



SENATE ENERGY, UTILITIES AND COMMUNICATIONS COMMITTEE

February 16, 2010

CETF Mission

CONNECT ✦ COMMUNICATE ✦ COMPETE

Mobilize leadership statewide to close the Digital Divide by accelerating the deployment and adoption of broadband to unserved and underserved communities.

Ensure that California is a global leader in the availability and use of broadband technology.



California Emerging Technology Fund

Overall Goals and Metrics for Success by 2017

- **Supply – Deployment**
 - Access for 98% (>250,000 HH of 500,000 Unserved HH)
 - Robust California Telehealth Network (>2,000 Sites)
 - All Tribal Lands Connected and Part of CTN
- **Demand – Adoption**
 - California Ahead of Nation - Goal 80%
 - All Regions and Groups within 10 Percentage Points
 - Low-Income and Latino HH and PWD >70%
- **California Among Top 3 in World**
 - Access (Supply), Adoption (Demand), Sufficient Speed
 - Increased Economic Productivity and Green Benefits
 - Major Initiatives Completed: Digital Literacy, S2H, Housing
 - Increased Subscription (beyond current trends)

CALIFORNIA IS KEY TO CLOSING THE DIGITAL DIVIDE IN AMERICA

Kentucky

44,000 Square Miles

Unserved

Maine

1.4 M Rural Residents
without Access

Illinois

12.9 M Urban Residents
Not Connected

New Mexico

1.9 M People with Disabilities

Alaska

.68 M Native Americans

The Digital Divide in California is the equivalent of having an Illinois, New Mexico, Maine, Kentucky and Alaska all inside the state.

CETF Civic Leadership Engagement

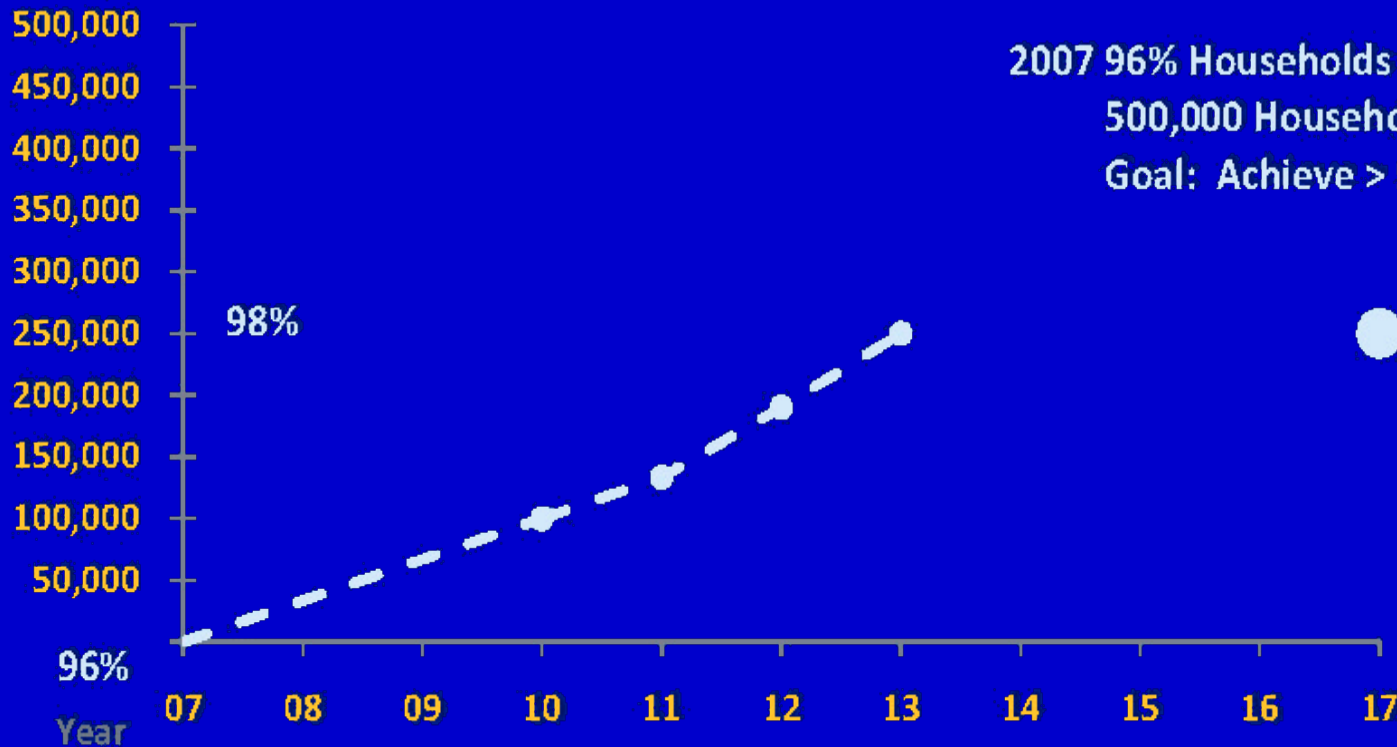
Rural Regional Consortia and Urban Collaboratives



