



Status of Broadband in Rural California

Assembly Select Committee on the Digital Divide in Rural California

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OVERVIEW

- Known Federal Broadband Awards in CA
- Broadband related Programs - CASF/CTF
- Mobile Testing
- Mapping & Analysis Efforts





Federal Broadband Awards in 2015

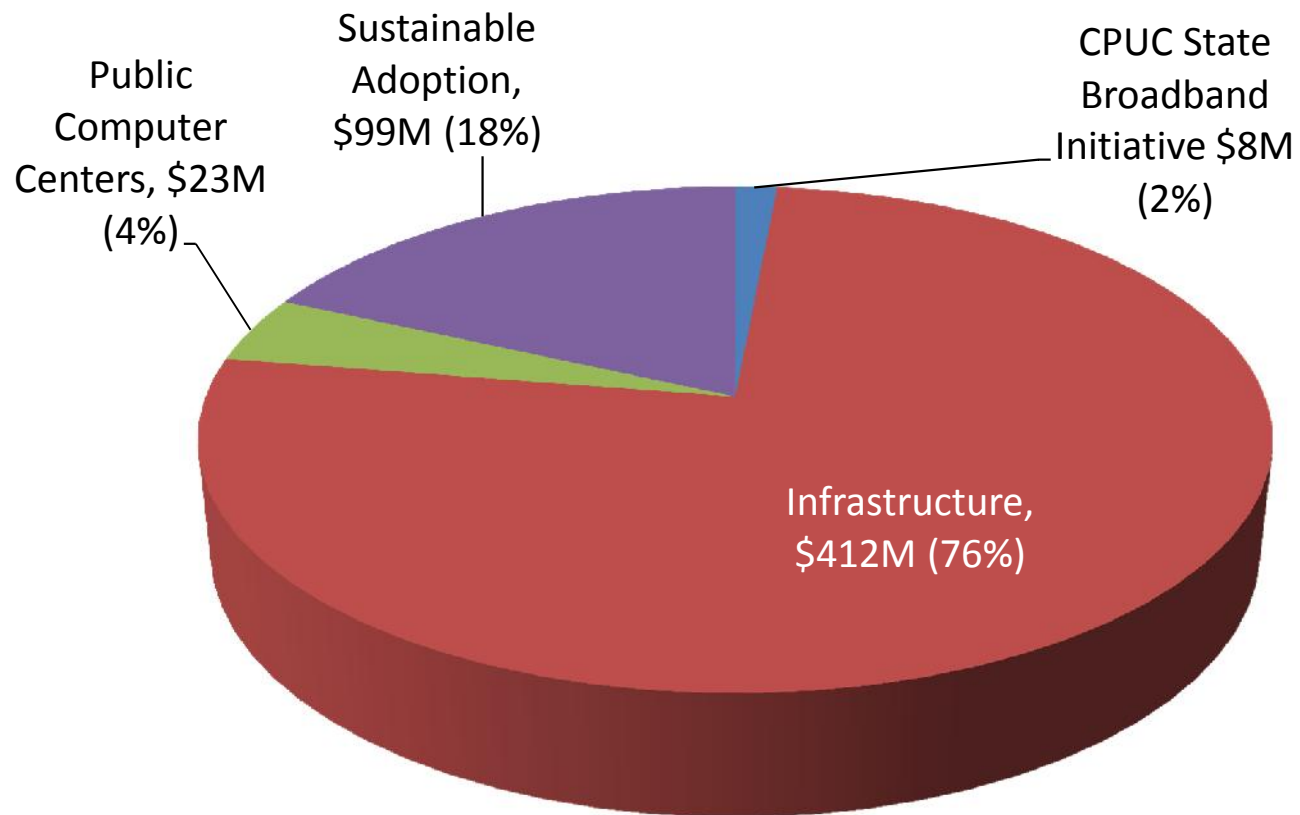
- CAF Phase II
 - AT&T - \$60M
 - Frontier - \$6M
 - Consolidated - \$15K
- USDA Farm to School
 - 8 organizations received grants totaling \$620K
 - Only 1 grant for infrastructure (Chico Unified, \$100K)
- USDA Community Connect
 - No awards in 2015
 - No awards to CA tribes since 2011
- Tribal Mobility Fund
 - No awards made to California since program began





