

Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2022

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2013-2022

Table 3. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2013-2022

Table 4. Tuberculosis Cases, Rates per 100,000 Population, and Rank* According to Rate: Reporting Jurisdictions in California, 2021-2022

Table 5. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 2013-2022

Table 6. Tuberculosis Case Rates per 100,000 Population: Reporting Jurisdictions in California, 2013-2022

2006	2776	-4.2	7.7	-4.9
2007	2722	-1.9	7.4	-3.9
2008	2695	-1.0	7.3	-1.4
2009	2466	-8.5	6.7	-8.2
2010	2323	-5.8	6.2	-7.5
2011	2320	-0.1	6.2	0.0
2012	2184	-5.9	5.7	-8.1
2013	2162	-1.0	5.6	-1.8
2014	2130	-1.5	5.5	-1.8
2015	2131	0.0	5.5	0.0
2016	2059	-3.4	5.3	-3.6
2017	2057	-0.1	5.2	-1.9
2018	2096	1.9	5.3	1.9
2019	2110	0.7	5.3	0.0
2020	1703	-19.3	4.3	-18.9
2021	1750	2.8	4.5	4.7
2022	1843	5.3	4.7	4.4

Note: Denominators for computing rates are from the California Department of Finance,
E-2 California County Population Estimates and Components of Change by Year, July 1, 2010-2021,
E-2 California County Population Estimates and Components of Change by Year, July 1, 2020-2022
California Department of Public Health, Tuberculosis Control Branch

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2013-2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
Total Cases	2162	2130	2131	2059	2057	2096	2110	1703	1750	1843	-14.8	5.3

Race/Ethnicity	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
White, Not Hispanic	176	156	132	143	106	128	130	108	95	93	-47.2	-2.1
Black, Not Hispanic	132	117	98	104	105	90	91	86	63	61	-53.8	-3.2
Hispanic	784	763	762	703	728	739	820	611	708	742	-5.4	4.8
Asian	1052	1073	1127	1082	1103	1114	1055	883	868	903	-14.2	4.0
Asian Indian	96	92	115	123	125	143	110	110	102	103	7.3	1.0
Chinese	157	173	171	177	183	181	157	110	137	156	-0.6	13.9
Filipino	389	374	412	393	375	378	400	319	299	312	-19.8	4.3
Vietnamese	209	210	220	201	218	217	194	174	164	190	-9.1	15.9
All Other Asian Races	181	200	189	169	177	156	171	130	137	138	-23.8	0.7
American Indian/Alaska Native	3	3	1	5	1		1	1	5	4		
Native Hawaiian/Pacific Islander	7	11	10	14	12	19	11	10	5	11	57.1	120.0
Other										15		
Multi-race	8	6	1	7	2	6	2	4	3	9	12.5	
Unknown		1		1					3	5		

Age Group	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
0-4	58	56	36	34	39	28	29	23	24	29	-50.0	20.8
5-14	32	33	32	17	39	37	26	24	19	31	-3.1	63.2
15-24	185	187	186	174	162	173	163	135	104	146	-21.1	40.4
25-44	552	529	507	505	492	497	501	382	424	419	-24.1	-1.2
45-64	662	657	691	646	654	657	631	538	546	548	-17.2	0.4
65+	673	668	679	683	671	704	760	601	632	670	-0.4	6.0
Unknown									1			

Sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
Male	1319	1288	1249	1280	1276	1277	1281	1008	1099	1141	-13.5	3.8
Female	843	842	882	779	781	819	829	695	651	668	-20.8	2.6
Unknown										34		

Birthplace	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
U.S.-born	462	457	404	384	367	360	375	275	308	321	-30.5	4.2
Non-U.S.-born	1697	1670	1722	1670	1685	1735	1729	1420	1428	1503	-11.4	5.3
China	147	160	143	155	160	165	132	105	127	132	-10.2	3.9
India	93	96	114	121	126	142	109	111	102	97	4.3	-4.9

