



# California Prepares for FirstNet

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**CalOES - Public Safety Communications**

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# FirstNet by the Numbers in California

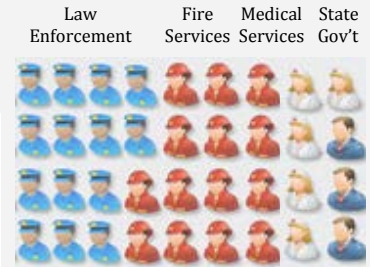


## VISION

To provide emergency responders with the first nationwide, high-speed, wireless broadband dedicated to public safety.

## GOVERNANCE

California created the California First Responder Network Board of Directors that consists of **12** multi-disciplinary representatives, with a cross-section of public safety expertise.



## FACTS

California is the world's 8<sup>th</sup> largest economy. The gains are driven by technology, tourism, trade and construction. The Golden State now falls behind Brazil but in front of Russia and Italy.

**200,000+**  
California potential FirstNet public safety users

|                                        |                                   |                                                             |                      |
|----------------------------------------|-----------------------------------|-------------------------------------------------------------|----------------------|
| <b>2,136</b><br>Public Safety Agencies | <b>163,696</b><br>Square Miles    | <b>137</b><br>Linear Miles Along California's Mexico Border | <b>109</b><br>Tribes |
| <b>58</b><br>Counties                  | <b>478</b><br>Incorporated Cities | <b>3,400</b><br>Special Districts                           | <b>11</b><br>Ports   |

## THE COVERAGE CHALLENGE

FirstNet in California's coverage challenge: geography is divided into dense urban, urban, where most people live, but make up only 5% of the California's land mass.

5%

81%

14%



Dense Urban/  
Urban

Rural

Wilderness

# Public Safety Communications



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

Map provided by Department of Homeland Security –  
Office of Emergency Communications

### Agencies

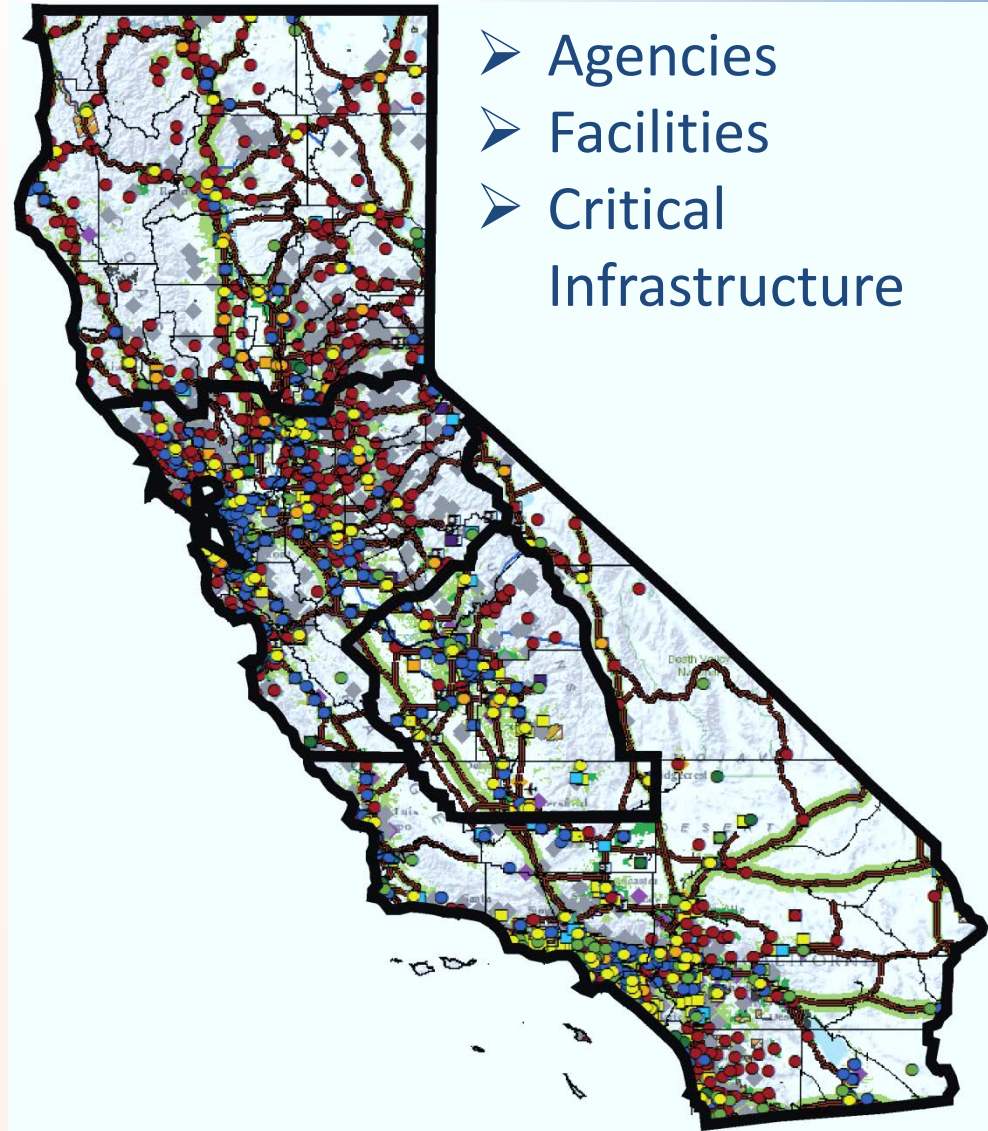
- EMS Departments
- Federal
- Military
- Emergency Management
- Law Enforcement
- Fire Departments

