



Opportunities to Expand Broadband Coverage for Community Institutions in Mendocino County

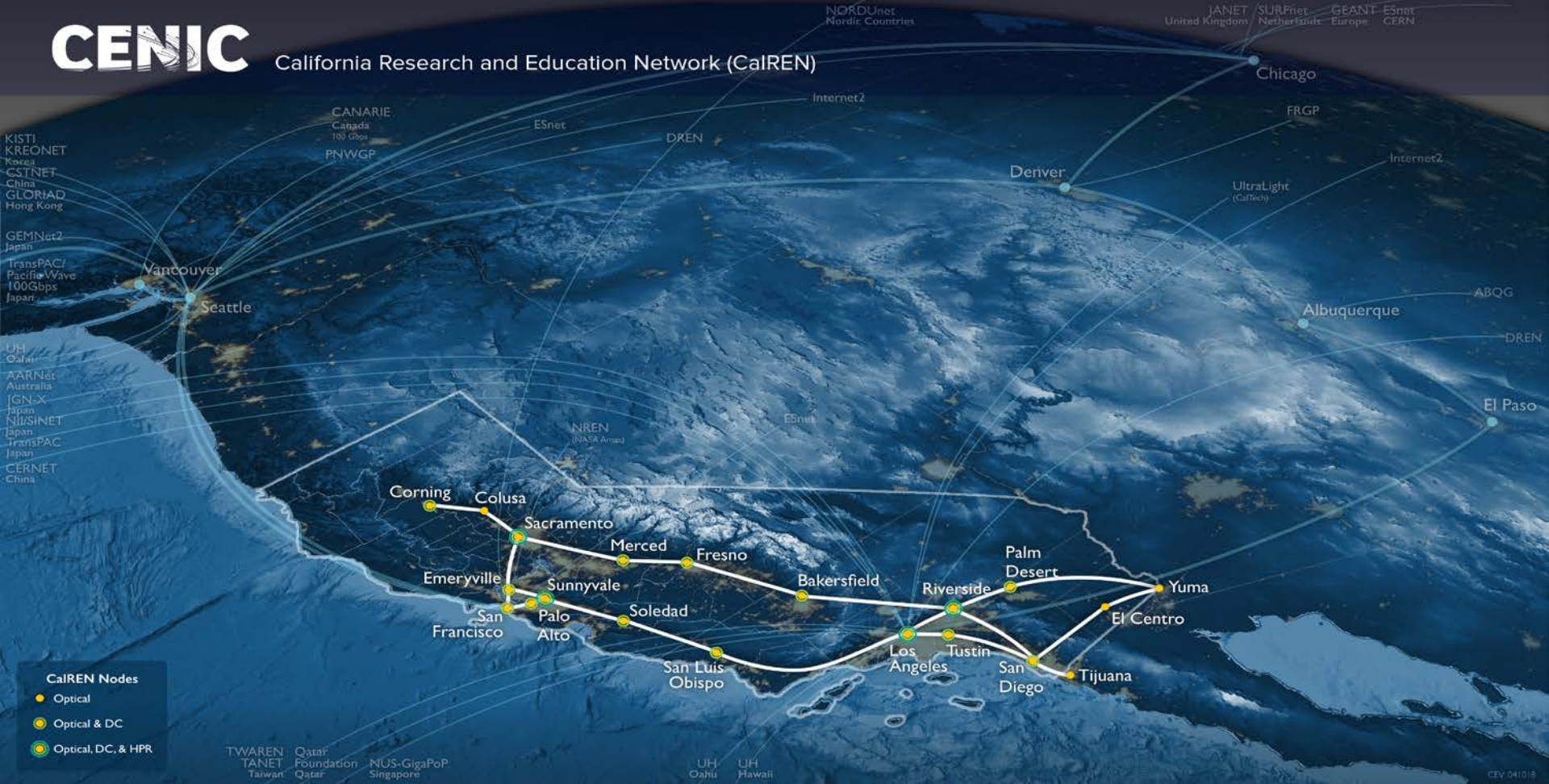
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CENIC is a 501(c)(3) with the mission to advance education and research statewide by providing the world-class network essential for innovation, collaboration, and economic growth.

