

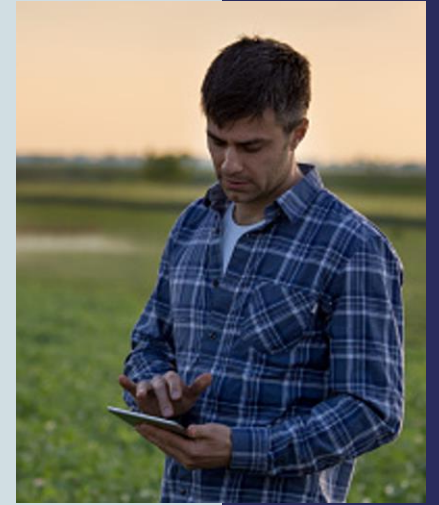
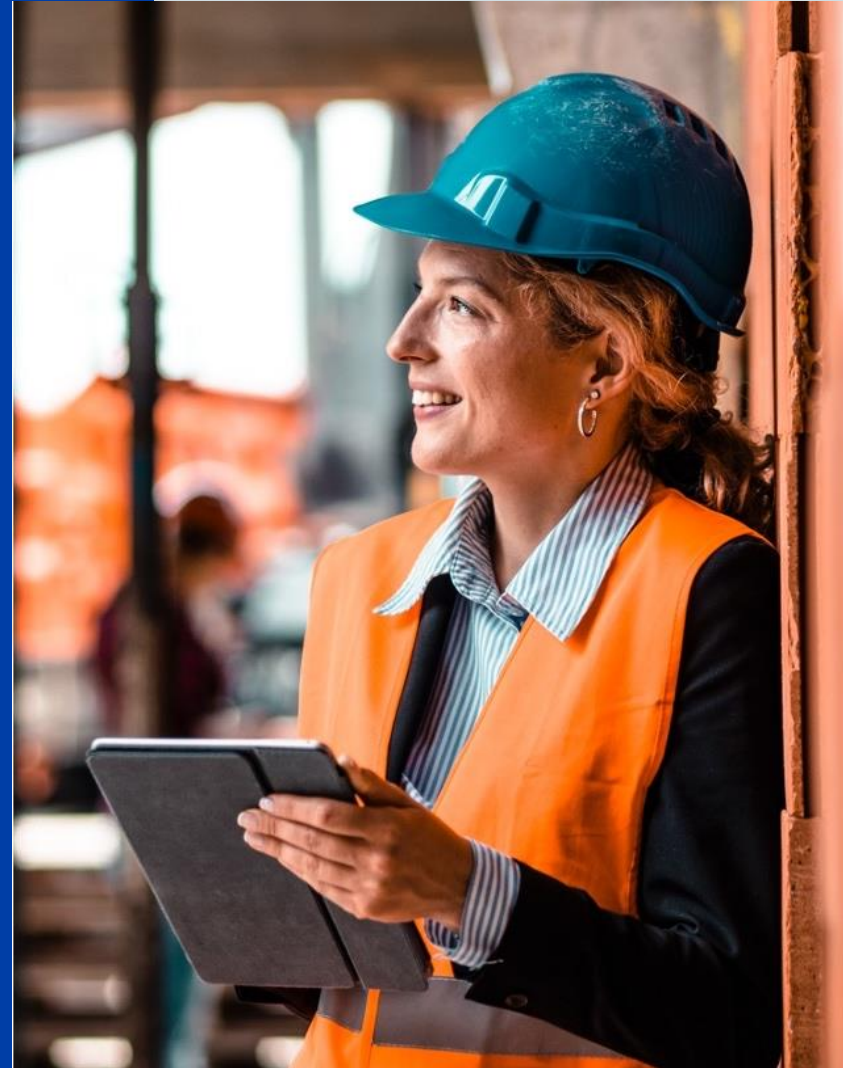
March 15, 2023

