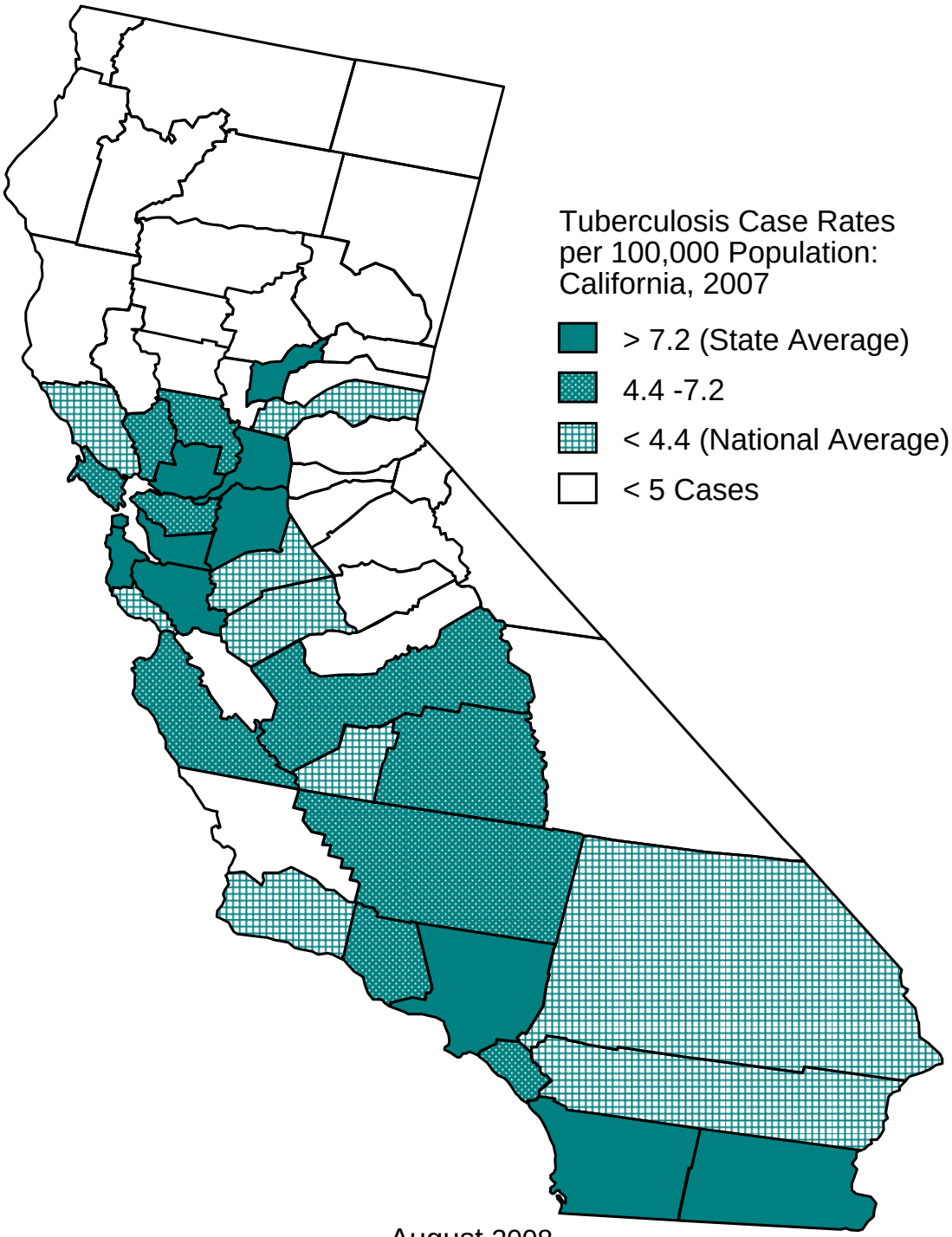
REPORT ON TUBERCULOSIS IN CALIFORNIA, 2007



August 2008

Arnold Schwarzenegger, Governor
State of California

Kimberly Belshé, Secretary
California Health and Human Services Agency

Mark B Horton, MD, MSPH, Director
California Department of Public Health

Report on Tuberculosis In California, 2007

Arnold Schwarzenegger
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California Department of Public Health
Center for Infectious Diseases
Division of Communicable Disease Control
Tuberculosis Control Branch
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Cover: The map illustrates tuberculosis case rates by reporting jurisdiction in 2007. Twelve jurisdictions (including Long Beach, not represented) have tuberculosis case rates above the state average of 7.2 cases per 100,000 population. Ten jurisdictions (including Pasadena, not represented) have tuberculosis case rates below the 2007 national rate of 4.4 per 100,000 population. Eleven jurisdictions (including Berkeley, not represented) have case rates between the national and state rates (4.4 to 7.2 per 100,000 population). Case rates were not calculated for 28 jurisdictions because there were fewer than five cases in these areas.

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Introduction

Reportable cases of tuberculosis (TB) are submitted to the California Department of Public Health (CDPH),TB Control Branch (TBCB), by the 61 local health jurisdictions (58 counties, and the cities of Berkeley, Long Beach, and Pasadena). In 1993, the Centers for Disease Control and Prevention (CDC), in conjunction with state and local health departments, began using the expanded Report of Verified Case of Tuberculosis (RVCT) to collect information on each case of TB. In addition to the demographic and clinical features of TB that were previously collected, the RVCT includes information on drug resistance, risk factors for TB, and treatment outcomes. In 1998, CDC implemented the Tuberculosis Information Management System (TIMS) for data entry and transmission of case reports. Today, TIMS is in use in 19 of the largest jurisdictions, allowing 93 percent of TB cases to be reported electronically to TBCB. The CDPH Division of Communicable Disease Control is currently implementing a web-based surveillance system for reportable diseases, including TB, that will allow all jurisdictions in California to submit TB case reports and access their local data on-line.

Acknowledgment

The TBCB would like to thank surveillance and reporting staff in all local reporting jurisdictions. Without their hard work we would not have data for this publication. We also acknowledge the support of our partners at CDC's Division of Tuberculosis Elimination.

Executive Summary

In 2007, 2,725 cases of tuberculosis (TB) were reported in California, the lowest case count ever recorded. However, the rate of decline in the number of cases has stalled compared to earlier years. The number of TB cases reported in 2007 was less than two percent below the number of cases in 2006, while the average decline between 2003-2006 was nearly five percent. California continues to contribute the greatest number of cases to the nation's total TB morbidity. Of 13,299 cases of TB reported in the United States in 2007, California contributed 20 percent. Although the case rate has declined 59 percent since the peak of the epidemic in 1992, with a rate of 7.2 cases per 100,000 in 2007, California continues to have the second highest rate of TB in the nation. The rate of tuberculosis in the United States in 2007 was 4.4 cases per 100,000 population.

The decline in TB in California represents major successes in state and local efforts to control and prevent tuberculosis throughout the state. However, the epidemiology of TB in subpopulations in California highlights areas where TB continues to pose an ongoing threat to the public's health.

Geographic Distribution

In 2007, TB was reported in 44 of 61 (72 percent) local health jurisdictions (LHJ) in California. Twenty-two jurisdictions had an increase in TB cases over 2006 (Table 13). Of the 11 LHJ with higher TB morbidity (greater than 55 cases in 2007), seven (64 percent) had a case increase of five percent or greater compared to 2006. Over eight percent of California's cases were reported in 27 rural or small health jurisdictions (RSHJ), representing a significant challenge to local TB programs where expertise and resources to detect and treat TB may be less available. The California Tuberculosis Controllers Association RSHJ workgroup in conjunction with the California Department of Public Health, Tuberculosis Control Branch (CDPH/TBCB) continues to implement a statewide strategic plan to ensure basic TB control infrastructure in the RSHJ.

Demographic Characteristics of TB Cases

The majority of California's TB cases are Asian/Pacific Islander (46 percent) or Hispanic (36 percent) (Table 2). Black non-Hispanics and Asian/Pacific Islanders experienced an increase in TB cases and TB rates in 2007. Large disparities in TB rates continue to exist among race/ethnic groups. Compared to White non-Hispanics, the rate of TB among Asian/Pacific Islanders was 18 times greater, among Black non-Hispanics the rate was six times greater, and among Hispanics the rate was five times greater (Table 3).

Individuals born outside the United States accounted for over 77 percent of the cases of TB in California in 2007 (Table 2). The majority of cases were from Mexico (n=603), followed by the Philippines (n=477), Vietnam (n=257), China (n=130), and India (n=102) (Table 10). The rate of TB among foreign-born persons is nearly 10 times

greater than the rate among persons born in the United States (Table 3). These rates may reflect the higher burden of tuberculosis, and the increased likelihood of exposure to disease, in the countries of origin of the foreign-born TB cases.

Seventeen percent of foreign-born cases are identified within one year of the patient's arrival in the United States (Table 10). The Centers for Disease Control and Prevention's Division of Global Migration and Quarantine (DGMQ) has recently implemented an electronic notification system for immigrants and refugees entering the U.S. with suspected TB, which will enhance domestic follow-up evaluation and reporting on this group. In addition, in 2007 DGMQ began implementation of revised Technical Instructions for use in overseas screening of immigrants and refugees applying for permanent residency in the U.S. The new Technical Instructions will increase the number of persons identified and treated with a TB condition prior to entry to the U.S., which will ultimately reduce TB in recent arrivers. However, it is estimated that less than 60 percent of TB cases are screened prior to entry to this country. National, state, and local efforts to improve TB control in Mexican-born persons include Cure-TB (a San Diego-based referral service to ensure continuity of care for patients who move across the U.S.-Mexico border), and the Bi-national Card (a portable medical record which includes vital clinical, laboratory, and treatment information for TB patients). CDPH/TBCB is also participating in an investigation with the national Tuberculosis Epidemiology Studies Consortium to identify opportunities to prevent TB disease in persons born outside the United States.

There were 87 cases of TB reported in children under five years of age in 2007 (Tables 2, 6, 15). TB rates among children in this age group are 6-7 times greater among Hispanics, Asian/Pacific Islanders, and Black non-Hispanics (TB rate = 4.5, 4.4, 3.7 per 100,000, respectively), compared to White non-Hispanics (TB rate = 0.6 per 100,000) (Table 7). A diagnosis of TB in a young child represents ongoing TB transmission and, therefore, a missed public health opportunity for TB control. To interrupt TB transmission, the TBCB offers assistance to local TB programs in outbreak response and contact investigation.

HIV/AIDS

In 2004, the most recent year for which data is available, 122 (4 percent) TB cases had a co-diagnosis of AIDS (Table 11). The percentage of AIDS/TB cases who are foreign-born increased from 38 percent in 1993 to 65 percent in 2004. The percentage of Hispanic AIDS/TB cases has increased from 41 percent to 57 percent in the same time period. The changing profile of TB cases with AIDS underscores the need for HIV testing of all TB cases to identify and appropriately treat these patients. Human immunodeficiency virus (HIV) counseling and testing policy recommendations were emphasized in the 2003 California Department of Health Services/California Tuberculosis Controllers Association Guidelines for Treatment of Active Tuberculosis Disease (available at *www.ctca.org*).

Drug Resistance

The frequency of resistance to isoniazid (INH), one of the primary drugs used to treat TB, rose to 11 percent in 2007 (Table 45) from less than 10 percent in 2006 (Table 45). Among those with a prior episode of TB, the frequency of INH resistance was nearly 18 percent (Table 38). Where INH resistance exceeds four percent, the recommendation is to start all TB cases on an initial four drug regimen. In 2007, over 88 percent of cases began TB treatment with a four drug regimen (Table 26).

California continues to report the largest number of multidrug resistant (MDR; resistant to at least isoniazid and rifampin) TB cases in the nation. Between 27 and 39 cases of MDR TB were reported per year in California between 2003 and 2007 (Table 43, Figure 13). During this five year period, MDR TB cases were reported in 25 (41 percent) of California's 61 local health jurisdictions, including several rural and smaller health jurisdictions where experience in treating MDR TB may be limited. Although the overall proportion of MDR TB cases remains low (1.3 percent in 2007), the potential consequences of these deadly strains of TB to the patient and to the public can be costly in terms of human mortality, transmission of disease, and resource requirements. Three cases of the most severe form of drug resistance, termed extensively drug resistant TB (XDR TB) were reported between 2003-2007 (data not shown). XDR TB is defined by the World Health Organization as resistance to isoniazid and rifampin, as well as at least one fluoroquinoline and any of the second-line injectable agents, amikacin, kanamycin, or capreomycin.

Due to the increased duration of treatment that these cases require, the number of newly diagnosed MDR TB cases in one year underestimates the workload that these cases represent for local TB programs. Approximately 70-80 MDR TB cases are currently under treatment in California. The MDR TB service of the TBCB was developed in 2002 to increase access to consultation and tools to manage MDR TB patients in California, including ensuring appropriate treatment and public health follow-up of all MDR TB cases. In 2007, CDC initiated enhanced surveillance of MDR TB cases to ensure complete reporting of MDR TB cases, and to inform potential on-going surveillance of MDR TB cases.

Treatment Outcomes

Because treatment of TB disease may last from 6 to 24 months, the most recent complete data on TB treatment outcomes are from 2005. Among all pan-sensitive patients, 77 percent completed within one year, and 11 percent completed in more than one year for a total of 88 percent of patients completing treatment (Figure 17). A key activity to promote timely completion of treatment is the use of Directly Observed Therapy (DOT) for patients at high risk of defaulting from treatment. The use of DOT has improved greatly, with 83 percent of TB cases receiving at least part of their treatment under supervision in 2005, compared to 55 percent in 1996 (data not shown).

Approximately seven percent of patients died during treatment for tuberculosis in

2005 (Table 47). In addition, each year approximately two percent of reported cases have TB diagnosed after death or before treatment for TB disease is initiated (Table 25). Because it is not known how many of these deaths are TB-related, TBCB has developed a tool to assist local health jurisdictions in determining whether TB contributed to death and whether missed prevention opportunities were present for TB-related deaths. This information will inform local and state interventions to prevent future TB-related deaths. CDPH/TBCB is participating in a national Tuberculosis Epidemiology Studies Consortium investigation to describe the mortality of patients diagnosed with TB, to determine the proportion of deaths that are TB-related and preventable, and to assess risk factors associated with TB-related deaths.

Each year approximately two percent of patients default (refuse treatment or become lost) before completing an adequate course of anti-TB treatment (Table 47). The TBCB has provided a Patient Locating Service which is available to provide local TB programs with technical and/or direct assistance with locating their lost TB patients.

Moved

Of patients beginning therapy in 2005, 219 (7.8 percent) moved prior to completing treatment (Table 47). Of these, approximately 41 percent moved to another jurisdiction in California, 20 percent moved to another state, and 39 percent moved out of the country. Of patients moving in California or the United States, 69 percent are known to have completed treatment in their destination jurisdiction, and 10 percent had “adverse” outcomes (lost, refused treatment, died). No further information is available on the remaining 21 percent of cases, therefore, the outcomes for these patients remain “moved.”

Among patients moving out of the country, the predominant destination was Mexico (46 percent). Cure-TB, located in San Diego, continues to ensure continuity of care for this group of patients by providing medical referrals for patients moving into and out of Mexico.

California has experienced considerable success in the prevention and control of TB disease since the peak of the epidemic in 1992. The on-going challenges, including TB disparities among race/ethnic groups, the intersection of TB and HIV disease, and drug resistant TB, underscore the importance of maintaining strong local and state TB programs so that TB can be identified and treated to break the cycle of transmission, and to protect the public’s health.

Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2007

Year	Cases	Rate	Percent Change From Previous Year	
			Cases	Rate
1985	3,492	13.2		
1986	3,442	12.7	-1.4	-3.8
1987	3,719	13.4	8.0	5.5
1988	3,468	12.2	-6.7	-9.0
1989	4,212	14.5	21.5	18.9
1990	4,889	16.4	16.1	13.1
1991	5,273	17.4	7.9	6.1
1992	5,382	17.4	2.1	0.0
1993	5,173	16.5	-3.9	-5.2
1994	4,860	15.4	-6.1	-6.7
1995	4,675	14.7	-3.8	-4.5
1996	4,313	13.5	-7.7	-8.2
1997	4,059	12.5	-5.9	-7.4
1998	3,855	11.7	-5.0	-6.4
1999	3,608	10.8	-6.4	-7.7
2000	3,297	9.7	-8.6	-10.2
2001	3,332	9.6	1.1	-1.0
2002	3,169	9.0	-4.9	-6.3
2003	3,227	9.0	1.8	0.0
2004	2,989	8.2	-7.4	-8.9
2005	2,903	7.9	-2.9	-3.7
2006	2,779	7.4	-4.3	-6.3
2007	2,725	7.2	-1.9	-2.7

California Department of Public Health, Tuberculosis Control Branch

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, and Birthplace: California, 1998-2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change 1998-2007	Percent Change 2006-2007
Total Cases	**3,855**	**3,608**	**3,297**	**3,332**	**3,169**	**3,227**	**2,989**	**2,903**	**2,779**	**2,725**	**-29.3**	**-1.9**
Race/Ethnicity												
White, Not Hispanic	518	448	391	365	323	332	293	267	267	237	-54.2	-11.2
Black, Not Hispanic	384	376	322	292	277	249	225	225	208	217	-43.5	4.3
Hispanic	1,401	1,340	1,198	1,252	1,273	1,281	1,173	1,126	1,068	993	-29.1	-7.0
Asian/Pacific Islander	1,527	1,415	1,367	1,399	1,285	1,351	1,287	1,274	1,223	1,262	-17.4	3.2
American Indian/Alaskan Native	25	18	16	16	7	7	6	5	9	6	-76.0	-33.3
Unknown	-	11	3	8	4	7	5	6	4	10	.	.
Age Group												
0-4	164	153	116	133	127	132	117	86	91	87	-47.0	-4.4
5-14	92	116	89	92	96	99	106	64	42	46	-50.0	9.5
15-24	358	334	328	318	311	349	302	277	319	291	-18.7	-8.8
25-44	1,276	1,161	1,058	1,109	1,056	991	923	917	859	787	-38.3	-8.4
45-64	1,063	976	944	953	870	930	869	846	792	861	-19.0	8.7
65+	902	868	762	727	709	726	672	713	676	653	-27.6	-3.4
Sex												
Male	2,347	2,166	1,974	2,029	1,883	1,878	1,787	1,752	1,668	1,649	-29.7	-1.1
Female	1,508	1,442	1,323	1,300	1,285	1,349	1,202	1,151	1,110	1,074	-28.8	-3.2
Unknown	-	-	-	3	1	-	-	-	1	2	.	.
Birthplace												
U.S.-born	1,136	1,061	904	824	758	771	710	653	630	590	-48.1	-6.3
Foreign-born	2,701	2,519	2,377	2,482	2,390	2,431	2,266	2,232	2,136	2,113	-21.8	-1.1
Unknown	18	28	16	26	21	25	13	18	13	22	22.2	69.2

- Indicates zero cases.

. Percent change not calculated where number of cases is less than 5.

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, 1998 - 2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change 1998-2007	Percent Change 2006-2007
Total Cases	**11.7**	**10.8**	**9.7**	**9.6**	**9.0**	**9.0**	**8.2**	**7.9**	**7.4**	**7.2**	**-38.5**	**-2.7**
Race/Ethnicity												
White, Not Hispanic	3.2	2.8	2.4	2.3	2.0	2.0	1.8	1.6	1.6	1.4	-56.3	-12.5
Black, Not Hispanic	16.9	16.3	13.8	12.3	11.6	10.4	9.4	9.4	8.6	9.0	-46.7	4.7
Hispanic	13.6	12.6	10.8	10.9	10.8	10.5	9.3	8.7	8.1	7.3	-46.3	-9.9
Asian/Pacific Islander	39.7	35.4	32.7	32.2	28.7	29.4	27.4	26.7	25.2	25.5	-35.8	1.2
American Indian/Alaskan Native	7.2	4.9	4.1	3.9	1.6	1.6	1.3	1.1	1.9	1.2	-83.3	-36.8
Age Group												
0-4	6.3	6.0	4.6	5.3	4.9	5.0	4.4	3.2	3.4	3.2	-49.2	-5.9
5-14	1.8	2.2	1.7	1.7	1.7	1.8	1.9	1.2	0.8	0.8	-55.6	0.0
15-24	7.6	6.9	6.8	6.5	6.2	6.9	5.8	5.2	5.8	5.2	-31.6	-10.3
25-44	12.0	10.8	9.8	10.2	9.7	9.1	8.5	8.5	8.0	7.4	-38.3	-7.5
45-64	16.7	14.7	13.4	12.9	11.3	11.6	10.4	9.8	8.9	9.4	-43.7	5.6
65+	26.9	25.1	21.0	19.7	18.9	19.0	17.2	18.0	16.8	15.9	-40.9	-5.4
Sex												
Male	14.3	13.0	11.6	11.7	10.7	10.5	9.8	9.5	8.9	8.7	-39.2	-2.2
Female	9.1	8.6	7.7	7.5	7.2	7.5	6.6	6.2	5.9	5.7	-37.4	-3.4
Birthplace												
Foreign-born	34.0	31.5	27.8	28.1	26.2	26.0	23.7	22.4	22.1	21.2	-37.6	-4.1
U.S.-born	4.6	4.2	3.6	3.2	2.9	2.9	2.7	2.4	2.4	2.2	-52.2	-8.3

Note: Denominators for computing the overall rate of tuberculosis in California, and rates by race/ethnicity, age group, and sex are from the California Department of Finance, *Population Projections by Race/Ethnicity.* Denominators for computing rates for foreign-born and U.S.-born persons are from the California Department of Finance, *Current Population Survey* annual reports. See Technical Notes for additional detail.

California Department of Public Health, Tuberculosis Control Branch

Table 4. Tuberculosis Cases by Race/Ethnicity and Age Group: California, 1998-2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change 1998-2007	Percent Change 2006-2007
Total Cases	**3,855**	**3,608**	**3,297**	**3,332**	**3,169**	**3,227**	**2,989**	**2,903**	**2,779**	**2,725**	**-29.3**	**-1.9**
White, Not Hispanic	518	448	391	365	323	332	293	267	267	237	-54.2	-11.2
0-4	14	4	6	7	8	3	6	6	1	5	-64.3	.
5-14	2	9	6	2	7	5	6	2	1	4	.	.
15-24	14	10	14	15	16	23	17	10	20	4	.	.
25-44	114	99	90	105	82	72	60	64	53	46	-59.6	-13.2
45-64	179	146	133	120	100	120	92	99	86	86	-52.0	0.0
65+	195	180	142	116	110	109	112	86	106	92	-52.8	-13.2
Unknown	-	-	-	-	-	-	-	-	-	-	.	.
Black, Not Hispanic	384	376	322	292	277	249	225	225	208	217	-43.5	4.3
0-4	19	15	9	12	13	7	6	4	5	6	-68.4	20.0
5-14	14	12	7	10	4	7	9	5	-	2	.	.
15-24	22	39	28	18	28	23	19	19	22	27	22.7	22.7
25-44	149	146	122	111	100	77	75	77	75	68	-54.4	-9.3
45-64	126	117	117	101	94	96	86	85	72	82	-34.9	13.9
65+	54	47	39	40	38	39	30	35	34	32	-40.7	-5.9
Unknown	-	-	-	-	-	-	-	-	-	-	.	.
Hispanic	1,401	1,340	1,198	1,252	1,273	1,281	1,173	1,126	1,068	993	-29.1	-7.0
0-4	101	114	77	96	88	99	85	62	66	61	-39.6	-7.6
5-14	56	82	56	65	66	67	66	41	32	26	-53.6	-18.8
15-24	189	161	183	180	166	183	165	165	168	157	-16.9	-6.5
25-44	526	469	418	443	460	459	401	408	378	339	-35.6	-10.3
45-64	320	306	288	286	297	288	275	267	259	252	-21.3	-2.7
65+	209	208	176	182	196	185	181	183	165	158	-24.4	-4.2
Unknown	-	-	-	-	-	-	-	-	-	-	.	.
Asian/Pacific Islander	1,527	1,415	1,367	1,399	1,285	1,351	1,287	1,274	1,223	1,262	-17.4	3.2
0-4	26	19	23	18	18	23	19	14	19	15	-42.3	-21.1
5-14	20	13	19	15	19	20	25	16	9	13	-35.0	44.4
15-24	131	122	103	105	100	119	100	83	108	102	-22.1	-5.6
25-44	480	438	422	442	409	378	384	365	346	327	-31.9	-5.5
45-64	430	396	399	438	378	421	413	389	373	437	1.6	17.2
65+	440	427	401	381	361	390	346	407	368	368	-16.4	0.0
Unknown	-	-	-	-	-	-	-	-	-	-	.	.
American Indian/Alaska Native	25	18	16	16	7	7	6	5	9	6	-76.0	-33.3
0-4	4	1	1	-	-	-	1	-	-	-	.	.
5-14	-	-	1	-	-	-	-	-	-	-	.	.
15-24	2	-	-	-	1	-	1	-	1	1	.	.
25-44	7	6	5	5	2	3	2	2	5	2	.	.
45-64	8	9	6	8	1	2	1	2	1	1	.	.
65+	4	2	3	3	3	2	1	1	2	2	.	.
Race Unknown	-	11	3	8	4	7	5	6	4	10	.	.
0-4	-	-	-	-	-	-	-	-	-	-	.	.
5-14	-	-	-	-	-	-	-	-	-	1	.	.
15-24	-	2	-	-	-	1	-	-	-	-	.	.
25-44	-	3	1	3	3	2	1	1	2	5	.	.
45-64	-	2	1	-	-	3	2	4	1	3	.	.
65+	-	4	1	5	1	1	2	1	1	1	.	.

- Indicates zero cases.
. Percent change not calculated where number of cases is less than 5.

California Department of Public Health, Tuberculosis Control Branch

Table 5. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity and Age Group: California, 1998-2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change 1998-2007	Percent Change 2006-2007
Total Cases	**11.7**	**10.8**	**9.7**	**9.6**	**9.0**	**9.0**	**8.2**	**7.9**	**7.4**	**7.2**	**-38.5**	**-2.7**
White, Not Hispanic	3.2	2.8	2.4	2.3	2.0	2.0	1.8	1.6	1.6	1.4	-56.3	-12.5
0-4	1.6	.	0.7	0.9	1.0	.	0.8	0.8	.	0.6	-62.5	.
5-14	.	0.5	0.3	.	0.4	0.3	0.3	.	.	.	.	.
15-24	0.8	0.6	0.8	0.8	0.9	1.2	0.9	0.5	1.0	.	.	.
25-44	2.2	2.0	1.9	2.2	1.8	1.6	1.3	1.5	1.2	1.1	-50.0	-8.3
45-64	4.6	3.6	3.2	2.8	2.2	2.6	1.9	2.0	1.7	1.7	-63.0	0.0
65+	8.0	7.3	5.6	4.6	4.3	4.3	4.4	3.3	4.1	3.5	-56.3	-14.6
Black, Not Hispanic	16.9	16.3	13.8	12.3	11.6	10.4	9.4	9.4	8.6	9.0	-46.7	4.7
0-4	9.5	7.6	5.0	6.8	7.5	4.1	3.6	.	3.1	3.7	-61.1	19.4
5-14	3.3	2.8	1.6	2.3	.	1.7	2.2	1.3	.	.	.	.
15-24	6.7	11.5	8.1	5.0	7.6	6.0	4.8	4.7	5.3	6.4	-4.5	20.8
25-44	20.1	19.7	16.4	15.0	13.7	10.7	10.5	11.0	10.9	10.0	-50.2	-8.3
45-64	31.2	27.8	25.7	21.4	19.2	19.0	16.5	15.9	13.1	14.6	-53.2	11.5
65+	32.6	27.2	20.7	20.7	19.3	19.4	14.6	16.7	16.0	14.8	-54.6	-7.5
Hispanic	13.6	12.6	10.8	10.9	10.8	10.5	9.3	8.7	8.1	7.3	-46.3	-9.9
0-4	8.3	9.5	6.5	7.8	7.0	7.6	6.4	4.5	4.8	4.5	-45.8	-6.3
5-14	2.6	3.7	2.4	2.7	2.6	2.6	2.5	1.5	1.2	1.0	-61.5	-16.7
15-24	9.6	8.0	9.1	9.0	8.3	9.0	8.0	7.7	7.5	6.7	-30.2	-10.7
25-44	15.6	13.4	11.5	11.8	11.9	11.6	10.0	10.0	9.1	8.1	-48.1	-11.0
45-64	26.3	23.5	20.2	18.6	18.0	16.2	14.5	13.3	12.2	11.2	-57.4	-8.2
65+	50.7	47.4	36.5	35.3	35.7	31.8	29.5	28.5	24.7	22.7	-55.2	-8.1
Asian/Pacific Islander	39.7	35.4	32.7	32.2	28.7	29.4	27.4	26.7	25.2	25.5	-35.8	1.2
0-4	9.3	6.8	8.4	6.3	6.1	7.4	5.9	4.2	5.6	4.4	-52.7	-21.4
5-14	3.5	2.2	3.2	2.5	3.1	3.2	4.0	2.6	1.4	2.1	-40.0	50.0
15-24	21.7	19.7	16.4	16.2	15.1	17.6	14.6	12.1	15.7	14.7	-32.3	-6.4
25-44	36.6	32.2	30.1	30.7	27.9	25.5	25.7	24.4	23.0	21.5	-41.3	-6.5
45-64	56.9	48.8	44.7	46.3	37.9	40.2	37.8	34.3	31.7	35.8	-37.1	12.9
65+	139.8	124.5	104.2	92.9	83.0	84.9	71.8	81.1	70.4	67.6	-51.6	-4.0
American Indian/Alaska Native	7.2	4.9	4.1	3.9	1.6	1.6	1.3	1.1	1.9	1.2	-83.3	-36.8
0-4	.	.	.	.	.	.	.	.	.	.	.	.
5-14	.	.	.	.	.	.	.	.	.	.	.	.
15-24	.	.	.	.	.	.	.	.	.	.	.	.
25-44	6.3	5.2	4.5	4.5	.	.	.	.	4.4	.	.	.
45-64	10.6	10.9	8.5	10.5	.	.	.	.	.	.	.	.
65+	.	.	.	.	.	.	.	.	.	.	.	.

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

California Department of Public Health, Tuberculosis Control Branch

Table 6. Tuberculosis Cases by Race/Ethnicity, Sex, and Age Group: California, 2007

		Age Group					
	All Ages	0-4	5-14	15-24	25-44	45-64	65+
Total Cases	**2,725**	**87**	**46**	**291**	**787**	**861**	**653**
White, Not Hispanic	237	5	4	4	46	86	92
Male	154	2	2	2	28	62	58
Female	83	3	2	2	18	24	34
Black, Not Hispanic	217	6	2	27	68	82	32
Male	133	4	1	12	39	58	19
Female	84	2	1	15	29	24	13
Hispanic	993	61	26	157	339	252	158
Male	631	26	14	105	222	180	84
Female	360	35	12	52	116	71	74
Unknown	2	-	-	-	1	1	-
Asian/Pacific Islander	1,262	15	13	102	327	437	368
Male	723	8	8	56	161	266	224
Female	539	7	5	46	166	171	144
American Indian/Alaska Native	6	-	-	1	2	1	2
Male	3	-	-	1	-	1	1
Female	3	-	-	-	2	-	1
Race/Ethnicity Not Stated	10	-	1	-	5	3	1
Male	5	-	-	-	3	1	1
Female	5	-	1	-	2	2	-

- Indicates zero cases.