Past Federal Broadband Awards – 2009/10

Broadband Technology Opportunity Program: \$542M





CPUC Broadband Programs

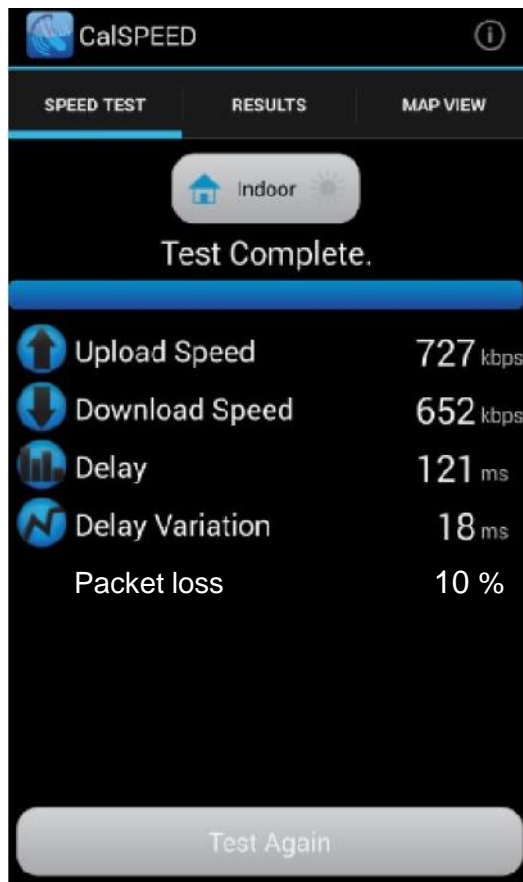
- California Advanced Services Fund (CASF)
- California Teleconnect Fund (CTF)

- Additional Universal Service Programs
 - California Lifeline – discount can apply to wireless voice/data package
 - broadband under discussion at Fed level



