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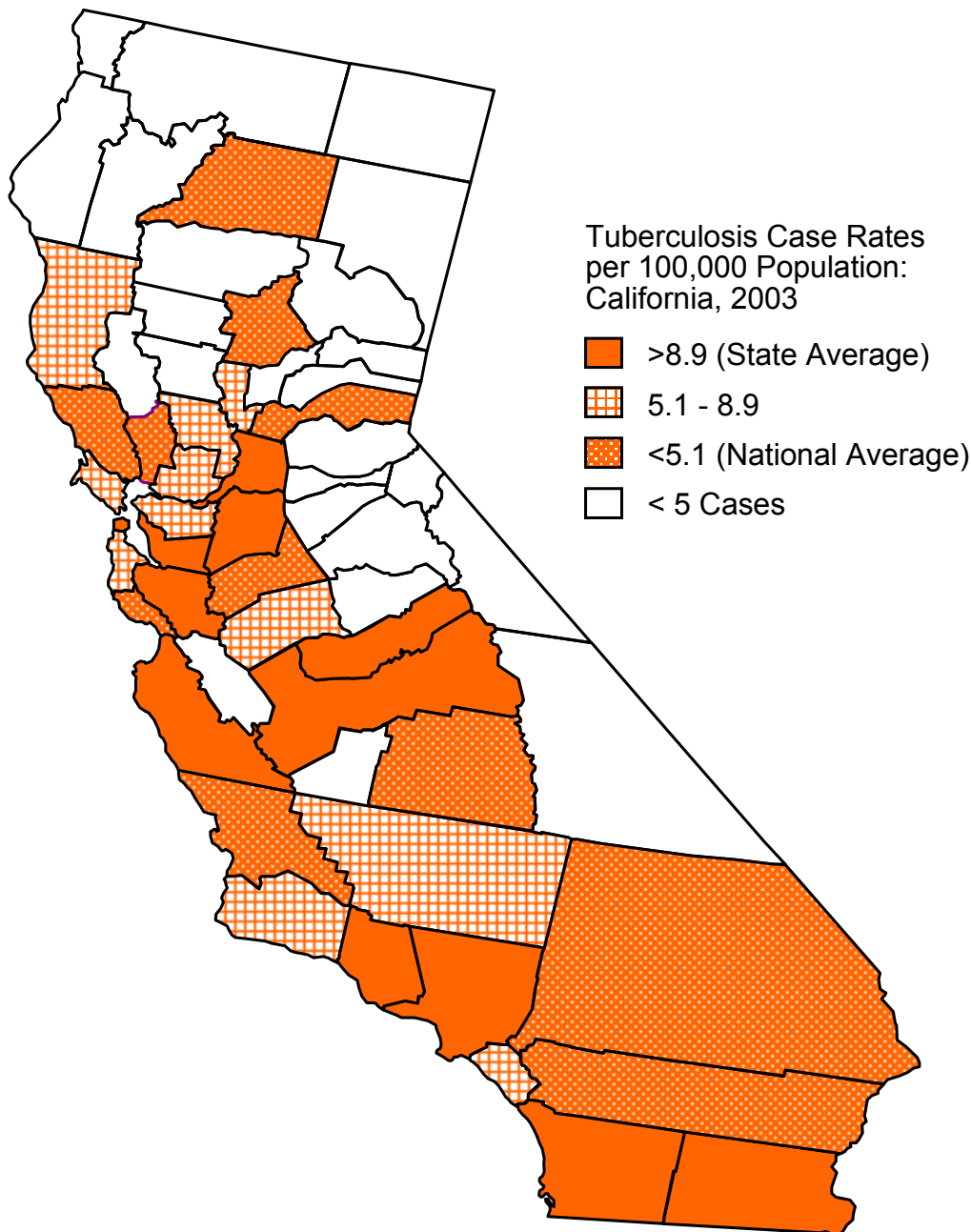
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# REPORT ON TUBERCULOSIS IN CALIFORNIA, 2003



January 2005

Arnold Schwarzenegger, Governor  
State of California

Kimberly Belshé, Secretary  
California Health and Human Services Agency

Sandra Shewry, Director  
Department of Health Services



# Report on Tuberculosis In California, 2003

Arnold Schwarzenegger  
Governor  
State of California

Department of Health Services  
Division of Communicable Disease Control  
Tuberculosis Control Branch  
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January 2005



Kimberly Belshé, Secretary  
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**Report on Tuberculosis in California, 2003  
California Department of Health Services  
Division of Communicable Disease Control  
Tuberculosis Control Branch**

**January 2005**

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Cover: The map illustrates tuberculosis case rates by reporting jurisdiction in 2003. Twelve jurisdictions have tuberculosis case rates above the state average of 8.9 cases per 100,000 population. Eleven jurisdictions have tuberculosis case rates below the 2003 national rate of 5.1 per 100,000 population. Eleven jurisdictions have case rates between the national and state rates (5.1 to 8.9 per 100,000 population). Case rates were not calculated for 24 jurisdictions because there were fewer than five cases in these areas. Jurisdictions of Berkeley, Long Beach, and Pasadena are not represented on the map.



California  
Department of  
Health Services

**SANDRA SHEWRY**  
Director

State of California—Health and Human Services Agency  
**Department of Health Services**



**ARNOLD SCHWARZENEGGER**  
Governor

January 14, 2005

Dear Colleagues,

In these first years of the new millennium, the decline in the number of tuberculosis (TB) cases and rates has halted. Following years of decline from the peak of the epidemic in 1992, TB cases rose slightly in 2001 and again in 2003. In 2003, the number of cases increased in all racial and ethnic groups except non-Hispanic blacks. While 75 percent of California's cases are reported in persons born outside the United States, for the first time in a decade the number of TB cases in U.S.-born persons increased in 2003. TB cases co-infected with HIV and multidrug-resistant tuberculosis continue to challenge TB programs throughout the state.

In the face of rising TB cases and difficult economic times, information contained in this report is critical to helping us prioritize and target our efforts. I hope you will find this eighth annual Report on Tuberculosis in California helpful in your efforts to strengthen TB control in our state.

Sincerely,

Sarah Royce, M.D., M.P.H.  
Chief  
Tuberculosis Control Branch

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## **Introduction**

Reportable cases of tuberculosis (TB) are submitted to the TB Control Branch (TBCB), California Department of Health Services, 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 tuberculosis, 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 Division of Communicable Disease Control is currently implementing a web-based surveillance system for notifiable diseases, including tuberculosis, that will allow all jurisdictions in California to submit TB cases 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**

TB cases rose in California in 2001 and again in 2003, following eight years of decreasing numbers from the peak of the TB epidemic in 1992. This halt in the decline of cases has resulted in an estimated 750 excess cases of TB, and approximately 60 deaths above what was expected had California's cases continued to decline at an average of six percent per year as they had from 1992–2000. California reported 3,227 cases in 2003, the largest number of cases of any state, and 22 percent of the nation's 14,874 cases.

California's 2003 case rate of 8.9 per 100,000 was the second highest in the nation. The rate of TB remains well above both the U.S. rate of 5.1 per 100,000 and the Healthy People 2000 objective of 3.5 cases per 100,000.

## **Geographic Distribution**

TBCB examined TB cases from jurisdictions reporting an average of 30 or more cases per year during the period 1998–2000. In 2003, these 19 jurisdictions accounted for 93 percent of the cases, with a case rate of 9.7 per 100,000. The remaining seven percent of the state's cases (n=242) were reported from the 42 rural and smaller jurisdictions, where the case rate was 4.3 per 100,000. Both categories of jurisdictions showed a decline in case numbers of over 16 percent from 1998–2003. However, between 2002 and 2003, cases increased 16 percent in the rural and smaller jurisdictions, compared to less than one percent increase in the high morbidity jurisdictions.

Thirteen jurisdictions reported zero cases in 2003, representing little change in the number of jurisdictions reporting zero cases since 1993. Of note, only four jurisdictions reported zero cases throughout the entire period 1998–2003.

## **Demographics**

The only decline in cases among racial and ethnic groups between 2002–03 was in non-Hispanic blacks, where the number of cases decreased by ten percent. Cases among Asians/Pacific Islanders, comprising 42 percent of California's total TB cases, increased by five percent, while cases among Hispanics (40 percent of total cases), increased by less than one percent. Cases among non-Hispanic whites (ten percent of total cases), increased by nearly three percent.

In 2003, rates of TB for Asians/Pacific Islanders and Hispanics were 16 (sixteen) and 6 (six) times that of non-Hispanic whites, respectively. Despite the decrease in case numbers among non-Hispanic blacks, the case rate in this group remains five times higher than among non-Hispanic whites. Since the TB epidemic peak in 1992, the disparity in TB rates among racial and ethnic groups

has narrowed somewhat for blacks, a predominately U.S.-born group, but has widened for the other racial and ethnic groups.

Pediatric TB cases, age 0–4 years, increased by four percent in California between 2002–03. Of the 132 pediatric cases in 2003, nearly three-fourths (73 percent) were born in the U.S. Seventy-five percent of the pediatric cases were Hispanic. These youngest children continue to comprise four percent of all cases in California. As they reflect recent infection, these children serve as a sentinel warning of the infectious TB threats in their environments.

### **TB in Foreign-born Persons**

In 2003, three-fourths of California's TB cases were in foreign-born persons. California reported over 30 percent of the nation's total foreign-born cases, 40 percent of the nation's Mexican-born cases, and 50 percent of cases from the Philippines. Mexican-born persons comprise one-fourth of California's total cases. Devising culturally and linguistically appropriate interventions to promptly detect and prevent TB in California's immigrants remains a major challenge.

### **TB in U.S.-born Persons**

The number of TB cases born in the United States increased from 758 to 771 between 2002–03, marking the first increase since the epidemic peak in 1992. Cases among U.S.-born, non-Hispanic whites increased by ten percent in 2003, and U.S.-born Hispanic cases increased by four percent. In 2003, although U.S.-born cases comprised less than 25 percent of all California cases, they represented 57 percent of the state's homeless cases, 49 percent of those with excess alcohol use, and 62 percent of those using injecting drugs. These characteristics represent risk factors for non-adherence to treatment, which can result in sustained infectiousness with potential for transmission to others.

### **AIDS-associated TB**

From 1993–2000, the number of TB cases with a co-diagnosis of AIDS decreased 71 percent, from 515 to 147. However, beginning in 2001, both the number of AIDS-TB cases, as well as the proportion of TB cases with AIDS, has increased slightly. In 2002, 1 in 20 TB patients in California had AIDS. Increases in both the number and percentage of cases with a co-diagnosis have occurred among non-Hispanic blacks, Hispanics and Asians/Pacific Islanders, as well as among TB cases born outside the U.S. TB-AIDS co-infection is disproportionately represented in the homeless and substance abusing populations in California.

### **Drug Resistance**

In 2003, 37 percent of the nation's multidrug-resistant TB (MDR-TB) cases were reported in California. Between 1994–2003, 407 (1.4 percent) newly reported culture-positive TB cases in California had MDR-TB, 84 percent of whom were born outside the U.S. During this time, MDR-TB cases have been

reported in over half of California's local health jurisdictions, including 19 of the 42 (45 percent) rural and smaller health jurisdictions. In 2003, in these jurisdictions, MDR-TB cases comprised four percent of all cases, compared to 1.4 percent statewide. The increased duration of treatment required for MDR-TB cases means that the number of newly diagnosed MDR-TB cases underestimates the workload that this group of patients represents to local health departments. Approximately 80 MDR-TB cases are under treatment in California at any point in time. The MDR-TB Service of the California Department of Health Services (DHS) TBCB assists local health departments to ensure that these cases and their contacts are appropriately evaluated, treated, and followed up.

Single drug (isoniazid) resistance among culture-positive cases has fluctuated between 9 to 12 percent since 1994. Without proper treatment, these cases can develop additional resistance and become MDR-TB. In 2003, nearly 14 percent of TB cases were resistant to one or more of the primary drugs used in the treatment of TB (Table 44).

### **TB in Homeless Persons and Persons with Substance Abuse**

The percentage of cases reporting homelessness, excess alcohol use, or injecting or non-injecting drug use has decreased slightly since 1994. In 2003, nearly 300 cases were reported with at least one of these risk factors, each of which complicates the treatment of TB. Two or more of these risk factors were reported in 165 TB cases. Despite the overall decline during the past decade, from 2002–03 the number of homeless cases increased by 12 percent, and cases using excess alcohol increased by seven percent.

### **Treatment Outcomes**

Among drug-susceptible TB cases reported in 2001, 71 percent completed therapy in the reporting jurisdiction in one year or less, while another ten percent completed therapy in over one year (Table 48). Because outcomes in the reporting jurisdictions do not include final treatment outcomes for patients who moved and are known to have completed therapy in another jurisdiction, we also report final treatment outcomes (excluding patients who died during treatment) (Figure 17). Using this methodology, which corresponds to that used by the Centers for Disease Control and Prevention, 80 percent of TB patients completed therapy in one year or less, and an additional 11 percent completed in more than one year.

Approximately two percent of patients default (are lost to follow-up or refuse treatment) from therapy each year, and an additional eight percent move before treatment is completed (Table 48). Achieving the Healthy People 2010 objective of 90 percent completion of therapy in one year or less will require interventions to reduce the proportion of patients with delayed therapy completion, movement, or defaulting. The TBCB Patient Locating Service is available to provide local programs with technical and/or direct assistance with locating lost TB patients.

One method to improve treatment completion rates is the use of Directly Observed Therapy (DOT) in patients at high risk for not completing therapy. Of all patients reported in 2001, 76 percent received at least some therapy via DOT (Table 28). Statewide efforts are underway to ensure that DOT is utilized in treating the highest priority patients.

Of patients reported in 2001, seven percent (n=227) died during treatment for TB (Table 47). An additional two percent (n=63) died before the diagnosis of TB was made, or prior to treatment initiation (Table 25). In 2005, the DHS TBCB will provide investigative tools to assist local health jurisdictions determine whether deaths associated with TB were preventable, and to develop interventions to prevent future deaths.

### **TB Patients Who Move**

Approximately eight percent of patients (n=255) starting treatment for TB disease in California in 2001 moved out of their reporting jurisdiction prior to treatment completion (Table 47). Of these, 41 percent moved to another jurisdiction in California, 21 percent moved to another state, and 38 percent moved out of the country. Of the 97 patients moving out of the country, 54 (56 percent) listed Mexico as their destination. Records indicate that nearly all Mexico-bound patients were referred through CureTB, the San Diego-based program designed to foster continuity of care for patients who move across the U.S.-Mexico border. A similar referral program would benefit patients moving to the Philippines, the destination of 13 percent of California's patients who move out of the country.

For patients who moved within California or to another state, reporting final treatment outcomes (other than moved) improved from 58 percent in 1997 to 67 percent in 2001. In 2001, of 106 moved patients whose final outcomes were determined, 96 percent completed treatment. Reporting of treatment outcomes of moved patients will continue to improve following the recent implementation of the DHS TBCB protocol to verify whether moved patients completed or continued treatment after relocating to another jurisdiction.

**Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2003**

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	16.3	16.1	12.4
1991	5,273	17.3	7.9	6.1
1992	5,382	17.3	2.1	0.0
1993	5,173	16.4	-3.9	-5.2
1994	4,860	15.3	-6.1	-6.7
1995	4,675	14.6	-3.8	-4.6
1996	4,313	13.3	-7.7	-8.9
1997	4,059	12.3	-5.9	-7.5
1998	3,855	11.5	-5.0	-6.5
1999	3,608	10.6	-6.4	-7.8
2000	3,297	9.5	-8.6	-10.4
2001	3,332	9.5	1.1	0.0
2002	3,169	8.9	-4.9	-6.3
2003	3,227	8.9	1.8	0.0

Tuberculosis Control Branch, California Department of Health Services

**Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, Birthplace: California, 1994 - 2003**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent Change	
											1994-2003	2002-2003
<b>Total Cases</b>	<b>4,860</b>	<b>4,675</b>	<b>4,313</b>	<b>4,059</b>	<b>3,855</b>	<b>3,608</b>	<b>3,297</b>	<b>3,332</b>	<b>3,169</b>	<b>3,227</b>	<b>-33.6</b>	<b>1.8</b>
Race/Ethnicity												
White, Not Hispanic	711	659	594	524	518	448	391	365	323	332	-53.3	2.8
Black, Not Hispanic	630	592	551	421	384	376	322	292	277	249	-60.5	-10.1
Hispanic	1,804	1,691	1,549	1,431	1,401	1,340	1,198	1,252	1,273	1,281	-29.0	0.6
Asian/Pacific Islander	1,692	1,702	1,601	1,661	1,527	1,415	1,367	1,399	1,285	1,351	-20.2	5.1
American Indian/Alaska Native	20	16	13	17	25	18	16	16	7	7	-65.0	0.0
Unknown	3	15	5	5	-	11	3	8	4	7	.	.
Age Group												
0-4	285	249	222	192	164	153	116	133	127	132	-53.7	3.9
5-14	204	181	144	132	92	116	89	92	96	99	-51.5	3.1
15-24	506	437	416	419	358	334	328	318	311	349	-31.0	12.2
25-44	1,729	1,623	1,503	1,341	1,276	1,161	1,058	1,109	1,056	991	-42.7	-6.2
45-64	1,161	1,171	1,079	1,088	1,063	976	944	953	870	930	-19.9	6.9
65+	975	1,010	944	887	902	868	762	727	709	726	-25.5	2.4
Unknown	-	4	5	-	-	-	-	-	-	-	.	.
Sex												
Male	3,031	2,909	2,694	2,499	2,347	2,166	1,974	2,029	1,883	1,878	-38.0	-0.3
Female	1,829	1,765	1,617	1,560	1,508	1,442	1,323	1,300	1,285	1,349	-26.2	5.0
Unknown	-	1	2	-	-	-	-	3	1		.	.
Birthplace												
U.S.-born	1,754	1,573	1,447	1,226	1,136	1,061	904	824	758	771	-56.0	1.7
Foreign-born	3,101	3,086	2,843	2,815	2,701	2,519	2,377	2,482	2,390	2,431	-21.6	1.7
Unknown	5	15	23	18	18	28	16	26	21	25	400.0	19.0

- Indicates zero cases.

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

**Table 3. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Age Group, Sex: California, 1994 - 2003**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent Change	
											1994-2003	2002-2003
<b>Total Cases</b>	<b>15.3</b>	<b>14.6</b>	<b>13.3</b>	<b>12.3</b>	<b>11.5</b>	<b>10.6</b>	<b>9.5</b>	<b>9.5</b>	<b>8.9</b>	<b>8.9</b>	<b>-41.8</b>	<b>0.0</b>
Race/Ethnicity												
White, Not Hispanic	4.1	3.8	3.5	3.1	3.0	2.6	2.2	2.1	1.8	1.9	-53.7	5.6
Black, Not Hispanic	28.2	26.3	24.2	18.3	16.6	16.2	13.8	12.4	11.7	10.4	-63.1	-11.1
Hispanic	20.3	18.6	16.6	14.8	14.0	12.9	11.2	11.4	11.2	11.0	-45.8	-1.8
Asian/Pacific Islander	52.3	51.0	46.4	46.4	41.1	36.7	34.2	33.8	30.0	30.5	-41.7	1.7
American Indian/Alaska Native	10.4	8.3	6.7	8.6	12.5	8.9	7.8	7.7	3.3	3.2	-69.2	-3.0
Age Group												
0-4	9.8	8.6	7.8	6.9	5.9	5.5	4.2	4.7	4.5	4.6	-53.1	2.2
5-14	4.4	3.8	2.9	2.6	1.7	2.1	1.6	1.6	1.7	1.7	-61.4	0.0
15-24	11.7	10.3	9.9	9.8	8.2	7.4	7.1	6.7	6.4	7.0	-40.2	9.4
25-44	16.1	15.1	14.0	12.4	11.8	10.8	9.8	10.4	9.9	9.4	-41.6	-5.1
45-64	20.1	19.7	17.5	17.0	16.0	14.1	13.1	12.6	11.1	11.4	-43.3	2.7
65+	28.8	29.4	27.1	25.1	25.1	23.8	20.5	19.2	18.5	18.6	-35.4	0.5
Sex												
Male	19.0	18.1	16.6	15.1	14.0	12.7	11.3	11.5	10.5	10.3	-45.8	-1.9
Female	11.5	11.0	10.0	9.5	9.0	8.5	7.7	7.4	7.2	7.5	-34.8	4.2



**Table 4. Tuberculosis Cases by Race/Ethnicity and Age Group: California, 1994-2003**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent Change	
											1994-2003	2002-2003
<b>Total Cases</b>	<b>4,860</b>	<b>4,675</b>	<b>4,313</b>	<b>4,059</b>	<b>3,855</b>	<b>3,608</b>	<b>3,297</b>	<b>3,332</b>	<b>3,169</b>	<b>3,227</b>	<b>-33.6</b>	<b>1.8</b>
White, Not Hispanic	711	659	594	524	518	448	391	365	323	332	-53.3	2.8
0-4	25	11	15	9	14	4	6	7	8	3	.	.
5-14	10	5	6	7	2	9	6	2	7	5	-50.0	-28.6
15-24	29	16	18	21	14	10	14	15	16	23	-20.7	43.8
25-44	219	208	164	145	114	99	90	105	82	72	-67.1	-12.2
45-64	187	181	183	163	179	146	133	120	100	120	-35.8	20.0
65+	241	237	207	179	195	180	142	116	110	109	-54.8	-0.9
Unknown	-	1	1	-	-	-	-	-	-	-	.	.
Black, Not Hispanic	630	592	551	421	384	376	322	292	277	249	-60.5	-10.1
0-4	21	26	36	24	19	15	9	12	13	7	-66.7	-46.2
5-14	15	16	16	13	14	12	7	10	4	7	-53.3	.
15-24	40	28	35	29	22	39	28	18	28	23	-42.5	-17.9
25-44	334	269	248	179	149	146	122	111	100	77	-76.9	-23.0
45-64	156	182	152	124	126	117	117	101	94	96	-38.5	2.1
65+	64	70	63	52	54	47	39	40	38	39	-39.1	2.6
Unknown	-	1	1	-	-	-	-	-	-	-	.	.
Hispanic	1,804	1,691	1,549	1,431	1,401	1,340	1,198	1,252	1,273	1,281	-29.0	0.6
0-4	195	173	144	119	101	114	77	96	88	99	-49.2	12.5
5-14	133	124	101	71	56	82	56	65	66	67	-49.6	1.5
15-24	277	224	204	194	189	161	183	180	166	183	-33.9	10.2
25-44	655	632	602	524	526	469	418	443	460	459	-29.9	-0.2
45-64	340	323	317	318	320	306	288	286	297	288	-15.3	-3.0
65+	204	213	179	205	209	208	176	182	196	185	-9.3	-5.6
Unknown	-	2	2	-	-	-	-	-	-	-	.	.
Asian/Pacific Islander	1,692	1,702	1,601	1,661	1,527	1,415	1,367	1,399	1,285	1,351	-20.2	5.1
0-4	44	39	27	39	26	19	23	18	18	23	-47.7	27.8
5-14	46	33	21	40	20	13	19	15	19	20	-56.5	5.3
15-24	159	169	157	172	131	122	103	105	100	119	-25.2	19.0
25-44	508	499	486	488	480	438	422	442	409	378	-25.6	-7.6
45-64	473	478	420	476	430	396	399	438	378	421	-11.0	11.4
65+	462	484	489	446	440	427	401	381	361	390	-15.6	8.0
Unknown	-	-	1	-	-	-	-	-	-	-	.	.
American Indian/Alaska Native	20	16	13	17	25	18	16	16	7	7	-65.0	.
0-4	-	-	-	1	4	1	1	-	-	-	.	.
5-14	-	-	-	1	-	-	1	-	-	-	.	.
15-24	1	-	1	2	2	-	-	-	1	-	.	.
25-44	11	10	3	4	7	6	5	5	2	3	.	.
45-64	5	5	5	6	8	9	6	8	1	2	.	.
65+	3	1	4	3	4	2	3	3	3	2	.	.
Race Unknown	3	15	5	5	-	11	3	8	4	7	.	.
0-4	-	-	-	-	-	-	-	-	-	-	.	.
5-14	-	3	-	-	-	-	-	-	-	-	.	.
15-24	-	-	1	1	-	2	-	-	-	1	.	.
25-44	2	5	-	1	-	3	1	3	3	2	.	.
45-64	-	2	2	1	-	2	1	-	-	3	.	.
65+	1	5	2	2	-	4	1	5	1	1	.	.

- Indicates zero cases.

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

**Table 5. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity and Age Group: California, 1994-2003**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent Change	
											1994-2003	2002-2003
<b>Total Cases</b>	<b>15.3</b>	<b>14.6</b>	<b>13.3</b>	<b>12.3</b>	<b>11.5</b>	<b>10.6</b>	<b>9.5</b>	<b>9.5</b>	<b>8.9</b>	<b>8.9</b>	<b>-41.8</b>	<b>.</b>
White, Not Hispanic	4.1	3.8	3.5	3.1	3.0	2.6	2.2	2.1	1.8	1.9	-53.7	5.6
0-4	2.2	1.0	1.5	0.9	1.4	.	0.6	0.7	0.9	.	.	.
5-14	0.5	0.2	0.3	0.3	.	0.4	0.3	.	0.3	0.2	-60.0	-33.3
15-24	1.5	0.8	0.9	1.1	0.7	0.5	0.7	0.7	0.7	1.1	-26.7	57.1
25-44	3.8	3.7	2.9	2.6	2.1	1.9	1.7	2.1	1.6	1.5	-60.5	-6.3
45-64	5.0	4.7	4.7	4.1	4.3	3.4	3.0	2.6	2.1	2.5	-50.0	19.0
65+	9.5	9.3	8.1	7.0	7.6	6.9	5.4	4.4	4.2	4.1	-56.8	-2.4
Black, Not Hispanic	28.2	26.3	24.2	18.3	16.6	16.2	13.8	12.4	11.7	10.4	-63.1	-11.1
0-4	9.4	12.0	17.3	12.1	9.9	8.0	4.9	6.5	7.0	3.8	-59.6	-45.7
5-14	4.0	4.2	4.1	3.3	3.4	2.9	1.7	2.4	.	1.7	-57.5	.
15-24	11.6	8.1	10.1	8.4	6.3	11.1	7.8	4.9	7.6	6.1	-47.4	-19.7
25-44	43.7	35.2	32.3	23.4	19.7	19.5	16.5	15.2	13.8	10.8	-75.3	-21.7
45-64	42.7	48.1	38.5	30.2	29.7	26.7	25.6	21.3	19.1	18.9	-55.7	-1.0
65+	38.6	41.6	36.7	29.3	30.2	26.1	21.2	21.3	20.0	20.3	-47.4	1.5
Hispanic	20.3	18.6	16.6	14.8	14.0	12.9	11.2	11.4	11.2	11.0	-45.8	-1.8
0-4	15.6	13.4	11.2	9.2	7.8	8.7	5.8	7.2	6.5	7.2	-53.8	10.8
5-14	8.0	7.2	5.6	3.6	2.7	3.7	2.4	2.7	2.6	2.6	-67.5	.
15-24	18.5	15.3	14.2	13.2	12.5	10.3	11.4	10.8	9.7	10.3	-44.3	6.2
25-44	21.6	20.3	18.9	16.0	15.7	13.8	12.2	12.8	13.1	13.0	-39.8	-0.8
45-64	32.5	29.4	27.2	25.8	24.4	22.0	19.4	18.1	17.6	16.1	-50.5	-8.5
65+	51.1	50.5	40.1	43.1	42.2	40.3	32.7	32.3	33.5	30.4	-40.5	-9.3
Asian/Pacific Islander	52.3	51.0	46.4	46.4	41.1	36.7	34.2	33.8	30.0	30.5	-41.7	1.7
0-4	15.0	12.9	8.9	12.9	8.5	6.1	7.2	5.5	5.3	6.6	-56.0	24.5
5-14	9.2	6.4	3.9	7.1	3.4	2.1	3.0	2.3	2.8	2.9	-68.5	3.6
15-24	32.5	34.1	31.1	33.2	24.5	22.0	17.9	17.6	16.2	18.6	-42.8	14.8
25-44	45.3	43.7	41.7	40.8	39.1	34.9	32.9	33.8	30.6	27.8	-38.6	-9.2
45-64	82.1	78.0	64.3	68.7	58.4	50.7	48.1	49.8	40.8	43.1	-47.5	5.6
65+	179.2	177.0	168.1	143.8	135.0	124.9	111.6	100.9	91.3	94.3	-47.4	3.3
American Indian/Alaska Native	10.4	8.3	6.7	8.6	12.5	8.9	7.8	7.7	3.3	3.2	-69.2	-3.0
0-4	.	.	.	.	.	.	.	.	.	.	.	.
5-14	.	.	.	.	.	.	.	.	.	.	.	.
15-24	.	.	.	.	.	.	.	.	.	.	.	.
25-44	16.7	15.3	.	.	10.8	9.2	7.7	7.8	.	.	.	.
45-64	12.8	12.3	11.9	13.6	17.5	18.9	12.1	15.5	.	.	.	.
65+	.	.	.	.	.	.	.	.	.	.	.	.