California Department of Public Health, Tuberculosis Control Branch

Table 7. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Sex, and Age Group: California, 2007

		Age Group					
	All Ages	0-4	5-14	15-24	25-44	45-64	65+
Total Cases	**7.2**	**3.2**	**0.8**	**5.2**	**7.4**	**9.4**	**15.9**
White, Not Hispanic	1.4	0.6	.	.	1.1	1.7	3.5
Male	1.9	.	.	.	1.3	2.5	5.1
Female	1.0	.	.	.	0.9	1.0	2.3
Black, Not Hispanic	9.0	3.7	.	6.4	10.0	14.6	14.8
Male	11.2	.	.	5.5	11.7	21.6	20.9
Female	6.8	.	.	7.3	8.4	8.1	10.3
Hispanic	7.3	4.5	1.0	6.7	8.1	11.2	22.7
Male	9.1	3.7	1.0	8.6	9.9	16.1	28.2
Female	5.4	5.2	0.9	4.6	5.9	6.3	18.6
Asian/Pacific Islander	25.5	4.4	2.1	14.7	21.5	35.8	67.6
Male	30.3	4.6	2.5	15.7	22.0	47.0	96.4
Female	21.0	4.2	1.6	13.6	21.0	26.1	46.1
American Indian/Alaska Native	1.2	.	.	.	.	.	.
Male	.	.	.	.	.	.	.
Female	.	.	.	.	.	.	.

. Case rates not calculated where number of cases is less than 5.

California Department of Health Services, Tuberculosis Control Branch

Table 8. Tuberculosis Cases in U.S.-born Persons by Race/Ethnicity, Sex, and Age Group: California, 2007

		Age Group					
	All Ages	0-4	5-14	15-24	25-44	45-64	65+
Total Cases	**590**	**71**	**29**	**61**	**142**	**167**	**120**
White, Not Hispanic	171	4	3	3	32	63	66
Male	117	1	2	2	19	48	45
Female	54	3	1	1	13	15	21
Black, Not Hispanic	165	5	-	10	50	75	25
Male	113	4	-	4	34	55	16
Female	52	1	-	6	16	20	9
Hispanic	199	53	18	32	49	26	21
Male	121	21	11	19	36	21	13
Female	78	32	7	13	13	5	8
Asian/Pacific Islander	50	9	7	16	9	2	7
Male	27	4	4	11	4	2	2
Female	23	5	3	5	5	-	5
American Indian/Alaska Native	3	-	-	-	1	1	1
Male	2	-	-	-	-	1	1
Female	1	-	-	-	1	-	-
Race/Ethnicity Not Stated	2	-	1	-	1	-	-
Male	1	-	-	-	1	-	-
Female	1	-	1	-	-	-	-

- Indicates zero cases.

California Department of Public Health, Tuberculosis Control Branch

Table 9. Tuberculosis Cases in Foreign-born Persons by Race/Ethnicity, Sex, and Age Group: California, 2007

		Age Group					
	All Ages	0-4	5-14	15-24	25-44	45-64	65+
Total Cases	**2,113**	**16**	**17**	**229**	**637**	**688**	**526**
White, Not Hispanic	65	1	1	1	14	22	26
Male	36	1	-	-	9	13	13
Female	29	-	1	1	5	9	13
Black, Not Hispanic	51	1	2	17	18	7	6
Male	19	-	1	8	5	3	2
Female	32	1	1	9	13	4	4
Hispanic	784	8	8	124	286	225	133
Male	502	5	3	85	183	159	67
Female	280	3	5	39	102	65	66
Unknown	2	-	-	-	1	1	-
Asian/Pacific Islander	1,209	6	6	86	317	434	360
Male	693	4	4	45	156	263	221
Female	516	2	2	41	161	171	139
American Indian/Alaska Native	3	-	-	1	1	-	1
Male	1	-	-	1	-	-	-
Female	2	-	-	-	1	-	1
Race/Ethnicity Not Stated	1	-	-	-	1	-	-
Male	-	-	-	-	-	-	-
Female	1	-	-	-	1	-	-

- Indicates zero cases.

California Department of Public Health, Tuberculosis Control Branch

Table 10. Tuberculosis Cases in Foreign-born Persons by Country of Origin and Time in the United States: California, 2007

Country of Origin *	Total Foreign-born Cases	Time in United States: ≤ 1 year		1-2 years		3-5 years		6-10 years		11-20 years		>20 years		Unknown Time in U.S.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Total	**2,113**	**361**	**17.1**	**98**	**4.6**	**210**	**9.9**	**310**	**14.7**	**452**	**21.4**	**577**	**27.3**	**105**	**5.0**
Mexico	603	67	11.1	37	6.1	73	12.1	83	13.8	105	17.4	199	33.0	39	6.5
Philippines	477	133	27.9	9	1.9	36	7.5	63	13.2	104	21.8	113	23.7	19	4.0
Vietnam	257	44	17.1	10	3.9	19	7.4	32	12.5	72	28.0	75	29.2	5	1.9
China**	130	26	20.0	3	2.3	14	10.8	21	16.2	31	23.8	31	23.8	4	3.1
India	102	21	20.6	5	4.9	16	15.7	25	24.5	16	15.7	12	11.8	7	6.9
Korea, South	64	5	7.8	2	3.1	6	9.4	9	14.1	13	20.3	26	40.6	3	4.7
Guatemala	62	11	17.7	5	8.1	13	21.0	13	21.0	11	17.7	6	9.7	3	4.8
El Salvador	53	6	11.3	2	3.8	4	7.5	9	17.0	13	24.5	13	24.5	6	11.3
Kampuchea (Cambodia)	36	6	16.7	2	5.6	3	8.3	4	11.1	4	11.1	14	38.9	3	8.3
Laos	34	2	5.9	1	2.9	-	-	1	2.9	15	44.1	13	38.2	2	5.9
Peru	22	3	13.6	-	-	3	13.6	10	45.5	4	18.2	1	4.5	1	4.5
Taiwan	22	3	13.6	2	9.1	-	-	2	9.1	7	31.8	8	36.4	-	-
Honduras	18	3	16.7	2	11.1	3	16.7	6	33.3	3	16.7	1	5.6	-	-
Ethiopia	15	6	40.0	3	20.0	3	20.0	1	6.7	2	13.3	-	-	-	-
Indonesia	15	-	-	3	20.0	3	20.0	5	33.3	2	13.3	2	13.3	-	-
Thailand	13	2	15.4	1	7.7	-	-	2	15.4	3	23.1	3	23.1	2	15.4
Burma	12	4	33.3	-	-	2	16.7	2	16.7	1	8.3	3	25.0	-	-
Pakistan	12	2	16.7	1	8.3	-	-	-	-	4	33.3	2	16.7	3	25.0
Japan	11	1	9.1	-	-	1	9.1	-	-	1	9.1	8	72.7	-	-
Nicaragua	11	-	-	1	9.1	-	-	3	27.3	3	27.3	4	36.4	-	-
Somalia	10	2	20.0	1	10.0	2	20.0	2	20.0	3	30.0	-	-	-	-
Afghanistan	8	-	-	-	-	-	-	2	25.0	4	50.0	2	25.0	-	-
Iran	7	-	-	-	-	1	14.3	1	14.3	1	14.3	4	57.1	-	-
Fiji	6	-	-	-	-	-	-	1	16.7	3	50.0	2	33.3	-	-
Armenia	5	-	-	-	-	-	-	1	20.0	3	60.0	1	20.0	-	-
Mongolia	5	2	40.0	2	40.0	1	20.0	-	-	-	-	-	-	-	-
Romania	5	-	-	-	-	-	-	1	20.0	2	40.0	2	40.0	-	-
Other Countries	98	12	12.2	6	6.1	7	7.1	11	11.2	22	22.4	32	32.7	8	8.2

* Countries listed in order of number of cases.
** People's Republic of China including Hong Kong.
- Indicates zero cases or zero percent.

Table 11. AIDS-associated Tuberculosis* by Demographic Characteristics and Risk Factors for Tuberculosis: California, 1999-2004

	1999			2000			2001			2002			2003			2004		
	Total Cases	AIDS Diagnosis		Total Cases	AIDS Diagnosis		Total Cases	AIDS Diagnosis		Total Cases	AIDS Diagnosis		Total Cases	AIDS Diagnosis		Total Cases	AIDS Diagnosis	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
Total	**3,605**	**220**	**6.1**	**3,288**	**147**	**4.5**	**3,329**	**149**	**4.5**	**3,172**	**165**	**5.2**	**3,218**	**183**	**5.7**	**2,992**	**122**	**4.1**
Race/Ethnicity																		
White, Not Hispanic	450	41	9.1	384	24	6.3	368	25	6.8	312	19	6.1	329	28	8.5	293	16	5.5
Black, Not Hispanic	373	55	14.7	318	38	11.9	292	33	11.3	276	46	16.7	249	28	11.2	226	21	9.3
Hispanic	1,341	112	8.4	1,201	78	6.5	1,254	79	6.3	1,276	86	6.7	1,280	109	8.5	1,176	70	6.0
Asian/Pacific Islander	1,406	11	0.8	1,355	7	0.5	1,385	11	0.8	1,284	13	1.0	1,346	17	1.3	1,289	14	1.1
American Indian/Alaska Native	16	1	6.3	15	-	-	15	1	6.7	6	1	16.7	7	-	-	5	1	20.0
Unknown	19	-	-	15	-	-	15	-	-	18	-	-	7	1	14.3	3	-	-
Age Group																		
0-4	153	-	-	115	-	-	132	-	-	127	-	-	131	-	-	117	-	-
5-14	116	-	-	89	1	1.1	92	-	-	97	-	-	99	-	-	104	1	1.0
15-24	333	4	1.2	327	3	0.9	319	3	0.9	311	5	1.6	349	7	2.0	305	8	2.6
25-44	1,159	144	12.4	1,057	109	10.3	1,104	93	8.4	1,056	104	9.8	991	118	11.9	922	67	7.3
45-64	975	69	7.1	938	32	3.4	955	52	5.4	872	50	5.7	926	51	5.5	868	44	5.1
65+	869	3	0.3	762	2	0.3	727	1	0.1	709	6	0.8	722	7	1.0	676	2	0.3
Sex																		
Male	2,166	196	9.0	1,972	129	6.5	2,029	128	6.3	1,889	130	6.9	1,873	155	8.3	1,786	99	5.5
Female	1,439	24	1.7	1,316	18	1.4	1,300	21	1.6	1,283	35	2.7	1,345	28	2.1	1,206	23	1.9
Place of Birth																		
Foreign-born	2,519	112	4.4	2,376	73	3.1	2,488	82	3.3	2,395	97	4.1	2,426	121	5.0	2,268	79	3.5
U.S.-born	1,058	108	10.2	897	73	8.1	822	67	8.2	758	67	8.8	771	60	7.8	712	43	6.0
Unknown	28	-	-	15	1	6.7	19	-	-	19	1	5.3	21	2	9.5	12	-	-
Homeless																		
No	3,320	175	5.3	3,027	110	3.6	3,066	116	3.8	2,931	127	4.3	2,965	140	4.7	2,772	96	3.5
Yes	235	43	18.3	224	33	14.7	231	33	14.3	205	38	18.5	225	40	17.8	184	22	12.0
Unknown	50	2	4.0	37	4	10.8	32	-	-	36	-	-	28	3	10.7	36	4	11.1
Alcohol Use																		
No	3,015	138	4.6	2,779	99	3.6	2,838	117	4.1	2,737	125	4.6	2,771	121	4.4	2,618	94	3.6
Yes	421	62	14.7	364	35	9.6	371	26	7.0	324	35	10.8	346	50	14.5	301	22	7.3
Unknown	169	20	11.8	145	13	9.0	120	6	5.0	111	5	4.5	101	12	11.9	73	6	8.2
Injecting Drug Use																		
No	3,348	175	5.2	3,050	114	3.7	3,122	118	3.8	2,995	141	4.7	3,034	147	4.8	2,844	100	3.5
Yes	93	24	25.8	89	18	20.2	86	24	27.9	72	21	29.2	73	24	32.9	71	14	19.7
Unknown	164	21	12.8	149	15	10.1	121	7	5.8	105	3	2.9	111	12	10.8	77	8	10.4
Non-injecting Drug Use																		
No	3,197	143	4.5	2,907	93	3.2	2,994	108	3.6	2,894	128	4.4	2,901	122	4.2	2,732	88	3.2
Yes	230	58	25.2	227	38	16.7	209	33	15.8	168	33	19.6	196	46	23.5	171	25	14.6
Unknown	178	19	10.7	154	16	10.4	126	8	6.3	110	4	3.6	121	15	12.4	89	9	10.1
Diagnosed in Correctional Facility																		
No	3,479	205	5.9	3,171	139	4.4	3,205	140	4.4	3,085	164	5.3	3,119	176	5.6	2,885	116	4.0
Yes	118	14	11.9	113	7	6.2	115	9	7.8	71	1	1.4	92	7	7.6	102	6	5.9
Unknown	8	1	12.5	4	1	25.0	9	-	-	16	-	-	7	-	-	5	-	-

* Match found in AIDS Case Registry, California Office of AIDS.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 12. Tuberculosis Cases, Rate per 100,000 Population, and Rank* According to Rate: Reporting Jurisdictions in California, 2006-2007

Reporting Jurisdiction	2006			2007		
	Rank	Cases	Rate	Rank	Cases	Rate
San Francisco	2	120	15.0	1	143	17.7
Imperial	1	33	19.4	2	29	16.6
Santa Clara	3	228	12.8	3	241	13.4
San Mateo	5	78	10.7	4	87	11.9
Alameda	7	141	10.0	5	149	10.5
San Diego	6	315	10.2	6	280	9.0
Solano	15	25	5.9	7	37	8.7
Los Angeles	8	885	9.2	8	815	8.4
Yuba	48	-	.	9	6	8.0
Long Beach	9	39	7.9	10	39	7.9
Sacramento	11	97	7.0	11	110	7.8
San Joaquin	4	78	11.6	12	51	7.4
California						**7.2**
Orange	10	226	7.3	13	217	7.0
Ventura	14	49	6.0	14	57	6.9
Marin	29	6	2.4	15	16	6.3
Tulare	18	21	4.9	16	25	5.7
Berkeley	21	5	4.7	17	6	5.6
Monterey	12	29	6.9	18	22	5.2
Napa	16	7	5.2	19	7	5.1
Contra Costa	19	50	4.8	20	51	4.9
Kern	17	40	5.0	20	40	4.9
Yolo	32	3	.	22	9	4.6
Fresno	13	62	6.8	23	42	4.5
United States						**4.4**
Placer	31	6	1.9	24	13	4.0
Riverside	22	74	3.7	25	80	3.9
Kings	32	2	.	25	6	3.9
Santa Cruz	30	6	2.3	27	10	3.8
Pasadena	19	7	4.8	28	5	3.4
Santa Barbara	23	15	3.6	29	14	3.3
San Bernardino	26	58	2.9	30	59	2.9
Stanislaus	25	16	3.1	31	15	2.8
Sonoma	26	14	2.9	32	13	2.7
Merced	23	9	3.6	33	5	2.0
Year 2010 National Objective						**1.0**
Shasta	28	5	2.8	34	4	.
Tehama	32	2	.	34	4	.
Butte	32	3	.	34	3	.
El Dorado	32	4	.	34	3	.
Mendocino	32	4	.	34	3	.
San Luis Obispo	32	2	.	34	3	.
Glenn	32	1	.	34	2	.
Calaveras	48	-	.	34	1	.
Lake	32	1	.	34	1	.
Madera	32	3	.	34	1	.
Sutter	32	3	.	34	1	.
Alpine	48	-	.	45	-	.
Amador	48	-	.	45	-	.
Colusa	32	2	.	45	-	.
Del Norte	48	-	.	45	-	.
Humboldt	32	1	.	45	-	.
Inyo	48	-	.	45	-	.
Lassen	48	-	.	45	-	.
Mariposa	48	-	.	45	-	.
Modoc	48	-	.	45	-	.
Mono	48	-	.	45	-	.
Nevada	32	2	.	45	-	.
Plumas	48	-	.	45	-	.
San Benito	32	1	.	45	-	.
Sierra	48	-	.	45	-	.
Siskiyou	48	-	.	45	-	.
Trinity	32	1	.	45	-	.
Tuolumne	48	-	.	45	-	.

* All jurisdictions with one to four cases are given the same rank, and all jurisdictions with zero cases are given the same rank.
- Indicates zero cases.
. Rates not calculated where number of cases is less than 5.

California Department of Public Health, Tuberculosis Control Branch

Table 13. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 1998-2007

Reporting Jurisdiction	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change 1998-2007	Percent Change 2006-2007
California	**3,855**	**3,608**	**3,297**	**3,332**	**3,169**	**3,227**	**2,989**	**2,903**	**2,779**	**2,725**	**-29.3**	**-1.9**
Alameda	223	224	242	196	199	175	144	152	141	149	-33.2	5.7
Alpine	-	-	-	-	-	-	-	-	-	-	.	.
Amador	1	1	-	-	-	-	-	-	-	-	.	.
Berkeley	7	17	4	12	11	5	4	11	5	6	-14.3	20.0
Butte	4	4	4	5	1	6	4	3	3	3	.	.
Calaveras	1	-	-	1	-	-	-	-	-	1	.	.
Colusa	-	-	1	2	-	1	-	-	2	-	.	.
Contra Costa	102	97	78	105	68	82	64	58	50	51	-50.0	2.0
Del Norte	1	-	1	-	-	1	-	-	-	-	.	.
El Dorado	3	1	4	5	3	-	3	4	4	3	.	.
Fresno	114	101	91	98	98	115	102	69	62	42	-63.2	-32.3
Glenn	-	-	1	-	-	3	-	-	1	2	.	.
Humboldt	15	8	6	7	6	2	4	4	1	-	.	.
Imperial	39	38	26	25	29	25	31	32	33	29	-25.6	-12.1
Inyo	-	-	1	-	1	1	-	-	-	-	.	.
Kern	48	62	49	49	57	47	36	42	40	40	-16.7	0.0
Kings	18	11	7	11	6	3	3	9	2	6	-66.7	.
Lake	2	2	2	2	-	1	3	-	1	1	.	.
Lassen	-	1	1	-	-	-	-	2	-	-	.	.
Long Beach	57	88	63	50	59	65	54	53	39	39	-31.6	0.0
Los Angeles	1,299	1,170	1,066	1,046	1,025	950	930	906	885	815	-37.3	-7.9
Madera	7	9	14	11	12	14	5	9	3	1	.	.
Marin	20	10	11	15	12	17	13	10	6	16	-20.0	166.7
Mariposa	-	-	2	-	-	-	-	-	-	-	.	.
Mendocino	4	1	4	2	7	6	1	2	4	3	.	.
Merced	8	11	10	15	16	16	8	8	9	5	-37.5	-44.4
Modoc	-	-	2	-	-	-	-	-	-	-	.	.
Mono	-	-	-	-	-	-	-	-	-	-	.	.
Monterey	48	47	35	39	24	54	29	37	29	22	-54.2	-24.1
Napa	5	3	3	2	7	6	7	3	7	7	40.0	0.0
Nevada	1	2	1	1	-	1	1	2	2	-	.	.
Orange	298	246	246	278	230	248	224	241	226	217	-27.2	-4.0
Pasadena	19	8	13	17	12	12	12	15	7	5	-73.7	-28.6
Placer	5	3	1	3	3	12	2	5	6	13	160.0	116.7
Plumas	-	-	1	-	-	-	-	-	-	-	.	.
Riverside	74	79	71	66	68	75	75	60	74	80	8.1	8.1
Sacramento	112	97	120	130	104	153	161	143	97	110	-1.8	13.4
San Benito	3	5	2	6	3	2	2	-	1	-	.	.
San Bernardino	101	113	104	83	63	67	67	63	58	59	-41.6	1.7
San Diego	339	296	295	332	326	316	320	305	315	280	-17.4	-11.1
San Francisco	207	235	170	182	146	162	135	132	120	143	-30.9	19.2
San Joaquin	65	74	72	51	52	69	65	63	78	51	-21.5	-34.6
San Luis Obispo	16	6	9	11	6	8	2	8	2	3	.	.
San Mateo	80	62	46	78	67	52	56	62	78	87	8.8	11.5
Santa Barbara	32	26	22	26	18	37	18	26	15	14	-56.3	-6.7
Santa Clara	251	244	235	215	254	226	203	199	228	241	-4.0	5.7
Santa Cruz	12	14	4	7	6	9	9	10	6	10	-16.7	66.7
Shasta	4	5	5	4	4	8	4	6	5	4	.	.
Sierra	-	-	-	-	-	-	-	-	-	-	.	.
Siskiyou	2	1	1	-	-	-	-	1	-	-	.	.
Solano	50	32	27	35	26	30	42	40	25	37	-26.0	48.0
Sonoma	16	18	16	9	16	15	20	11	14	13	-18.8	-7.1
Stanislaus	25	33	18	18	22	17	19	11	16	15	-40.0	-6.3
Sutter	9	6	4	5	7	5	-	1	3	1	.	.
Tehama	1	2	2	1	-	3	1	4	2	4	.	.
Trinity	-	-	-	-	-	-	-	-	1	-	.	.
Tulare	27	22	17	15	19	16	21	15	21	25	-7.4	19.0
Tuolumne	8	-	2	1	-	-	1	-	-	-	.	.
Ventura	57	62	44	52	66	74	72	55	49	57	0.0	16.3
Yolo	8	9	9	5	4	12	5	9	3	9	12.5	.
Yuba	7	2	12	3	6	3	7	2	-	6	-14.3	.

- Indicates zero cases.
. Percent change not calculated where number of cases is less than 5.

California Department of Public Health, Tuberculosis Control Branch

Table 14. Tuberculosis Case Rates per 100,000 Population: Reporting Jurisdictions in California, 1998-2007

Reporting Jurisdiction	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change 1998-2007	Percent Change 2006-2007
California	**11.7**	**10.8**	**9.7**	**9.6**	**9.0**	**9.0**	**8.2**	**7.9**	**7.4**	**7.2**	**-38.5**	**-2.7**
Alameda	17.2	17.0	17.9	14.3	14.4	12.6	10.3	10.9	10.0	10.5	-39.0	5.0
Alpine	.	.	.	.	.	.	.	.	.	.	.	.
Amador	.	.	.	.	.	.	.	.	.	.	.	.
Berkeley	6.9	16.6	.	11.6	10.5	4.8	.	10.6	4.7	5.6	-18.8	19.1
Butte	.	.	.	2.4	.	2.8	.	.	.	.	.	.
Calaveras	.	.	.	.	.	.	.	.	.	.	.	.
Colusa	.	.	.	.	.	.	.	.	.	.	.	.
Contra Costa	11.1	10.4	8.2	10.7	6.9	8.2	6.3	5.7	4.8	4.9	-55.9	2.1
Del Norte	.	.	.	.	.	.	.	.	.	.	.	.
El Dorado	.	.	.	3.1	.	.	.	.	.	.	.	.
Fresno	14.6	12.8	11.3	11.9	11.7	13.4	11.7	7.7	6.8	4.5	-69.2	-33.8
Glenn	.	.	.	.	.	.	.	.	.	.	.	.
Humboldt	12.0	6.3	4.7	5.5	4.7	.	.	.	.	.	.	.
Imperial	28.0	27.0	18.1	17.1	19.3	16.1	19.4	19.4	19.4	16.6	-40.7	-14.4
Inyo	.	.	.	.	.	.	.	.	.	.	.	.
Kern	7.5	9.5	7.4	7.2	8.2	6.5	4.8	5.5	5.0	4.9	-34.7	-2.0
Kings	14.6	8.6	5.4	8.3	4.4	.	.	6.1	.	3.9	-73.3	.
Lake	.	.	.	.	.	.	.	.	.	.	.	.
Lassen	.	.	.	.	.	.	.	.	.	.	.	.
Long Beach	12.8	19.5	13.7	10.7	12.5	13.5	11.1	10.8	7.9	7.9	-38.3	0.0
Los Angeles	14.9	13.3	11.9	11.4	11.0	10.1	9.8	9.5	9.2	8.4	-43.6	-8.7
Madera	5.9	7.4	11.2	8.6	9.2	10.4	3.6	6.3	.	.	.	.
Marin	8.2	4.1	4.4	6.0	4.8	6.8	5.2	4.0	2.4	6.3	-23.2	162.5
Mariposa	.	.	.	.	.	.	.	.	.	.	.	.
Mendocino	.	.	.	.	7.9	6.7	.	.	.	.	.	.
Merced	3.9	5.3	4.7	6.9	7.1	6.9	3.4	3.3	3.6	2.0	-48.7	-44.4
Modoc	.	.	.	.	.	.	.	.	.	.	.	.
Mono	.	.	.	.	.	.	.	.	.	.	.	.
Monterey	12.4	11.9	8.7	9.5	5.8	12.8	6.9	8.8	6.9	5.2	-58.1	-24.6
Napa	4.1	.	.	.	5.4	4.6	5.3	.	5.2	5.1	24.4	-1.9
Nevada	.	.	.	.	.	.	.	.	.	.	.	.
Orange	10.8	8.8	8.6	9.5	7.8	8.3	7.4	7.9	7.3	7.0	-35.2	-4.1
Pasadena	14.5	6.1	9.7	12.5	8.6	8.4	8.3	10.3	4.8	3.4	-76.6	-29.2
Placer	2.1	.	.	.	.	4.1	.	1.6	1.9	4.0	90.5	110.5
Plumas	.	.	.	.	.	.	.	.	.	.	.	.
Riverside	5.0	5.2	4.6	4.1	4.0	4.2	4.1	3.1	3.7	3.9	-22.0	5.4
Sacramento	9.6	8.1	9.7	10.2	8.0	11.5	11.9	10.4	7.0	7.8	-18.8	11.4
San Benito	.	9.6	.	10.8	.	.	.	.	.	.	.	.
San Bernardino	6.1	6.7	6.0	4.7	3.5	3.6	3.5	3.2	2.9	2.9	-52.5	0.0
San Diego	12.4	10.7	10.4	11.5	11.1	10.6	10.6	10.0	10.2	9.0	-27.4	-11.8
San Francisco	27.3	30.7	21.8	23.1	18.5	20.5	17.0	16.6	15.0	17.7	-35.2	18.0
San Joaquin	12.0	13.3	12.7	8.6	8.5	11.0	10.1	9.5	11.6	7.4	-38.3	-36.2
San Luis Obispo	6.7	2.5	3.6	4.4	2.4	3.1	.	3.1	.	.	.	.
San Mateo	11.5	8.8	6.5	10.9	9.4	7.2	7.8	8.6	10.7	11.9	3.5	11.2
Santa Barbara	8.2	6.6	5.5	6.4	4.4	8.9	4.3	6.2	3.6	3.3	-59.8	-8.3
Santa Clara	15.2	14.6	13.9	12.6	14.8	13.0	11.6	11.3	12.8	13.4	-11.8	4.7
Santa Cruz	4.8	5.5	.	2.7	2.3	3.5	3.5	3.8	2.3	3.8	-20.8	65.2
Shasta	.	3.1	3.0	.	.	4.6	.	3.3	2.8	.	.	.
Sierra	.	.	.	.	.	.	.	.	.	.	.	.
Siskiyou	.	.	.	.	.	.	.	.	.	.	.	.
Solano	13.2	8.2	6.8	8.6	6.3	7.2	10.0	9.5	5.9	8.7	-34.1	47.5
Sonoma	3.6	4.0	3.5	1.9	3.4	3.2	4.2	2.3	2.9	2.7	-25.0	-6.9
Stanislaus	5.8	7.5	4.0	3.9	4.6	3.5	3.8	2.2	3.1	2.8	-51.7	-9.7
Sutter	11.7	7.7	.	6.2	8.4	5.8	.	.	.	.	.	.
Tehama	.	.	.	.	.	.	.	.	.	.	.	.
Trinity	.	.	.	.	.	.	.	.	.	.	.	.
Tulare	7.5	6.0	4.6	4.0	4.9	4.0	5.2	3.6	4.9	5.7	-24.0	16.3
Tuolumne	14.8	.	.	.	.	.	.	.	.	.	.	.
Ventura	7.8	8.3	5.8	6.7	8.4	9.3	8.9	6.8	6.0	6.9	-11.5	15.0
Yolo	5.0	5.4	5.3	2.8	.	6.6	2.7	4.8	.	4.6	-8.0	.
Yuba	11.5	.	19.8	.	9.5	.	10.5	.	.	8.0	-30.4	.

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

California Department of Public Health, Tuberculosis Control Branch

Table 15. Tuberculosis Cases by Age Group: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	All Cases	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
California	**2,725**	**87**	**46**	**291**	**787**	**861**	**653**
Alameda	149	3	4	10	52	43	37
Berkeley	6	-	-	1	2	2	1
Contra Costa	51	3	-	6	12	19	11
Fresno	42	1	1	9	12	14	5
Imperial	29	1	1	1	8	13	5
Kern	40	2	-	8	12	15	3
Kings	6	-	-	-	4	2	-
Long Beach	39	2	-	1	10	11	15
Los Angeles	815	26	10	80	237	278	184
Marin	16	-	-	2	7	4	3
Merced	5	-	1	-	2	-	2
Monterey	22	-	1	2	8	6	5
Napa	7	-	-	-	4	1	2
Orange	217	9	2	23	53	70	60
Pasadena	5	-	-	-	1	1	3
Placer	13	4	-	-	6	1	2
Riverside	80	1	3	10	26	15	25
Sacramento	110	4	2	12	29	32	31
San Bernardino	59	1	2	1	27	16	12
San Diego	280	10	5	51	81	82	51
San Francisco	143	1	-	10	43	49	40
San Joaquin	51	4	2	6	12	17	10
San Mateo	87	2	1	9	17	34	24
Santa Barbara	14	-	-	2	3	5	4
Santa Clara	241	6	6	26	67	73	63
Santa Cruz	10	-	-	2	4	3	1
Solano	37	-	1	4	7	11	14
Sonoma	13	-	1	1	5	4	2
Stanislaus	15	-	-	2	6	3	4
Tulare	25	1	-	1	9	5	9
Ventura	57	4	3	6	10	19	15
Yolo	9	-	-	1	3	3	2
Yuba	6	-	-	2	2	1	1
All Other Jurisdictions*	26	2	-	2	6	9	7

- Indicates zero cases.
* Reporting jurisdictions with fewer than 5 cases.

California Department of Public Health, Tuberculosis Control Branch

Table 16. Tuberculosis Cases in Persons 0-4 Years of Age: Reporting Jurisdictions in California, 1999-2007

Reporting Jurisdiction	1999		2000		2001		2002		2003		2004		2005		2006		2007	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**153**	**4.2**	**115**	**3.5**	**132**	**4.0**	**127**	**4.0**	**131**	**4.1**	**117**	**3.9**	**85**	**2.9**	**91**	**3.3**	**87**	**3.2**
Alameda	8	3.6	5	2.1	3	1.5	13	6.5	3	1.7	1	0.7	3	1.9	-	-	3	2.0
Contra Costa	8	8.2	2	2.6	5	4.8	1	1.4	5	6.1	-	-	-	-	1	2.0	3	5.9
Fresno	5	5.0	7	7.7	11	11.3	25	25.3	27	23.5	19	18.6	5	7.2	3	4.8	1	2.4
Imperial	11	28.9	-	-	-	-	1	3.4	-	-	2	6.5	2	6.3	3	9.1	1	3.4
Kern	3	4.8	5	10.2	1	1.9	1	1.7	2	4.3	3	8.3	1	2.4	1	2.4	2	5.0
Long Beach	8	9.1	5	7.9	1	2.0	9	15.3	4	6.2	1	1.9	-	-	-	-	2	5.1
Los Angeles	38	3.3	36	3.4	31	3.0	20	2.0	21	2.2	27	2.9	26	2.9	31	3.5	26	3.2
Marin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	-	-	-	-	2	13.3	1	5.9	-	-	-	-	-	-	-	-	-	-
Monterey	5	10.4	4	10.3	3	7.9	-	-	7	13.0	3	10.3	1	2.7	3	10.3	-	-
Orange	5	2.0	10	4.1	13	4.7	9	3.9	6	2.4	4	1.7	4	1.7	8	3.5	9	4.1
Pasadena	-	-	1	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	5	6.3	2	2.9	-	-	5	7.4	4	5.4	4	5.3	1	1.7	1	1.4	1	1.3
Sacramento	-	-	3	2.5	4	3.1	8	7.7	2	1.3	6	3.8	4	2.8	-	-	4	3.6
San Bernardino	5	4.4	3	2.9	8	9.6	1	1.6	1	1.5	3	4.4	3	4.8	3	5.2	1	1.7
San Diego	18	6.0	13	4.4	18	5.4	10	3.1	15	4.7	15	4.7	14	4.6	19	6.0	10	3.6
San Francisco	5	2.1	2	1.2	4	2.2	3	2.1	2	1.2	5	3.7	2	1.5	1	0.8	1	0.7
San Joaquin	3	4.1	3	4.2	1	2.0	-	-	2	2.9	3	4.6	4	6.3	3	3.8	4	7.8
San Mateo	2	3.2	2	4.3	3	3.9	5	7.4	4	7.7	1	1.8	2	3.2	-	-	2	2.3
Santa Barbara	-	-	-	-	2	7.7	2	11.8	4	10.8	-	-	2	7.7	-	-	-	-
Santa Clara	7	2.9	4	1.7	9	4.2	4	1.6	7	3.1	4	2.0	3	1.5	6	2.6	6	2.5
Solano	4	12.5	2	7.4	4	11.4	2	7.7	3	10.3	2	4.8	-	-	3	11.1	-	-
Sonoma	1	5.6	1	6.3	-	-	1	5.9	-	-	2	9.5	-	-	-	-	-	-
Stanislaus	1	3.0	-	-	-	-	-	-	-	-	2	10.5	-	-	-	-	-	-
Tulare	-	-	-	-	1	6.7	2	10.5	1	6.3	4	19.0	-	-	2	9.5	1	4.0
Ventura	5	8.1	1	2.3	1	1.9	2	3.0	7	9.6	3	4.2	-	-	1	2.0	4	7.0
All Other Jurisdictions*	6	5.4	4	3.6	7	6.5	2	2.2	4	3.5	3	4.3	8	8.6	2	3.1	6	7.2

- Indicates zero cases or zero percent.
* Reporting jurisdictions with fewer than 5 total cases in any year.

