

Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2017

Year	Cases	Rate	Percent Change in Cases From Previous Year	Percent Change in Rate From Previous Year
1985	3492	13.2	.	.
1986	3442	12.7	-1.4	-3.8
1987	3719	13.4	8.0	5.5
1988	3468	12.2	-6.7	-9.0
1989	4212	14.5	21.5	18.9
1990	4889	16.4	16.1	13.1
1991	5273	17.3	7.9	5.5
1992	5382	17.4	2.1	0.6
1993	5150	16.4	-4.3	-5.7
1994	4834	15.3	-6.1	-6.7
1995	4656	14.7	-3.7	-3.9
1996	4288	13.4	-7.9	-8.8
1997	4045	12.5	-5.7	-6.7
1998	3850	11.7	-4.8	-6.4
1999	3604	10.8	-6.4	-7.7
2000	3288	9.7	-8.8	-10.2
2001	3329	9.6	1.2	-1.0
2002	3172	9.1	-4.7	-5.2
2003	3218	9.1	1.5	.
2004	2991	8.4	-7.1	-7.7
2005	2897	8.1	-3.1	-3.6
2006	2776	7.7	-4.2	-4.9
2007	2722	7.4	-1.9	-3.9
2008	2695	7.3	-1.0	-1.4
2009	2466	6.7	-8.5	-8.2
2010	2323	6.2	-5.8	-7.5
2011	2320	6.2	-0.1	.
2012	2185	5.7	-5.8	-8.1
2013	2163	5.6	-1.0	-1.8
2014	2130	5.5	-1.5	-1.8
2015	2131	5.5	.	.
2016	2059	5.2	-3.4	-5.5
2017	2056	5.2	-0.1	.

Note: Denominators for computing rates are from the California Department of Finance, E-2 California County Population Estimates and Components of Change. California Department of Public Health, Tuberculosis Control Branch

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2008-2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
Total Cases	2695	2466	2323	2320	2185	2163	2130	2131	2059	2056	-23.7	-0.1

Race/Ethnicity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
White, Not Hispanic	259	223	184	191	177	176	157	132	148	113	-56.4	-23.6
Black, Not Hispanic	210	190	153	138	137	134	118	98	106	103	-51.0	-2.8
Hispanic	1058	913	872	850	817	784	763	762	703	723	-31.7	2.8
Asian/Pacific Islander	1159	1135	1113	1136	1045	1065	1088	1138	1097	1115	-3.8	1.6
American Indian/Alaska Native	9	5	1	5	9	4	4	1	5	2	.	.

Age Group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
0-4	88	70	55	82	48	58	56	36	34	39	-55.7	14.7
5-14	66	55	46	46	40	32	33	32	17	37	-43.9	117.6
15-24	279	237	216	179	215	185	187	186	175	162	-41.9	-7.4
25-44	813	736	680	625	596	552	529	507	505	490	-39.7	-3.0
45-64	828	740	737	772	699	663	657	691	646	655	-20.9	1.4
65+	621	628	589	616	587	673	668	679	682	673	8.4	-1.3

Sex	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
Male	1654	1498	1374	1378	1293	1320	1288	1249	1280	1275	-22.9	-0.4
Female	1041	967	949	942	892	843	842	882	779	781	-25.0	0.3
Unknown	.	1	.	.	.	.	.	.	.	.	.	.

Birthplace	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
U.S.-born	671	584	496	516	468	464	457	406	385	369	-45.0	-4.2
Foreign-born	2019	1868	1823	1800	1716	1696	1670	1720	1667	1672	-17.2	0.3
Unknown	5	14	4	4	1	3	3	5	7	15	200.0	114.3

. Indicates zero cases or percent change not calculated where number of cases is less than 5
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Table 3. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2008-2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
Total Cases	7.3	6.7	6.2	6.2	5.7	5.6	5.5	5.5	5.2	5.2	-28.8	.

Race/Ethnicity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
White, Not Hispanic	1.7	1.4	1.2	1.3	1.2	1.2	1.0	0.9	1.0	0.7	-58.8	-30.0
Black, Not Hispanic	8.8	8.0	6.5	5.8	5.7	5.6	4.9	4.0	4.3	4.1	-53.4	-4.7
Hispanic	7.9	6.6	6.2	5.9	5.6	5.3	5.1	5.0	4.6	4.6	-41.8	.
Asian/Pacific Islander	22.7	21.8	20.6	20.8	18.9	19.0	19.2	19.8	19.0	19.1	-15.9	0.5
American Indian/Alaska Native	2.0	1.1	.	1.0	1.8	.	.	.	0.9	.	.	.