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

**Table 6. Tuberculosis Cases by Race/Ethnicity, Sex and Age Group: California, 2003**

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
<b>Total Cases</b>	<b>3,227</b>	<b>132</b>	<b>99</b>	<b>349</b>	<b>991</b>	<b>930</b>	<b>726</b>
White, Not Hispanic	332	3	5	23	72	120	109
Male	210	-	3	14	48	82	63
Female	122	3	2	9	24	38	46
Black, Not Hispanic	249	7	7	23	77	96	39
Male	138	2	2	9	41	64	20
Female	111	5	5	14	36	32	19
Hispanic	1,281	99	67	183	459	288	185
Male	795	49	35	112	290	198	111
Female	486	50	32	71	169	90	74
Asian/Pacific Islander	1,351	23	20	119	378	421	390
Male	727	10	11	52	175	240	239
Female	624	13	9	67	203	181	151
American Indian/Alaska Native	7	-	-	-	3	2	2
Male	4	-	-	-	1	2	1
Female	3	-	-	-	2	-	1
Race/Ethnicity Not Stated	7	-	-	1	2	3	1
Male	4	-	-	1	1	2	-
Female	3	-	-	-	1	1	1

- Indicates zero cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 7. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Sex and Age Group:  
California, 2003**

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
<b>Total Cases</b>	<b>8.9</b>	<b>4.6</b>	<b>1.7</b>	<b>7.0</b>	<b>9.4</b>	<b>11.4</b>	<b>18.6</b>
White, Not Hispanic	1.9	.	0.2	1.1	1.5	2.5	4.1
Male	2.4	.	.	1.2	1.9	3.4	5.5
Female	1.4	.	.	0.9	1.0	1.6	3.0
Black, Not Hispanic	10.4	3.8	1.7	6.1	10.8	18.9	20.3
Male	11.6	.	.	4.5	11.2	26.9	25.2
Female	9.2	5.5	2.5	7.8	10.3	11.8	16.8
Hispanic	11.0	7.2	2.6	10.3	13.0	16.1	30.4
Male	13.1	6.9	2.6	12.2	15.1	21.9	41.9
Female	8.6	7.4	2.5	8.3	10.5	10.2	21.5
Asian/Pacific Islander	30.5	6.6	2.9	18.6	27.8	43.1	94.3
Male	33.3	5.6	3.1	15.9	25.9	51.8	132.5
Female	27.7	7.6	2.7	21.5	29.7	35.2	64.7
American Indian/Alaska Native	3.2	.	.	.	.	.	.
Male	.	.	.	.	.	.	.
Female	.	.	.	.	.	.	.

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

Tuberculosis Control Branch, California Department of Health Services

**Table 8. Tuberculosis Cases in U.S.-born Persons by Race/Ethnicity, Sex and Age Group: California, 2003**

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
<b>Total Cases</b>	<b>771</b>	<b>97</b>	<b>57</b>	<b>73</b>	<b>175</b>	<b>228</b>	<b>141</b>
White, Not Hispanic	244	3	3	12	49	103	74
Male	165	-	1	9	37	71	47
Female	79	3	2	3	12	32	27
Black, Not Hispanic	193	6	6	5	56	87	33
Male	112	1	1	1	29	62	18
Female	81	5	5	4	27	25	15
Hispanic	275	75	42	42	58	32	26
Male	152	38	23	21	31	21	18
Female	123	37	19	21	27	11	8
Asian/Pacific Islander	52	13	6	13	10	4	6
Male	27	7	4	6	3	3	4
Female	25	6	2	7	7	1	2
American Indian/Alaska Native	6	-	-	-	2	2	2
Male	4	-	-	-	1	2	1
Female	2	-	-	-	1	-	1
Race/Ethnicity Not Stated	1	-	-	1	-	-	-
Male	1	-	-	1	-	-	-

- Indicates zero cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 9. Tuberculosis Cases in Foreign-born Persons by Race/Ethnicity, Sex and Age Group: California, 2003**

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
<b>Total Cases</b>	<b>2,431</b>	<b>35</b>	<b>42</b>	<b>276</b>	<b>807</b>	<b>697</b>	<b>574</b>
White, Not Hispanic	85	-	2	11	23	17	32
Male	42	-	2	5	11	11	13
Female	43	-	-	6	12	6	19
Black, Not Hispanic	56	1	1	18	21	9	6
Male	26	1	1	8	12	2	2
Female	30	-	-	10	9	7	4
Hispanic	995	24	25	141	396	254	155
Male	635	11	12	91	255	176	90
Female	360	13	13	50	141	78	65
Asian/Pacific Islander	1,293	10	14	106	365	417	381
Male	697	3	7	46	171	237	233
Female	596	7	7	60	194	180	148
American Indian/Alaska Native	1	-	-	-	1	-	-
Female	1	-	-	-	1	-	-
Race/Ethnicity Not Stated	1	-	-	-	1	-	-
Male	1	-	-	-	1	-	-

- Indicates zero cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 10. Tuberculosis Cases in Foreign-born Persons by Country of Origin and Time in the United States: California, 2003**

Country of Origin *	Total Foreign-born Cases	Time in United States												Unknown Time in U.S.	
		≤ 1 year		1-2 years		3-5 years		6-10 years		11-20 years		>20 years		No.	%
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
<b>Total</b>	<b>2,431</b>	<b>466</b>	<b>19.2</b>	<b>135</b>	<b>5.6</b>	<b>308</b>	<b>12.7</b>	<b>283</b>	<b>11.6</b>	<b>567</b>	<b>23.3</b>	<b>583</b>	<b>24.0</b>	<b>89</b>	<b>3.7</b>
Mexico	822	152	18.5	44	5.4	124	15.1	67	8.2	144	17.5	251	30.5	40	4.9
Philippines	474	129	27.2	24	5.1	37	7.8	62	13.1	121	25.5	85	17.9	16	3.4
Vietnam	287	51	17.8	8	2.8	22	7.7	39	13.6	105	36.6	59	20.6	3	1.0
China**	157	21	13.4	9	5.7	11	7.0	28	17.8	39	24.8	45	28.7	4	2.5
India	113	26	23.0	8	7.1	29	25.7	20	17.7	19	16.8	9	8.0	2	1.8
Korea, South	77	4	5.2	4	5.2	15	19.5	8	10.4	19	24.7	23	29.9	4	5.2
Guatemala	50	11	22.0	6	12.0	9	18.0	6	12.0	11	22.0	4	8.0	3	6.0
El Salvador	42	5	11.9	2	4.8	8	19.0	4	9.5	13	31.0	9	21.4	1	2.4
Kampuchea (Cambodia)	39	3	7.7	1	2.6	3	7.7	1	2.6	14	35.9	16	41.0	1	2.6
Laos	35	-	-	-	-	1	2.9	1	2.9	14	40.0	16	45.7	3	8.6
Honduras	25	6	24.0	-	-	6	24.0	6	24.0	5	20.0	2	8.0	-	-
Taiwan	24	3	12.5	1	4.2	2	8.3	-	-	8	33.3	10	41.7	-	-
Thailand	23	1	4.3	-	-	3	13.0	5	21.7	7	30.4	6	26.1	1	4.3
Indonesia	22	1	4.5	7	31.8	6	27.3	1	4.5	6	27.3	1	4.5	-	-
Peru	21	5	23.8	4	19.0	4	19.0	4	19.0	2	9.5	1	4.8	1	4.8
Ethiopia	19	8	42.1	3	15.8	3	15.8	4	21.1	1	5.3	-	-	-	-
Iran	13	2	15.4	-	-	1	7.7	1	7.7	4	30.8	3	23.1	2	15.4
Pakistan	11	-	-	-	-	-	-	6	54.5	3	27.3	1	9.1	1	9.1
Afghanistan	10	-	-	-	-	-	-	2	20.0	7	70.0	1	10.0	-	-
Ukraine	9	8	88.9	-	-	-	-	1	11.1	-	-	-	-	-	-
Burma	8	3	37.5	1	12.5	-	-	2	25.0	2	25.0	-	-	-	-
Armenia	6	1	16.7	1	16.7	1	16.7	-	-	2	33.3	1	16.7	-	-
Colombia	6	2	33.3	-	-	2	33.3	-	-	-	-	2	33.3	-	-
Ecuador	6	2	33.3	-	-	1	16.7	-	-	2	33.3	1	16.7	-	-
Japan	6	1	16.7	-	-	1	16.7	-	-	-	-	4	66.7	-	-
Somalia	6	1	16.7	1	16.7	1	16.7	3	50.0	-	-	-	-	-	-
American Samoa	5	-	-	-	-	1	20.0	-	-	-	-	3	60.0	1	20.0
Bolivia	5	-	-	-	-	-	-	2	40.0	1	20.0	1	20.0	1	20.0
Brazil	5	3	60.0	-	-	-	-	-	-	-	-	1	20.0	1	20.0
Fiji	5	1	20.0	-	-	1	20.0	1	20.0	1	20.0	1	20.0	-	-
South Africa	5	-	-	2	40.0	-	-	-	-	2	40.0	-	-	1	20.0
Other Countries	95	16	16.8	9	9.5	16	16.8	9	9.5	15	15.8	27	28.4	3	3.2

\* 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, 1997-2002**

	1997			1998			1999			2000			2001			2002		
	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.	%
<b>California</b>	<b>4,045</b>	<b>266</b>	<b>6.6</b>	<b>3,850</b>	<b>227</b>	<b>5.9</b>	<b>3,605</b>	<b>220</b>	<b>6.1</b>	<b>3,290</b>	<b>147</b>	<b>4.5</b>	<b>3,329</b>	<b>149</b>	<b>4.5</b>	<b>3,171</b>	<b>165</b>	<b>5.2</b>
Race/Ethnicity																		
White, Not Hispanic	521	52	10.0	511	37	7.2	450	41	9.1	384	24	6.3	368	25	6.8	315	19	6.0
Black, Not Hispanic	420	76	18.1	384	59	15.4	373	55	14.7	319	38	11.9	291	33	11.3	276	46	16.7
Hispanic	1,429	125	8.7	1,405	117	8.3	1,341	112	8.4	1,202	78	6.5	1,254	79	6.3	1,278	86	6.7
Asian/Pacific Islander	1,639	13	0.8	1,510	11	0.7	1,406	11	0.8	1,355	7	0.5	1,386	11	0.8	1,278	13	1.0
American Indian/Alaska Native	16	-	-	24	3	12.5	16	1	6.3	15	-	-	15	1	6.7	6	1	16.7
Unknown	20	-	-	16	-	-	19	-	-	15	-	-	15	-	-	18	-	-
Age Group																		
0-4	190	-	-	160	-	-	153	-	-	115	-	-	132	-	-	126	-	-
5-14	132	-	-	94	-	-	116	-	-	89	1	1.1	92	-	-	97	-	-
15-24	418	11	2.6	356	5	1.4	333	4	1.2	327	3	0.9	319	3	0.9	312	5	1.6
25-44	1,339	195	14.6	1,278	162	12.7	1,159	144	12.4	1,058	109	10.3	1,104	93	8.4	1,055	104	9.9
45-64	1,084	54	5.0	1,058	55	5.2	975	69	7.1	939	32	3.4	955	52	5.4	873	50	5.7
65+	882	6	0.7	904	5	0.6	869	3	0.3	762	2	0.3	727	1	0.1	708	6	0.8
Sex																		
Male	2,489	228	9.2	2,345	199	8.5	2,166	196	9.0	1,973	129	6.5	2,029	128	6.3	1,888	130	6.9
Female	1,556	38	2.4	1,505	28	1.9	1,439	24	1.7	1,317	18	1.4	1,300	21	1.6	1,283	35	2.7
Place of Birth																		
Foreign-born	2,807	125	4.5	2,697	103	3.8	2,519	112	4.4	2,376	73	3.1	2,489	82	3.3	2,394	97	4.1
U.S.-born	1,222	140	11.5	1,135	123	10.8	1,058	108	10.2	899	73	8.1	822	67	8.2	758	67	8.8
Unknown	16	1	6.3	18	1	5.6	28	-	-	15	1	6.7	18	-	-	19	1	5.3
Homeless																		
No	3,652	206	5.6	3,540	178	5.0	3,320	175	5.3	3,028	110	3.6	3,066	116	3.8	2,931	127	4.3
Yes	299	46	15.4	237	41	17.3	235	43	18.3	225	33	14.7	231	33	14.3	204	38	18.6
Unknown	94	14	14.9	73	8	11.0	50	2	4.0	37	4	10.8	32	-	-	36	-	-
Alcohol Use																		
No	3,260	158	4.8	3,126	154	4.9	3,015	138	4.6	2,780	99	3.6	2,838	117	4.1	2,735	125	4.6
Yes	452	52	11.5	431	47	10.9	421	62	14.7	365	35	9.6	371	26	7.0	323	35	10.8
Unknown	333	56	16.8	293	26	8.9	169	20	11.8	145	13	9.0	120	6	5.0	113	5	4.4
Injecting Drug Use																		
No	3,586	172	4.8	3,469	170	4.9	3,348	175	5.2	3,051	114	3.7	3,122	118	3.8	2,993	141	4.7
Yes	134	44	32.8	114	33	28.9	93	24	25.8	90	18	20.0	86	24	27.9	72	21	29.2
Unknown	325	50	15.4	267	24	9.0	164	21	12.8	149	15	10.1	121	7	5.8	106	3	2.8
Non-injecting Drug Use																		
No	3,429	158	4.6	3,303	138	4.2	3,197	143	4.5	2,909	93	3.2	2,994	108	3.6	2,893	128	4.4
Yes	270	59	21.9	266	60	22.6	230	58	25.2	227	38	16.7	209	33	15.8	168	33	19.6
Unknown	346	49	14.2	281	29	10.3	178	19	10.7	154	16	10.4	126	8	6.3	110	4	3.6
Diagnosed in Correctional Facility																		
No	3,894	239	6.1	3,704	211	5.7	3,479	205	5.9	3,173	139	4.4	3,205	140	4.4	3,084	164	5.3
Yes	145	24	16.6	136	15	11.0	118	14	11.9	113	7	6.2	115	9	7.8	71	1	1.4
Unknown	6	3	50.0	10	1	10.0	8	1	12.5	4	1	25.0	9	-	-	16	-	-

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

- Indicates zero cases or zero percent.