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Table 17. Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Race/Ethnicity							
		White Not Hispanic	Black Not Hispanic	Hispanic	Asian	Amer Indian/ Alaska Native	Nat Hawaiian/ Pacific Islander	Multi-race*	Unknown
California	**2,725**	**237**	**215**	**993**	**1,243**	**6**	**17**	**4**	**10**
Alameda	149	10	30	13	90	1	4	-	1
Berkeley	6	1	-	2	3	-	-	-	-
Contra Costa	51	5	12	12	20	-	2	-	-
Fresno	42	6	3	18	14	1	-	-	-
Imperial	29	1	-	28	-	-	-	-	-
Kern	40	8	3	24	4	1	-	-	-
Kings	6	-	-	4	2	-	-	-	-
Long Beach	39	3	5	11	20	-	-	-	-
Los Angeles	815	54	74	356	329	-	1	-	1
Marin	16	3	1	9	2	-	1	-	-
Merced	5	-	-	4	1	-	-	-	-
Monterey	22	-	-	14	8	-	-	-	-
Napa	7	2	-	3	2	-	-	-	-
Orange	217	15	6	60	135	-	-	1	-
Pasadena	5	3	-	1	1	-	-	-	-
Placer	13	-	1	6	6	-	-	-	-
Riverside	80	14	4	40	22	-	-	-	-
Sacramento	110	16	4	20	65	-	3	-	2
San Bernardino	59	13	7	25	9	-	1	-	4
San Diego	280	14	22	144	99	-	1	-	-
San Francisco	143	13	13	35	81	1	-	-	-
San Joaquin	51	5	4	27	14	-	-	1	-
San Mateo	87	7	1	15	61	-	1	2	-
Santa Barbara	14	3	2	8	1	-	-	-	-
Santa Clara	241	9	10	40	178	-	2	-	2
Santa Cruz	10	3	-	3	3	-	1	-	-
Solano	37	5	7	3	21	1	-	-	-
Sonoma	13	3	2	4	4	-	-	-	-
Stanislaus	15	-	-	9	6	-	-	-	-
Tulare	25	4	1	18	2	-	-	-	-
Ventura	57	7	1	22	27	-	-	-	-
Yolo	9	1	2	2	4	-	-	-	-
Yuba	6	1	-	2	3	-	-	-	-
All Other Jurisdictions**	26	8	-	11	6	1	-	-	-

* Two or more races reported.
- Indicates zero cases.
** Reporting jurisdictions with fewer than 5 cases.

Table 18. Tuberculosis Cases by U.S.-born and Foreign-born Persons: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	All Cases	U.S.-born		Foreign-born		Unknown	
		No.	%	No.	%	No.	%
California	**2,725**	**590**	**21.7**	**2,113**	**77.5**	**22**	**0.8**
Alameda	149	42	28.2	107	71.8	-	-
Berkeley	6	1	16.7	5	83.3	-	-
Contra Costa	51	19	37.3	32	62.7	-	-
Fresno	42	12	28.6	30	71.4	-	-
Imperial	29	7	24.1	22	75.9	-	-
Kern	40	15	37.5	25	62.5	-	-
Kings	6	-	-	6	100.0	-	-
Long Beach	39	9	23.1	29	74.4	1	2.6
Los Angeles	815	167	20.5	646	79.3	2	0.2
Marin	16	3	18.8	13	81.3	-	-
Merced	5	-	-	5	100.0	-	-
Monterey	22	2	9.1	20	90.9	-	-
Napa	7	2	28.6	5	71.4	-	-
Orange	217	28	12.9	188	86.6	1	0.5
Pasadena	5	1	20.0	3	60.0	1	20.0
Placer	13	3	23.1	10	76.9	-	-
Riverside	80	24	30.0	54	67.5	2	2.5
Sacramento	110	30	27.3	75	68.2	5	4.5
San Bernardino	59	22	37.3	31	52.5	6	10.2
San Diego	280	55	19.6	225	80.4	-	-
San Francisco	143	35	24.5	108	75.5	-	-
San Joaquin	51	19	37.3	31	60.8	1	2.0
San Mateo	87	9	10.3	78	89.7	-	-
Santa Barbara	14	7	50.0	7	50.0	-	-
Santa Clara	241	18	7.5	220	91.3	3	1.2
Santa Cruz	10	3	30.0	7	70.0	-	-
Solano	37	12	32.4	25	67.6	-	-
Sonoma	13	4	30.8	9	69.2	-	-
Stanislaus	15	1	6.7	14	93.3	-	-
Tulare	25	9	36.0	16	64.0	-	-
Ventura	57	16	28.1	41	71.9	-	-
Yolo	9	4	44.4	5	55.6	-	-
Yuba	6	1	16.7	5	83.3	-	-
All Other Jurisdictions*	26	10	38.5	16	61.5	-	-

- Indicates zero cases or zero percent.

* Reporting jurisdictions with fewer than 5 cases.

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Table 19. Tuberculosis Cases in Foreign-born Persons by Time in the United States: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Foreign-born Cases	≤1 year		1-2 years		3-5 years		6-10 years		11-20 years		>20 years		Unknown Time in U.S.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,113**	**361**	**17.1**	**98**	**4.6**	**210**	**9.9**	**310**	**14.7**	**452**	**21.4**	**577**	**27.3**	**105**	**5.0**
Alameda	107	18	16.8	6	5.6	7	6.5	15	14.0	28	26.2	23	21.5	10	9.3
Berkeley	5	-	-	-	-	1	20.0	-	-	3	60.0	1	20.0	-	-
Contra Costa	32	7	21.9	-	-	5	15.6	8	25.0	5	15.6	6	18.8	1	3.1
Fresno	30	4	13.3	2	6.7	5	16.7	2	6.7	3	10.0	13	43.3	1	3.3
Imperial	22	2	9.1	1	4.5	1	4.5	1	4.5	2	9.1	15	68.2	-	-
Kern	25	4	16.0	2	8.0	2	8.0	3	12.0	6	24.0	7	28.0	1	4.0
Kings	6	-	-	-	-	1	16.7	1	16.7	2	33.3	2	33.3	-	-
Long Beach	29	4	13.8	1	3.4	2	6.9	2	6.9	4	13.8	12	41.4	4	13.8
Los Angeles	646	91	14.1	29	4.5	66	10.2	96	14.9	155	24.0	178	27.6	31	4.8
Marin	13	4	30.8	2	15.4	2	15.4	3	23.1	-	-	1	7.7	1	7.7
Merced	5	2	40.0	-	-	1	20.0	-	-	1	20.0	1	20.0	-	-
Monterey	20	3	15.0	1	5.0	2	10.0	2	10.0	5	25.0	7	35.0	-	-
Napa	5	-	-	-	-	-	-	2	40.0	3	60.0	-	-	-	-
Orange	188	28	14.9	7	3.7	12	6.4	35	18.6	44	23.4	56	29.8	6	3.2
Pasadena	3	1	33.3	-	-	-	-	-	-	-	-	1	33.3	1	33.3
Placer	10	6	60.0	-	-	2	20.0	-	-	-	-	1	10.0	1	10.0
Riverside	54	7	13.0	4	7.4	7	13.0	15	27.8	7	13.0	14	25.9	-	-
Sacramento	75	11	14.7	4	5.3	5	6.7	7	9.3	23	30.7	20	26.7	5	6.7
San Bernardino	31	6	19.4	1	3.2	1	3.2	5	16.1	4	12.9	4	12.9	10	32.3
San Diego	225	35	15.6	13	5.8	26	11.6	30	13.3	55	24.4	63	28.0	3	1.3
San Francisco	108	24	22.2	10	9.3	13	12.0	12	11.1	19	17.6	30	27.8	-	-
San Joaquin	31	5	16.1	-	-	5	16.1	2	6.5	5	16.1	13	41.9	1	3.2
San Mateo	78	15	19.2	2	2.6	8	10.3	7	9.0	14	17.9	32	41.0	-	-
Santa Barbara	7	1	14.3	-	-	1	14.3	2	28.6	1	14.3	2	28.6	-	-
Santa Clara	220	48	21.8	9	4.1	22	10.0	41	18.6	39	17.7	51	23.2	10	4.5
Santa Cruz	7	-	-	-	-	3	42.9	3	42.9	1	14.3	-	-	-	-
Solano	25	5	20.0	2	8.0	2	8.0	3	12.0	6	24.0	5	20.0	2	8.0
Sonoma	9	1	11.1	-	-	1	11.1	2	22.2	3	33.3	2	22.2	-	-
Stanislaus	14	3	21.4	-	-	1	7.1	2	14.3	4	28.6	4	28.6	-	-
Tulare	16	1	6.3	-	-	-	-	-	-	1	6.3	-	-	14	87.5
Ventura	41	19	46.3	2	4.9	4	9.8	2	4.9	4	9.8	9	22.0	1	2.4
Yolo	5	-	-	-	-	-	-	2	40.0	1	20.0	2	40.0	-	-
Yuba	5	-	-	-	-	1	20.0	1	20.0	2	40.0	-	-	1	20.0
All Other Jurisdictions*	16	6	37.5	-	-	1	6.3	4	25.0	2	12.5	2	12.5	1	6.3

- Indicates zero cases or zero percent.
* Reporting jurisdictions with fewer than 5 total cases.

Table 20. Tuberculosis Cases by Form of Disease: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Pulmonary*		Extrapulmonary**		Both Pulmonary and Extrapulmonary Disease	
		No.	%	No.	%	No.	%
California	**2,725**	**1,936**	**71.0**	**557**	**20.4**	**232**	**8.5**
Alameda	149	98	65.8	38	25.5	13	8.7
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	6	4	66.7	2	33.3	-	-
Butte	3	3	100.0	-	-	-	-
Calaveras	1	1	100.0	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	51	33	64.7	13	25.5	5	9.8
Del Norte	-	-	-	-	-	-	-
El Dorado	3	3	100.0	-	-	-	-
Fresno	42	30	71.4	10	23.8	2	4.8
Glenn	2	1	50.0	1	50.0	-	-
Humboldt	-	-	-	-	-	-	-
Imperial	29	27	93.1	2	6.9	-	-
Inyo	-	-	-	-	-	-	-
Kern	40	30	75.0	5	12.5	5	12.5
Kings	6	4	66.7	1	16.7	1	16.7
Lake	1	1	100.0	-	-	-	-
Lassen	-	-	-	-	-	-	-
Long Beach	39	30	76.9	8	20.5	1	2.6
Los Angeles	815	608	74.6	156	19.1	51	6.3
Madera	1	1	100.0	-	-	-	-
Marin	16	10	62.5	3	18.8	3	18.8
Mariposa	-	-	-	-	-	-	-
Mendocino	3	2	66.7	-	-	1	33.3
Merced	5	3	60.0	2	40.0	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	22	14	63.6	5	22.7	3	13.6
Napa	7	5	71.4	2	28.6	-	-
Nevada	-	-	-	-	-	-	-
Orange	217	142	65.4	52	24.0	23	10.6
Pasadena	5	4	80.0	1	20.0	-	-
Placer	13	10	76.9	2	15.4	1	7.7
Plumas	-	-	-	-	-	-	-
Riverside	80	66	82.5	11	13.8	3	3.8
Sacramento	110	87	79.1	19	17.3	4	3.6
San Benito	-	-	-	-	-	-	-
San Bernardino	59	47	79.7	10	16.9	2	3.4
San Diego	280	176	62.9	46	16.4	58	20.7
San Francisco	143	104	72.7	26	18.2	13	9.1
San Joaquin	51	29	56.9	13	25.5	9	17.6
San Luis Obispo	3	3	100.0	-	-	-	-
San Mateo	87	56	64.4	25	28.7	6	6.9
Santa Barbara	14	11	78.6	3	21.4	-	-
Santa Clara	241	156	64.7	70	29.0	15	6.2
Santa Cruz	10	7	70.0	2	20.0	1	10.0
Shasta	4	3	75.0	1	25.0	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	37	26	70.3	8	21.6	3	8.1
Sonoma	13	6	46.2	6	46.2	1	7.7
Stanislaus	15	10	66.7	4	26.7	1	6.7
Sutter	1	1	100.0	-	-	-	-
Tehama	4	4	100.0	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	25	21	84.0	3	12.0	1	4.0
Tuolumne	-	-	-	-	-	-	-
Ventura	57	46	80.7	5	8.8	6	10.5
Yolo	9	7	77.8	2	22.2	-	-
Yuba	6	6	100.0	-	-	-	-

* Includes cases with pulmonary listed as major site of disease and no additional site of disease.

** Includes cases with pleural, lymphatic, bone and/or joint, meningeal, miliary, peritoneal, or other site listed as major site of disease. No cases with pulmonary listed as either major or additional site of disease are included.

- Indicates zero cases or zero percent.

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Table 21. Tuberculosis Cases by Verification Criteria: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Positive Culture		Positive Smear		Clinical Case		Provider Diagnosis	
		No.	%	No.	%	No.	%	No.	%
California	**2,725**	**2,189**	**80.3**	**9**	**0.3**	**326**	**12.0**	**201**	**7.4**
Alameda	149	119	79.9	1	0.7	19	12.8	10	6.7
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	6	5	83.3	-	-	-	-	1	16.7
Butte	3	2	66.7	-	-	1	33.3	-	-
Calaveras	1	1	100.0	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-
Contra Costa	51	33	64.7	-	-	11	21.6	7	13.7
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	3	3	100.0	-	-	-	-	-	-
Fresno	42	34	81.0	-	-	4	9.5	4	9.5
Glenn	2	2	100.0	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-
Imperial	29	28	96.6	-	-	1	3.4	-	-
Inyo	-	-	-	-	-	-	-	-	-
Kern	40	32	80.0	-	-	6	15.0	2	5.0
Kings	6	4	66.7	-	-	2	33.3	-	-
Lake	1	1	100.0	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	39	32	82.1	-	-	6	15.4	1	2.6
Los Angeles	815	654	80.2	1	0.1	112	13.7	48	5.9
Madera	1	1	100.0	-	-	-	-	-	-
Marin	16	9	56.3	-	-	3	18.8	4	25.0
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	3	-	-	-	-	-	-	3	100.0
Merced	5	4	80.0	-	-	-	-	1	20.0
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	22	18	81.8	-	-	-	-	4	18.2
Napa	7	6	85.7	-	-	1	14.3	-	-
Nevada	-	-	-	-	-	-	-	-	-
Orange	217	187	86.2	-	-	24	11.1	6	2.8
Pasadena	5	4	80.0	-	-	-	-	1	20.0
Placer	13	9	69.2	-	-	4	30.8	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	80	73	91.3	1	1.3	2	2.5	4	5.0
Sacramento	110	80	72.7	2	1.8	18	16.4	10	9.1
San Benito	-	-	-	-	-	-	-	-	-
San Bernardino	59	54	91.5	-	-	1	1.7	4	6.8
San Diego	280	247	88.2	1	0.4	16	5.7	16	5.7
San Francisco	143	109	76.2	-	-	29	20.3	5	3.5
San Joaquin	51	36	70.6	1	2.0	13	25.5	1	2.0
San Luis Obispo	3	3	100.0	-	-	-	-	-	-
San Mateo	87	68	78.2	-	-	6	6.9	13	14.9
Santa Barbara	14	13	92.9	-	-	1	7.1	-	-
Santa Clara	241	196	81.3	-	-	26	10.8	19	7.9
Santa Cruz	10	6	60.0	-	-	2	20.0	2	20.0
Shasta	4	2	50.0	-	-	-	-	2	50.0
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	37	31	83.8	1	2.7	3	8.1	2	5.4
Sonoma	13	12	92.3	-	-	1	7.7	-	-
Stanislaus	15	12	80.0	-	-	1	6.7	2	13.3
Sutter	1	1	100.0	-	-	-	-	-	-
Tehama	4	3	75.0	-	-	-	-	1	25.0
Trinity	-	-	-	-	-	-	-	-	-
Tulare	25	16	64.0	1	4.0	3	12.0	5	20.0
Tuolumne	-	-	-	-	-	-	-	-	-
Ventura	57	27	47.4	-	-	10	17.5	20	35.1
Yolo	9	7	77.8	-	-	-	-	2	22.2
Yuba	6	5	83.3	-	-	-	-	1	16.7

- Indicates zero cases or zero percent.

Table 22. Tuberculosis Cases by Sputum Smear Status: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Pulmonary Cases	Sputum Smear Results							
		Smear Positive		Smear Negative		Smear Not Done		Unknown	
		No.	%	No.	%	No.	%	No.	%
California	**2,168**	**1,032**	**47.6**	**1,002**	**46.2**	**131**	**6.0**	**3**	**0.1**
Alameda	111	39	35.1	65	58.6	7	6.3	-	-
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	4	1	25.0	3	75.0	-	-	-	-
Butte	3	1	33.3	2	66.7	-	-	-	-
Calaveras	1	-	-	1	100.0	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-
Contra Costa	38	15	39.5	20	52.6	3	7.9	-	-
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	3	-	-	3	100.0	-	-	-	-
Fresno	32	15	46.9	13	40.6	4	12.5	-	-
Glenn	1	1	100.0	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-
Imperial	27	18	66.7	9	33.3	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-
Kern	35	20	57.1	13	37.1	2	5.7	-	-
Kings	5	4	80.0	1	20.0	-	-	-	-
Lake	1	-	-	1	100.0	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	31	19	61.3	10	32.3	2	6.5	-	-
Los Angeles	659	360	54.6	260	39.5	39	5.9	-	-
Madera	1	1	100.0	-	-	-	-	-	-
Marin	13	-	-	10	76.9	3	23.1	-	-
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	3	-	-	2	66.7	1	33.3	-	-
Merced	3	2	66.7	1	33.3	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	17	5	29.4	12	70.6	-	-	-	-
Napa	5	1	20.0	4	80.0	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-
Orange	165	97	58.8	64	38.8	4	2.4	-	-
Pasadena	4	2	50.0	1	25.0	1	25.0	-	-
Placer	11	4	36.4	2	18.2	5	45.5	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	69	29	42.0	33	47.8	5	7.2	2	2.9
Sacramento	91	44	48.4	39	42.9	8	8.8	-	-
San Benito	-	-	-	-	-	-	-	-	-
San Bernardino	49	32	65.3	17	34.7	-	-	-	-
San Diego	234	107	45.7	113	48.3	14	6.0	-	-
San Francisco	117	38	32.5	76	65.0	3	2.6	-	-
San Joaquin	38	16	42.1	17	44.7	5	13.2	-	-
San Luis Obispo	3	2	66.7	1	33.3	-	-	-	-
San Mateo	62	18	29.0	41	66.1	3	4.8	-	-
Santa Barbara	11	8	72.7	3	27.3	-	-	-	-
Santa Clara	171	71	41.5	92	53.8	7	4.1	1	0.6
Santa Cruz	8	2	25.0	6	75.0	-	-	-	-
Shasta	3	1	33.3	1	33.3	1	33.3	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	29	11	37.9	16	55.2	2	6.9	-	-
Sonoma	7	2	28.6	4	57.1	1	14.3	-	-
Stanislaus	11	6	54.5	5	45.5	-	-	-	-
Sutter	1	1	100.0	-	-	-	-	-	-
Tehama	4	3	75.0	1	25.0	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	22	10	45.5	8	36.4	4	18.2	-	-
Tuolumne	-	-	-	-	-	-	-	-	-
Ventura	52	21	40.4	24	46.2	7	13.5	-	-
Yolo	7	3	42.9	4	57.1	-	-	-	-
Yuba	6	2	33.3	4	66.7	-	-	-	-

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 23. Tuberculosis Cases by Chest X-ray Status: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Pulmonary Cases	Cases with Abnormal Chest X-ray	Type of Abnormal Finding: Cavitary		Non-Cavitary Consistent w/ TB		Non-Cavitary Not Consistent w/ TB		Unknown	
			No.	%	No.	%	No.	%	No.	%
California	**2,168**	**2,107**	**497**	**23.6**	**1,576**	**74.8**	**29**	**1.4**	**5**	**0.2**
Alameda	111	108	17	15.7	90	83.3	1	0.9	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	4	4	1	25.0	2	50.0	1	25.0	-	-
Butte	3	3	-	-	3	100.0	-	-	-	-
Calaveras	1	1	-	-	1	100.0	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	38	37	8	21.6	29	78.4	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	2	-	-	2	100.0	-	-	-	-
Fresno	32	32	11	34.4	21	65.6	-	-	-	-
Glenn	1	1	1	100.0	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	27	27	6	22.2	20	74.1	-	-	1	3.7
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	35	32	10	31.3	22	68.8	-	-	-	-
Kings	5	5	2	40.0	2	40.0	1	20.0	-	-
Lake	1	1	-	-	1	100.0	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	31	30	5	16.7	25	83.3	-	-	-	-
Los Angeles	659	639	159	24.9	479	75.0	1	0.2	-	-
Madera	1	1	-	-	1	100.0	-	-	-	-
Marin	13	13	1	7.7	12	92.3	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	3	3	-	-	1	33.3	1	33.3	1	33.3
Merced	3	3	2	66.7	1	33.3	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	17	15	3	20.0	11	73.3	1	6.7	-	-
Napa	5	5	1	20.0	2	40.0	2	40.0	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	165	161	34	21.1	125	77.6	2	1.2	-	-
Pasadena	4	4	-	-	3	75.0	1	25.0	-	-
Placer	11	11	3	27.3	8	72.7	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	69	66	13	19.7	48	72.7	5	7.6	-	-
Sacramento	91	91	24	26.4	65	71.4	2	2.2	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	49	47	15	31.9	31	66.0	-	-	1	2.1
San Diego	234	224	50	22.3	173	77.2	1	0.4	-	-
San Francisco	117	117	20	17.1	97	82.9	-	-	-	-
San Joaquin	38	37	15	40.5	22	59.5	-	-	-	-
San Luis Obispo	3	3	1	33.3	1	33.3	1	33.3	-	-
San Mateo	62	60	20	33.3	38	63.3	2	3.3	-	-
Santa Barbara	11	10	2	20.0	8	80.0	-	-	-	-
Santa Clara	171	166	31	18.7	134	80.7	1	0.6	-	-
Santa Cruz	8	7	3	42.9	3	42.9	-	-	1	14.3
Shasta	3	3	-	-	3	100.0	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	29	29	7	24.1	20	69.0	2	6.9	-	-
Sonoma	7	7	3	42.9	4	57.1	-	-	-	-
Stanislaus	11	11	4	36.4	6	54.5	1	9.1	-	-
Sutter	1	1	-	-	-	-	-	-	1	100.0
Tehama	4	4	3	75.0	1	25.0	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	22	22	7	31.8	14	63.6	1	4.5	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	52	51	11	21.6	39	76.5	1	2.0	-	-
Yolo	7	7	1	14.3	5	71.4	1	14.3	-	-
Yuba	6	6	3	50.0	3	50.0	-	-	-	-

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 24. Tuberculosis Cases by Vital Status at Diagnosis and Initiation of Treatment: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Dead at Diagnosis		Alive at Diagnosis		Alive and Started Treatment	
		No.	%	No.	%	No.	%
California	**2,725**	**49**	**1.8**	**2,675**	**98.2**	**2,644**	**97.0**
Alameda	149	-	-	149	100.0	147	98.7
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	6	-	-	6	100.0	6	100.0
Butte	3	-	-	3	100.0	3	100.0
Calaveras	1	-	-	1	100.0	1	100.0
Colusa	-	-	-	-	-	-	-
Contra Costa	51	1	2.0	50	98.0	50	98.0
Del Norte	-	-	-	-	-	-	-
El Dorado	3	-	-	3	100.0	3	100.0
Fresno	42	1	2.4	41	97.6	41	97.6
Glenn	2	-	-	2	100.0	2	100.0
Humboldt	-	-	-	-	-	-	-
Imperial	29	-	-	29	100.0	26	89.7
Inyo	-	-	-	-	-	-	-
Kern	40	-	-	40	100.0	40	100.0
Kings	6	-	-	6	100.0	6	100.0
Lake	1	-	-	1	100.0	1	100.0
Lassen	-	-	-	-	-	-	-
Long Beach	39	1	2.6	38	97.4	38	97.4
Los Angeles	815	17	2.1	798	97.9	786	96.4
Madera	1	-	-	1	100.0	1	100.0
Marin	16	-	-	16	100.0	16	100.0
Mariposa	-	-	-	-	-	-	-
Mendocino	3	-	-	3	100.0	3	100.0
Merced	5	-	-	5	100.0	4	80.0
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	22	-	-	22	100.0	22	100.0
Napa	7	-	-	7	100.0	7	100.0
Nevada	-	-	-	-	-	-	-
Orange	217	6	2.8	211	97.2	210	96.8
Pasadena	5	-	-	5	100.0	5	100.0
Placer	13	-	-	13	100.0	13	100.0
Plumas	-	-	-	-	-	-	-
Riverside	80	4	5.0	76	95.0	75	93.8
Sacramento	110	3	2.7	107	97.3	107	97.3
San Benito	-	-	-	-	-	-	-
San Bernardino	59	1	1.7	58	98.3	55	93.2
San Diego	280	6	2.1	274	97.9	273	97.5
San Francisco	143	1	0.7	142	99.3	142	99.3
San Joaquin	51	2	3.9	48	94.1	48	94.1
San Luis Obispo	3	-	-	3	100.0	3	100.0
San Mateo	87	4	4.6	83	95.4	82	94.3
Santa Barbara	14	-	-	14	100.0	14	100.0
Santa Clara	241	1	0.4	240	99.6	238	98.8
Santa Cruz	10	-	-	10	100.0	10	100.0
Shasta	4	-	-	4	100.0	4	100.0
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	37	-	-	37	100.0	36	97.3
Sonoma	13	-	-	13	100.0	12	92.3
Stanislaus	15	-	-	15	100.0	15	100.0
Sutter	1	-	-	1	100.0	1	100.0
Tehama	4	-	-	4	100.0	4	100.0
Trinity	-	-	-	-	-	-	-
Tulare	25	-	-	25	100.0	25	100.0
Tuolumne	-	-	-	-	-	-	-
Ventura	57	1	1.8	56	98.2	54	94.7
Yolo	9	-	-	9	100.0	9	100.0
Yuba	6	-	-	6	100.0	6	100.0

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 25. Deaths in Persons with Tuberculosis: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Total Cases	Total Deaths		Timing of Death: Dead at Diagnosis		Timing of Death: Died Before Starting TB Treatment		Timing of Death: Died During TB Treatment	
		No.	%	No.	%	No.	%	No.	%
California	**2,900**	**267**	**9.2**	**43**	**1.5**	**16**	**0.6**	**208**	**7.2**
Alameda	154	12	7.8	-	-	1	0.6	11	7.1
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	9	1	11.1	-	-	-	-	1	11.1
Butte	3	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-
Contra Costa	58	4	6.9	-	-	-	-	4	6.9
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	4	-	-	-	-	-	-	-	-
Fresno	69	5	7.2	1	1.4	-	-	4	5.8
Glenn	-	-	-	-	-	-	-	-	-
Humboldt	4	-	-	-	-	-	-	-	-
Imperial	32	3	9.4	1	3.1	-	-	2	6.3
Inyo	-	-	-	-	-	-	-	-	-
Kern	42	1	2.4	-	-	-	-	1	2.4
Kings	9	3	33.3	-	-	-	-	3	33.3
Lake	-	-	-	-	-	-	-	-	-
Lassen	2	-	-	-	-	-	-	-	-
Long Beach	53	8	15.1	2	3.8	-	-	6	11.3
Los Angeles	905	105	11.6	8	0.9	11	1.2	86	9.5
Madera	9	-	-	-	-	-	-	-	-
Marin	10	1	10.0	-	-	-	-	1	10.0
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	2	-	-	-	-	-	-	-	-
Merced	8	1	12.5	-	-	-	-	1	12.5
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	37	5	13.5	-	-	-	-	5	13.5
Napa	3	-	-	-	-	-	-	-	-
Nevada	2	1	50.0	-	-	-	-	1	50.0
Orange	242	27	11.2	6	2.5	-	-	21	8.7
Pasadena	15	2	13.3	1	6.7	-	-	1	6.7
Placer	5	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	60	4	6.7	2	3.3	-	-	2	3.3
Sacramento	142	7	4.9	1	0.7	2	1.4	4	2.8
San Benito	-	-	-	-	-	-	-	-	-
San Bernardino	63	7	11.1	2	3.2	-	-	5	7.9
San Diego	305	17	5.6	4	1.3	-	-	13	4.3
San Francisco	132	17	12.9	5	3.8	-	-	12	9.1
San Joaquin	63	1	1.6	-	-	-	-	1	1.6
San Luis Obispo	8	-	-	-	-	-	-	-	-
San Mateo	62	6	9.7	1	1.6	-	-	5	8.1
Santa Barbara	26	1	3.8	1	3.8	-	-	-	-
Santa Clara	199	14	7.0	5	2.5	1	0.5	8	4.0
Santa Cruz	10	-	-	-	-	-	-	-	-
Shasta	6	2	33.3	2	33.3	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	1	-	-	-	-	-	-	-	-
Solano	38	3	7.9	-	-	-	-	3	7.9
Sonoma	11	1	9.1	-	-	-	-	1	9.1
Stanislaus	11	-	-	-	-	-	-	-	-
Sutter	1	-	-	-	-	-	-	-	-
Tehama	4	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	15	2	13.3	-	-	1	6.7	1	6.7
Tuolumne	-	-	-	-	-	-	-	-	-
Ventura	55	4	7.3	1	1.8	-	-	3	5.5
Yolo	9	2	22.2	-	-	-	-	2	22.2
Yuba	2	-	-	-	-	-	-	-	-

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 26. Tuberculosis Cases by Initial Drug Regimen: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Cases Alive at Diagnosis	Cases Started on Initial Drug Regimen		Initial Drug Regimen* (%)				
		No.	%	IR	IRZ	IRE	IRZ,E/S	Other
California	**2,675**	**2,644**	**98.8**	**0.9**	**2.5**	**2.4**	**88.3**	**5.9**
Alameda	149	147	98.7	-	-	0.7	93.2	6.1
Alpine	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-
Berkeley	6	6	100.0	-	-	-	100.0	-
Butte	3	3	100.0	-	-	-	66.7	33.3
Calaveras	1	1	100.0	-	-	-	100.0	-
Colusa	-	-	-	-	-	-	-	-
Contra Costa	50	50	100.0	-	2.0	2.0	96.0	-
Del Norte	-	-	-	-	-	-	-	-
El Dorado	3	3	100.0	-	33.3	-	66.7	-
Fresno	41	41	100.0	-	4.9	-	85.4	9.8
Glenn	2	2	100.0	-	-	-	100.0	-
Humboldt	-	-	-	-	-	-	-	-
Imperial	29	26	89.7	-	-	3.8	88.5	7.7
Inyo	-	-	-	-	-	-	-	-
Kern	40	40	100.0	-	-	-	92.5	7.5
Kings	6	6	100.0	-	-	-	100.0	-
Lake	1	1	100.0	-	-	-	100.0	-
Lassen	-	-	-	-	-	-	-	-
Long Beach	38	38	100.0	-	5.3	13.2	76.3	5.3
Los Angeles	798	786	98.5	1.7	1.4	2.9	89.2	4.8
Madera	1	1	100.0	-	-	-	100.0	-
Marin	16	16	100.0	6.3	-	12.5	75.0	6.3
Mariposa	-	-	-	-	-	-	-	-
Mendocino	3	3	100.0	-	-	-	100.0	-
Merced	5	4	80.0	-	25.0	-	50.0	25.0
Modoc	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-
Monterey	22	22	100.0	4.5	-	-	95.5	-
Napa	7	7	100.0	-	-	-	100.0	-
Nevada	-	-	-	-	-	-	-	-
Orange	211	210	99.5	-	0.5	1.9	88.1	9.5
Pasadena	5	5	100.0	-	-	-	80.0	20.0
Placer	13	13	100.0	-	7.7	-	92.3	-
Plumas	-	-	-	-	-	-	-	-
Riverside	76	75	98.7	-	5.3	1.3	88.0	5.3
Sacramento	107	107	100.0	0.9	2.8	0.9	91.6	3.7
San Benito	-	-	-	-	-	-	-	-
San Bernardino	58	55	94.8	1.8	5.5	1.8	85.5	5.5
San Diego	274	273	99.6	0.7	5.5	2.9	80.2	10.6
San Francisco	142	142	100.0	0.7	0.7	3.5	85.9	9.2
San Joaquin	48	48	100.0	-	6.3	2.1	89.6	2.1
San Luis Obispo	3	3	100.0	-	-	-	66.7	33.3
San Mateo	83	82	98.8	-	4.9	1.2	92.7	1.2
Santa Barbara	14	14	100.0	-	-	7.1	92.9	-
Santa Clara	240	238	99.2	-	1.7	1.3	93.7	3.4
Santa Cruz	10	10	100.0	-	10.0	-	90.0	-
Shasta	4	4	100.0	-	50.0	-	50.0	-
Sierra	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-
Solano	37	36	97.3	-	8.3	2.8	80.6	8.3
Sonoma	13	12	92.3	8.3	-	-	91.7	-
Stanislaus	15	15	100.0	-	6.7	-	80.0	13.3
Sutter	1	1	100.0	-	-	-	100.0	-
Tehama	4	4	100.0	-	-	-	75.0	25.0
Trinity	-	-	-	-	-	-	-	-
Tulare	25	25	100.0	-	-	12.0	88.0	-
Tuolumne	-	-	-	-	-	-	-	-
Ventura	56	54	96.4	3.7	1.9	1.9	85.2	7.4
Yolo	9	9	100.0	-	-	-	100.0	-
Yuba	6	6	100.0	-	-	-	83.3	16.7

* I=isoniazid; R=rifampin; Z=pyrazinamide; E=ethambutol; E/S=ethambutol and/or streptomycin; Other=all other combinations.