Broadband Deployment in California

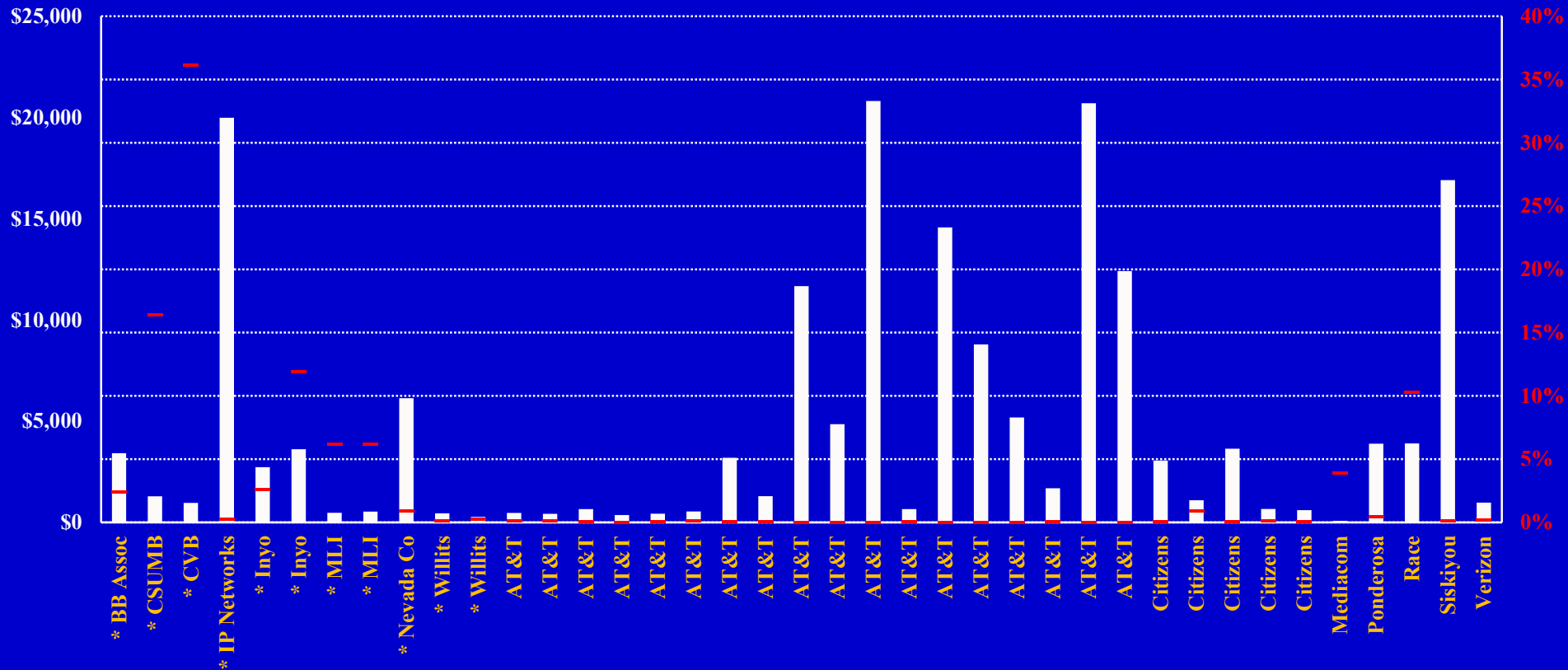
Unserved
Households
Connected

% Access
100%



Relationship of CETF Rural Regional Consortia to CASF-ARRA Deployment Projects

Approved CPUC CASF Proposal Summary



* Applicant was a CETF Regional Rural Consortium participant or had direct CETF guidance.

