



California Emerging Technology Fund

Achieving Digital Equity for Community Justice

PROGRESS REPORT
IN CLOSING THE DIGITAL DIVIDE
2023

Digital Divide

THE CHALLENGE

Digital Inclusion

THE PROCESS

Digital Equity

THE RESULT



**CETF has led the way to
Digital Equity and
Community Justice
for 15 years.**

Advancing Digital Equity for Community Justice Chair of the Board Message

For 15 years the California Emerging Technology Fund (CETF) has worked diligently to close the Digital Divide in California. We partner with a wide spectrum of public and private stakeholders to accelerate broadband Deployment and Adoption to get all Californians online and to institutionalize the practice of Digital Inclusion. This Progress Report provides a summary of accomplishments and spotlights success stories to chart the path forward.

We pursue our mission with a sense of urgency because those households stuck on the wrong side of the Digital Divide are being left behind at an accelerating pace, which not only causes distinct disadvantages for educational and economic opportunities for residents, but also puts at risk their public safety. That is why CETF sincerely invites you to join us in advancing Digital Equity for Community Justice.

Barbara O'Connor, Ph.D.

Chair, Board of Directors
California Emerging Technology Fund



Leading the Way to Digital Equity and Community Justice

The California Emerging Technology Fund (CETF) has led the way to Digital Equity for Community Justice for 15 years. CETF is a statewide non-profit organization with the mission to close the Digital Divide by accelerating the Deployment and Adoption of broadband, a generic term for high-speed Internet technology. The California Public Utilities Commission (CPUC) directed the establishment of CETF as a public benefit from mergers in 2005. CETF was founded with \$60 million seed capital and has secured additional funds to directly manage more than \$149 million in programs and leveraged more than \$126 million in matching funds, working with an extensive network of partners to achieve Digital Equity and Community Justice for all Californians.

- * Managed \$58 million in grants to a network of 100+ community-based organizations and public agencies to deliver digital literacy training to more than 1,000,000 residents and connect more than 775,000 low-income households to the Internet with affordable service.
- * Sponsored the Governor's Executive Order on Digital Literacy, developed a framework for statewide common proficiency metrics, and advanced statewide workforce training in Information and Communications Technology (ICT) skills.
- * Founded and led School2Home to close both the Achievement Gap and Digital Divide. Invested more than \$19 million in 45 Schools and 13 Districts reaching more than 50,000 students and their parents and supporting more than 1,000 teachers.
- * Provided seed capital for the California Telehealth Network and developed an Action Plan for telehealth to improve overall population health.
- * Funded the formation of Regional Broadband Consortia to assess need, aggregate demand, and lead stakeholders to achieve Ubiquitous Deployment and Universal Adoption.
- * Secured legislation for more than \$2 billion into the California Advanced Services Fund, including establishing the Accounts for Regional Consortia, Public Housing, and Adoption.
- * Supported the California Broadband Council to launch *Get Connected! California* to get 90% of all low-income households connected to the Internet by 2024.
- * Championed "smart housing" and advanced policies and programs to get all residents in publicly-subsidized housing complexes connected to the Internet.
- * Advanced broadband as a "green strategy" to reduce traffic congestion and decrease impacts on the environment.
- * Negotiated major public benefits in ISP corporate consolidations for Deployment, Adoption and affordable offers.
- * Established the Statewide Survey on Broadband Adoption in 2008 to drive policy and action.
- * Wrote the Digital Equity Bill of Rights.

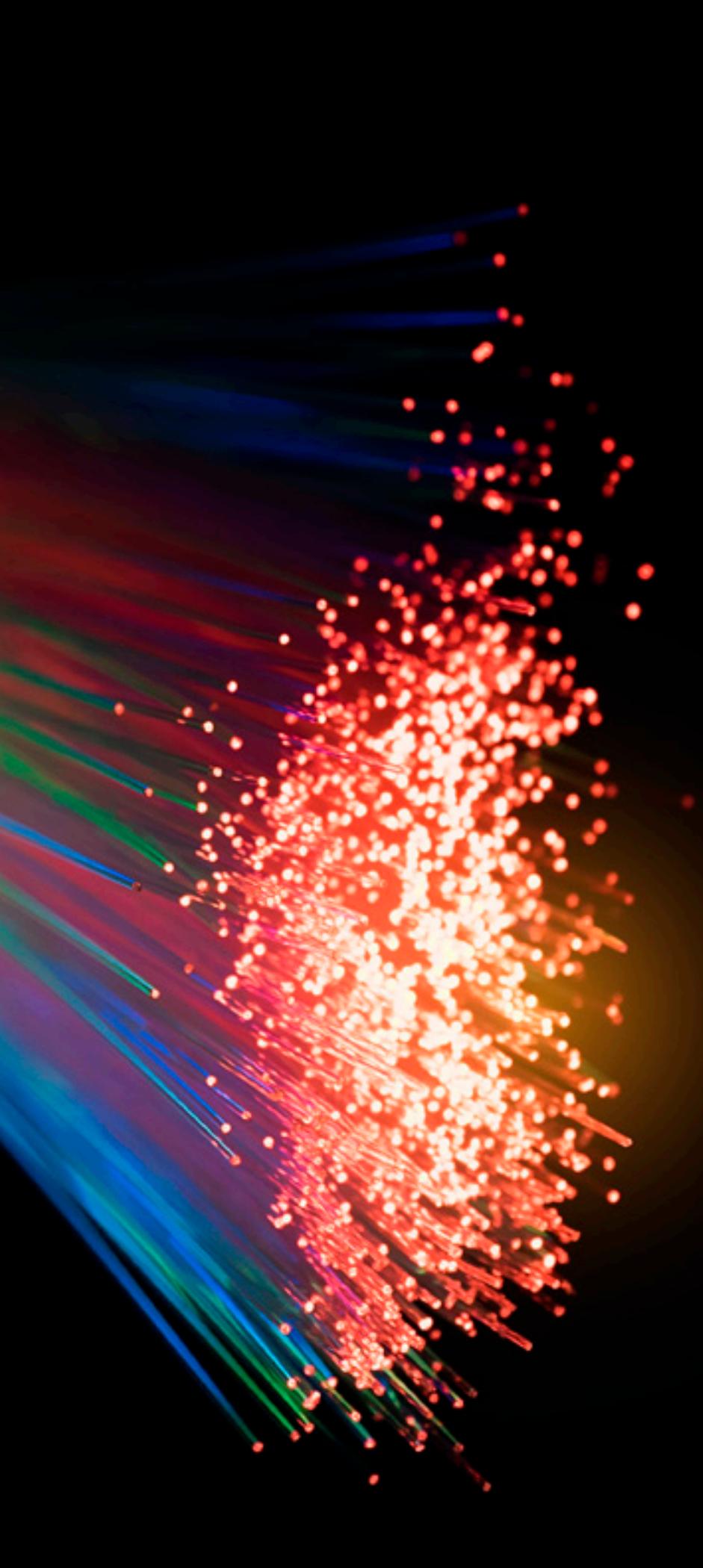


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Achieving Digital Equity for Community Justice

The mission of the California Emerging Technology Fund (CETF) is to close the Digital Divide (the Challenge), promote Digital Inclusion (the Process), and achieve Digital Equity (the Results) in California by accelerating the Deployment and Adoption of broadband in Unserved and Underserved communities and among Unconnected and Underconnected residents. State law defines broadband as a generic term for high-speed Internet infrastructure, including both wireline and wireless networks and advanced communications such as 5G.

CETF is a unique organization in the nation—no other state has a non-profit with a primary mission to close the Digital Divide by addressing the challenges of both “supply” and “demand” to increase the use of technologies enabled by ubiquitous high-speed Internet access. CETF is a vital catalyst for bringing together diverse stakeholders—elected officials and policymakers, regional and local civic leaders, community organizations, and broadband providers—to collectively tackle the many facets of the Digital Divide.

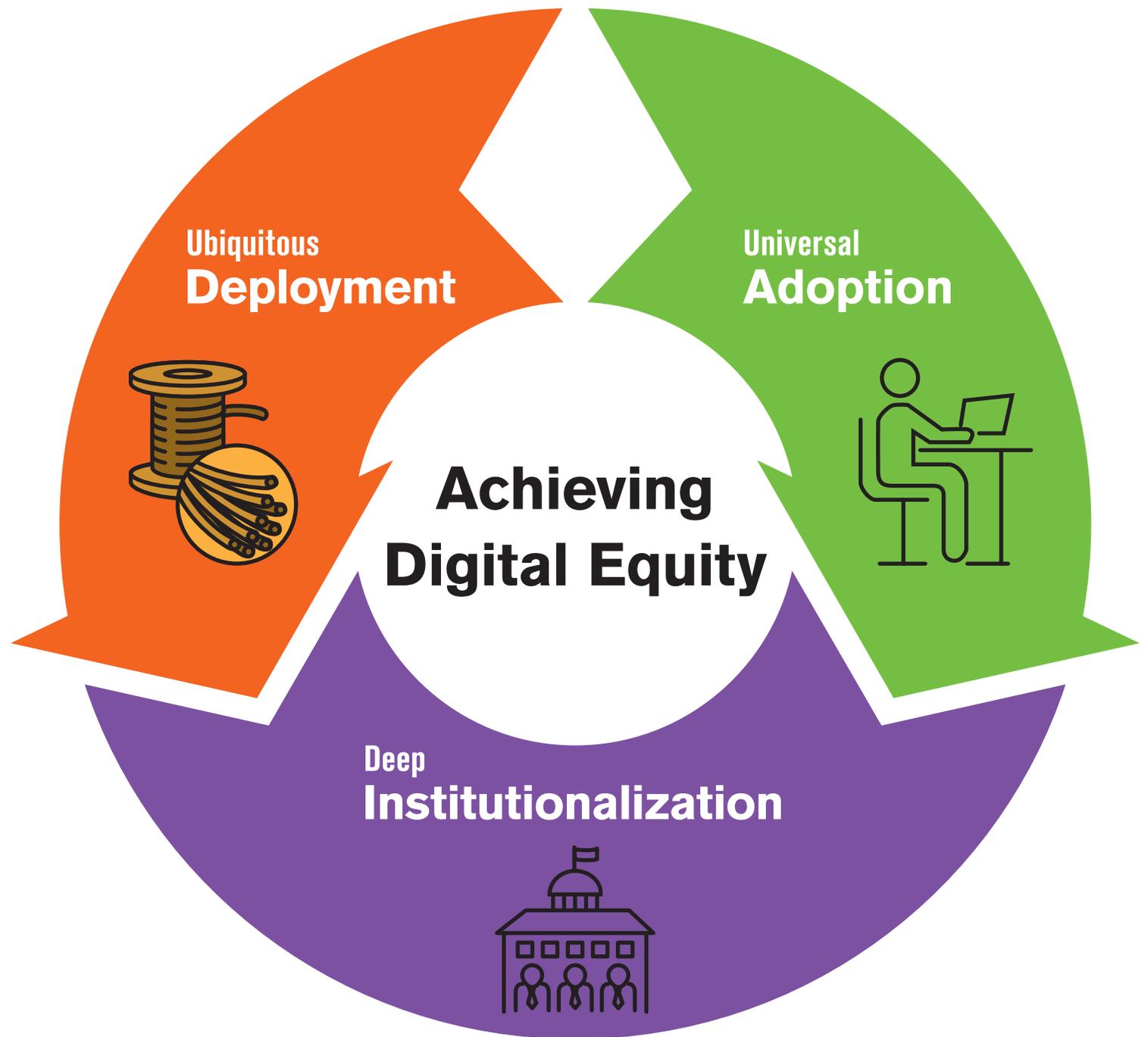
CETF concluded the first 10 years of operation in 2017 and published the Decade Report *Catalyst for Action*. This Progress Report concludes a 5-Year Strategic Plan *Quest for Digital Equity* and marks the launch of a new 3-Year Strategic Plan *Achieving Digital Equity for Community Justice*. This horizon aligns with the State’s timeline for investing \$6 billion in broadband approved in 2021 by the Governor and Legislature. It also provides a reasonable arc for the State and stakeholders to gain traction in effectively investing the \$1.5+ billion authorized in collections over the next decade into the CPUC California Advanced Services Fund.

3 OVERALL GOALS

A hallmark of CETF is a discipline focused on outcomes and accountability for results around 3 Overall Goals.

Overall Goal	5-Year Outcome Metric Ending 2022	3-Year Outcome Metric Ending 2025
Ubiquitous Deployment	98% Deployment Each Region Speeds Set by the State	99% Deployment Each Region Sufficient Speeds >100/20 Mbps.
Universal Adoption	90% Adoption Statewide 80% Low-Income Households	99% Adoption Statewide 90% Low-Income Households
Deep Institutionalization	Governor’s Executive Order Broadband For All Action Plan	Action Plan Implementation Digital Equity as Agency Culture

This Progress Report is organized according to the Overall Goals.





State Officials celebrated construction of the first segment of the State Middle-Mile Network in October 2022 as Caltrans workers demonstrated the deployment of broadband fiber along SR67 in San Diego County. Leaders included: Governor's Infrastructure Advisor Antonio Villaraigosa; California Transportation Agency Secretary Toks Omishakin; California Government Operations Agency Secretary Amy Tong; Deputy Secretary Innovation and Accountability Stuart Drown; State CIO and Director of California Department of Technology (CDT) Liana Bailey-Crimmins; CDT Deputy Director Middle-Mile Initiative Mark Monroe; CDT Deputy Director of Communications Amy Norris; GoldenStateNet President and CEO Tony Naughtin; Caltrans Director Tony Tavares; Assemblymember Jim Wood; Governor's Director of External Affairs Priscilla Cheng; and San Diego Futures Foundation Program Director Teresa Valenzuela.



**Ubiquitous
Deployment**



**Universal
Adoption**



**Achieving
Digital Equity**

**Deep
Institutionalization**



Ubiquitous Deployment

The California Emerging Technology Fund (CETF) is a leading champion for investment in broadband construction as essential infrastructure and necessary for getting all Californians connected to the Internet. Building broadband infrastructure is referred to as Deployment. Since 2008 when the Legislature and California Public Utilities Commission (CPUC) established the California Advanced Services Fund (CASF) with the initial \$100 million, CETF has sponsored all subsequent bills to authorize more collections into CASF, securing an additional \$545 million through 2017, including establishing the Accounts for Regional Broadband Consortia (RBCs), Public Housing Account, and Adoption. When the pandemic hit in 2020, CETF immediately called for legislation to increase revenues to CASF and mobilized stakeholders statewide, culminating with the passage of SB4 and AB14 in 2021 which authorized annual collections of \$150 million through December 2032. These efforts by the Legislature, Governor, CPUC, and CETF have authorized more than \$2 billion for CASF, making California a unique state in the nation.