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 27. Tuberculosis Cases by Type of Health Care Provider: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Total Cases	Cases w/ Initial Drug Regimen Prescribed	Cases w/ Information on Type of Health Care Provider		Type of Health Care Provider					
					Health Department Only		Private/ Other Only		Both Health Dept. and Private/Other	
			No.	%	No.	%	No.	%	No.	%
California	**2,900**	**2,823**	**2,782**	**98.5**	**1,441**	**51.8**	**857**	**30.8**	**484**	**17.4**
Alameda	154	153	151	98.7	-	-	151	100.0	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	10	10	10	100.0	2	20.0	-	-	8	80.0
Butte	3	3	3	100.0	-	-	2	66.7	1	33.3
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	58	58	57	98.3	28	49.1	13	22.8	16	28.1
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	4	4	4	100.0	-	-	1	25.0	3	75.0
Fresno	69	68	68	100.0	56	82.4	8	11.8	4	5.9
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	4	4	4	100.0	-	-	-	-	4	100.0
Imperial	32	30	30	100.0	24	80.0	2	6.7	4	13.3
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	42	42	42	100.0	10	23.8	28	66.7	4	9.5
Kings	9	9	8	88.9	5	62.5	2	25.0	1	12.5
Lake	-	-	-	-	-	-	-	-	-	-
Lassen	2	2	2	100.0	-	-	1	50.0	1	50.0
Long Beach	53	51	51	100.0	35	68.6	12	23.5	4	7.8
Los Angeles	904	874	865	99.0	462	53.4	154	17.8	249	28.8
Madera	9	9	9	100.0	6	66.7	1	11.1	2	22.2
Marin	10	10	10	100.0	6	60.0	2	20.0	2	20.0
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	2	2	2	100.0	2	100.0	-	-	-	-
Merced	8	8	8	100.0	4	50.0	3	37.5	1	12.5
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	37	37	37	100.0	13	35.1	4	10.8	20	54.1
Napa	3	3	3	100.0	-	-	3	100.0	-	-
Nevada	2	2	2	100.0	-	-	1	50.0	1	50.0
Orange	242	236	234	99.2	184	78.6	18	7.7	32	13.7
Pasadena	15	14	14	100.0	8	57.1	6	42.9	-	-
Placer	5	5	5	100.0	2	40.0	3	60.0	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	60	56	50	89.3	34	68.0	7	14.0	9	18.0
Sacramento	142	139	138	99.3	107	77.5	18	13.0	13	9.4
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	63	61	61	100.0	23	37.7	8	13.1	30	49.2
San Diego	305	300	300	100.0	59	19.7	213	71.0	28	9.3
San Francisco	132	127	127	100.0	101	79.5	24	18.9	2	1.6
San Joaquin	63	63	48	76.2	32	66.7	11	22.9	5	10.4
San Luis Obispo	8	8	8	100.0	6	75.0	2	25.0	-	-
San Mateo	62	61	61	100.0	18	29.5	38	62.3	5	8.2
Santa Barbara	26	25	24	96.0	23	95.8	1	4.2	-	-
Santa Clara	199	192	191	99.5	96	50.3	87	45.5	8	4.2
Santa Cruz	10	10	10	100.0	6	60.0	3	30.0	1	10.0
Shasta	6	4	4	100.0	-	-	-	-	4	100.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	1	1	100.0	-	-	-	-	1	100.0
Solano	38	37	35	94.6	25	71.4	6	17.1	4	11.4
Sonoma	11	11	11	100.0	7	63.6	2	18.2	2	18.2
Stanislaus	11	11	11	100.0	5	45.5	-	-	6	54.5
Sutter	1	1	1	100.0	-	-	1	100.0	-	-
Tehama	4	4	4	100.0	3	75.0	-	-	1	25.0
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	15	14	14	100.0	13	92.9	1	7.1	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	55	53	53	100.0	34	64.2	16	30.2	3	5.7
Yolo	9	9	9	100.0	-	-	4	44.4	5	55.6
Yuba	2	2	2	100.0	2	100.0	-	-	-	-

- Indicates zero cases or zero percent.

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Table 28. Tuberculosis Cases by Type of Therapy Administration: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Total Cases	Cases w/ Initial Drug Regimen Prescribed	Cases w/ Information on Type of Therapy Administration		Type of Therapy Administration*					
					SAT Only		DOT Only		DOT and SAT	
			No.	%	No.	%	No.	%	No.	%
California	**2,900**	**2,823**	**2,770**	**98.1**	**462**	**16.7**	**1,738**	**62.7**	**570**	**20.6**
Alameda	154	153	151	98.7	71	47.0	59	39.1	21	13.9
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	10	10	10	100.0	1	10.0	1	10.0	8	80.0
Butte	3	3	3	100.0	-	-	-	-	3	100.0
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	58	58	57	98.3	13	22.8	30	52.6	14	24.6
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	4	4	4	100.0	1	25.0	1	25.0	2	50.0
Fresno	69	68	67	98.5	10	14.9	6	9.0	51	76.1
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	4	4	4	100.0	4	100.0	-	-	-	-
Imperial	32	30	30	100.0	3	10.0	20	66.7	7	23.3
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	42	42	42	100.0	2	4.8	4	9.5	36	85.7
Kings	9	9	8	88.9	-	-	7	87.5	1	12.5
Lake	-	-	-	-	-	-	-	-	-	-
Lassen	2	2	1	50.0	1	100.0	-	-	-	-
Long Beach	53	51	51	100.0	12	23.5	30	58.8	9	17.6
Los Angeles	904	874	860	98.4	151	17.6	709	82.4	-	-
Madera	9	9	9	100.0	-	-	-	-	9	100.0
Marin	10	10	9	90.0	-	-	3	33.3	6	66.7
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	2	2	2	100.0	-	-	-	-	2	100.0
Merced	8	8	8	100.0	3	37.5	4	50.0	1	12.5
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	37	37	37	100.0	-	-	29	78.4	8	21.6
Napa	3	3	3	100.0	3	100.0	-	-	-	-
Nevada	2	2	2	100.0	-	-	1	50.0	1	50.0
Orange	242	236	233	98.7	4	1.7	217	93.1	12	5.2
Pasadena	15	14	14	100.0	6	42.9	6	42.9	2	14.3
Placer	5	5	5	100.0	3	60.0	1	20.0	1	20.0
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	60	56	50	89.3	6	12.0	32	64.0	12	24.0
Sacramento	142	139	136	97.8	17	12.5	115	84.6	4	2.9
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	63	61	60	98.4	6	10.0	8	13.3	46	76.7
San Diego	305	300	300	100.0	6	2.0	215	71.7	79	26.3
San Francisco	132	127	127	100.0	35	27.6	78	61.4	14	11.0
San Joaquin	63	63	48	76.2	-	-	5	10.4	43	89.6
San Luis Obispo	8	8	8	100.0	2	25.0	-	-	6	75.0
San Mateo	62	61	61	100.0	7	11.5	45	73.8	9	14.8
Santa Barbara	26	25	24	96.0	-	-	21	87.5	3	12.5
Santa Clara	199	192	191	99.5	61	31.9	52	27.2	78	40.8
Santa Cruz	10	10	10	100.0	3	30.0	2	20.0	5	50.0
Shasta	6	4	4	100.0	-	-	1	25.0	3	75.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	1	1	100.0	-	-	-	-	1	100.0
Solano	38	37	35	94.6	6	17.1	9	25.7	20	57.1
Sonoma	11	11	11	100.0	2	18.2	3	27.3	6	54.5
Stanislaus	11	11	11	100.0	-	-	-	-	11	100.0
Sutter	1	1	1	100.0	1	100.0	-	-	-	-
Tehama	4	4	4	100.0	-	-	1	25.0	3	75.0
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	15	14	14	100.0	-	-	1	7.1	13	92.9
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	55	53	53	100.0	21	39.6	16	30.2	16	30.2
Yolo	9	9	9	100.0	1	11.1	4	44.4	4	44.4
Yuba	2	2	2	100.0	-	-	2	100.0	-	-

* SAT=self administered therapy; DOT=directly observed therapy.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 29. Tuberculosis Cases by AIDS Diagnosis (Dx)*: Reporting Jurisdictions in California, 1998-2004

	1998			1999			2000			2001			2002			2003			2004		
	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %
California	**3,850**	**227**	**5.9**	**3,605**	**220**	**6.1**	**3,288**	**147**	**4.5**	**3,329**	**149**	**4.5**	**3,172**	**165**	**5.2**	**3,218**	**183**	**5.7**	**2,992**	**122**	**4.1**
Alameda	223	12	5.4	224	7	3.1	241	9	3.7	196	6	3.1	199	4	2.0	174	5	2.9	143	1	0.7
Contra Costa	102	3	2.9	97	2	2.1	78	3	3.8	105	7	6.7	69	3	4.3	82	3	3.7	64	4	6.3
Fresno	115	4	3.5	100	10	10.0	91	3	3.3	97	4	4.1	99	4	4.0	115	4	3.5	102	2	2.0
Imperial	39	-	-	38	-	-	26	-	-	25	-	-	29	-	-	25	2	8.0	31	2	6.5
Kern	48	2	4.2	62	5	8.1	49	2	4.1	52	2	3.8	58	2	3.4	47	3	6.4	36	-	-
Long Beach	57	2	3.5	88	8	9.1	63	3	4.8	50	4	8.0	59	3	5.1	65	2	3.1	54	3	5.6
Los Angeles	1,293	111	8.6	1,167	86	7.4	1,059	60	5.7	1,042	54	5.2	1,020	64	6.3	946	66	7.0	928	52	5.6
Madera	6	-	-	8	-	-	14	-	-	11	-	-	12	-	-	14	1	7.1	5	-	-
Marin	20	1	5.0	10	1	10.0	11	2	18.2	15	1	6.7	12	1	8.3	17	-	-	13	1	7.7
Merced	8	-	-	11	1	9.1	10	1	10.0	15	1	6.7	17	-	-	16	-	-	8	-	-
Monterey	48	1	2.1	48	3	6.3	39	-	-	38	1	2.6	24	-	-	54	1	1.9	29	1	3.4
Orange	298	11	3.7	246	10	4.1	246	14	5.7	278	6	2.2	230	3	1.3	248	7	2.8	230	6	2.6
Pasadena	19	-	-	8	1	12.5	13	-	-	17	-	-	12	1	8.3	12	-	-	12	-	-
Riverside	74	2	2.7	79	6	7.6	70	3	4.3	66	3	4.5	68	3	4.4	74	1	1.4	75	-	-
Sacramento	112	4	3.6	95	3	3.2	118	-	-	130	4	3.1	104	-	-	151	5	3.3	158	2	1.3
San Bernardino	100	6	6.0	113	7	6.2	102	6	5.9	83	2	2.4	63	-	-	67	6	9.0	68	3	4.4
San Diego	342	31	9.1	299	24	8.0	295	14	4.7	331	25	7.6	326	31	9.5	316	40	12.7	320	22	6.9
San Francisco	207	18	8.7	235	25	10.6	170	9	5.3	182	13	7.1	146	28	19.2	162	15	9.3	135	14	10.4
San Joaquin	65	4	6.2	74	3	4.1	72	4	5.6	51	4	7.8	52	3	5.8	69	8	11.6	65	-	-
San Mateo	80	3	3.8	63	2	3.2	46	-	-	77	2	2.6	68	-	-	52	1	1.9	56	1	1.8
Santa Barbara	30	1	3.3	26	1	3.8	22	1	4.5	26	-	-	17	3	17.6	37	-	-	18	-	-
Santa Clara	252	3	1.2	244	4	1.6	234	5	2.1	214	3	1.4	258	6	2.3	226	3	1.3	202	3	1.5
Solano	51	-	-	32	1	3.1	27	-	-	35	1	2.9	26	1	3.8	29	1	3.4	42	-	-
Sonoma	16	1	6.3	18	-	-	16	-	-	10	1	10.0	17	1	5.9	15	2	13.3	21	1	4.8
Stanislaus	25	1	4.0	33	2	6.1	18	3	16.7	18	-	-	21	2	9.5	17	-	-	19	-	-
Tulare	27	-	-	22	1	4.5	17	-	-	15	1	6.7	19	-	-	16	1	6.3	21	-	-
Ventura	57	1	1.8	62	1	1.6	44	2	4.5	53	2	3.8	66	1	1.5	73	2	2.7	72	2	2.8
All Other Jurisdictions**	136	5	3.7	103	6	5.8	97	3	3.1	97	2	2.1	81	1	1.2	99	4	4.0	65	2	3.1

* Match found in AIDS Case Registry, California Office of AIDS.
** Reporting jurisdictions with fewer than 5 cases in any year (1998-2004)
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 30. Tuberculosis Cases Among Residents of Correctional Facilities*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Residence in a Correctional Facility		Cases Diagnosed in Correctional Facility		Type of Correctional Facility									
						Federal Prison		State Prison		Local Jail		Juvenile Facility		Other/Unknown	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,725**	**2,723**	**99.9**	**75**	**2.8**	**17**	**22.7**	**8**	**10.7**	**38**	**50.7**	**1**	**1.3**	**11**	**14.7**
Alameda	149	149	100.0	3	2.0	1	33.3	-	-	2	66.7	-	-	-	-
Berkeley	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	51	51	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	42	42	100.0	1	2.4	-	-	-	-	1	100.0	-	-	-	-
Imperial	29	28	96.6	3	10.7	-	-	-	-	-	-	-	-	3	100.0
Kern	40	40	100.0	7	17.5	1	14.3	5	71.4	1	14.3	-	-	-	-
Kings	6	6	100.0	3	50.0	-	-	2	66.7	1	33.3	-	-	-	-
Long Beach	39	39	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Los Angeles	815	815	100.0	16	2.0	-	-	-	-	12	75.0	-	-	4	25.0
Marin	16	16	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Merced	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	22	22	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Napa	7	7	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Orange	217	217	100.0	4	1.8	-	-	-	-	4	100.0	-	-	-	-
Pasadena	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Placer	13	13	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	80	80	100.0	2	2.5	1	50.0	-	-	1	50.0	-	-	-	-
Sacramento	110	110	100.0	3	2.7	-	-	-	-	2	66.7	1	33.3	-	-
San Bernardino	59	58	98.3	2	3.4	-	-	-	-	2	100.0	-	-	-	-
San Diego	280	280	100.0	24	8.6	14	58.3	-	-	6	25.0	-	-	4	16.7
San Francisco	143	143	100.0	1	0.7	-	-	-	-	1	100.0	-	-	-	-
San Joaquin	51	51	100.0	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	87	87	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Santa Barbara	14	14	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Santa Clara	241	241	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Santa Cruz	10	10	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Solano	37	37	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma	13	13	100.0	1	7.7	-	-	-	-	1	100.0	-	-	-	-
Stanislaus	15	15	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	25	25	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	57	57	100.0	1	1.8	-	-	-	-	1	100.0	-	-	-	-
Yolo	9	9	100.0	1	11.1	-	-	1	100.0	-	-	-	-	-	-
Yuba	6	6	100.0	2	33.3	-	-	-	-	2	100.0	-	-	-	-
All Other Jurisdictions**	26	26	100.0	1	3.8	-	-	-	-	1	100.0	-	-	-	-

* Residence in correctional facility at the time of diagnosis.

\- Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

Table 31. Tuberculosis Cases by Homeless Status*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Homeless Status		Cases with Homeless Status	
		No.	%	No.	%
California	**2,725**	**2,702**	**99.2**	**156**	**5.8**
Alameda	149	148	99.3	6	4.1
Berkeley	6	6	100.0	-	-
Contra Costa	51	51	100.0	3	5.9
Fresno	42	40	95.2	4	10.0
Imperial	29	28	96.6	-	-
Kern	40	40	100.0	7	17.5
Kings	6	6	100.0	-	-
Long Beach	39	39	100.0	4	10.3
Los Angeles	815	813	99.8	48	5.9
Marin	16	16	100.0	-	-
Merced	5	5	100.0	-	-
Monterey	22	19	86.4	-	-
Napa	7	7	100.0	-	-
Orange	217	216	99.5	2	0.9
Pasadena	5	4	80.0	-	-
Placer	13	13	100.0	-	-
Riverside	80	80	100.0	2	2.5
Sacramento	110	110	100.0	9	8.2
San Bernardino	59	54	91.5	1	1.9
San Diego	280	278	99.3	11	4.0
San Francisco	143	143	100.0	27	18.9
San Joaquin	51	51	100.0	11	21.6
San Mateo	87	87	100.0	1	1.1
Santa Barbara	14	14	100.0	4	28.6
Santa Clara	241	239	99.2	2	0.8
Santa Cruz	10	10	100.0	4	40.0
Solano	37	37	100.0	1	2.7
Sonoma	13	13	100.0	1	7.7
Stanislaus	15	15	100.0	-	-
Tulare	25	24	96.0	1	4.2
Ventura	57	57	100.0	3	5.3
Yolo	9	9	100.0	1	11.1
Yuba	6	5	83.3	-	-
All Other Jurisdictions**	26	25	96.2	3	12.0

* Homeless within past 12 months.
- Indicates zero cases or zero percent.
** Reporting jurisdictions with fewer than five cases.

California Department of Public Health, Tuberculosis Control Branch

Table 32. Tuberculosis Cases Among Persons in Long-term Care Facilities*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Residence in Long-term Care Facility		Cases Diagnosed in a Long-term Care Facility	
		No.	%	No.	%
California	**2,725**	**2,722**	**99.9**	**37**	**1.4**
Alameda	149	149	100.0	6	4.0
Berkeley	6	6	100.0	-	-
Contra Costa	51	51	100.0	-	-
Fresno	42	42	100.0	1	2.4
Imperial	29	27	93.1	-	-
Kern	40	40	100.0	2	5.0
Kings	6	6	100.0	1	16.7
Long Beach	39	39	100.0	-	-
Los Angeles	815	815	100.0	8	1.0
Marin	16	16	100.0	1	6.3
Merced	5	5	100.0	-	-
Monterey	22	22	100.0	1	4.5
Napa	7	7	100.0	1	14.3
Orange	217	217	100.0	-	-
Pasadena	5	5	100.0	-	-
Placer	13	13	100.0	-	-
Riverside	80	80	100.0	1	1.3
Sacramento	110	110	100.0	2	1.8
San Bernardino	59	58	98.3	2	3.4
San Diego	280	280	100.0	1	0.4
San Francisco	143	143	100.0	3	2.1
San Joaquin	51	51	100.0	-	-
San Mateo	87	87	100.0	1	1.1
Santa Barbara	14	14	100.0	-	-
Santa Clara	241	241	100.0	3	1.2
Santa Cruz	10	10	100.0	-	-
Solano	37	37	100.0	-	-
Sonoma	13	13	100.0	1	7.7
Stanislaus	15	15	100.0	-	-
Tulare	25	25	100.0	-	-
Ventura	57	57	100.0	1	1.8
Yolo	9	9	100.0	-	-
Yuba	6	6	100.0	-	-
All Other Jurisdictions**	26	26	100.0	1	3.8

* Residence in long-term care facility at time of diagnosis.
- Indicates zero cases or zero percent.
** Reporting jurisdictions with fewer than 5 cases.

California Department of Public Health, Tuberculosis Control Branch

Table 33. Tuberculosis Cases Among Persons Using Injecting Drugs*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Injecting Drug Use		Cases with Injecting Drug Use	
		No.	%	No.	%
California	**2,725**	**2,648**	**97.2**	**44**	**1.7**
Alameda	149	147	98.7	2	1.4
Berkeley	6	6	100.0	-	-
Contra Costa	51	50	98.0	1	2.0
Fresno	42	41	97.6	1	2.4
Imperial	29	27	93.1	2	7.4
Kern	40	40	100.0	2	5.0
Kings	6	6	100.0	-	-
Long Beach	39	36	92.3	-	-
Los Angeles	815	791	97.1	11	1.4
Marin	16	16	100.0	-	-
Merced	5	4	80.0	-	-
Monterey	22	22	100.0	-	-
Napa	7	7	100.0	-	-
Orange	217	216	99.5	3	1.4
Pasadena	5	4	80.0	-	-
Placer	13	13	100.0	-	-
Riverside	80	69	86.3	1	1.4
Sacramento	110	108	98.2	3	2.8
San Bernardino	59	46	78.0	1	2.2
San Diego	280	280	100.0	5	1.8
San Francisco	143	143	100.0	4	2.8
San Joaquin	51	50	98.0	1	2.0
San Mateo	87	86	98.9	-	-
Santa Barbara	14	13	92.9	1	7.7
Santa Clara	241	237	98.3	2	0.8
Santa Cruz	10	10	100.0	-	-
Solano	37	36	97.3	-	-
Sonoma	13	13	100.0	-	-
Stanislaus	15	15	100.0	1	6.7
Tulare	25	24	96.0	-	-
Ventura	57	57	100.0	1	1.8
Yolo	9	9	100.0	1	11.1
Yuba	6	5	83.3	-	-
All Other Jurisdictions**	26	21	80.8	1	4.8

* Injecting drug use within past 12 months.

- Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

California Department of Public Health, Tuberculosis Control Branch

Table 34. Tuberculosis Cases Among Persons Using Non-injecting Drugs*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Non-injecting Drug Use		Cases with Non-injecting Drug Use	
		No.	%	No.	%
California	**2,725**	**2,649**	**97.2**	**159**	**6.0**
Alameda	149	148	99.3	8	5.4
Berkeley	6	6	100.0	1	16.7
Contra Costa	51	50	98.0	6	12.0
Fresno	42	40	95.2	1	2.5
Imperial	29	28	96.6	3	10.7
Kern	40	40	100.0	10	25.0
Kings	6	5	83.3	-	-
Long Beach	39	37	94.9	2	5.4
Los Angeles	815	792	97.2	36	4.5
Marin	16	16	100.0	-	-
Merced	5	5	100.0	-	-
Monterey	22	22	100.0	-	-
Napa	7	7	100.0	-	-
Orange	217	216	99.5	7	3.2
Pasadena	5	4	80.0	-	-
Placer	13	13	100.0	-	-
Riverside	80	70	87.5	2	2.9
Sacramento	110	108	98.2	9	8.3
San Bernardino	59	47	79.7	3	6.4
San Diego	280	280	100.0	30	10.7
San Francisco	143	143	100.0	15	10.5
San Joaquin	51	50	98.0	3	6.0
San Mateo	87	85	97.7	1	1.2
Santa Barbara	14	12	85.7	3	25.0
Santa Clara	241	237	98.3	4	1.7
Santa Cruz	10	9	90.0	2	22.2
Solano	37	35	94.6	-	-
Sonoma	13	13	100.0	3	23.1
Stanislaus	15	14	93.3	1	7.1
Tulare	25	24	96.0	1	4.2
Ventura	57	57	100.0	5	8.8
Yolo	9	9	100.0	-	-
Yuba	6	5	83.3	-	-
All Other Jurisdictions**	26	22	84.6	3	13.6

* Non-injecting drug use within past 12 months.
- Indicates zero cases or zero percent.
** Reporting jurisdictions with fewer than 5 cases.

California Department of Public Health, Tuberculosis Control Branch

Table 35. Tuberculosis Cases Among Persons Using Excess Alcohol*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Excess Alcohol Use		Cases with Excess Alcohol Use**	
		No.	%	No.	%
California	**2,725**	**2,643**	**97.0**	**245**	**9.3**
Alameda	149	148	99.3	10	6.8
Berkeley	6	6	100.0	-	-
Contra Costa	51	50	98.0	4	8.0
Fresno	42	41	97.6	6	14.6
Imperial	29	28	96.6	5	17.9
Kern	40	40	100.0	10	25.0
Kings	6	6	100.0	1	16.7
Long Beach	39	37	94.9	2	5.4
Los Angeles	815	787	96.6	68	8.6
Marin	16	16	100.0	-	-
Merced	5	3	60.0	-	-
Monterey	22	22	100.0	3	13.6
Napa	7	7	100.0	-	-
Orange	217	216	99.5	10	4.6
Pasadena	5	5	100.0	1	20.0
Placer	13	13	100.0	-	-
Riverside	80	70	87.5	2	2.9
Sacramento	110	107	97.3	15	14.0
San Bernardino	59	45	76.3	3	6.7
San Diego	280	280	100.0	43	15.4
San Francisco	143	143	100.0	21	14.7
San Joaquin	51	51	100.0	11	21.6
San Mateo	87	86	98.9	-	-
Santa Barbara	14	13	92.9	6	46.2
Santa Clara	241	237	98.3	6	2.5
Santa Cruz	10	10	100.0	3	30.0
Solano	37	32	86.5	-	-
Sonoma	13	13	100.0	2	15.4
Stanislaus	15	15	100.0	1	6.7
Tulare	25	24	96.0	2	8.3
Ventura	57	57	100.0	5	8.8
Yolo	9	9	100.0	-	-
Yuba	6	5	83.3	1	20.0
All Other Jurisdictions***	26	21	80.8	4	19.0

* Excess alcohol use within the past 12 months.
** Percentage not reported when information is available for less than 75 percent of cases.
- Indicates zero cases or zero percent.
*** Reporting jurisdictions with fewer than 5 cases.

California Department of Public Health, Tuberculosis Control Branch

Table 36. Tuberculosis Cases by Occupation*: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Cases with Information on Occupation		Occupation**									
				Not Employed		Health Care Worker		Correctional Employee		Migrant Worker		Other Occupation	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,725**	**2,590**	**95.0**	**1,500**	**57.9**	**80**	**3.1**	**2**	**0.1**	**50**	**1.9**	**961**	**37.1**
Alameda	149	139	93.3	70	50.4	7	5.0	-	-	-	-	62	44.6
Berkeley	6	6	100.0	3	50.0	-	-	-	-	-	-	3	50.0
Contra Costa	51	51	100.0	24	47.1	-	-	-	-	-	-	27	52.9
Fresno	42	37	88.1	18	48.6	2	5.4	-	-	7	18.9	10	27.0
Imperial	29	26	89.7	8	30.8	-	-	-	-	8	30.8	10	38.5
Kern	40	38	95.0	18	47.4	-	-	-	-	3	7.9	17	44.7
Kings	6	5	83.3	2	40.0	-	-	-	-	1	20.0	2	40.0
Long Beach	39	38	97.4	23	60.5	1	2.6	-	-	-	-	14	36.8
Los Angeles	815	803	98.5	534	66.5	22	2.7	1	0.1	-	-	246	30.6
Marin	16	16	100.0	4	25.0	1	6.3	-	-	-	-	11	68.8
Merced	5	5	100.0	3	60.0	-	-	-	-	1	20.0	1	20.0
Monterey	22	22	100.0	8	36.4	1	4.5	-	-	4	18.2	9	40.9
Napa	7	5	71.4	3	-	-	-	-	-	-	-	2	-
Orange	217	210	96.8	111	52.9	5	2.4	-	-	-	-	94	44.8
Pasadena	5	4	80.0	3	75.0	-	-	-	-	-	-	1	25.0
Placer	13	12	92.3	6	50.0	1	8.3	1	8.3	1	8.3	3	25.0
Riverside	80	65	81.3	45	69.2	-	-	-	-	1	1.5	19	29.2
Sacramento	110	81	73.6	62	-	1	-	-	-	-	-	18	-
San Bernardino	59	49	83.1	29	59.2	2	4.1	-	-	-	-	18	36.7
San Diego	280	279	99.6	138	49.5	12	4.3	-	-	4	1.4	125	44.8
San Francisco	143	143	100.0	87	60.8	4	2.8	-	-	-	-	52	36.4
San Joaquin	51	51	100.0	29	56.9	1	2.0	-	-	4	7.8	20	39.2
San Mateo	87	85	97.7	52	61.2	6	7.1	-	-	-	-	27	31.8
Santa Barbara	14	13	92.9	11	84.6	-	-	-	-	-	-	2	15.4
Santa Clara	241	224	92.9	110	49.1	4	1.8	-	-	-	-	110	49.1
Santa Cruz	10	10	100.0	3	30.0	1	10.0	-	-	3	30.0	3	30.0
Solano	37	29	78.4	17	58.6	3	10.3	-	-	-	-	9	31.0
Sonoma	13	13	100.0	7	53.8	1	7.7	-	-	1	7.7	4	30.8
Stanislaus	15	15	100.0	8	53.3	1	6.7	-	-	-	-	6	40.0
Tulare	25	23	92.0	13	56.5	1	4.3	-	-	5	21.7	4	17.4
Ventura	57	56	98.2	29	51.8	2	3.6	-	-	2	3.6	23	41.1
Yolo	9	9	100.0	5	55.6	-	-	-	-	-	-	4	44.4
Yuba	6	5	83.3	3	60.0	1	20.0	-	-	1	20.0	-	-
All Other Jurisdictions***	26	23	88.5	14	60.9	-	-	-	-	4	17.4	5	21.7

* Occupation within past 24 months.
** Percentage not reported when information is available for less than 75 percent of cases. A case may report more than one occupation.
- Indicates zero cases or zero percent.
*** Reporting jurisdictions with fewer than 5 cases.