Charter Associates:

- California K-12 System
- California Community Colleges
- California State University System
- Stanford, Caltech, USC
- University of California
- California Public Libraries
- Naval Postgraduate School



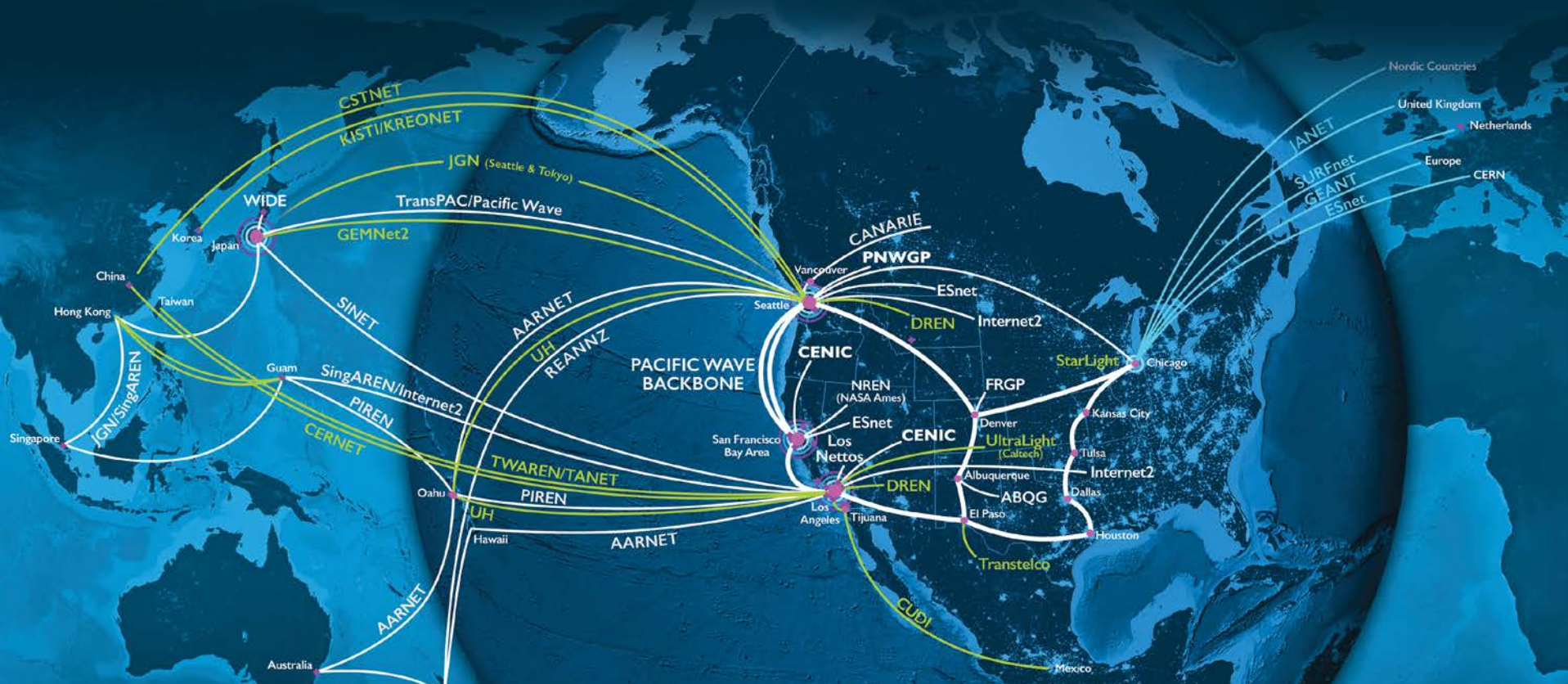


- **8,000+** miles of optical fiber
- **Members in all 58 counties** connect via fiber-optic cable or leased circuits from telecom carriers
- **Over 12,000 sites** connect to CENIC
- **A non-profit** governed by its members
- Collaborates with over **750 private sector partners** and contributes > **\$100,000,000** to the CA Economy
- **Over 20 years** of connecting California
- **20,000,000 Californians** use the CENIC network



