



**STATE of CALIFORNIA
Wireline Broadband Deployment**

Maximum Advertised Speeds

As of December 31, 2017

County	All Households (CA DOF 1/1/2018)	Served Households and CAF II Areas (Speeds are at least 6 Mbps down AND 1 Mbps up ¹)		Unserved Households with Slow Service (Speeds less than 6 Mbps down OR 1 Mbps up)		Unserved Households with No Service (Speeds less than 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,682,653	96.7 %	88,035	0.7 %	343,152	2.6 %
Alameda	577,123	566,217	98.1 %	593	0.1 %	10,313	1.8 %
Alpine	477	448	93.9 %	0	0.0 %	29	6.1 %
Amador	14,685	14,007	95.4 %	112	0.8 %	566	3.9 %
Butte	90,962	81,690	89.8 %	1,269	1.4 %	8,003	8.8 %
Calaveras	18,290	17,238	94.2 %	236	1.3 %	816	4.5 %
Colusa	7,311	6,308	86.3 %	38	0.5 %	965	13.2 %
Contra Costa	392,185	386,808	98.6 %	107	0.0 %	5,270	1.3 %
Del Norte	9,743	9,001	92.4 %	1	0.0 %	741	7.6 %
El Dorado	74,265	68,521	92.3 %	1,451	2.0 %	4,293	5.8 %
Fresno	308,269	291,866	94.7 %	8,404	2.7 %	7,999	2.6 %
Glenn	10,098	6,393	63.3 %	1,290	12.8 %	2,415	23.9 %
Humboldt	56,939	51,061	89.7 %	835	1.5 %	5,043	8.9 %
Imperial	50,091	45,081	90.0 %	1,573	3.1 %	3,437	6.9 %
Inyo	8,094	7,715	95.3 %	13	0.2 %	366	4.5 %
Kern	270,224	262,820	97.3 %	720	0.3 %	6,684	2.5 %
Kings	43,877	38,589	87.9 %	2,414	5.5 %	2,874	6.6 %
Lake	24,594	18,695	76.0 %	2,486	10.1 %	3,413	13.9 %
Lassen	9,631	8,381	87.0 %	48	0.5 %	1,202	12.5 %
Los Angeles	3,338,658	3,299,307	98.8 %	2,367	0.1 %	36,984	1.1 %
Madera	45,217	43,478	96.2 %	221	0.5 %	1,518	3.4 %
Marin	104,591	102,996	98.5 %	348	0.3 %	1,247	1.2 %
Mariposa	7,799	6,993	89.7 %	320	4.1 %	486	6.2 %
Mendocino	35,317	29,327	83.0 %	785	2.2 %	5,205	14.7 %
Merced	80,044	75,362	94.2 %	2,543	3.2 %	2,139	2.7 %
Modoc	3,859	3,353	86.9 %	35	0.9 %	471	12.2 %
Mono	5,647	5,210	92.3 %	21	0.4 %	416	7.4 %
Monterey	126,339	114,683	90.8 %	7,525	6.0 %	4,131	3.3 %
Napa	49,281	46,291	93.9 %	585	1.2 %	2,405	4.9 %

Sources:

Broadband deployment data collected from Internet Service Providers and validated by the California Public Utilities Commission. The CPUC defines "broadband service" as Internet connectivity with download / upload speeds of at least 200 Kbps in one direction. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

Household data is based on the California Department of Finance, January 1, 2018 estimate.

¹FCC CAF II CAM 4.3 model supported Census Blocks and FCC CAF II Auction 903 public results Census Block Groups are considered served.

²Dial-up only service is included in the "No Service" category.