Age Group	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
0-4	3.4	2.7	2.2	3.2	1.9	2.3	2.2	1.4	1.4	1.6	-52.9	14.3
5-14	1.3	1.1	0.9	0.9	0.8	0.6	0.6	0.6	0.3	0.7	-46.2	133.3
15-24	5.0	4.3	3.9	3.2	3.8	3.2	3.2	3.2	3.0	2.8	-44.0	-6.7
25-44	7.7	7.0	6.5	5.9	5.7	5.3	5.0	4.9	4.9	4.7	-39.0	-4.1
45-64	9.3	8.0	7.9	8.1	7.3	6.9	6.7	7.0	6.5	6.5	-30.1	.
65+	15.5	15.0	13.8	13.9	12.7	14.0	13.3	12.9	12.5	11.9	-23.2	-4.8

Sex	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
Male	9.0	8.1	7.3	7.3	6.8	6.8	6.6	6.4	6.5	6.4	-28.9	-1.5
Female	5.6	5.2	5.1	5.0	4.7	4.4	4.4	4.5	4.0	4.0	-28.6	.

Birthplace	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
U.S.-born	2.5	2.2	1.8	1.9	1.7	1.7	1.6	1.4	1.3	1.3	-48.0	.
Foreign-born	20.4	18.8	18.0	17.6	16.7	16.4	16.0	16.3	15.7	15.6	-23.5	-0.6

. Case rate and percent change not calculated where number of cases is less than 5

Note: Denominators for computing rates are from the California Department of Finance, E-2 California County Population Estimates and Components of Change; Race/Ethnic Population with Age and Gender Detail, 2010-2017; P-3 State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010-2060; and the U.S. Census Bureau, American Community Survey.
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Table 4. Tuberculosis Cases, Rates per 100,000 Population, and Rank* According to Rate: Reporting Jurisdictions in California, 2016-2017

Reporting Jurisdiction	2016 Rank	2016 Cases	2016 Rate	2017 Rank	2017 Cases	2017 Rate
Imperial	1	44	23.6	1	40	21.2
San Francisco	2	100	11.5	2	107	12.2
Santa Clara	4	160	8.3	3	186	9.6
Alameda	3	135	8.9	4	124	8.1
San Diego	5	258	7.8	5	237	7.1
San Mateo	6	52	6.8	5	55	7.1
San Joaquin	10	42	5.7	7	52	6.9
Fresno	9	60	6.1	8	62	6.2
Sutter	33	4	.	9	6	6.1
Solano	13	24	5.5	10	26	5.9
Orange	14	165	5.2	11	186	5.8
Monterey	16	20	4.5	12	25	5.6
Contra Costa	21	40	3.5	13	61	5.4
Los Angeles	10	550	5.7	14	511	5.3
California	.	.	.	.	.	5.2
Napa	33	1	.	15	7	4.9
Pasadena	10	8	5.7	15	7	4.9
Long Beach	8	30	6.2	17	23	4.8
Tulare	18	19	4.1	18	19	4.0
Sacramento	16	67	4.5	19	57	3.8
Yolo	19	8	3.7	20	7	3.2
Ventura	19	32	3.7	21	26	3.0
United States	.	.	.	.	.	2.9
Kern	26	20	2.3	22	25	2.8
Stanislaus	32	9	1.7	23	15	2.7
Riverside	28	51	2.2	24	60	2.5
San Bernardino	23	65	3.0	24	54	2.5
Merced	24	8	2.9	24	7	2.5
Placer	31	7	1.9	27	9	2.4
Santa Barbara	30	9	2.0	28	10	2.2
San Luis Obispo	33	1	.	28	6	2.2
Santa Cruz	28	6	2.2	28	6	2.2
Sonoma	25	12	2.4	31	7	1.4
Healthy People 2020 Target	.	.	.	.	.	1.0
Berkeley	33	4	.	32	4	.
Kings	33	2	.	32	4	.
Marin	26	6	2.3	32	4	.
El Dorado	33	3	.	32	3	.
Madera	22	5	3.2	32	3	.
Mendocino	33	1	.	32	3	.
Butte	33	3	.	32	2	.
Calaveras	33	2	.	32	2	.
Lake	33	4	.	32	2	.
Humboldt	14	7	5.2	32	1	.
Inyo	51	.	.	32	1	.
Lassen	51	.	.	32	1	.
Nevada	33	2	.	32	1	.
Shasta	33	2	.	32	1	.
Yuba	7	5	6.6	32	1	.
Alpine	51	.	.	47	.	.
Amador	51	.	.	47	.	.
Colusa	33	1	.	47	.	.
Del Norte	51	.	.	47	.	.
Glenn	33	1	.	47	.	.
Mariposa	51	.	.	47	.	.
Modoc	51	.	.	47	.	.
Mono	33	1	.	47	.	.
Plumas	33	1	.	47	.	.
San Benito	33	1	.	47	.	.
Sierra	51	.	.	47	.	.
Siskiyou	51	.	.	47	.	.
Tehama	33	1	.	47	.	.
Trinity	51	.	.	47	.	.
Tuolumne	51	.	.	47	.	.