California Department of Public Health, Tuberculosis Control Branch

Table 37. Tuberculosis Cases by Initial Drug Susceptibility Testing: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Cases	Total Culture Positive Cases	Cases with Initial Drug Susceptibility Testing	
			No.	%
California	**2,725**	**2,189**	**2,123**	**97.0**
Alameda	149	119	117	98.3
Alpine	-	-	-	-
Amador	-	-	-	-
Berkeley	6	5	5	100.0
Butte	3	2	2	100.0
Calaveras	1	1	1	100.0
Colusa	-	-	-	-
Contra Costa	51	33	33	100.0
Del Norte	-	-	-	-
El Dorado	3	3	3	100.0
Fresno	42	34	30	88.2
Glenn	2	2	2	100.0
Humboldt	-	-	-	-
Imperial	29	28	27	96.4
Inyo	-	-	-	-
Kern	40	32	32	100.0
Kings	6	4	3	75.0
Lake	1	1	1	100.0
Lassen	-	-	-	-
Long Beach	39	32	32	100.0
Los Angeles	815	654	643	98.3
Madera	1	1	1	100.0
Marin	16	9	9	100.0
Mariposa	-	-	-	-
Mendocino	3	-	-	-
Merced	5	4	3	75.0
Modoc	-	-	-	-
Mono	-	-	-	-
Monterey	22	18	17	94.4
Napa	7	6	6	100.0
Nevada	-	-	-	-
Orange	217	187	185	98.9
Pasadena	5	4	4	100.0
Placer	13	9	8	88.9
Plumas	-	-	-	-
Riverside	80	73	54	74.0
Sacramento	110	80	79	98.8
San Benito	-	-	-	-
San Bernardino	59	54	45	83.3
San Diego	280	247	247	100.0
San Francisco	143	109	109	100.0
San Joaquin	51	36	34	94.4
San Luis Obispo	3	3	3	100.0
San Mateo	87	68	67	98.5
Santa Barbara	14	13	10	76.9
Santa Clara	241	196	195	99.5
Santa Cruz	10	6	6	100.0
Shasta	4	2	2	100.0
Sierra	-	-	-	-
Siskiyou	-	-	-	-
Solano	37	31	28	90.3
Sonoma	13	12	12	100.0
Stanislaus	15	12	12	100.0
Sutter	1	1	1	100.0
Tehama	4	3	3	100.0
Trinity	-	-	-	-
Tulare	25	16	16	100.0
Tuolumne	-	-	-	-
Ventura	57	27	24	88.9
Yolo	9	7	7	100.0
Yuba	6	5	5	100.0

- Indicates zero cases or zero percent.

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Table 38. Tuberculosis Cases by Resistance to Isoniazid and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with INH** Susceptibility Testing	Cases with Resistance to INH		No. with INH Susceptibility Testing	Cases with Resistance to INH		No. with INH Susceptibility Testing	Cases with Resistance to INH	
			No.	%		No.	%		No.	%
California	**2,189**	**2,121**	**233**	**11.0**	**1,948**	**204**	**10.5**	**117**	**21**	**17.9**
Alameda	119	117	15	12.8	105	14	13.3	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	5	1	20.0	5	1	20.0	-	-	-
Butte	2	2	-	-	2	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	33	-	-	31	-	-	1	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	2	66.7	3	2	66.7	-	-	-
Fresno	34	30	3	10.0	25	-	-	3	2	66.7
Glenn	2	2	-	-	1	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	27	3	11.1	27	3	11.1	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	32	4	12.5	31	4	12.9	1	-	-
Kings	4	3	-	-	3	-	-	-	-	-
Lake	1	1	-	-	-	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	32	5	15.6	29	5	17.2	1	-	-
Los Angeles	654	641	59	9.2	594	54	9.1	39	4	10.3
Madera	1	1	-	-	1	-	-	-	-	-
Marin	9	9	-	-	9	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	3	-	-	3	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	17	1	5.9	16	1	6.3	-	-	-
Napa	6	6	-	-	5	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	185	20	10.8	164	14	8.5	18	6	33.3
Pasadena	4	4	-	-	3	-	-	-	-	-
Placer	9	8	-	-	8	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	54	6	11.1	43	4	9.3	4	1	25.0
Sacramento	80	79	11	13.9	76	10	13.2	2	1	50.0
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	45	4	8.9	41	4	9.8	3	-	-
San Diego	247	247	29	11.7	234	26	11.1	10	2	20.0
San Francisco	109	109	11	10.1	101	10	9.9	8	1	12.5
San Joaquin	36	34	5	14.7	32	5	15.6	2	-	-
San Luis Obispo	3	3	1	33.3	2	-	-	1	1	100.0
San Mateo	68	67	10	14.9	61	9	14.8	3	1	33.3
Santa Barbara	13	10	2	20.0	10	2	20.0	-	-	-
Santa Clara	196	195	28	14.4	172	24	14.0	13	2	15.4
Santa Cruz	6	6	1	16.7	6	1	16.7	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	28	4	14.3	25	3	12.0	1	-	-
Sonoma	12	12	2	16.7	12	2	16.7	-	-	-
Stanislaus	12	12	1	8.3	12	1	8.3	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	1	33.3	2	1	50.0	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	1	6.3	16	1	6.3	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	24	3	12.5	24	3	12.5	-	-	-
Yolo	7	7	-	-	5	-	-	2	-	-
Yuba	5	5	-	-	5	-	-	-	-	-

* Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.

** INH=isoniazid

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 39. Tuberculosis Cases by Resistance to Rifampin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with RIF** Susceptibility Testing	Cases with Resistance to RIF		No. with RIF Susceptibility Testing	Cases with Resistance to RIF		No. with RIF Susceptibility Testing	Cases with Resistance to RIF	
			No.	%		No.	%		No.	%
California	**2,189**	**2,122**	**30**	**1.4**	**1,950**	**19**	**1.0**	**117**	**9**	**7.7**
Alameda	119	117	1	0.9	105	1	1.0	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	5	-	-	5	-	-	-	-	-
Butte	2	2	-	-	2	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	33	-	-	31	-	-	1	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	1	33.3	3	1	33.3	-	-	-
Fresno	34	30	1	3.3	25	-	-	3	1	33.3
Glenn	2	2	-	-	1	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	27	1	3.7	27	1	3.7	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	32	-	-	31	-	-	1	-	-
Kings	4	3	-	-	3	-	-	-	-	-
Lake	1	1	-	-	-	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	32	-	-	29	-	-	1	-	-
Los Angeles	654	643	7	1.1	596	4	0.7	39	2	5.1
Madera	1	1	-	-	1	-	-	-	-	-
Marin	9	9	-	-	9	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	3	-	-	3	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	17	-	-	16	-	-	-	-	-
Napa	6	6	-	-	5	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	185	3	1.6	164	1	0.6	18	2	11.1
Pasadena	4	4	-	-	3	-	-	-	-	-
Placer	9	8	-	-	8	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	54	1	1.9	43	-	-	4	1	25.0
Sacramento	80	79	1	1.3	76	1	1.3	2	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	45	1	2.2	41	1	2.4	3	-	-
San Diego	247	247	5	2.0	234	4	1.7	10	1	10.0
San Francisco	109	109	2	1.8	101	1	1.0	8	1	12.5
San Joaquin	36	34	-	-	32	-	-	2	-	-
San Luis Obispo	3	3	-	-	2	-	-	1	-	-
San Mateo	68	67	1	1.5	61	1	1.6	3	-	-
Santa Barbara	13	10	-	-	10	-	-	-	-	-
Santa Clara	196	195	5	2.6	172	3	1.7	13	1	7.7
Santa Cruz	6	6	-	-	6	-	-	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	27	-	-	25	-	-	1	-	-
Sonoma	12	12	-	-	12	-	-	-	-	-
Stanislaus	12	12	-	-	12	-	-	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	-	-	2	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	-	-	16	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	24	-	-	24	-	-	-	-	-
Yolo	7	7	-	-	5	-	-	2	-	-
Yuba	5	5	-	-	5	-	-	-	-	-

* Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.
** RIF=rifampin
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 40. Tuberculosis Cases by Resistance to Ethambutol and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with EMB** Susceptibility Testing	Cases with Resistance to EMB		No. with EMB Susceptibility Testing	Cases with Resistance to EMB		No. with EMB Susceptibility Testing	Cases with Resistance to EMB	
			No.	%		No.	%		No.	%
California	**2,189**	**2,118**	**20**	**0.9**	**1,945**	**15**	**0.8**	**117**	**4**	**3.4**
Alameda	119	117	1	0.9	105	1	1.0	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	5	-	-	5	-	-	-	-	-
Butte	2	2	-	-	2	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	33	-	-	31	-	-	1	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	-	-	3	-	-	-	-	-
Fresno	34	30	1	3.3	25	-	-	3	1	33.3
Glenn	2	2	-	-	1	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	27	1	3.7	27	1	3.7	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	31	-	-	30	-	-	1	-	-
Kings	4	3	-	-	3	-	-	-	-	-
Lake	1	1	-	-	-	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	32	-	-	29	-	-	1	-	-
Los Angeles	654	643	4	0.6	596	2	0.3	39	2	5.1
Madera	1	1	-	-	1	-	-	-	-	-
Marin	9	9	-	-	9	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	3	-	-	3	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	17	-	-	16	-	-	-	-	-
Napa	6	6	-	-	5	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	185	2	1.1	164	1	0.6	18	1	5.6
Pasadena	4	4	-	-	3	-	-	-	-	-
Placer	9	8	1	12.5	8	1	12.5	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	54	-	-	43	-	-	4	-	-
Sacramento	80	79	1	1.3	76	1	1.3	2	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	45	1	2.2	41	1	2.4	3	-	-
San Diego	247	247	-	-	234	-	-	10	-	-
San Francisco	109	109	2	1.8	101	2	2.0	8	-	-
San Joaquin	36	33	-	-	31	-	-	2	-	-
San Luis Obispo	3	3	-	-	2	-	-	1	-	-
San Mateo	68	67	-	-	61	-	-	3	-	-
Santa Barbara	13	10	-	-	10	-	-	-	-	-
Santa Clara	196	194	6	3.1	171	5	2.9	13	-	-
Santa Cruz	6	6	-	-	6	-	-	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	27	-	-	24	-	-	1	-	-
Sonoma	12	12	-	-	12	-	-	-	-	-
Stanislaus	12	12	-	-	12	-	-	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	-	-	2	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	-	-	16	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	23	-	-	23	-	-	-	-	-
Yolo	7	7	-	-	5	-	-	2	-	-
Yuba	5	5	-	-	5	-	-	-	-	-

* Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.

** EMB=ethambutol

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 41. Tuberculosis Cases by Resistance to Pyrazinamide and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with PZA** Susceptibility Testing	Cases with Resistance to PZA		No. with PZA Susceptibility Testing	Cases with Resistance to PZA		No. with PZA Susceptibility Testing	Cases with Resistance to PZA	
			No.	%		No.	%		No.	%
California	**2,189**	**2,092**	**95**	**4.5**	**1,922**	**80**	**4.2**	**116**	**12**	**10.3**
Alameda	119	115	3	2.6	103	3	2.9	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	4	-	-	4	-	-	-	-	-
Butte	2	2	-	-	2	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	33	2	6.1	31	2	6.5	1	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	-	-	3	-	-	-	-	-
Fresno	34	30	1	3.3	25	-	-	3	1	33.3
Glenn	2	2	-	-	1	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	27	4	14.8	27	4	14.8	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	30	5	16.7	29	5	17.2	1	-	-
Kings	4	3	-	-	3	-	-	-	-	-
Lake	1	1	-	-	-	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	32	2	6.3	29	2	6.9	1	-	-
Los Angeles	654	636	23	3.6	589	21	3.6	39	2	5.1
Madera	1	-	-	-	-	-	-	-	-	-
Marin	9	9	-	-	9	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	1	1	100.0	1	1	100.0	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	17	-	-	16	-	-	-	-	-
Napa	6	6	-	-	5	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	185	10	5.4	164	7	4.3	18	3	16.7
Pasadena	4	4	-	-	3	-	-	-	-	-
Placer	9	8	-	-	8	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	52	3	5.8	42	3	7.1	4	-	-
Sacramento	80	79	-	-	76	-	-	2	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	37	-	-	34	-	-	2	-	-
San Diego	247	247	21	8.5	234	18	7.7	10	3	30.0
San Francisco	109	109	3	2.8	101	1	1.0	8	2	25.0
San Joaquin	36	33	2	6.1	31	2	6.5	2	-	-
San Luis Obispo	3	3	1	33.3	2	-	-	1	1	100.0
San Mateo	68	67	1	1.5	61	1	1.6	3	-	-
Santa Barbara	13	10	-	-	10	-	-	-	-	-
Santa Clara	196	192	12	6.3	169	9	5.3	13	-	-
Santa Cruz	6	6	-	-	6	-	-	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	27	-	-	25	-	-	1	-	-
Sonoma	12	12	-	-	12	-	-	-	-	-
Stanislaus	12	12	-	-	12	-	-	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	-	-	2	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	1	6.3	16	1	6.3	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	23	-	-	23	-	-	-	-	-
Yolo	7	7	-	-	5	-	-	2	-	-
Yuba	5	5	-	-	5	-	-	-	-	-

* Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.
** PZA=pyrazinamide
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 42. Tuberculosis Cases by Resistance to Streptomycin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with SM** Susceptibility Testing	Cases with Resistance to SM		No. with SM Susceptibility Testing	Cases with Resistance to SM		No. with SM Susceptibility Testing	Cases with Resistance to SM	
			No.	%		No.	%		No.	%
California	**2,189**	**1,343**	**107**	**8.0**	**1,222**	**94**	**7.7**	**81**	**7**	**8.6**
Alameda	119	76	4	5.3	66	4	6.1	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	3	-	-	3	-	-	-	-	-
Butte	2	-	-	-	-	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	27	-	-	26	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	1	1	100.0	1	1	100.0	-	-	-
Fresno	34	25	2	8.0	21	-	-	2	1	50.0
Glenn	2	-	-	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	24	3	12.5	24	3	12.5	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	4	1	25.0	4	1	25.0	-	-	-
Kings	4	1	-	-	1	-	-	-	-	-
Lake	1	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	26	6	23.1	23	5	21.7	1	-	-
Los Angeles	654	606	40	6.6	562	37	6.6	36	2	5.6
Madera	1	1	-	-	1	-	-	-	-	-
Marin	9	3	-	-	3	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	2	-	-	2	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	2	-	-	2	-	-	-	-	-
Napa	6	4	-	-	3	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	48	4	8.3	42	3	7.1	6	1	16.7
Pasadena	4	3	-	-	2	-	-	-	-	-
Placer	9	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	48	2	4.2	38	2	5.3	3	-	-
Sacramento	80	2	1	50.0	2	1	50.0	-	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	39	4	10.3	36	3	8.3	3	1	33.3
San Diego	247	34	2	5.9	31	2	6.5	2	-	-
San Francisco	109	103	7	6.8	95	6	6.3	8	1	12.5
San Joaquin	36	30	1	3.3	28	1	3.6	2	-	-
San Luis Obispo	3	1	-	-	-	-	-	1	-	-
San Mateo	68	34	3	8.8	32	3	9.4	2	-	-
Santa Barbara	13	7	-	-	7	-	-	-	-	-
Santa Clara	196	147	18	12.2	128	15	11.7	10	1	10.0
Santa Cruz	6	1	-	-	1	-	-	-	-	-
Shasta	2	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	7	1	14.3	5	-	-	1	-	-
Sonoma	12	1	1	100.0	1	1	100.0	-	-	-
Stanislaus	12	7	2	28.6	7	2	28.6	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	1	33.3	2	1	50.0	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	13	1	7.7	13	1	7.7	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	5	-	-	5	-	-	-	-	-
Yolo	7	2	1	50.0	2	1	50.0	-	-	-
Yuba	5	1	1	100.0	1	1	100.0	-	-	-

* Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.
** SM=streptomycin
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 43. Tuberculosis Cases by Resistance to Isoniazid and Rifampin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with INH/RIF** Susceptibility Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Susceptibility Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Susceptibility Testing	Cases with Resistance to INH/RIF	
			No.	%		No.	%		No.	%
California	**2,189**	**2,120**	**27**	**1.3**	**1,948**	**18**	**0.9**	**117**	**8**	**6.8**
Alameda	119	117	1	0.9	105	1	1.0	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	5	-	-	5	-	-	-	-	-
Butte	2	2	-	-	2	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	33	-	-	31	-	-	1	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	1	33.3	3	1	33.3	-	-	-
Fresno	34	30	1	3.3	25	-	-	3	1	33.3
Glenn	2	2	-	-	1	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	27	1	3.7	27	1	3.7	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	32	-	-	31	-	-	1	-	-
Kings	4	3	-	-	3	-	-	-	-	-
Lake	1	1	-	-	-	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	32	-	-	29	-	-	1	-	-
Los Angeles	654	641	5	0.8	594	4	0.7	39	1	2.6
Madera	1	1	-	-	1	-	-	-	-	-
Marin	9	9	-	-	9	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	3	-	-	3	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	17	-	-	16	-	-	-	-	-
Napa	6	6	-	-	5	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	185	3	1.6	164	1	0.6	18	2	11.1
Pasadena	4	4	-	-	3	-	-	-	-	-
Placer	9	8	-	-	8	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	54	1	1.9	43	-	-	4	1	25.0
Sacramento	80	79	1	1.3	76	1	1.3	2	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	45	1	2.2	41	1	2.4	3	-	-
San Diego	247	247	4	1.6	234	3	1.3	10	1	10.0
San Francisco	109	109	2	1.8	101	1	1.0	8	1	12.5
San Joaquin	36	34	-	-	32	-	-	2	-	-
San Luis Obispo	3	3	-	-	2	-	-	1	-	-
San Mateo	68	67	1	1.5	61	1	1.6	3	-	-
Santa Barbara	13	10	-	-	10	-	-	-	-	-
Santa Clara	196	195	5	2.6	172	3	1.7	13	1	7.7
Santa Cruz	6	6	-	-	6	-	-	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	27	-	-	25	-	-	1	-	-
Sonoma	12	12	-	-	12	-	-	-	-	-
Stanislaus	12	12	-	-	12	-	-	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	-	-	2	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	-	-	16	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	24	-	-	24	-	-	-	-	-
Yolo	7	7	-	-	5	-	-	2	-	-
Yuba	5	5	-	-	5	-	-	-	-	-

* Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.

** INH=isoniazid, RIF=rifampin

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 44. Tuberculosis Cases by Resistance to at Least One First-line Drug* and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2007

Reporting Jurisdiction	Total Culture Positive Cases	All Cases**			No Prior TB			Prior TB		
		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug	
			No.	%		No.	%		No.	%
California	**2,189**	**2,123**	**307**	**14.5**	**1,950**	**269**	**13.8**	**117**	**28**	**23.9**
Alameda	119	117	17	14.5	105	16	15.2	3	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	5	5	1	20.0	5	1	20.0	-	-	-
Butte	2	2	-	-	2	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	33	33	2	6.1	31	2	6.5	1	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	2	66.7	3	2	66.7	-	-	-
Fresno	34	30	3	10.0	25	-	-	3	2	66.7
Glenn	2	2	-	-	1	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-
Imperial	28	27	5	18.5	27	5	18.5	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	32	32	8	25.0	31	8	25.8	1	-	-
Kings	4	3	-	-	3	-	-	-	-	-
Lake	1	1	-	-	-	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	32	32	7	21.9	29	7	24.1	1	-	-
Los Angeles	654	643	77	12.0	596	70	11.7	39	5	12.8
Madera	1	1	-	-	1	-	-	-	-	-
Marin	9	9	-	-	9	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	4	3	1	33.3	3	1	33.3	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	18	17	1	5.9	16	1	6.3	-	-	-
Napa	6	6	-	-	5	-	-	1	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	187	185	28	15.1	164	20	12.2	18	8	44.4
Pasadena	4	4	-	-	3	-	-	-	-	-
Placer	9	8	1	12.5	8	1	12.5	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	73	54	8	14.8	43	6	14.0	4	1	25.0
Sacramento	80	79	11	13.9	76	10	13.2	2	1	50.0
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	54	45	5	11.1	41	5	12.2	3	-	-
San Diego	247	247	50	20.2	234	44	18.8	10	5	50.0
San Francisco	109	109	13	11.9	101	11	10.9	8	2	25.0
San Joaquin	36	34	7	20.6	32	7	21.9	2	-	-
San Luis Obispo	3	3	1	33.3	2	-	-	1	1	100.0
San Mateo	68	67	10	14.9	61	9	14.8	3	1	33.3
Santa Barbara	13	10	2	20.0	10	2	20.0	-	-	-
Santa Clara	196	195	34	17.4	172	29	16.9	13	2	15.4
Santa Cruz	6	6	1	16.7	6	1	16.7	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	31	28	4	14.3	25	3	12.0	1	-	-
Sonoma	12	12	2	16.7	12	2	16.7	-	-	-
Stanislaus	12	12	1	8.3	12	1	8.3	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	3	3	1	33.3	2	1	50.0	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	1	6.3	16	1	6.3	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	27	24	3	12.5	24	3	12.5	-	-	-
Yolo	7	7	-	-	5	-	-	2	-	-
Yuba	5	5	-	-	5	-	-	-	-	-

* First-line drugs include isoniazid, rifampin, ethambutol and pyrazinamide.

** Sum of cases with prior TB and without prior TB may not equal all cases due to inclusion of those with unknown history of TB.

- Indicates zero cases or zero percent.

Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 2001-2007

Reporting Jurisdiction	2001			2002			2003			2004			2005			2006			2007 *		
	No. with INH** Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
California	**2,574**	**234**	**9.1**	**2,384**	**257**	**10.8**	**2,443**	**245**	**10.0**	**2,291**	**256**	**11.2**	**2,250**	**222**	**9.9**	**2,211**	**215**	**9.7**	**2,121**	**233**	**11.0**
Alameda	154	9	5.8	133	19	14.3	132	25	18.9	114	11	9.6	113	15	13.3	114	9	7.9	117	15	12.8
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	11	-	-	9	1	11.1	4	2	50.0	3	1	33.3	7	2	28.6	3	-	-	5	1	20.0
Butte	4	-	-	1	-	-	5	-	-	2	-	-	2	-	-	2	-	-	2	-	-
Calaveras	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Colusa	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Contra Costa	74	5	6.8	49	5	10.2	58	2	3.4	44	11	25.0	45	4	8.9	36	6	16.7	33	-	-
Del Norte	-	-	-	-	-	-	1	1	100.0	-	-	-	-	-	-	1	-	-	-	-	-
El Dorado	5	-	-	3	-	-	-	-	-	3	-	-	3	1	33.3	1	-	-	3	2	66.7
Fresno	61	8	13.1	41	2	4.9	49	4	8.2	49	4	8.2	46	7	15.2	44	7	15.9	30	3	10.0
Glenn	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-	2	-	-
Humboldt	6	1	16.7	3	-	-	1	-	-	3	-	-	2	-	-	1	1	100.0	-	-	-
Imperial	23	2	8.7	23	5	21.7	23	2	8.7	27	5	18.5	26	1	3.8	27	-	-	27	3	11.1
Inyo	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	39	2	5.1	43	6	14.0	40	3	7.5	28	4	14.3	36	3	8.3	39	3	7.7	32	4	12.5
Kings	7	-	-	4	-	-	3	1	33.3	3	-	-	7	-	-	2	-	-	3	-	-
Lake	2	-	-	-	-	-	1	-	-	3	-	-	-	-	-	1	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Long Beach	46	5	10.9	39	1	2.6	47	2	4.3	41	8	19.5	45	4	8.9	30	3	10.0	32	5	15.6
Los Angeles	799	78	9.8	772	80	10.4	753	82	10.9	742	76	10.2	705	65	9.2	696	61	8.8	641	59	9.2
Madera	7	-	-	8	1	12.5	9	-	-	3	-	-	7	-	-	2	-	-	1	-	-
Marin	11	2	18.2	10	1	10.0	7	2	28.6	7	2	28.6	8	-	-	4	-	-	9	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	2	1	50.0	5	2	40.0	5	1	20.0	-	-	-	1	-	-	1	-	-	-	-	-
Merced	10	-	-	16	1	6.3	13	2	15.4	6	1	16.7	7	-	-	7	-	-	3	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	32	4	12.5	21	2	9.5	37	2	5.4	20	2	10.0	28	2	7.1	23	3	13.0	17	1	5.9
Napa	2	-	-	7	-	-	5	-	-	4	1	25.0	1	-	-	6	-	-	6	-	-

* At the time of report preparation, drug susceptibility testing was 97 percent complete for culture positive cases reported in 2007. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

** INH=isoniazid

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 2001-2007

Reporting Jurisdiction	2001			2002			2003			2004			2005			2006			2007 *		
	No. with INH** Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH		No. with INH Testing	Cases with Resistance to INH	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
Nevada	-	-	-	-	-	-	1	1	100.0	1	1	100.0	1	-	-	2	-	-	-	-	-
Orange	230	28	12.2	198	25	12.6	208	21	10.1	204	19	9.3	211	26	12.3	202	22	10.9	185	20	10.8
Pasadena	15	3	20.0	7	-	-	8	-	-	5	-	-	12	-	-	6	-	-	4	-	-
Placer	3	-	-	2	-	-	8	-	-	1	-	-	2	-	-	3	-	-	8	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	57	3	5.3	50	-	-	55	3	5.5	54	4	7.4	51	4	7.8	62	11	17.7	54	6	11.1
Sacramento	82	5	6.1	52	5	9.6	88	10	11.4	79	6	7.6	86	8	9.3	75	6	8.0	79	11	13.9
San Benito	4	-	-	3	-	-	-	-	-	2	1	50.0	-	-	-	1	-	-	-	-	-
San Bernardino	68	7	10.3	58	5	8.6	56	4	7.1	57	6	10.5	51	7	13.7	52	6	11.5	45	4	8.9
San Diego	275	16	5.8	281	32	11.4	259	21	8.1	270	26	9.6	249	25	10.0	262	33	12.6	247	29	11.7
San Francisco	143	13	9.1	119	11	9.2	139	12	8.6	114	20	17.5	109	6	5.5	101	10	9.9	109	11	10.1
San Joaquin	39	4	10.3	40	4	10.0	53	5	9.4	45	2	4.4	39	1	2.6	59	4	6.8	34	5	14.7
San Luis Obispo	6	-	-	5	1	20.0	6	-	-	3	-	-	5	1	20.0	1	-	-	3	1	33.3
San Mateo	59	6	10.2	53	8	15.1	47	7	14.9	39	8	20.5	46	4	8.7	58	4	6.9	67	10	14.9
Santa Barbara	20	3	15.0	12	4	33.3	31	3	9.7	15	1	6.7	23	1	4.3	14	2	14.3	10	2	20.0
Santa Clara	162	18	11.1	206	22	10.7	168	18	10.7	169	24	14.2	155	27	17.4	180	15	8.3	195	28	14.4
Santa Cruz	6	-	-	3	-	-	7	-	-	8	1	12.5	7	-	-	3	-	-	6	1	16.7
Shasta	4	-	-	3	-	-	8	2	25.0	3	-	-	5	-	-	4	-	-	2	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Solano	21	1	4.8	18	1	5.6	12	1	8.3	21	1	4.8	25	2	8.0	18	2	11.1	28	4	14.3
Sonoma	7	-	-	12	3	25.0	11	1	9.1	14	2	14.3	10	-	-	13	2	15.4	12	2	16.7
Stanislaus	14	-	-	15	-	-	13	2	15.4	14	1	7.1	11	-	-	10	2	20.0	12	1	8.3
Sutter	1	-	-	5	-	-	5	1	20.0	-	-	-	1	-	-	2	-	-	1	-	-
Tehama	1	1	100.0	-	-	-	1	-	-	1	-	-	2	1	50.0	-	-	-	3	1	33.3
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	13	1	7.7	14	2	14.3	12	-	-	17	1	5.9	15	-	-	13	-	-	16	1	6.3
Tuolumne	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Ventura	39	8	20.5	39	8	20.5	35	-	-	41	2	4.9	32	3	9.4	25	3	12.0	24	3	12.5
Yolo	5	-	-	1	-	-	11	1	9.1	4	-	-	9	1	11.1	2	-	-	7	-	-
Yuba	1	-	-	-	-	-	3	1	33.3	7	4	57.1	1	1	100.0	-	-	-	5	-	-

* At the time of report preparation, drug susceptibility testing was 97 percent complete for culture positive cases reported in 2007. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

** INH=isoniazid

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 2001-2007

Reporting Jurisdiction	2001			2002			2003			2004			2005			2006			2007 *		
	No. with INH/RIF** Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
California	**2,573**	**32**	**1.2**	**2,383**	**41**	**1.7**	**2,442**	**33**	**1.4**	**2,290**	**39**	**1.7**	**2,248**	**35**	**1.6**	**2,210**	**34**	**1.5**	**2,120**	**27**	**1.3**
Alameda	154	1	0.6	133	-	-	132	1	0.8	114	1	0.9	113	3	2.7	114	-	-	117	1	0.9
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	11	-	-	9	-	-	4	-	-	3	-	-	7	-	-	3	-	-	5	-	-
Butte	4	-	-	1	-	-	5	-	-	2	-	-	2	-	-	2	-	-	2	-	-
Calaveras	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Colusa	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Contra Costa	74	-	-	49	1	2.0	58	-	-	44	2	4.5	45	2	4.4	36	-	-	33	-	-
Del Norte	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
El Dorado	5	-	-	3	-	-	-	-	-	3	-	-	3	-	-	1	-	-	3	1	33.3
Fresno	61	2	3.3	41	-	-	49	-	-	49	2	4.1	46	3	6.5	44	2	4.5	30	1	3.3
Glenn	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-	2	-	-
Humboldt	6	-	-	3	-	-	1	-	-	3	-	-	2	-	-	1	-	-	-	-	-
Imperial	23	2	8.7	23	2	8.7	23	-	-	27	2	7.4	26	-	-	27	-	-	27	1	3.7
Inyo	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	39	1	2.6	43	2	4.7	40	1	2.5	28	-	-	36	-	-	39	1	2.6	32	-	-
Kings	7	-	-	4	-	-	3	-	-	3	-	-	7	-	-	2	-	-	3	-	-
Lake	2	-	-	-	-	-	1	-	-	3	-	-	-	-	-	1	-	-	1	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Long Beach	46	-	-	39	1	2.6	47	1	2.1	41	1	2.4	45	-	-	30	-	-	32	-	-
Los Angeles	799	8	1.0	772	9	1.2	753	10	1.3	742	10	1.3	704	11	1.6	696	11	1.6	641	5	0.8
Madera	7	-	-	8	1	12.5	9	-	-	3	-	-	7	-	-	2	-	-	1	-	-
Marin	11	-	-	10	-	-	7	-	-	7	-	-	8	-	-	4	-	-	9	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	2	-	-	5	-	-	5	1	20.0	-	-	-	1	-	-	1	-	-	-	-	-
Merced	10	-	-	16	1	6.3	13	1	7.7	6	1	16.7	7	-	-	7	-	-	3	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	32	-	-	21	2	9.5	37	-	-	20	1	5.0	28	-	-	23	-	-	17	-	-
Napa	2	-	-	7	-	-	5	-	-	4	-	-	1	-	-	6	-	-	6	-	-

* At the time of report preparation, initial drug susceptibility testing was 97 percent complete for culture positive cases reported in 2007. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