NATIONAL & INTERNATIONAL PEERING EXCHANGE

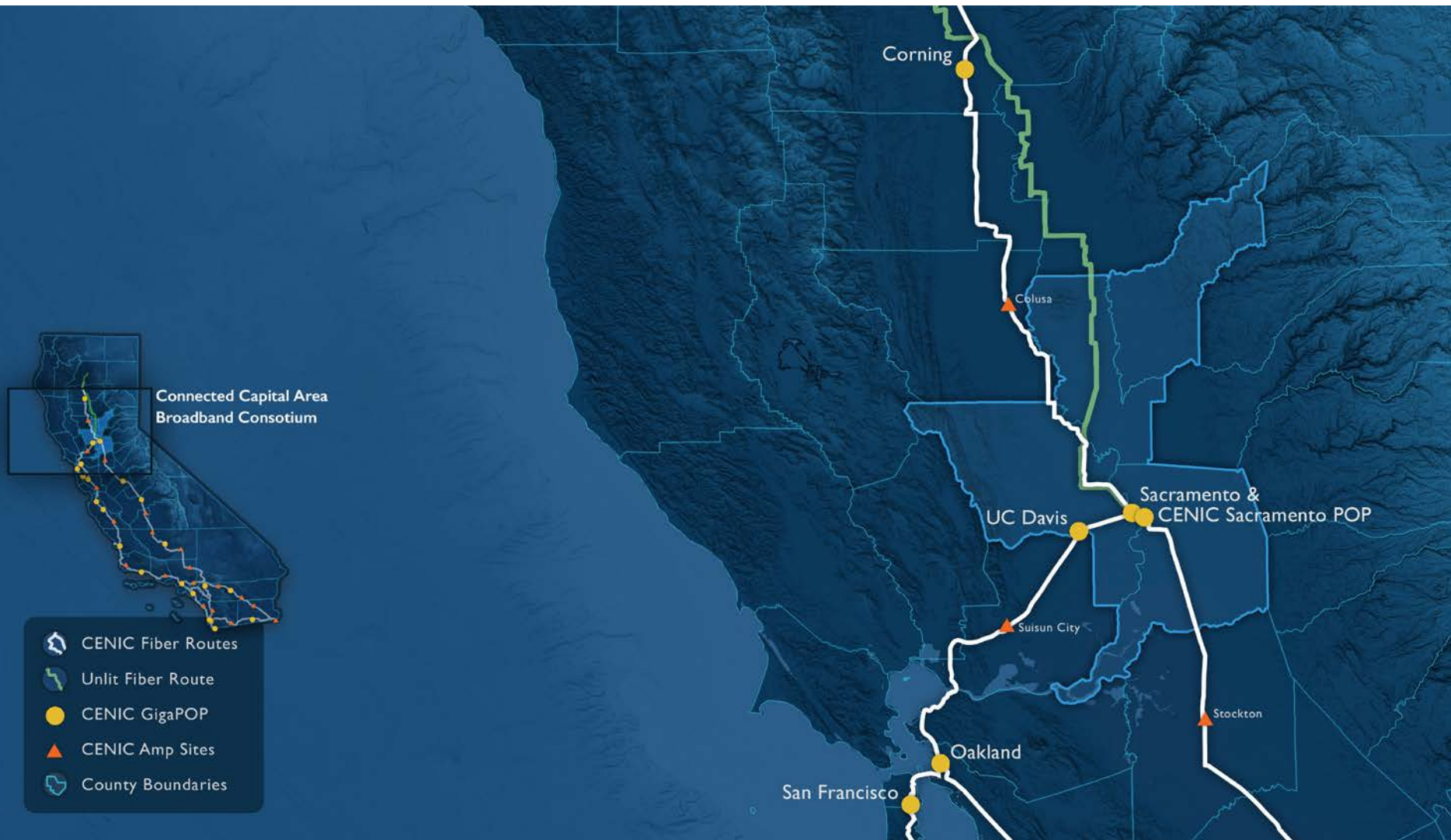
Pacific Wave is a project of CENIC & PNWGP