**Table 12. Tuberculosis Cases, Rate per 100,000 Population and Rank\* According to Rate: Reporting Jurisdictions in California, 2002-2003**

Reporting Jurisdiction	2002			2003		
	Rank	Cases	Rate	Rank	Cases	Rate
San Francisco	1	146	18.4	1	162	20.4
Imperial	2	29	17.3	2	25	14.3
Long Beach	5	59	12.6	3	65	13.6
Fresno	6	98	11.7	4	115	13.5
Monterey	24	24	5.8	5	54	12.7
Alameda	3	199	14.2	6	175	12.3
Santa Clara	4	254	13.9	7	226	12.2
Sacramento	15	104	8.3	8	153	11.9
San Joaquin	13	52	8.6	9	69	11.1
San Diego	8	326	10.6	10	316	10.1
Los Angeles	7	1,025	10.9	11	950	10.0
Madera	11	12	8.8	11	14	10.0
Ventura	14	66	8.5	13	74	9.5
<b>California</b>					<b>3,227</b>	<b>8.9</b>
Santa Barbara	31	18	4.3	14	37	8.6
Contra Costa	21	68	7.1	15	82	8.5
Orange	19	230	7.9	16	248	8.4
Pasadena	17	12	8.0	17	12	7.8
Solano	23	26	6.2	18	30	7.1
Merced	21	16	7.1	19	16	7.0
Yolo	37	4	.	20	12	6.9
San Mateo	12	67	8.7	21	52	6.7
Marin	26	12	4.8	21	17	6.7
Kern	17	57	8.0	23	47	6.4
Mendocino	20	7	7.5	24	6	6.3
Sutter	16	7	8.1	25	5	5.7
<b>United States</b>						<b>5.1</b>
Napa	25	7	5.3	26	6	4.5
Berkeley	9	11	9.9	26	5	4.5
Placer	37	3	.	28	12	4.4
Riverside	32	68	4.0	29	75	4.3
Shasta	37	4	.	29	8	4.3
Tulare	26	19	4.8	31	16	3.9
San Bernardino	33	63	3.5	32	67	3.6
<b>Year 2000 National Objective</b>						<b>3.5</b>
Stanislaus	29	22	4.5	33	17	3.4
Santa Cruz	35	6	2.2	34	9	3.3
Sonoma	34	16	3.3	35	15	3.1
San Luis Obispo	35	6	2.2	36	8	2.9
Butte	37	1	.	37	6	2.7
Glenn	44	-	.	38	3	.
Kings	29	6	4.5	38	3	.
Tehama	44	-	.	38	3	.
Yuba	10	6	9.1	38	3	.
Humboldt	28	6	4.6	38	2	.
San Benito	37	3	.	38	2	.
Colusa	44	-	.	38	1	.
Del Norte	44	-	.	38	1	.
Inyo	37	1	.	38	1	.
Lake	44	-	.	38	1	.
Nevada	44	-	.	38	1	.
Alpine	44	-	.	49	-	.
Amador	44	-	.	49	-	.
Calaveras	44	-	.	49	-	.
El Dorado	37	3	.	49	-	.
Lassen	44	-	.	49	-	.
Mariposa	44	-	.	49	-	.
Modoc	44	-	.	49	-	.
Mono	44	-	.	49	-	.
Plumas	44	-	.	49	-	.
Sierra	44	-	.	49	-	.
Siskiyou	44	-	.	49	-	.
Trinity	44	-	.	49	-	.
Tuolumne	44	-	.	49	-	.

\* 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.

**Table 13. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 1994-2003**

Reporting Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent Change	
											1994-2003	2002-2003
<b>California</b>	<b>4,860</b>	<b>4,675</b>	<b>4,313</b>	<b>4,059</b>	<b>3,855</b>	<b>3,608</b>	<b>3,297</b>	<b>3,332</b>	<b>3,169</b>	<b>3,227</b>	<b>-33.6</b>	<b>1.8</b>
Alameda	204	239	234	193	223	224	242	196	199	175	-14.2	-12.1
Alpine	-	-	-	-	-	-	-	-	-	-	.	.
Amador	-	-	2	-	1	1	-	-	-	-	.	.
Berkeley	8	14	13	20	7	17	4	12	11	5	-37.5	-54.5
Butte	7	6	4	13	4	4	4	5	1	6	-14.3	.
Calaveras	-	-	-	-	1	-	-	1	-	-	.	.
Colusa	-	1	-	3	-	-	1	2	-	1	.	.
Contra Costa	99	103	119	107	102	97	78	105	68	82	-17.2	20.6
Del Norte	3	1	-	-	1	-	1	-	-	1	.	.
El Dorado	1	4	3	3	3	1	4	5	3	-	.	.
Fresno	77	72	69	92	114	101	91	98	98	115	49.4	17.3
Glenn	-	-	2	1	-	-	1	-	-	3	.	.
Humboldt	3	10	7	8	15	8	6	7	6	2	.	.
Imperial	38	38	40	39	39	38	26	25	29	25	-34.2	-13.8
Inyo	-	-	-	-	-	-	1	-	1	1	.	.
Kern	111	80	71	63	48	62	49	49	57	47	-57.7	-17.5
Kings	15	18	31	14	18	11	7	11	6	3	.	.
Lake	1	3	6	3	2	2	2	2	-	1	.	.
Lassen	-	1	2	-	-	1	1	-	-	-	.	.
Long Beach	103	91	97	100	57	88	63	50	59	65	-36.9	10.2
Los Angeles	1,794	1,627	1,375	1,346	1,299	1,170	1,066	1,046	1,025	950	-47.0	-7.3
Madera	16	11	10	10	7	9	14	11	12	14	-12.5	16.7
Marin	17	22	16	12	20	10	11	15	12	17	.	41.7
Mariposa	-	-	-	-	-	-	2	-	-	-	.	.
Mendocino	7	2	-	2	4	1	4	2	7	6	-14.3	-14.3
Merced	20	18	19	10	8	11	10	15	16	16	-20.0	.
Modoc	1	-	-	-	-	-	2	-	-	-	.	.
Mono	-	-	-	-	-	-	-	-	-	-	.	.
Monterey	42	53	36	45	48	47	35	39	24	54	28.6	125.0
Napa	1	7	11	3	5	3	3	2	7	6	.	-14.3
Nevada	-	-	-	-	1	2	1	1	-	1	.	.
Orange	366	336	273	330	298	246	246	278	230	248	-32.2	7.8
Pasadena	15	28	24	11	19	8	13	17	12	12	-20.0	.
Placer	7	7	3	4	5	3	1	3	3	12	71.4	.
Plumas	-	3	1	1	-	-	1	-	-	-	.	.
Riverside	106	95	99	67	74	79	71	66	68	75	-29.2	10.3
Sacramento	130	125	147	145	112	97	120	130	104	153	17.7	47.1
San Benito	3	3	1	3	3	5	2	6	3	2	.	.
San Bernardino	135	128	130	130	101	113	104	83	63	67	-50.4	6.3
San Diego	421	438	385	334	339	296	295	332	326	316	-24.9	-3.1
San Francisco	280	270	262	242	207	235	170	182	146	162	-42.1	11.0
San Joaquin	95	77	73	64	65	74	72	51	52	69	-27.4	32.7
San Luis Obispo	27	14	11	9	16	6	9	11	6	8	-70.4	33.3
San Mateo	75	86	92	85	80	62	46	78	67	52	-30.7	-22.4
Santa Barbara	75	63	69	36	32	26	22	26	18	37	-50.7	105.6
Santa Clara	288	286	297	258	251	244	235	215	254	226	-21.5	-11.0
Santa Cruz	30	26	18	15	12	14	4	7	6	9	-70.0	50.0
Shasta	2	5	3	10	4	5	5	4	4	8	.	.
Sierra	-	-	-	-	-	-	-	-	-	-	.	.
Siskiyou	-	2	-	-	2	1	1	-	-	-	.	.
Solano	38	65	59	45	50	32	27	35	26	30	-21.1	15.4
Sonoma	29	19	24	12	16	18	16	9	16	15	-48.3	-6.3
Stanislaus	21	34	31	35	25	33	18	18	22	17	-19.0	-22.7
Sutter	8	12	9	6	9	6	4	5	7	5	-37.5	-28.6
Tehama	1	-	8	4	1	2	2	1	-	3	.	.
Trinity	-	2	1	-	-	-	-	-	-	-	.	.
Tulare	50	41	36	24	27	22	17	15	19	16	-68.0	-15.8
Tuolumne	2	-	-	1	8	-	2	1	-	-	.	.
Ventura	63	73	70	79	57	62	44	52	66	74	17.5	12.1
Yolo	18	10	14	15	8	9	9	5	4	12	-33.3	.
Yuba	7	6	6	7	7	2	12	3	6	3	.	.

- Indicates zero cases.

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

**Table 14. Tuberculosis Case Rate per 100,000 Population: Reporting Jurisdictions in California, 1994-2003**

Reporting Jurisdiction	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	Percent Change	
											1994-2003	2002-2003
<b>California</b>	<b>15.3</b>	<b>14.6</b>	<b>13.3</b>	<b>12.3</b>	<b>11.5</b>	<b>10.6</b>	<b>9.5</b>	<b>9.5</b>	<b>8.9</b>	<b>8.9</b>	<b>-41.8</b>	<b>.</b>
Alameda	16.5	19.2	18.6	14.9	16.9	16.7	17.8	14.2	14.2	12.3	-25.5	-13.4
Alpine	.	.	.	.	.	.	.	.	.	.	.	.
Amador	.	.	.	.	.	.	.	.	.	.	.	.
Berkeley	7.7	13.4	12.4	18.8	6.5	15.6	.	10.9	9.9	4.5	-41.6	-54.5
Butte	3.6	3.1	.	6.5	.	.	.	2.3	.	2.7	-25.0	.
Calaveras	.	.	.	.	.	.	.	.	.	.	.	.
Colusa	.	.	.	.	.	.	.	.	.	.	.	.
Contra Costa	11.5	11.9	13.6	11.9	11.1	10.4	8.4	11.1	7.1	8.5	-26.1	19.7
Del Norte	.	.	.	.	.	.	.	.	.	.	.	.
El Dorado	.	.	.	.	.	.	.	3.0	.	.	.	.
Fresno	10.4	9.5	9.0	11.8	14.5	12.7	11.2	11.9	11.7	13.5	29.8	15.4
Glenn	.	.	.	.	.	.	.	.	.	.	.	.
Humboldt	.	8.0	5.6	6.3	11.9	6.3	4.7	5.4	4.6	.	.	.
Imperial	28.4	27.7	28.3	27.3	27.2	26.1	16.8	15.5	17.3	14.3	-49.6	-17.3
Inyo	.	.	.	.	.	.	.	.	.	.	.	.
Kern	18.2	13.0	11.4	9.9	7.5	9.5	7.2	7.1	8.0	6.4	-64.8	-20.0
Kings	13.3	15.7	26.8	11.9	14.5	8.6	5.5	8.5	4.5	.	.	.
Lake	.	.	10.9	.	.	.	.	.	.	.	.	.
Lassen	.	.	.	.	.	.	.	.	.	.	.	.
Long Beach	23.5	20.8	22.2	22.7	12.8	19.4	13.8	10.8	12.6	13.6	-42.1	7.9
Los Angeles	20.5	18.5	15.6	15.0	14.3	12.7	11.5	11.2	10.9	10.0	-51.2	-8.3
Madera	15.3	10.3	9.1	8.8	6.1	7.7	11.1	8.4	8.8	10.0	-34.6	13.6
Marin	7.2	9.2	6.7	4.9	8.2	4.1	4.4	6.0	4.8	6.7	-6.9	39.6
Mariposa	.	.	.	.	.	.	.	.	.	.	.	.
Mendocino	8.4	.	.	.	.	.	.	.	7.5	6.3	-25.0	-16.0
Merced	10.1	9.1	9.6	5.0	3.9	5.3	4.6	6.8	7.1	7.0	-30.7	-1.4
Modoc	.	.	.	.	.	.	.	.	.	.	.	.
Mono	.	.	.	.	.	.	.	.	.	.	.	.
Monterey	11.6	14.6	10.0	11.9	12.5	12.0	8.7	9.5	5.8	12.7	9.5	119.0
Napa	.	5.9	9.2	.	4.1	.	.	.	5.3	4.5	.	-15.1
Nevada	.	.	.	.	.	.	.	.	.	.	.	.
Orange	14.2	12.8	10.3	12.2	10.8	8.7	8.7	9.7	7.9	8.4	-40.8	6.3
Pasadena	11.1	20.5	17.5	7.9	13.5	5.6	9.0	11.7	8.0	7.8	-29.7	-2.5
Placer	3.6	3.4	.	.	2.2	.	.	.	.	4.4	22.2	.
Plumas	.	.	.	.	.	.	.	.	.	.	.	.
Riverside	7.9	6.9	7.1	4.7	5.1	5.3	4.5	4.1	4.0	4.3	-45.6	7.5
Sacramento	11.7	11.2	13.0	12.6	9.6	8.1	9.9	10.5	8.3	11.9	1.7	43.4
San Benito	.	.	.	.	.	10.1	.	11.2	.	.	.	.
San Bernardino	8.6	8.1	8.2	8.0	6.1	6.7	6.0	4.7	3.5	3.6	-58.1	2.9
San Diego	15.9	16.4	14.3	12.1	12.0	10.3	10.0	11.0	10.6	10.1	-36.5	-4.7
San Francisco	37.2	35.9	34.1	31.1	26.2	29.5	21.5	22.9	18.4	20.4	-45.2	10.9
San Joaquin	18.4	14.7	13.7	11.8	11.8	13.2	12.4	8.6	8.6	11.1	-39.7	29.1
San Luis Obispo	11.9	6.1	4.8	3.8	6.7	2.5	3.5	4.2	2.2	2.9	-75.6	31.8
San Mateo	11.0	12.5	13.2	11.9	11.1	8.5	6.2	10.3	8.7	6.7	-39.1	-23.0
Santa Barbara	19.4	16.1	17.5	9.0	7.9	6.4	5.3	6.2	4.3	8.6	-55.7	100.0
Santa Clara	18.1	17.8	18.1	15.4	14.8	14.2	13.3	12.0	13.9	12.2	-32.6	-12.2
Santa Cruz	12.6	10.8	7.4	6.1	4.8	5.5	.	2.6	2.2	3.3	-73.8	50.0
Shasta	.	3.1	.	6.1	.	3.0	2.8	.	.	4.3	.	.
Sierra	.	.	.	.	.	.	.	.	.	.	.	.
Siskiyou	.	.	.	.	.	.	.	.	.	.	.	.
Solano	10.3	17.5	15.8	11.9	13.0	8.1	6.8	8.6	6.2	7.1	-31.1	14.5
Sonoma	7.0	4.5	5.7	2.8	3.6	4.0	3.5	1.9	3.3	3.1	-55.7	-6.1
Stanislaus	5.1	8.2	7.4	8.2	5.8	7.5	3.9	3.8	4.5	3.4	-33.3	-24.4
Sutter	11.0	16.3	12.1	7.9	11.7	7.7	.	6.0	8.1	5.7	-48.2	-29.6
Tehama	.	.	14.7	.	.	.	.	.	.	.	.	.
Trinity	.	.	.	.	.	.	.	.	.	.	.	.
Tulare	14.6	11.7	10.2	6.7	7.5	6.0	4.5	3.9	4.8	3.9	-73.3	-18.8
Tuolumne	.	.	.	.	15.2	.	.	.	.	.	.	.
Ventura	8.9	10.2	9.8	10.9	7.7	8.2	5.8	6.8	8.5	9.5	6.7	11.8
Yolo	12.2	6.6	9.2	9.7	5.1	5.7	5.5	3.0	.	6.9	-43.4	.
Yuba	11.3	9.6	9.9	11.4	11.6	.	18.8	.	9.1	.	.	.