**STATE of CALIFORNIA
Wireline Broadband Deployment**

Maximum Advertised Speeds

As of December 31, 2017

County	All Households (CA DOF 1/1/2018)	Served Households and CAF II Areas (Speeds are at least 6 Mbps down AND 1 Mbps up ¹)		Unserved Households with Slow Service (Speeds less than 6 Mbps down OR 1 Mbps up)		Unserved Households with No Service (Speeds less than 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
Nevada	41,647	31,381	75.3 %	4,121	9.9 %	6,145	14.8 %
Orange	1,037,173	988,300	95.3 %	8,117	0.8 %	40,756	3.9 %
Placer	144,074	133,721	92.8 %	3,522	2.4 %	6,831	4.7 %
Plumas	8,570	4,613	53.8 %	26	0.3 %	3,931	45.9 %
Riverside	729,920	710,076	97.3 %	1,027	0.1 %	18,817	2.6 %
Sacramento	537,056	525,673	97.9 %	3,512	0.7 %	7,871	1.5 %
San Benito	17,830	16,809	94.3 %	244	1.4 %	777	4.4 %
San Bernardino	644,247	629,440	97.7 %	1,712	0.3 %	13,095	2.0 %
San Diego	1,139,651	1,102,809	96.8 %	2,465	0.2 %	34,377	3.0 %
San Francisco	368,186	366,714	99.6 %	168	0.0 %	1,304	0.4 %
San Joaquin	228,200	220,251	96.5 %	1,469	0.6 %	6,480	2.8 %
San Luis Obispo	107,256	101,386	94.5 %	1,486	1.4 %	4,384	4.1 %
San Mateo	265,011	263,214	99.3 %	352	0.1 %	1,445	0.5 %
Santa Barbara	148,865	146,179	98.2 %	163	0.1 %	2,523	1.7 %
Santa Clara	642,093	624,408	97.2 %	453	0.1 %	17,232	2.7 %
Santa Cruz	96,860	94,200	97.3 %	182	0.2 %	2,478	2.6 %
Shasta	72,331	61,443	84.9 %	4,401	6.1 %	6,487	9.0 %
Sierra	1,394	38	2.7 %	129	9.3 %	1,227	88.0 %
Siskiyou	19,369	15,034	77.6 %	835	4.3 %	3,500	18.1 %
Solano	148,678	143,391	96.4 %	467	0.3 %	4,820	3.2 %
Sonoma	186,676	181,377	97.2 %	910	0.5 %	4,389	2.4 %
Stanislaus	169,032	164,681	97.4 %	1,324	0.8 %	3,027	1.8 %
Sutter	32,209	29,832	92.6 %	697	2.2 %	1,680	5.2 %
Tehama	24,647	14,815	60.1 %	3,170	12.9 %	6,662	27.0 %
Trinity	5,994	4,380	73.1 %	217	3.6 %	1,397	23.3 %
Tulare	137,814	123,171	89.4 %	6,740	4.9 %	7,903	5.7 %
Tuolumne	22,189	19,796	89.2 %	472	2.1 %	1,921	8.7 %
Ventura	273,672	267,687	97.8 %	1,219	0.4 %	4,766	1.7 %
Yolo	73,629	69,794	94.8 %	644	0.9 %	3,191	4.3 %
Yuba	25,957	20,201	77.8 %	1,451	5.6 %	4,305	16.6 %

Sources:

Broadband deployment data collected from Internet Service Providers and validated by the California Public Utilities Commission. The CPUC defines "broadband service" as Internet connectivity with download / upload speeds of at least 200 Kbps in one direction. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

Household data is based on the California Department of Finance, January 1, 2018 estimate.

¹FCC CAF II CAM 4.3 model supported Census Blocks and FCC CAF II Auction 903 public results Census Block Groups are considered served.

²Dial-up only service is included in the "No Service" category.



