



**STATE of CALIFORNIA
Wireline Broadband Deployment**

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

County	All Households (CA DOF 1/1/2017)	Served Households (Speeds are at least 6 Mbps down AND 1 Mbps up)		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	12,494,995	96.0 %	107,564	0.8 %	417,854	3.2 %
Alameda	572,218	564,807	98.7 %	806	0.1 %	6,605	1.2 %
Alpine	494	365	73.9 %	0	0.0 %	129	26.1 %
Amador	14,471	12,652	87.4 %	485	3.4 %	1,334	9.2 %
Butte	89,270	80,395	90.1 %	954	1.1 %	7,921	8.9 %
Calaveras	19,007	15,198	80.0 %	530	2.8 %	3,279	17.3 %
Colusa	7,264	6,329	87.1 %	0	0.0 %	935	12.9 %
Contra Costa	394,339	390,279	99.0 %	1,903	0.5 %	2,157	0.5 %
Del Norte	9,777	8,987	91.9 %	0	0.0 %	790	8.1 %
El Dorado	70,769	55,658	78.6 %	2,433	3.4 %	12,678	17.9 %
Fresno	304,946	284,263	93.2 %	3,225	1.1 %	17,458	5.7 %
Glenn	10,079	6,801	67.5 %	1,002	9.9 %	2,276	22.6 %
Humboldt	56,409	45,062	79.9 %	1,629	2.9 %	9,718	17.2 %
Imperial	50,103	44,660	89.1 %	698	1.4 %	4,745	9.5 %
Inyo	8,009	6,404	80.0 %	0	0.0 %	1,605	20.0 %
Kern	266,963	250,449	93.8 %	2,112	0.8 %	14,402	5.4 %
Kings	42,506	37,645	88.6 %	449	1.1 %	4,412	10.4 %
Lake	26,688	22,484	84.2 %	1,297	4.9 %	2,907	10.9 %
Lassen	9,765	8,471	86.7 %	0	0.0 %	1,294	13.3 %
Los Angeles	3,326,188	3,285,484	98.8 %	9,408	0.3 %	31,296	0.9 %
Madera	44,462	39,701	89.3 %	671	1.5 %	4,090	9.2 %
Marin	103,250	101,157	98.0 %	516	0.5 %	1,577	1.5 %
Mariposa	7,891	5,755	72.9 %	497	6.3 %	1,639	20.8 %
Mendocino	34,300	23,968	69.9 %	821	2.4 %	9,511	27.7 %
Merced	80,008	71,353	89.2 %	1,233	1.5 %	7,422	9.3 %
Modoc	4,085	2,823	69.1 %	0	0.0 %	1,262	30.9 %
Mono	5,901	3,712	62.9 %	0	0.0 %	2,189	37.1 %
Monterey	126,528	112,214	88.7 %	6,912	5.5 %	7,402	5.9 %
Napa	50,252	46,887	93.3 %	978	1.9 %	2,387	4.8 %

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.
Household data is based on the California Department of Finance, January 1, 2017 estimate.