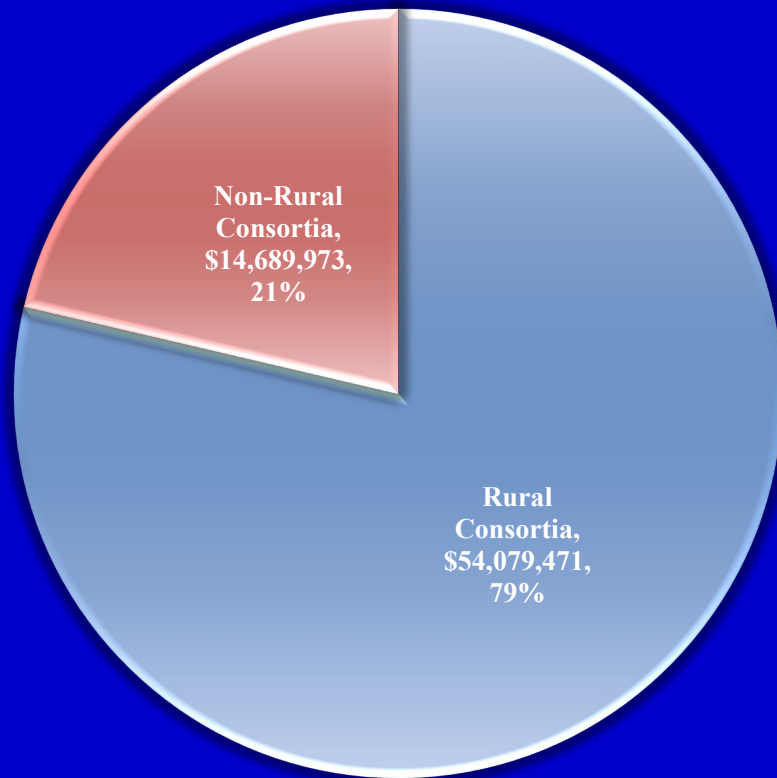
■ Cost per Household by CASF Proposal

— % of Overall CASF Households Connected by Proposal

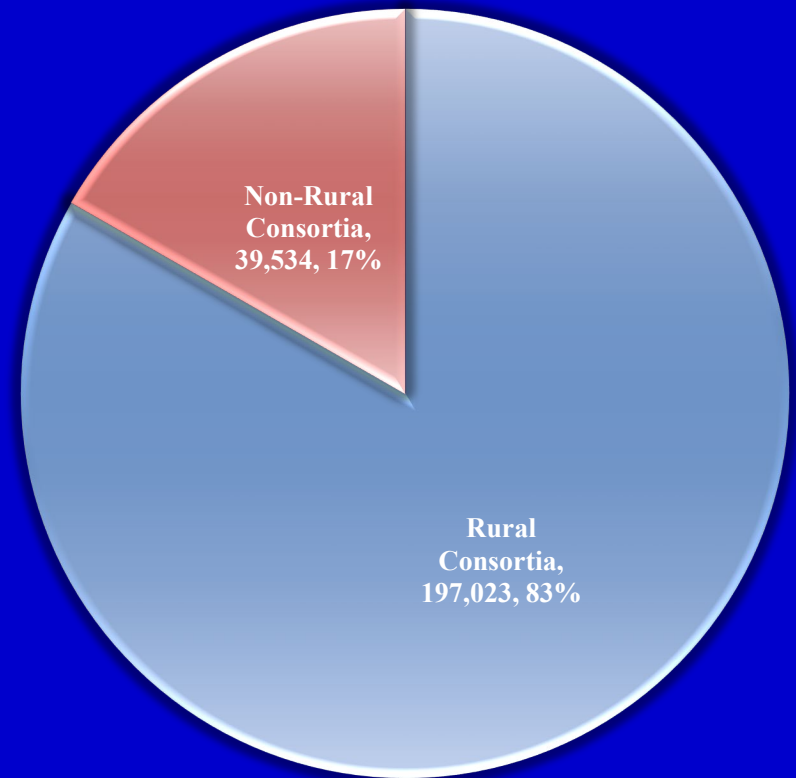


Relationship of CETF Rural Regional Consortia to CASF-ARRA Deployment Projects