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

**Table 15. Tuberculosis Cases by Age Group: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	All Cases	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
<b>California</b>	<b>3,227</b>	<b>132</b>	<b>99</b>	<b>349</b>	<b>991</b>	<b>930</b>	<b>726</b>
Alameda	175	3	5	15	56	59	37
Berkeley	5	-	-	-	3	2	-
Butte	6	-	-	2	1	2	1
Contra Costa	82	5	3	12	23	21	18
Fresno	115	27	19	11	15	24	19
Imperial	25	-	1	2	8	9	5
Kern	47	2	2	6	10	15	12
Long Beach	65	4	3	6	16	23	13
Los Angeles	950	21	17	104	304	268	236
Madera	14	1	-	6	5	-	2
Marin	17	-	-	2	9	5	1
Mendocino	6	-	-	3	1	1	1
Merced	16	-	1	1	5	6	3
Monterey	54	7	2	6	21	9	9
Napa	6	-	-	-	3	3	-
Orange	248	6	2	27	78	84	51
Pasadena	12	-	-	2	5	2	3
Placer	12	-	-	-	6	3	3
Riverside	75	4	-	7	23	23	18
Sacramento	153	3	6	9	43	51	41
San Bernardino	67	1	3	7	17	25	14
San Diego	316	15	11	45	105	97	43
San Francisco	162	2	2	16	42	40	60
San Joaquin	69	2	4	8	20	22	13
San Luis Obispo	8	1	2	-	1	2	2
San Mateo	52	4	-	5	15	13	15
Santa Barbara	37	4	1	3	11	7	11
Santa Clara	226	7	3	21	84	63	48
Santa Cruz	9	-	1	1	4	2	1
Shasta	8	-	-	-	5	2	1
Solano	30	3	4	1	8	5	9
Sonoma	15	-	1	3	7	3	1
Stanislaus	17	-	-	4	1	6	6
Sutter	5	-	-	-	2	-	3
Tulare	16	1	2	2	2	7	2
Ventura	74	7	4	5	21	21	16
Yolo	12	1	-	3	3	1	4
All Other Jurisdictions*	21	1	-	4	8	4	4

- Indicates zero cases.

\*Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 16. Tuberculosis Cases in Persons 0-4 Years of Age: Reporting Jurisdictions in California, 1995-2003**

Reporting Jurisdiction	1995		1996		1997		1998		1999		2000		2001		2002		2003	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>California</b>	<b>243</b>	<b>5.2</b>	<b>221</b>	<b>5.2</b>	<b>190</b>	<b>4.7</b>	<b>160</b>	<b>4.2</b>	<b>153</b>	<b>4.2</b>	<b>115</b>	<b>3.5</b>	<b>132</b>	<b>4.0</b>	<b>126</b>	<b>4.0</b>	<b>132</b>	<b>4.1</b>
Alameda	11	4.6	10	4.3	13	6.8	11	4.9	8	3.6	5	2.1	3	1.5	13	6.5	3	1.7
Contra Costa	4	3.9	11	9.4	5	4.8	7	6.9	8	8.2	2	2.6	5	4.8	1	1.4	5	6.1
Fresno	2	2.8	2	2.9	7	7.6	10	8.7	5	5.0	7	7.7	11	11.3	25	25.3	27	23.5
Imperial	5	13.2	4	10.0	1	2.6	5	12.8	11	28.9	-	-	-	-	1	3.4	-	-
Kern	8	10.3	6	8.5	4	6.3	2	4.2	3	4.8	5	10.2	1	1.9	1	1.7	2	4.3
Long Beach	6	6.6	9	9.2	8	8.1	1	1.8	8	9.1	5	7.9	1	2.0	9	15.3	4	6.2
Los Angeles	79	4.9	59	4.3	53	3.9	43	3.3	38	3.3	36	3.4	31	3.0	20	2.0	21	2.2
Madera	1	9.1	1	10.0	2	20.0	1	16.7	-	-	-	-	2	18.2	-	-	1	7.1
Marin	1	4.5	1	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	2	11.1	-	-	-	-	1	12.5	-	-	-	-	2	13.3	1	5.9	-	-
Monterey	12	22.6	7	19.4	8	17.8	5	10.4	5	10.4	4	10.3	3	7.9	-	-	7	13.0
Orange	14	4.2	7	2.6	11	3.3	7	2.3	5	2.0	10	4.1	13	4.7	9	3.9	6	2.4
Pasadena	3	11.1	1	4.2	2	18.2	-	-	-	-	1	7.7	-	-	-	-	-	-
Riverside	6	6.3	7	7.1	2	3.0	1	1.4	5	6.3	2	2.8	-	-	5	7.4	4	5.3
Sacramento	5	3.7	9	6.1	8	5.7	4	3.6	-	-	3	2.5	4	3.1	8	7.7	3	2.0
San Bernardino	17	13.8	16	12.5	13	10.2	7	7.0	5	4.4	3	2.9	8	9.6	1	1.6	1	1.5
San Diego	21	4.8	19	4.9	13	3.9	21	6.1	18	6.0	13	4.4	18	5.4	10	3.1	15	4.7
San Francisco	1	0.4	4	1.5	6	2.5	3	1.4	5	2.1	2	1.2	4	2.2	3	2.1	2	1.2
San Joaquin	5	6.5	2	2.8	5	7.8	3	4.6	3	4.1	3	4.2	1	2.0	-	-	2	2.9
San Luis Obispo	1	7.1	-	-	-	-	1	6.3	-	-	1	11.1	1	9.1	-	-	1	12.5
San Mateo	3	3.5	5	5.4	3	3.5	2	2.5	2	3.2	2	4.3	3	3.9	4	6.0	4	7.7
Santa Barbara	7	11.1	10	14.5	2	5.4	3	10.0	-	-	-	-	2	7.7	2	11.8	4	10.8
Santa Clara	4	1.4	8	2.7	10	3.9	4	1.6	7	2.9	4	1.7	9	4.2	4	1.6	7	3.1
Solano	3	4.6	3	5.8	4	8.9	2	3.9	4	12.5	2	7.4	4	11.4	2	7.7	3	10.0
Sonoma	1	5.3	3	12.5	-	-	1	6.3	1	5.6	1	6.3	-	-	1	5.9	-	-
Stanislaus	2	6.9	-	-	-	-	1	4.0	1	3.0	-	-	-	-	-	-	-	-
Tulare	4	9.8	1	2.8	1	4.2	3	11.1	-	-	-	-	1	6.7	2	10.5	1	6.3
Ventura	5	6.8	9	12.9	3	3.8	4	7.0	5	8.1	1	2.3	1	1.9	2	3.0	7	9.5
All Other Jurisdictions*	10	7.1	7	4.8	6	4.4	7	5.8	6	6.2	3	3.4	4	4.7	2	2.7	2	2.2

-Indicates zero cases or zero percent.

\*Reporting jurisdictions with fewer than 5 total cases in any year.

**Table 17. Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2003**

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
<b>California</b>	<b>3,227</b>	<b>332</b>	<b>248</b>	<b>1,281</b>	<b>1,321</b>	<b>7</b>	<b>26</b>	<b>5</b>	<b>7</b>
Alameda	175	6	29	23	117	-	-	-	-
Berkeley	5	1	-	1	3	-	-	-	-
Butte	6	3	-	3	-	-	-	-	-
Contra Costa	82	17	21	19	24	-	-	-	1
Fresno	115	7	8	71	28	1	-	-	-
Imperial	25	-	-	25	-	-	-	-	-
Kern	47	7	3	26	8	-	1	2	-
Long Beach	65	1	6	28	28	-	2	-	-
Los Angeles	950	76	90	436	345	1	1	1	-
Madera	14	-	1	12	1	-	-	-	-
Marin	17	4	4	4	5	-	-	-	-
Mendocino	6	1	-	3	2	-	-	-	-
Merced	16	1	3	8	4	-	-	-	-
Monterey	54	5	1	34	14	-	-	-	-
Napa	6	2	-	3	1	-	-	-	-
Orange	248	26	2	74	144	-	2	-	-
Pasadena	12	-	2	7	3	-	-	-	-
Placer	12	5	-	4	2	-	1	-	-
Riverside	75	11	3	47	12	1	1	-	-
Sacramento	153	32	10	22	84	-	4	-	1
San Bernardino	67	9	7	28	20	1	-	2	-
San Diego	316	41	24	159	89	-	2	-	1
San Francisco	162	15	13	25	107	1	1	-	-
San Joaquin	69	9	4	32	24	-	-	-	-
San Luis Obispo	8	1	-	7	-	-	-	-	-
San Mateo	52	4	2	19	23	-	4	-	-
Santa Barbara	37	5	1	23	7	1	-	-	-
Santa Clara	226	8	8	44	162	-	3	-	1
Santa Cruz	9	3	-	4	2	-	-	-	-
Shasta	8	5	-	-	2	1	-	-	-
Solano	30	3	3	2	18	-	3	-	1
Sonoma	15	2	2	9	1	-	-	-	1
Stanislaus	17	6	-	6	5	-	-	-	-
Sutter	5	1	-	1	3	-	-	-	-
Tulare	16	2	-	11	2	-	-	-	1
Ventura	74	5	-	46	22	-	1	-	-
Yolo	12	3	1	5	3	-	-	-	-
All Other Jurisdictions**	21	5	-	10	6	-	-	-	-

\*Two or more races reported.

-Indicates zero cases.

\*\*Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 18. Tuberculosis Cases by U.S.-born and Foreign-born Persons: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	All Cases	U.S.-born		Foreign-born		Unknown	
		No.	%	No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>771</b>	<b>23.9</b>	<b>2,431</b>	<b>75.3</b>	<b>25</b>	<b>0.8</b>
Alameda	175	41	23.4	133	76.0	1	0.6
Berkeley	5	1	20.0	4	80.0	-	-
Butte	6	5	83.3	1	16.7	-	-
Contra Costa	82	34	41.5	48	58.5	-	-
Fresno	115	38	33.0	76	66.1	1	0.9
Imperial	25	5	20.0	20	80.0	-	-
Kern	47	22	46.8	25	53.2	-	-
Long Beach	65	11	16.9	54	83.1	-	-
Los Angeles	950	193	20.3	749	78.8	8	0.8
Madera	14	4	28.6	10	71.4	-	-
Marin	17	7	41.2	10	58.8	-	-
Mendocino	6	1	16.7	5	83.3	-	-
Merced	16	4	25.0	12	75.0	-	-
Monterey	54	17	31.5	37	68.5	-	-
Napa	6	2	33.3	4	66.7	-	-
Orange	248	37	14.9	210	84.7	1	0.4
Pasadena	12	2	16.7	10	83.3	-	-
Placer	12	6	50.0	6	50.0	-	-
Riverside	75	18	24.0	56	74.7	1	1.3
Sacramento	153	37	24.2	111	72.5	5	3.3
San Bernardino	67	23	34.3	43	64.2	1	1.5
San Diego	316	104	32.9	209	66.1	3	0.9
San Francisco	162	32	19.8	130	80.2	-	-
San Joaquin	69	22	31.9	47	68.1	-	-
San Luis Obispo	8	4	50.0	4	50.0	-	-
San Mateo	52	9	17.3	43	82.7	-	-
Santa Barbara	37	16	43.2	21	56.8	-	-
Santa Clara	226	15	6.6	209	92.5	2	0.9
Santa Cruz	9	4	44.4	5	55.6	-	-
Shasta	8	6	75.0	2	25.0	-	-
Solano	30	7	23.3	23	76.7	-	-
Sonoma	15	4	26.7	10	66.7	1	6.7
Stanislaus	17	4	23.5	13	76.5	-	-
Sutter	5	-	-	5	100.0	-	-
Tulare	16	9	56.3	6	37.5	1	6.3
Ventura	74	16	21.6	58	78.4	-	-
Yolo	12	3	25.0	9	75.0	-	-
All Other Jurisdictions*	21	8	38.1	13	61.9	-	-

-Indicates zero cases or zero percent.

\*Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 19. Tuberculosis Cases in Foreign-born Persons by Time in the United States: Reporting Jurisdictions in California, 2003**

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.	%
<b>California</b>	<b>2,431</b>	<b>466</b>	<b>19.2</b>	<b>135</b>	<b>5.6</b>	<b>308</b>	<b>12.7</b>	<b>283</b>	<b>11.6</b>	<b>567</b>	<b>23.3</b>	<b>583</b>	<b>24.0</b>	<b>89</b>	<b>3.7</b>
Alameda	133	30	22.6	9	6.8	18	13.5	17	12.8	27	20.3	29	21.8	3	2.3
Berkeley	4	-	-	1	25.0	1	25.0	-	-	1	25.0	1	25.0	-	-
Butte	1	-	-	-	-	-	-	-	-	-	-	1	100.0	-	-
Contra Costa	48	11	22.9	4	8.3	4	8.3	13	27.1	4	8.3	10	20.8	2	4.2
Fresno	76	20	26.3	7	9.2	9	11.8	3	3.9	13	17.1	20	26.3	4	5.3
Imperial	20	1	5.0	1	5.0	3	15.0	-	-	3	15.0	12	60.0	-	-
Kern	25	6	24.0	1	4.0	4	16.0	2	8.0	3	12.0	9	36.0	-	-
Long Beach	54	10	18.5	2	3.7	5	9.3	2	3.7	12	22.2	10	18.5	13	24.1
Los Angeles	749	137	18.3	39	5.2	102	13.6	82	10.9	174	23.2	186	24.8	29	3.9
Madera	10	2	20.0	1	10.0	3	30.0	2	20.0	2	20.0	-	-	-	-
Marin	10	6	60.0	1	10.0	-	-	1	10.0	1	10.0	1	10.0	-	-
Mendocino	5	2	40.0	-	-	2	40.0	-	-	1	20.0	-	-	-	-
Merced	12	2	16.7	-	-	-	-	1	8.3	2	16.7	6	50.0	1	8.3
Monterey	37	5	13.5	4	10.8	6	16.2	1	2.7	8	21.6	10	27.0	3	8.1
Napa	4	-	-	-	-	1	25.0	-	-	1	25.0	2	50.0	-	-
Orange	210	30	14.3	15	7.1	28	13.3	23	11.0	62	29.5	47	22.4	5	2.4
Pasadena	10	1	10.0	2	20.0	-	-	-	-	3	30.0	4	40.0	-	-
Placer	6	-	-	-	-	1	16.7	1	16.7	2	33.3	1	16.7	1	16.7
Riverside	56	8	14.3	4	7.1	6	10.7	8	14.3	12	21.4	12	21.4	6	10.7
Sacramento	111	38	34.2	6	5.4	6	5.4	10	9.0	25	22.5	18	16.2	8	7.2
San Bernardino	43	8	18.6	2	4.7	4	9.3	6	14.0	6	14.0	13	30.2	4	9.3
San Diego	209	37	17.7	10	4.8	26	12.4	26	12.4	50	23.9	59	28.2	1	0.5
San Francisco	130	18	13.8	6	4.6	13	10.0	25	19.2	40	30.8	28	21.5	-	-
San Joaquin	47	9	19.1	3	6.4	5	10.6	7	14.9	10	21.3	13	27.7	-	-
San Luis Obispo	4	2	50.0	-	-	-	-	-	-	1	25.0	1	25.0	-	-
San Mateo	43	12	27.9	1	2.3	6	14.0	5	11.6	10	23.3	9	20.9	-	-
Santa Barbara	21	3	14.3	2	9.5	1	4.8	2	9.5	4	19.0	9	42.9	-	-
Santa Clara	209	40	19.1	10	4.8	32	15.3	30	14.4	64	30.6	30	14.4	3	1.4
Santa Cruz	5	-	-	-	-	1	20.0	2	40.0	-	-	2	40.0	-	-
Shasta	2	-	-	-	-	-	-	1	50.0	-	-	1	50.0	-	-
Solano	23	7	30.4	1	4.3	2	8.7	4	17.4	4	17.4	5	21.7	-	-
Sonoma	10	1	10.0	-	-	4	40.0	-	-	-	-	-	-	5	50.0
Stanislaus	13	3	23.1	2	15.4	3	23.1	1	7.7	-	-	4	30.8	-	-
Sutter	5	1	20.0	-	-	-	-	1	20.0	-	-	2	40.0	1	20.0
Tulare	6	-	-	-	-	-	-	1	16.7	-	-	5	83.3	-	-
Ventura	58	14	24.1	-	-	7	12.1	3	5.2	13	22.4	21	36.2	-	-
Yolo	9	2	22.2	-	-	2	22.2	1	11.1	3	33.3	1	11.1	-	-
All Other Jurisdictions*	13	-	-	1	7.7	3	23.1	2	15.4	6	46.2	1	7.7	-	-