With support from the National Science Foundation

<p>SPEEDS/POPS</p> <p> 10 Gbps</p> <p> 100 Gbps</p> <p> CURRENT FUTURE</p>		<ul style="list-style-type: none"> ◆ Pacific Wave POPs ◆ Pacific Research Platform (PRP) ◆ PRP Science DMZ Fabric ○ Software Defined Network ○ Commercial Peering Points (Amazon, Google, & Microsoft) 	<p>WESTERN REGIONAL NETWORK States served by WRN members:</p> <ul style="list-style-type: none"> - ABQG: New Mexico GigaPoP - CENIC: California - FRGP: Colorado and Wyoming - PNWGP: Washington, Montana, Alaska, Oregon & Idaho - UH: Hawaii
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Mendocino County & CENIC



Mendocino County Connection Report

This report provides an overview of CENIC's current and prospective broadband network efforts within the catchment area for Mendocino County.

The following charts indicate the four phases of broadband project deployment, defined as:

- **Evaluation:** CENIC has been engaged, quotes and potential designs are being evaluated and chosen, and a request for proposals (RFP) has been developed.
- **Planning:** RFP has been distributed, responses evaluated, the contract awarded and completed, and planning for implementation is underway.
- **Implementation:** A circuit has been ordered and CENIC staff are in various stages of ordering hardware, configuring hardware, deployment, and testing.
- **Production:** Deployment is complete and the site is passing traffic to the CENIC network.

Mendocino County Connected CalREN sites: CENIC Data

COUNTY	SEGMENT	LOCATION NAME	CAPACITY	CARRIER	STATUS
Mendocino	CCC	Mendocino CCto EMVL1 (potential upgrade to 1Gbps existing)	10 Gbps	N/A	Evaluation
Mendocino	CCC	Mendocino CC to EMVL1	1 Gbps	AT&T	Evaluation
Mendocino	CCC	Mendocino CCto SFRA1	1 Gbps	COMCAST	Production
Mendocino	CCC	Mendocino CCto SFRA1 (potential upgrade to 1Gbps existing)	10 Gbps	N/A	Production
Mendocino	CCC	Mendocino Fort Bragg to Mendocino CC	1 Gbps	AT&T - Locally Managed	Production
Mendocino	CCC	North County Center to Mendocino CC	1 Gbps	AT&T - Locally Managed	Production
Mendocino	K12-BIG	Spy Rock School	100 Mbps	101 Netlink	Production
Mendocino	K12-BIG	Whale Gulch Elementary	10 Mbps	101 Netlink	Production
Mendocino	K12-BIG	Leggett Valley High	10 Mbps	101 Netlink	Production
Mendocino	K12-BIG	Sherwood	50 Mbps	Northcoast	Production
Mendocino	K12-Node	Mendocino COE-River Center	10 Gbps	AT&T	Production
Mendocino	UC	Hopland REC	500 Mbps	AT&T	Production
Mendocino	UC	UCANR Hopland REC	500 Mbps	AT&T	Production