In 2021 the Governor and Legislature also allocated \$6 billion of federal funds for broadband infrastructure: \$3.2 billion for a State-owned Middle-Mile Network called GoldenStateNet (GSN), which the California Department of Technology (CDT) oversees with CENIC as the third-party administrator; \$2 billion for Last-Mile Projects, which the CPUC administers for grants to private and public Internet Service Providers (ISPs); and \$750 million for a Loan Loss Reserve Fund managed by the CPUC for public agencies to build networks. The California Department of Transportation (Caltrans) is managing construction of GSN.

CETF is a member of the California Broadband Council (CBC) chaired by CDT. CBC is the statutory body responsible for coordinating State Agencies to close the Digital Divide. CDT authorized CETF in 2018 to convene State Agencies, RBCs, ISPs, and other stakeholders to identify Broadband Strategic Corridors for installation of broadband conduit with transportation construction in the spirit of “dig once” and “dig smart” to minimize future environmental impacts and traffic disruptions. Caltrans and the California Transportation Commission recognized broadband as a “green strategy” in Corridor Planning Guidelines. Caltrans appointed a Broadband Coordinator who cleared the backlog of pending permits and is working to streamline permitting. CETF and RBCs also submitted detailed testimony to the California Air Resources Board (CARB) urging funding of broadband to reduce greenhouse gas emissions. This work laid the foundation for today’s GSN.

CETF is active in CPUC rulemaking for CASF, setting forth an approach to accelerate Deployment: (a) engage RBCs, Metropolitan Planning Organizations (MPOs), and Councils of Governments (COGs) to coordinate outreach to all stakeholders; (b) establish open competition to invite ISPs to “step up or step aside” to build Last-Mile Projects “at scale” to the “hardest-to-reach” unserved areas (rural remote communities, including Tribal Lands, and high-poverty urban neighborhoods); (c) connect and upgrade all locations along the path of deployment, including anchor institutions; (d) foster public-private partnerships to leverage and stretch public dollars; and (e) streamline permitting for projects meeting these conditions. This framework is the most expeditious and cost-effective path to achieve Ubiquitous Deployment.

**California must advance aggressively
Ubiquitous Deployment to achieve Digital Equity.**



Achieve Ubiquitous Deployment

Strategies	Accomplishments
<p>Secure increased funding for broadband Deployment, especially the California Advanced Services Fund (CASF) administered by the California Public Utilities Commission (CPUC), and promote effective implementation.</p>	<p>Secured \$1B+ for CASF over 11 years (SB4-AB14) and supported \$6B in State investment (SB156) to accomplish >98% Deployment in each region.</p> <p>Wrote recommendation for Council on Competitiveness to call for \$100B investment nationally, building momentum for Infrastructure Investment and Jobs Act.</p> <p>Participated in CPUC CASF rulemaking setting forth effective strategies to accelerate Deployment. Published policy reports on Deployment, including 5G.</p>
<p>Collaborate with State Agencies to assist and facilitate broadband Deployment and incorporate Digital Equity into all policies and programs.</p>	<p>Achieved action by CTC and Caltrans to incorporate broadband into transportation corridor guidelines, leading to SR67 Project.</p> <p>Proposed Caltrans Broadband Coordinator new position and regular meetings with ISPs, resolving permit backlog and advancing “dig smart.”</p> <p>Urged CARB to embrace broadband as a “green strategy” for Cap-and-Trade investments, especially in AB617 Communities.</p>
<p>Support Regional Broadband Consortia (RBCs) and Metropolitan Planning Organizations (MPOs) to assist ISPs prepare applications for CASF and other public funding to reach all unserved households (HHs).</p>	<p>Funded 8 RBCs to develop Preferred Scenarios to prioritize projects and assist ISPs prepare applications for CASF and other public funds.</p> <p>Supported RBCs to identify Broadband Strategic Corridors, a foundation and precursor for the State Middle-Mile Network.</p> <p>Assisted MPOs and San Joaquin Valley Regional Broadband Consortium to pursue a Request for Qualifications for Prospective Partnerships (RFQPP) to engage ISPs in competition to deploy to hardest-to-reach unserved HHs.</p>
<p>Provide technical assistance and resources for Local Governments to accelerate Deployment.</p>	<p>Engaged and supported Connected Capital Area Broadband Consortium (Valley Vision) to update the Resource Guide for Local and Regional Government Leaders to help development of General Plan Elements, policies, and ordinances.</p> <p>Published a Strategic Action Plan Outline as a template to help Counties and Cities efficiently prepare a Plan and immediately launch action.</p> <p>Developed with RBCs a Best Practices Check List for Local Governments to achieve Digital Equity.</p>
<p>Ensure ISPs comply with Deployment public benefit obligations in MOUs with CETF governing corporate consolidations.</p>	<p>Worked with Frontier Communications to reach 107,000 unserved HHs, including CASF funding for Northeast Loop Phase I. Seeking documentation from Charter Communications for upgrades to 150,000 HHs.</p> <p>Identified and recruited sites for Frontier Communications to install 50 WiFi public locations to complete MOU obligation.</p> <p>Collaborated with T-Mobile and consulted RBCs to deploy 5G service to 10 rural fairgrounds.</p>



Governor Gavin Newsom signed SB156 in July 2021 to dedicate \$6 billion to deploy broadband throughout California. He was joined by Senator Lena Gonzalez, Senator Anna Caballero, and Assemblymember Cecilia Aguiar-Curry. CETF was represented at the bill signing by Eduardo Gonzalez, Interim Director of the CSU Fresno Office of Community and Economic Development which manages the San Joaquin Valley Regional Broadband Consortium, and Jose Antonio Ramirez, then Livingston City Manager.

“California is now one step closer to making the Digital Divide a thing of the past. We’re starting construction today to get affordable high-speed Internet in every California home because livelihoods depend on access to a reliable and fast internet connection. This is about ensuring that all Californians, no matter the zip code they call home, can be part of the Golden State’s thriving and diverse economy.”

—Gavin Newsom
California Governor

Regional Agencies Invite ISPs to “Step Up or Step Aside” for Sincere Partnerships

San Diego Association of Governments (SANDAG) and Southern California Association of Governments (SCAG) developed a Request for Qualifications for Prospective Partnerships (RFQPP) to invite Internet Service Providers (ISPs), both private and public, to submit proposals to deploy broadband into the “hardest-to-reach” areas—rural and remote communities, including Tribal Lands, and high-poverty urban neighborhoods—with the commitment to assist selected ISPs secure public funding and streamline project permitting. The San Joaquin Valley Regional Broadband Consortium and CETF joined forces to issue a similar RFQPP for the #SanJoaquinValleyNetwork (#SJVN). The RFQPP approach is an open, competitive, and transparent process to invite ISPs to “step up or step aside.” SANDAG, SCAG, and #SJVN are charting the path to determine which ISPs will enter into sincere partnerships to serve the public interest.

U.S. Senator Alex Padilla Urges Partnerships to for IJJA

CETF, California Forward, and more than 30 other civic leadership groups, community organizations, and Internet Service Providers sponsored a briefing by U.S. Senator Alex Padilla in November 2021 to discuss the federal Infrastructure Investment and Jobs Act (IIJA), also known as the Bi-Partisan Infrastructure Bill (BIL). Senator Padilla urged all the stakeholders to work together and forge partnerships to secure California’s fair share of federal funds and to ensure the best value for California taxpayers and residents. Assembly Majority Leader Eloise Gómez Reyes thanked Senator Padilla for his leadership and support to drive to Digital Equity in California. U.S. Department of Commerce National Telecommunications and Information Administration (NTIA) Acting Director Evelyn Remaley and President of CTC Technology and Energy Joanne Hovis (also CEO of the Coalition for Local Internet Choice and advisor to the Benton Institute for Broadband & Society) urged continued collaboration and commended California Forward and CETF as leadership assets for California.



As State Senator, Alex Padilla authored legislation to establish the California Advanced Services Fund and the California Broadband Council.



President’s Infrastructure Coordinator Mitch Landrieu Commends CETF

President Biden named New Orleans Former Mayor Mitch Landrieu as White House Senior Advisor and Infrastructure Coordinator to oversee the implementation of IIJA-BIL. Landrieu commends CETF for leadership on its Internet For All Now.



Installation of broadband fiber in conjunction with resurfacing of SR67 in San Diego County was celebrated as the first segment of the State Middle-Mile Network (GoldenStateNet) in October 2022 by: California Transportation Agency Secretary Toks Omishakin; California Government Operations Secretary Amy Tong; Deputy Secretary Innovation and Accountability Stuart Drown; State CIO and Director of California Department of Technology (CDT) Liana Bailey-Crimmins; CDT Deputy Director Middle-Mile Initiative Mark Monroe; CDT Deputy Director of Communications Amy Norris; GoldenStateNet President and CEO Tony Naughtin; Caltrans Director Tony Tavares; Assemblymember Jim Wood; Governor’s Director of External Affairs Priscilla Cheng; San Diego Futures Foundation Program Director Teresa Valenzuela; and Governor’s Infrastructure Advisor Antonio Villaraigosa.

“Dig Smart” Leads to Groundbreaking Network

The California Department of Transportation (Caltrans) District 11 and the San Diego Association of Governments (SANDAG) proposed in April 2021 to install broadband fiber (using state-of-the art micro-trenching technology) in conjunction with resurfacing of State Route 67 (SR67). CETF actively supported the concept and urged action to employ a “dig once” and “dig smart” strategy advocated by Caltrans Deputy District Director Chris Schmidt. The County of San Diego and California Transportation Commission immediately concurred and together all the agencies allocated the requisite additional funding.

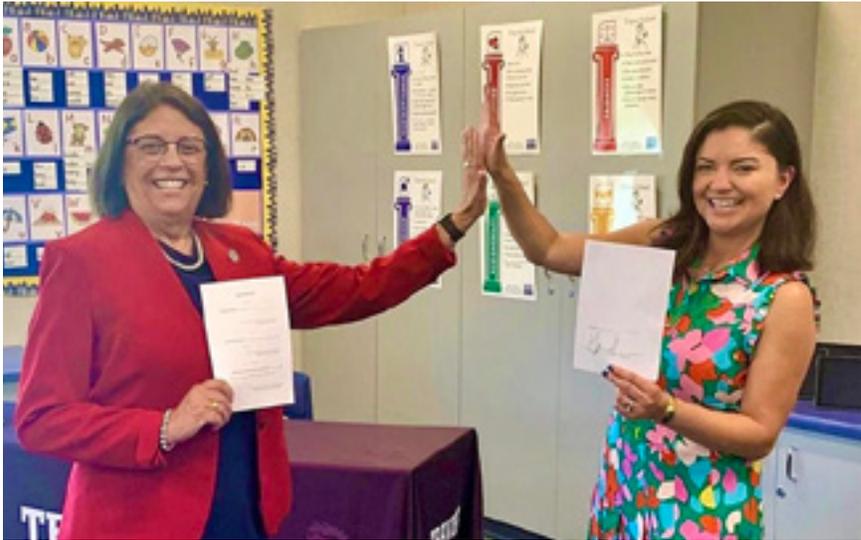
This action was accomplished in a mere six weeks, demonstrating how collaboration and shared purpose can make a difference in the lives of the millions of Californians who are still unconnected to the Internet. When the Legislature and Governor enacted SB156 in July 2021 authorizing \$6 billion to build high-speed Internet infrastructure throughout California, of which \$3.25 billion was allocated for a State-owned open-access Middle-Mile Network, now called GoldenStateNet GSN), the SR67 project became the first GSN segment to be funded, freeing up the local funding to reinvest in other smart technology in the corridor. Construction began on GSN SR67 in October 2022. Bold regional leadership and unprecedented collaboration on “dig smart” led to a groundbreaking State investment in high-speed Internet Deployment.

“Beginning construction on the middle-mile network is a significant step toward broadband equity and providing all Californians the opportunity to access critical information. High-speed Internet is much more than a connection—it’s a lifeline that families need to work, learn, and access critical services.”

—Toks Omishakin
California State Transportation Secretary



Legislators Authorize Historic Investments for Deployment and Adoption



Assemblymember Cecilia Aguiar-Curry (left) and Senator Lena Gonzalez attended the signing of SB156 to dedicate \$6 billion to build broadband. Senator Gonzalez and Assemblymember Aguiar-Curry also teamed up to authorize historical collections of \$150 million annually through 2032 into CASF to close the Digital Divide. (Photo courtesy of Office of Assemblymember Cecilia Aguiar-Curry)

“It is absolutely critical for all Californians to have adequate connectivity so they may compete in business and conduct their daily lives. That’s why I wrote this new law (Broadband Access Point Investment Acceleration Study Act of 2022), which will bring stakeholders together to identify what’s preventing access and plot a course for improvements. It will ensure a greater number of people have this essential service and help close the Digital Divide.”

—Senator Bill Dodd
Author, Broadband Access Study Act of 2022 (SB717)



Commissioner Darcie Houck, representative of the CPUC on the California Broadband Council, is reaching out to residents and stakeholders to gather input on strategies to accelerate broadband Deployment and Adoption. In November 2022 she addressed the CETF School2Home Leadership Academy and Grantee Learning Community. Los Angeles Region civic leaders attended to listen to Commissioner Houck.

Ubiquitous Deployment

Local Governments Are Vital to Accelerating Deployment

Local Governments are vital to planning for broadband infrastructure, accelerating Deployment, and streamlining permitting. Humboldt County led the way more than 15 years ago by incorporating a Broadband Element into their General Plan and enacting enabling ordinances. The City of Riverside launched SmartRiverside and deployed a WiFi network citywide. Loma Linda was a leading-edge smart city embracing telehealth.

Almost a decade ago Lit San Leandro negotiated a groundbreaking public-private partnership to install a fiber ring in the central business district with the assistance of a U.S. Department of Commerce Economic Development grant. San Leandro extended connectivity to neighboring jurisdictions. Yolo County developed a Broadband Strategic Plan under the auspices of the Local Agency Formation Commission.

In 2019 the Nevada County Board of Supervisors called for applications to their Last-Mile Broadband Grant Program. In 2020 Nevada County initiated a Countywide Programmatic Environmental Impact Report (EIR) with a grant from CETF, support from the Gold County Broadband Consortium (managed by Sierra Business Council), and pro bono assistance from Crown Castle and Nossaman LLP. Nevada County continues to lead the way with the active engagement of Chief Information Officer Steve Monaghan and support from the County Administrator.

Nevada County Supervisors Hardy Bullock, Heidi Hall, Susan Hoek, Dan Miller, and Ed Scofield conferred with CIO Steve Monaghan, Acting Public Works Director Trisha Tillotson, and Sierra Business Council VP Kristin York in approving development of a Countywide Programmatic EIR and thanked CETF for the grant. The Nevada County leadership on this visionary effort as well as the Last-Mile Grants Program includes County Executive Officer Alison Lehman, Interim Assistant CEO Caleb Dardick, and Planning Director Brian Foss.



The South Bay Cities Council of Governments, composed of 16 Cities, including Los Angeles, plus the County of Los Angeles, built the South Bay Fiber Network to connect anchor institutions with \$6.9 million from Los Angeles Metro Measure M. SBCCOG conducted a competitive bid process in 2019 and began construction in 2020 with 40 circuits currently operational.

