



**STATE of CALIFORNIA
Wireline Broadband Deployment**

**Maximum Advertised Speeds
As of December 31, 2016**

County	All Households (CA DOF 1/1/2017)	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 768 Kbps down OR 200 Kbps up, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,020,413	12,656,536	97.2 %	82,701	0.6 %	281,176	2.2 %
Alameda	572,218	565,450	98.8 %	682	0.1 %	6,086	1.1 %
Alpine	494	469	94.9 %	0	0.0 %	25	5.1 %
Amador	14,471	14,097	97.4 %	39	0.3 %	335	2.3 %
Butte	89,270	80,569	90.3 %	954	1.1 %	7,747	8.7 %
Calaveras	19,007	17,529	92.2 %	169	0.9 %	1,309	6.9 %
Colusa	7,264	6,574	90.5 %	0	0.0 %	690	9.5 %
Contra Costa	394,339	390,897	99.1 %	1,674	0.4 %	1,768	0.4 %
Del Norte	9,777	9,183	93.9 %	0	0.0 %	594	6.1 %
El Dorado	70,769	65,725	92.9 %	1,180	1.7 %	3,864	5.5 %
Fresno	304,946	296,283	97.2 %	1,768	0.6 %	6,895	2.3 %
Glenn	10,079	6,925	68.7 %	1,002	9.9 %	2,152	21.4 %
Humboldt	56,409	49,253	87.3 %	1,282	2.3 %	5,874	10.4 %
Imperial	50,103	46,575	93.0 %	534	1.1 %	2,994	6.0 %
Inyo	8,009	7,485	93.5 %	0	0.0 %	524	6.5 %
Kern	266,963	258,558	96.9 %	823	0.3 %	7,582	2.8 %
Kings	42,506	39,847	93.7 %	265	0.6 %	2,394	5.6 %
Lake	26,688	22,553	84.5 %	1,297	4.9 %	2,838	10.6 %
Lassen	9,765	8,710	89.2 %	0	0.0 %	1,055	10.8 %
Los Angeles	3,326,188	3,289,647	98.9 %	8,847	0.3 %	27,694	0.8 %
Madera	44,462	42,623	95.9 %	346	0.8 %	1,493	3.4 %
Marin	103,250	102,006	98.8 %	345	0.3 %	899	0.9 %
Mariposa	7,891	7,183	91.0 %	293	3.7 %	415	5.3 %
Mendocino	34,300	28,626	83.5 %	611	1.8 %	5,063	14.8 %
Merced	80,008	76,721	95.9 %	554	0.7 %	2,733	3.4 %
Modoc	4,085	3,423	83.8 %	0	0.0 %	662	16.2 %
Mono	5,901	4,885	82.8 %	0	0.0 %	1,016	17.2 %
Monterey	126,528	119,137	94.2 %	3,687	2.9 %	3,704	2.9 %
Napa	50,252	46,971	93.5 %	978	1.9 %	2,303	4.6 %

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 768 Kbps / 200 Kbps. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

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¹Eligible Census Blocks that contain supported locations in the FCC CAF II CAM 4.3 model are considered served.

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**STATE of CALIFORNIA
Wireline Broadband Availability**