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2013-2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
Total Cases	2162	2130	2131	2059	2057	2096	2110	1703	1750	1843	-14.8	5.3
Mexico	456	451	447	414	433	442	494	353	415	422	-7.5	1.7
Philippines	379	361	408	380	364	380	392	323	305	290	-23.5	-4.9
Vietnam	199	204	218	197	221	224	201	179	164	191	-4.0	16.5
All Other Countries	423	398	392	403	381	382	401	349	315	371	-12.3	17.8
Unknown	3	3	5	5	5	1	6	8	14	19		35.7

Blank cells indicate zero cases or percent change not calculated where number of cases is less than 5

*People's Republic of China includes Hong Kong and Macau

California Department of Public Health, Tuberculosis Control Branch

Table 3. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2013-2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
Total Cases	5.6	5.5	5.5	5.3	5.2	5.3	5.3	4.3	4.5	4.7	-16.1	4.4

Race/Ethnicity	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
White, Not Hispanic	1.2	1.0	0.9	0.9	0.7	0.8	0.9	0.7	0.6	0.6	-50.0	0.0
Black, Not Hispanic	5.9	5.2	4.4	4.6	4.7	4.0	4.0	3.8	2.8	2.7	-54.2	-3.6
Hispanic	5.3	5.1	5.1	4.6	4.7	4.8	5.3	3.9	4.6	4.8	-9.4	4.3
Asian	21.1	21.3	22.1	21.1	21.3	21.4	20.3	17.0	16.9	17.7	-16.1	4.7
Asian Indian	15.2	13.6	15.6	16.1	16.1	17.4	13.8	13.8	12.8	11.6	-23.7	-9.4
Chinese	12.1	12.9	12.1	12.0	12.1	11.8	10.1	7.1	8.9	10.5	-13.2	18.0
Filipino	31.5	29.3	31.8	31.6	28.9	29.2	30.3	24.2	22.8	24.2	-23.2	6.1
Vietnamese	32.3	33.2	36.0	30.0	32.8	32.6	28.1	25.2	23.9	28.4	-12.1	18.8
American Indian/Alaska Native				2.9					2.9			
Native Hawaiian/Pacific Islander	5.1	7.9	7.1	9.9	8.5	13.3	7.7	7.0	3.5	7.8	52.9	122.9
Other												
Multi-race	0.8	0.6		0.7		0.6				0.8	0.0	

Age Group	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
0-4	2.3	2.2	1.4	1.4	1.6	1.2	1.2	1.0	1.1	1.3	-43.5	18.2
5-14	0.6	0.6	0.6	0.3	0.8	0.7	0.5	0.5	0.4	0.6	0.0	50.0
15-24	3.2	3.2	3.2	3.0	2.8	3.0	2.9	2.4	1.9	2.6	-18.8	36.8
25-44	5.3	5.1	4.9	4.9	4.8	4.8	4.8	3.7	4.1	4.1	-22.6	0.0
45-64	6.9	6.7	7.0	6.5	6.5	6.6	6.3	5.4	5.6	5.7	-17.4	1.8
65+	14.0	13.3	13.0	12.6	11.9	12.1	12.6	9.6	9.9	10.2	-27.1	3.0

Sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
Male	6.9	6.7	6.4	6.6	6.5	6.5	6.5	5.1	5.6	5.9	-14.5	5.4
Female	4.4	4.3	4.5	4.0	4.0	4.1	4.2	3.5	3.3	3.4	-22.7	3.0

Birthplace	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
U.S.-born	1.6	1.6	1.4	1.3	1.3	1.2	1.3	0.9	1.1	1.1	-31.3	0.0
Non-U.S.-born	16.4	16.0	16.2	15.7	15.9	16.4	16.4	13.5	13.6	14.4	-12.2	5.9
China	23.0	24.6	19.6	20.5	20.3	20.7	16.6	13.2	16.1	17.3	-24.8	7.5
India	22.0	21.7	23.8	25.2	24.9	26.8	21.2	21.6	20.0	17.5	-20.5	-12.5
Mexico	10.8	10.5	10.5	9.8	10.7	11.0	12.5	9.0	10.6	10.9	0.9	2.8
Philippines	46.7	42.6	47.8	46.9	42.6	45.3	45.6	37.6	35.7	35.3	-24.4	-1.1
Vietnam	38.4	40.2	43.3	37.0	42.2	43.9	37.3	33.2	30.6	38.2	-0.5	24.8