** INH=isoniazid, RIF=rifampin

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 2001-2007

Reporting Jurisdiction	2001			2002			2003			2004			2005			2006			2007 *		
	No. with INH/RIF** Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Testing	Cases with Resistance to INH/RIF	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
Nevada	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	2	-	-	-	-	-
Orange	230	2	0.9	198	2	1.0	208	3	1.4	204	1	0.5	211	2	0.9	202	4	2.0	185	3	1.6
Pasadena	15	1	6.7	7	-	-	8	-	-	5	-	-	12	-	-	6	-	-	4	-	-
Placer	3	-	-	2	-	-	8	-	-	1	-	-	2	-	-	3	-	-	8	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	57	-	-	50	-	-	55	1	1.8	54	1	1.9	51	1	2.0	62	5	8.1	54	1	1.9
Sacramento	82	2	2.4	52	1	1.9	88	1	1.1	79	5	6.3	86	3	3.5	75	-	-	79	1	1.3
San Benito	4	-	-	3	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-
San Bernardino	68	1	1.5	58	-	-	55	-	-	57	-	-	51	-	-	51	-	-	45	1	2.2
San Diego	275	2	0.7	281	6	2.1	259	5	1.9	270	2	0.7	249	3	1.2	262	5	1.9	247	4	1.6
San Francisco	143	4	2.8	119	4	3.4	139	2	1.4	114	3	2.6	109	1	0.9	101	1	1.0	109	2	1.8
San Joaquin	39	-	-	40	1	2.5	53	1	1.9	45	-	-	39	1	2.6	59	-	-	34	-	-
San Luis Obispo	6	-	-	5	1	20.0	6	-	-	3	-	-	5	-	-	1	-	-	3	-	-
San Mateo	59	1	1.7	53	2	3.8	47	-	-	39	1	2.6	46	-	-	58	-	-	67	1	1.5
Santa Barbara	20	1	5.0	12	2	16.7	31	-	-	15	-	-	23	-	-	14	-	-	10	-	-
Santa Clara	162	1	0.6	205	1	0.5	168	-	-	169	3	1.8	155	4	2.6	180	2	1.1	195	5	2.6
Santa Cruz	6	-	-	3	-	-	7	-	-	8	-	-	7	-	-	3	-	-	6	-	-
Shasta	4	-	-	3	-	-	8	1	12.5	3	-	-	5	-	-	4	-	-	2	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Solano	20	1	5.0	18	1	5.6	12	-	-	21	-	-	25	-	-	18	-	-	27	-	-
Sonoma	7	-	-	12	1	8.3	11	1	9.1	14	-	-	10	-	-	13	2	15.4	12	-	-
Stanislaus	14	-	-	15	-	-	13	1	7.7	14	-	-	11	-	-	10	1	10.0	12	-	-
Sutter	1	-	-	5	-	-	5	-	-	-	-	-	1	-	-	2	-	-	1	-	-
Tehama	1	1	100.0	-	-	-	1	-	-	1	-	-	2	-	-	-	-	-	3	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	13	1	7.7	14	-	-	12	-	-	17	-	-	15	-	-	13	-	-	16	-	-
Tuolumne	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Ventura	39	-	-	39	-	-	35	-	-	41	-	-	31	-	-	25	-	-	24	-	-
Yolo	5	-	-	1	-	-	11	1	9.1	3	-	-	9	1	11.1	2	-	-	7	-	-
Yuba	1	-	-	-	-	-	3	1	33.3	7	3	42.9	1	-	-	-	-	-	5	-	-

* At the time of report preparation, initial drug susceptibility testing was 97 percent complete for culture positive cases reported in 2007. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

** INH=isoniazid, RIF=rifampin

- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 47. Tuberculosis Cases by Outcome of Therapy: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Cases Starting Therapy	Outcome (Reason Therapy Stopped)*															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,823**	**1,975**	**70.0**	**315**	**11.2**	**219**	**7.8**	**204**	**7.2**	**37**	**1.3**	**16**	**0.6**	**15**	**0.5**	**42**	**1.5**
Alameda	153	108	70.6	21	13.7	12	7.8	10	6.5	-	-	-	-	-	-	2	1.3
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	10	7	70.0	2	20.0	-	-	1	10.0	-	-	-	-	-	-	-	-
Butte	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	58	45	77.6	4	6.9	3	5.2	4	6.9	-	-	1	1.7	-	-	1	1.7
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	68	48	70.6	10	14.7	4	5.9	4	5.9	2	2.9	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imperial	30	24	80.0	3	10.0	1	3.3	2	6.7	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	42	34	81.0	4	9.5	3	7.1	-	-	1	2.4	-	-	-	-	-	-
Kings	9	4	44.4	1	11.1	-	-	3	33.3	-	-	-	-	-	-	1	11.1
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	2	1	50.0	-	-	-	-	-	-	-	-	-	-	1	50.0	-	-
Long Beach	51	34	66.7	6	11.8	6	11.8	5	9.8	-	-	-	-	-	-	-	-
Los Angeles	874	622	71.2	90	10.3	53	6.1	85	9.7	14	1.6	1	0.1	-	-	9	1.0
Madera	9	7	77.8	2	22.2	-	-	-	-	-	-	-	-	-	-	-	-
Marin	10	6	60.0	3	30.0	-	-	1	10.0	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	2	1	50.0	-	-	-	-	-	-	-	-	1	50.0	-	-	-	-
Merced	8	5	62.5	1	12.5	-	-	1	12.5	1	12.5	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	37	23	62.2	2	5.4	5	13.5	5	13.5	-	-	-	-	1	2.7	1	2.7
Napa	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 47. Tuberculosis Cases by Outcome of Therapy: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Cases Starting Therapy	Outcome (Reason Therapy Stopped)*															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nevada	2	1	50.0	-	-	-	-	1	50.0	-	-	-	-	-	-	-	-
Orange	236	142	60.2	40	16.9	23	9.7	21	8.9	2	0.8	4	1.7	2	0.8	2	0.8
Pasadena	14	6	42.9	-	-	6	42.9	1	7.1	1	7.1	-	-	-	-	-	-
Placer	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	56	42	75.0	-	-	4	7.1	2	3.6	1	1.8	-	-	1	1.8	6	10.7
Sacramento	139	99	71.2	12	8.6	16	11.5	4	2.9	3	2.2	2	1.4	2	1.4	1	0.7
San Benito	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	61	36	59.0	7	11.5	8	13.1	4	6.6	2	3.3	-	-	4	6.6	-	-
San Diego	300	202	67.3	46	15.3	31	10.3	13	4.3	3	1.0	3	1.0	2	0.7	-	-
San Francisco	127	97	76.4	9	7.1	8	6.3	12	9.4	-	-	1	0.8	-	-	-	-
San Joaquin	63	31	49.2	10	15.9	4	6.3	1	1.6	2	3.2	-	-	-	-	15	23.8
San Luis Obispo	8	8	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	61	44	72.1	5	8.2	7	11.5	5	8.2	-	-	-	-	-	-	-	-
Santa Barbara	25	20	80.0	1	4.0	2	8.0	1	4.0	-	-	-	-	-	-	1	4.0
Santa Clara	192	142	74.0	20	10.4	18	9.4	8	4.2	-	-	2	1.0	1	0.5	1	0.5
Santa Cruz	10	8	80.0	1	10.0	1	10.0	-	-	-	-	-	-	-	-	-	-
Shasta	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-
Solano	37	23	62.2	5	13.5	-	-	3	8.1	2	5.4	1	2.7	1	2.7	2	5.4
Sonoma	11	8	72.7	-	-	1	9.1	1	9.1	1	9.1	-	-	-	-	-	-
Stanislaus	11	7	63.6	4	36.4	-	-	-	-	-	-	-	-	-	-	-	-
Sutter	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	4	2	50.0	2	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	14	12	85.7	-	-	-	-	1	7.1	1	7.1	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	53	44	83.0	3	5.7	2	3.8	3	5.7	1	1.9	-	-	-	-	-	-
Yolo	9	6	66.7	1	11.1	-	-	2	22.2	-	-	-	-	-	-	-	-
Yuba	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 48. Outcome in Tuberculosis Cases for Whom One Year or Less of Treatment was Indicated*: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Cases Starting Therapy	Outcome (Reason Therapy Stopped)**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,737**	**1,964**	**71.8**	**274**	**10.0**	**207**	**7.6**	**191**	**7.0**	**37**	**1.4**	**15**	**0.5**	**15**	**0.5**	**34**	**1.2**
Alameda	147	108	73.5	18	12.2	10	6.8	9	6.1	-	-	-	-	-	-	2	1.4
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	8	7	87.5	1	12.5	-	-	-	-	-	-	-	-	-	-	-	-
Butte	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	55	45	81.8	3	5.5	2	3.6	3	5.5	-	-	1	1.8	-	-	1	1.8
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	65	48	73.8	8	12.3	4	6.2	3	4.6	2	3.1	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imperial	30	24	80.0	3	10.0	1	3.3	2	6.7	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	40	34	85.0	3	7.5	2	5.0	-	-	1	2.5	-	-	-	-	-	-
Kings	8	4	50.0	1	12.5	-	-	2	25.0	-	-	-	-	-	-	1	12.5
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	2	1	50.0	-	-	-	-	-	-	-	-	-	-	1	50.0	-	-
Long Beach	49	34	69.4	5	10.2	6	12.2	4	8.2	-	-	-	-	-	-	-	-
Los Angeles	847	616	72.7	75	8.9	51	6.0	85	10.0	14	1.7	1	0.1	-	-	5	0.6
Madera	8	7	87.5	1	12.5	-	-	-	-	-	-	-	-	-	-	-	-
Marin	10	6	60.0	3	30.0	-	-	1	10.0	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	2	1	50.0	-	-	-	-	-	-	-	-	1	50.0	-	-	-	-
Merced	8	5	62.5	1	12.5	-	-	1	12.5	1	12.5	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	37	23	62.2	2	5.4	5	13.5	5	13.5	-	-	-	-	1	2.7	1	2.7
Napa	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Excludes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.
** Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 48. Outcome in Tuberculosis Cases for Whom One Year or Less of Treatment was Indicated*: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Cases Starting Therapy	Outcome (Reason Therapy Stopped)**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nevada	2	1	50.0	-	-	-	-	1	50.0	-	-	-	-	-	-	-	-
Orange	231	142	61.5	38	16.5	21	9.1	20	8.7	2	0.9	4	1.7	2	0.9	2	0.9
Pasadena	13	6	46.2	-	-	5	38.5	1	7.7	1	7.7	-	-	-	-	-	-
Placer	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	54	42	77.8	-	-	4	7.4	2	3.7	1	1.9	-	-	1	1.9	4	7.4
Sacramento	136	99	72.8	11	8.1	15	11.0	4	2.9	3	2.2	2	1.5	2	1.5	-	-
San Benito	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	61	36	59.0	7	11.5	8	13.1	4	6.6	2	3.3	-	-	4	6.6	-	-
San Diego	288	200	69.4	41	14.2	29	10.1	10	3.5	3	1.0	3	1.0	2	0.7	-	-
San Francisco	126	97	77.0	8	6.3	8	6.3	12	9.5	-	-	1	0.8	-	-	-	-
San Joaquin	62	31	50.0	10	16.1	4	6.5	-	-	2	3.2	-	-	-	-	15	24.2
San Luis Obispo	8	8	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	61	44	72.1	5	8.2	7	11.5	5	8.2	-	-	-	-	-	-	-	-
Santa Barbara	25	20	80.0	1	4.0	2	8.0	1	4.0	-	-	-	-	-	-	1	4.0
Santa Clara	185	141	76.2	15	8.1	18	9.7	8	4.3	-	-	1	0.5	1	0.5	1	0.5
Santa Cruz	9	8	88.9	-	-	1	11.1	-	-	-	-	-	-	-	-	-	-
Shasta	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-
Solano	34	22	64.7	5	14.7	-	-	2	5.9	2	5.9	1	2.9	1	2.9	1	2.9
Sonoma	11	8	72.7	-	-	1	9.1	1	9.1	1	9.1	-	-	-	-	-	-
Stanislaus	11	7	63.6	4	36.4	-	-	-	-	-	-	-	-	-	-	-	-
Sutter	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	4	2	50.0	2	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	14	12	85.7	-	-	-	-	1	7.1	1	7.1	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	52	44	84.6	3	5.8	2	3.8	2	3.8	1	1.9	-	-	-	-	-	-
Yolo	8	6	75.0	-	-	-	-	2	25.0	-	-	-	-	-	-	-	-
Yuba	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Excludes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.
** Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 49. Outcome in Tuberculosis Cases for Whom Greater than One Year of Treatment was Indicated*: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Cases Starting Therapy	Outcome (Reason Therapy Stopped)**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**86**	**11**	**12.8**	**41**	**47.7**	**12**	**14.0**	**13**	**15.1**	**-**	**-**	**1**	**1.2**	**-**	**-**	**8**	**9.3**
Alameda	6	-	-	3	50.0	2	33.3	1	16.7	-	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	2	-	-	1	50.0	-	-	1	50.0	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	3	-	-	1	33.3	1	33.3	1	33.3	-	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	3	-	-	2	66.7	-	-	1	33.3	-	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imperial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	2	-	-	1	50.0	1	50.0	-	-	-	-	-	-	-	-	-	-
Kings	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	2	-	-	1	50.0	-	-	1	50.0	-	-	-	-	-	-	-	-
Los Angeles	27	6	22.2	15	55.6	2	7.4	-	-	-	-	-	-	-	-	4	14.8
Madera	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Includes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.
** Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

Table 49. Outcome in Tuberculosis Cases for Whom Greater than One Year of Treatment was Indicated*: Reporting Jurisdictions in California, 2005

Reporting Jurisdiction	Cases Starting Therapy	Outcome (Reason Therapy Stopped)**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orange	5	-	-	2	40.0	2	40.0	1	20.0	-	-	-	-	-	-	-	-
Pasadena	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	100.0
Sacramento	3	-	-	1	33.3	1	33.3	-	-	-	-	-	-	-	-	1	33.3
San Benito	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Diego	12	2	16.7	5	41.7	2	16.7	3	25.0	-	-	-	-	-	-	-	-
San Francisco	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
San Joaquin	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Santa Barbara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Santa Clara	7	1	14.3	5	71.4	-	-	-	-	-	-	1	14.3	-	-	-	-
Santa Cruz	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	3	1	33.3	-	-	-	-	1	33.3	-	-	-	-	-	-	1	33.3
Sonoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
Yolo	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Includes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.
** Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 50. Tuberculosis Cases by Outcome and Risk Factor for Tuberculosis: California, 2005

	Cases Starting Therapy	Outcome (Reason Therapy Stopped)*															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,823**	**1,975**	**70.0**	**315**	**11.2**	**219**	**7.8**	**204**	**7.2**	**37**	**1.3**	**16**	**0.6**	**15**	**0.5**	**42**	**1.5**
Diagnosed in Correctional Facility																	
No	2,758	1,941	70.4	310	11.2	198	7.2	203	7.4	37	1.3	16	0.6	14	0.5	39	1.4
Yes	63	33	52.4	4	6.3	21	33.3	1	1.6	-	-	-	-	1	1.6	3	4.8
Federal Prison	*8*	*4*	*50.0*	-	-	*4*	*50.0*	-	-	-	-	-	-	-	-	-	-
State Prison	*12*	*3*	*25.0*	*2*	*16.7*	*4*	*33.3*	*1*	*8.3*	-	-	-	-	*1*	*8.3*	*1*	*8.3*
Local Jail	*30*	*20*	*66.7*	*1*	*3.3*	*7*	*23.3*	-	-	-	-	-	-	-	-	*2*	*6.7*
Juvenile Facility	*1*	*1*	*100.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other/Unknown	*12*	*5*	*41.7*	*1*	*8.3*	*6*	*50.0*	-	-	-	-	-	-	-	-	-	-
Unknown	2	1	50.0	1	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosed in Long-term Care Facility																	
No	2,775	1,948	70.2	312	11.2	217	7.8	190	6.8	37	1.3	16	0.6	15	0.5	40	1.4
Yes	47	26	55.3	3	6.4	2	4.3	14	29.8	-	-	-	-	-	-	2	4.3
Unknown	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excess Alcohol Use																	
No	2,505	1,768	70.6	284	11.3	191	7.6	175	7.0	22	0.9	13	0.5	14	0.6	38	1.5
Yes	253	177	70.0	24	9.5	21	8.3	17	6.7	10	4.0	1	0.4	-	-	3	1.2
Unknown	65	30	46.2	7	10.8	7	10.8	12	18.5	5	7.7	2	3.1	1	1.5	1	1.5
Homeless																	
No	2,623	1,841	70.2	294	11.2	199	7.6	192	7.3	31	1.2	16	0.6	13	0.5	37	1.4
Yes	178	124	69.7	20	11.2	17	9.6	7	3.9	5	2.8	-	-	1	0.6	4	2.2
Unknown	22	10	45.5	1	4.5	3	13.6	5	22.7	1	4.5	-	-	1	4.5	1	4.5
Injecting Drug Use																	
No	2,707	1,920	70.9	301	11.1	207	7.6	183	6.8	31	1.1	13	0.5	14	0.5	38	1.4
Yes	58	34	58.6	7	12.1	6	10.3	6	10.3	2	3.4	1	1.7	-	-	2	3.4
Unknown	58	21	36.2	7	12.1	6	10.3	15	25.9	4	6.9	2	3.4	1	1.7	2	3.4
Non-Injecting Drug Use																	
No	2,608	1,850	70.9	295	11.3	196	7.5	179	6.9	24	0.9	13	0.5	14	0.5	37	1.4
Yes	162	106	65.4	15	9.3	16	9.9	12	7.4	9	5.6	-	-	-	-	4	2.5
Unknown	53	19	35.8	5	9.4	7	13.2	13	24.5	4	7.5	3	5.7	1	1.9	1	1.9

* Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

California Department of Public Health, Tuberculosis Control Branch

Table 51. Outcome in Tuberculosis Cases for Whom One Year or Less of Treatment was Indicated*, by Risk Factor for Tuberculosis: California, 2005

	Cases Starting Therapy	Outcome (Reason Therapy Stppped)**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	**2,737**	**1,964**	**71.8**	**274**	**10.0**	**207**	**7.6**	**191**	**7.0**	**37**	**1.4**	**15**	**0.5**	**15**	**0.5**	**34**	**1.2**
Diagnosed in Correctional Facility																	
No	2,674	1,930	72.2	270	10.1	187	7.0	190	7.1	37	1.4	15	0.6	14	0.5	31	1.2
Yes	61	33	54.1	3	4.9	20	32.8	1	1.6	-	-	-	-	1	1.6	3	4.9
Federal Prison	*8*	*4*	*50.0*	-	-	*4*	*50.0*	-	-	-	-	-	-	-	-	-	-
State Prison	*11*	*3*	*27.3*	*1*	*9.1*	*4*	*36.4*	*1*	*9.1*	-	-	-	-	*1*	*9.1*	*1*	*9.1*
Local Jail	*30*	*20*	*66.7*	*1*	*3.3*	*7*	*23.3*	-	-	-	-	-	-	-	-	*2*	*6.7*
Juvenile Facility	*1*	*1*	*100.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other/Unknown	*11*	*5*	*45.5*	*1*	*9.1*	*5*	*45.5*	-	-	-	-	-	-	-	-	-	-
Unknown	2	1	50.0	1	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosed in Long-term Care Facility																	
No	2,690	1,937	72.0	271	10.1	206	7.7	177	6.6	37	1.4	15	0.6	15	0.6	32	1.2
Yes	46	26	56.5	3	6.5	1	2.2	14	30.4	-	-	-	-	-	-	2	4.3
Unknown	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Excess Alcohol Use																	
No	2,426	1,757	72.4	245	10.1	180	7.4	165	6.8	22	0.9	12	0.5	14	0.6	31	1.3
Yes	250	177	70.8	23	9.2	20	8.0	16	6.4	10	4.0	1	0.4	-	-	3	1.2
Unknown	61	30	49.2	6	9.8	7	11.5	10	16.4	5	8.2	2	3.3	1	1.6	-	-
Homeless																	
No	2,541	1,830	72.0	254	10.0	189	7.4	180	7.1	31	1.2	15	0.6	13	0.5	29	1.1
Yes	175	124	70.9	19	10.9	15	8.6	7	4.0	5	2.9	-	-	1	0.6	4	2.3
Unknown	21	10	47.6	1	4.8	3	14.3	4	19.0	1	4.8	-	-	1	4.8	1	4.8
Injecting Drug Use																	
No	2,624	1,909	72.8	261	9.9	195	7.4	171	6.5	31	1.2	12	0.5	14	0.5	31	1.2
Yes	57	34	59.6	6	10.5	6	10.5	6	10.5	2	3.5	1	1.8	-	-	2	3.5
Unknown	56	21	37.5	7	12.5	6	10.7	14	25.0	4	7.1	2	3.6	1	1.8	1	1.8
Non-Injecting Drug Use																	
No	2,528	1,839	72.7	256	10.1	184	7.3	169	6.7	24	0.9	12	0.5	14	0.6	30	1.2
Yes	158	106	67.1	13	8.2	16	10.1	11	7.0	9	5.7	-	-	-	-	3	1.9
Unknown	51	19	37.3	5	9.8	7	13.7	11	21.6	4	7.8	3	5.9	1	2.0	1	2.0

* Excludes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.
** Patient outcome in jurisdiction reporting the case.
- Indicates zero cases or zero percent.

Figure 1. Number of Tuberculosis Cases: California, 1930-2007

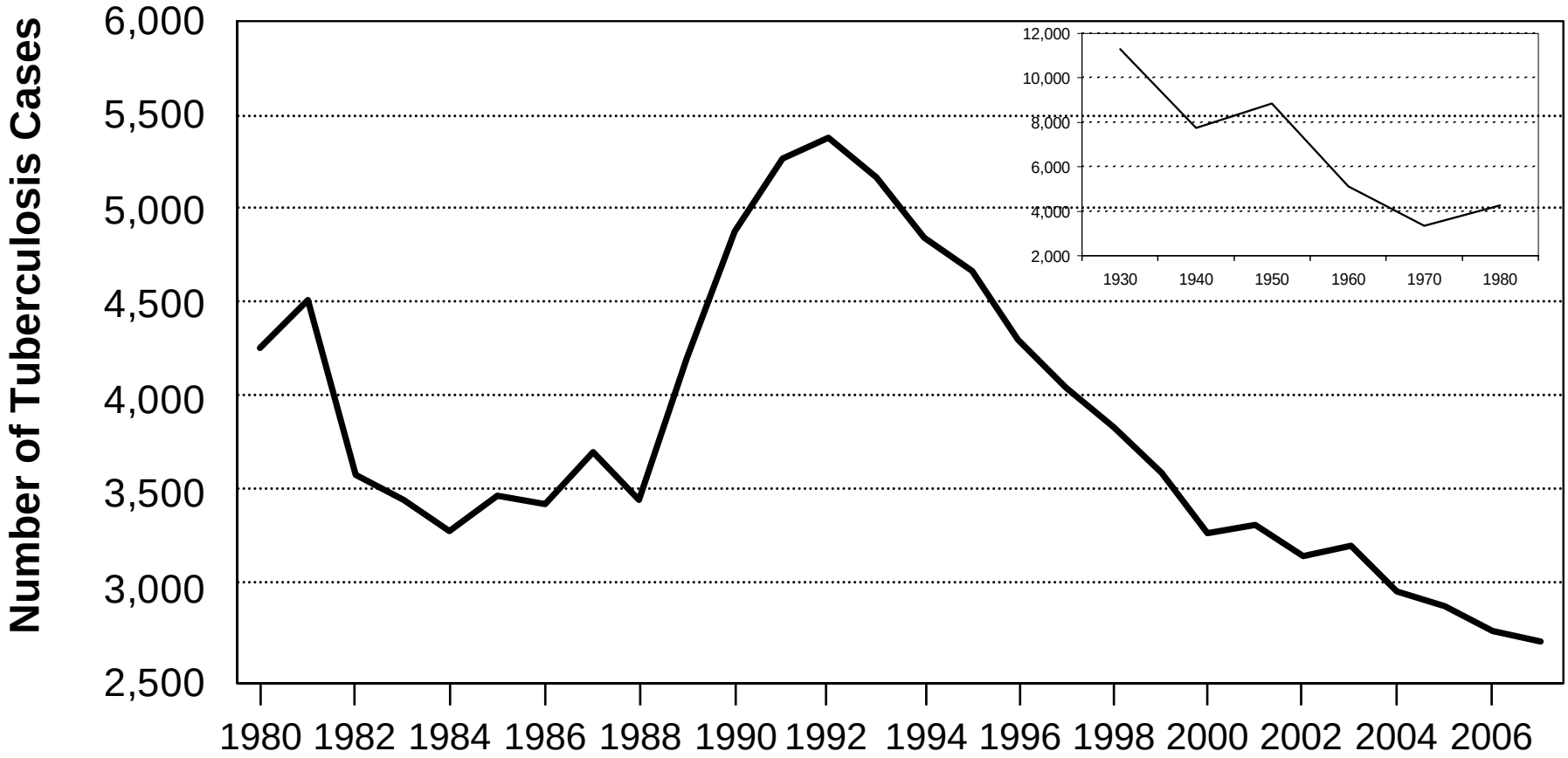

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Figure 2. Number of Tuberculosis Cases and Case Rates: California, 1998-2007

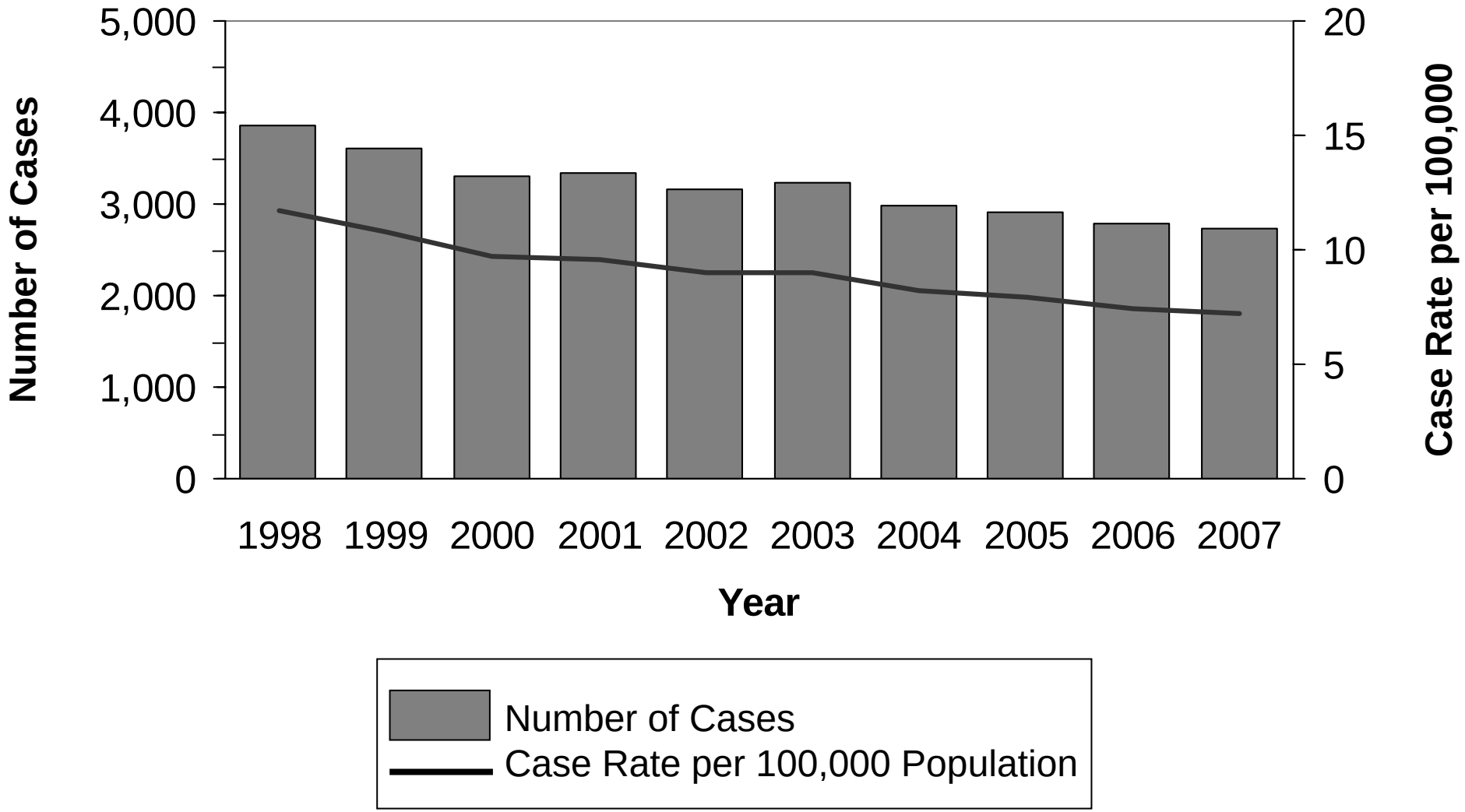

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Figure 3. Tuberculosis Cases by Race/Ethnicity: California, 2007

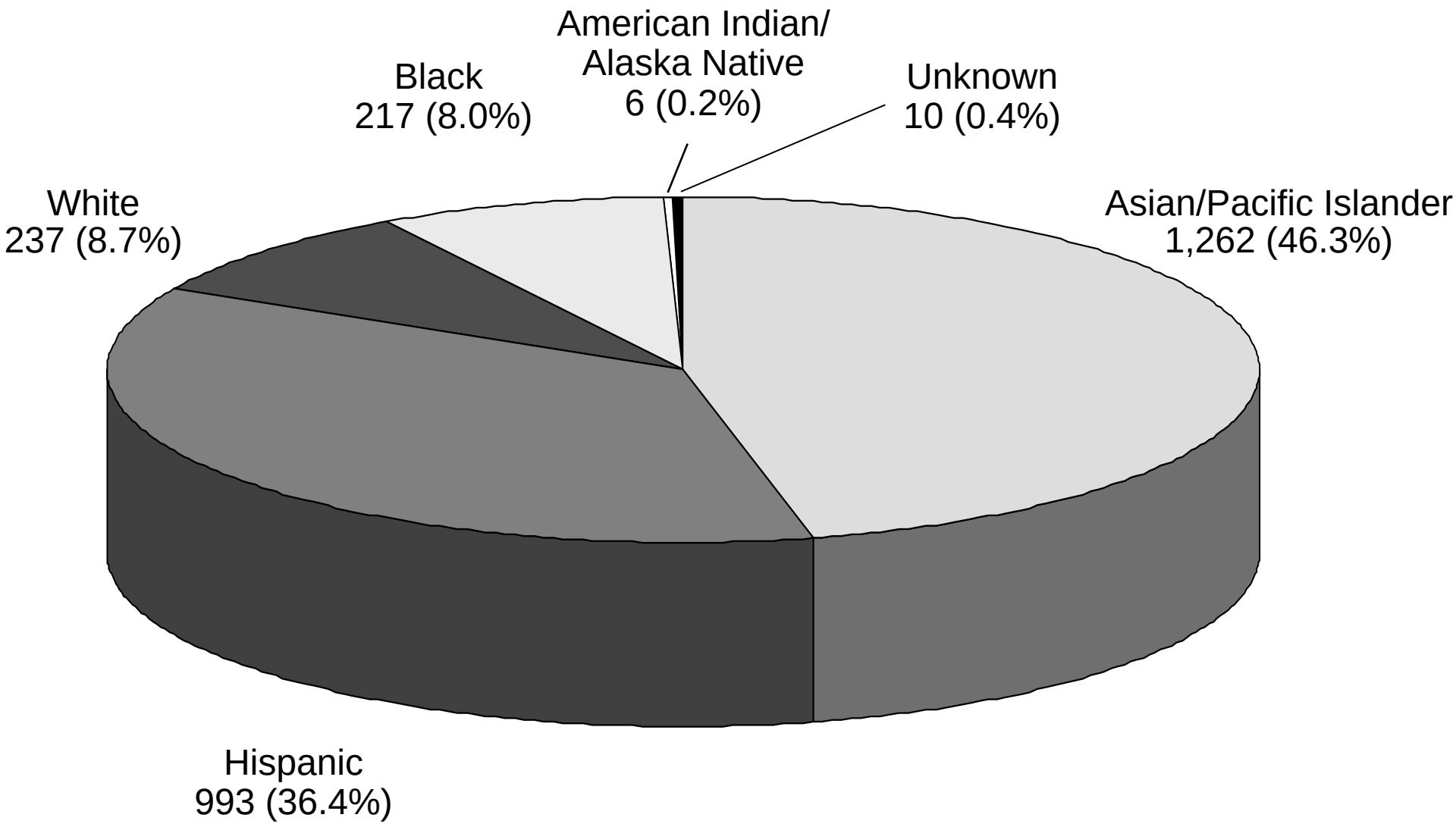

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Figure 4. Tuberculosis Case Rates by Race/Ethnicity: California, 1998-2007