Mendocino County K-12 sites: K12HSN Self Reported Data

County	Site Type	Location Name	District	Capacity	Site Provider	Site Connects To	BIIG	CASF/CAF
Mendocino	OCE	Mendocino County Office of Education		10 Gbps	AT&T	Sunnyvale Hub		
Mendocino	School	Orr Creek	Mendocino County Office of Education	75 M bps	Privately owned by LEA	Mendocino County Community		
Mendocino	School	West Hills Juvenile Hall Court	Mendocino County Office of Education	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Mendocino County Community	Mendocino County Office of Education	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	District	Anderson Valley Unified		1 Gbps	Privately owned by LEA	Anderson Valley Elementary		CAF2
Mendocino	School	Rancheria Continuation	Anderson Valley Unified	100 M bps	AT&T	Anderson Valley Elementary		CAF2
Mendocino	School	Anderson Valley Adult	Anderson Valley Unified	100 M bps		Anderson Valley Elementary		CAF2
Mendocino	School	Anderson Valley Junior-Senior High	Anderson Valley Unified	100 M bps	AT&T	Mendocino County Office of Education		CAF2
Mendocino	School	Anderson Valley Elementary	Anderson Valley Unified	100 M bps	AT&T	Mendocino County Office of Education		CAF2
Mendocino	District	Arena Union Elementary		1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Arena Elementary	Arena Union Elementary	1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Pacific Community Charter	Arena Union Elementary	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	District	Fort Bragg Unified		100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Three Rivers Charter	Fort Bragg Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Noyo High (Continuation)	Fort Bragg Unified	1 Gbps	AT&T	Fort Bragg High		
Mendocino	School	Coastal Adult	Fort Bragg Unified					
Mendocino	School	Lighthouse Community Day	Fort Bragg Unified	1 Gbps	AT&T	Fort Bragg High		
Mendocino	School	Fort Bragg High	Fort Bragg Unified	1 Gbps	Privately owned by LEA	Dana Gray Elementary		
Mendocino	School	Dana Gray Elementary	Fort Bragg Unified	1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Redwood Elementary	Fort Bragg Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Fort Bragg Middle	Fort Bragg Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Shelter Cove	Fort Bragg Unified	1 Gbps	AT&T	Fort Bragg High		
Mendocino	District	Manchester Union Elementary		100 M bps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	School	Manchester Elementary	Manchester Union Elementary	100 M bps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	District	Mendocino Unified		1 Gbps		Mendocino K-8		
Mendocino	School	Mendocino Sunrise High	Mendocino Unified	1 Gbps	AT&T	Mendocino High		
Mendocino	School	Mendocino Alternative	Mendocino Unified	1 Gbps	AT&T	Mendocino High		
Mendocino	School	Mendocino High	Mendocino Unified	1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Comptche Elementary	Mendocino Unified	100 M bps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	School	Mendocino K-8	Mendocino Unified	1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Albion Elementary	Mendocino Unified	100 M bps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	District	Point Arena Joint Union High		100 M bps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	School	South Coast Continuation	Point Arena Joint Union High	50 M bps		Point Arena Joint Union High		CASF/CAF2 area
Mendocino	School	Point Arena High	Point Arena Joint Union High	100 M bps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	District	Round Valley Unified		45 M bps		Mendocino County Office of Education		CASF/CAF2 area
Mendocino	School	Round Valley Continuation	Round Valley Unified	45 M bps		Round Valley Unified		CASF/CAF2 area
Mendocino	School	Eel River Charter	Round Valley Unified	10 M bps		Round Valley Unified		CASF/CAF2 area
Mendocino	School	Round Valley High	Round Valley Unified	45 M bps		Round Valley Unified		CASF/CAF2 area
Mendocino	School	Round Valley Elementary	Round Valley Unified	45 M bps		Round Valley Unified		CASF/CAF2 area
Mendocino	District	Ukiah Unified		1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Grace Hudson Elementary	Ukiah Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	River Oak Charter	Ukiah Unified	10 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Ukiah Independent Study Academy	Ukiah Unified	0				
Mendocino	School	Redwood Academy of Ukiah	Ukiah Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Accelerated Achievement Academy	Ukiah Unified	1 Gbps		Mendocino County Office of Education		
Mendocino	School	South Valley High (Continuation)	Ukiah Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Ukiah Adult	Ukiah Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Ukiah High	Ukiah Unified	1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Calpella Elementary	Ukiah Unified	100 M bps	AT&T	Mendocino County Office of Education		
Mendocino	School	Frank Zeek Elementary	Ukiah Unified	100 M bps	AT&T	Mendocino County Office of Education		