### Facilities

- Major State Government Building
- Court Houses
- ▨ Prison Areas
- ▨ Corrections
- ▨ Airport
- + Airports
- Local Emergency Operations Centers
- State Emergency Operation Centers
- Urgent Care Facilities
- Hospitals
- PSAP
- Schools
- ⚓ Ports
- Amtrak Stations
- Air National Guard (ANG) Sites
- ▨ Army National Guard (ARNG) Installations
- Canada and Mexico Border Crossings

### Critical Infrastructure

- ◆ Manufacturing
- Hazardous Materials Routes
- ◆ Energy
- ☢ Nuclear Plants
- ◆ Dams
- ◆ Public Venues

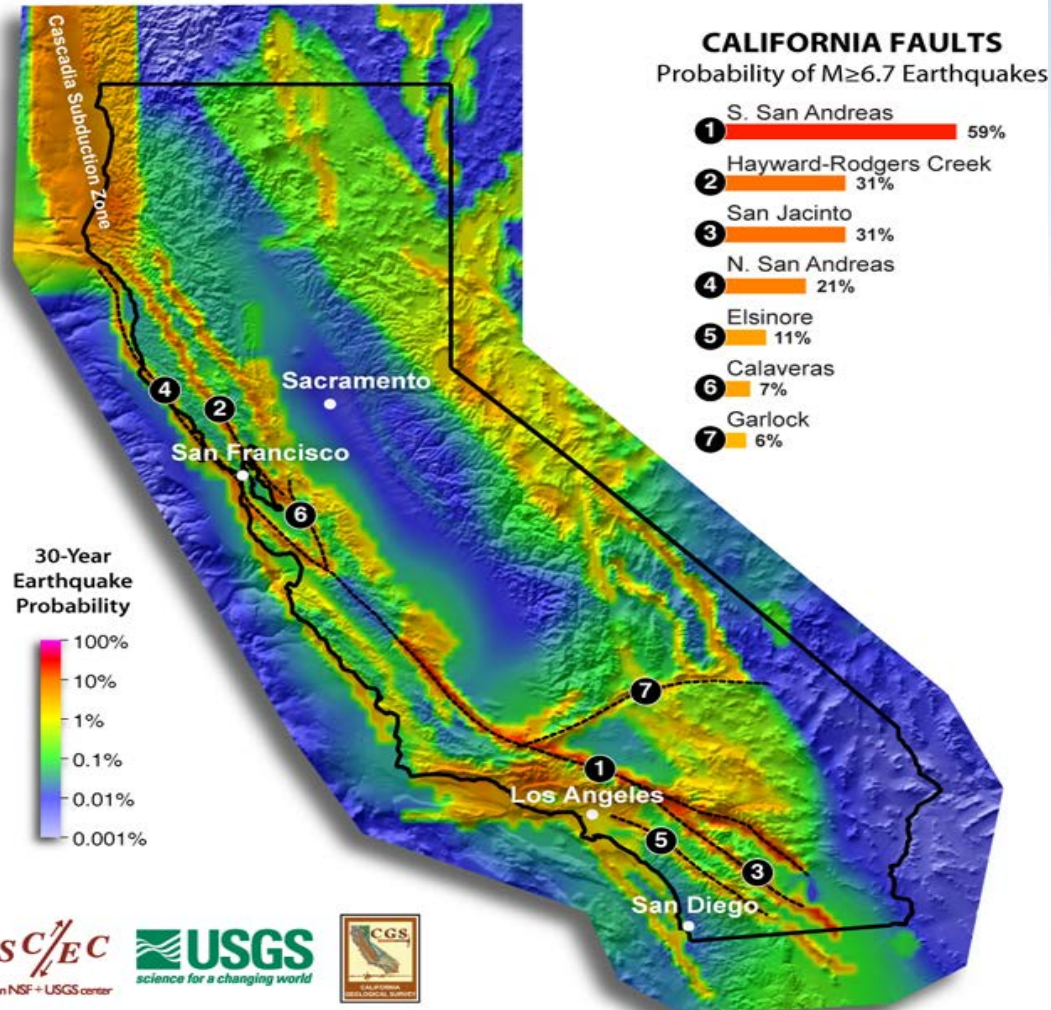


- Agencies
- Facilities
- Critical Infrastructure

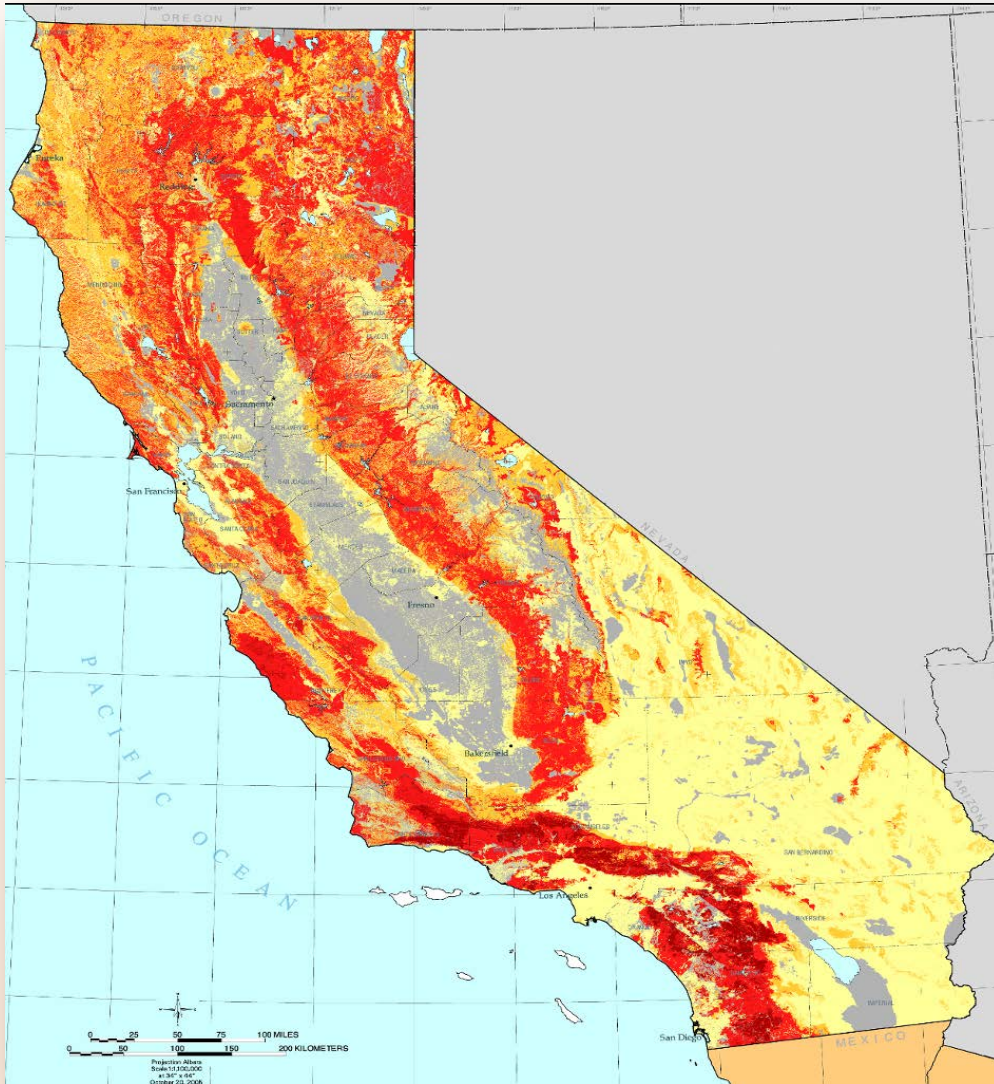










# California Fault Map



# California Fire Danger Map



## FIRE THREAT

-  **Extreme**
-  **Very High**
-  **High**
-  **Moderate**
-  **Non-fuel**
-  **Non-mapped**



## Established California's First Responder Network (CalFRN) Board of Directors

### Includes, 12 Representatives From:

- CA Point of Contact – Chairperson
- CA Governor's Office of Emergency Services
- CA Department of Technology
- CA Department of Forestry and Fire Protection
- California Highway Patrol
- CA Governor's Office Tribal Advisor
- Emergency Medical Services Authority Association
- BayRICS
- LA-RICS
- CA Sheriffs Association
- CA Police Chiefs Association
- CA Fire Chiefs Association



## Outreach

### Town Hall Meetings

- Lake County, July 16, 2014 \*Video is available
- Bakersfield, August 13, 2014 \*Video is available
- Vacaville, September 24, 2014\*Video is available
- Santa Ana, September 30, 2014\*Video is available
- Sacramento, November 20, 2014
- Humboldt County, Early December 2014
- Location to be determined, Early January 2015





## Outreach

### Workshops

- Sacramento – August 26<sup>th</sup> 2014
- Diamond Bar – October 1, 2014

### Scope for Early 2015

- Meetings with Tribal Leaders
- Reformat Town Hall Meetings – Interactive
- California State Consultation Meetings

### Publish FirstNet in California Roadmap – Dec 2014

### Mapping 12 months of 9-1-1 Calls by Location (26 million calls)



## California's Plan

### Leverage Broadband Partners

- California Public Utilities Commission/Department of Technology
- LA-RICS (Regional Interoperable Communications System) Received \$150m of Broadband Technology Opportunity Program (BTOP) grant funding
- Next Generation of 9-1-1
- Partnering with Western States

## Contact Information

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- CalOES Website @ <http://www.calema.ca.gov/PSC/Pages/psc.aspx>