Workforce and Economic Development

Digital Equity Outcome Area Working Group



**BROADBAND
FOR ALL**



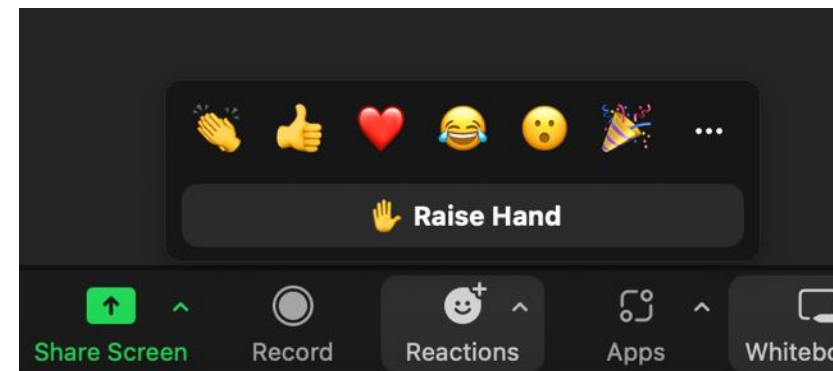
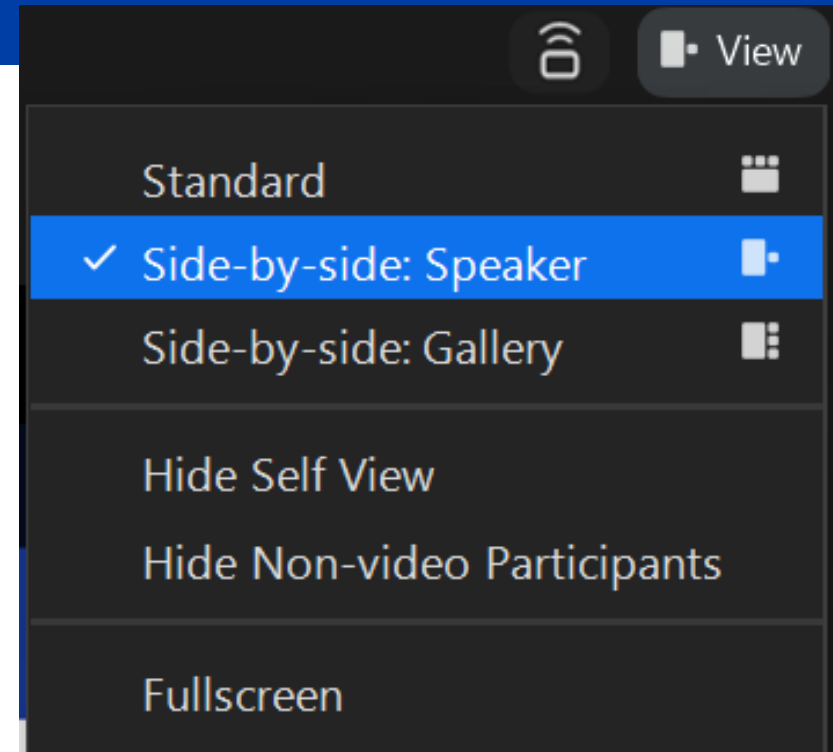
Housekeeping

ASL Interpreters are in the spotlight along with the speakers, please make sure to view in Side-by-Side: Speakers Mode when the presentation slides are shared.

Closed Captions English closed captions are available. Choose "CC closed caption" on your toolbar and select "show subtitle".

Chat We invite everyone to introduce themselves in the chat! Share your name, pronouns, organization/title, and where you are joining us from.

Reactions Raise Hand feature



AGENDA



- Welcome
- Key Takeaways from February Meeting
- Opening Panel
- Community Discussion
- How to Take Action
- Next Steps and Close

Working Group Objectives

1. **Develop** a statewide stakeholder map for each outcome area
2. **Conduct** an asset inventory of programs, plans, and services for each outcome area
3. **Promote** and encourage participation in the statewide digital equity survey
4. **Conduct** gap analyses for each outcome area
5. **Develop** recommendations to CDT for inclusion in the SDEP

February OAWG Meeting: What we learned

During the February Outcome Area Working Group meeting, stakeholders provided input to CDT on barriers to digital equity:

Takeaways from discussion:

1. Lack of broadband infrastructure
2. Barriers related to Language and Culture
3. Cross-agency coordination
4. Pathway programs to jobs / industry



Opening Panelists

Ryan Shiroi

Labor Market Information
Division, EDD

Gary Bolton

Fiber Broadband Association

Jim Hayes

Fiber Optic Association

Ernie Pacheco

Communications Workers
of America

Ken Spence

NextGen

Workforce Development

Ryan Shiroy

Research Data Supervisor I

Labor Market Information Division, MIC 57

Policy, Accountability and Compliance Branch



**BROADBAND
FOR ALL**



Telecom-Broadband Projections Data

California Industry-Occupational Matrix 2020-2030 Top 20 Occupations (Data Ranked By Base Year Employment Estimate) within the Telecommunications (NAICS 517) Industry					
Statewide					
SOC Code ^[1]	Occupational Title	Base Year Employment Estimate ^[2]	Projected Year Employment Estimate	Numeric Change ^[3]	Percentage Change
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	10,700	11,000	300	2.8%
49-9052	Telecommunications Line Installers and Repairers	8,600	8,400	-200	-2.3%
13-1198	Project Management Specialists and Business Operations Specialists, All Other	2,800	2,500	-300	-10.7%
43-4051	Customer Service Representatives	2,500	2,000	-500	-20.0%
17-2072	Electronics Engineers, Except Computer	2,300	2,700	400	17.4%
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	2,000	2,000	0	0.0%
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,400	1,300	-100	-7.1%
15-1241	Computer Network Architects	1,300	1,100	-200	-15.4%
41-1012	First-Line Supervisors of Non-Retail Sales Workers	1,100	1,000	-100	-9.1%
15-1232	Computer User Support Specialists	1,000	800	-200	-20.0%
15-1244	Network and Computer Systems Administrators	1,000	800	-200	-20.0%
11-1021	General and Operations Managers	900	800	-100	-11.1%
15-1231	Computer Network Support Specialists	900	800	-100	-11.1%
43-5032	Dispatchers, Except Police, Fire, and Ambulance	900	700	-200	-22.2%
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	800	800	0	0.0%
43-1011	First-Line Supervisors of Office and Administrative Support Workers	800	600	-200	-25.0%
11-2022	Sales Managers	600	500	-100	-16.7%
11-3021	Computer and Information Systems Managers	600	500	-100	-16.7%
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	600	500	-100	-16.7%
13-1161	Market Research Analysts and Marketing Specialists	400	400	0	0.0%



Workforce Development

Gary Bolton

President and CEO

Fiber Broadband Association



**BROADBAND
FOR ALL**





FIBER CAREERS BUILD COMMUNITIES

205,000 estimated fiber construction jobs needed*

Fiber jobs give back to the community, when you deploy fiber, you achieve equitable access to modern healthcare, education, job opportunities and more.

Fiber Provides Good Paying Jobs & a Pathway to Long-Lasting Careers

High wages with full benefits | No debt

Building our workforce through:

- Engagement with high schools and career and technical education (CTE)
- Veterans programs
- Tribal Communities
- Departments of Corrections
- At-risk youth programs

Entry Level Mid-Level Mid-Level + Sr. Management

\$49K–\$65K / \$58K–\$70K / \$75K–\$80K / \$80K–\$110K *State of Ohio Workforce Office





Job Opportunities for Technicians in Fiber Optics



- Installers*
- Splicers*
- Maintenance Technicians*
- Linemen
- Low voltage communication systems installers
- Manufacturing
- Engineering
- Contractors

*Skills learned through this program



Fiber Broadband Association

OPTIC PATH™ COURSE & CERTIFICATION



HANDS-ON SKILLS TRAINING MEANS THE FUTURE OF FIBER

- National certification designed by hiring broadband plant managers
- Delivered by Community Colleges around the country in partnership with service providers and contractors

Current Partners:

67 community colleges and counting; **40** service providers and counting

Engage Your Congressional District

- Curriculum is knowledge, hands-on with an emphasis on training for safety, documentation processes, and taking pride in craftsmanship
- Every trainee who completes the course will earn a trusted credential for completing standardized training that will be recognized by employers for hiring