Table 3. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 2013-2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Percent Change 2013-2022	Percent Change 2021-2022
Total Cases	5.6	5.5	5.5	5.3	5.2	5.3	5.3	4.3	4.5	4.7	-16.1	4.4

Blank cells represent where case rate and percent change was not calculated where number of cases is less than 5

*People's Republic of China includes Hong Kong and Macau

Note: Denominators for computing rates are from the California Department of Finance, E-2 California County Population Estimates and Components of Change; by Year, July 1, 2010-2021 and E-2 California County Population Estimates and Components of Change by Year, July 1, 2020-2022;

P-3 Population Projections Race/Ethnicity and Sex by Individual Years of Age, 2010 to 2060 and the U.S. Census Bureau, American Community Survey.

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United States						2.9
Riverside	20	66	2.7	22	53	2.2
Placer	27	6	1.5	22	9	2.2
Yolo	28	3		22	5	2.2
Tulare	26	8	1.7	25	8	1.7
Healthy People 2030 Target						1.0
Marin	28	4		26	4	
Pasadena	28	4		26	4	
Santa Cruz	28	3		26	4	
Berkeley	43			26	3	
Humboldt	28	3		26	3	
Sonoma	22	11	2.3	26	3	
Butte	28	2		26	2	
El Dorado	43			26	2	
Sutter	28	1		26	2	
Calaveras	43			26	1	
Colusa	43			26	1	
Del Norte	43			26	1	
Glenn	28	1		26	1	
Kings	28	2		26	1	
Madera	28	1		26	1	
Napa	7	8	5.8	26	1	
San Benito	28	1		26	1	
Shasta	28	1		26	1	
Tehama	28	1		26	1	
Yuba	28	3		26	1	
Alpine	43			46		
Amador	43			46		
Inyo	43			46		
Lake	43			46		
Lassen	43			46		
Mariposa	43			46		
Mendocino	43			46		
Modoc	43			46		
Mono	43			46		
Nevada	43			46		
Plumas	43			46		
San Luis Obispo	24	5	1.8	46		
Sierra	43			46		
Siskiyou	28	2		46		
Trinity	43			46		
Tuolumne	43			46		

* 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 by Year, July 1, 2010-2021, E-2 California County Population Estimates and Component and E-4 Population Estimates for Cities, Counties, and the State, 2011-2021.

Blank cells indicate zero cases or rate not calculated where number of cases is less than 5

California Department of Public Health, Tuberculosis Control Branch

Madera	6	8	4	5	3	3	5	4	1	1	
Marin	11	8	9	6	6	5	8	4	4	4	
Mariposa											
Mendocino	1	1		1	3	2	2				
Merced	12	6	19	8	7	8	11	9	9	11	-8.3
Modoc											
Mono				1							
Monterey	17	18	16	20	24	29	12	12	19	11	-35.3
Napa	3	3	3	1	7	4	3	3	8	1	
Nevada			1	2	1			1			
Orange	187	187	162	165	186	182	173	142	138	170	-9.1
Pasadena	5	4	2	8	8	5	7	3	4	4	
Placer	6	4	4	7	9	6	4	8	6	9	50.0
Plumas				1							
Riverside	54	65	52	51	60	65	77	45	66	53	-1.9
Sacramento	84	70	72	67	56	65	73	52	76	78	-7.1
San Benito	1	1	1	1		2	1		1	1	
San Bernardino	58	49	69	66	56	56	74	47	49	56	-3.4
San Diego	206	220	234	258	237	226	264	193	201	208	1.0
San Francisco	107	112	96	100	107	118	105	59	74	59	-44.9
San Joaquin	43	54	58	42	53	38	59	46	41	33	-23.3
San Luis Obispo	4	3	2	1	6	2	6	6	5		
San Mateo	58	74	57	52	54	61	64	52	48	46	-20.7
Santa Barbara	26	29	19	9	10	24	24	22	25	19	-26.9
Santa Clara	181	161	197	159	186	171	163	152	133	141	-22.1
Santa Cruz	5	5	2	6	6	5	4	3	3	4	
Shasta	4	2	4	2	1		2	2	1	1	
Sierra											
Siskiyou		1							2		
Solano	12	24	23	24	26	29	31	28	18	23	91.7
Sonoma	8	12	9	12	7	11	6	12	11	3	
Stanislaus	10	13	18	9	15	14	17	9	10	15	50.0
Sutter	4	2	2	4	6	6	4	1	1	2	
Tehama				1		2		1	1	1	
Trinity			1								
Tulare	16	17	15	19	19	14	12	14	8	8	-50.0
Tuolumne							1				
Ventura	28	46	24	32	26	29	27	19	20	30	7.1
Yolo	6	8	11	8	7	4	9	6	3	5	-16.7
Yuba	5	2		5	1			1	3	1	