The City of San José negotiated agreements with 3 ISPs to construct 5G networks and is reinvesting a portion of the revenues into Digital Inclusion Grants to get all low-income households connected and digitally proficient. San José also is assisting the East Side Union High School District install a WiFi network throughout the attendance area. With support from the Fresno Coalition for Digital Inclusion, Fresno Unified School District is deploying private LTE services and the City of Fresno is finalizing a Strategic Broadband Plan.

Rural County Representatives of California (RCRC) is leading the formation of a joint powers authority (Golden State Connect Authority) and planning to advance deployment of broadband in 26 Rural Counties. The County of Los Angeles has invited proposals to get all publicly-subsidized housing complexes under their jurisdiction connected with free or affordable high-speed Internet service. The CPUC commitment of CASF collections into the Public Housing Account now makes it possible to get connected all 5,500+ publicly-subsidized housing complexes in California. In addition, SB156 requires the CPUC to invest at least \$5 million for Last-Mile Projects in each of the 58 Counties. Local Governments need to provide input to the CPUC to prioritize unserved areas and to assist in implementation of infrastructure grants.

“The urgency to close the Digital Divide has never been so obvious, or more dire. Fortunately, systemic change is within the grasp of regulators and policymakers if they seize the moment. Imagine the imbalances that could be addressed in meaningful ways if we could achieve Digital Equity once and for all, giving everyone a chance to thrive.”

—Betty Yee
Former Controller State of California



City of Los Angeles Mayor Karen Bass is a long-time champion of Digital Equity and an outspoken leader for Community Justice.



SCAG Program Manager II Roland Ok and Caltrans District 7 Equity Program Manager Alice Tyree are collaborating to facilitate deployment of broadband in Southern California.



Valley Vision
Managing Director
Trish Kelly

Civic Leadership and Innovative Network Provide Access for a Priority Neighborhood

Valley Vision was among the first civic “entrepreneur” leadership organizations in California and is a long-time champion for the Deployment and Adoption of high-speed Internet infrastructure. Valley Vision is the fiscal agent for the Connected Capital Area Broadband Consortium (CCABC) and has led implementation of School2Home at Leataata Floyd Elementary School and a Neighborhood Transformation Initiative for the Marina Vista and Alder Grove affordable housing communities with grants from CETF. This history of community collaboration presented an opportunity to coordinate a partnership of companies to install a private LTE wireless network using Citizens Broadband Radio Service (CBRS) spectrum to reach 751 households (about 1,878 residents including 300 students), a health clinic, the Food Literacy Center, and other community facilities. It is a “super WiFi” disruptive technology solution because marketplace ISPs have not been able to provide affordable service. Backhaul to the Internet is through Comcast. The pilot project, which covered 25 households, was led by CETF Expert Advisor Prasad Rampalli (Intel retired executive), sponsored by CETF Board Chair Barbara O’Connor, and facilitated by Valley Vision Managing Director Trish Kelly. It was implemented in partnership with the Sacramento Housing and Redevelopment Agency (SHRA), the owner of the housing units, and funded by \$200,000 from Intel and Amazon Web Services (AWS) with in-kind support from JMA, CommScope, Megh Computing, and Future Technologies. Federated Wireless will be the lead solution integrator, managing scaling deployment with cooperation from the City of Sacramento, SHRA Promise Zone, and Sacramento City Unified School District. The Sacramento City Council, with leadership from Mayor Darrell Steinberg and Councilmember Katie Valenzuela, has allocated \$1.4 million from Measure U to extend the network which will provide free service for residents for 5 years and to leverage digital literacy training with computing devices.



Former Principal Michelle Blanton



Principal Mai'u Sam Floyd (son of namesake Leataata Floyd)



Councilmember Katie Valenzuela



SHRA Executive Tyrone Williams



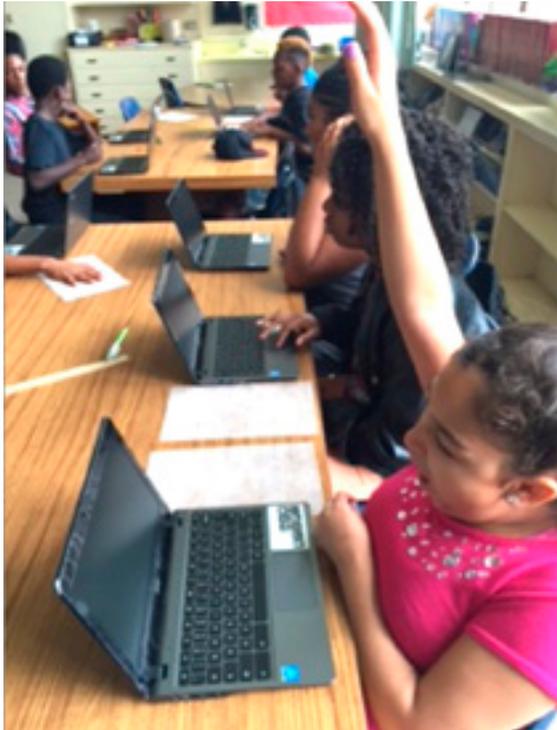
“We are committed to making Digital Equity a cornerstone of our inclusive economic development strategy.”

—Sacramento Mayor Darrell Steinberg



Awaiz Khan Amazon Web Services

Prasad Rampalli Rampalli Associates, CETF Expert Advisor





**Ubiquitous
Deployment**



**Universal
Adoption**



**Achieving
Digital Equity**

**Deep
Institutionalization**





Students at Frank D. Parent TK-8 School in Inglewood Unified School District were very excited to receive a new Chromebook with a protective cover provided by Frontier Communications and distributed by CETF. The computers were donated to students and their families to own and use at home.

Universal Adoption

The California Emerging Technology Fund calls Digital Equity a 21st Century Civil Right. Rural and low-income residents stuck on the wrong side of the Digital Divide are being left behind at an accelerating pace—unable to apply for jobs, keep up in school, or access information about public services. Today 15% of all California households are digitally-disadvantaged—9% are Unconnected (not online at home) and 6% are Underconnected (have only a smartphone); 29% of low-income are disadvantaged with 18% Unconnected and 11% Underconnected. Getting residents connected at home to the Internet with digital literacy proficiency is called Adoption. In the last 5 years, CETF and CBO Grantees have assisted more than 525,000 low-income households get connected with affordable home Internet service, achieving 91% Adoption statewide in 2021. The pursuit of Universal Adoption underscores the need to get all residents online to achieve Digital Equity.

While access to broadband infrastructure is necessary, it is not sufficient to close the Digital Divide. It takes targeted strategies and intense outreach in-language and in-culture by “trusted messengers” to overcome 3 primary barriers for low-income households: (a) cost; (b) relevance; and (c) digital literacy. All CETF Grantees—the original “Digital Navigators”—address these 3 barriers when achieving an Adoption. Many Grantees also offer additional digital literacy training using a common Self-Assessment Tool to measure proficiency with a statewide standard. Adoption should be incorporated into all existing public assistance programs and services for low-income households.

CETF mobilized statewide with Grantees to take advantage of the federal subsidies for affordable Internet service called the Emergency Broadband Benefit (EBB) Program and its successor the Affordable Connectivity Program (ACP). Los Angeles County launched in December 2021 for its Delete the Divide initiative a major promotion of EBB, demonstrating the ability to increase enrollment significantly. This experience led to the California Broadband Council (CBC) adopting in March 2022 a goal to enroll 90% of all ACP-eligible households by 2024 through *Get Connected! California* which is coordinated by CETF and includes CBC, CDT, California Department of Education (CDE), State Library, California State Association of Counties (CSAC), and other State Agencies. Riverside County, MPOs SCAG and SANDAG, Santa Clara County Office of Education (SCCOE), and Contra Costa Community College Districts are leaders in promoting ACP. It is essential that the State get enrolled in ACP all recipients of Medi-Cal, CalFresh, School Lunch Program, and Pell Grants to help residents overcome poverty and to save administrative costs for government.

School-based strategies such as School2Home are effective in closing the Digital Divide—reducing the percentage of Underconnected households from 18% to 6% between 2017 and 2021. All School Districts, with support from CDE and County Offices of Education, should provide every low-income student a computing device that goes home, train parents on using the technology, and inform them about ACP. Optimizing the use of telehealth both increases access to care and accelerates Adoption. Local Governments can further close the Digital Divide through initiatives such as the San José Digital Inclusion Partnership.

**California must advance aggressively
Universal Adoption to achieve Digital Equity.**



Achieve Universal Adoption

Strategies	Accomplishments
<p>Achieve 500,000 Adoptions by low-income households through performance-based grants to community-based organizations (CBOs) and public agencies.</p>	<p>Achieved more than 525,000 Adoptions in partnership with CBOs as trusted messengers and the original Digital Navigators—reaching 91% Adoption rate statewide in 2021.</p> <p>Launched public awareness ad campaign and established Call Center to support CBOs in achieving Adoptions.</p> <p>Developed standardized assessment of skills for common metrics of digital literacy training to evaluate results statewide.</p>
<p>Mobilize to promote affordable home Internet offers, especially the Affordable Connectivity Program (ACP) under the leadership of the California Broadband Council (CBC) and California Department of Technology (CDT).</p>	<p>Supported CBC, CDT, and State Agencies develop and launch <i>Get Connected! California</i> to enroll 90% of ACP-eligible HHs by 2024 and organized 49 ACP Enrollments Events in 2022. Developed ACP Enrollment Tracker with CDT, CSU Chico, USC.</p> <p>Partnered with 4 energy utilities to inform >1.9M low-income customers about ACP and train more than 140 CBOs in outreach. Engaged 110 School Districts to inform >.96M families.</p> <p>Negotiated MOUs with ISPs to achieve >800,000 Adoptions. Distributed 25,000 Chromebooks donated by Frontier Communications to needy students in 41 Districts and 43 Tribal Organizations.</p>
<p>Lead School2Home to close the Digital Divide and Achievement Gap to transform practice and policy for excellence in education.</p>	<p>Led School2Home at 29 Schools in 7 Districts for more than 16,000 students, their parents, and 800 teachers.</p> <p>Prepared, peer reviewed, and published “School2Home In A Box” Implementation Guide for 10 Core Components.</p> <p>Aligned public services to support students and families in Neighborhood Transformation Pilot Projects in Long Beach and Contra Costa County.</p>
<p>Support City of San José to advance Digital Inclusion as a leading model to get online 50,000 low-income households in a decade.</p>	<p>Assisted City of San José to design and launch Digital Inclusion Partnership. Managed <\$3.5M (>\$1.5M Digital Inclusion Grants + >\$1.9M in donations).</p> <p>Managed and coached 30 Grantees to achieve 4,272 Adoptions. Managing 13 Grantees to achieve <2,090 Adoptions for more than 6,000 households connected and digitally proficient.</p> <p>Coordinated with City and Santa Clara County Office of Education in response to pandemic to manage \$1.39M in donations to purchase computers for 4,645 students in 62 Schools.</p>
<p>Optimize telehealth to improve patient outcomes and increase overall population health.</p>	<p>Convened Fact-Finding Listening Conferences in partnership with CENIC, PICE, CPCA for 160 leaders with 30 experts to inform and publish a Telehealth Action Plan</p> <p>Sponsored and managed SNF Pilot Project to demonstrate ability of telehealth to improve care and reduce costs.</p> <p>Secured FCC \$862,906 Telehealth Grant for 12 partners and trained staff at 25 facilities.</p>

Statewide Survey on Broadband Adoption and Digital Equity

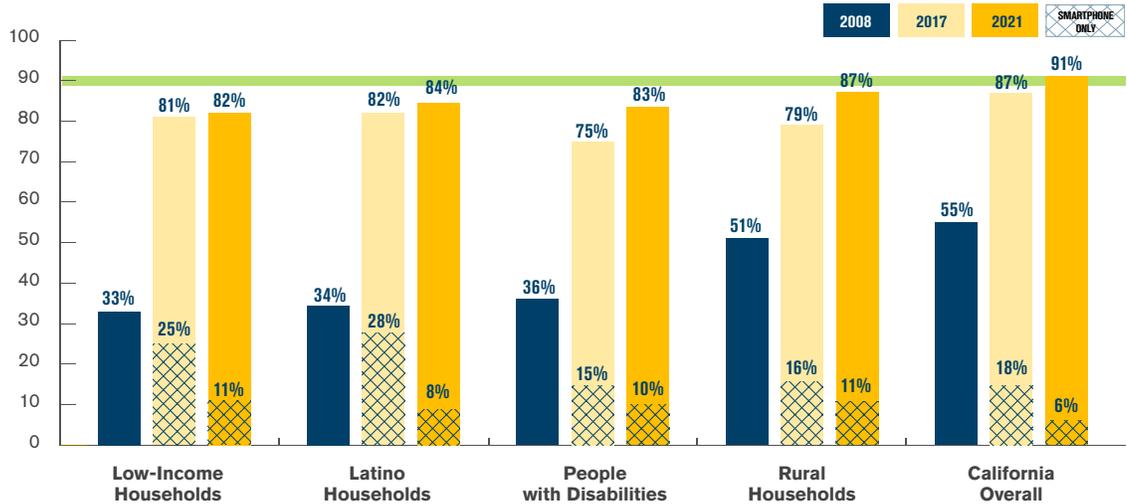
Closing the Digital Divide, promoting Digital Inclusion, and achieving Digital Equity must be informed by data to drive accountability. CETF has sponsored the Statewide Survey on Broadband Adoption since 2008 with 4 different independent research institutions. CETF partnered with the University of Southern California (USC) Annenberg School for Communication and Journalism to conduct the 2021 Statewide Survey (see below) and will be coordinating with the California Department of Technology to conduct the 2023 Statewide Survey to inform preparation of the Digital Equity Plan. CETF also is partnering with Pew Charitable Trusts and USC to study models for ensuring affordable Internet service for low-income households. The USC Research Team is led by Hernán Galperin, Ph.D., François Bar, Ph.D., and Thai V. Le, Ph.D.



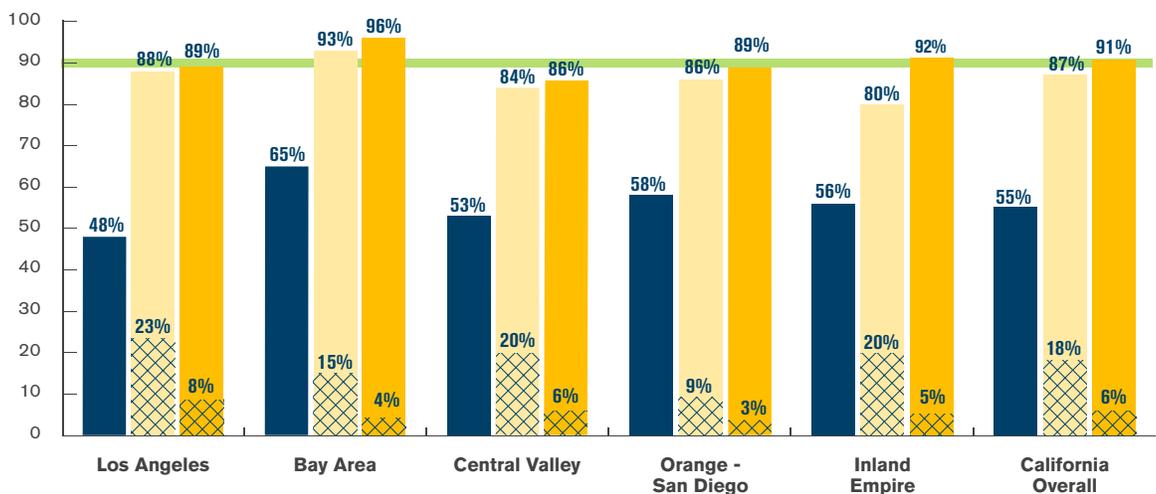
Drew Clark, Broadband Breakfast Media LLC based in Washington, D.C. has joined with CETF to produce several forums on Digital Equity, including featuring Dr. Galperin to report on the Statewide Survey.