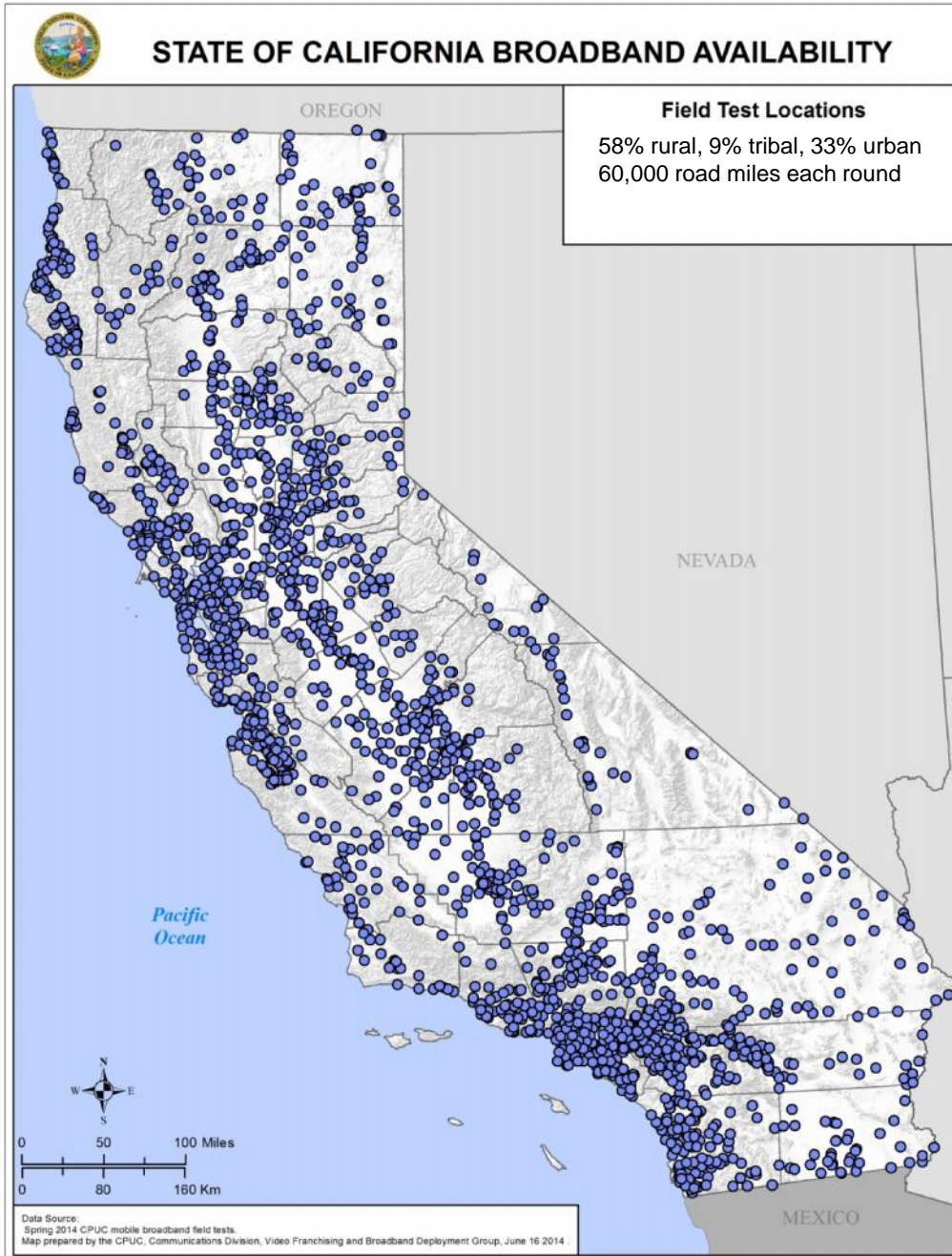


Mobile Testing



- Semi-annual testing program
 - 1,990 locations (Verizon, AT&T, Sprint, T-Mobile)
 - 56% rural, 9% tribal, 35% urban
 - More accurate test than commercially available apps
- Android app for the public to do their own testing
 - iPhone version available this December 2015







Rural-Urban Served Estimates – Wireline & Mobile

Access to 6 Mbps Down or Greater and 1.5 Mbps Up or Greater

Households* served by wireline broadband

Rural households	% Total rural households served	% Total rural households underserved & unserved	Urban households	% Total urban households served	% Total urban households underserved & unserved
684,212	43%	57%	12,145,822	98%	2%

Households* served by mobile broadband**

Rural households	% Total rural households served	% Total rural households underserved & unserved	Urban households	% Total urban households served	% Total urban households underserved & unserved
684,212	15%	85%	12,145,822	16%	84%

* CA Department of Finance, January 2015 estimate

** CPUC Communications Division. Served estimates based on results from Spring 2015 mobile field testing using interpolated mean minus 2 standard deviation results. Spring, 2015 field test.





Rural-Urban Served Estimates – Wireline & Mobile

Access to 25 Mbps Down or Greater and 3 Mbps Up or Greater

Households* served by wireline broadband

Rural households	% Total rural households served	% Total rural households underserved & unserved	Urban households	% Total urban households served	% Total urban households underserved & unserved
684,212	35%	65%	12,145,822	97%	3%

Households* served by mobile broadband**

Rural households	% Total rural households served	% Total rural households underserved & unserved	Urban households	% Total urban households served	% Total urban households underserved & unserved
684,212	0%	100%	12,145,822	0%	100%

* CA Department of Finance, January 2015 estimate

** CPUC Communications Division. Served estimates based on results from Spring 2015 mobile field testing using interpolated mean minus 2 standard deviation results. Spring, 2015 field test.

