



**STATE of CALIFORNIA
Wireline Broadband Deployment**

Maximum Advertised Speeds

As of December 31, 2017

County	All Households (CA DOF 1/1/2018)	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 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,505,596	95.4 %	115,599	0.9 %	492,645	3.7 %
Alameda	577,123	565,427	98.0 %	751	0.1 %	10,945	1.9 %
Alpine	477	338	70.9 %	25	5.2 %	114	23.9 %
Amador	14,685	12,396	84.4 %	546	3.7 %	1,743	11.9 %
Butte	90,962	81,308	89.4 %	1,349	1.5 %	8,305	9.1 %
Calaveras	18,290	14,734	80.6 %	612	3.3 %	2,944	16.1 %
Colusa	7,311	6,030	82.5 %	38	0.5 %	1,243	17.0 %
Contra Costa	392,185	385,853	98.4 %	528	0.1 %	5,804	1.5 %
Del Norte	9,743	8,666	88.9 %	1	0.0 %	1,076	11.0 %
El Dorado	74,265	57,710	77.7 %	2,978	4.0 %	13,577	18.3 %
Fresno	308,269	279,540	90.7 %	10,389	3.4 %	18,340	5.9 %
Glenn	10,098	6,205	61.4 %	1,293	12.8 %	2,600	25.7 %
Humboldt	56,939	46,864	82.3 %	994	1.7 %	9,081	15.9 %
Imperial	50,091	42,893	85.6 %	1,831	3.7 %	5,367	10.7 %
Inyo	8,094	6,165	76.2 %	14	0.2 %	1,915	23.7 %
Kern	270,224	254,638	94.2 %	1,333	0.5 %	14,253	5.3 %
Kings	43,877	35,922	81.9 %	2,649	6.0 %	5,306	12.1 %
Lake	24,594	18,633	75.8 %	2,486	10.1 %	3,475	14.1 %
Lassen	9,631	7,782	80.8 %	130	1.3 %	1,719	17.8 %
Los Angeles	3,338,658	3,294,909	98.7 %	2,951	0.1 %	40,798	1.2 %
Madera	45,217	40,328	89.2 %	341	0.8 %	4,548	10.1 %
Marin	104,591	101,934	97.5 %	479	0.5 %	2,178	2.1 %
Mariposa	7,799	5,591	71.7 %	469	6.0 %	1,739	22.3 %
Mendocino	35,317	24,891	70.5 %	1,013	2.9 %	9,413	26.7 %
Merced	80,044	68,852	86.0 %	3,375	4.2 %	7,817	9.8 %
Modoc	3,859	2,506	64.9 %	56	1.5 %	1,297	33.6 %
Mono	5,647	4,300	76.1 %	32	0.6 %	1,315	23.3 %
Monterey	126,339	108,587	85.9 %	8,733	6.9 %	9,019	7.1 %
Napa	49,281	45,734	92.8 %	742	1.5 %	2,805	5.7 %

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.