Broadband Adoption Groups

EXCEEDED 2022 GOAL: 90% OVERALL ADOPTION

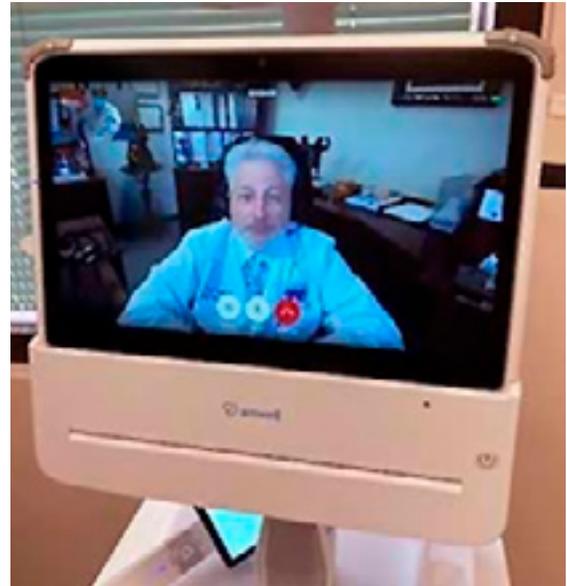


Broadband Adoption Regions



CETF Promotes Telehealth to Enhance Patient Care

The CETF Board of Directors immediately responded to the COVID-19 pandemic in 2020 and directed the establishment of a new initiative on telehealth. CETF has a long history as a telehealth trailblazer as a founding partner and the largest investor in the California Telehealth Network. Under the leadership of Director Barb Yellowlees, Chair of the CETF Telehealth Committee, CETF joined forces with CENIC, Partners in Care Foundation, and California Primary Care Association to convene Fact-Finding Listening Conferences in 2020 with more than 160 experts and stakeholders to develop and publish an Action Plan to institutionalize telehealth in public policy to improve patient outcomes and overall population health. CETF also funded and managed a Skilled Nursing Facilities (SNF) Pilot Project which showed that telehealth can save money by reducing transfers to hospitals by



Noah Marco, M.D., Chief Medical Officer, Los Angeles Jewish Health (LAJ Health), is the leading partner with CETF for both the SNF Pilot Project and FCC Telehealth Grant. He eloquently explains with tangible evidence of how telehealth improves patient care and augments the LAJ Health commitment to “not just add years to life, but add life to years.”

as much as 20% and that 94% of the residents and their families and 75% of the professional caregivers are comfortable with the technology once they are sufficiently trained. The SNF Pilot Project was foundational to securing a \$862,906 grant from the FCC to buy telehealth carts for 12 partners in 25 facilities, including SNFs, community clinics, and rural hospitals. CETF is managing this expanded partnership to document the benefits of telehealth for policymakers and regulators.



Glen Xiong, M.D., Geriatric Psychiatry & Internal Medicine, Clinical Professor, U.C. Davis, serves as the Chief Medical Officer for the CETF SNF Pilot Project and FCC Telehealth Grant Project, providing valuable coaching to all partners.



Barb Yellowlees chairs the CETF Telehealth Committee including Directors Dorian Traube, Ph.D., Jim Kirkland, and Martha Escutia.



Barb Yellowlees, Chair, CETF Telemedicine Committee, Dorian Traube, Ph.D., CETF Director and Associate Professor, USC Suzanne Dworak-Peck School of Social Work, and Leticia Alejandre, CETF Director of Telehealth and Human Services, facilitated a Roundtable at USC in June 2022 to hear the findings of evaluation of the SNF Pilot Project from Kate Wilber, Ph.D., Professor of Gerontology, USC Leonard Davis School of Gerontology, and Donna Benton, Ph.D., Assistant Dean of Diversity and Inclusion, Research Associate Professor of Gerontology, Director, Family Caregiver Support Center, USC Leonard Davis School of Gerontology. Dr. Xiong and Dr. Marco underscored the importance of supporting and training SNF personnel to adopt technology in order to optimize the benefits of telehealth.



CETF Distributed Devices Purchased by Frontier to 25,000 Students and Trained Their Parents

The CETF-Frontier Communications Memorandum of Understanding (MOU) committed Frontier to purchase 50,000 Internet-enabled computing devices suitable for school work and testing, for which Chromebooks were selected. CBO Grantees distributed 25,000 Chromebooks in conjunction with household Adoptions. When the pandemic hit, Frontier Communications proposed accelerating the distribution of the remaining 25,000 computers to needy students and their families. CETF managed the project, consulted the California Department of Education, distributed 25,000 Chromebooks to students in 41 School Districts in Frontier service areas and 43 Tribal Organizations statewide, trained District personnel to deliver digital literacy training, and coordinated CBO Grantees to train directly more than 7,100 parents. CETF requested that Districts enter into a Partnership Agreement to “pivot to the future” by participating in a Learning Community to use technology effectively in teaching and learning with deep parent engagement consistent with the School2Home Core Components. As a result, several of the collaborating Districts are becoming School2Home Partners.

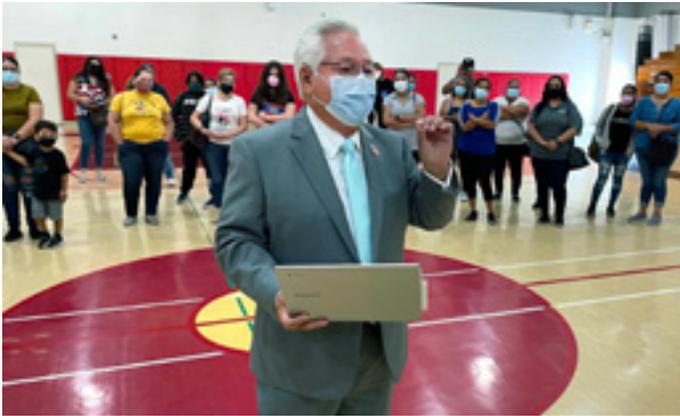
“School2Home literally was a blessing from above when our community needed it the most. Thousands of families participated in our Back-to-School Extravaganza and, as a result of the partnership, 500 families had a Chromebook in their own homes. This was life-changing and transforming to our community. Families were thankful and humbled by the experience.”

—Family Engagement Office
San Bernardino City Unified School District



“I visited a home to deliver a Chromebook. I saw two kids behind the door. I saw their faces with joy while the parent was receiving the Chromebook. I could hear them whispering to each other. ‘I will use it first! My homework is more important.’ Then I realized I have delivered not only a service but a possibility to higher education.”

—American GI Forum Education Foundation
CETF Grantee Partner



Senator Bob Archuleta, also former Mayor of Pico Rivera, helped distribute Chromebooks at Montebello Unified School District and El Rancho Unified School District.



Assemblymember Eduardo Garcia helped deliver Chromebooks to families in a drive-through device distribution for Coachella Unified School District.



“Thanks to the systems and structures our District has in place, with staff dedicated to supporting family engagement, we were able to distribute 100% of the devices to our students and families! We’ve built strong and trusting partnerships with our families by supporting learning at home with technology.”

—Family and Community Engagement Office
Anaheim Union High School District





State Agencies and Volunteers Launch *Get Connected! California*

In March 2022 the California Broadband Council adopted a goal of enrolling 90% of eligible households in the federal Affordable Connectivity Program (ACP) by 2024, becoming the first state to set a target to focus collective effort. ACP provides a \$30 subsidy per month for Internet service and all major ISPs have pledged to the White House to offer quality service for that price. Led by the California Department of Technology (CDT), California Department of Education (CDE), and State Library in collaboration with the California State Association of Counties (CSAC), CETF organized and supported *Get Connected! California* to reach all eligible households and conduct 49 in-person ACP Enrollment Events throughout California in August and October 2022 and served almost 1,000 families. Questionnaires from 337 households who received computing devices through random drawings confirmed that the ACP Enrollment Events reached the most digitally-disadvantaged residents: 76% earned less than \$40,000 per year (90% less than \$60,000); 19% never have been connected to the Internet at home; those currently connected are paying an average of \$67 per month (so \$30 is a real help financially); 60% speak a language other than English at home; 55% rate themselves a “beginner” using a computer and 61% want more training; and 93% consider home Internet service “extremely or very important” to their lives.



“The California Broadband Council is a vital forum for State Agencies and stakeholders to confer on strategies to close the Digital Divide and focus on achieving Digital Equity. CETF has been an important partner to the State as a member of the California Broadband Council.”

—Secretary Amy Tong
California Government Operations Agency



The California Broadband Council is chaired by State Chief Information Officer and CDT Director Liana Bailey-Crimmins, staffed by CDT Deputy Director Scott Adams, Office of Broadband and Digital Literacy, and overseen by Government Operations Agency Secretary Amy Tong. By state statute, CETF is a member of the California Broadband Council.



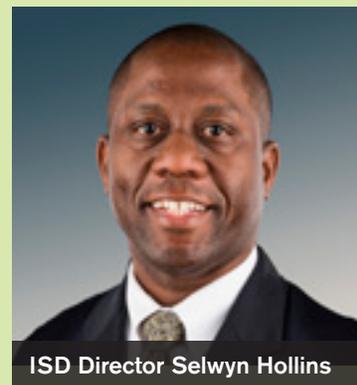
Counties Lead the Way on Getting All Households Online

California Counties have special opportunities to help get online all low-income households because they determine eligibility for Medi-Cal, CalFresh, and WIC (Women, Infant and Children) programs which automatically qualify recipients for the federal Affordable Connectivity Program (ACP), a subsidy of up to \$30 per month for home Internet service.



Los Angeles County Supervisors: Chair Holly Mitchell (center); Janice Hahn; Hilda Solis; Sheila Kuehl; Kathryn Barger. Lindsey Horvath succeeded Kuehl in December 2022.

In 2021 the Los Angeles County Board of Supervisors launched the Delete The Divide initiative and directed comprehensive actions to ensure all households have access to high-speed Internet at an affordable price. Internal Services Department (ISD) Director Selwyn Hollins moved expeditiously to promote the Emergency Broadband Benefit (EBB) Program in December 2021, demonstrating the ability to increase enrollment by more than 40% with a focused effort. Los Angeles County is continuing the campaign to promote ACP. In December 2022, ISD worked with other County Departments to host 7 ACP Enrollment Events and distributed 100 computers at each location to households signing up. CETF and CBO Grantees assisted in enrolling households.



ISD Director Selwyn Hollins

Los Angeles County employees helped enroll residents in ACP.



In August 2022 the Riverside County Board of Supervisors approved funding for a major initiative to achieve Digital Equity, including enrolling all low-income households in ACP. Chief Data Officer Tom Mullen is leading implementation and engaging all other County Departments that serve ACP-eligible households. County Officials are stepping up with enthusiasm and innovative strategies, charting a path to success.



Riverside County Supervisors: Kevin Jeffries; Karen Spiegel; Chuck Washington; Manuel Perez; Jeff Hewitt.

“Riverside County has prioritized closing the Digital Divide and is dedicating resources to getting all eligible households enrolled in the Affordable Connectivity Program (ACP). Ensuring that all families—regardless of socio-economic status—have access to telehealth, online education, and remote work opportunities is one of the most important services Counties can provide.”

—Riverside County Supervisor Chuck Washington
President, California State Association of Counties





Former Mayor Sam Liccardo joined Sacred Heart Community Services for an ACP Enrollment Event.

“The City of San José has made big strides in delivering on our commitment to Digital Inclusion. The California Emerging Technology Fund’s partnership has helped us achieve our vision of more than 6,000 low-income San José households connected to the Internet and trained in digital literacy and enabling this initiative to be a national model for equal access to opportunity.”

—San José Former Mayor Sam Liccardo

San José Digital Inclusion Partnership is Trailblazing

The City of San José Council engaged CETF to help manage Digital Inclusion Grants to get 50,000 low-income households online and proficient in digital literacy. The San José Digital Inclusion Partnership (SJDIP) is supported by City revenues from contracts with ISPs to deploy 5G networks as well as donations managed by CETF. The City Council has approved 3 Rounds of Digital Inclusion Grants for a total of \$1,925,250 in 43 Grants to 26 Grantees to get more than 6,000 low-income households connected. A hallmark of SJDIP is digital literacy training with metrics that have shown significant results. Rounds 1 and 2 Grantees achieved 4,272 Adoptions. Round 3 Grantees are funded to achieve 2,090 Adoptions. CETF also managed 11 Grants with the Santa Clara County Office to Education to purchase computing devices for 4,645 students in 62 Schools during the pandemic. In addition, CETF has managed almost \$2 million in donations to the SJDIP. The Digital Literacy Proficiency Self-Assessment now is being used statewide by all CETF Grantees.



For more information, visit www.sjdigitalinclusion.org.



SPOTLIGHT ON SUCCESS

“County Offices of Education are essential partners in closing the Digital Divide. COEs address the most complicated problems facing the schools and families through partnership, leadership, innovation and collaboration. COEs can leverage expertise, avoid duplication of effort and provide critical information in real time to address equity and improve outcomes for all students.”

—County Superintendent of Schools
Mary Ann Dewan, Ph.D.
Santa Clara County Office of Education



Education Leaders Can Reach All Students and Parents

When the COVID-19 pandemic shelter-in-place orders required every District to conduct instruction online, the Santa Clara County Office of Education (SCCOE) immediately partnered with the City of San José, County of Santa Clara, foundations, and other community organizations to support distance learning. County Superintendent of Schools Mary Ann Dewan, Ph.D., wrote to more than 267,000 students and their parents to inform them about affordable home Internet service offers. SCCOE and CETF managed \$1,375,000 in San José Digital Inclusion Partnership donations to purchase computers for 4,645 in 62 Schools. SCCOE collected parent surveys which confirmed the importance of all students being connected at home with an appropriate computing device and parent training.

The Los Angeles County Office of Education (LACOE) under the leadership of Superintendent Debra Duardo, Ph.D., has joined forces with Los Angeles County in the Delete The Divide initiative. LACOE also is helping promote ACP enrollment through community tech centers.