CPUC CASF Funded Awards by Dollars

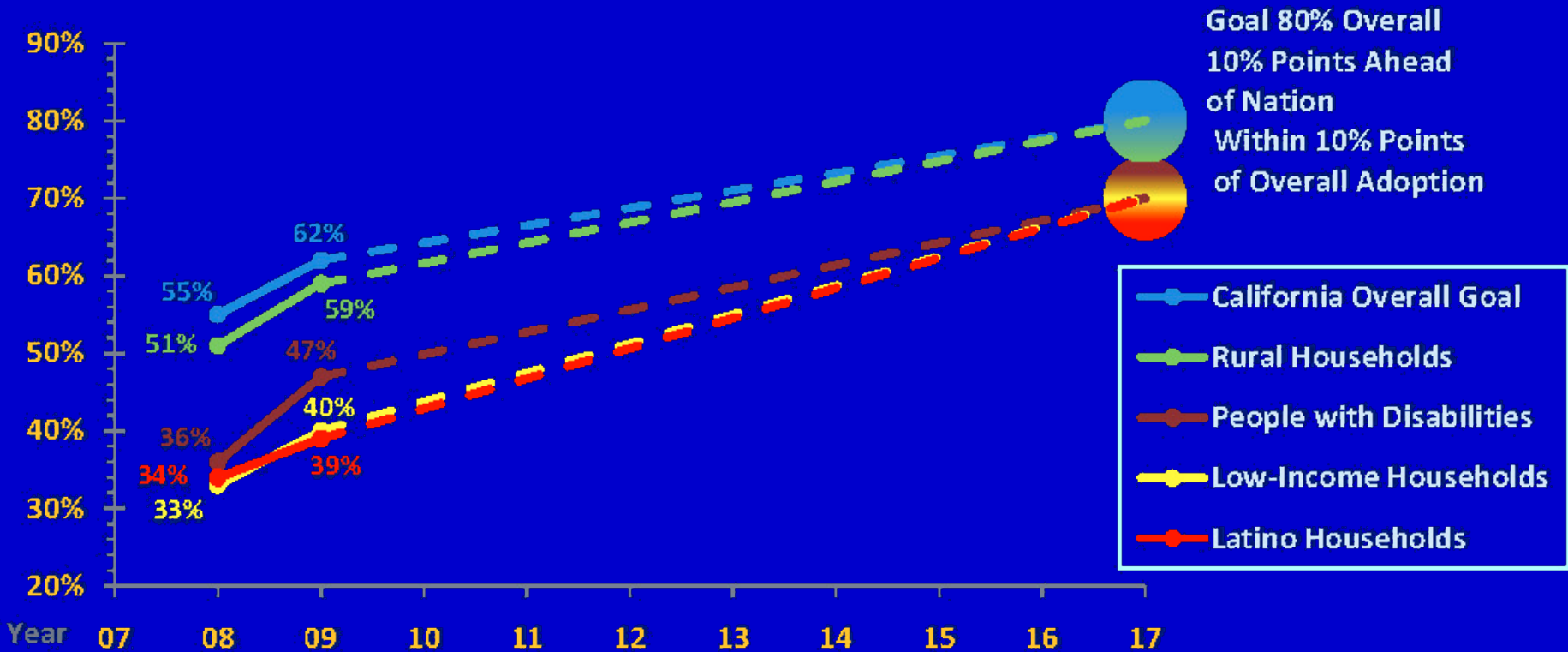


CPUC CASF Funded Awards by Households

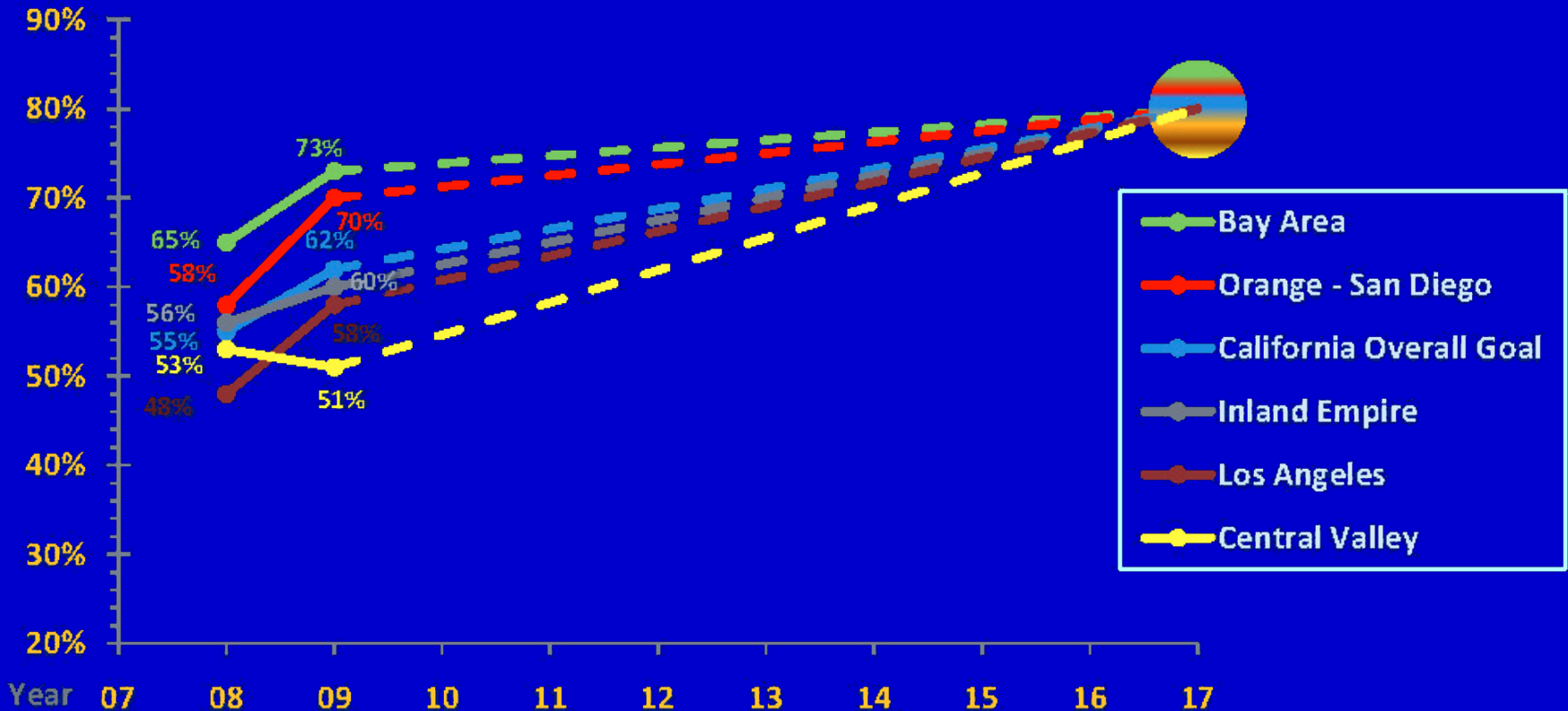


Adoption
Population
Percentage