Contact the Fiber Broadband Association

Deborah Kish

VP Workforce Development

dkish@fiberbroadband.org

(203) 913-2484



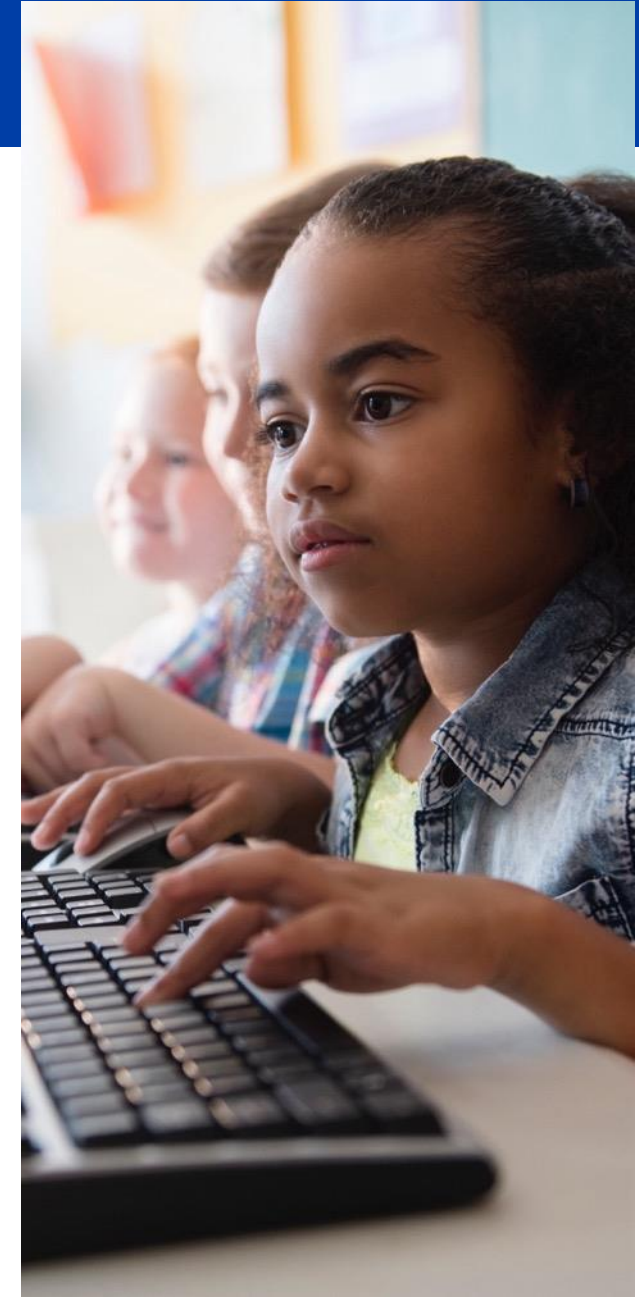


Community Discussion

Prompts

Please share what you can about the ways in which digital inequity creates disparities within Workforce and Economic Development.

1. How do digital equity barriers create unequal outcomes in workforce and economic development for the community members in your region?
2. What impacts do digital equity barriers create in Workforce and Economic Development in your region?
3. Are you aware of any programs, organizations and/or resources in your community that address digital inequity in workforce and economic development?