* All jurisdictions with one to four cases are given the same rank, and all jurisdictions with zero cases are given the same rank.
 Note: Denominators for computing rates are from the California Department of Finance, E-2 California County Population Estimates and Components of Change, and E-4 Historical Population Estimates for Cities, Counties, and the State.
 . Indicates zero cases or rate not calculated where number of cases is less than 5
 California Department of Public Health, Tuberculosis Control Branch

Table 5. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 2008-2017

Reporting Jurisdiction	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
California	2695	2466	2323	2320	2185	2163	2130	2131	2059	2056	-23.7	-0.1
Alameda	134	156	177	132	136	114	108	139	135	124	-7.5	-8.1
Alpine	.	.	.	.	.	.	.	.	.	.	.	.
Amador	.	.	1	.	1	.	.	.	.	.	.	.
Berkeley	4	4	9	1	6	5	5	7	4	4	.	.
Butte	3	2	2	.	4	4	6	3	3	2	.	.
Calaveras	.	2	.	1	1	.	1	.	2	2	.	.
Colusa	1	.	3	.	2	.	.	.	1	.	.	.
Contra Costa	79	47	33	60	55	57	48	45	40	61	-22.8	52.5
Del Norte	.	1	.	.	.	.	.	.	.	.	.	.
El Dorado	4	1	1	3	2	1	5	3	3	3	.	.
Fresno	75	66	55	46	34	38	51	42	60	62	-17.3	3.3
Glenn	1	.	1	.	3	1	.	1	1	.	.	.
Humboldt	.	2	1	1	5	2	2	.	7	1	.	.
Imperial	21	36	24	26	30	38	37	31	44	40	90.5	-9.1
Inyo	.	.	1	.	.	.	.	.	.	1	.	.
Kern	50	41	35	40	34	28	39	29	20	25	-50.0	25.0
Kings	5	4	4	6	5	6	3	5	2	4	.	.
Lake	2	.	2	1	2	2	.	.	4	2	.	.
Lassen	.	1	.	.	2	.	.	.	.	1	.	.
Long Beach	47	44	42	29	34	38	30	38	30	23	-51.1	-23.3
Los Angeles	790	702	675	678	625	661	586	602	550	511	-35.3	-7.1
Madera	20	8	3	12	10	6	8	4	5	3	.	.
Marin	6	14	11	12	15	11	8	9	6	4	.	.
Mariposa	.	.	.	.	.	.	.	.	.	.	.	.
Mendocino	4	3	.	2	2	1	1	.	1	3	.	.
Merced	5	11	6	6	19	12	6	19	8	7	40.0	-12.5
Modoc	.	.	.	.	.	.	.	.	.	.	.	.
Mono	.	.	.	.	.	.	.	.	1	.	.	.
Monterey	24	16	21	25	18	17	18	16	20	25	4.2	25.0
Napa	3	8	6	6	3	3	3	3	1	7	.	.
Nevada	3	.	.	1	1	.	.	1	2	1	.	.
Orange	209	197	224	209	192	187	187	162	165	186	-11.0	12.7
Pasadena	6	3	5	5	11	5	4	2	8	7	16.7	-12.5
Placer	2	7	3	6	6	6	4	4	7	9	.	28.6
Plumas	.	.	.	.	.	.	.	.	1	.	.	.
Riverside	78	68	73	68	57	54	65	52	51	60	-23.1	17.6
Sacramento	110	98	65	75	62	84	70	72	67	57	-48.2	-14.9
San Benito	1	.	1	3	.	1	1	1	1	.	.	.
San Bernardino	74	76	60	53	58	58	49	69	65	54	-27.0	-16.9
San Diego	264	223	222	263	234	206	220	234	258	237	-10.2	-8.1
San Francisco	118	115	98	108	116	107	112	96	100	107	-9.3	7.0
San Joaquin	66	76	46	44	44	43	54	58	42	52	-21.2	23.8
San Luis Obispo	1	3	4	6	3	4	3	2	1	6	.	.
San Mateo	64	66	59	59	54	58	74	57	52	55	-14.1	5.8
Santa Barbara	34	22	30	21	24	26	29	19	9	10	-70.6	11.1
Santa Clara	196	197	192	180	175	181	161	197	160	186	-5.1	16.3
Santa Cruz	10	5	10	10	7	5	5	2	6	6	-40.0	.
Shasta	2	1	2	.	1	4	2	4	2	1	.	.
Sierra	.	.	.	.	.	.	.	.	.	.	.	.
Siskiyou	.	.	.	.	.	.	1	.	.	.	.	.
Solano	33	23	20	34	17	12	24	23	24	26	-21.2	8.3
Sonoma	8	9	9	13	12	8	12	9	12	7	-12.5	-41.7
Stanislaus	20	20	16	9	7	10	13	18	9	15	-25.0	66.7
Sutter	6	1	3	6	5	4	2	2	4	6	.	.
Tehama	1	2	.	1	.	.	.	.	1	.	.	.
Trinity	.	.	.	.	.	.	.	1	.	.	.	.
Tulare	33	24	26	20	12	16	17	15	19	19	-42.4	.
Tuolumne	.	1	.	.	.	.	.	.	.	.	.	.
Ventura	65	48	33	35	34	28	46	24	32	26	-60.0	-18.8
Yolo	8	12	8	3	3	6	8	11	8	7	-12.5	-12.5
Yuba	5	.	1	1	2	5	2	.	5	1	.	.