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		Number	Percent	Number	Percent	Number	Percent
Nevada	40,775	29,611	72.6 %	3,563	8.7 %	7,601	18.6 %
Orange	1,030,164	992,657	96.4 %	13,316	1.3 %	24,191	2.3 %
Placer	141,842	129,782	91.5 %	3,100	2.2 %	8,960	6.3 %
Plumas	8,732	3,654	41.8 %	39	0.4 %	5,039	57.7 %
Riverside	717,750	690,745	96.2 %	767	0.1 %	26,238	3.7 %
Sacramento	530,116	521,039	98.3 %	3,881	0.7 %	5,196	1.0 %
San Benito	17,619	14,489	82.2 %	963	5.5 %	2,167	12.3 %
San Bernardino	632,011	605,109	95.7 %	1,284	0.2 %	25,618	4.1 %
San Diego	1,133,723	1,092,885	96.4 %	10,928	1.0 %	29,910	2.6 %
San Francisco	365,755	364,706	99.7 %	451	0.1 %	598	0.2 %
San Joaquin	228,875	215,368	94.1 %	2,580	1.1 %	10,927	4.8 %
San Luis Obispo	104,878	92,930	88.6 %	2,119	2.0 %	9,829	9.4 %
San Mateo	262,752	259,883	98.9 %	1,277	0.5 %	1,592	0.6 %
Santa Barbara	146,698	142,846	97.4 %	718	0.5 %	3,134	2.1 %
Santa Clara	632,566	616,094	97.4 %	4,233	0.7 %	12,239	1.9 %
Santa Cruz	97,275	93,523	96.1 %	733	0.8 %	3,019	3.1 %
Shasta	70,860	61,406	86.7 %	2,592	3.7 %	6,862	9.7 %
Sierra	1,452	196	13.5 %	4	0.3 %	1,252	86.2 %
Siskiyou	19,479	15,166	77.9 %	286	1.5 %	4,027	20.7 %
Solano	148,216	142,753	96.3 %	865	0.6 %	4,598	3.1 %
Sonoma	191,560	185,028	96.6 %	1,055	0.6 %	5,477	2.9 %
Stanislaus	168,646	159,378	94.5 %	2,551	1.5 %	6,717	4.0 %
Sutter	31,709	29,297	92.4 %	685	2.2 %	1,727	5.4 %
Tehama	24,046	14,718	61.2 %	2,018	8.4 %	7,310	30.4 %
Trinity	5,818	1,374	23.6 %	235	4.0 %	4,209	72.3 %
Tulare	135,847	113,593	83.6 %	4,837	3.6 %	17,417	12.8 %
Tuolumne	22,319	16,001	71.7 %	931	4.2 %	5,387	24.1 %
Ventura	273,909	266,415	97.3 %	1,210	0.4 %	6,284	2.3 %
Yolo	73,143	69,539	95.1 %	747	1.0 %	2,857	3.9 %
Yuba	25,936	20,847	80.4 %	1,037	4.0 %	4,052	15.6 %

Sources:

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STATE of CALIFORNIA Wireline Broadband Deployment

Maximum Advertised Speeds

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Consortium	All Households (CA DOF 1/1/2017)	Served Households (Speeds are at least 6 Mbps down AND 1 Mbps up)		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	12,494,995	96.0 %	107,564	0.8 %	417,854	3.2 %
Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,261,073	1,240,683	98.4 %	5,961	0.5 %	14,429	1.1 %
Broadband Consortium of the Pacific Coast	525,485	502,191	95.6 %	4,047	0.8 %	19,247	3.7 %
Central Coast Broadband Consortium	241,422	220,226	91.2 %	8,608	3.6 %	12,588	5.2 %
Central Sierra Connect Consortium	63,791	49,707	77.9 %	2,443	3.8 %	11,641	18.2 %
Connected Capital Area BB Consortium	660,904	640,722	96.9 %	6,350	1.0 %	13,832	2.1 %
East Bay Broadband Consortium	1,114,773	1,097,839	98.5 %	3,574	0.3 %	13,360	1.2 %
Eastern Sierra Connect Regional Broadband Consortium	47,866	39,093	81.7 %	1,400	2.9 %	7,373	15.4 %
Gold Country BB Consortium	255,229	215,511	84.4 %	9,100	3.6 %	30,618	12.0 %
• Tahoe Basin Project ³	17,669	16,457	93.1 %	645	3.7 %	567	3.2 %
Inyo / Mono Broadband Consortium ⁴	13,910	10,116	72.7 %	0	0.0 %	3,794	27.3 %
Inland Empire Regional BB Consortium	1,349,761	1,295,854	96.0 %	2,051	0.2 %	51,856	3.8 %
Los Angeles County Regional Broadband Consortium	3,326,188	3,285,484	98.8 %	9,408	0.3 %	31,296	0.9 %
North Bay / North Coast Broadband Consortium	379,362	357,040	94.1 %	3,370	0.9 %	18,952	5.0 %
Northeast California Connect Consortium	226,237	186,633	82.5 %	5,889	2.6 %	33,715	14.9 %
Orange County (no consortium)	1,030,164	992,657	96.4 %	13,316	1.3 %	24,191	2.3 %
Redwood Coast Connect Consortium	72,004	55,423	77.0 %	1,864	2.6 %	14,717	20.4 %
San Joaquin Valley Regional Broadband Consortium	1,224,387	1,132,657	92.5 %	16,258	1.3 %	75,472	6.2 %
Southern Border Broadband Consortium	1,183,826	1,137,545	96.1 %	11,626	1.0 %	34,655	2.9 %
Upstate California Connect Consortium	44,031	35,614	80.9 %	2,299	5.2 %	6,118	13.9 %

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.