Higher Education Institutions can greatly increase ACP enrollment because all students receiving Pell Grants are eligible. The 3 foundations serving 9 Los Angeles Community College District Colleges have received grants from CETF to inform students about ACP. Evergreen Valley College in San José has received a Digital Inclusion Grant to achieve Adoptions. And, in November 2022, Contra Costa Community College District became the first in the state to notify all Pell Grant recipients about ACP.

“Access to high-quality Internet is a basic need for today’s college students. Many of our students struggle to make ends meet, and our colleges are doing an amazing job of providing an array of basic needs programs that are helping them stay on their educational journey. This program of affordable or free high-quality internet access at home to support our students’ educational success is critical given the increasing demand of online or hybrid courses our students want.”

—Interim Chancellor Mojdeh Mehdizadeh
Contra Costa Community College District



School2Home Closes the Achievement Gap and Digital Divide

School2Home is an innovative statewide initiative to close both the Achievement Gap and Digital Divide at low-performing Middle Schools by integrating the use of Internet-enabled computing devices into teaching and learning coupled with deep parent engagement. It is anchored in research and best practices for improving academic performance and effectively using technology. School2Home employs 10 Core Components in mutually-reinforcing interventions that transform school culture to improve student outcomes on a range of measures. It provides the *essential framework* to turn around low-performing Schools and the *requisite platform* for innovative pedagogy and personalized learning.

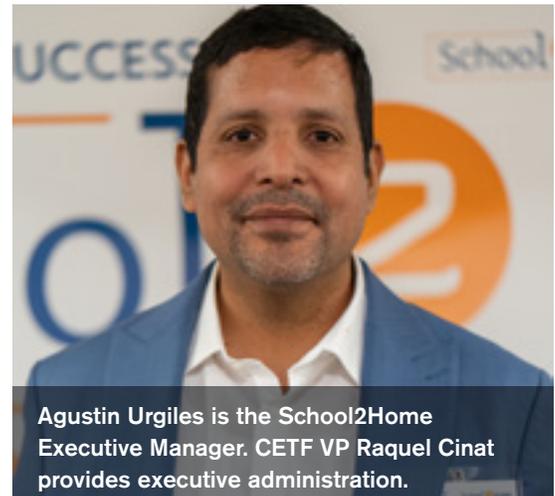
CETF encourages School Districts to incorporate School2Home into Local Control Accountability Plans and urges State policymakers to embrace School2Home as a Best Practice to help students acquire deeper skills to succeed in a digital world. School2Home also helped Partners return to in-person instruction with more traction in using technology, especially in engaging parents.

“The most impactful outcome of our experience with School2Home has been the capacity to continue parent engagement even after the pandemic.”

—Principal, Maywood Center for Enriched Studies (MaCES)
Los Angeles Unified School District

School2Home 10 Core Components

- School Leadership, Assessment, and Planning
- Technology Bundles for Students and Teachers
- Teacher Professional Learning
- Coaching and Mentoring
- Parent Engagement and Education
- Student Tech Expert Development
- Online Resources
- Learning Academies
- Affordable Home Internet Access
- Evaluation



Agustin Urgiles is the School2Home Executive Manager. CETF VP Raquel Cinat provides executive administration.

When the pandemic lay bare the Digital Divide and exposed deep inequities and widespread challenges for distance learning, School2Home Partner Schools made the transition relatively easily because all teachers were prepared, parents had been trained, and students already had been assigned computers to take home. One Principal commented, “We had the advantage as we dealt with the school closure.” A Teacher Leader said, “Without School2Home we would not have been ready for this moment.”

Independent Evaluations of School2Home document tangible progress in improving academic performance and Partners generally experienced less post-pandemic learning loss than comparable Schools.

“Through School2Home, our school has increased parental awareness of and access to affordable Internet options.”

—Principal, University Heights Middle School
Riverside Unified School District

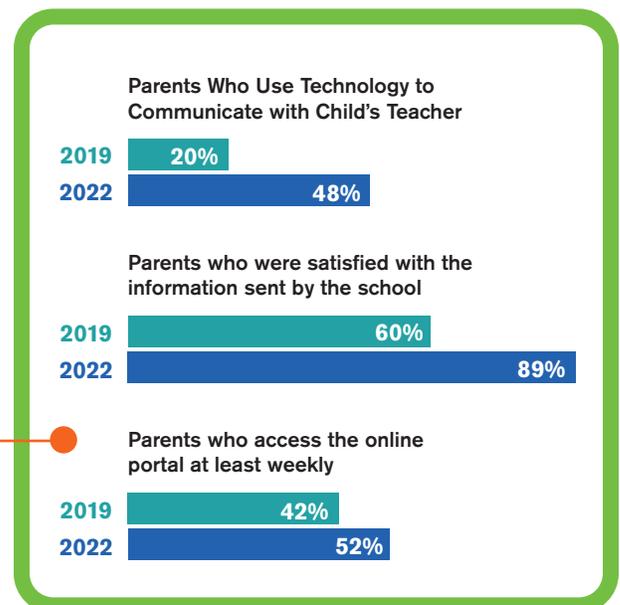
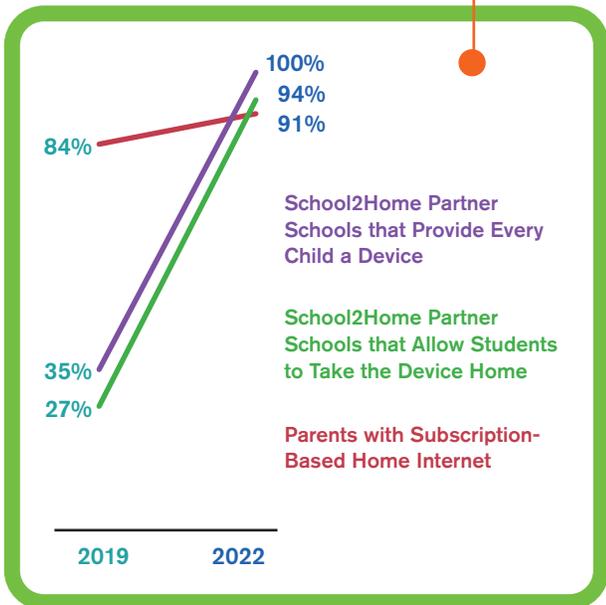
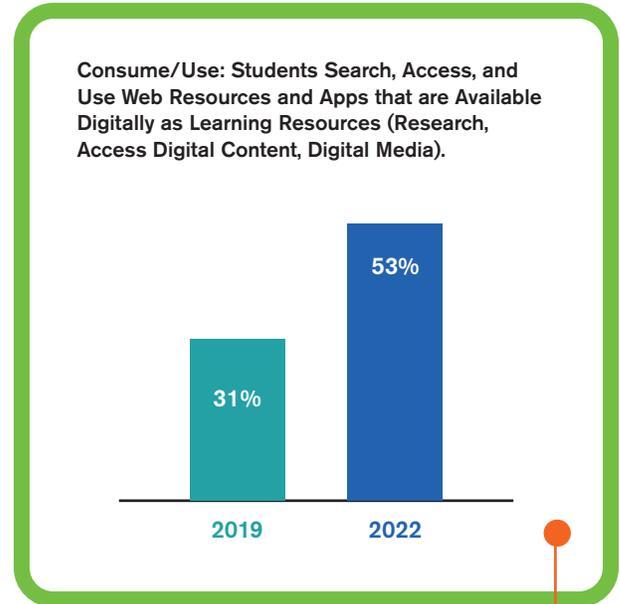
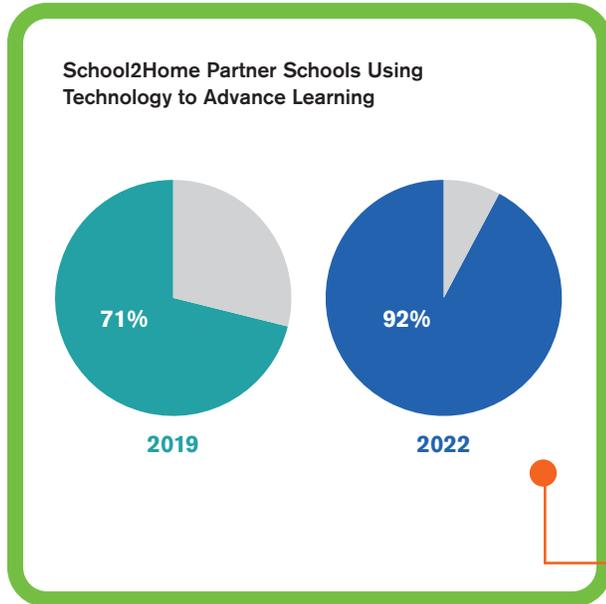
“Working with School2Home has increased our capacity to keep our parents informed on how they can support their children’s learning through the use of technology.”

—Principal, Orchard Academies 2C
Los Angeles Unified School District

School2Home Evaluation Reports Shows Promising Performance

School2Home Partner Schools were prepared for the pandemic and remote learning. They reported broader and more sophisticated use of technology and had students with improved connectivity, as well as improved parent engagement.

The use of technology in School2Home Partner Schools has become more frequent, complex, and relevant over time. The most significant increase was in the category of “Consume/Use.”



In spring 2019, only 35% of School2Home Partner Schools provided a learning device for every child, by spring 2022 that had increased to 100%. By the spring of 2022, 91% of parents in the School2Home Partner Schools reported having affordable, subscription-based access to the Internet in their home.

Over the last 3 years, parent engagement has increased significantly through the strategic use of digital portals, digital communications, and the trainings necessary to empower parents to use these digital tools effectively.

Universal Adoption

CETF Directors Actively Support School2Home and Coach School Leadership Teams at the Annual Leadership Academy

School2Home convenes a Leadership Academy annually for Leadership Teams from Partner Schools and Districts to share experiences, confer on best practices, and report on improvements in student academic performance. The power of peer coaching and collective accountability energize and inspire School Leaders to strive for academic excellence.

“Students used coding to create a moving 3D model of the solar system to learn about gravity orbits and the structure of the solar system.”

—John A. Sutter Middle School
Los Angeles Unified School District



Darrell Stewart, CETF Secretary
Public Sector Manager
Intel, Americas (Ret.)



Renée P. Martinez, CETF Vice Chair
President Emeritus
Los Angeles City College



Frances Marie Gipson, Ph.D.
Clinical Professor of Education and Director, Urban Leadership Program, School of Educational Studies, Claremont Graduate University

“Students collected data on how environmental factors contributed to the evolution of traits using natural selection. This culminated in student projects where they used technology to demonstrate their findings.”

—Russell Westbrook
Why Not? Middle School
Los Angeles County Office of Education

“Clearly School2Home and all the related issues around deploying hardware and access have made a difference in the lives of students, parents, teachers and administrators. I hope CETF is able to continue funding School2Home.”

—CETF Treasurer-CFO Rich Motta
Retired AT&T Executive

“My pleasure comes with visiting families who felt they had no hope because they couldn’t afford the Internet. These past 2 years have given me so much pride to be on a team like School2Home. Serving the community with essentials played a huge part in the success of our students at home. School2Home provided hope and I am grateful for this relationship.”

—Subrina Miller, Community Liaison
Inglewood Unified School District



CETF Treasurer-CFO Rich Motta and LAUSD Program Specialist Francisco Canche actively support the School2Home Leadership Academy.

SCHOOL2HOME PARTNER SCHOOLS 2021–2022

School District	School
Los Angeles Unified School District	Stevenson College and Career Preparatory Partner: Partnership for Los Angeles Schools
	John Muir Middle School Partner: LA Promise Fund
	James Madison Middle School Partner: Madison Computer Science and Engineering Design Magnet
	Edwin Markham Middle School Partner: Partnership for Los Angeles Schools
	San Fernando Institute for Applied Media
	San Fernando Middle School
	Orchard Academies 2C
	Maywood Center for Enriched Studies
	Russell Westbrook Why Not? Middle School
	Monsenor Oscar Romero Charter School
	John A. Sutter Middle School
	Samuel Gompers Middle School
	Thomas Alva Edison Middle School
Dr. Mary McLeod Bethune Middle School	
Riverside Unified School District	Central Middle School
	Chemawa Middle School
	University Heights Middle School
Inglewood Unified School District	George W. Crozier Middle School
	Woodworth-Monroe TK-8 Academy
	Frank D. Parent TK-8
San Bernardino City Unified School District	Arrowview Middle School
	Curtis Middle School
	Del Vallejo Middle School
	Golden Valley Middle School
	Serrano Middle School
Long Beach Unified School District	Stephens Middle School
	Jackie Robinson K–8 Academy
<i>Partnership with Silicon Valley Education Foundation</i>	
Alum Rock Union Elementary School District	Renaissance Academies at Fischer
	Renaissance Academies at Mathson
Franklin-McKinley School District	Bridges Academy
Mt. Pleasant Elementary School District	August Boeger Middle School
	Ida Jew Academy

School2Home Leadership Academy Fosters High Performance through Lessons Learned and Peer Accountability



School2Home Executive Manager Agustin Urgiles conferred with Los Angeles Unified School District (LASUD) Superintendent Alberto Carvalho, CIO Soheil Katal, former Chief Academic Officer Alison Yoshimoto-Towery (now a member of the State Board of Education), and Deputy Superintendent Pedro Salcido on the School2Home Partnership.



International Society for Technology Education (ISTE) CEO Richard Culatta joined CETF and partners in planning for “systems change” through School2Home as the centerpiece of Neighborhood Transformation. CETF and ISTE continue to collaborate on the effective integration of technology into teaching and learning.



Dean Pedro A. Noguera, Ph.D., USC Rossier School of Education, is a frequent member of School2Home Leadership Academy and always inspires the School Leadership Teams to address the complex of challenges for students in low-income communities while striving to achieve academic excellence of which all students are capable.



T-Mobile National Education Manager Daniel Cox attends all School2Home Leadership Academies.



Riverside Unified School District (RUSD) Superintendent Renee Hill, former School2Home Senior Program Advisor, was named 2022 Woman of the Year by Assemblymember Jose Medina. She was congratulated by School2Home Team Members Agustin Urgiles, Rosa Guerrero, Dylan Porter, and Steve Morris.

Universal Adoption



Agustin Urgiles presented commendations to Long Beach Unified School District School2Home Leadership Team Members, including Jackie Robinson K-8 Academy former Principal Salvador Madrigal, now LBUSD Administrative Assistant for Middle and K-8 Schools.



Principal Gabriel Durán, Maywood Center for Enriched Studies (MaCES), joined School2Home when he opened MaCES, and continues as a senior coach for other Principals.



Southeast Community Development Corporation Executive Director Emma Hernandez, a long-time leader among CETF Grantees, participated in the 2022 School2Home Leadership Academy along with other CETF Grantee Partners to collaborate on enhancing parent engagement and increasing ACP enrollments.



School2Home Independent Evaluator Cheryl Lemke, Metiri Group LLC, regularly shares results of annual interviews, surveys, and test scores to help School Leadership Teams use data to drive academic performance.