. Indicates zero cases or percent change not calculated where number of cases is less than 5
 California Department of Public Health, Tuberculosis Control Branch

Table 6. Tuberculosis Case Rates per 100,000 Population: Reporting Jurisdictions in California, 2008-2017

Reporting Jurisdiction	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Percent Change 2008-2017	Percent Change 2016-2017
California	7.3	6.7	6.2	6.2	5.7	5.6	5.5	5.5	5.2	5.2	-28.8	.
Alameda	9.7	11.2	12.6	9.3	9.5	7.8	7.3	9.3	8.9	8.1	-16.5	-9.0
Alpine	.	.	.	.	.	.	.	.	.	.	.	.
Amador	.	.	.	.	.	.	.	.	.	.	.	.
Berkeley	.	.	8.0	.	5.2	4.3	4.2	5.8	.	.	.	.
Butte	.	.	.	.	.	.	2.7	.	.	.	.	.
Calaveras	.	.	.	.	.	.	.	.	.	.	.	.
Colusa	.	.	.	.	.	.	.	.	.	.	.	.
Contra Costa	7.6	4.5	3.1	5.6	5.1	5.2	4.4	4.0	3.5	5.4	-28.9	54.3
Del Norte	.	.	.	.	.	.	.	.	.	.	.	.
El Dorado	.	.	.	.	.	.	2.7	.	.	.	.	.
Fresno	8.2	7.1	5.9	4.9	3.6	4.0	5.3	4.3	6.1	6.2	-24.4	1.6
Glenn	.	.	.	.	.	.	.	.	.	.	.	.
Humboldt	.	.	.	.	3.7	.	.	.	5.2	.	.	.
Imperial	12.3	20.8	13.7	14.6	16.7	21.1	20.2	16.8	23.6	21.2	72.4	-10.2
Inyo	.	.	.	.	.	.	.	.	.	.	.	.
Kern	6.1	4.9	4.2	4.7	4.0	3.2	4.5	3.3	2.3	2.8	-54.1	21.7
Kings	3.3	.	.	4.0	3.3	4.0	.	3.3	.	.	.	.
Lake	.	.	.	.	.	.	.	.	.	.	.	.
Lassen	.	.	.	.	.	.	.	.	.	.	.	.
Long Beach	10.1	9.5	9.1	6.2	7.2	8.0	6.3	7.9	6.2	4.8	-52.5	-22.6
Los Angeles	8.6	7.6	7.3	7.3	6.7	7.0	6.2	6.3	5.7	5.3	-38.4	-7.0
Madera	13.4	5.3	.	7.9	6.6	3.9	5.2	.	3.2	.	.	.
Marin	2.4	5.6	4.4	4.7	5.9	4.3	3.1	3.4	2.3	.	.	.
Mariposa	.	.	.	.	.	.	.	.	.	.	.	.
Mendocino	.	.	.	.	.	.	.	.	.	.	.	.
Merced	2.0	4.3	2.3	2.3	7.2	4.5	2.2	7.0	2.9	2.5	25.0	-13.8
Modoc	.	.	.	.	.	.	.	.	.	.	.	.
Mono	.	.	.	.	.	.	.	.	.	.	.	.
Monterey	5.8	3.9	5.1	6.0	4.2	4.0	4.2	3.7	4.5	5.6	-3.4	24.4
Napa	.	5.9	4.4	4.4	.	.	.	.	.	4.9	.	.
Nevada	.	.	.	.	.	.	.	.	.	.	.	.
Orange	7.0	6.6	7.4	6.9	6.2	6.0	6.0	5.1	5.2	5.8	-17.1	11.5
