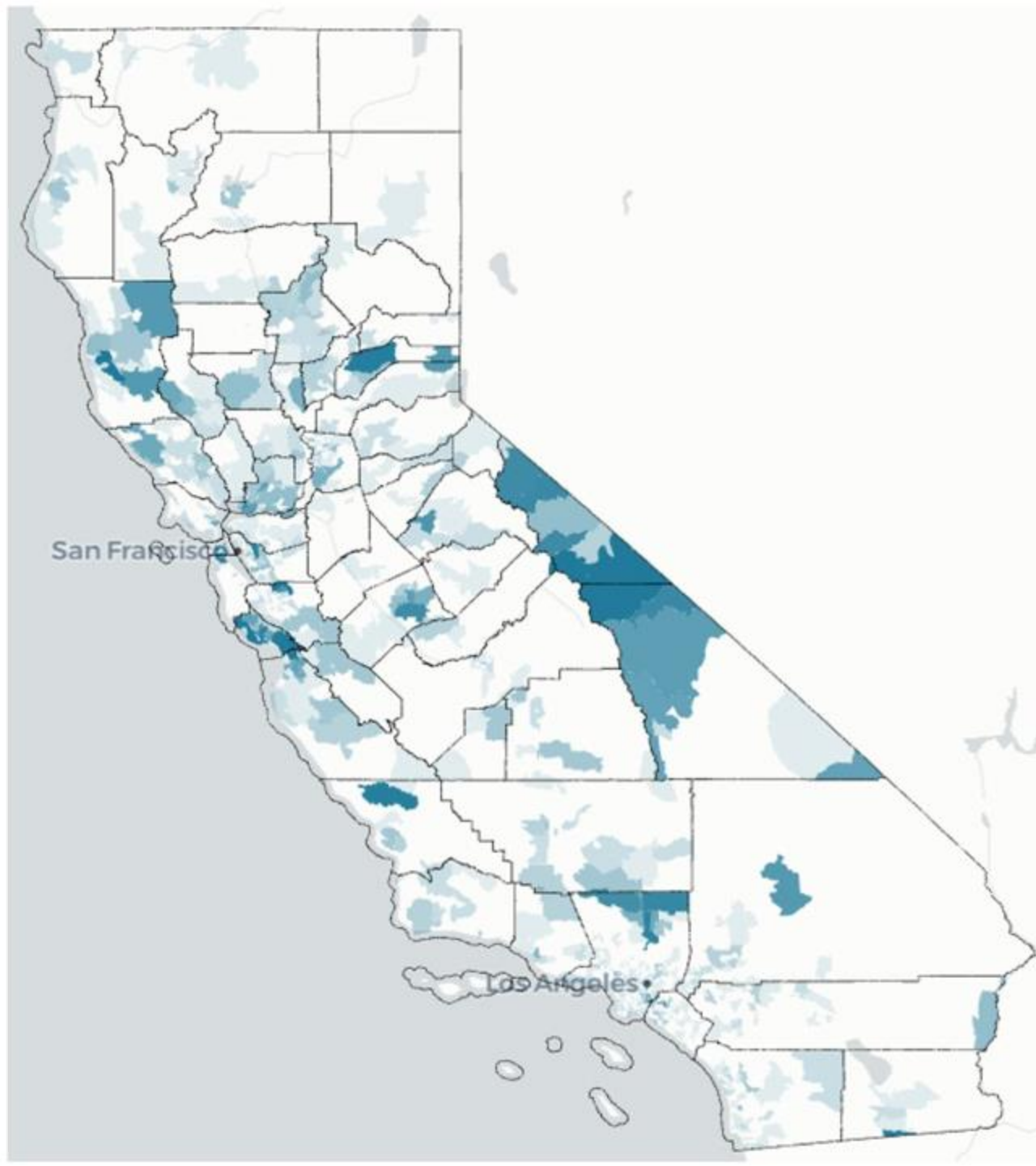


Responses Received so far: 2888

Responses by Covered Population

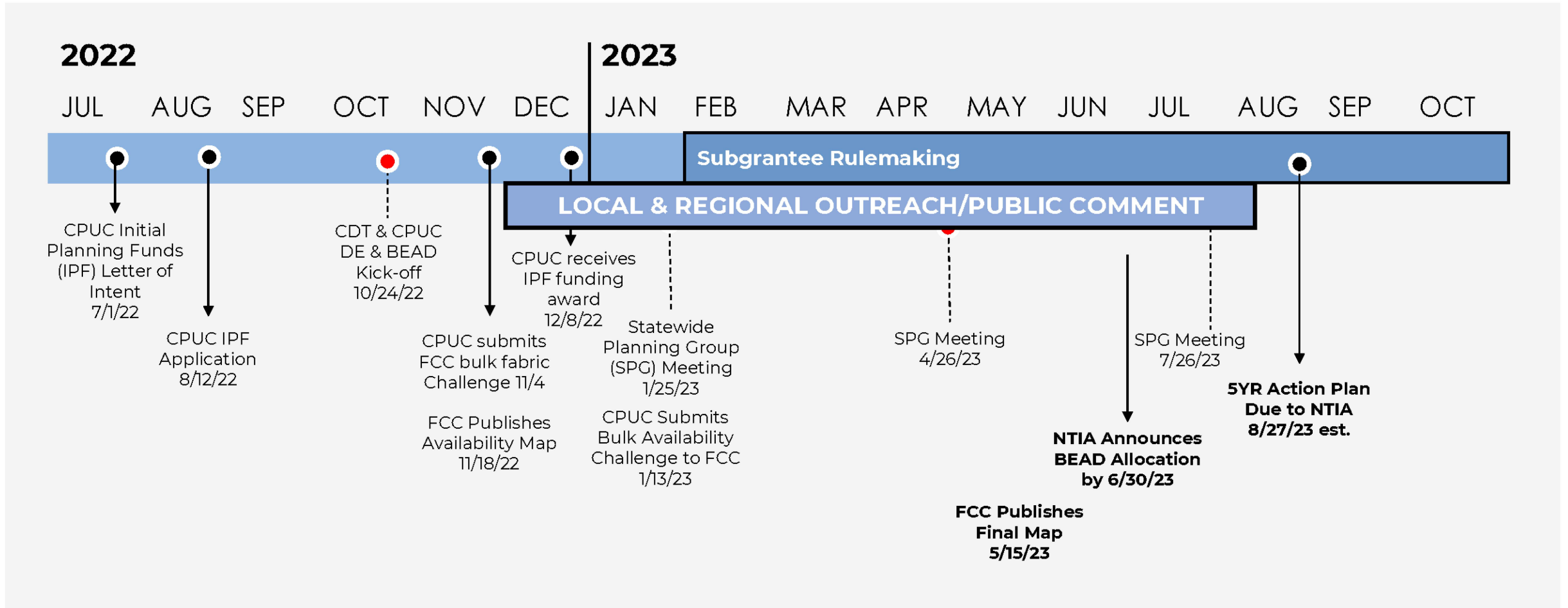
Population	Respondents	
	#	%
60+	990	40%
Veteran	144	6%
With disability	293	12%
Limited English Proficiency	416	17%
Rural	634	26%
Tribal	34	1%
Immigrant	455	18%
Unhoused	22	1%
Ethnic & Racial Minority	1269	51%
Below Poverty	489	20%
None	254	10%
Unanswered	129	5%

- Japanese 0.07%
- Korean 0.16%
- Punjabi 0.13%
- English 78.61%
- Tagalog 0.03%
- Spanish 6.46%
- Simplified Chinese 7.68%
- Russian 0.16%
- Arabic 0.16%
- Traditional Chinese 5.81%
- Vietnamese 0.52%
- Khmer 0.07%
- Persian 0.13%



California Broadband Equity, Access, and Deployment (BEAD) Timeline

Key milestones:



Lived Experiences from Covered Populations

Ulises Zatarain

Executive Director

Tech Exchange



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Ying Ching Shiu, San Francisco

Cho Chie (George) Wong, San Francisco

Evelyn Posamentier, Senior & Disability Action

**Richard Mireles and Bobby Jones Hanley, CROP
(Creating Restorative Opportunities and Programs)**

**Lupe Zamudio, Norma Nunez & Marina Sales,
Tech Exchange Students**



Click [here](#) to watch a short video capturing community voices around broadband connectivity.