-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, 2003**

Reporting Jurisdiction	Total Cases*	Pulmonary**		Extrapulmonary***		Both Pulmonary and Extrapulmonary Disease	
		No.	%	No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>2,268</b>	<b>70.3</b>	<b>704</b>	<b>21.8</b>	<b>252</b>	<b>7.8</b>
Alameda	175	115	65.7	48	27.4	12	6.9
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	5	2	40.0	2	40.0	1	20.0
Butte	6	3	50.0	3	50.0	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	1	1	100.0	-	-	-	-
Contra Costa	82	53	64.6	21	25.6	8	9.8
Del Norte	1	1	100.0	-	-	-	-
El Dorado	-	-	-	-	-	-	-
Fresno	115	83	72.2	19	16.5	13	11.3
Glenn	3	1	33.3	2	66.7	-	-
Humboldt	2	-	-	2	100.0	-	-
Imperial	25	21	84.0	4	16.0	-	-
Inyo	1	1	100.0	-	-	-	-
Kern	47	32	68.1	6	12.8	9	19.1
Kings	3	2	66.7	-	-	1	33.3
Lake	1	1	100.0	-	-	-	-
Lassen	-	-	-	-	-	-	-
Long Beach	65	51	78.5	12	18.5	2	3.1
Los Angeles	950	682	71.8	209	22.0	59	6.2
Madera	14	11	78.6	3	21.4	-	-
Marin	17	12	70.6	3	17.6	2	11.8
Mariposa	-	-	-	-	-	-	-
Mendocino	6	3	50.0	3	50.0	-	-
Merced	16	14	87.5	2	12.5	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	54	36	66.7	11	20.4	7	13.0
Napa	6	2	33.3	2	33.3	2	33.3
Nevada	1	1	100.0	-	-	-	-
Orange	248	167	67.3	62	25.0	19	7.7
Pasadena	12	11	91.7	1	8.3	-	-
Placer	12	7	58.3	2	16.7	3	25.0
Plumas	-	-	-	-	-	-	-
Riverside	75	60	80.0	14	18.7	1	1.3
Sacramento	153	130	85.0	16	10.5	7	4.6
San Benito	2	1	50.0	1	50.0	-	-
San Bernardino	67	46	68.7	16	23.9	3	4.5
San Diego	316	187	59.2	76	24.1	53	16.8
San Francisco	162	109	67.3	34	21.0	19	11.7
San Joaquin	69	48	69.6	12	17.4	9	13.0
San Luis Obispo	8	7	87.5	1	12.5	-	-
San Mateo	52	37	71.2	12	23.1	3	5.8
Santa Barbara	37	28	75.7	9	24.3	-	-
Santa Clara	226	148	65.5	68	30.1	9	4.0
Santa Cruz	9	6	66.7	-	-	3	33.3
Shasta	8	8	100.0	-	-	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	30	23	76.7	7	23.3	-	-
Sonoma	15	9	60.0	5	33.3	1	6.7
Stanislaus	17	15	88.2	2	11.8	-	-
Sutter	5	4	80.0	1	20.0	-	-
Tehama	3	3	100.0	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	16	15	93.8	1	6.3	-	-
Tuolumne	-	-	-	-	-	-	-
Ventura	74	60	81.1	9	12.2	5	6.8
Yolo	12	9	75.0	3	25.0	-	-
Yuba	3	2	66.7	-	-	1	33.3

\*Total cases does not equal sum of other categories due to inclusion of those with unknown site of disease.

\*\*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.

Tuberculosis Control Branch, California Department of Health Services

**Table 21. Tuberculosis Cases by Verification Criteria: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Positive Culture		Positive Smear		Clinical Case		Provider Diagnosis	
		No.	%	No.	%	No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>2,497</b>	<b>77.4</b>	<b>9</b>	<b>0.3</b>	<b>480</b>	<b>14.9</b>	<b>241</b>	<b>7.5</b>
Alameda	175	135	77.1	-	-	31	17.7	9	5.1
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	5	4	80.0	-	-	-	-	1	20.0
Butte	6	6	100.0	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-
Colusa	1	1	100.0	-	-	-	-	-	-
Contra Costa	82	60	73.2	-	-	16	19.5	6	7.3
Del Norte	1	1	100.0	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-	-	-
Fresno	115	51	44.3	1	0.9	33	28.7	30	26.1
Glenn	3	3	100.0	-	-	-	-	-	-
Humboldt	2	1	50.0	-	-	-	-	1	50.0
Imperial	25	24	96.0	-	-	1	4.0	-	-
Inyo	1	1	100.0	-	-	-	-	-	-
Kern	47	40	85.1	-	-	4	8.5	3	6.4
Kings	3	3	100.0	-	-	-	-	-	-
Lake	1	1	100.0	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	65	47	72.3	-	-	18	27.7	-	-
Los Angeles	950	764	80.4	2	0.2	142	14.9	42	4.4
Madera	14	10	71.4	-	-	4	28.6	-	-
Marin	17	8	47.1	-	-	9	52.9	-	-
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	6	5	83.3	-	-	1	16.7	-	-
Merced	16	15	93.8	-	-	1	6.3	-	-
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	54	37	68.5	-	-	13	24.1	4	7.4
Napa	6	5	83.3	-	-	1	16.7	-	-
Nevada	1	1	100.0	-	-	-	-	-	-
Orange	248	211	85.1	-	-	26	10.5	11	4.4
Pasadena	12	9	75.0	-	-	-	-	3	25.0
Placer	12	9	75.0	-	-	-	-	3	25.0
Plumas	-	-	-	-	-	-	-	-	-
Riverside	75	60	80.0	-	-	2	2.7	13	17.3
Sacramento	153	89	58.2	-	-	37	24.2	27	17.6
San Benito	2	-	-	-	-	2	100.0	-	-
San Bernardino	67	57	85.1	-	-	3	4.5	7	10.4
San Diego	316	258	81.6	2	0.6	30	9.5	26	8.2
San Francisco	162	139	85.8	1	0.6	21	13.0	1	0.6
San Joaquin	69	54	78.3	-	-	14	20.3	1	1.4
San Luis Obispo	8	6	75.0	-	-	-	-	2	25.0
San Mateo	52	47	90.4	1	1.9	2	3.8	2	3.8
Santa Barbara	37	31	83.8	-	-	-	-	6	16.2
Santa Clara	226	176	77.9	2	0.9	27	11.9	21	9.3
Santa Cruz	9	7	77.8	-	-	-	-	2	22.2
Shasta	8	8	100.0	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	30	17	56.7	-	-	13	43.3	-	-
Sonoma	15	11	73.3	-	-	3	20.0	1	6.7
Stanislaus	17	13	76.5	-	-	4	23.5	-	-
Sutter	5	5	100.0	-	-	-	-	-	-
Tehama	3	1	33.3	-	-	2	66.7	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	16	12	75.0	-	-	3	18.8	1	6.3
Tuolumne	-	-	-	-	-	-	-	-	-
Ventura	74	40	54.1	-	-	16	21.6	18	24.3
Yolo	12	11	91.7	-	-	1	8.3	-	-
Yuba	3	3	100.0	-	-	-	-	-	-

-Indicates zero cases or zero percent.

**Table 22. Tuberculosis Cases by Sputum Smear Status: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Pulmonary Cases	Sputum Smear Results							
		Smear Positive		Smear Negative		Smear Not Done		Unknown	
		No.	%	No.	%	No.	%	No.	%
<b>California</b>	<b>2,520</b>	<b>1,133</b>	<b>45.0</b>	<b>1,150</b>	<b>45.6</b>	<b>231</b>	<b>9.2</b>	<b>6</b>	<b>0.2</b>
Alameda	127	40	31.5	81	63.8	6	4.7	-	-
Berkeley	3	2	66.7	1	33.3	-	-	-	-
Butte	3	3	100.0	-	-	-	-	-	-
Colusa	1	1	100.0	-	-	-	-	-	-
Contra Costa	61	27	44.3	26	42.6	7	11.5	1	1.6
Del Norte	1	1	100.0	-	-	-	-	-	-
Fresno	96	27	28.1	34	35.4	33	34.4	2	2.1
Glenn	1	-	-	1	100.0	-	-	-	-
Imperial	21	14	66.7	7	33.3	-	-	-	-
Inyo	1	-	-	1	100.0	-	-	-	-
Kern	41	28	68.3	9	22.0	4	9.8	-	-
Kings	3	1	33.3	2	66.7	-	-	-	-
Lake	1	-	-	-	-	1	100.0	-	-
Long Beach	53	23	43.4	20	37.7	10	18.9	-	-
Los Angeles	741	351	47.4	339	45.7	51	6.9	-	-
Madera	11	7	63.6	1	9.1	3	27.3	-	-
Marin	14	2	14.3	12	85.7	-	-	-	-
Mendocino	3	-	-	3	100.0	-	-	-	-
Merced	14	9	64.3	4	28.6	1	7.1	-	-
Monterey	43	20	46.5	15	34.9	8	18.6	-	-
Napa	4	1	25.0	3	75.0	-	-	-	-
Nevada	1	-	-	1	100.0	-	-	-	-
Orange	186	104	55.9	78	41.9	4	2.2	-	-
Pasadena	11	5	45.5	5	45.5	-	-	1	9.1
Placer	10	7	70.0	2	20.0	1	10.0	-	-
Riverside	61	28	45.9	29	47.5	4	6.6	-	-
Sacramento	137	38	27.7	82	59.9	16	11.7	1	0.7
San Benito	1	-	-	1	100.0	-	-	-	-
San Bernardino	49	31	63.3	15	30.6	3	6.1	-	-
San Diego	240	120	50.0	102	42.5	17	7.1	1	0.4
San Francisco	128	45	35.2	78	60.9	5	3.9	-	-
San Joaquin	57	27	47.4	20	35.1	10	17.5	-	-
San Luis Obispo	7	4	57.1	2	28.6	1	14.3	-	-
San Mateo	40	19	47.5	14	35.0	7	17.5	-	-
Santa Barbara	28	19	67.9	5	17.9	4	14.3	-	-
Santa Clara	157	64	40.8	77	49.0	16	10.2	-	-
Santa Cruz	9	2	22.2	7	77.8	-	-	-	-
Shasta	8	8	100.0	-	-	-	-	-	-
Solano	23	5	21.7	15	65.2	3	13.0	-	-
Sonoma	10	5	50.0	5	50.0	-	-	-	-
Stanislaus	15	11	73.3	4	26.7	-	-	-	-
Sutter	4	2	50.0	1	25.0	1	25.0	-	-
Tehama	3	1	33.3	1	33.3	1	33.3	-	-
Tulare	15	9	60.0	3	20.0	3	20.0	-	-
Ventura	65	14	21.5	41	63.1	10	15.4	-	-
Yolo	9	6	66.7	2	22.2	1	11.1	-	-
Yuba	3	2	66.7	1	33.3	-	-	-	-

- Indicates zero cases or zero percent.

**Table 23. Tuberculosis Cases by Chest X-ray Status: Reporting Jurisdictions in California, 2003**

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.	%
<b>California</b>	<b>2,520</b>	<b>2,454</b>	<b>527</b>	<b>21.5</b>	<b>1,868</b>	<b>76.1</b>	<b>56</b>	<b>2.3</b>	<b>3</b>	<b>0.10</b>
Alameda	127	125	11	8.8	114	91.2	-	-	-	-
Berkeley	3	3	-	-	3	100.0	-	-	-	-
Butte	3	3	3	100.0	-	-	-	-	-	-
Colusa	1	1	-	-	1	100.0	-	-	-	-
Contra Costa	61	60	16	26.7	43	71.7	1	1.7	-	-
Del Norte	1	1	1	100.0	-	-	-	-	-	-
Fresno	96	95	13	13.7	80	84.2	2	2.1	-	-
Glenn	1	1	-	-	-	-	1	100.0	-	-
Imperial	21	21	4	19.0	17	81.0	-	-	-	-
Inyo	1	1	-	-	-	-	1	100.0	-	-
Kern	41	40	12	30.0	26	65.0	2	5.0	-	-
Kings	3	2	2	100.0	-	-	-	-	-	-
Lake	1	1	-	-	-	-	1	100.0	-	-
Long Beach	53	52	14	26.9	37	71.2	1	1.9	-	-
Los Angeles	741	713	157	22.0	553	77.6	3	0.4	-	-
Madera	11	11	5	45.5	5	45.5	1	9.1	-	-
Marin	14	14	4	28.6	10	71.4	-	-	-	-
Mendocino	3	3	-	-	3	100.0	-	-	-	-
Merced	14	14	11	78.6	3	21.4	-	-	-	-
Monterey	43	42	10	23.8	32	76.2	-	-	-	-
Napa	4	4	-	-	2	50.0	2	50.0	-	-
Nevada	1	1	-	-	1	100.0	-	-	-	-
Orange	186	179	41	22.9	130	72.6	8	4.5	-	-
Pasadena	11	11	2	18.2	7	63.6	2	18.2	-	-
Placer	10	10	4	40.0	6	60.0	-	-	-	-
Riverside	61	60	14	23.3	40	66.7	5	8.3	1	1.70
Sacramento	137	133	18	13.5	114	85.7	1	0.8	-	-
San Benito	1	1	1	100.0	-	-	-	-	-	-
San Bernardino	49	47	17	36.2	29	61.7	1	2.1	-	-
San Diego	240	232	43	18.5	184	79.3	5	2.2	-	-
San Francisco	128	126	26	20.6	100	79.4	-	-	-	-
San Joaquin	57	55	13	23.6	42	76.4	-	-	-	-
San Luis Obispo	7	7	2	28.6	5	71.4	-	-	-	-
San Mateo	40	40	8	20.0	30	75.0	2	5.0	-	-
Santa Barbara	28	28	10	35.7	15	53.6	3	10.7	-	-
Santa Clara	157	154	30	19.5	114	74.0	9	5.8	1	0.60
Santa Cruz	9	9	2	22.2	7	77.8	-	-	-	-
Shasta	8	8	3	37.5	5	62.5	-	-	-	-
Solano	23	23	4	17.4	19	82.6	-	-	-	-
Sonoma	10	10	2	20.0	8	80.0	-	-	-	-
Stanislaus	15	15	4	26.7	8	53.3	3	20.0	-	-
Sutter	4	4	2	50.0	2	50.0	-	-	-	-
Tehama	3	3	2	66.7	1	33.3	-	-	-	-
Tulare	15	15	1	6.7	14	93.3	-	-	-	-
Ventura	65	64	9	14.1	54	84.4	1	1.6	-	-
Yolo	9	9	6	66.7	1	11.1	1	11.1	1	11.10
Yuba	3	3	-	-	3	100.0	-	-	-	-