The American GI Forum Education Foundation (Santa Maria) is one of the highest-performing CETF Grantees in achieving Adoptions and enrolling low-income households in ACP.



Assistant Principal Elizabeth Lester, James Madison Middle School, has held every position on a School Leadership Team at several LAUSD Schools and serves as a mentor to other Teams.

Universal Adoption



Ang Rush is a long-time School2Home Leader at Crozier Middle School and is on special assignment to expand the program within Inglewood Unified School District (IUSD).



Participating IUSD School Leaders included: Jose Cruz, Gabriella Romero, Nancy Gonzalez, Kenmoria Woodson from Woodworth-Monroe TK-8 Academy; Hakima Karim, Jimmie Williams, Davina Mills from Frank D. Parent TK-8.

Participating LAUSD School Leaders included: Gabriel Duran, Christina Vera, Heber Marquez (also Mayor of Maywood) from Maywood Center for Enriched Studies; Brian Iraheta from Madison Middle School; Jan Las-Marias, Luis Valdez from Thomas Alva Edison Middle School.





School2Home Leadership Academy provides time for School Leadership Teams to develop strategic plans with the benefit of shared lessons learned and peer coaching. SVEF Valeria Cazares, Denise Williams, and Vy Nguyen planned for the 2023 School2Home Leadership Academy in Silicon Valley.



Steve Zimmer, California Department of Education Deputy Superintendent of Public Instruction, Student Support Services Branch, addressed the School2Home Leadership Academy about the importance of the “whole child” approach being advanced through the community schools strategies.



LAUSD Instructional Technology Initiative (ITI) Instructional Technology Integration Coordinator Allison Jonas highlighted resources for School Leadership Teams. She frequently provides content for quarterly Regional Learning Academies.



Silicon Valley Education Foundation Leads on Digital Equity



Congressmember Anna Eshoo keynoted a SVEF forum that was organized by Rosemary Kamei, now a San José Councilmember. The conversation was moderated by CETF President and CEO Sunne Wright McPeak and included: Jordon Sun, Mayor’s Chief Innovation Officer; Devon Conley, Mountain View Whisman School District Board Member; and Poncho Guevara, Executive Director of Sacred Heart Community Service (SHCS), a long-time San José Digital Inclusion Grantee. SVEF also is a Round 3 Digital Inclusion Grantee.



Change Agent Productions, Inc., a youth media enterprise sponsored by the YMCA of Greater Long Beach, led by Braulio Roman, provides video and photography support to School2Home and CETF. The YMCA has been a CETF Grantee Partner since 2007.



CETF-T-Mobile Partnership to Expand School2Home in California

CETF and T-Mobile USA, Inc. negotiated a Memorandum of Understanding (MOU) as a public benefit contribution from the acquisition of Sprint Corporation approved by the CPUC in 2020. T-Mobile committed to contribute \$12.5 million over 5 years to serve 25,000 students in School2Home and to distribute 52,000 hotspots (with 5 years of free service) for low-income students. CETF and the Silicon Valley Education Foundation (SVEF) are partnering to implement School2Home for 5,000 students in San José and Silicon Valley.



SVEF CEO Lisa Andrew, Ph.D., kicked off the CETF-T-Mobile Partnership at a major announcement event in October 2022. CETF will provide \$2.5 million to SVEF to implement School2Home for 5,000 students.



T-Mobile National Education Manager Daniel Cox and SVEF Teacher Professional Learning Chief Denise Williams and Program Director Vy Nguyen are planning School2Home Leadership Academies in Silicon Valley.



T-Mobile Senior National Education Administrator Dr. Kiesha Taylor King and CETF Senior Vice President Susan Walters conferred at the 2022 ASU+GSV Summit. (Susan Walters now is Regional Director, West, Office of Internet and Connectivity Growth, National Telecommunications and Information Administration [NTIA], U.S. Department of Commerce.)

“California is fortunate to have a statewide organization working on broadband adoption. I wish all states had their own version of the California Emerging Technology Fund.”

—Angela Siefer
National Digital Inclusion Alliance Executive Director



Susan Walters, Marissa Canche, and Debbie Shireman represented CETF at the National Digital Inclusion Alliance (NDIA) Net Inclusion Conference in 2022. They joined EveryoneOn CEO Norman Fernandez and VP Diana Rodriguez in developing strategies to achieve Digital Equity in California. EveryoneOn celebrated its 10th Anniversary in 2022.

Universal Adoption

Neighborhood Transformation Tackles Wall of Poverty

Closing the Digital Divide must address the inter-related factors and forces of concentrated and persistent poverty rooted in systemic racism with a strategy called Neighborhood Transformation. School2Home is the centerpiece of Neighborhood Transformation which aligns existing County and City services around School attendance areas through Integrated Services Teams coordinated by Family Navigators to overcome the “wall of poverty” so that students can focus on learning. Neighborhood Transformation embraces the thrust of Community Schools and builds upon it by incorporating Digital Inclusion with accountability for improved outcomes for children and their families. CETF is supporting 2 signed Neighborhood Transformation Partnership Agreements:

- Los Angeles County, Long Beach Unified School District, City of Long Beach, YMCA of Greater Long Beach, and CETF. Assembly Committee Education Chair Patrick O’Donnell also endorsed the initiative.
- Contra Costa County, West Contra Costa Unified School District, City of Richmond, and CETF.

CETF funded the YMCA of Greater Long Beach to implement a Family Navigator Pilot Project which showed the benefits of Integrated Services Teams, providing the evidence for the City of Long Beach to fund and an expansion of the initiative. The Contra Costa County Board of Supervisors took bold action by allocating funds to support 5 Family Navigators to advance Neighborhood Transformation Projects in each District because it will improve impacts and help manage caseloads for front-line workers.

CETF encourages all Counties to pursue Neighborhood Transformation tailored to their high-poverty communities and urges the State to incorporate it into funding for Community Schools.



Supervisor Karen Mitchoff and CETF President and CEO Sunne McPeak and Chief Management Officer Anne O conferred about integrating Digital Inclusion into Neighborhood Transformation at a Kennedy-King Memorial College Scholarship Fund Awards Event to benefit students graduating from the Contra Costa Community College District.



Supervisor Diane Burgis and Sunne McPeak joined Supervisor Karen Mitchoff and City Officials in July 2022 in dedicating the new Pleasant Hill Library which features computers that can be checked out by residents.



Contra Costa County Supervisors Candace Andersen, Diane Burgis, John Gioia, Federal Glover, and Karen Mitchoff are leading in California to advance Neighborhood Transformation by allocating funds from Measure X to support Family Navigators to improve better outcomes for children and their families. CETF is helping County Integrated Services Teams incorporate Digital Inclusion.

DEDICATION IN HONOR OF RITA WALTERS SPOTLIGHTS LIBRARIES AS COMMUNITY HUBS FOR DIGITAL EQUITY

The City of Los Angeles recognized the late Honorable Rita Walters, first African-American woman elected to the City Council, for her trailblazing leadership by dedicating the Vermont Square Library in her honor. The ceremony spotlighted libraries as community hubs to advance Digital Equity. Rita Walters was the mother of former CETF Senior VP Susan Walters, who now is U.S. Department of Commerce National Telecommunications and Information Administration (NTIA) Regional Director, West, Office of Internet and Connectivity Growth.



Libraries are ideal public locations for ACP Enrollment Events.



Susan Walters was joined in the ceremony honoring her mother, The Honorable Rita Walters, by CETF President and CEO Sunne Wright McPeak, CETF Adoptions Manager Marissa Canche, SAESHE Executive VP Young and Brand Manager Lawrence Kwon, community leaders, and several dignitaries, including: Los Angeles City Librarian John Szabo; Los Angeles City Councilmember Curren Price, Jr.; Los Angeles County Supervisor Holly Mitchell; and former Los Angeles County Supervisor Zev Yaroslavsky.

**Ubiquitous
Deployment**



**Universal
Adoption**



**Achieving
Digital Equity**

**Deep
Institutionalization**





Deep Institutionalization

The California Emerging Technology Fund (CETF) promotes the incorporation of Digital Inclusion practices into all public agencies and major organizations serving low-income households and other disadvantaged populations. This is called Institutionalization so that Digital Equity is “rooted” into organizational culture. It requires public policy, especially leadership by the Governor and Legislature, to set goals, authorize action, and sustain momentum to engage stakeholders and leverage private resources.

Governor Newsom announced “Broadband For All” in 2019 at the California Economic Summit co-convened by California Forward and the California Stewardship Council in response to a “Call to Action” funded by CETF. He issued an Executive Order in August 2020 which required an Action Plan by December 2020, both of which assign responsibilities to CETF to work with State Agencies and stakeholders to achieve Digital Equity. The California Broadband Council (CBC) oversees implementation, ensuring continuing focus and accountability. CETF regularly reports progress at CBC public meetings. This State commitment is bedrock for Institutionalization.

Regional Broadband Consortia (RBCs), originally established by CETF through grants and now funded by the CPUC from CASE, are another unique facet of Institutionalization in California and a valuable resource to assist the State. CETF provided augmentation grants to RBCs to engage Counties, Cities, and other stakeholders in their regions. CETF and Valley Vision, fiscal agent for the Connected Capital Area Broadband Consortium, updated the *Resource Guide for Local and Regional Government Leaders* and conducted workshops to encourage enactment of policies, ordinances and General Plan Elements to accelerate Deployment and Adoption. CETF developed a Strategic Action Plan Outline as a template for Local Governments to save them time and money in making tangible impacts. And, CETF and RBCs prepared a Best Practices Check List for Local Governments to guide implementation and benchmark progress in achieving Digital Equity.

Under the umbrella of Southern California Transformation, MPOs SCAG and SANDAG stepped up in 2020 in response to the pandemic to take aggressive action to close the Digital Divide. SANDAG and SCAG, representing 216 Local Governments and 60% of the state population, adopted Digital Equity Plans and issued a Request for Qualifications for Prospective Partnerships (RFQPP) to invite Internet Service Providers (ISPs) to deploy broadband to the hardest-to-reach areas through public-private partnerships. The RFQPP process also was launched by #SanJoaquinValleyNetwork, a joint venture of CETF and San Joaquin Valley Regional Broadband Consortium. In addition, CETF partnered with SCAG and 4 RBCs to conduct a Caltrans study showing that Ubiquitous Deployment and Universal Adoption can reduce vehicle trips and associated greenhouse gas emissions to help fight climate change.

Institutionalization must be informed by data to drive accountability. CETF is partnering with the University of Southern California (USC) to conduct the Statewide Survey on Broadband Adoption and is collaborating with Pew Charitable Trusts to study models for ensuring affordable Internet service for low-income households.

**California must advance aggressively
Deep Institutionalization to achieve Digital Equity.**



Achieve Deep Institutionalization

Strategies	Accomplishments
<p>Advance State policy and leadership to achieve Digital Equity.</p>	<p>Joined with California Forward to convene State Agencies and stakeholders to reach consensus on Broadband Action Policy and spotlight the Governor at the California Economic Summit to announce Broadband for All (BFA) Initiative.</p> <p>Advocated for the Governor’s BFA Executive Order and assisted in engaging stakeholders and preparing the Action Plan.</p> <p>Worked as a California Broadband Council member to implement the BFA Action Plan and set goal to achieve 90% ACP enrollment by 2024.</p>
<p>Promote legislation for Digital Inclusion programs and funding.</p>	<p>Authored the Digital Equity Bill of Rights and gathered more than 4,500 signatures urging enactment by the Legislature.</p> <p>Sponsored the Affordable Internet and Net Equality Act to require ISPs contracting with the State to offer affordable Internet service and promote ACP.</p> <p>Mobilized affordable housing leaders to secure funding to get online all residents in publicly-subsidized housing complexes.</p>
<p>Pursue performance-based regulations to accelerate broadband Deployment and Adoption</p>	<p>Founded the Digital Equity Coalition to secure additional funding for broadband and worked to collaborate with CPUC Commissioners to optimize impact of CASF.</p> <p>Filed detailed recommendations with CPUC in numerous legal proceedings on effective and efficient implementation of CASF.</p> <p>Urged CARB to recognize broadband as a “green strategy” to help fight climate change and to promote Digital Equity in AB617 Communities.</p>
<p>Support Regional Broadband Consortia (RBCs), Metropolitan Planning Organizations (MPOs), and Local Governments to achieve Digital Equity.</p>	<p>Supported SANDAG and SCAG to prioritize Digital Equity, streamline permitting, and collaborate as “Southern California Transformation” representing 216 Local Governments and 60% of the state population.</p> <p>Funded 8 RBCs to engage Local Governments to incorporate policies and practices to accelerate broadband Deployment and Adoption.</p> <p>Secured Caltrans grant to SCAG and managed process with 4 RBCs to study the potential for broadband to reduce vehicle trip generation and decrease associated greenhouse gas emissions.</p>
<p>Engage civic leaders, build community capacity, and foster public-private partnerships.</p>	<p>Convened civic leaders in Los Angeles Region with UCLA and released a systems change framework to transform schools and neighborhoods with integrated services and Digital Inclusion.</p> <p>Established with Pew Charitable Trusts and USC a research project to analyze cost-effective models for affordable Internet service, including ACP.</p> <p>Partnered with Lucas Public Affairs to engage college leaders statewide and sponsored the Digital Equity Fellows program to grow future Digital Equity Champions.</p>

California Forward Leads on Inclusive Governance with California Economic Summit

California Forward embodies the notion of civic leadership for inclusive governance as a strategic partner to all levels of government in tackling the most pressing challenges. A decade ago California Forward and the California Stewardship Network founded the California Economic Summit to convene stakeholders annually to review progress and chart a course for the coming year. Broadband emerged in 2018 as essential infrastructure and an imperative for all initiatives.

California Forward and CETF convened State Agencies and stakeholders in 2019 to develop a Statewide Broadband Action Policy which resulted in the Governor’s announcement of the Broadband For All initiative at the 2019 California Economic Summit. The broadband Work Group is led by: Trish Kelly, Managing Director of Valley Vision, fiscal agent for the Connected Capital Area Broadband Consortium; Eduardo Gonzalez, Executive Director of the CSU Fresno Office of Community and Economic Development, fiscal agent for the San Joaquin Valley Regional Broadband Consortium; and Jason Schwenkler, Executive Director of the CSU Chico North State Development and Planning Collective, fiscal agent for the Northeastern and Upstate California Connect Consortia. A major opportunity for Institutionalization is the incorporation of Digital Inclusion into plans and implementation strategies for the California Economic Revitalization Fund (CERF) funded by the State.

“What really sets CETF apart is its unique ability to combine a big picture vision of high-speed affordable broadband for all with a deep knowledge of all of the very technical details necessary to achieve that vision.”

—Micah Weinberg
California Forward CEO





Phil Neufeld, Ed.D., Executive Officer, IT, Fresno Unified School District and leader for the Fresno Coalition for Digital Inclusion, reported on the progress being made in the City of Fresno through collaboration and partnerships.