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Small Work Group Conversations

Rey Lachaux

Digital Equity Manager
City and County of San Francisco

Sunne Wright McPeak

President and CEO
California Emerging Technology Fund



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Digital Equity Barriers and Challenges for Covered Populations

- 1. Identify** barriers for Covered Populations and gaps to address in the Digital Equity and BEAD Plans.
- 2. Develop** strategies to address challenges and explore opportunities for collaboration.
- 3. Report** out strategies.



Six Policy Outcome Areas

- 1. Identify barriers** lead to disparate outcomes in education, health, digital literacy, workforce and economic development, essential services and civic participation, and tribal collaboration) and address gaps in the Digital Equity and BEAD Plans.
- 2. Develop strategies** to address challenges and explore opportunities for collaboration.
- 3. Report out** strategies.



Calls to Action

Scott Adams

Deputy Director, Office of Broadband and Digital Literacy
California Department of Technology

Maria Ellis

Deputy Director for Broadband
California Public Utilities Commission



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HOW TO TAKE ACTION

Digital Equity Ecosystem Mapping (DEEM) Tool

THE DEEM ISP TOOL IS LIVE!

The Digital Equity Ecosystem Mapping (DEEM) ISP tool tracks **Digital Equity** programs, plans, services, and resources throughout California. The mapping tool identifies:

- What programs are being offered, where they're being offered and to whom, and what is missing in each region.
- Barriers to achieving digital equity in every California county.



Scan the QR code using your mobile device or visit us at bit.ly/DEEMSurvey



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Responses to date

Digital Equity Ecosystem Mapping (DEEM) Tool

	DEEM	DEEM ISP
Total Reach	644	70
Total Responses	213	22
Completed Responses	129	16



Scan the QR code using your mobile device or visit us at bit.ly/DEEMSurvey



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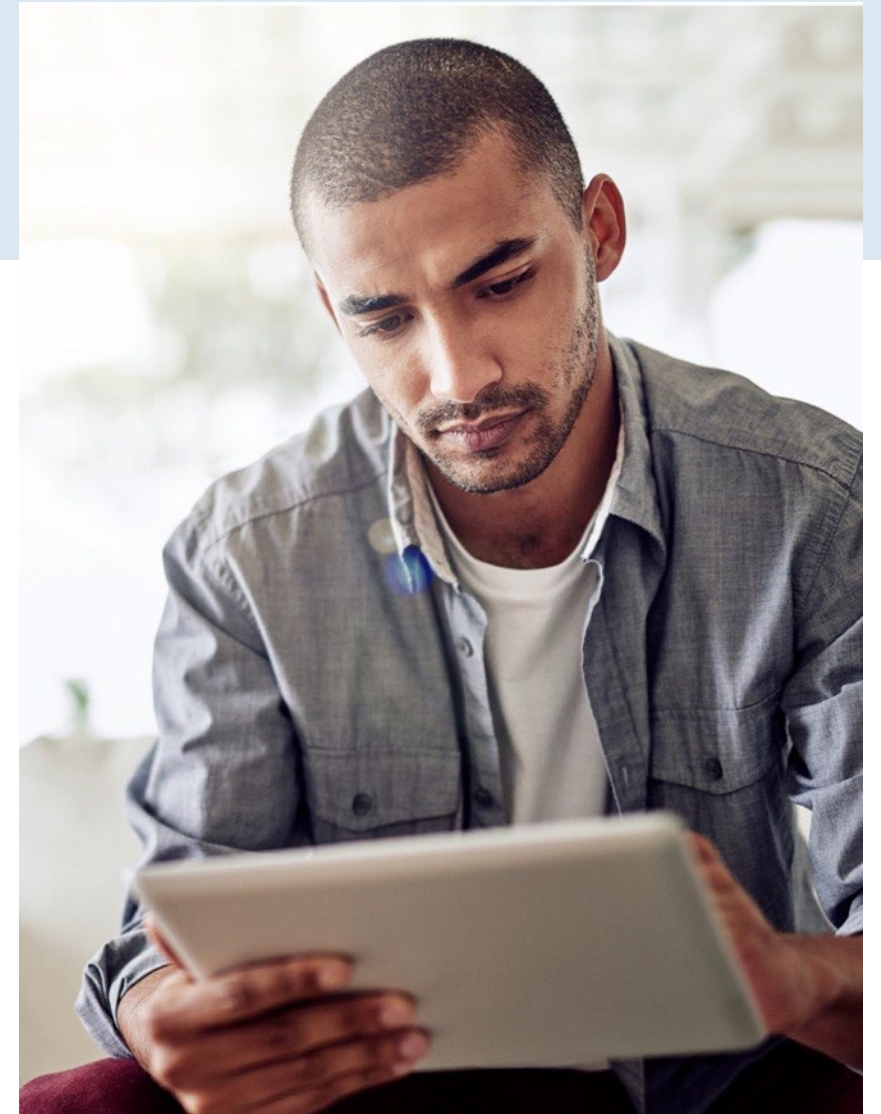