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

**Table 24. Tuberculosis Cases by Vital Status at Diagnosis and Initiation of Treatment: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Dead at Diagnosis		Alive at Diagnosis		Alive and Started Treatment	
		No.	%	No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>43</b>	<b>1.3</b>	<b>3,184</b>	<b>98.7</b>	<b>3,140</b>	<b>97.3</b>
Alameda	175	2	1.1	173	98.9	171	97.7
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	5	-	-	5	100.0	5	100.0
Butte	6	-	-	6	100.0	6	100.0
Calaveras	-	-	-	-	-	-	-
Colusa	1	-	-	1	100.0	1	100.0
Contra Costa	82	1	1.2	81	98.8	81	98.8
Del Norte	1	-	-	1	100.0	1	100.0
El Dorado	-	-	-	-	-	-	-
Fresno	115	1	0.9	114	99.1	112	97.4
Glenn	3	-	-	3	100.0	3	100.0
Humboldt	2	-	-	2	100.0	2	100.0
Imperial	25	-	-	25	100.0	23	92.0
Inyo	1	-	-	1	100.0	1	100.0
Kern	47	-	-	47	100.0	47	100.0
Kings	3	-	-	3	100.0	3	100.0
Lake	1	-	-	1	100.0	1	100.0
Lassen	-	-	-	-	-	-	-
Long Beach	65	1	1.5	64	98.5	64	98.5
Los Angeles	950	7	0.7	943	99.3	919	96.7
Madera	14	-	-	14	100.0	14	100.0
Marin	17	-	-	17	100.0	17	100.0
Mariposa	-	-	-	-	-	-	-
Mendocino	6	-	-	6	100.0	6	100.0
Merced	16	1	6.3	15	93.8	15	93.8
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	54	-	-	54	100.0	54	100.0
Napa	6	-	-	6	100.0	6	100.0
Nevada	1	-	-	1	100.0	1	100.0
Orange	248	2	0.8	246	99.2	242	97.6
Pasadena	12	-	-	12	100.0	12	100.0
Placer	12	-	-	12	100.0	12	100.0
Plumas	-	-	-	-	-	-	-
Riverside	75	1	1.3	74	98.7	73	97.3
Sacramento	153	4	2.6	149	97.4	147	96.1
San Benito	2	-	-	2	100.0	2	100.0
San Bernardino	67	2	3.0	65	97.0	65	97.0
San Diego	316	7	2.2	309	97.8	308	97.5
San Francisco	162	7	4.3	155	95.7	154	95.1
San Joaquin	69	-	-	69	100.0	69	100.0
San Luis Obispo	8	-	-	8	100.0	8	100.0
San Mateo	52	1	1.9	51	98.1	51	98.1
Santa Barbara	37	-	-	37	100.0	35	94.6
Santa Clara	226	4	1.8	222	98.2	219	96.9
Santa Cruz	9	-	-	9	100.0	9	100.0
Shasta	8	-	-	8	100.0	8	100.0
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	30	-	-	30	100.0	30	100.0
Sonoma	15	-	-	15	100.0	15	100.0
Stanislaus	17	-	-	17	100.0	17	100.0
Sutter	5	-	-	5	100.0	5	100.0
Tehama	3	-	-	3	100.0	3	100.0
Trinity	-	-	-	-	-	-	-
Tulare	16	-	-	16	100.0	16	100.0
Tuolumne	-	-	-	-	-	-	-
Ventura	74	2	2.7	72	97.3	72	97.3
Yolo	12	-	-	12	100.0	12	100.0
Yuba	3	-	-	3	100.0	3	100.0

-Indicates zero cases or zero percent.

**Table 25. Deaths in Persons with Tuberculosis: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Total Cases	Timing of Death							
		Total Deaths		Dead at Diagnosis		Died Before Starting TB Treatment		Died During TB Treatment	
		No.	%	No.	%	No.	%	No.	%
<b>California</b>	<b>3,329</b>	<b>290</b>	<b>8.7</b>	<b>49</b>	<b>1.5</b>	<b>14</b>	<b>0.4</b>	<b>227</b>	<b>6.8</b>
Alameda	196	15	7.7	1	0.5	1	0.5	13	6.6
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	12	-	-	-	-	-	-	-	-
Butte	5	1	20.0	-	-	1	20.0	-	-
Calaveras	1	-	-	-	-	-	-	-	-
Colusa	2	-	-	-	-	-	-	-	-
Contra Costa	105	6	5.7	-	-	-	-	6	5.7
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	5	1	20.0	-	-	1	20.0	-	-
Fresno	97	12	12.4	2	2.1	-	-	10	10.3
Glenn	-	-	-	-	-	-	-	-	-
Humboldt	7	1	14.3	-	-	-	-	1	14.3
Imperial	25	1	4.0	-	-	-	-	1	4.0
Inyo	-	-	-	-	-	-	-	-	-
Kern	52	6	11.5	1	1.9	1	1.9	4	7.7
Kings	11	1	9.1	1	9.1	-	-	-	-
Lake	2	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	50	1	2.0	-	-	-	-	1	2.0
Los Angeles	1,042	111	10.7	12	1.2	5	0.5	94	9.0
Madera	11	-	-	-	-	-	-	-	-
Marin	15	2	13.3	1	6.7	-	-	1	6.7
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	2	1	50.0	1	50.0	-	-	-	-
Merced	15	-	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	38	-	-	-	-	-	-	-	-
Napa	2	-	-	-	-	-	-	-	-
Nevada	1	-	-	-	-	-	-	-	-
Orange	278	22	7.9	5	1.8	-	-	17	6.1
Pasadena	17	-	-	-	-	-	-	-	-
Placer	4	2	50.0	-	-	1	25.0	1	25.0
Plumas	-	-	-	-	-	-	-	-	-
Riverside	66	10	15.2	2	3.0	2	3.0	6	9.1
Sacramento	130	10	7.7	4	3.1	1	0.8	5	3.8
San Benito	6	-	-	-	-	-	-	-	-
San Bernardino	83	7	8.4	-	-	-	-	7	8.4
San Diego	331	27	8.2	4	1.2	-	-	23	6.9
San Francisco	182	19	10.4	6	3.3	-	-	13	7.1
San Joaquin	51	5	9.8	1	2.0	-	-	4	7.8
San Luis Obispo	11	4	36.4	1	9.1	1	9.1	2	18.2
San Mateo	77	2	2.6	-	-	-	-	2	2.6
Santa Barbara	26	-	-	-	-	-	-	-	-
Santa Clara	214	9	4.2	2	0.9	-	-	7	3.3
Santa Cruz	7	1	14.3	-	-	-	-	1	14.3
Shasta	4	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	35	2	5.7	-	-	-	-	2	5.7
Sonoma	10	-	-	-	-	-	-	-	-
Stanislaus	18	3	16.7	1	5.6	-	-	2	11.1
Sutter	5	1	20.0	-	-	-	-	1	20.0
Tehama	1	1	100.0	-	-	-	-	1	100.0
Trinity	-	-	-	-	-	-	-	-	-
Tulare	15	1	6.7	-	-	-	-	1	6.7
Tuolumne	1	-	-	-	-	-	-	-	-
Ventura	53	4	7.5	4	7.5	-	-	-	-
Yolo	5	-	-	-	-	-	-	-	-
Yuba	3	1	33.3	-	-	-	-	1	33.3

-Indicates zero cases or zero percent.

**Table 26. Tuberculosis Cases by Initial Drug Regimen: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Cases Alive at Diagnosis	Cases Started on Initial Drug Regimen		Initial Drug Regimen* (%)				
		No.	%	IR	IRZ	IRE	IRZ,E/S	Other
<b>California</b>	<b>3,184</b>	<b>3,140</b>	<b>98.6</b>	<b>1.5</b>	<b>4.2</b>	<b>1.9</b>	<b>87.2</b>	<b>5.2</b>
Alameda	173	171	98.8	1.2	0.6	0.6	96.5	1.2
Alpine	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-
Berkeley	5	5	100.0	-	-	-	80.0	20.0
Butte	6	6	100.0	-	50.0	-	50.0	-
Calaveras	-	-	-	-	-	-	-	-
Colusa	1	1	100.0	-	-	-	100.0	-
Contra Costa	81	81	100.0	-	2.5	3.7	90.1	3.7
Del Norte	1	1	100.0	-	-	-	100.0	-
El Dorado	-	-	-	-	-	-	-	-
Fresno	114	112	98.2	-	5.4	1.8	89.3	3.6
Glenn	3	3	100.0	-	-	-	100.0	-
Humboldt	2	2	100.0	-	-	-	100.0	-
Imperial	25	23	92.0	-	-	-	95.7	4.3
Inyo	1	1	100.0	-	-	-	100.0	-
Kern	47	47	100.0	2.1	10.6	2.1	85.1	-
Kings	3	3	100.0	-	-	-	100.0	-
Lake	1	1	100.0	-	-	-	100.0	-
Lassen	-	-	-	-	-	-	-	-
Long Beach	64	64	100.0	26.6	21.9	-	48.4	3.1
Los Angeles	943	919	97.5	1.6	3.9	1.8	88.7	3.9
Madera	14	14	100.0	-	7.1	-	92.9	-
Marin	17	17	100.0	-	-	5.9	88.2	5.9
Mariposa	-	-	-	-	-	-	-	-
Mendocino	6	6	100.0	-	-	-	100.0	-
Merced	15	15	100.0	-	20.0	-	73.3	6.7
Modoc	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-
Monterey	54	54	100.0	-	-	1.9	92.6	5.6
Napa	6	6	100.0	-	33.3	-	66.7	-
Nevada	1	1	100.0	-	-	-	100.0	-
Orange	246	242	98.4	0.8	2.1	1.2	88.8	7.0
Pasadena	12	12	100.0	-	8.3	-	75.0	16.7
Placer	12	12	100.0	-	8.3	-	83.3	8.3
Plumas	-	-	-	-	-	-	-	-
Riverside	74	73	98.6	1.4	5.5	2.7	84.9	5.5
Sacramento	149	147	98.7	-	3.4	-	93.2	3.4
San Benito	2	2	100.0	-	-	-	100.0	-
San Bernardino	65	65	100.0	-	7.7	3.1	84.6	4.6
San Diego	309	308	99.7	1.3	6.5	3.6	75.3	13.3
San Francisco	155	154	99.4	0.6	1.9	3.9	85.7	7.8
San Joaquin	69	69	100.0	-	1.4	-	88.4	10.1
San Luis Obispo	8	8	100.0	-	-	-	75.0	25.0
San Mateo	51	51	100.0	-	3.9	3.9	92.2	-
Santa Barbara	37	35	94.6	2.9	2.9	5.7	82.9	5.7
Santa Clara	222	219	98.6	-	2.3	1.8	94.5	1.4
Santa Cruz	9	9	100.0	-	-	-	100.0	-
Shasta	8	8	100.0	-	-	-	75.0	25.0
Sierra	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-
Solano	30	30	100.0	-	13.3	-	83.3	3.3
Sonoma	15	15	100.0	-	13.3	-	86.7	-
Stanislaus	17	17	100.0	-	-	11.8	88.2	-
Sutter	5	5	100.0	-	-	-	100.0	-
Tehama	3	3	100.0	-	-	-	66.7	33.3
Trinity	-	-	-	-	-	-	-	-
Tulare	16	16	100.0	-	-	-	100.0	-
Tuolumne	-	-	-	-	-	-	-	-
Ventura	72	72	100.0	4.2	-	1.4	88.9	5.6
Yolo	12	12	100.0	-	8.3	-	91.7	-
Yuba	3	3	100.0	-	-	-	66.7	33.3

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

-Indicates zero cases or zero percent.

**Table 27. Tuberculosis Cases by Type of Health Care Provider: Reporting Jurisdictions in California, 2001**

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.	%
<b>California</b>	<b>3,329</b>	<b>3,240</b>	<b>3,175</b>	<b>98.0</b>	<b>1,664</b>	<b>52.4</b>	<b>1,024</b>	<b>32.3</b>	<b>487</b>	<b>15.3</b>
Alameda	196	192	191	99.5	1	0.5	190	99.5	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	12	12	12	100.0	1	8.3	11	91.7	-	-
Butte	5	4	4	100.0	2	50.0	-	-	2	50.0
Calaveras	1	1	1	100.0	-	-	1	100.0	-	-
Colusa	2	2	2	100.0	2	100.0	-	-	-	-
Contra Costa	105	105	105	100.0	43	41.0	38	36.2	24	22.9
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	5	4	4	100.0	1	25.0	2	50.0	1	25.0
Fresno	97	95	95	100.0	75	78.9	14	14.7	6	6.3
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	7	7	7	100.0	-	-	-	-	7	100.0
Imperial	25	25	25	100.0	15	60.0	7	28.0	3	12.0
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	52	50	49	98.0	12	24.5	23	46.9	14	28.6
Kings	11	10	10	100.0	6	60.0	4	40.0	-	-
Lake	2	2	2	100.0	-	-	1	50.0	1	50.0
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	50	50	50	100.0	34	68.0	12	24.0	4	8.0
Los Angeles	1,042	1,015	1,005	99.0	540	53.7	219	21.8	246	24.5
Madera	11	11	11	100.0	9	81.8	1	9.1	1	9.1
Marin	15	14	14	100.0	8	57.1	2	14.3	4	28.6
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	2	1	1	100.0	1	100.0	-	-	-	-
Merced	15	14	14	100.0	10	71.4	2	14.3	2	14.3
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	38	38	36	94.7	17	47.2	13	36.1	6	16.7
Napa	2	2	2	100.0	-	-	1	50.0	1	50.0
Nevada	1	1	1	100.0	-	-	1	100.0	-	-
Orange	278	273	264	96.7	209	79.2	24	9.1	31	11.7
Pasadena	17	17	12	70.6	10	83.3	2	16.7	-	-
Placer	4	3	2	66.7	-	-	1	50.0	1	50.0
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	66	62	62	100.0	31	50.0	19	30.6	12	19.4
Sacramento	130	121	121	100.0	99	81.8	20	16.5	2	1.7
San Benito	6	6	6	100.0	3	50.0	3	50.0	-	-
San Bernardino	83	82	79	96.3	29	36.7	24	30.4	26	32.9
San Diego	331	324	323	99.7	114	35.3	191	59.1	18	5.6
San Francisco	182	174	173	99.4	131	75.7	39	22.5	3	1.7
San Joaquin	51	50	45	90.0	31	68.9	10	22.2	4	8.9
San Luis Obispo	11	9	9	100.0	6	66.7	2	22.2	1	11.1
San Mateo	77	77	75	97.4	36	48.0	30	40.0	9	12.0
Santa Barbara	26	26	26	100.0	18	69.2	4	15.4	4	15.4
Santa Clara	214	210	200	95.2	92	46.0	86	43.0	22	11.0
Santa Cruz	7	7	7	100.0	2	28.6	4	57.1	1	14.3
Shasta	4	4	4	100.0	1	25.0	-	-	3	75.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	35	34	29	85.3	15	51.7	5	17.2	9	31.0
Sonoma	10	10	9	90.0	6	66.7	1	11.1	2	22.2
Stanislaus	18	17	17	100.0	5	29.4	6	35.3	6	35.3
Sutter	5	5	4	80.0	-	-	-	-	4	100.0
Tehama	1	1	1	100.0	-	-	-	-	1	100.0
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	15	15	10	66.7	9	90.0	1	10.0	-	-
Tuolumne	1	1	1	100.0	-	-	1	100.0	-	-
Ventura	53	49	48	98.0	37	77.1	8	16.7	3	6.3
Yolo	5	5	4	80.0	1	25.0	-	-	3	75.0
Yuba	3	3	3	100.0	2	66.7	1	33.3	-	-

-Indicates zero cases or zero percent.