How to Take Action

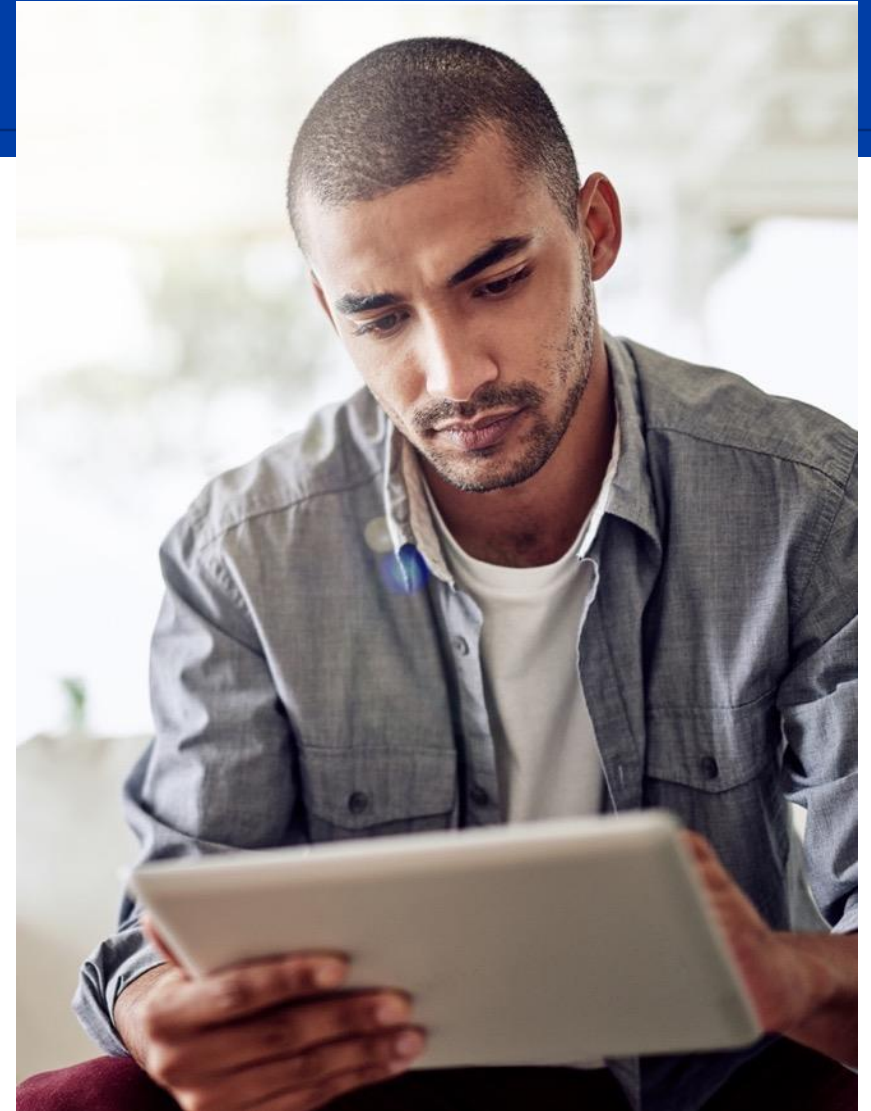
How to Take Action

Digital Equity Public Survey

CDT will distribute a statewide **Digital Equity Public Survey in multiple languages** to residents of California 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.