California
Public Utilities
Commission



STATE of CALIFORNIA Wireline Broadband Deployment

Maximum Advertised Speeds

As of December 31, 2017

Consortium	All Households (CA DOF 1/1/2018)	Served Households and CAF II Areas (Speeds are at least 6 Mbps down AND 1 Mbps up ¹)		Unserved Households with Slow Service (Speeds less than 6 Mbps down OR 1 Mbps up)		Unserved Households with No Service (Speeds less than 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,682,653	96.7 %	88,035	0.7 %	343,152	2.6 %
Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,275,290	1,254,336	98.4 %	973	0.1 %	19,981	1.6 %
Broadband Consortium of the Pacific Coast	529,793	515,252	97.3 %	2,868	0.5 %	11,673	2.2 %
Central Coast Broadband Consortium	241,029	225,692	93.6 %	7,951	3.3 %	7,386	3.1 %
Central Sierra Connect Consortium	63,063	58,133	92.2 %	1,140	1.8 %	3,790	6.0 %
Connected Capital Area BB Consortium	668,851	645,500	96.5 %	6,304	0.9 %	17,047	2.5 %
East Bay Broadband Consortium	1,117,986	1,096,416	98.1 %	1,167	0.1 %	20,403	1.8 %
Eastern Sierra Connect Regional Broadband Consortium	48,648	45,770	94.1 %	215	0.4 %	2,663	5.5 %
Gold Country BB Consortium	261,757	234,010	89.4 %	9,223	3.5 %	18,524	7.1 %
• Tahoe Basin Project ³	18,725	17,903	95.6 %	441	2.4 %	381	2.0 %
Inyo / Mono Broadband Consortium ⁴	13,741	12,925	94.1 %	34	0.2 %	782	5.7 %
Inland Empire Regional BB Consortium	1,374,167	1,339,516	97.5 %	2,739	0.2 %	31,912	2.3 %
Los Angeles County Regional Broadband Consortium	3,338,658	3,299,307	98.8 %	2,367	0.1 %	36,984	1.1 %
North Bay / North Coast Broadband Consortium	375,865	359,991	95.8 %	2,628	0.7 %	13,246	3.5 %
Northeast California Connect Consortium	229,369	189,329	82.5 %	9,784	4.3 %	30,256	13.2 %
Orange County (no consortium)	1,037,173	988,300	95.3 %	8,117	0.8 %	40,756	3.9 %
Redwood Coast Connect Consortium	72,676	64,442	88.7 %	1,053	1.4 %	7,181	9.9 %
San Joaquin Valley Regional Broadband Consortium	1,234,029	1,174,448	95.2 %	23,620	1.9 %	35,961	2.9 %
Southern Border Broadband Consortium	1,189,742	1,147,890	96.5 %	4,038	0.3 %	37,814	3.2 %
Upstate California Connect Consortium	42,003	31,396	74.7 %	3,814	9.1 %	6,793	16.2 %

Sources:

Broadband deployment data collected from Internet Service Providers and validated by the California Public Utilities Commission. The CPUC defines "broadband service" as Internet connectivity with download / upload speeds of at least 200 Kbps in one direction. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

Household data is based on the California Department of Finance, January 1, 2018 estimate.

¹FCC CAF II CAM 4.3 model supported Census Blocks and FCC CAF II Auction 903 public results Census Block Groups are considered served.

²Dial-up only service is included in the "No Service" category.

³A project of the Gold Country BB Consortium. Not included in the California total. T-17550.

⁴Under Resolution T-17550 - ESCRBC maintains a three-county region even though responsibility for broadband development in Inyo and Mono counties is currently being managed by a sub-regional consortium, the Inyo Mono Broadband Consortium.



**STATE of CALIFORNIA
Wireline + Fixed Wireless Broadband
Deployment**

Maximum Advertised Speeds

As of December 31, 2017

County	All Households (CA DOF 1/1/2018)	Served Households and CAF II Areas (Speeds are at least 6 Mbps down AND 1 Mbps up ¹)		Unserved Households with Slow Service (Speeds less than 6 Mbps down OR 1 Mbps up)		Unserved Households with No Service (Speeds less than 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,762,150	97.3 %	70,647	0.5 %	281,043	2.2 %
Alameda	577,123	566,232	98.1 %	588	0.1 %	10,303	1.8 %
Alpine	477	448	93.9 %	0	0.0 %	29	6.1 %
Amador	14,685	14,007	95.4 %	169	1.2 %	509	3.5 %
Butte	90,962	88,289	97.1 %	522	0.6 %	2,151	2.4 %
Calaveras	18,290	17,656	96.5 %	213	1.2 %	421	2.3 %
Colusa	7,311	6,413	87.7 %	30	0.4 %	868	11.9 %
Contra Costa	392,185	386,808	98.6 %	107	0.0 %	5,270	1.3 %
Del Norte	9,743	9,001	92.4 %	1	0.0 %	741	7.6 %
El Dorado	74,265	71,545	96.3 %	814	1.1 %	1,906	2.6 %
Fresno	308,269	295,104	95.7 %	7,396	2.4 %	5,769	1.9 %
Glenn	10,098	8,542	84.6 %	489	4.8 %	1,067	10.6 %
Humboldt	56,939	54,123	95.1 %	355	0.6 %	2,461	4.3 %
Imperial	50,091	45,081	90.0 %	1,903	3.8 %	3,107	6.2 %
Inyo	8,094	7,722	95.4 %	13	0.2 %	359	4.4 %
Kern	270,224	263,891	97.7 %	705	0.3 %	5,628	2.1 %
Kings	43,877	39,058	89.0 %	2,308	5.3 %	2,511	5.7 %
Lake	24,594	19,571	79.6 %	2,326	9.5 %	2,697	11.0 %
Lassen	9,631	8,692	90.3 %	25	0.3 %	914	9.5 %
Los Angeles	3,338,658	3,300,348	98.9 %	1,880	0.1 %	36,430	1.1 %
Madera	45,217	44,015	97.3 %	185	0.4 %	1,017	2.2 %
Marin	104,591	103,104	98.6 %	348	0.3 %	1,139	1.1 %
Mariposa	7,799	7,267	93.2 %	98	1.3 %	434	5.6 %
Mendocino	35,317	29,967	84.9 %	652	1.8 %	4,698	13.3 %
Merced	80,044	76,530	95.6 %	2,357	2.9 %	1,157	1.4 %
Modoc	3,859	3,353	86.9 %	35	0.9 %	471	12.2 %
Mono	5,647	5,210	92.3 %	21	0.4 %	416	7.4 %
Monterey	126,339	116,512	92.2 %	6,761	5.4 %	3,066	2.4 %
Napa	49,281	48,017	97.4 %	178	0.4 %	1,086	2.2 %