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		Number	Percent	Number	Percent	Number	Percent
Nevada	40,775	30,567	75.0 %	3,385	8.3 %	6,823	16.7 %
Orange	1,030,164	992,708	96.4 %	13,314	1.3 %	24,142	2.3 %
Placer	141,842	133,473	94.1 %	2,159	1.5 %	6,210	4.4 %
Plumas	8,732	3,696	42.3 %	39	0.4 %	4,997	57.2 %
Riverside	717,750	700,860	97.6 %	660	0.1 %	16,230	2.3 %
Sacramento	530,116	522,127	98.5 %	3,344	0.6 %	4,645	0.9 %
San Benito	17,619	16,330	92.7 %	418	2.4 %	871	4.9 %
San Bernardino	632,011	617,682	97.7 %	1,255	0.2 %	13,074	2.1 %
San Diego	1,133,723	1,104,323	97.4 %	7,348	0.6 %	22,052	1.9 %
San Francisco	365,755	364,729	99.7 %	437	0.1 %	589	0.2 %
San Joaquin	228,875	221,375	96.7 %	1,518	0.7 %	5,982	2.6 %
San Luis Obispo	104,878	99,583	95.0 %	1,168	1.1 %	4,127	3.9 %
San Mateo	262,752	260,427	99.1 %	1,241	0.5 %	1,084	0.4 %
Santa Barbara	146,698	144,551	98.5 %	715	0.5 %	1,432	1.0 %
Santa Clara	632,566	618,162	97.7 %	3,537	0.6 %	10,867	1.7 %
Santa Cruz	97,275	94,635	97.3 %	685	0.7 %	1,955	2.0 %
Shasta	70,860	61,582	86.9 %	2,592	3.7 %	6,686	9.4 %
Sierra	1,452	235	16.2 %	4	0.3 %	1,213	83.5 %
Siskiyou	19,479	15,333	78.7 %	286	1.5 %	3,860	19.8 %
Solano	148,216	142,815	96.4 %	864	0.6 %	4,537	3.1 %
Sonoma	191,560	186,643	97.4 %	905	0.5 %	4,012	2.1 %
Stanislaus	168,646	164,433	97.5 %	1,234	0.7 %	2,979	1.8 %
Sutter	31,709	29,731	93.8 %	538	1.7 %	1,440	4.5 %
Tehama	24,046	14,740	61.3 %	2,018	8.4 %	7,288	30.3 %
Trinity	5,818	4,203	72.2 %	235	4.0 %	1,380	23.7 %
Tulare	135,847	125,468	92.4 %	2,346	1.7 %	8,033	5.9 %
Tuolumne	22,319	19,070	85.4 %	447	2.0 %	2,802	12.6 %
Ventura	273,909	268,331	98.0 %	1,118	0.4 %	4,460	1.6 %
Yolo	73,143	69,806	95.4 %	614	0.8 %	2,723	3.7 %
Yuba	25,936	21,014	81.0 %	947	3.7 %	3,975	15.3 %

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 768 Kbps / 200 Kbps. Such service is considered "available" if the provider can provision new requests for service within 10 business days.

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California
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STATE of CALIFORNIA Wireline Broadband Deployment

Maximum Advertised Speeds

As of December 31, 2016

Consortium	All Households (CA DOF 1/1/2017)	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 768 Kbps down OR 200 Kbps up, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,020,413	12,656,536	97.2 %	82,701	0.6 %	281,176	2.2 %
Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,261,073	1,243,318	98.6 %	5,215	0.4 %	12,540	1.0 %
Broadband Consortium of the Pacific Coast	525,485	512,465	97.5 %	3,001	0.6 %	10,019	1.9 %
Central Coast Broadband Consortium	241,422	230,102	95.3 %	4,790	2.0 %	6,530	2.7 %
Central Sierra Connect Consortium	63,791	57,981	90.9 %	948	1.5 %	4,862	7.6 %
Connected Capital Area BB Consortium	660,904	642,678	97.2 %	5,443	0.8 %	12,783	1.9 %
East Bay Broadband Consortium	1,114,773	1,099,162	98.6 %	3,220	0.3 %	12,391	1.1 %
Eastern Sierra Connect Regional Broadband Consortium	47,866	43,993	91.9 %	479	1.0 %	3,394	7.1 %
Gold Country BB Consortium	255,229	230,367	90.3 %	6,728	2.6 %	18,134	7.1 %
• Tahoe Basin Project ³	17,669	16,607	94.0 %	599	3.4 %	463	2.6 %
Inyo / Mono BB Consortium ⁴	13,910	12,370	88.9 %	0	0.0 %	1,540	11.1 %
Inland Empire Regional BB Consortium	1,349,761	1,318,542	97.7 %	1,915	0.1 %	29,304	2.2 %
Los Angeles County Regional Broadband Consortium	3,326,188	3,289,647	98.9 %	8,847	0.3 %	27,694	0.8 %
North Bay / North Coast Broadband Consortium	379,362	364,246	96.0 %	2,839	0.7 %	12,277	3.2 %
Northeast California Connect Consortium	226,237	188,053	83.1 %	5,889	2.6 %	32,295	14.3 %
Orange County (no consortium)	1,030,164	992,708	96.4 %	13,314	1.3 %	24,142	2.3 %
Redwood Coast Connect Consortium	72,004	62,639	87.0 %	1,517	2.1 %	7,848	10.9 %
San Joaquin Valley Regional Broadband Consortium	1,224,387	1,181,315	96.5 %	8,375	0.7 %	34,697	2.8 %
Southern Border Broadband Consortium	1,183,826	1,150,898	97.2 %	7,882	0.7 %	25,046	2.1 %
Upstate California Connect Consortium	44,031	36,052	81.9 %	2,299	5.2 %	5,680	12.9 %

Sources:

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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.