Timeline: Launch Q1 2023



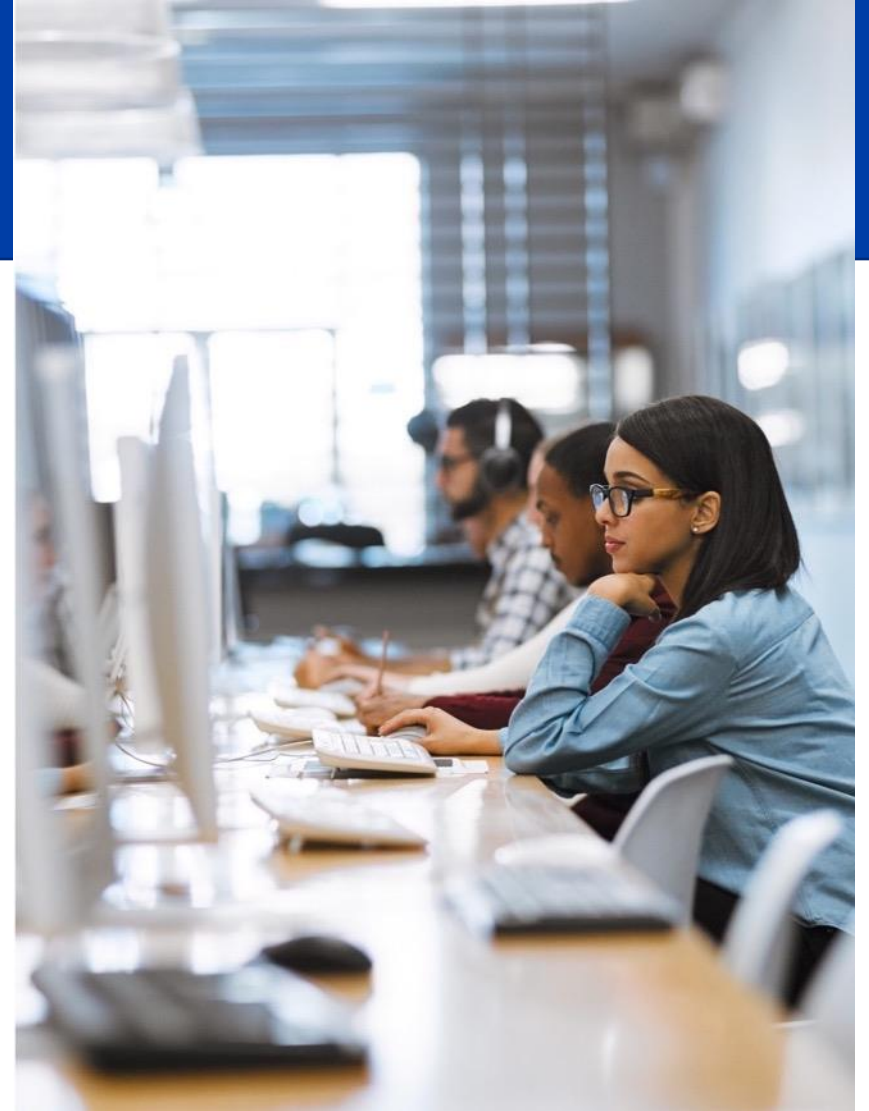
How to Take Action

Digital Equity Ecosystem Mapping (DEEM) Tool

THE DEEM TOOL IS LIVE!

The Digital Equity Ecosystem Mapping tool tracks **Digital Equity** programs, plans, services, and resources throughout California. The mapping tool will help identify:

- 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.



How to Take Action

Digital Equity Ecosystem Mapping (DEEM) Tool

Get Involved: Share the DEEM Tool

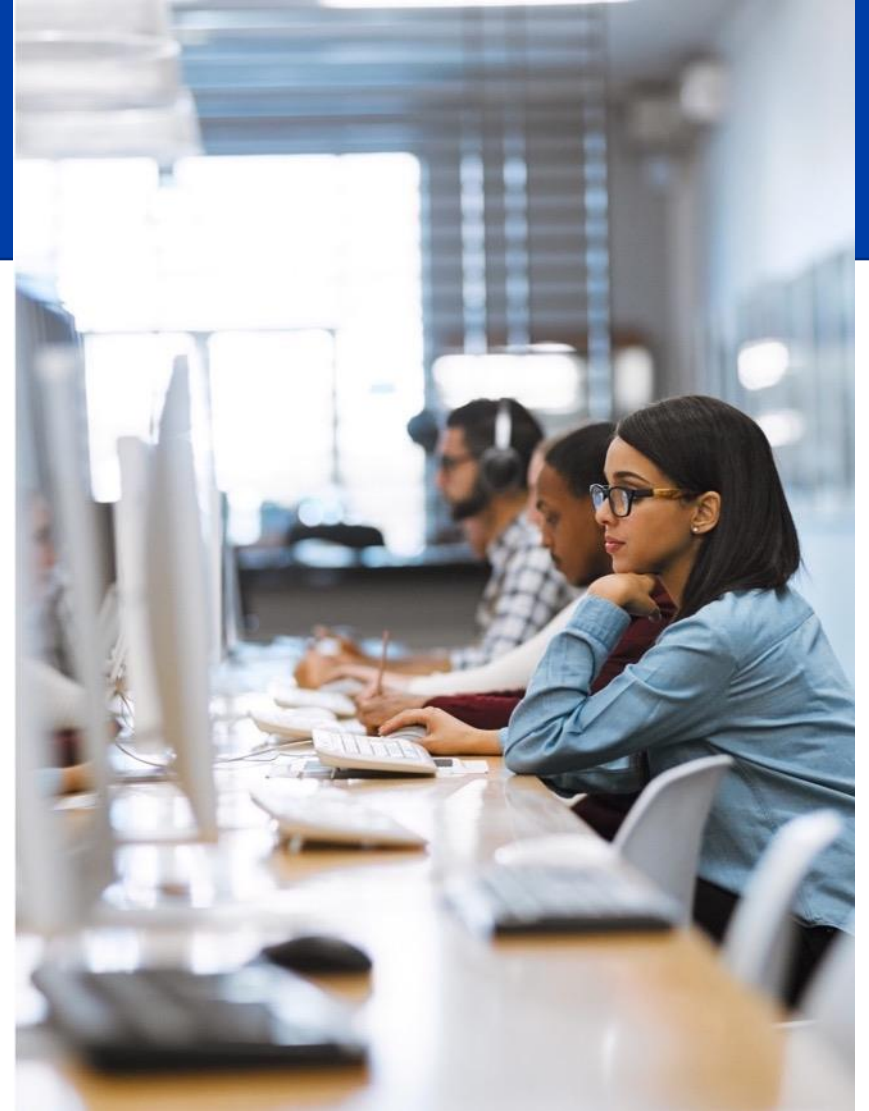
To create a plan that helps close the digital divide in California, we need **everyone's** help!