Share the Digital Equity Public Survey

The State is distributing a statewide **Digital Equity Public Survey in 14 languages** to residents of California to identify barriers to digital equity, especially for Covered Populations.

The survey captures information about internet access, internet affordability, and internet adoption for residents in California households.

Link to toolkit with QR code for promoting the Public Survey will be shared in the coming weeks



COMING SOON: Q2 2023

CALIFORNIA
ALL

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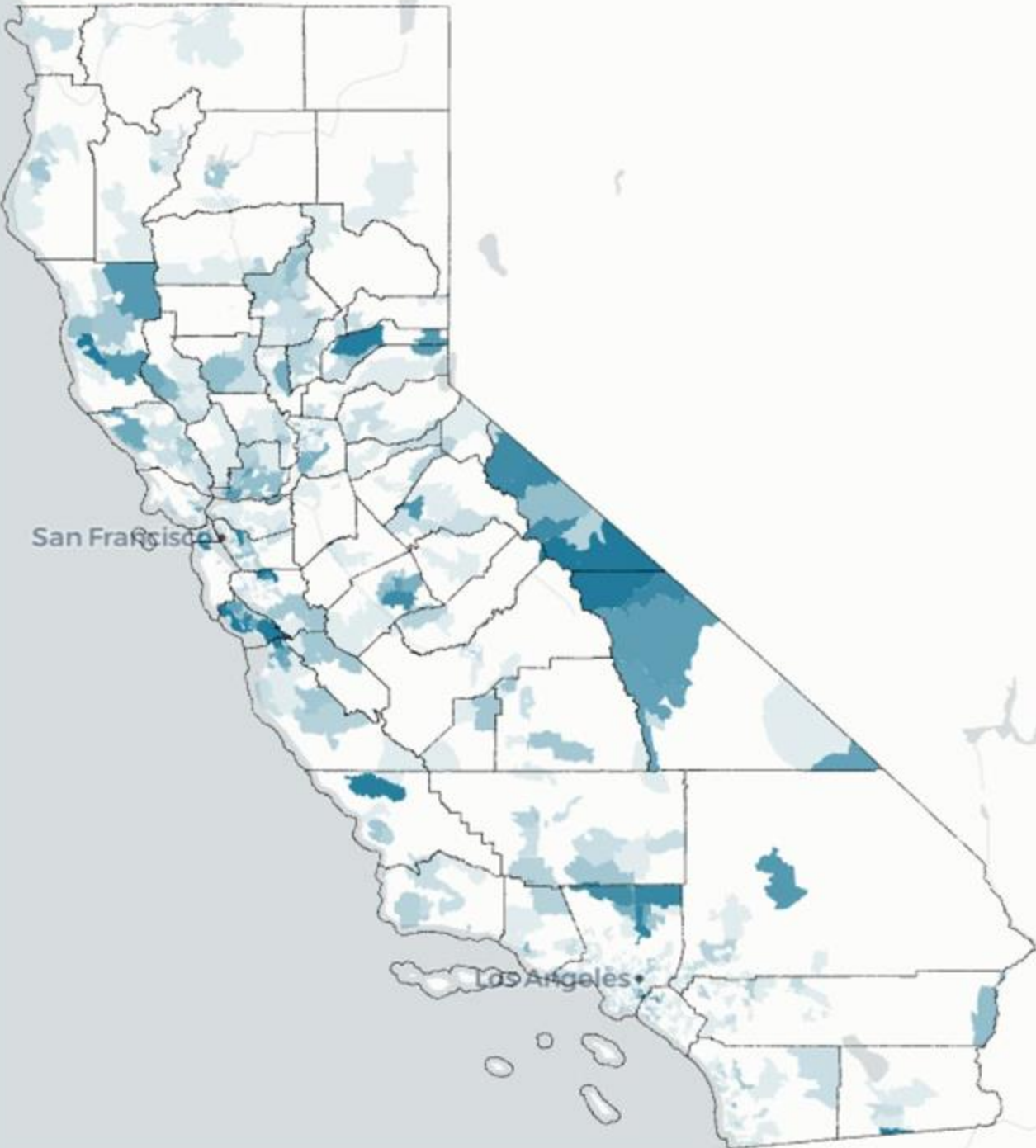
Responses Received so far: 2888