Mendocino County K-12 sites: K12HSN Self Reported Data

County	Site Type	Location Name	District	Capacity	Site Provider	Site Connects To	BIIG	CASF/CAF
Mendocino	School	Nokomis Elementary	Ukiah Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Oak Manor Elementary	Ukiah Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Pomolita Middle	Ukiah Unified	250 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Yokayo Elementary	Ukiah Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Eagle Peak Middle	Ukiah Unified	250 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Tree of Life Charter	Ukiah Unified	100 Mbps				
Mendocino	District	Willits Unified	Willits Unified	100 Mbps	AT&T	Mendocino County Office of Education		CASF/CAF2 area
Mendocino	School	La Vida Charter	Willits Unified	1.54 Mbps		Bella Vista Elementary		
Mendocino	School	Willits Elementary Charter	Willits Unified	10 Mbps	Local ISP			
Mendocino	School	Willits Adult	Willits Unified	0				
Mendocino	School	Sanhedrin Alternative	Willits Unified	0				
Mendocino	School	Willits Charter	Willits Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Willits High	Willits Unified	250 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Baechtel Grove Middle	Willits Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Brookside Elementary	Willits Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Sherwood	Willits Unified	50 Mbps	Local ISP	Mendocino County Office of Education	BIIG	
Mendocino	School	Blosser Lane Elementary	Willits Unified	1 Gbps	AT&T	Mendocino County Office of Education		
Mendocino	District	Potter Valley Community Unified		1 Gbps		Potter Valley Elementary		
Mendocino	School	Potter Valley Junior High	Potter Valley Community Unified	100 Mbps		Potter Valley High		CASF/CAF2 area
Mendocino	School	Potter Valley High	Potter Valley Community Unified	100 Mbps		Potter Valley Elementary		CASF/CAF2 area
Mendocino	School	Centerville High (Continuation)	Potter Valley Community Unified	100 Mbps				
Mendocino	School	Potter Valley Elementary	Potter Valley Community Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	District	Laytonville Unified		100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Laytonville Continuation High	Laytonville Unified	50 Mbps	Privately owned by LEA	Laytonville High		
Mendocino	School	Laytonville High	Laytonville Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Laytonville Elementary	Laytonville Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	School	Spy Rock Elementary	Laytonville Unified	100 Mbps	Local ISP	Laytonville Unified	BIIG	
Mendocino	School	Branscomb Elementary	Laytonville Unified	100 Mbps	AT&T	Mendocino County Office of Education		
Mendocino	District	Mendocino County ROC/ROP		0				
Mendocino	School	Mendocino County ROP	Mendocino County ROC/ROP	0				
Mendocino	District	Leggett Valley Unified		10 Mbps	Local ISP	Mendocino County Office of Education		
Mendocino	School	Whale Gulch High	Leggett Valley Unified	100 Mbps	Privately owned by LEA	Whale Gulch Elementary		
Mendocino	School	Leggett Valley High	Leggett Valley Unified	1 Gbps	Privately owned by LEA	Leggett Valley Unified	BIIG	
Mendocino	School	Leggett Valley Elementary	Leggett Valley Unified	1 Gbps	Local ISP	Leggett Valley Unified		
Mendocino	School	Whale Gulch Elementary	Leggett Valley Unified	10 Mbps	Local ISP	Mendocino County Office of Education	BIIG	

Mendocino County Libraries: Sites not connected to CalREN

Site Type	Location Name	Connection Medium	Speed	Provider	CalREN Connected	Street	Qty	Zip	CAF/CAF2
Main	Mendocino County Library	DSL	5 Mbps	Sonic.net	No	105 N. Main St.	Ukiah	95482	
<<Bookmobile>>	<<Bookmobile>>	<<Bookmobile>>		<<Bookmobile>>	No	<<Bookmobile>>		<<Bookmobile>>	
Branch	Coast Community Library	Cable Modem	1.5 Mbps	Central Valley Cable	No	225 Main St.	Point Arena	95468	
Branch	Fort Bragg Branch Library	DSL	5 Mbps	MCN	No	499 Laurel St.	Ft Bragg	95437	
Branch	Round Valley Public Library	Wireless	5 Mbps	Willits Online	No	23925 Howard Street	Covelo	95428	CASF/CAF 2
Branch	Willits Branch Library	Wireless	5 Mbps	Willits Online	No	390 E Commercial St.	Willits	95490	CASF/CAF 2

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Thank You

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