Help us spread the word by sharing the DEEM Tool with others who help your community get connected.

Access The DEEM Partner Toolkit:

<https://bit.ly/DEEMToolkit>

or <http://bit.ly/DEEM-ES> (Spanish Version)



Make your voice heard!

Millions of Californians do not have access to the internet. Our state wants to work with organizations across California to create a plan to give all Californians the access they need to succeed in the digital age.

Help our state identify and fund programs to close the digital divide for good. Put your organization on the map now.

Visit [Bit.ly/DEEMSurvey](https://bit.ly/DEEMSurvey) or scan the QR code using your mobile device.



Broadband for All



How to Take Action

Ways to Get Involved



Members of the public interested in helping inform the State Digital Equity Plan can also:

1. Sign up for updates on the Broadband For All Portal (<https://broadbandforall.cdt.ca.gov/state-digital-equity-plan/>)
2. Complete the DEEM Tool
3. Complete and share the Digital Equity Public Survey with your friends and family and your networks
4. Participate in Outcome Area Working Groups
5. Attend a local event near you

How to Take Action

NTIA – Request for Comment

The Department of Commerce's National Telecommunications and Information Administration (NTIA) is **seeking input** on how to structure nearly \$2.7 billion in grant programs to ensure everyone in America has the digital skills and devices they need to realize the full potential of high-speed Internet access.

NTIA requests feedback on the design, rules, and evaluation criteria for both digital equity programs.

- The **State Digital Equity Capacity Grant program** will fund implementation of state and territories' digital equity plans, which will identify barriers in communities to achieving full participation in the digital economy, and strategies to overcome those barriers.
- The **Competitive Digital Equity Program** will fund organizations including schools, libraries, nonprofits and others offering digital inclusion activities and promoting Internet adoption. NTIA will establish the Competitive Digital Equity Program after it begins awarding funds from the State Capacity Grant Program.

The submission deadline is 5:00 pm EST on May 1st and the link to the comment submission portal on regulations.gov is: <https://www.regulations.gov/document/NTIA-2023-0002-0001>.