Pasadena	4.4	.	3.6	3.6	7.9	3.6	.	.	5.7	4.9	11.4	-14.0
Placer	.	2.0	.	1.7	1.7	1.6	.	.	1.9	2.4	.	26.3
Plumas	.	.	.	.	.	.	.	.	.	.	.	.
Riverside	3.7	3.2	3.3	3.1	2.5	2.4	2.8	2.2	2.2	2.5	-32.4	13.6
Sacramento	7.9	6.9	4.6	5.2	4.3	5.8	4.8	4.8	4.5	3.8	-51.9	-15.6
San Benito	.	.	.	.	.	.	.	.	.	.	.	.
San Bernardino	3.7	3.8	2.9	2.6	2.8	2.8	2.3	3.2	3.0	2.5	-32.4	-16.7
San Diego	8.7	7.2	7.2	8.4	7.4	6.4	6.8	7.1	7.8	7.1	-18.4	-9.0
San Francisco	14.8	14.3	12.1	13.2	13.9	12.7	13.1	11.1	11.5	12.2	-17.6	6.1
San Joaquin	9.8	11.2	6.7	6.3	6.3	6.1	7.5	8.0	5.7	6.9	-29.6	21.1
San Luis Obispo	.	.	.	2.2	.	.	.	.	.	2.2	.	.
San Mateo	9.0	9.2	8.2	8.1	7.3	7.7	9.8	7.5	6.8	7.1	-21.1	4.4
Santa Barbara	8.1	5.2	7.1	4.9	5.6	6.0	6.6	4.3	2.0	2.2	-72.8	10.0
Santa Clara	11.1	11.1	10.7	9.9	9.5	9.7	8.5	10.3	8.3	9.6	-13.5	15.7
Santa Cruz	3.8	1.9	3.8	3.8	2.6	1.8	1.8	.	2.2	2.2	-42.1	.
Shasta	.	.	.	.	.	.	.	.	.	.	.	.
Sierra	.	.	.	.	.	.	.	.	.	.	.	.
Siskiyou	.	.	.	.	.	.	.	.	.	.	.	.
Solano	8.0	5.6	4.8	8.2	4.1	2.9	5.6	5.4	5.5	5.9	-26.3	7.3
Sonoma	1.7	1.9	1.9	2.7	2.5	1.6	2.4	1.8	2.4	1.4	-17.6	-41.7
Stanislaus	3.9	3.9	3.1	1.7	1.3	1.9	2.4	3.3	1.7	2.7	-30.8	58.8
Sutter	6.4	.	.	6.3	5.2	.	.	.	.	6.1	-4.7	.
Tehama	.	.	.	.	.	.	.	.	.	.	.	.
Trinity	.	.	.	.	.	.	.	.	.	.	.	.
Tulare	7.6	5.5	5.9	4.5	2.7	3.5	3.7	3.2	4.1	4.0	-47.4	-2.4
Tuolumne	.	.	.	.	.	.	.	.	.	.	.	.
Ventura	8.0	5.9	4.0	4.2	4.1	3.3	5.4	2.8	3.7	3.0	-62.5	-18.9
Yolo	4.0	6.0	4.0	.	.	2.9	3.8	5.2	3.7	3.2	-20.0	-13.5
Yuba	7.0	.	.	.	.	6.7	.	.	6.6	.	.	.

. Rates and rate change not calculated where number of cases is less than 5

Note: Denominators for computing rates are from the California Department of Finance, E-2 California County Population Estimates and Components of Change, and E-4 Historical Population Estimates for Cities, Counties, and the State.
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