Responses by County

All selected Apply

- San Francisco 433
- Los Angeles 377
- Santa Cruz 253
- Inyo 160
- Santa Clara 136
- Mono 99
- Fresno 93
- Sacramento 90
- Alameda 86

- Orange 84
- Mendocino 78
- Unanswered 77
- Monterey 69
- Solano 68
- San Diego 68
- San Mateo 66
- Sonoma 49
- Nevada 48
- Merced 44
- San Bernardino 40
- San Luis Obispo 39
- Kern 36
- Riverside 35
- Imperial 29
- Butte 29
- Contra Costa 29
- Lake 22



Learn More

- **Follow CPUC Rulemaking for BEAD (R.) 23-02-016**
 - For help becoming a party or filing comments, email public.advisor@cpuc.ca.gov.
 - Anyone who would like to formally participate in a CPUC proceeding must follow the CPUC's Rules of Practice and Procedure (www.cpuc.ca.gov/Party_to_a_Proceeding).
 - Any member of the public may submit public comments via the docket
- **For local governments interested in learning more, attend CPUC webinar on June 28th (10am-12pm)**
 - Register [here](#)
 - For more information, visit the CPUC's [website](#) or contact Andrew B. Rubang from the Business and Community Outreach Office at Andrew.Rubang@cpuc.ca.gov
- **To learn about upcoming in-person Tribal consultations**, please contact Tribal Advisor Kenneth Holbrook at Kenneth.Holbrook@cpuc.ca.gov

Public Comment

The CDT invites you to follow, and to participate in, the public comment process

- A 30-day public comment process will be held in mid to late summer





Upcoming State Digital Equity Planning & BEAD Virtual Events

Statewide Digital Planning Group Meetings

- Wednesday, July 26, 2023
- Wednesday, October 25, 2023

Outcome Area Working Group Meetings

- May 16 – Education
- May 16 – Tribal Collaboration
- May 17 – Digital Literacy & Inclusion
- May 17 – Workforce and Economic Development
- May 18 – Health
- May 18 – Essential Services, Accessibility, and Civic Engagement

To RSVP, visit
bit.ly/CADigitalEquityPlanEvents



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#DigitalEquity



BREAK



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Concurrent Working Sessions

Working Session A:

Broadband Infrastructure
Deployment
(CDT, GSN, CPUC, GO-Biz)

Working Session B:

Affordability and Adoption
(CETF)



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THANK YOU!



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