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

22.2
-42.1
23.2
50.0
-19.7
2.6
14.3
3.5
-20.3
-19.5
-4.2
-24.0
6.0
27.8
50.0
50.0

Madera	4.0	5.2		3.3			3.2					
Marin	4.2	3.0	3.4	2.3	2.3	1.9	3.0					
Mariposa												
Mendocino												
Merced	4.6	2.3	7.1	3.0	2.6	2.9	4.0	3.2	3.2	3.9		-15.2
Modoc												
Mono												
Monterey	4.0	4.2	3.7	4.6	5.5	6.6	2.7	2.7	4.3	2.5		-37.5
Napa					5.0				5.8			
Nevada												
Orange	6.0	6.0	5.1	5.2	5.8	5.7	5.4	4.5	4.4	5.4		-10.0
Pasadena	3.6			5.7	5.6	3.5	4.9					
Placer	1.6			1.8	2.3	1.5		2.0	1.5	2.2		37.5
Plumas												
Riverside	2.4	2.8	2.2	2.2	2.5	2.7	3.2	1.9	2.7	2.2		-8.3
Sacramento	5.7	4.7	4.8	4.4	3.6	4.2	4.6	3.3	4.8	5.0		-12.3
San Benito												
San Bernardino	2.8	2.3	3.3	3.1	2.6	2.6	3.4	2.2	2.2	2.6		-7.1
San Diego	6.4	6.8	7.2	7.9	7.2	6.9	8.0	5.8	6.1	6.3		-1.6
San Francisco	12.7	13.2	11.2	11.6	12.3	13.5	12.0	6.8	8.8	7.1		-44.1
San Joaquin	6.1	7.5	8.0	5.7	7.1	5.0	7.7	5.9	5.2	4.2		-31.1
San Luis Obispo					2.1		2.1	2.1	1.8			
San Mateo	7.8	9.8	7.5	6.8	7.1	8.0	8.4	6.8	6.4	6.2		-20.5
Santa Barbara	6.0	6.6	4.3	2.0	2.2	5.4	5.3	4.9	5.7	4.3		-28.3
Santa Clara	9.7	8.5	10.3	8.3	9.6	8.8	8.4	7.9	7.0	7.5		-22.7
Santa Cruz	1.8	1.8		2.2	2.2	1.8						
Shasta												
Sierra												
Siskiyou												
Solano	2.8	5.6	5.3	5.4	5.8	6.5	6.9	6.2	4.0	5.2		85.7
Sonoma	1.6	2.4	1.8	2.4	1.4	2.2	1.2	2.5	2.3			
Stanislaus	1.9	2.5	3.4	1.7	2.7	2.5	3.1	1.6	1.8	2.7		42.1
Sutter					6.1	6.0						
Tehama												
Trinity												
Tulare	3.5	3.7	3.3	4.1	4.1	3.0	2.5	3.0	1.7	1.7		-51.4
Tuolumne												
Ventura	3.3	5.4	2.8	3.8	3.1	3.4	3.2	2.2	2.4	3.6		9.1
Yolo	2.9	3.9	5.2	3.8	3.3		4.2	2.7		2.2		-24.1
Yuba	6.7			6.5								

Blank cells represent 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 by Year, July 1, 2010-2021, E-2 California County Population Estimates and Comp and E-4 Population Estimates for Cities, Counties, and the State, 2011-2021.
California Department of Public Health, Tuberculosis Control Branch

21.9
-41.9
22.7
46.7
-18.5
4.2
18.2
3.3
-19.3
-19.2
-3.1
-24.6
7.1
30.0
50.0
0.0
50.0

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