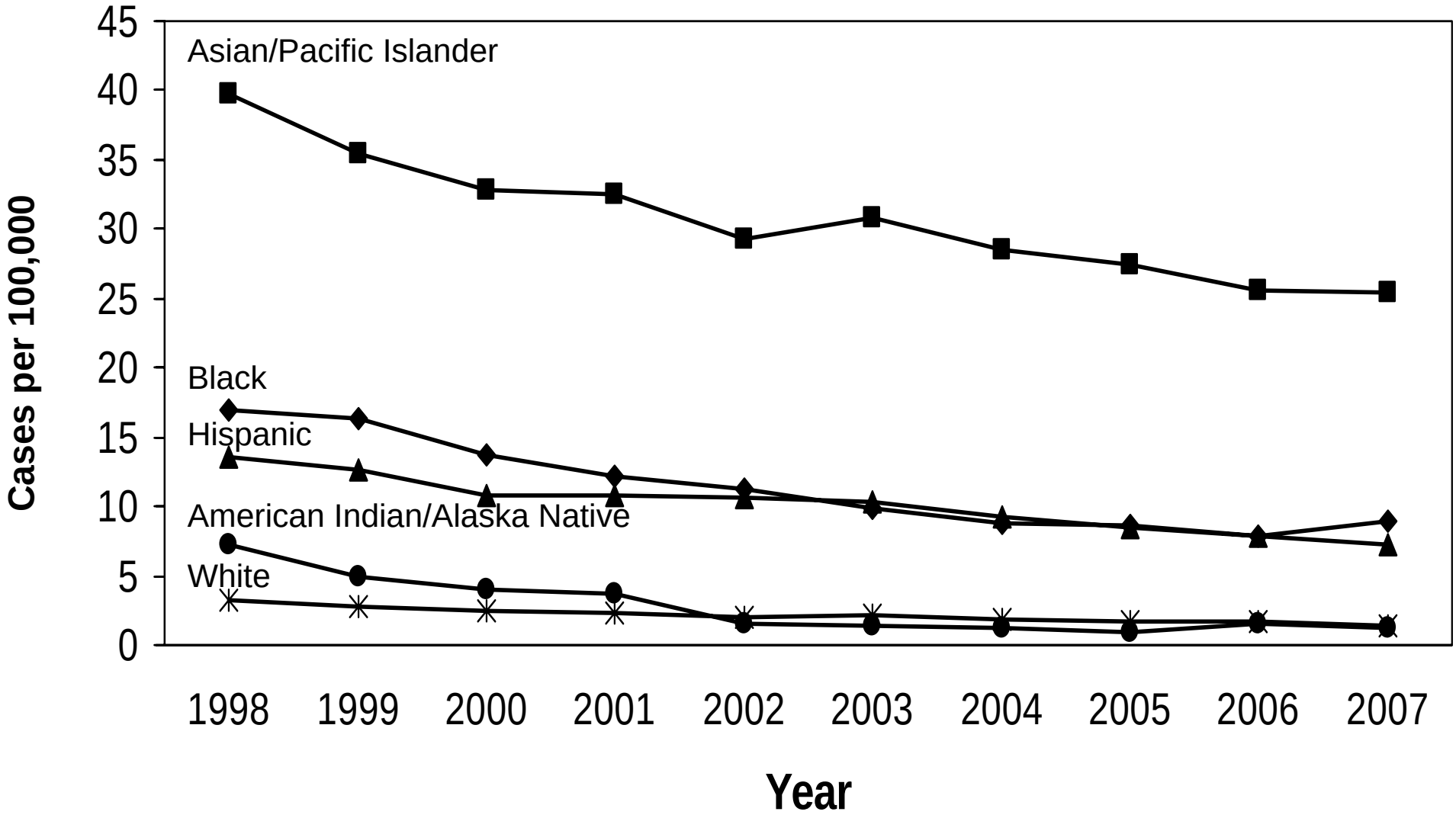

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Figure 5. Tuberculosis Cases in Foreign-born and U.S.-born Persons: California, 1998-2007

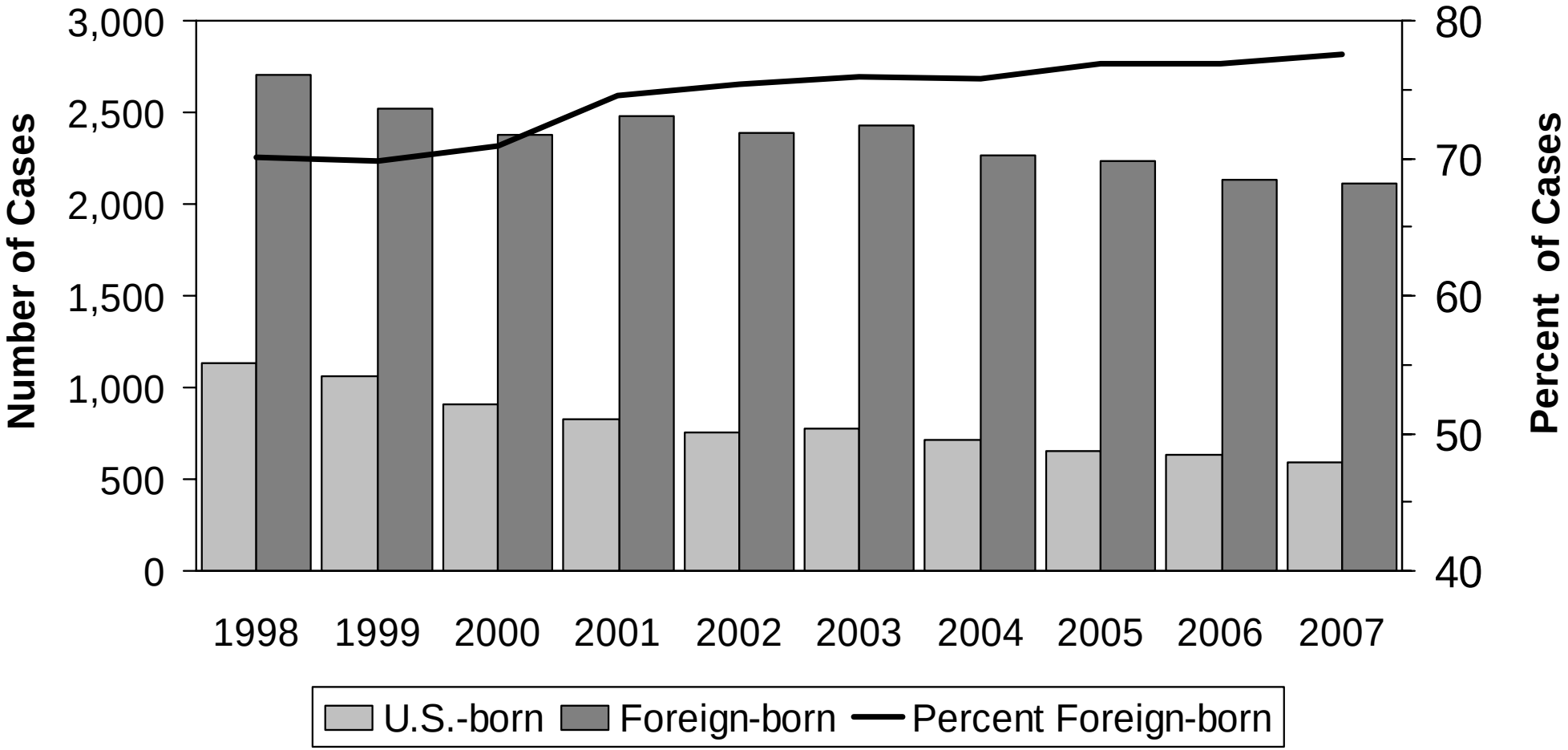

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Figure 6. Tuberculosis Cases by Country of Origin: California, 2007

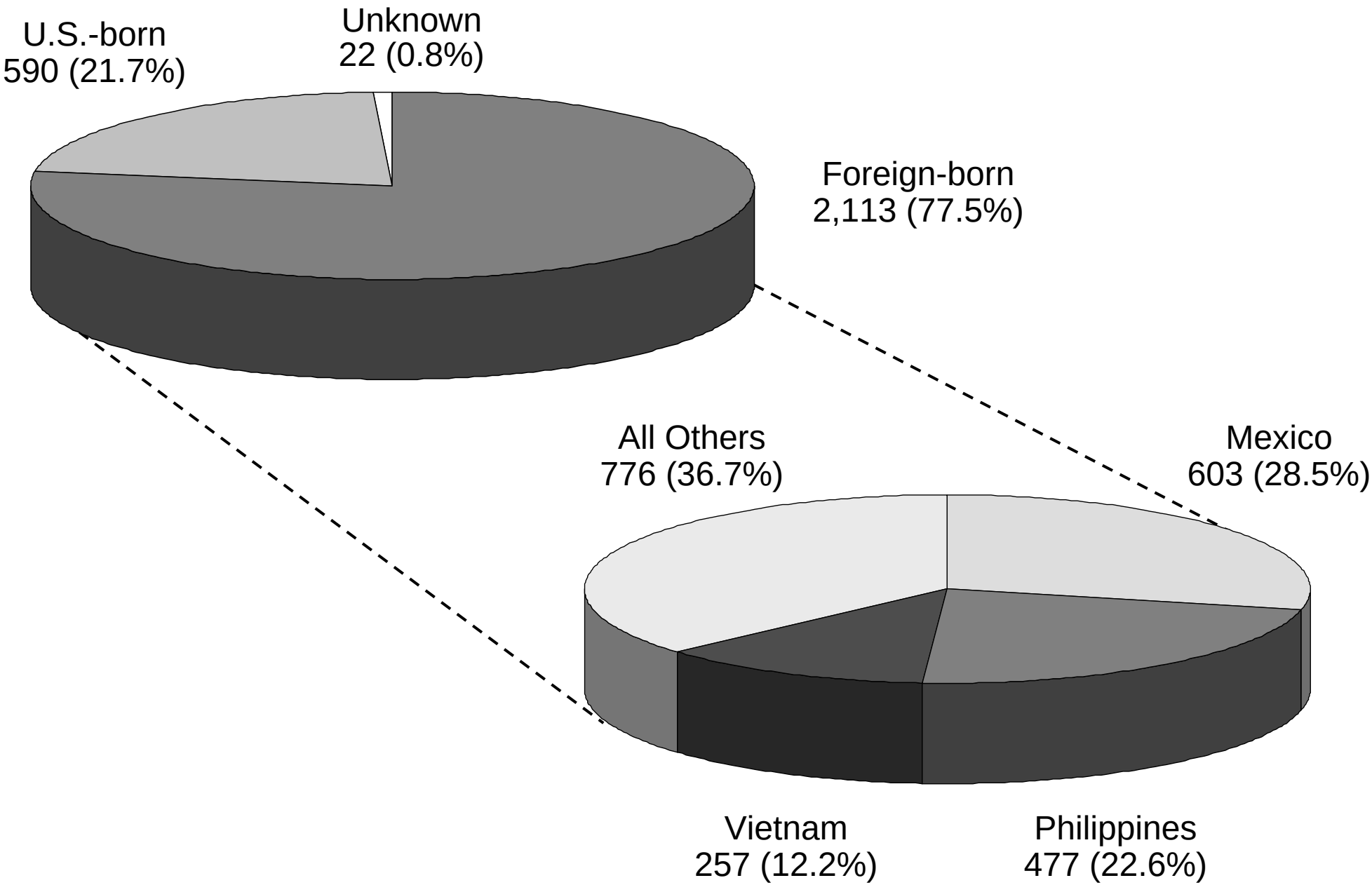

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Figure 7. Tuberculosis Cases in Persons 0-4 Years of Age: California, 1998-2007

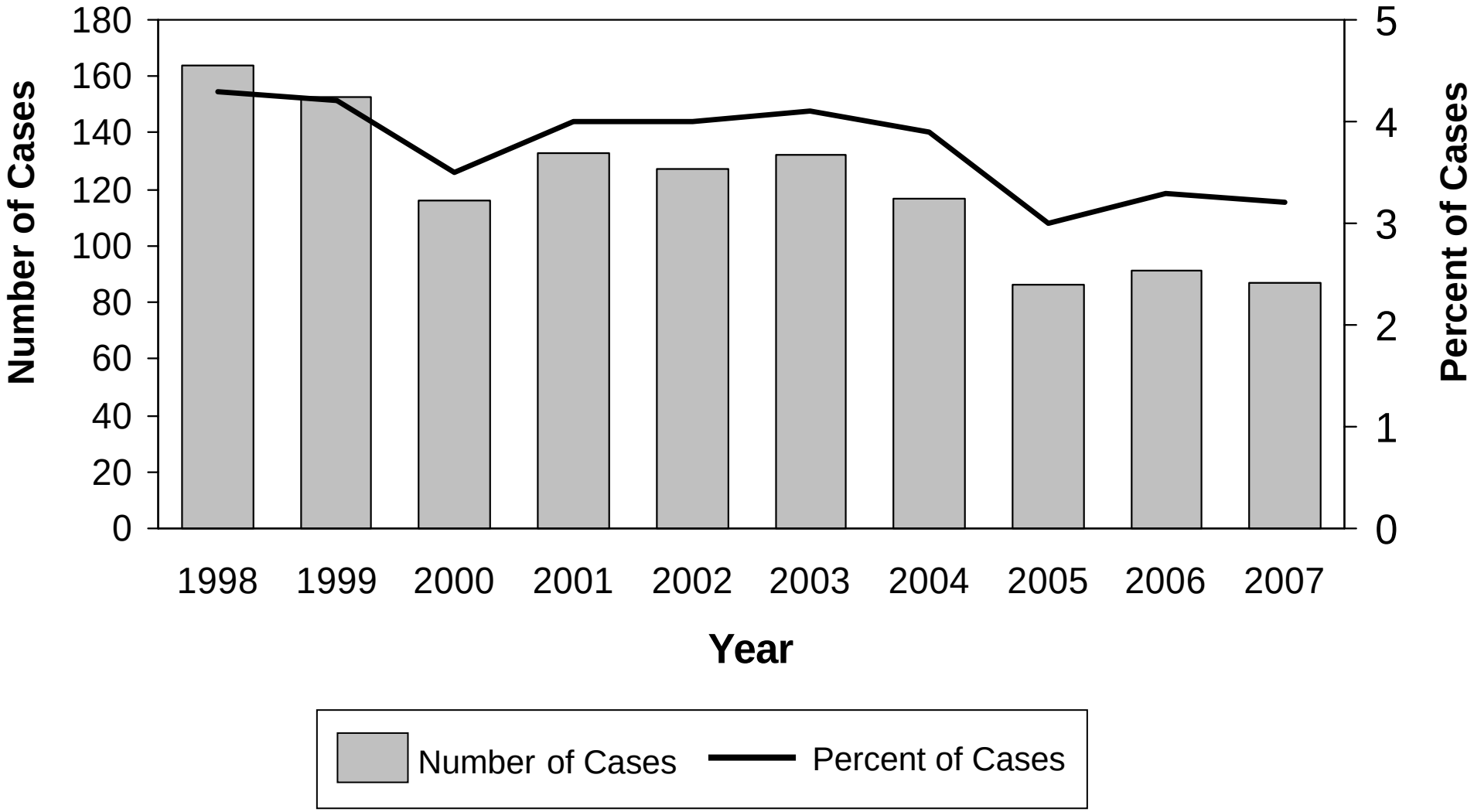

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Figure 8. Tuberculosis Cases by Verification Criteria: California, 2007

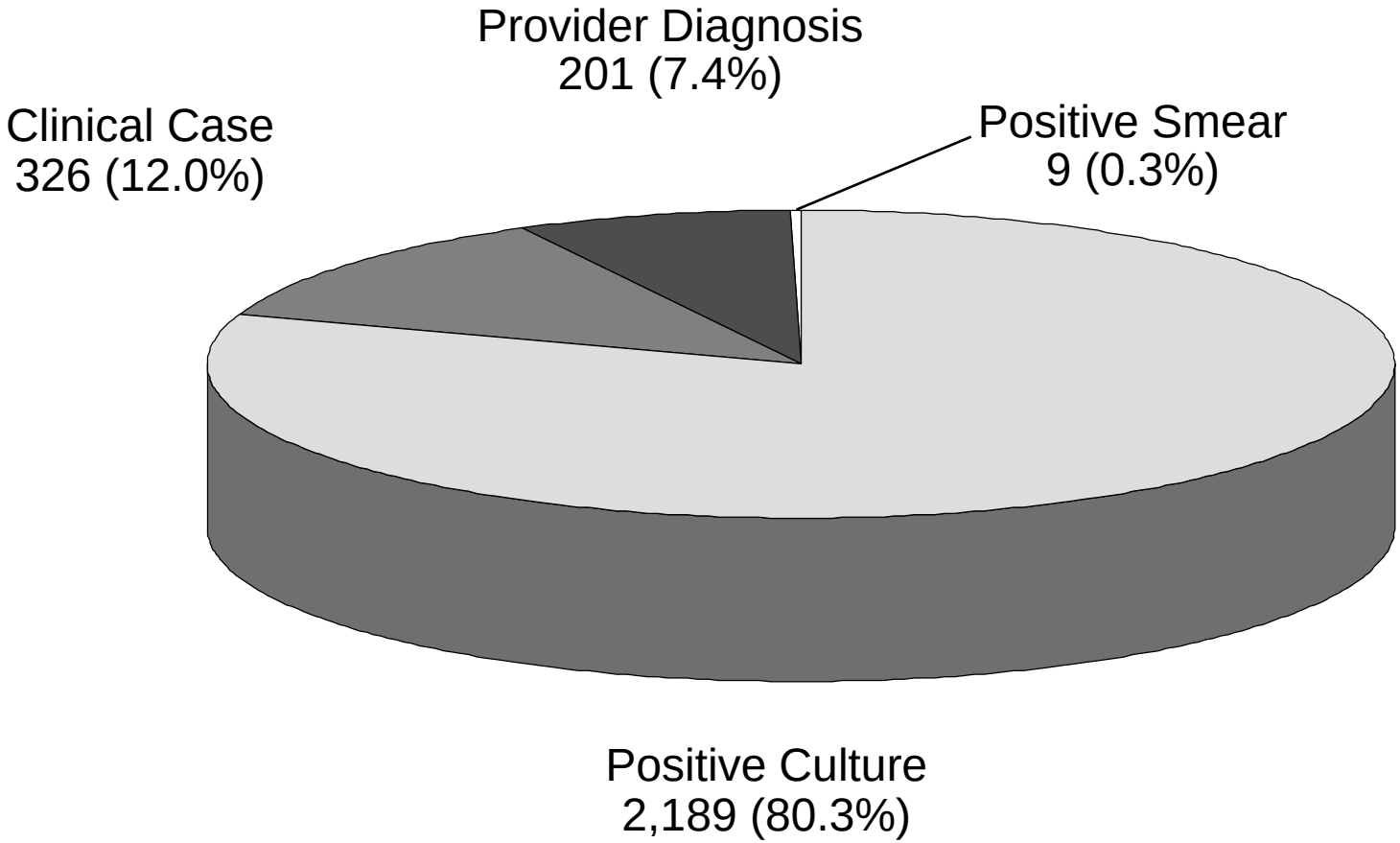

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Figure 9. Deaths in Persons with Tuberculosis: California, 1996-2005

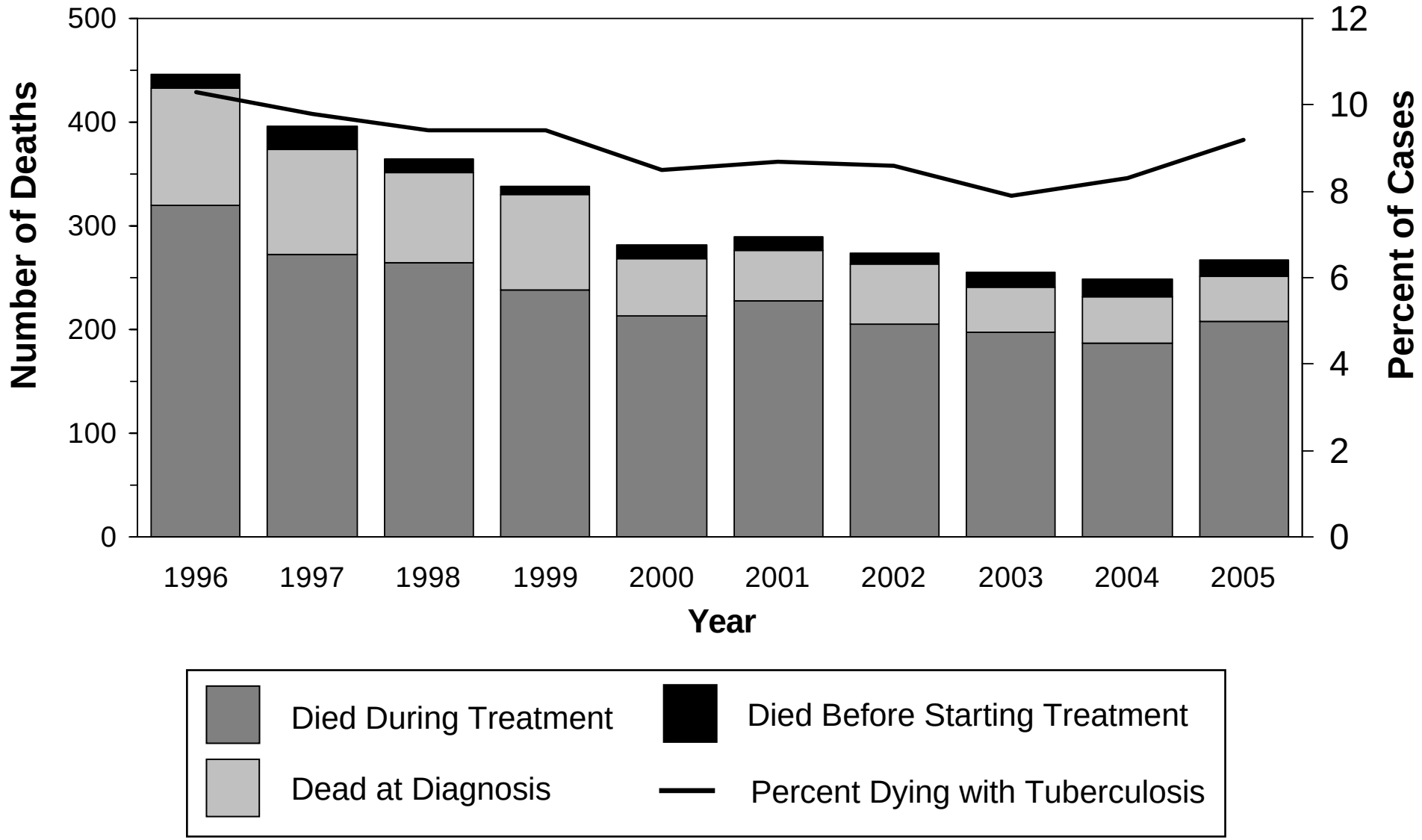

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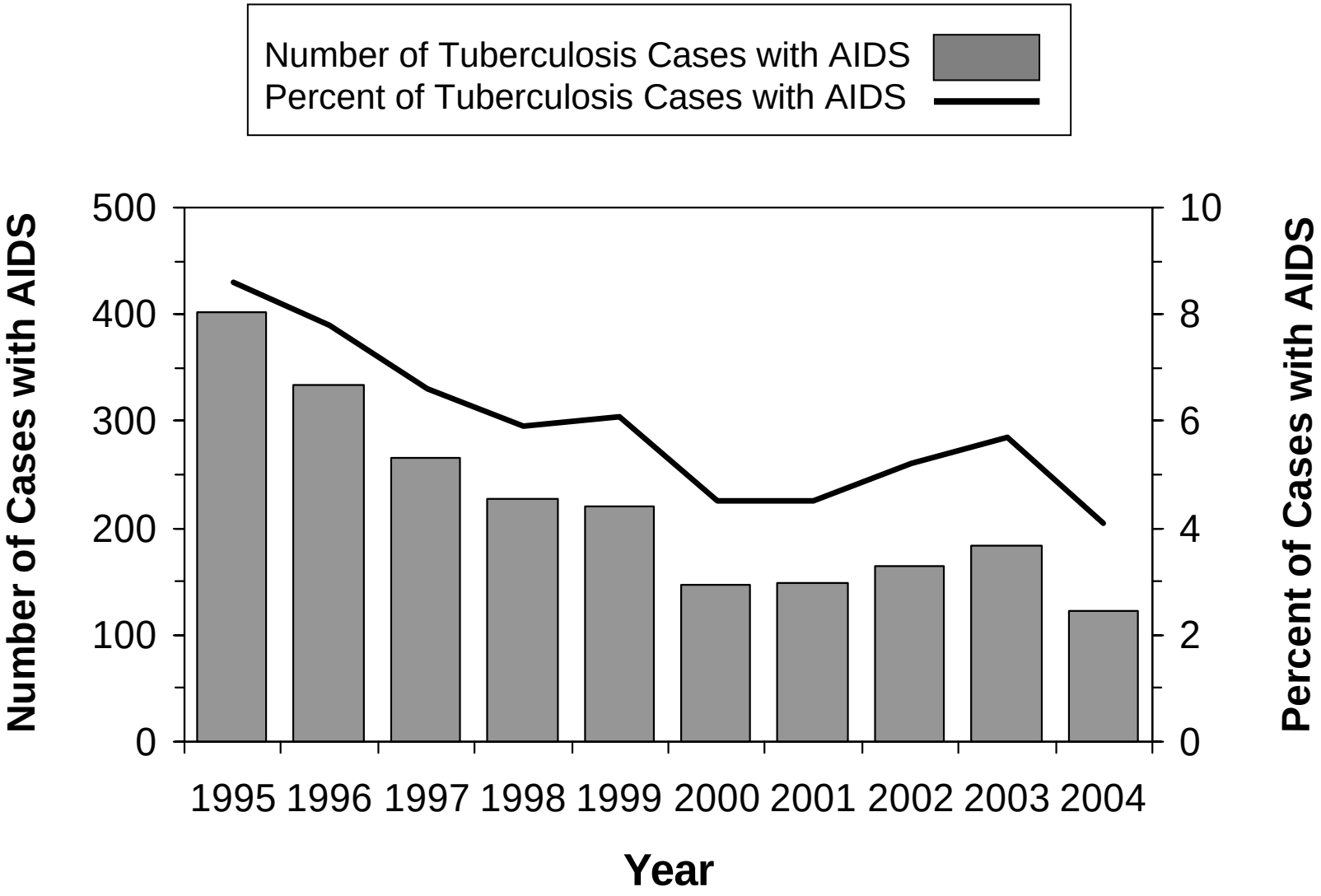
Figure 10. Tuberculosis Cases by AIDS Diagnosis*: California, 1995-2004



* Match found in AIDS Case Registry, California Office of AIDS.

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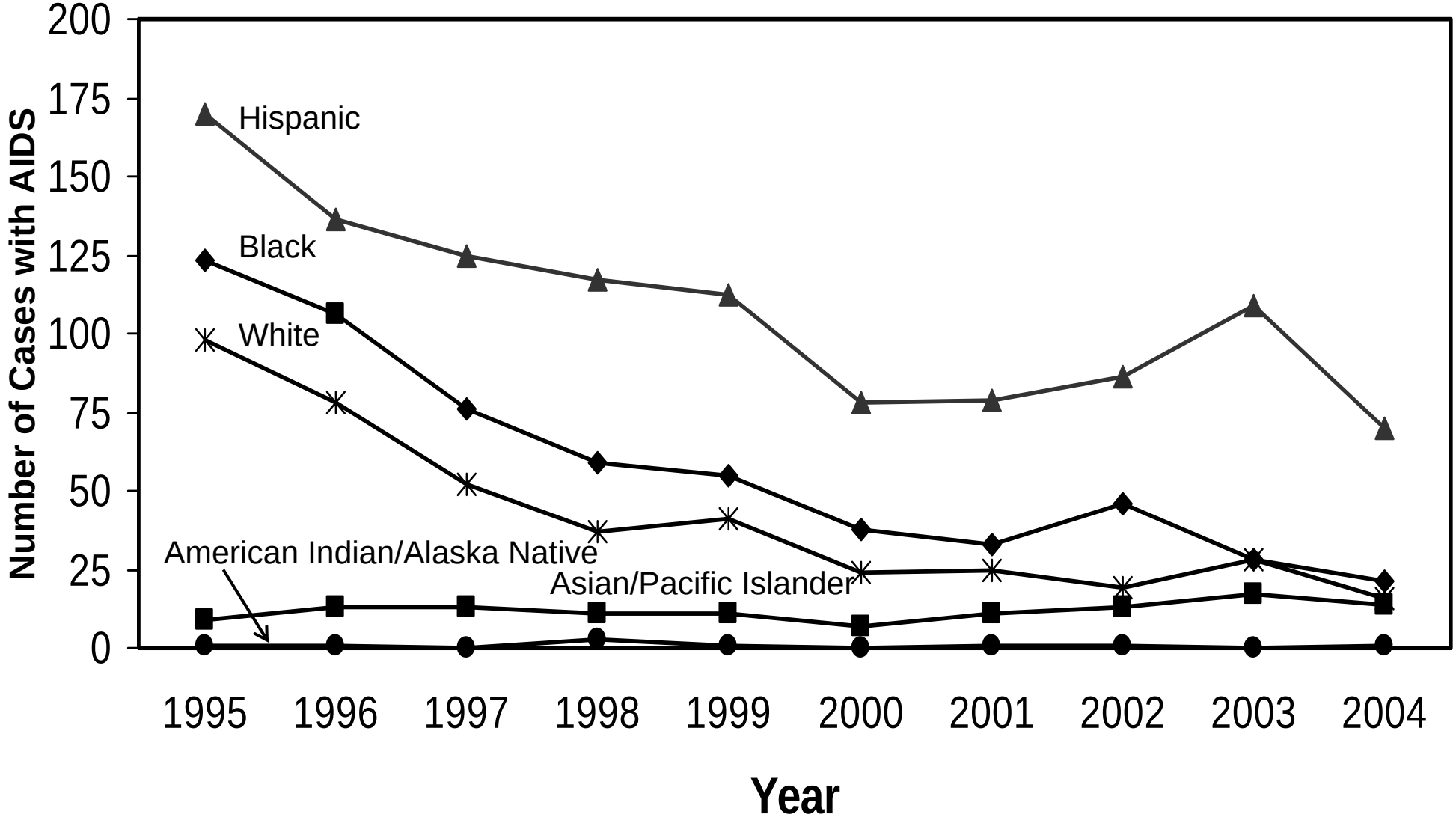
Figure 11. AIDS-associated Tuberculosis* by Race/Ethnicity: California, 1995-2004



* Match found in AIDS Case Registry, California Office of AIDS.