County	All Households (CA DOF 1/1/2017)	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 768 Kbps down OR 200 Kbps up, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,020,413	12,839,197	98.6 %	46,207	0.4 %	135,009	1.0 %
Alameda	572,218	571,126	99.8 %	87	0.0 %	1,005	0.2 %
Alpine	494	469	94.9 %	0	0.0 %	25	5.1 %
Amador	14,471	14,409	99.6 %	19	0.1 %	43	0.3 %
Butte	89,270	88,094	98.7 %	163	0.2 %	1,013	1.1 %
Calaveras	19,007	18,685	98.3 %	12	0.1 %	310	1.6 %
Colusa	7,264	7,068	97.3 %	0	0.0 %	196	2.7 %
Contra Costa	394,339	391,298	99.2 %	1,556	0.4 %	1,485	0.4 %
Del Norte	9,777	9,183	93.9 %	0	0.0 %	594	6.1 %
El Dorado	70,769	69,665	98.4 %	795	1.1 %	309	0.4 %
Fresno	304,946	303,643	99.6 %	618	0.2 %	685	0.2 %
Glenn	10,079	9,943	98.7 %	0	0.0 %	136	1.3 %
Humboldt	56,409	55,413	98.2 %	105	0.2 %	891	1.6 %
Imperial	50,103	46,575	93.0 %	1,276	2.5 %	2,252	4.5 %
Inyo	8,009	7,505	93.7 %	0	0.0 %	504	6.3 %
Kern	266,963	263,193	98.6 %	646	0.2 %	3,124	1.2 %
Kings	42,506	42,114	99.1 %	1	0.0 %	391	0.9 %
Lake	26,688	25,652	96.1 %	309	1.2 %	727	2.7 %
Lassen	9,765	9,393	96.2 %	0	0.0 %	372	3.8 %
Los Angeles	3,326,188	3,292,503	99.0 %	8,551	0.3 %	25,134	0.8 %
Madera	44,462	44,235	99.5 %	37	0.1 %	190	0.4 %
Marin	103,250	102,339	99.1 %	344	0.3 %	567	0.5 %
Mariposa	7,891	7,648	96.9 %	6	0.1 %	237	3.0 %
Mendocino	34,300	31,105	90.7 %	261	0.8 %	2,934	8.6 %
Merced	80,008	79,951	99.9 %	30	0.0 %	27	0.0 %
Modoc	4,085	3,423	83.8 %	0	0.0 %	662	16.2 %
Mono	5,901	4,885	82.8 %	0	0.0 %	1,016	17.2 %
Monterey	126,528	120,209	95.0 %	3,518	2.8 %	2,801	2.2 %
Napa	50,252	49,357	98.2 %	218	0.4 %	677	1.3 %

Sources:

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

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County	All Households (CA DOF 1/1/2017)	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 768 Kbps down OR 200 Kbps up, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
Nevada	40,775	40,387	99.0 %	164	0.4 %	224	0.5 %
Orange	1,030,164	994,110	96.5 %	13,206	1.3 %	22,848	2.2 %
Placer	141,842	141,318	99.6 %	258	0.2 %	266	0.2 %
Plumas	8,732	8,548	97.9 %	0	0.0 %	184	2.1 %
Riverside	717,750	703,429	98.0 %	512	0.1 %	13,809	1.9 %
Sacramento	530,116	529,360	99.9 %	442	0.1 %	314	0.1 %
San Benito	17,619	16,739	95.0 %	491	2.8 %	389	2.2 %
San Bernardino	632,011	618,822	97.9 %	917	0.1 %	12,272	1.9 %
San Diego	1,133,723	1,109,610	97.9 %	5,410	0.5 %	18,703	1.6 %
San Francisco	365,755	365,521	99.9 %	59	0.0 %	175	0.0 %
San Joaquin	228,875	228,603	99.9 %	101	0.0 %	171	0.1 %
San Luis Obispo	104,878	101,456	96.7 %	1,545	1.5 %	1,877	1.8 %
San Mateo	262,752	262,087	99.7 %	309	0.1 %	356	0.1 %
Santa Barbara	146,698	144,551	98.5 %	721	0.5 %	1,426	1.0 %
Santa Clara	632,566	632,101	99.9 %	155	0.0 %	310	0.0 %
Santa Cruz	97,275	96,308	99.0 %	362	0.4 %	605	0.6 %
Shasta	70,860	70,008	98.8 %	36	0.1 %	816	1.2 %
Sierra	1,452	1,127	77.6 %	4	0.3 %	321	22.1 %
Siskiyou	19,479	17,935	92.1 %	29	0.1 %	1,515	7.8 %
Solano	148,216	147,035	99.2 %	173	0.1 %	1,008	0.7 %
Sonoma	191,560	188,864	98.6 %	558	0.3 %	2,138	1.1 %
Stanislaus	168,646	168,445	99.9 %	17	0.0 %	184	0.1 %
Sutter	31,709	31,680	99.9 %	0	0.0 %	29	0.1 %
Tehama	24,046	23,816	99.0 %	0	0.0 %	230	1.0 %
Trinity	5,818	5,298	91.1 %	69	1.2 %	451	7.8 %
Tulare	135,847	134,042	98.7 %	898	0.7 %	907	0.7 %
Tuolumne	22,319	21,715	97.3 %	82	0.4 %	522	2.3 %
Ventura	273,909	268,331	98.0 %	1,118	0.4 %	4,460	1.6 %
Yolo	73,143	72,993	99.8 %	15	0.0 %	135	0.2 %
Yuba	25,936	25,875	99.8 %	4	0.0 %	57	0.2 %

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Broadband Consortium of the Pacific Coast	525,485	514,338	97.9 %	3,384	0.6 %	7,763	1.5 %
Central Coast Broadband Consortium	241,422	233,256	96.6 %	4,371	1.8 %	3,795	1.6 %
Central Sierra Connect Consortium	63,791	62,559	98.1 %	119	0.2 %	1,113	1.7 %
Connected Capital Area BB Consortium	660,904	659,908	99.8 %	461	0.1 %	535	0.1 %
East Bay Broadband Consortium	1,114,773	1,109,459	99.5 %	1,816	0.2 %	3,498	0.3 %
Eastern Sierra Connect Regional Broadband Consortium	47,866	45,324	94.7 %	485	1.0 %	2,057	4.3 %
Gold Country BB Consortium	255,229	252,864	99.1 %	1,221	0.5 %	1,144	0.4 %
• Tahoe Basin Project ³	17,669	16,668	94.3 %	620	3.5 %	381	2.2 %
Inyo / Mono BB Consortium ⁴	13,910	12,390	89.1 %	0	0.0 %	1,520	10.9 %
Inland Empire Regional BB Consortium	1,349,761	1,322,251	98.0 %	1,429	0.1 %	26,081	1.9 %
Los Angeles County Regional Broadband Consortium	3,326,188	3,292,503	99.0 %	8,551	0.3 %	25,134	0.8 %
North Bay / North Coast Broadband Consortium	379,362	371,665	98.0 %	1,381	0.4 %	6,316	1.7 %
Northeast California Connect Consortium	226,237	221,217	97.8 %	228	0.1 %	4,792	2.1 %
Orange County (no consortium)	1,030,164	994,110	96.5 %	13,206	1.3 %	22,848	2.2 %
Redwood Coast Connect Consortium	72,004	69,894	97.1 %	174	0.2 %	1,936	2.7 %
San Joaquin Valley Regional Broadband Consortium	1,224,387	1,218,902	99.6 %	1,863	0.2 %	3,622	0.3 %
Southern Border Broadband Consortium	1,183,826	1,156,185	97.7 %	6,686	0.6 %	20,955	1.8 %
Upstate California Connect Consortium	44,031	42,663	96.9 %	309	0.7 %	1,059	2.4 %

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