Contact: Gladys Palpallatoc
gpalpallatoc@ntia.gov | 202.451.1005

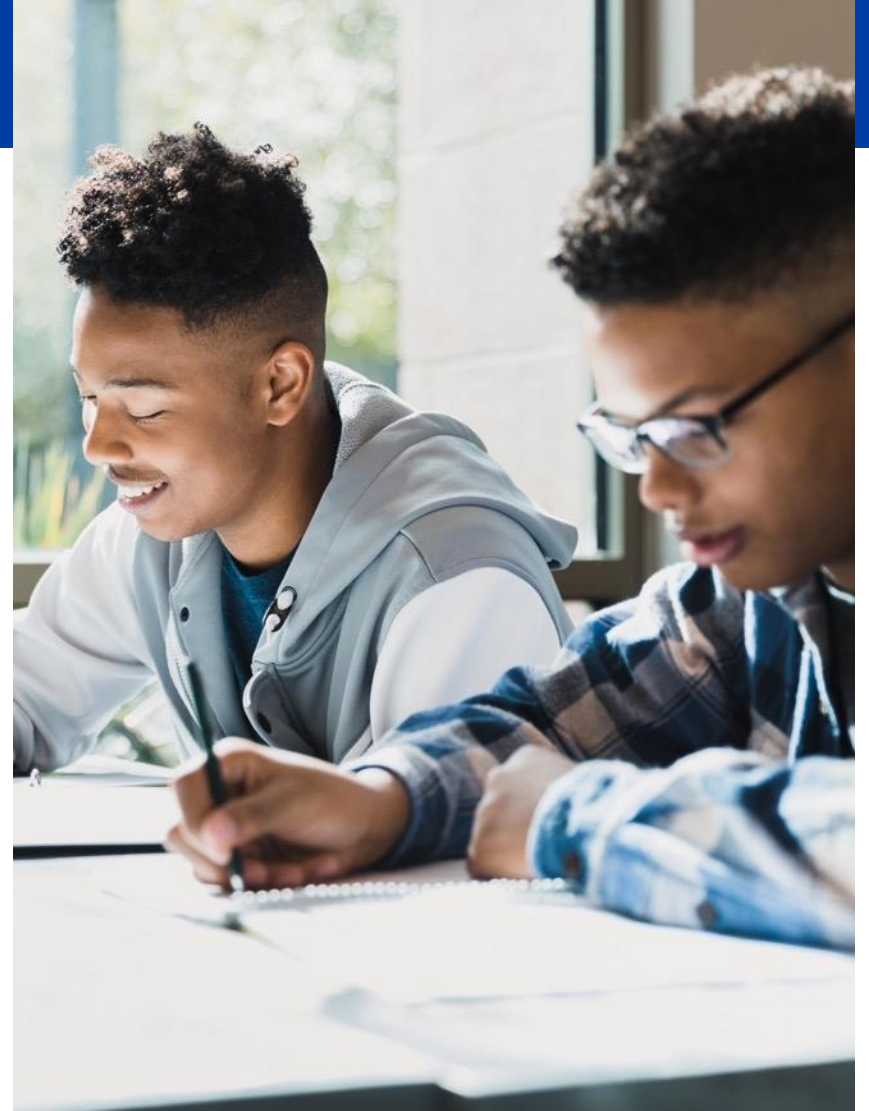


Next Steps

Next Steps

Next steps for Working Group will include:

1. Develop strategies that align with SDEP priorities as informed by results of Public Survey and DEEM tool
2. Conduct gap analysis
3. Conduct research, evaluate assets, and develop recommendations for CDT within their assigned Outcome Area for inclusion in the SDEP



Future Meeting Topics

Upcoming OAWG Meetings:

MAY: What digital equity programs are currently working well in your community? What's missing?

JUNE: Using the Public Survey and DEEM data to shape SDEP priorities.



Contact Us

Digital Equity Planning General: digitalequity@state.ca.gov

**California Department of Technology,
Office of Broadband and Digital Literacy**

**Anh Nguyen, Engagement and
Operations Manager**
anh.q.nguyen@state.ca.gov

Preston Rhea
preston.rhea@state.ca.gov

**Cole Przybyla, Broadband Access and
Deployment Advisor**
cole.przybyla@state.ca.gov

Ana Licona
ana.licona@state.ca.gov

Rida Fayyaz
rida.fayyaz@state.ca.gov



**BROADBAND
FOR ALL**

Thank You



**BROADBAND
FOR ALL**