Sources:

Broadband deployment data collected from Internet Service Providers and validated by the California Public Utilities Commission. The CPUC defines "broadband service" as Internet connectivity with download / upload speeds of at least 200 Kbps in one direction. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

Household data is based on the California Department of Finance, January 1, 2018 estimate.

¹FCC CAF II CAM 4.3 model supported Census Blocks and FCC CAF II Auction 903 public results Census Block Groups are considered served.

²Dial-up only service is included in the "No Service" category.



**California
Public Utilities
Commission**



**STATE of CALIFORNIA
Wireline + Fixed Wireless Broadband
Deployment**

Maximum Advertised Speeds

As of December 31, 2017

County	All Households (CA DOF 1/1/2018)	Served Households and CAF II Areas (Speeds are at least 6 Mbps down AND 1 Mbps up ¹)		Unserved Households with Slow Service (Speeds less than 6 Mbps down OR 1 Mbps up)		Unserved Households with No Service (Speeds less than 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
Nevada	41,647	39,401	94.6 %	809	1.9 %	1,437	3.5 %
Orange	1,037,173	988,571	95.3 %	7,889	0.8 %	40,713	3.9 %
Placer	144,074	138,517	96.1 %	2,176	1.5 %	3,381	2.3 %
Plumas	8,570	7,841	91.5 %	34	0.4 %	695	8.1 %
Riverside	729,920	710,189	97.3 %	1,041	0.1 %	18,690	2.6 %
Sacramento	537,056	526,554	98.0 %	2,805	0.5 %	7,697	1.4 %
San Benito	17,830	17,413	97.7 %	31	0.2 %	386	2.2 %
San Bernardino	644,247	629,528	97.7 %	3,066	0.5 %	11,653	1.8 %
San Diego	1,139,651	1,103,286	96.8 %	2,413	0.2 %	33,952	3.0 %
San Francisco	368,186	366,850	99.6 %	32	0.0 %	1,304	0.4 %
San Joaquin	228,200	222,688	97.6 %	808	0.4 %	4,704	2.1 %
San Luis Obispo	107,256	101,990	95.1 %	1,997	1.9 %	3,269	3.0 %
San Mateo	265,011	263,253	99.3 %	340	0.1 %	1,418	0.5 %
Santa Barbara	148,865	146,179	98.2 %	163	0.1 %	2,523	1.7 %
Santa Clara	642,093	625,168	97.4 %	376	0.1 %	16,549	2.6 %
Santa Cruz	96,860	94,314	97.4 %	206	0.2 %	2,340	2.4 %
Shasta	72,331	65,311	90.3 %	2,973	4.1 %	4,047	5.6 %
Sierra	1,394	723	51.9 %	146	10.5 %	525	37.7 %
Siskiyou	19,369	16,404	84.7 %	717	3.7 %	2,248	11.6 %
Solano	148,678	144,933	97.5 %	126	0.1 %	3,619	2.4 %
Sonoma	186,676	181,849	97.4 %	895	0.5 %	3,932	2.1 %
Stanislaus	169,032	166,077	98.3 %	926	0.5 %	2,029	1.2 %
Sutter	32,209	31,222	96.9 %	236	0.7 %	751	2.3 %
Tehama	24,647	21,814	88.5 %	1,511	6.1 %	1,322	5.4 %
Trinity	5,994	5,047	84.2 %	133	2.2 %	814	13.6 %
Tulare	137,814	126,539	91.8 %	6,091	4.4 %	5,184	3.8 %
Tuolumne	22,189	20,883	94.1 %	173	0.8 %	1,133	5.1 %
Ventura	273,672	268,008	97.9 %	1,180	0.4 %	4,484	1.6 %
Yolo	73,629	70,597	95.9 %	438	0.6 %	2,594	3.5 %
Yuba	25,957	24,495	94.4 %	437	1.7 %	1,025	3.9 %

Sources:

Broadband deployment data collected from Internet Service Providers and validated by the California Public Utilities Commission. The CPUC defines "broadband service" as Internet connectivity with download / upload speeds of at least 200 Kbps in one direction. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

Household data is based on the California Department of Finance, January 1, 2018 estimate.