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



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		Number	Percent	Number	Percent	Number	Percent
Nevada	41,647	29,435	70.7 %	4,853	11.7 %	7,359	17.7 %
Orange	1,037,173	988,233	95.3 %	8,117	0.8 %	40,823	3.9 %
Placer	144,074	129,875	90.1 %	4,422	3.1 %	9,777	6.8 %
Plumas	8,570	4,571	53.3 %	26	0.3 %	3,973	46.4 %
Riverside	729,920	701,189	96.1 %	1,650	0.2 %	27,081	3.7 %
Sacramento	537,056	523,984	97.6 %	4,264	0.8 %	8,808	1.6 %
San Benito	17,830	14,894	83.5 %	537	3.0 %	2,399	13.5 %
San Bernardino	644,247	616,873	95.8 %	2,938	0.5 %	24,436	3.8 %
San Diego	1,139,651	1,091,339	95.8 %	5,316	0.5 %	42,996	3.8 %
San Francisco	368,186	366,685	99.6 %	168	0.0 %	1,333	0.4 %
San Joaquin	228,200	213,163	93.4 %	2,831	1.2 %	12,206	5.3 %
San Luis Obispo	107,256	94,139	87.8 %	2,615	2.4 %	10,502	9.8 %
San Mateo	265,011	262,624	99.1 %	416	0.2 %	1,971	0.7 %
Santa Barbara	148,865	144,550	97.1 %	251	0.2 %	4,064	2.7 %
Santa Clara	642,093	622,377	96.9 %	1,201	0.2 %	18,515	2.9 %
Santa Cruz	96,860	92,988	96.0 %	272	0.3 %	3,600	3.7 %
Shasta	72,331	61,077	84.4 %	4,484	6.2 %	6,770	9.4 %
Sierra	1,394	0	0.0 %	129	9.3 %	1,265	90.7 %
Siskiyou	19,369	13,557	70.0 %	923	4.8 %	4,889	25.2 %
Solano	148,678	142,048	95.5 %	728	0.5 %	5,902	4.0 %
Sonoma	186,676	179,863	96.4 %	1,209	0.6 %	5,604	3.0 %
Stanislaus	169,032	159,009	94.1 %	2,661	1.6 %	7,362	4.4 %
Sutter	32,209	29,260	90.8 %	900	2.8 %	2,049	6.4 %
Tehama	24,647	12,722	51.6 %	3,605	14.6 %	8,320	33.8 %
Trinity	5,994	1,584	26.4 %	286	4.8 %	4,124	68.8 %
Tulare	137,814	110,693	80.3 %	9,382	6.8 %	17,739	12.9 %
Tuolumne	22,189	16,359	73.7 %	1,102	5.0 %	4,728	21.3 %
Ventura	273,672	265,262	96.9 %	1,598	0.6 %	6,812	2.5 %
Yolo	73,629	68,495	93.0 %	1,025	1.4 %	4,109	5.6 %
Yuba	25,957	20,012	77.1 %	1,552	6.0 %	4,393	16.9 %

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.

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STATE of CALIFORNIA Wireline Broadband Deployment

Maximum Advertised Speeds

As of December 31, 2017

Consortium	All Households (CA DOF 1/1/2018)	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 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,505,596	95.4 %	115,599	0.9 %	492,645	3.7 %
Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,275,290	1,251,686	98.1 %	1,785	0.1 %	21,819	1.7 %
Broadband Consortium of the Pacific Coast	529,793	503,951	95.1 %	4,464	0.8 %	21,378	4.0 %
Central Coast Broadband Consortium	241,029	216,469	89.8 %	9,542	4.0 %	15,018	6.2 %
Central Sierra Connect Consortium	63,063	49,171	78.0 %	2,734	4.3 %	11,158	17.7 %
Connected Capital Area BB Consortium	668,851	641,751	95.9 %	7,741	1.2 %	19,359	2.9 %
East Bay Broadband Consortium	1,117,986	1,093,328	97.8 %	2,007	0.2 %	22,651	2.0 %
Eastern Sierra Connect Regional Broadband Consortium	48,648	41,539	85.4 %	472	1.0 %	6,637	13.6 %
Gold Country BB Consortium	261,757	217,267	83.0 %	12,402	4.7 %	32,088	12.3 %
• Tahoe Basin Project ³	18,725	17,774	94.9 %	448	2.4 %	503	2.7 %
Inyo / Mono Broadband Consortium ⁴	13,741	10,465	76.2 %	46	0.3 %	3,230	23.5 %
Inland Empire Regional BB Consortium	1,374,167	1,318,062	95.9 %	4,588	0.3 %	51,517	3.7 %
Los Angeles County Regional Broadband Consortium	3,338,658	3,294,909	98.7 %	2,951	0.1 %	40,798	1.2 %
North Bay / North Coast Broadband Consortium	375,865	352,422	93.8 %	3,443	0.9 %	20,000	5.3 %
Northeast California Connect Consortium	229,369	183,523	80.0 %	10,573	4.6 %	35,273	15.4 %
Orange County (no consortium)	1,037,173	988,233	95.3 %	8,117	0.8 %	40,823	3.9 %
Redwood Coast Connect Consortium	72,676	57,114	78.6 %	1,281	1.8 %	14,281	19.7 %
San Joaquin Valley Regional Broadband Consortium	1,234,029	1,120,606	90.8 %	32,489	2.6 %	80,934	6.6 %
Southern Border Broadband Consortium	1,189,742	1,134,232	95.3 %	7,147	0.6 %	48,363	4.1 %
Upstate California Connect Consortium	42,003	30,868	73.5 %	3,817	9.1 %	7,318	17.4 %