Broadband Adoption in California



Broadband Adoption in California Regions



MOST CALIFORNIA RESIDENTS HAVE SLOW SPEED

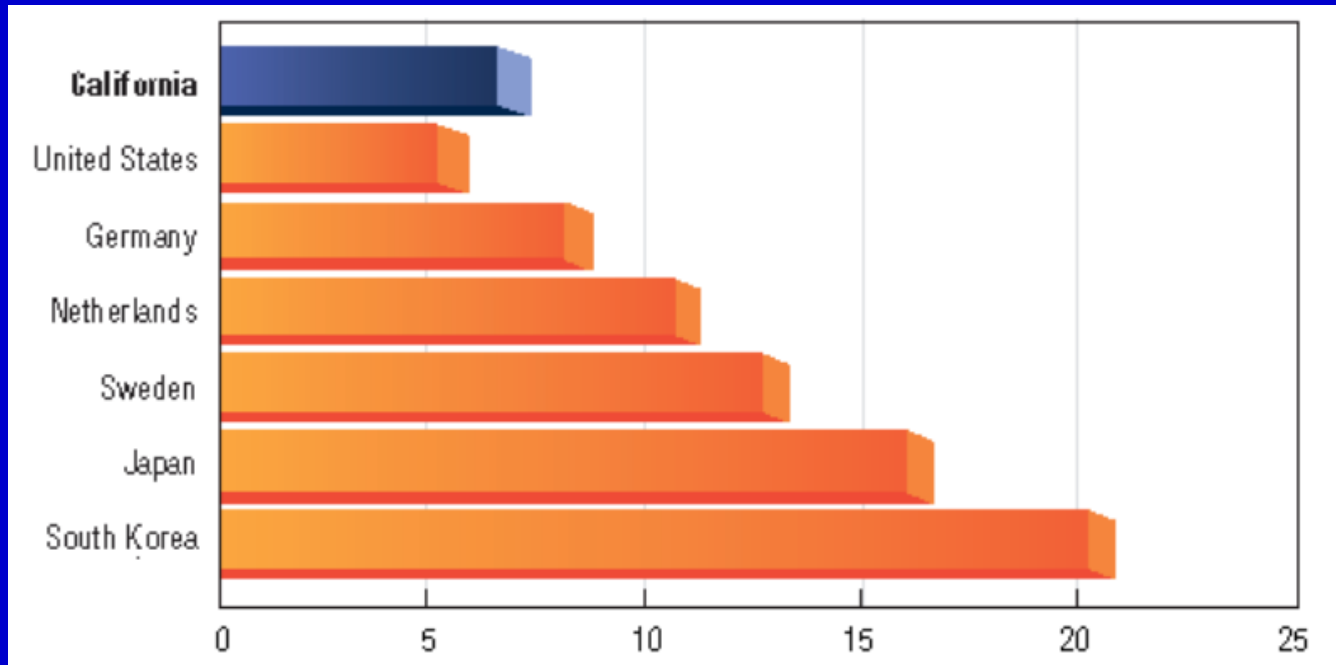
DOWNLOAD SPEED RANGE	% OF CALIFORNIA
Less than 768 kbps	14%
768 kbps to 6 mbps	55%
6 to 10 mbps	10%
10 to 25 mbps	17%
Greater than 25 mbps	3%

Source: CWA Speedmatters.org



CALIFORNIA QUICK STATS

Average Download Speed 2009



(megabits per second)

The Average Upload Speed in California is 1.3 mbps.