Scott Adams, California Department of Technology Deputy Director, Office of Broadband and Digital Literacy, and primary staff to the California Broadband Council, addressed the 2022 California Economic Summit and provided an overview of the widespread engagement being charted to obtain input for the Digital Equity Plan and Broadband Equity Access Deployment (BEAD) Plan that will be submitted to NTIA to obtain IIJA funding.



“It is an imperative that we close the Digital Divide in California as a triple bottom-line strategy—to improve our Economy, Environment, and Equity. As Co-Chair of California Forward, I see the ongoing value and return on investment in collaborating with CETF and other stakeholders throughout California to advance policies and strategies to achieve Digital Equity.”

—California Forward Co-Chair John Chiang
Former State Treasurer and Former State Controller



Eduardo Gonzalez, Interim Executive Director of the CSU Fresno Office of Community and Economic Development, interviewed Oakland Mayor Libby Schaaf at the California Economic Summit. Mayor Schaff launched and led #OaklandUndivided in partnership with Oakland Unified School District, Oakland Public Education Fund, and Tech Exchange to increase the number of students with high-speed Internet access from an estimated 12% to about 98%.



Southern California Transformation is Collaboration on a Grand Scale

The Southern California Association of Governments (SCAG) and San Diego Association of Governments (SANDAG) joined forces as Southern California Transformation, the inspiration of founder-convenor Steve PonTell, to engage 216 Local Governments representing 60% of the state population to speak with a united voice and mobilize to achieve Digital Equity. SANDAG and SCAG adopted Digital Equity Plans, issued RFQPPs to invite interested ISPs to help deploy broadband to the hardest-to-reach areas, launched streamline permitting, and mobilized to increase ACP enrollment. Southern California Transformation is collaboration on a grand scale that compels engagement and energizes action.



“CETF has been critical to the vision and success of the effort of the Southern California Transformation team to end the Digital Divide. CETF facilitated relationships with the State and many ISPs that allowed Southern California Transformation to move the region forward.”

—Steve PonTell
Founder-Convenor, Southern California Transformation

“SANDAG has a responsibility to listen to the communities we serve, learn from experience, and lead our region toward an inclusive and equitable future. For that reason, we have embarked on a coordinated effort to bridge the Digital Divide.”

—Hasan Ikhata
SANDAG Executive Director



“CETF is a valued and trusted partner in closing the Digital Divide, promoting Digital Inclusion, and achieving Digital Equity. SCAG counts on CETF to be consistently available and willing to work closely on these shared objectives with our team.”

—Kome Ajise
SCAG Executive Director



“Cities throughout the state have taken bold steps to close the Digital Divide. More advocacy, funding, and education are needed. Local Governments can help by educating their constituents and businesses about the need for action, and participating in coalitions dedicated to identifying broadband needs and implementing solutions.”

—Palm Desert Mayor Jan Harnik
President, Southern California Association of Governments

“Ending the Digital Divide is a monumental task. It will take consistent funding from State and federal agencies, better data, and collaboration across private and public sectors to close the Digital Divide.”

—Rick Bishop
VP of Strategic Initiatives, National CORE
Southern California Transformation Convener



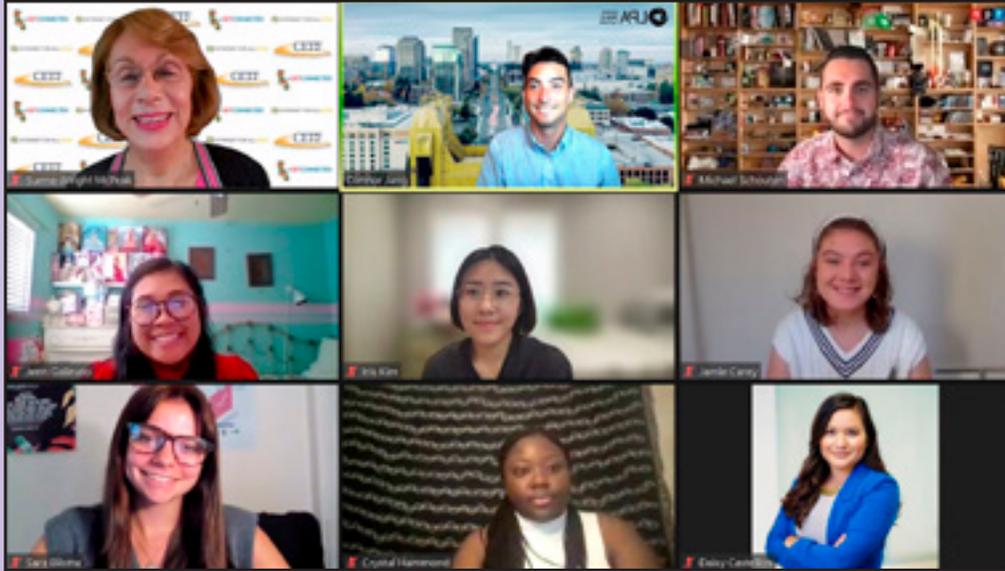
SPOTLIGHT ON SUCCESS

SCAG and Regional Broadband Consortia Show Broadband Is a Green Strategy

Caltrans awarded a Sustainable Communities Grant to SCAG in collaboration with CETF and 4 Regional Broadband Consortia to study the potential of broadband Ubiquitous Deployment and Universal Adoption to reduce vehicle trip generation, and associated vehicle miles traveled (VMT), to decrease greenhouse gas (GHG) emissions to help fight climate change. This is important because the California Air Resources Board (CARB) has assigned

to SCAG a target of reducing GHG by 19%. The overall conclusion was that broadband is a viable “green strategy” to reduce VMT with GHG by 1–15%, depending on policies and programs implemented by public and private leaders. CARB and Transportation Agencies should accelerate broadband Deployment and Adoption to advance Environmental Quality as well as Digital Equity.



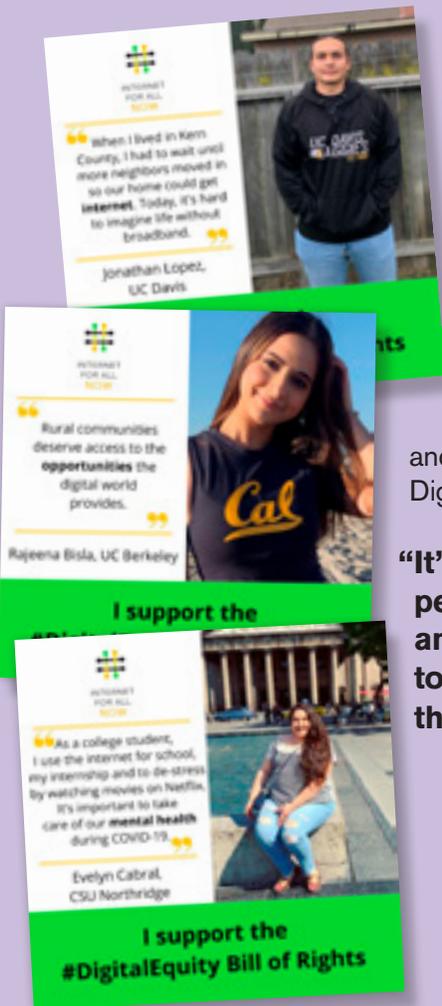


Young Leaders Step Up to Lead on Achieving Digital Equity

College student leaders throughout California are stepping up as Digital Equity Champions. CETF and Lucas Public Affairs teamed up to engage leaders of the University of California Student Association (UCSA), California State Student Association (CSSA), and Student Senate for California Community Colleges (SSCCC) and establish the Digital Equity Fellows program. The Digital Equity Fellows researched policy, met with Legislators to gather information, and mobilized students to help advance bills, with a focus on the Digital Equity Bill of Rights as a vital foundation for the future.

“It’s great to share a space with such knowledgeable people, especially CETF who is a strong advocate in and outside the Legislature. I’m privileged to be able to work with those who align on the mission of equity that’s front and center.”

—Assemblymember Eduardo Garcia
Author, Internet For All Now Act of 2017



Assemblymember Timothy Grayson



Assemblymember Eduardo Garcia



“I am energized to join forces with CETF and college student leaders to make the Digital Equity Bill of Rights the official law of California.”

—Assembly Majority Leader Eloise Gómez Reyes
Author, Digital Equity Bill of Rights

Digital Equity Fellow Jenn Galinato, Student Trustee for Los Rios Colleges, joined Senator (Ret.) Richard Polanco in representing CETF to testify for the Digital Equity Bill of Rights.



Assembly Majority Leader Eloise Gómez Reyes, author of the Digital Equity Bill of Rights, and Senior Legislative Assistant Brandon Garcia welcomed Senator (Ret.) Richard Polanco, Digital Equity Fellow Jenn Galinato, and Lucas Public Affairs Account Coordinator Sara Bilotta to the Capitol to support the Digital Equity Bill of Rights.



Assemblymember Mike Gipson was the champion in the Legislature to get connected all residents in publicly-subsidized housing complexes. His leadership raised awareness that resulted in the CPUC allocating more funds into the CASF Public Housing Account.

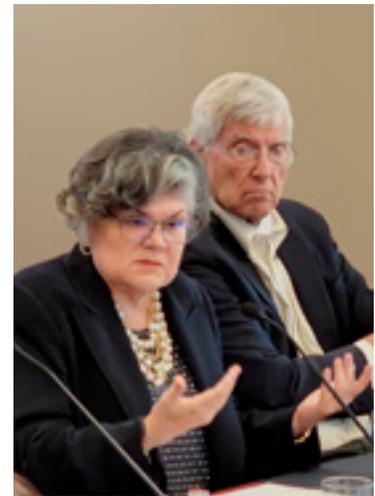


Michael Wiafe and Lawson Hardrick, California Forward Young Leaders Advisory Council and PolicyWise Podcast, led a CETF Roundtable to mobilize college student leaders to support CETF legislative positions. Wiafe received the 2022 California Steward Leadership Award.



CETF Board of Directors Convened Roundtables at USC to Advance Digital Equity

The CETF Board of Directors, chaired by Barbara O'Connor, Ph.D., California State University, Sacramento Professor Emeritus of Communications and Director of the Institute for the Study of Politics and Media, collaborated with CETF Founding Director and Former State Senator Martha Escutia, University of Southern California (USC) Vice President Government Relations and Special Counsel, and USC Dean Emeritus of the Annenberg School for Communication and Journalism Geoffrey Cowan, JD, also Director of the Annenberg Center on Communication Leadership and Policy (Gould School of Law), to convene Roundtables in June 2022 on Education, Telehealth, and Digital Equity. The Roundtables informed the new CETF 3-Year Action Plan and produced a “Summary of Opportunities for Collaboration and Action” for the Los Angeles Region.



Civic Leaders Are Vital to Achieving Digital Equity



Participants in the Los Angeles Regional Roundtable included: Bill Allen, former President and CEO, Los Angeles Economic Development Corporation and Los Angeles Digital Equity Action League (LA DEAL); Selwyn Hollins, Director, County of Los Angeles Internal Services Department; Jarrett Tomás Barrios, Senior Vice President, California Community Foundation; Steve PonTell, CEO and President, National CORE; Kevin Harbour, President,

BizFed Institute; Randall Hill, Executive Director, Institute for Creative Technologies, USC; Conyers Davis, Global Director, Schwarzenegger Institute, USC; Roland Ok, Program Manager II, SCAG; Amy Cortina, Senior Vice President, UNITE-LA; Sonia Baccus Hooks, Interim Assistant Director, Technology Services, LACOE; Rick Bishop, Vice President, National CORE; Tracy Hernandez, Founding CEO, BizFed; Cesar Zaldivar Motts, Executive Director, NewStart Housing Corporation; Revlyn Williams, Ph.D., Founder and Executive Director, Manchester Community Technologies; Emma Hernandez, Chief Executive Officer, Southeast Community Development Corporation; Marianne Haver Hill, Chair, Board of Directors, Community Foundation of The Valleys; Senator Richard Polanco (Ret.).



Participants in the School2Home Roundtable included: Gabriel Durán, Principal, Maywood Center for Enriched Studies, LAUSD; Salvador Velasco, Principal, Thomas Alva Edison Middle School, LAUSD; Sylvia Branch, Principal, Crozier Middle School, IUSD; Bernadette Lucas, Ph.D., Chief Academic Officer, IUSD; Richard Alvarez, Senior Director of Special Projects, LAUSD; Elizabeth Lester, Assistant Principal, James Madison Middle School, LAUSD.



California Emerging Technology Fund Board of Directors

THE MISSION
OF THE
**California Emerging
Technology Fund**
IS TO
CLOSE THE
Digital Divide,
PROMOTE
Digital Inclusion,
AND
ACHIEVE
Digital Equity
BY
ACCELERATING
BROADBAND
DEPLOYMENT AND
ADOPTION.



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Mike Lawrence

Leadership Executive
Jamf

Cynthia Mackey

Founder and CEO
Winning Strategies LLC

Bryan Martin

Chairman and Chief
Technology Officer
8x8, Inc.



SPOTLIGHT

Expert Advisor
Prasad Rampalli represented
CETF to develop a private
LTE 5G/CSBR network
for the Leataata Floyd
Elementary School
neighborhood (Marina Vista
and Alder Grove Housing
Communities).

Civil Rights Pioneer Dolores Huerta Calls for Digital Equity

United Farmworkers of America co-founder Dolores Huerta inspires generations in the struggle for Community Justice and highlights Digital Equity as a 21st Century Civil Right. Huerta has joined Radio Bilingüe and CETF in helping get farmworkers connected to the Internet.



Radio Bilingüe, led by Hugo Morales, is a long-time partner with CETF in seeking Digital Equity. Dolores Huerta joined former CETF Director of Emerging Markets Luis Arteaga, now CEO of the Y & H Soda Foundation, Chicana Latina Foundation former CEO Olga Talamente, and former CETF Senior Vice President Susan Walters, now NTIA Regional Director, at the Mariachi Festival to help residents get connected to affordable home Internet service.

Carla Mays, MPA

CEO and Founder
Mays Civic Innovation

Sandra McCubbin

Senior Lobbyist
Lang, Hansen, O'Malley & Miller

Walter McGuire

Chairman
California Council for Environmental and Economic Balance (CCEEB)

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Luisa Medina

Development Director
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College of the Siskiyous

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Modesto City Schools

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Executive Director
Jakara Movement

Kris Stadelman

Director
NOVA Workforce Board

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Partner/CEO
Iron Horse Vineyards

Bea Stotzer

Chief Executive Officer
NEWCapital, LLC

Cynthia Walker

Retired
California Public Utilities Commission

Glen Warren

Director of Literacies, Outreach, and Libraries
Encinitas Union School District

Suzanne Wierbinski

Retired Capitol Staff
Consultant
California State Legislature

David Witkowski

CEO
Oku Solutions

Julie Meier Wright

Senior Fellow
California Council on Science & Technology

*Catherine Sandoval served through 2022 until appointed to U.S. Chemical Safety and Hazard Investigation Board.