¹FCC CAF II CAM 4.3 model supported Census Blocks and FCC CAF II Auction 903 public results Census Block Groups are considered served.

²Dial-up only service is included in the "No Service" category.



**California
Public Utilities
Commission**



STATE of CALIFORNIA Wireline + Fixed Wireless Broadband Deployment

Maximum Advertised Speeds

As of December 31, 2017

Consortium	All Households (CA DOF 1/1/2018)	Served Households and CAF II Areas (Speeds are at least 6 Mbps down AND 1 Mbps up ¹)		Unserved Households with Slow Service (Speeds less than 6 Mbps down OR 1 Mbps up)		Unserved Households with No Service (Speeds less than 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,762,150	97.3 %	70,647	0.5 %	281,043	2.2 %
Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,275,290	1,255,271	98.4 %	748	0.1 %	19,271	1.5 %
Broadband Consortium of the Pacific Coast	529,793	516,177	97.4 %	3,340	0.6 %	10,276	1.9 %
Central Coast Broadband Consortium	241,029	228,239	94.7 %	6,998	2.9 %	5,792	2.4 %
Central Sierra Connect Consortium	63,063	59,912	95.0 %	653	1.0 %	2,498	4.0 %
Connected Capital Area BB Consortium	668,851	652,868	97.6 %	3,916	0.6 %	12,067	1.8 %
East Bay Broadband Consortium	1,117,986	1,097,973	98.2 %	821	0.1 %	19,192	1.7 %
Eastern Sierra Connect Regional Broadband Consortium	48,648	46,408	95.4 %	215	0.4 %	2,025	4.2 %
Gold Country BB Consortium	261,757	250,535	95.7 %	3,945	1.5 %	7,277	2.8 %
• Tahoe Basin Project ³	18,725	17,911	95.7 %	441	2.4 %	373	2.0 %
Inyo / Mono Broadband Consortium	13,741	12,932	94.1 %	34	0.2 %	775	5.6 %
Inland Empire Regional BB Consortium	1,374,167	1,339,717	97.5 %	4,107	0.3 %	30,343	2.2 %
Los Angeles County Regional Broadband Consortium	3,338,658	3,300,348	98.9 %	1,880	0.1 %	36,430	1.1 %
North Bay / North Coast Broadband Consortium	375,865	362,937	96.6 %	2,073	0.6 %	10,855	2.9 %
Northeast California Connect Consortium	229,369	211,704	92.3 %	5,817	2.5 %	11,848	5.2 %
Orange County (no consortium)	1,037,173	988,571	95.3 %	7,889	0.8 %	40,713	3.9 %
Redwood Coast Connect Consortium	72,676	68,171	93.8 %	489	0.7 %	4,016	5.5 %
San Joaquin Valley Regional Broadband Consortium	1,234,029	1,187,494	96.2 %	20,561	1.7 %	25,974	2.1 %
Southern Border Broadband Consortium	1,189,742	1,148,367	96.5 %	4,316	0.4 %	37,059	3.1 %
Upstate California Connect Consortium	42,003	34,526	82.2 %	2,845	6.8 %	4,632	11.0 %

Sources:

Broadband deployment data collected from Internet Service Providers and validated by the California Public Utilities Commission. The CPUC defines "broadband service" as Internet connectivity with download / upload speeds of at least 200 Kbps in one direction. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

Household data is based on the California Department of Finance, January 1, 2018 estimate.

¹FCC CAF II CAM 4.3 model supported Census Blocks and FCC CAF II Auction 903 public results Census Block Groups are considered served.

²Dial-up only service is included in the "No Service" category.

³A project of the Gold Country BB Consortium. Not included in the California total. T-17550.

⁴Under Resolution T-17550 - ESCRBC maintains a three-county region even though responsibility for broadband development in Inyo and Mono counties is currently being managed by a sub-regional consortium, the Inyo Mono Broadband Consortium.