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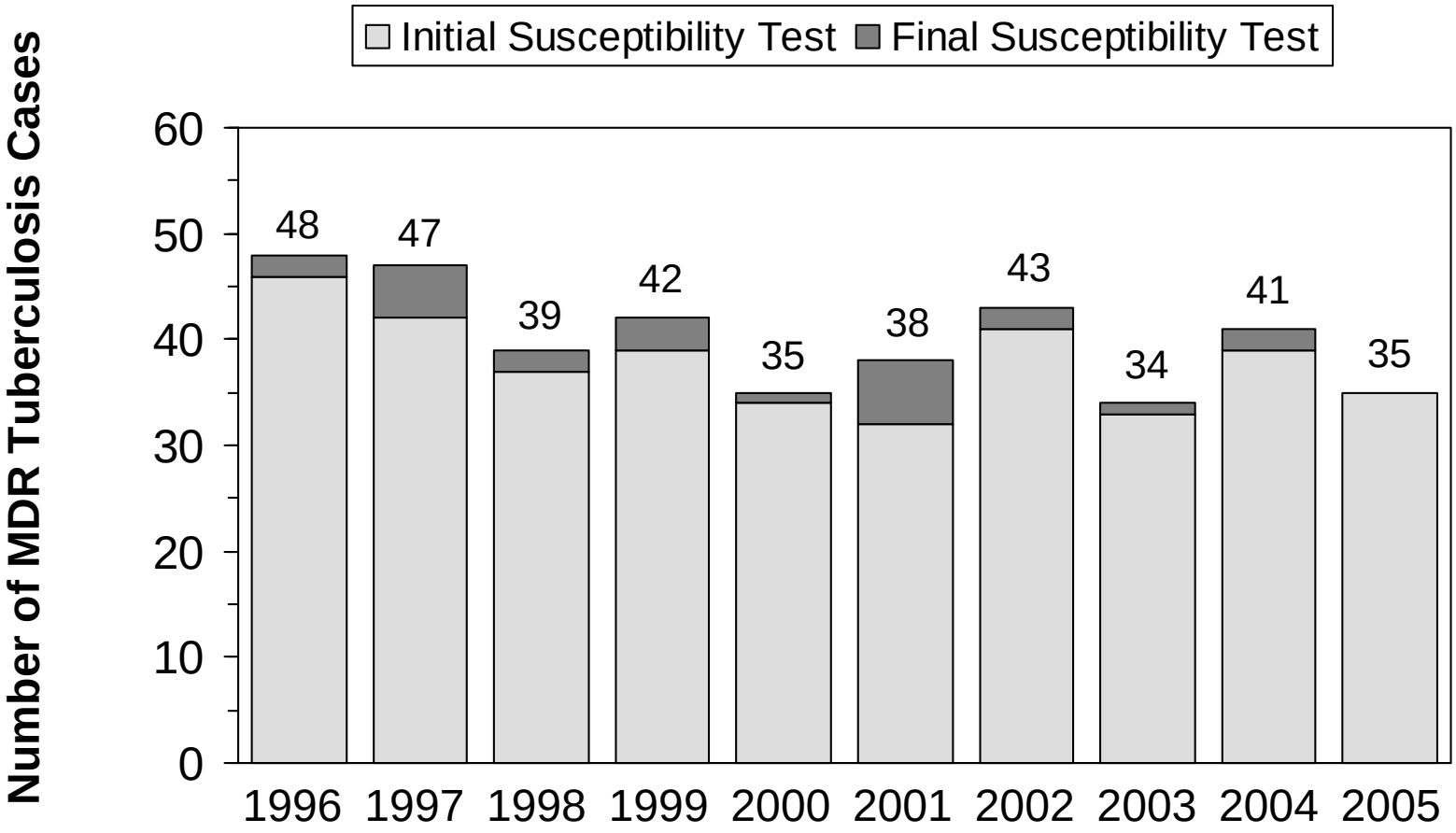
Figure 12. Tuberculosis Cases with Multidrug-resistance (MDR) on Initial or Final Drug Susceptibility Testing*: California, 1996-2005



*Cases with resistance to at least isoniazid and rifampin reported on the Initial Drug Susceptibility Report (Follow-up 1) or on the Case Completion Report (Follow-up 2).

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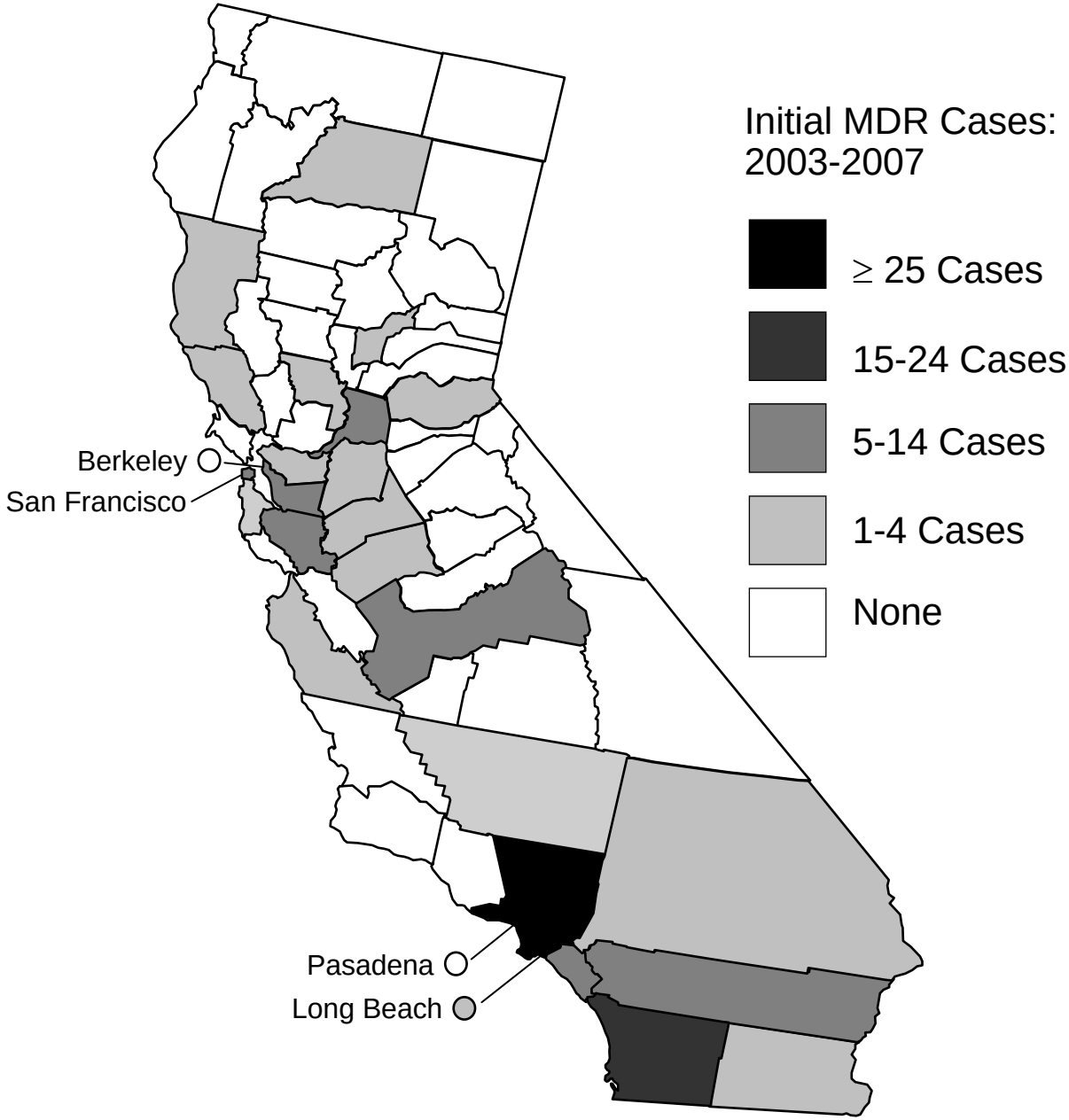
Figure 13. Tuberculosis Cases with Initial Multidrug-resistance (MDR)*: California, 2003-2007



*Cases with initial drug resistance to at least isoniazid and rifampin.

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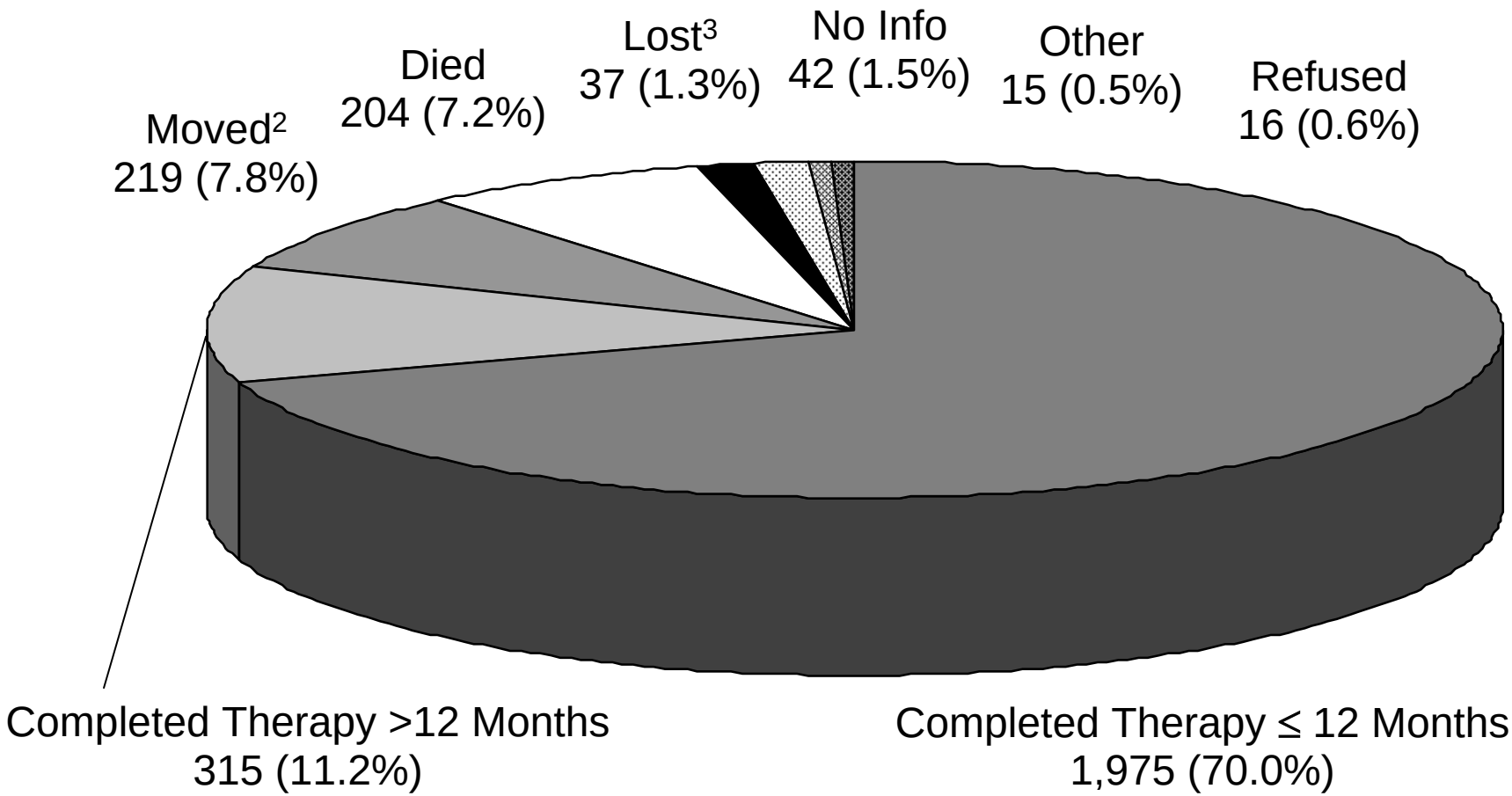
Figure 14. Tuberculosis Cases[1] by Outcome of Therapy: California, 2005



[1] Patient alive at diagnosis and started on an initial drug regimen of one or more drugs.
[2] Patient moved to another jurisdiction with a known forwarding address before treatment was completed.
[3] Patient could not be located prior to the completion of treatment.

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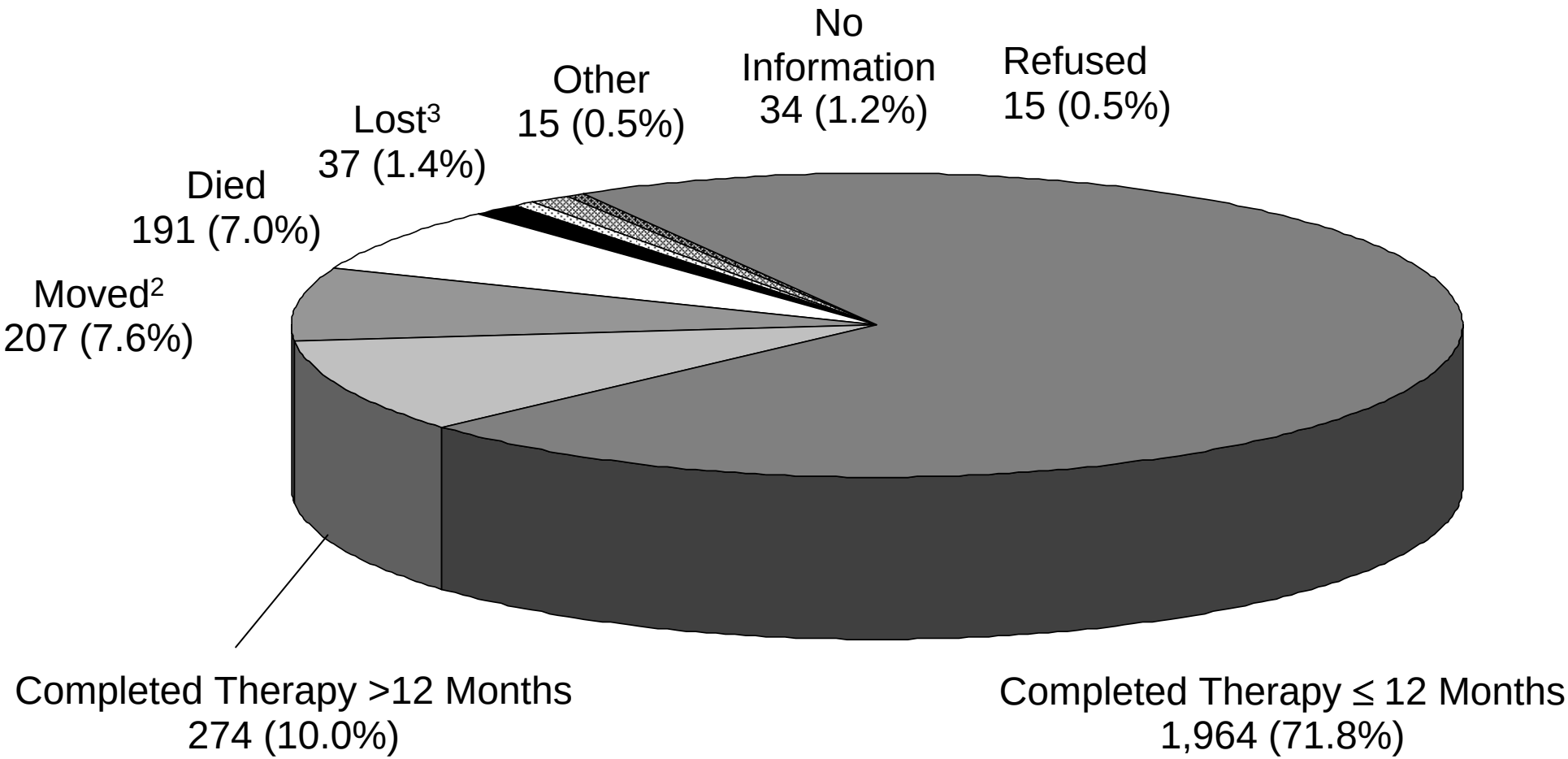
Figure 15. Outcome in Tuberculosis Cases for Whom One Year or Less of Treatment was Indicated[1]: California, 2005



[1] Excludes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.

[2] Moved to another jurisdiction with a known forwarding address before treatment was completed.

[3] Patient could not be located prior to the completion of treatment.

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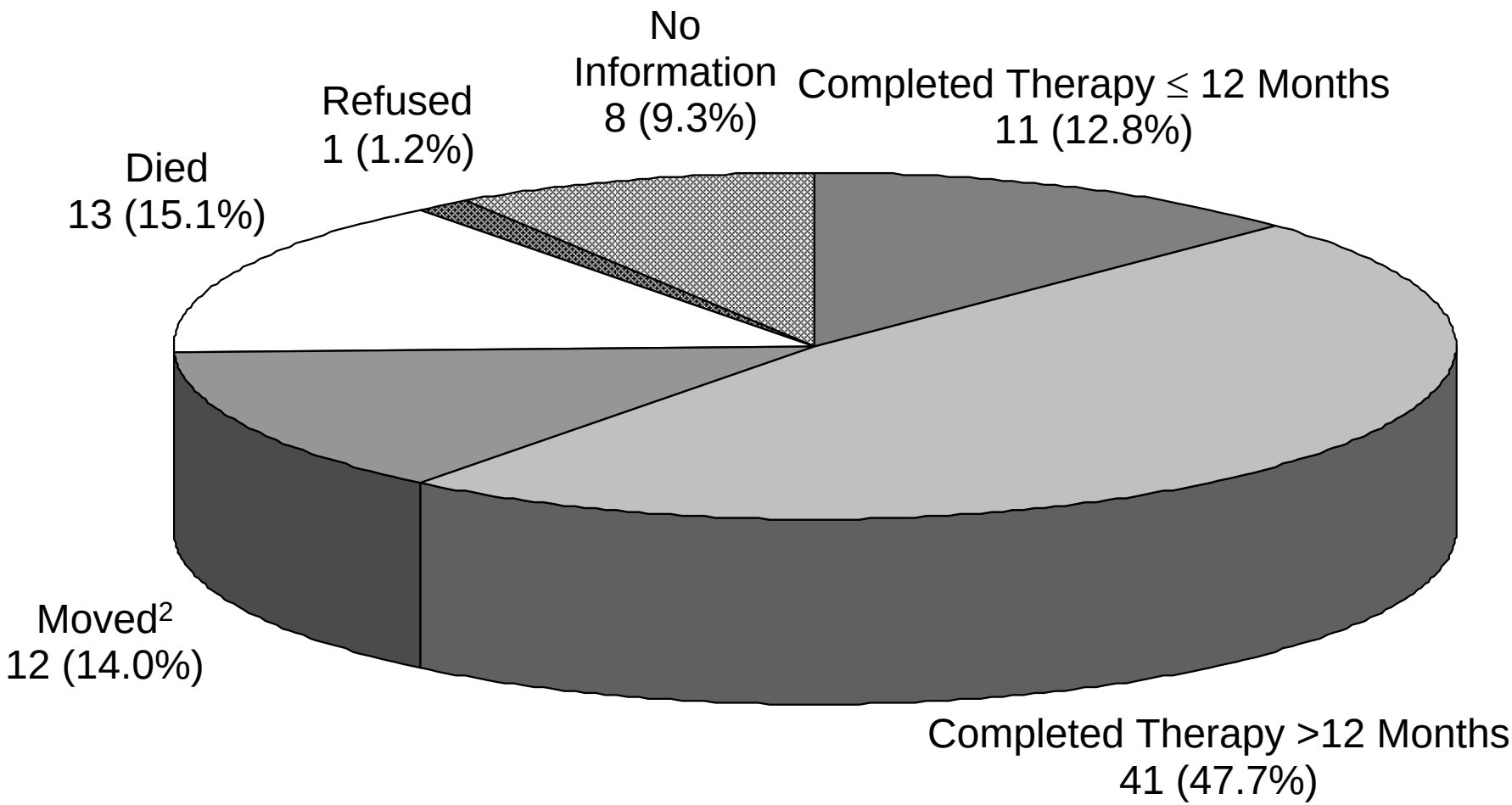
Figure 16. Outcome in Tuberculosis Cases for Whom Greater than One Year of Treatment was Indicated[1]: California, 2005



[1]Includes cases with rifampin resistant disease, cases with meningeal disease, and cases less than 15 years of age with disseminated tuberculosis disease.
[2] Patient moved to another jurisdiction with a known forwarding address before treatment was completed.
[3] Patient could not be located prior to the completion of treatment.

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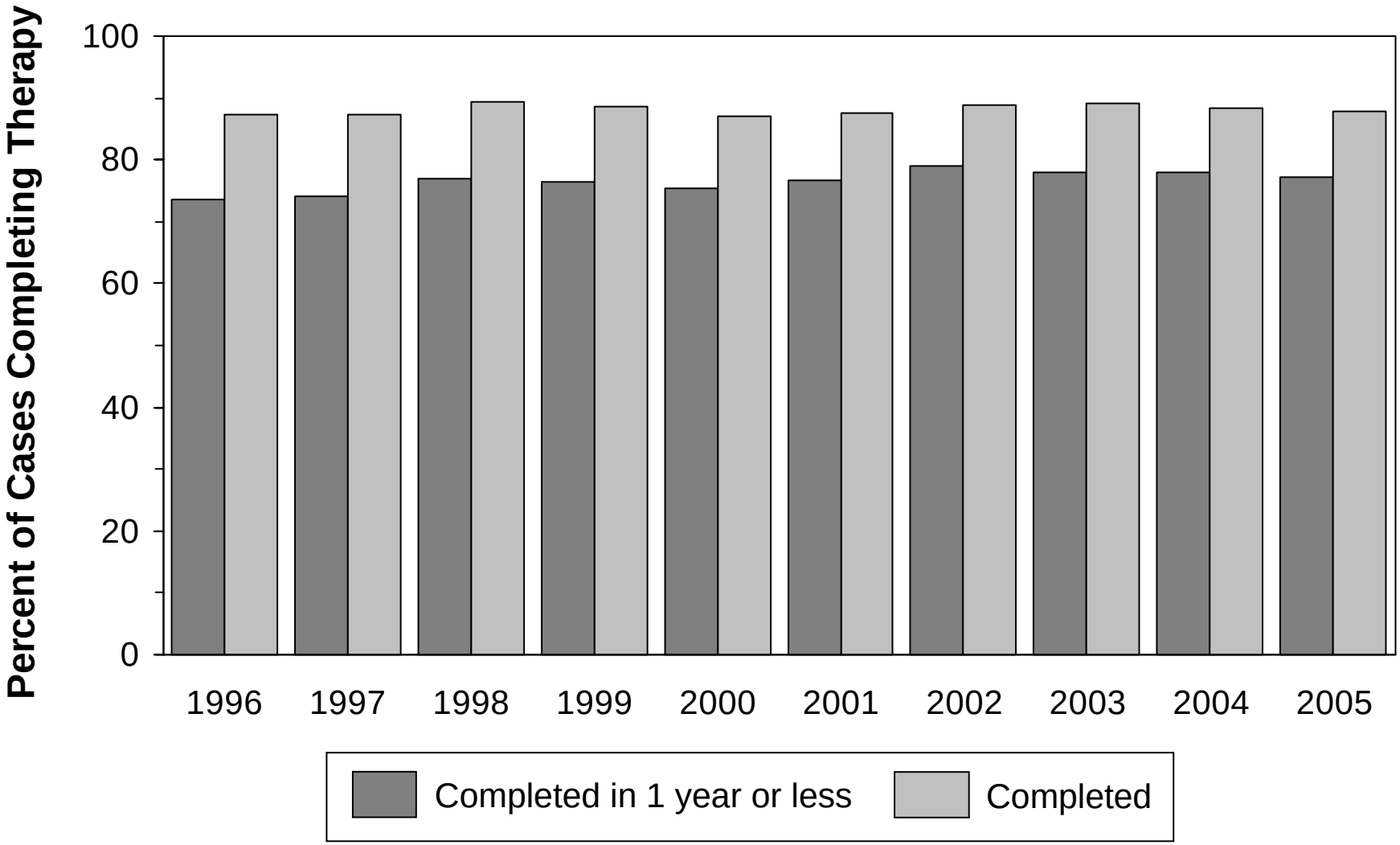
Figure 17. Completion of Tuberculosis Therapy: California,1996-2005



Note: Excludes cases with rifampin resistant disease, cases with meningeal disease, cases less than 15 years of age with disseminated tuberculosis disease, and those that died during treatment.

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Technical Notes

Reporting Jurisdictions

California has 61 jurisdictions reporting on TB morbidity. There are 58 counties and the cities of Berkeley, Long Beach, and Pasadena. Reports from Alameda County exclude TB cases from the city of Berkeley, and reports from Los Angeles County exclude cases from the cities of Long Beach and Pasadena.

TB Cases

A TB case submitted to the TBCB Registry by January 15, 2008 was included in this report if the case was confirmed as active TB between January 1 and December 31, 2007. After reporting the case, a jurisdiction may subsequently decide that a reported case did not have TB. Also, a few cases may be reported after the submission deadline. These changes will be reflected in future reports. Therefore, the total number of TB cases counted in a given year may change, although usually by a very small number of cases. For historical data in Tables 1–5 and 12–14, we used the original number of reported cases, not the revised number. For all other tables, the revised number of cases was used.

Population Data

State and county population totals, and data by age, sex, and race/ethnic group for California are from the following sources published by the State of California, Department of Finance: *Race/Ethnic Population with Age and Sex Detail*, *1970–1989,* December 1998; *Race/Ethnic Population with Age and Sex Detail, 1990–1999*, May 2004; and *Population Projections by Race/Ethnicity for California, 2000–2050*, May 2004.

Population data for 1985–2000 for the cities of Berkeley, Long Beach, and Pasadena are from the following sources: State of California, Department of Finance, *E–4 Population Estimates for California Cities and Counties, January 1, 1981, to January 1, 1990,* Sacramento, California, May 2005; State of California, Department of Finance, *E–4 Revised Historical City, County, and State Population Estimates, 1991–2000, with 1990 and 2000 Census Counts*, Sacramento, California, March 2002. City population data for 2001-2007 are from the annual series: State of California, Department of Finance, *E–1 Population Estimates for City County Population Estimates with Annual Percentage Change, Sacramento, California.* Population totals for the jurisdiction of Alameda were calculated by subtracting Berkeley totals from Alameda County totals; population totals for the jurisdiction of Los Angeles were calculated by subtracting Long Beach and Pasadena totals from Los Angeles County totals.

Population data used to calculate rates of TB among foreign-born and U.S.-born persons are from the *Current Population Survey*, published annually by the California Department of Finance.

To calculate 2000–2007 TB rates for race/ethnic groups that are comparable to the race/ethnic categories prior to 2000, the multi-race category in the 2000–2007 population data was reallocated to a single race/ethnic group according to the allocation table in this source: State of California, Department of Finance, *Suggested Allocations of the Multi-race Category for Use with Projections by Race/Ethnicity for California and Its Counties, 2000–2050*, Sacramento, California, June 2004.

Small Case Numbers

While there are different methods for reporting the rates of rare events, we have chosen not to report rates when the total number of TB cases is less than five. Rates of zero, based on no TB cases, are also not reported. Where the rate is not reported, changes in rate over time are also not reported.

In tables that report demographics of, and risk factors for, TB cases by reporting jurisdictions (Tables 15–19, 29–36), data from jurisdictions with less than five cases of TB are aggregated to reduce the likelihood that individual TB cases in a given jurisdiction can be identified.

The following 11 jurisdictions had one to four cases of TB in 2007: Butte, Calaveras, El Dorado, Glenn, Lake, Madera, Mendocino, San Luis Obispo, Shasta, Sutter, and Tehama counties. The following 17 jurisdictions had no TB cases in 2007: Alpine, Amador, Colusa, Del Norte, Humboldt, Inyo, Lassen, Mariposa, Modoc, Mono, Nevada, Plumas, San Benito, Sierra, Siskiyou, Trinity, and Tuolumne counties.

Race/Ethnicity

The RVCT has one variable for race and one for ethnicity. If a case is classified as “Hispanic” on the RVCT, then the case is reported as “Hispanic” in this report, regardless of race.

Beginning in 2003, the federal Office of Management and Budget (OMB) reporting mandates required separate reporting of Asian and Pacific Islander/Native Hawaiian races, as well as the opportunity for persons to identify themselves by one or more racial groups. In 2007, 1,243 persons with TB in California were reported as Asian only (not Hispanic), and 17 persons were reported as Pacific Islander or Native Hawaiian only (not Hispanic). In tables where data on race/ethnicity are presented (except Table 17) these persons are combined in the Asian/Pacific Islander race/ethnic group, in order to provide comparability to previous years’ data. In 2007, of the four persons reporting

more than one race category, none were Hispanic. One person reported as White and Black, and one person reported as Asian and Black are included in the Black race/ethnicity group. One person reported as White and Asian, and one person reported as Asian and Native Hawaiian/Pacific Islander are included in the Asian/Pacific Islander race/ethnicity group.

AIDS–associated TB

TB cases co-infected with the human immunodeficiency virus (HIV), and diagnosed and reported with acquired immunodeficiency syndrome (AIDS), are identified by matching TBCB Registry data with the AIDS case registry in the California Department of Public Health, Office of AIDS. At the time of this report, the match results were not available for 2005 - 2007.

Ranking of Jurisdictions

For Table 12, jurisdictions are ranked in order of decreasing 2007 case rates with the highest rank first. Those jurisdictions with one to four cases are not given a rate and are given the same rank; they are listed according to decreasing number of cases. Jurisdictions with no cases of TB are given the same rank and they are listed in alphabetical order. Jurisdictions with the same rate are given the higher rank; the subsequent rank is skipped.

Case Completion Reports

Because the Case Completion Report (Follow-up 2) is not submitted until many months after a TB case is initially reported, 2005 data on health care provider type, directly observed therapy (DOT) and treatment outcomes (Tables 27, 28, 47–51, Figures 14–17) are the most recently available and are reported here. The source of data for these tables and figures is the jurisdiction that originally reported the case. Thus, the data in these tables reflect the practices and outcomes of case management in the jurisdiction that counted the case. For example, if a patient moved from jurisdiction A to jurisdiction B and completed therapy in jurisdiction B, he is counted as a “moved” case in jurisdiction A; the subsequent completion of therapy is not included in our tables. Or, if a patient received DOT in jurisdiction A, but not in jurisdiction B, these tables reflect only that he received DOT in jurisdiction A.

Data for Figure 17 (Completion of Tuberculosis Therapy: California, 1996–2005) are from the final Follow-up 2 submitted and, therefore, represent the overall treatment completion rate for cases beginning therapy for TB disease in California. Treatment completion may have occurred in the jurisdiction reporting the case, in another California jurisdiction, or in another state.

Drug Susceptibility Reports

Tables 37–44 present the results of initial drug susceptibility testing for the most recent year (2007). Because the Initial Drug Susceptibility Report (Follow-up 1) may be submitted several months after the initial case report, all results may not have been available at the time this report was prepared. At the time of report preparation, drug susceptibility testing was approximately 97 percent complete for culture-positive TB cases. As additional Follow-up 1 reports are submitted, overall proportions of drug resistance may change slightly. These updated results will be available in future reports, in tables presenting trends in drug resistance (Tables 45, 46, Figure 12).

Figure 12 presents multidrug-resistant TB cases (defined as cases with an isolate resistant to at least isoniazid and rifampin) reported on the Initial Drug Susceptibility Report (Follow-up 1) or the Case Completion Report (Follow-up 2).

Treatment Outcomes

Categories for completion of therapy (Tables 47–51, Figures 14–17) are: completed therapy in 12 months or less (includes patients whose treatment was completed in 365 days or less); completed therapy in more than 12 months (treatment completed in more than 365 days, or treatment completed in an undetermined amount of time). If the day of the month is missing from the treatment start or stop date (but the month and year are available), the missing day is set to the first of the month. Because the day of the month is much more likely to be missing from the stop date than the start date, the bias in calculating the duration of therapy is toward shorter duration of therapy.

Cases known to have started treatment, but for whom no Follow-up 2 is available are included in the “No Information” category. All other outcome categories reflect the “Reason Therapy Stopped” (question 37) variable of the Follow-up 2.

Table 48 and Figure 15 present outcomes of TB treatment for cases expected to complete TB therapy in one year of less. Thus, cases with rifampin-resistant disease, those with meningeal disease, and children less than 15 years of age with disseminated TB disease are excluded. Treatment outcomes for those cases not expected to complete therapy in one year (rifampin-resistant disease, meningeal disease, and children less than 15 with disseminated disease) are presented in Table 49 and Figure 16.

Figure 17 presents completion of TB therapy using methodology identical to that used by CDC. Patients with rifampin-resistant disease, patients with meningeal disease, patients under 15 years of age with disseminated disease, and patients who died during treatment are excluded. The percentage of patients who completed therapy in one year or less is presented, as well as the percentage of patients who completed therapy, regardless of duration.