# CalSPEED: Testing Mobile Wireless Services
## Reliability, Quality & Availability throughout California

## What is CalSPEED?

The California Public Utilities Commission's (CPUC's) CalSPEED program measures the reliability, quality, and availability of mobile wireless services.

CalSPEED uses its own open source software to take these measurements. This information is used to create online maps that display the data gathered.

Policymakers can see where more effort is needed to improve service availability, quality, and reliability of mobile wireless services.

## What does CalSPEED measure?

**Availability of Mobile Wireless Services**

CalSPEED uses its own software in smartphones to take measurements at more than 4,000 locations in urban, rural, and Tribal areas across California.

**Quality & Reliability of Mobile Wireless Services**

CalSPEED measures downstream and upstream speeds, round trip time, service consistency, data loss, call quality, video quality, and more.

## Which service providers does CalSPEED measure?

- AT&T
- FirstNet
- T-Mobile
- Verizon

CalSPEED shares maps and information so consumers can better understand the quality of mobile wireless services in places they care about. People can use what CalSPEED learned to make more informed choices when choosing between mobile wireless carriers and focusing resources.

### See the results:

Map layers and data can be found on the California Broadband Map under CalSPEED Mobile Drive Test Results at https://www.broadbandmap.ca.gov.

### Where can I learn more?

**VISIT:** www.cpuc.ca.gov/calspeed

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