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

Maximum Advertised Speeds

As of December 31, 2016

County	All Households (CA DOF 1/1/2017)	Served Households (Speeds are at least 6 Mbps down AND 1 Mbps up)		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	12,757,497	98.0 %	59,296	0.5 %	203,620	1.6 %
Alameda	572,218	570,786	99.7 %	197	0.0 %	1,235	0.2 %
Alpine	494	365	73.9 %	0	0.0 %	129	26.1 %
Amador	14,471	14,301	98.8 %	58	0.4 %	112	0.8 %
Butte	89,270	87,988	98.6 %	163	0.2 %	1,119	1.3 %
Calaveras	19,007	17,534	92.3 %	124	0.7 %	1,349	7.1 %
Colusa	7,264	6,836	94.1 %	0	0.0 %	428	5.9 %
Contra Costa	394,339	390,757	99.1 %	1,746	0.4 %	1,836	0.5 %
Del Norte	9,777	8,987	91.9 %	0	0.0 %	790	8.1 %
El Dorado	70,769	68,345	96.6 %	1,817	2.6 %	607	0.9 %
Fresno	304,946	301,793	99.0 %	667	0.2 %	2,486	0.8 %
Glenn	10,079	9,819	97.4 %	0	0.0 %	260	2.6 %
Humboldt	56,409	54,682	96.9 %	341	0.6 %	1,386	2.5 %
Imperial	50,103	44,660	89.1 %	1,940	3.9 %	3,503	7.0 %
Inyo	8,009	6,734	84.1 %	0	0.0 %	1,275	15.9 %
Kern	266,963	257,704	96.5 %	1,649	0.6 %	7,610	2.9 %
Kings	42,506	42,073	99.0 %	1	0.0 %	432	1.0 %
Lake	26,688	25,583	95.9 %	309	1.2 %	796	3.0 %
Lassen	9,765	9,188	94.1 %	0	0.0 %	577	5.9 %
Los Angeles	3,326,188	3,288,357	98.9 %	9,109	0.3 %	28,722	0.9 %
Madera	44,462	44,108	99.2 %	82	0.2 %	272	0.6 %
Marin	103,250	101,515	98.3 %	515	0.5 %	1,220	1.2 %
Mariposa	7,891	7,348	93.1 %	14	0.2 %	529	6.7 %
Mendocino	34,300	27,347	79.7 %	280	0.8 %	6,673	19.5 %
Merced	80,008	79,657	99.6 %	244	0.3 %	107	0.1 %
Modoc	4,085	2,823	69.1 %	0	0.0 %	1,262	30.9 %
Mono	5,901	3,712	62.9 %	0	0.0 %	2,189	37.1 %
Monterey	126,528	114,238	90.3 %	6,098	4.8 %	6,192	4.9 %
Napa	50,252	49,352	98.2 %	218	0.4 %	682	1.4 %

Sources:

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		Number	Percent	Number	Percent	Number	Percent
Nevada	40,775	40,189	98.6 %	217	0.5 %	369	0.9 %
Orange	1,030,164	994,063	96.5 %	13,206	1.3 %	22,895	2.2 %
Placer	141,842	141,205	99.6 %	304	0.2 %	333	0.2 %
Plumas	8,732	8,511	97.5 %	0	0.0 %	221	2.5 %
Riverside	717,750	693,984	96.7 %	626	0.1 %	23,140	3.2 %
Sacramento	530,116	529,314	99.8 %	457	0.1 %	345	0.1 %
San Benito	17,619	15,366	87.2 %	1,390	7.9 %	863	4.9 %
San Bernardino	632,011	606,374	95.9 %	946	0.1 %	24,691	3.9 %
San Diego	1,133,723	1,100,396	97.1 %	7,487	0.7 %	25,840	2.3 %
San Francisco	365,755	365,513	99.9 %	59	0.0 %	183	0.1 %
San Joaquin	228,875	227,940	99.6 %	430	0.2 %	505	0.2 %
San Luis Obispo	104,878	97,820	93.3 %	2,504	2.4 %	4,554	4.3 %
San Mateo	262,752	261,566	99.5 %	339	0.1 %	847	0.3 %
Santa Barbara	146,698	142,846	97.4 %	730	0.5 %	3,122	2.1 %
Santa Clara	632,566	631,598	99.8 %	333	0.1 %	635	0.1 %
Santa Cruz	97,275	95,509	98.2 %	462	0.5 %	1,304	1.3 %
Shasta	70,860	69,883	98.6 %	36	0.1 %	941	1.3 %
Sierra	1,452	1,088	74.9 %	4	0.3 %	360	24.8 %
Siskiyou	19,479	17,768	91.2 %	29	0.1 %	1,682	8.6 %
Solano	148,216	147,012	99.2 %	175	0.1 %	1,029	0.7 %
Sonoma	191,560	187,394	97.8 %	651	0.3 %	3,515	1.8 %
Stanislaus	168,646	168,217	99.7 %	17	0.0 %	412	0.2 %
Sutter	31,709	31,680	99.9 %	0	0.0 %	29	0.1 %
Tehama	24,046	23,798	99.0 %	0	0.0 %	248	1.0 %
Trinity	5,818	4,445	76.4 %	69	1.2 %	1,304	22.4 %
Tulare	135,847	130,803	96.3 %	1,924	1.4 %	3,120	2.3 %
Tuolumne	22,319	21,388	95.8 %	98	0.4 %	833	3.7 %
Ventura	273,909	266,415	97.3 %	1,210	0.4 %	6,284	2.3 %
Yolo	73,143	72,945	99.7 %	17	0.0 %	181	0.2 %
Yuba	25,936	25,875	99.8 %	4	0.0 %	57	0.2 %

Sources:

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		Number	Percent	Number	Percent	Number	Percent
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Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,261,073	1,258,677	99.8 %	731	0.1 %	1,665	0.1 %
Broadband Consortium of the Pacific Coast	525,485	507,081	96.5 %	4,444	0.8 %	13,960	2.7 %
Central Coast Broadband Consortium	241,422	225,113	93.2 %	7,950	3.3 %	8,359	3.5 %
Central Sierra Connect Consortium	63,791	60,672	95.1 %	294	0.5 %	2,825	4.4 %
Connected Capital Area BB Consortium	660,904	659,814	99.8 %	478	0.1 %	612	0.1 %
East Bay Broadband Consortium	1,114,773	1,108,555	99.4 %	2,118	0.2 %	4,100	0.4 %
Eastern Sierra Connect Regional Broadband Consortium	47,866	40,925	85.5 %	1,424	3.0 %	5,517	11.5 %
Gold Country BB Consortium	255,229	251,091	98.4 %	2,342	0.9 %	1,796	0.7 %
• Tahoe Basin Project ³	17,669	16,553	93.7 %	660	3.7 %	456	2.6 %
Inyo / Mono Broadband Consortium	13,910	10,446	75.1 %	0	0.0 %	3,464	24.9 %
Inland Empire Regional BB Consortium	1,349,761	1,300,358	96.3 %	1,572	0.1 %	47,831	3.5 %
Los Angeles County Regional Broadband Consortium	3,326,188	3,288,357	98.9 %	9,109	0.3 %	28,722	0.9 %
North Bay / North Coast Broadband Consortium	379,362	365,608	96.4 %	1,664	0.4 %	12,090	3.2 %
Northeast California Connect Consortium	226,237	219,959	97.2 %	228	0.1 %	6,050	2.7 %
Orange County (no consortium)	1,030,164	994,063	96.5 %	13,206	1.3 %	22,895	2.2 %
Redwood Coast Connect Consortium	72,004	68,114	94.6 %	410	0.6 %	3,480	4.8 %
San Joaquin Valley Regional Broadband Consortium	1,224,387	1,211,370	98.9 %	3,590	0.3 %	9,427	0.8 %
Southern Border Broadband Consortium	1,183,826	1,145,056	96.7 %	9,427	0.8 %	29,343	2.5 %
Upstate California Connect Consortium	44,031	42,238	95.9 %	309	0.7 %	1,484	3.4 %

Sources:

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