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Anne Minh O Chief Management Officer
Alana O'Brien Vice President Operations
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Marissa Canche Adoptions Program Manager
Debbie Shireman Digital Inclusion Director
Charlene Tatis San José Digital Inclusion Partnership Director
Leticia Alejandre Telehealth and Human Services Director
Patti Bibby Adoptions Call Center Manager
Rebecca Faith Barrett Communications Director
Nadine Hugg Communications Associate
Larry Best Neighborhood Transformation Director
Kerstyn Olson Research Director and Policy Advisor
Kyle O'Ryan Administrative Assistant



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Raquel Cinat Vice President
Rosa Guerrero Senior Program Manager
B. Dylan Porter Senior Program Manager
Gretell Castro Parent Engagement and Education Manager
Matthew Llamas Instructional Technology Coach Manager
Pamela Stiles Teacher Professional Learning Manager
Lissette Saenz Parent Engagement and Education Manager
Silvia Torres Parent Engagement and Education Manager
(Families in Schools)
Elaine Carpenter Research and Development Advisor
Cheryl Lemke Independent Evaluator (Meteri Group LLC)

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Kathy McKim The Hawksbill Group
Charles Gardiner The Catalyst Group, Inc.



Senator Richard Polanco and Raquel Cinat

Acknowledgments

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5-Year Strategic Plan Summary of Financial Status

Fiscal Years 2017 – 2022

Fiscal Prudence: Program 94% – Support 6%

The California Emerging Technology Fund is fiscally prudent and operationally efficient with independent audits showing Program Expenditures at 94% and Support Expenditures at 6% of Total Cumulative Expenditures since July 2017.

SOURCES OF FUNDS

\$ 2.3M	Legacy Earnings on Seed Capital
\$ 32.5M	Charter Communications MOU
\$ 35.0M	T-Mobile USA MOU
\$ 1.3M	Grants and Other Revenue
<hr/>	
\$ 71.1M	TOTAL

EXPENDITURES

\$ 6.3M	Grants to CBOs
\$ 8.6M	School2Home
\$ 21.6M	Program Implementation
\$ 2.3M	Support Administration
<hr/>	
\$ 38.8M	TOTAL

(Figures Rounded to Nearest \$100,000)

CETF MANAGED FUNDS FOR PARTNERS

Frontier Communications MOU

\$3M for CBO Grants to achieve 25,000 Adoptions and distribute 25,000 Chromebooks (to 41 School Districts and 43 Tribal Organizations) and train 6,962 parents + \$50,000 for Grantee Learning Communities. (CETF receives no management funds from Frontier.)

City of San José Digital Inclusion Partnership

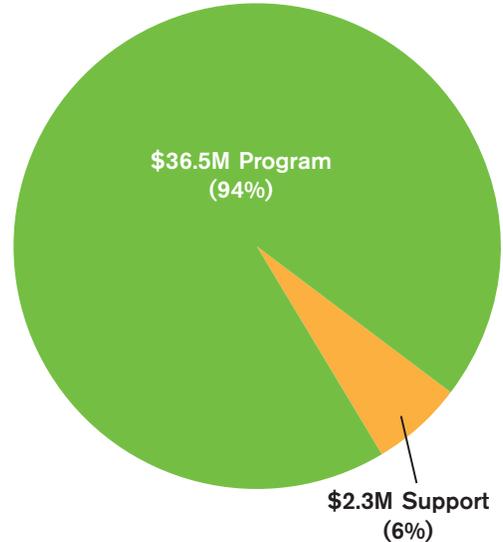
\$1,924,650 to achieve 6,362 Adoptions + \$1,991,015 donations (November 2022), including \$1,390,723 of donations in 11 Grants with SCCOE to purchase computing devices for 4,645 students in 60 Schools. (CETF has received \$825,000 to manage SJDIP through June 2023.)

T-Mobile USA, Inc.

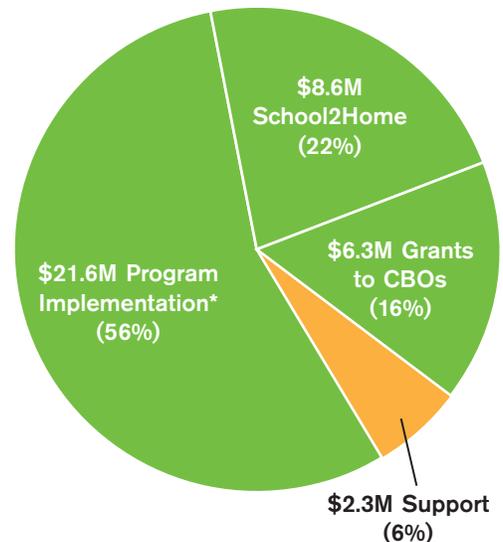
\$22M for Digital Inclusion Programs: \$12.5M School2Home; \$4.9M Digital Literacy; \$5M Regional Organizations to assist Local Governments + \$13M for Core Mission.

Audited Financial Statements are posted on the CETF website. Independent Auditors: RINA Accountancy Corporation—Aprio LLP CETF Audit Committee: Tim McCallion, Chair; Jeff Campbell; Martha Escutia; Carlos Ramos; Milton Chen.

Total Expenditures: \$38.8M



Distribution of Expenditures



*Program Implementation:

- Promotion of Affordable Offers (EBB/ACP)
- Public Policy for Deployment and Adoption
- Institutionalization of Digital Inclusion
- Telehealth Initiative
- Research and Public Information

(Some S2H and Program Implementation Expenditures were to Grantees on Page 62.)

CETF GRANTEE PARTNERS – 5-YEAR STRATEGIC PLAN

Grantee Partner	Amount of Grant
Adoption Legacy Fund	\$1,053,000
California State University, Fresno SJV Consortium	\$20,000
Catholic Charities of Santa Clara County	\$10,000
Chicana Latina Foundation	\$10,000
El Concilio of San Mateo County	\$90,000
Goodwill of Silicon Valley	\$10,000
OCCUR	\$5,000
Pivotal	\$10,000
San José Digital Inclusion Partnership	\$10,000
Sacred Heart Community Service	\$10,000
Silicon Valley Education Foundation (+\$50,000 from S2H)	\$50,000
Tech Exchange (+\$80,000 from S2H)	\$525,000
Valley Vision	\$25,000
Vietnamese Voluntary Foundation, Inc.	\$3,000
WiConduit	\$25,000
#Oakland Undivided	\$250,000
Access Broadband Connect (ABC) Grants	\$2,130,910
AGIF Education Foundation (Santa Maria)	\$252,000
Asian Youth Center	\$48,000
California Family Resource Center	\$25,000
California Foundation for Independent Living Centers	\$60,000
California State University, Fresno Foundation	\$282,000
Delhi Center	\$20,000
EveryoneOn	\$75,000
human-I-T	\$258,000
Independent Living Center of Kern County	\$5,000
Los Angeles County Office of Education	\$100,000
Mothers Helping Others	\$9,000
National Council of Negro Women Inland Empire	\$12,000
Priscilla's Helping Hands	\$6,750
Sigma Beta Xi	\$120,000
Southeast Community Development Corporation	\$170,000
Southland Integrated Systems	\$30,000
Thai Community Development Center	\$21,000
United Way of Greater Los Angeles	\$100,000
United Ways of California	\$2,160
World Institute on Disability	\$535,000

Grantee Partner	Amount of Grant
Neighborhood Transformation	\$212,000
CFFEE Smart Housing Forum	\$5,000
City of Long Beach Digital Inclusion Initiative	\$10,000
Families in Schools	\$25,000
Southeast Community Development Corporation	\$35,000
UCLA Center for the Transformation of Schools	\$10,000
YMCA of Greater Long Beach	\$122,000
Youth Policy Institute	\$5,000
Institutionalization of Digital Inclusion	\$1,671,250
BizFed Institute	\$95,000
California Association of Councils of Governments	\$25,000
California Forward	\$75,000
California Foundation for Independent Living Centers	\$50,000
California Reinvestment Coalition	\$100,000
California State PTA	\$90,000
California State University, Fresno SJVRBC	\$35,000
Catholic Charities of Santa Clara County	\$25,000
East Los Angeles College Foundation	\$10,000
Families in Schools	\$25,000
Foundation for the Los Angeles Community Colleges	\$70,000
Inland Empire Economic Partnership	\$10,000
Inland Empire Regional Consortium (SmartRiverside)	\$50,000
Insure the Uninsured Project	\$40,000
LitLab	\$16,750
Los Angeles City College Foundation	\$10,000
Los Angeles Community Foundation (Mayor's Fund)	\$50,000
National Community Renaissance	\$25,000
National Digital Inclusion Alliance	\$25,000
Newstart Housing Corporation	\$25,000
Partners in Care Foundation	\$25,000
SCAG Caltrans Sustainable Communities Project	\$30,000
School, Health and Libraries Broadband Coalition	\$50,000
Southern Border Regional Consortia (IVEDC)	\$50,000
The Maddy Institute	\$50,000
USC Sponsored Programs (Surveys, Telehealth)	\$257,000
United Way of Greater Los Angeles	\$200,000
United Ways of California	\$50,000
Valley Vision	\$82,500
WiConduit	\$25,000

Grantee Partner	Amount of Grant
Regional Digital Equity Grants	\$1,770,000
Broadband Consortium of the Pacific Coast	\$150,000
Connected Capital Area Broadband Consortium	\$150,000
Gold Country Broadband Consortium	\$100,000
Inland Empire Broadband Consortium	\$150,000
LA/Orange Counties Broadband Collaborative	\$125,000
MADIA Tech Launch	\$10,000
Manchester Community Technologies	\$30,000
Nevada County	\$50,000
Northeastern California Connect Consortium	\$75,000
Orange County Education and Research Institute	\$10,000

Grantee Partner	Amount of Grant
San Diego Association of Governments	\$200,000
San Joaquin Valley Regional Broadband Consortium	\$200,000
Southeast Community Development Center	\$45,000
Southern Border Broadband Consortium	\$100,000
Southern California Association of Governments	\$300,000
Upstate California Connect Consortium	\$75,000
Digital Literacy Grants	\$71,590
Equalitech	\$20,590
California State University, Fresno Foundation	\$51,000
CETF TOTAL GRANTS	\$6,908,750

5-Year Strategic Plan Through December 2022

GRANTS MANAGED BY CETF

Grantee Partner	Amount of Grant
Frontier Partnership Grants	\$1,500,000
AGIF Education Foundation (Santa Maria)	\$330,000
California Community Action Partnership Association	\$240
California Foundation for Independent Living Centers	\$92,250
California State University, Fresno	\$167,040
Great Harvest Community Center	\$17,220
Happy Village	\$4,080
human-I-T	\$510,000
McFarland School District	\$30,240
Mothers Helping Others	\$12,120
National Asian American Coalition	\$9,000
National Council of Negro Women Inland Empire	\$1,260
Partners In Education	\$18,180
Priscilla's Helping Hands	\$6,750
Sigma Beta Xi	\$84,300
Southeast Community Development Corporation	\$180,000
United Ways of California	\$37,320
San José Digital Inclusion Partnership	\$1,925,150
ACE Charter Schools	\$43,250
Alum Rock Union School District	\$361,750
Catholic Charities of Santa Clara County	\$184,000
ClosingTheDivide	\$17,500

Grantee Partner	Amount of Grant
Cristo Rey San José High School	\$68,300
Evergreen Valley College	\$52,500
First Community Housing	\$42,500
Goodwill of Silicon Valley	\$72,000
International Children Assistance Network, Inc.	\$80,200
Indian Health Center of Santa Clara County	\$6,000
International Rescue Committee, Inc.	\$38,000
LitLab	\$3,250
Latinos United for a New America (LUNA)	\$44,500
NPower, Inc.	\$1,500
Prosperity Lab	\$17,500
Rocketship Public Schools	\$25,000
Sacred Heart Community Service	\$169,000
San José Public Library Foundation	\$256,650
San José Media Access Corp. (CreaTV)	\$7,100
San José Parks, Recreation and Neighborhood Services Department	\$13,500
Silicon Valley Education Foundation	\$35,000
Sourcewise	\$35,000
Step Up and Do Something! Inc.	\$77,800
Tech Exchange (Oakland Public Education Fund)	\$209,900
Third Street Community Center	\$10,000
Vietnamese Voluntary Foundation, Inc. (VIVO)	\$53,450
SDIP Donations Disbursed in Grants	\$1,778,473

Leadership to Advance Digital Equity for Community Justice

The Digital Divide is another facet of the Economic Divide stemming from concentrated and persistent poverty rooted in systemic racism. Thus, closing the Digital Divide must address the inter-related factors and forces that we call the “wall of poverty” that make it very difficult for low-income residents to escape oppressive economic conditions and to succeed in school. This reality screams for systemic change and is why the California Emerging Technology Fund pursues Digital Equity as a 21st Century Civil Right and an imperative for Community Justice.

California is home to deeply-dedicated and extensively-experienced Digital Equity Champions who have been trailblazers for years in helping low-income households and digitally-disadvantaged residents get connected to the Internet with high-speed infrastructure and affordable home service. They include non-profit community-based organizations (CBOs) who are the original “Digital Navigators” doing outreach in-language and in-culture as trusted messengers and the Regional Broadband Consortia who engage a wide spectrum of civic organizations to drive policy and action locally. Since the pandemic exposed a “Digital Cliff” for unconnected households—literally falling into deeper isolation and greater economic hardships without Internet service—additional leaders have stepped forward to help close the Digital Divide. Most notably are the Southern California Association of Governments (SCAG) and San Diego Association of Governments (SANDAG) under the umbrella of Southern California Transformation representing 216 Local Governments and 60% of the state’s population. SANDAG and SCAG have adopted Digital Equity policies, developed strategic plans for Deployment and permit streamlining, and launched focused campaigns for Adoption. Counties and Cities, County Offices of Education, School Districts, philanthropic foundations, private companies and business organizations, labor unions, and non-profit human service groups also have embraced Digital Inclusion to add significant momentum for Institutionalization. The importance of this work has been elevated by the Governor and Legislature taking groundbreaking action to make California a national leader.

The Governor’s 2019 Broadband For All initiative and 2020 Executive Order established the essential focus. In 2021 the Legislature and Governor approved \$6 billion for high-speed Internet infrastructure and authorized \$150 million annually for the California Advanced Services Fund to close the Digital Divide. The California Broadband Council adopted a goal to get 90% of all low-income households online by 2024. State Agencies are actively implementing these actions and preparing the Digital Equity Plan and Broadband Equity Access and Deployment (BEAD) Plan pursuant to the Infrastructure Investment and Jobs Act (IIJA) to secure California’s fair share of federal funds to augment State resources. The challenge now is to overcome bureaucratic inertia and break through organizational silos with commitment and urgency to achieve Digital Equity and Community Justice for all Californians.

It is only a matter of LEADERSHIP.

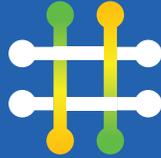


Sunne Wright McPeak
President and CEO
California Emerging Technology Fund



Digital Equity is a 21st Century Civil Right for Community Justice

School 2 Home



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