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, 2017

County	All Households (CA DOF 1/1/2018)	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 200 Kbps in both directions, or no service ²)	
		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,649,621	96.5 %	92,128	0.7 %	372,091	2.8 %
Alameda	577,123	565,550	98.0 %	746	0.1 %	10,827	1.9 %
Alpine	477	338	70.9 %	25	5.2 %	114	23.9 %
Amador	14,685	12,478	85.0 %	1,402	9.5 %	805	5.5 %
Butte	90,962	87,991	96.7 %	585	0.6 %	2,386	2.6 %
Calaveras	18,290	16,309	89.2 %	520	2.8 %	1,461	8.0 %
Colusa	7,311	6,136	83.9 %	30	0.4 %	1,145	15.7 %
Contra Costa	392,185	385,855	98.4 %	528	0.1 %	5,802	1.5 %
Del Norte	9,743	8,666	88.9 %	1	0.0 %	1,076	11.0 %
El Dorado	74,265	68,173	91.8 %	1,413	1.9 %	4,679	6.3 %
Fresno	308,269	290,265	94.2 %	8,277	2.7 %	9,727	3.2 %
Glenn	10,098	8,363	82.8 %	492	4.9 %	1,243	12.3 %
Humboldt	56,939	52,229	91.7 %	584	1.0 %	4,126	7.2 %
Imperial	50,091	42,893	85.6 %	2,322	4.6 %	4,876	9.7 %
Inyo	8,094	6,302	77.9 %	14	0.2 %	1,778	22.0 %
Kern	270,224	256,873	95.1 %	1,220	0.5 %	12,131	4.5 %
Kings	43,877	37,973	86.5 %	2,352	5.4 %	3,552	8.1 %
Lake	24,594	19,509	79.3 %	2,326	9.5 %	2,759	11.2 %
Lassen	9,631	8,172	84.9 %	76	0.8 %	1,383	14.4 %
Los Angeles	3,338,658	3,296,203	98.7 %	2,441	0.1 %	40,014	1.2 %
Madera	45,217	42,464	93.9 %	241	0.5 %	2,512	5.6 %
Marin	104,591	102,055	97.6 %	472	0.5 %	2,064	2.0 %
Mariposa	7,799	6,676	85.6 %	125	1.6 %	998	12.8 %
Mendocino	35,317	26,051	73.8 %	832	2.4 %	8,434	23.9 %
Merced	80,044	73,586	91.9 %	2,912	3.6 %	3,546	4.4 %
Modoc	3,859	2,506	64.9 %	56	1.5 %	1,297	33.6 %
Mono	5,647	4,300	76.1 %	32	0.6 %	1,315	23.3 %
Monterey	126,339	113,017	89.5 %	7,315	5.8 %	6,007	4.8 %
Napa	49,281	47,948	97.3 %	187	0.4 %	1,146	2.3 %

Sources:

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		Number	Percent	Number	Percent	Number	Percent
Nevada	41,647	38,644	92.8 %	1,015	2.4 %	1,988	4.8 %
Orange	1,037,173	988,506	95.3 %	7,889	0.8 %	40,778	3.9 %
Placer	144,074	137,495	95.4 %	2,433	1.7 %	4,146	2.9 %
Plumas	8,570	7,800	91.0 %	34	0.4 %	736	8.6 %
Riverside	729,920	701,328	96.1 %	1,683	0.2 %	26,909	3.7 %
Sacramento	537,056	525,940	97.9 %	3,138	0.6 %	7,978	1.5 %
San Benito	17,830	17,080	95.8 %	95	0.5 %	655	3.7 %
San Bernardino	644,247	617,048	95.8 %	6,698	1.0 %	20,501	3.2 %
San Diego	1,139,651	1,092,675	95.9 %	4,806	0.4 %	42,170	3.7 %
San Francisco	368,186	366,821	99.6 %	32	0.0 %	1,333	0.4 %
San Joaquin	228,200	219,854	96.3 %	1,452	0.6 %	6,894	3.0 %
San Luis Obispo	107,256	97,083	90.5 %	4,105	3.8 %	6,068	5.7 %
San Mateo	265,011	262,667	99.1 %	403	0.2 %	1,941	0.7 %
Santa Barbara	148,865	144,550	97.1 %	251	0.2 %	4,064	2.7 %
Santa Clara	642,093	624,081	97.2 %	657	0.1 %	17,355	2.7 %
Santa Cruz	96,860	93,386	96.4 %	411	0.4 %	3,063	3.2 %
Shasta	72,331	65,001	89.9 %	3,056	4.2 %	4,274	5.9 %
Sierra	1,394	686	49.2 %	146	10.5 %	562	40.3 %
Siskiyou	19,369	15,182	78.4 %	786	4.1 %	3,401	17.6 %
Solano	148,678	144,459	97.2 %	165	0.1 %	4,054	2.7 %
Sonoma	186,676	180,391	96.6 %	1,169	0.6 %	5,116	2.7 %
Stanislaus	169,032	163,239	96.6 %	1,701	1.0 %	4,092	2.4 %
Sutter	32,209	30,849	95.8 %	371	1.2 %	989	3.1 %
Tehama	24,647	20,716	84.1 %	1,787	7.3 %	2,144	8.7 %
Trinity	5,994	3,739	62.4 %	133	2.2 %	2,122	35.4 %
Tulare	137,814	121,328	88.0 %	7,322	5.3 %	9,164	6.6 %
Tuolumne	22,189	19,912	89.7 %	307	1.4 %	1,970	8.9 %
Ventura	273,672	266,009	97.2 %	1,487	0.5 %	6,176	2.3 %
Yolo	73,629	69,905	94.9 %	577	0.8 %	3,147	4.3 %
Yuba	25,957	24,366	93.9 %	493	1.9 %	1,098	4.2 %

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		Number	Percent	Number	Percent	Number	Percent
California	13,113,840	12,649,621	96.5 %	92,128	0.7 %	372,091	2.8 %
Bay Area (no consortium: SF, San Mateo and Santa Clara)	1,275,290	1,253,569	98.3 %	1,092	0.1 %	20,629	1.6 %
Broadband Consortium of the Pacific Coast	529,793	507,642	95.8 %	5,843	1.1 %	16,308	3.1 %
Central Coast Broadband Consortium	241,029	223,483	92.7 %	7,821	3.2 %	9,725	4.0 %
Central Sierra Connect Consortium	63,063	55,466	88.0 %	2,359	3.7 %	5,238	8.3 %
Connected Capital Area BB Consortium	668,851	651,060	97.3 %	4,579	0.7 %	13,212	2.0 %
East Bay Broadband Consortium	1,117,986	1,095,864	98.0 %	1,439	0.1 %	20,683	1.9 %
Eastern Sierra Connect Regional Broadband Consortium	48,648	42,584	87.5 %	463	1.0 %	5,601	11.5 %
Gold Country BB Consortium	261,757	245,245	93.7 %	5,027	1.9 %	11,485	4.4 %
• Tahoe Basin Project ³	18,725	17,821	95.2 %	448	2.4 %	456	2.4 %
Inyo / Mono Broadband Consortium	13,741	10,602	77.2 %	46	0.3 %	3,093	22.5 %
Inland Empire Regional BB Consortium	1,374,167	1,318,376	95.9 %	8,381	0.6 %	47,410	3.5 %
Los Angeles County Regional Broadband Consortium	3,338,658	3,296,203	98.7 %	2,441	0.1 %	40,014	1.2 %
North Bay / North Coast Broadband Consortium	375,865	356,445	94.8 %	2,660	0.7 %	16,760	4.5 %
Northeast California Connect Consortium	229,369	207,368	90.4 %	6,380	2.8 %	15,621	6.8 %
Orange County (no consortium)	1,037,173	988,506	95.3 %	7,889	0.8 %	40,778	3.9 %
Redwood Coast Connect Consortium	72,676	64,634	88.9 %	718	1.0 %	7,324	10.1 %
San Joaquin Valley Regional Broadband Consortium	1,234,029	1,162,998	94.2 %	25,014	2.0 %	46,017	3.7 %
Southern Border Broadband Consortium	1,189,742	1,135,568	95.4 %	7,128	0.6 %	47,046	4.0 %
Upstate California Connect Consortium	42,003	34,008	81.0 %	2,848	6.8 %	5,147	12.3 %

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