**Table 28. Tuberculosis Cases by Type of Therapy Administration: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Total Cases	Cases w/ Initial Drug Regimen Prescribed	Cases w/ Information on Type of Therapy Administration		Type of Therapy Administration*					
			No.	%	SAT Only		DOT Only		DOT and SAT	
					No.	%	No.	%	No.	%
<b>California</b>	<b>3,329</b>	<b>3,240</b>	<b>3,156</b>	<b>97.4</b>	<b>760</b>	<b>24.1</b>	<b>1,901</b>	<b>60.2</b>	<b>495</b>	<b>15.7</b>
Alameda	196	192	191	99.5	99	51.8	37	19.4	55	28.8
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	12	12	12	100.0	4	33.3	7	58.3	1	8.3
Butte	5	4	4	100.0	-	-	-	-	4	100.0
Calaveras	1	1	1	100.0	1	100.0	-	-	-	-
Colusa	2	2	2	100.0	-	-	-	-	2	100.0
Contra Costa	105	105	105	100.0	42	40.0	61	58.1	2	1.9
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	5	4	4	100.0	1	25.0	1	25.0	2	50.0
Fresno	97	95	94	98.9	6	6.4	51	54.3	37	39.4
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	7	7	7	100.0	3	42.9	3	42.9	1	14.3
Imperial	25	25	24	96.0	2	8.3	11	45.8	11	45.8
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	52	50	48	96.0	1	2.1	17	35.4	30	62.5
Kings	11	10	10	100.0	-	-	9	90.0	1	10.0
Lake	2	2	2	100.0	1	50.0	-	-	1	50.0
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	50	50	49	98.0	23	46.9	22	44.9	4	8.2
Los Angeles	1,042	1,015	993	97.8	205	20.6	788	79.4	-	-
Madera	11	11	11	100.0	-	-	9	81.8	2	18.2
Marin	15	14	14	100.0	3	21.4	5	35.7	6	42.9
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	2	1	1	100.0	-	-	1	100.0	-	-
Merced	15	14	14	100.0	2	14.3	2	14.3	10	71.4
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	38	38	36	94.7	8	22.2	9	25.0	19	52.8
Napa	2	2	2	100.0	2	100.0	-	-	-	-
Nevada	1	1	1	100.0	1	100.0	-	-	-	-
Orange	278	273	264	96.7	5	1.9	247	93.6	12	4.5
Pasadena	17	17	11	64.7	1	9.1	10	90.9	-	-
Placer	4	3	2	66.7	1	50.0	1	50.0	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	66	62	62	100.0	19	30.6	26	41.9	17	27.4
Sacramento	130	121	120	99.2	21	17.5	97	80.8	2	1.7
San Benito	6	6	6	100.0	1	16.7	2	33.3	3	50.0
San Bernardino	83	82	78	95.1	26	33.3	5	6.4	47	60.3
San Diego	331	324	324	100.0	45	13.9	221	68.2	58	17.9
San Francisco	182	174	173	99.4	76	43.9	74	42.8	23	13.3
San Joaquin	51	50	45	90.0	2	4.4	36	80.0	7	15.6
San Luis Obispo	11	9	9	100.0	1	11.1	2	22.2	6	66.7
San Mateo	77	77	75	97.4	18	24.0	4	5.3	53	70.7
Santa Barbara	26	26	26	100.0	3	11.5	20	76.9	3	11.5
Santa Clara	214	210	200	95.2	82	41.0	98	49.0	20	10.0
Santa Cruz	7	7	7	100.0	2	28.6	2	28.6	3	42.9
Shasta	4	4	4	100.0	1	25.0	2	50.0	1	25.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	35	34	29	85.3	7	24.1	2	6.9	20	69.0
Sonoma	10	10	8	80.0	-	-	-	-	8	100.0
Stanislaus	18	17	17	100.0	5	29.4	3	17.6	9	52.9
Sutter	5	5	4	80.0	-	-	3	75.0	1	25.0
Tehama	1	1	1	100.0	-	-	1	100.0	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	15	15	10	66.7	1	10.0	2	20.0	7	70.0
Tuolumne	1	1	1	100.0	1	100.0	-	-	-	-
Ventura	53	49	47	95.9	36	76.6	8	17.0	3	6.4
Yolo	5	5	5	100.0	2	40.0	-	-	3	60.0
Yuba	3	3	3	100.0	-	-	2	66.7	1	33.3

\* SAT=self administered therapy; DOT=directly observed therapy.

-Indicates zero cases or zero percent.

**Table 29. Tuberculosis Cases by AIDS Diagnosis (Dx)\*: Reporting Jurisdictions in California, 1996-2002**

	1996			1997			1998			1999			2000			2001			2002		
	Total Cases	AIDS Dx		Total Cases	AIDS Dx		Total Cases	AIDS Dx		Total Cases	AIDS Dx		Total Cases	AIDS Dx		Total Cases	AIDS Dx		Total Cases	AIDS Dx	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%
<b>California</b>	<b>4,288</b>	<b>334</b>	<b>7.8</b>	<b>4,045</b>	<b>266</b>	<b>6.6</b>	<b>3,850</b>	<b>227</b>	<b>5.9</b>	<b>3,605</b>	<b>220</b>	<b>6.1</b>	<b>3,290</b>	<b>147</b>	<b>4.5</b>	<b>3,329</b>	<b>149</b>	<b>4.5</b>	<b>3,171</b>	<b>165</b>	<b>5.2</b>
Alameda	234	21	9.0	192	6	3.1	223	12	5.4	224	7	3.1	241	9	3.7	196	6	3.1	199	4	2.0
Contra Costa	117	6	5.1	105	7	6.7	102	3	2.9	97	2	2.1	78	3	3.8	105	7	6.7	69	3	4.3
Fresno	68	2	2.9	92	7	7.6	115	4	3.5	100	10	10.0	91	3	3.3	97	4	4.1	99	4	4.0
Humboldt	7	-	-	8	-	-	15	-	-	7	-	-	6	1	16.7	7	-	-	6	-	-
Imperial	40	1	2.5	39	1	2.6	39	-	-	38	-	-	26	-	-	25	-	-	29	-	-
Kern	71	2	2.8	63	4	6.3	48	2	4.2	62	5	8.1	49	2	4.1	52	2	3.8	58	2	3.4
Kings	31	1	3.2	14	2	14.3	18	4	22.2	11	1	9.1	8	-	-	11	-	-	5	1	20.0
Long Beach	98	11	11.2	99	4	4.0	57	2	3.5	88	8	9.1	63	3	4.8	50	4	8.0	59	3	5.1
Los Angeles	1,370	124	9.1	1,346	120	8.9	1,293	111	8.6	1,167	86	7.4	1,060	60	5.7	1,042	54	5.2	1,021	64	6.3
Madera	10	-	-	10	-	-	6	-	-	8	-	-	14	-	-	11	-	-	12	-	-
Marin	16	-	-	12	1	8.3	20	1	5.0	10	1	10.0	11	2	18.2	15	1	6.7	12	1	8.3
Merced	19	-	-	11	-	-	8	-	-	11	1	9.1	10	1	10.0	15	1	6.7	17	-	-
Monterey	36	3	8.3	45	1	2.2	48	1	2.1	48	3	6.3	39	-	-	38	1	2.6	24	-	-
Orange	273	9	3.3	330	16	4.8	298	11	3.7	246	10	4.1	246	14	5.7	278	6	2.2	230	3	1.3
Pasadena	24	4	16.7	11	1	9.1	19	-	-	8	1	12.5	13	-	-	17	-	-	12	1	8.3
Riverside	98	11	11.2	66	9	13.6	74	2	2.7	79	6	7.6	71	3	4.2	66	3	4.5	68	3	4.4
Sacramento	148	6	4.1	141	4	2.8	112	4	3.6	95	3	3.2	118	-	-	130	4	3.1	104	-	-
San Bernardino	128	19	14.8	128	10	7.8	100	6	6.0	113	7	6.2	102	6	5.9	83	2	2.4	63	-	-
San Diego	384	31	8.1	332	25	7.5	342	31	9.1	299	24	8.0	295	14	4.7	331	25	7.6	326	31	9.5
San Francisco	261	40	15.3	241	24	10.0	207	18	8.7	235	25	10.6	170	9	5.3	182	13	7.1	146	28	19.2
San Joaquin	72	-	-	64	4	6.3	65	4	6.2	74	3	4.1	72	4	5.6	51	4	7.8	52	3	5.8
San Luis Obispo	11	-	-	9	-	-	16	1	6.3	6	-	-	9	-	-	11	-	-	6	-	-
San Mateo	92	5	5.4	85	2	2.4	80	3	3.8	63	2	3.2	46	-	-	77	2	2.6	67	-	-
Santa Barbara	69	1	1.4	37	1	2.7	30	1	3.3	26	1	3.8	22	1	4.5	26	-	-	17	3	17.6
Santa Clara	296	8	2.7	258	6	2.3	252	3	1.2	244	4	1.6	234	5	2.1	214	3	1.4	256	6	2.3
Solano	52	7	13.5	45	1	2.2	51	-	-	32	1	3.1	27	-	-	35	1	2.9	26	1	3.8
Sonoma	24	1	4.2	12	-	-	16	1	6.3	18	-	-	16	-	-	10	1	10.0	17	1	5.9
Stanislaus	26	2	7.7	35	1	2.9	25	1	4.0	33	2	6.1	18	3	16.7	18	-	-	22	2	9.1
Tulare	36	3	8.3	24	-	-	27	-	-	22	1	4.5	17	-	-	15	1	6.7	19	-	-
Ventura	70	4	5.7	78	4	5.1	57	1	1.8	62	1	1.6	44	2	4.5	53	2	3.8	66	1	1.5
All Other Jurisdictions**	107	12	11.2	113	5	4.4	87	-	-	79	5	6.3	74	2	2.7	68	2	2.9	64	-	-

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

\*\* Reporting jurisdictions with fewer than 5 cases in any year (1996-2002)

- Indicates zero cases or zero percent.

**Table 30. Tuberculosis Cases Among Residents of Correctional Facilities\*: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Cases with Information on Residence in a Correctional Facility		Cases Diagnosed in Correctional Facility		Type of Correctional Facility									
		No.	%	No.	%	Federal Prison		State Prison		Local Jail		Juvenile Facility		Other/Unknown	
						No.	%	No.	%	No.	%	No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>3,217</b>	<b>99.7</b>	<b>92</b>	<b>2.9</b>	<b>12</b>	<b>13.0</b>	<b>10</b>	<b>10.9</b>	<b>47</b>	<b>51.1</b>	<b>5</b>	<b>5.4</b>	<b>18</b>	<b>19.6</b>
Alameda	175	174	99.4	3	1.7	1	33.3	-	-	2	66.7	-	-	-	-
Berkeley	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Butte	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	82	82	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	115	114	99.1	2	1.8	-	-	-	-	1	50.0	1	50.0	-	-
Imperial	25	25	100.0	4	16.0	-	-	-	-	2	50.0	-	-	2	50.0
Kern	47	47	100.0	6	12.8	1	16.7	4	66.7	-	-	-	-	1	16.7
Long Beach	65	65	100.0	1	1.5	-	-	-	-	1	100.0	-	-	-	-
Los Angeles	950	947	99.7	19	2.0	-	-	-	-	14	73.7	1	5.3	4	21.1
Madera	14	14	100.0	2	14.3	-	-	1	50.0	-	-	-	-	1	50.0
Marin	17	17	100.0	1	5.9	-	-	-	-	1	100.0	-	-	-	-
Mendocino	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Merced	16	16	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	54	54	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Napa	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Orange	248	247	99.6	6	2.4	-	-	-	-	6	100.0	-	-	-	-
Pasadena	12	12	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Placer	12	12	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	75	75	100.0	1	1.3	-	-	-	-	-	-	1	100.0	-	-
Sacramento	153	153	100.0	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	67	67	100.0	1	1.5	-	-	-	-	-	-	-	-	1	100.0
San Diego	316	314	99.4	30	9.6	9	30.0	2	6.7	10	33.3	1	3.3	8	26.7
San Francisco	162	162	100.0	2	1.2	-	-	-	-	2	100.0	-	-	-	-
San Joaquin	69	69	100.0	5	7.2	-	-	1	20.0	3	60.0	1	20.0	-	-
San Luis Obispo	8	8	100.0	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	52	51	98.1	-	-	-	-	-	-	-	-	-	-	-	-
Santa Barbara	37	37	100.0	1	2.7	1	100.0	-	-	-	-	-	-	-	-
Santa Clara	226	225	99.6	1	0.4	-	-	-	-	1	100.0	-	-	-	-
Santa Cruz	9	9	100.0	1	11.1	-	-	-	-	1	100.0	-	-	-	-
Shasta	8	8	100.0	1	12.5	-	-	-	-	1	100.0	-	-	-	-
Solano	30	30	100.0	1	3.3	-	-	1	100.0	-	-	-	-	-	-
Sonoma	15	15	100.0	1	6.7	-	-	-	-	1	100.0	-	-	-	-
Stanislaus	17	17	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Sutter	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	74	74	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Yolo	12	12	100.0	1	8.3	-	-	-	-	-	-	-	-	1	100.0
All Other Jurisdictions**	21	21	100.0	2	9.5	-	-	1	50.0	1	50.0	-	-	-	-

\*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, 2003**

Reporting Jurisdiction	Total Cases	Cases with Information on Homeless Status		Cases with Homeless Status	
		No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>3,198</b>	<b>99.1</b>	<b>227</b>	<b>7.1</b>
Alameda	175	174	99.4	8	4.6
Berkeley	5	5	100.0	-	-
Butte	6	6	100.0	-	-
Contra Costa	82	82	100.0	8	9.8
Fresno	115	114	99.1	6	5.3
Imperial	25	25	100.0	-	-
Kern	47	46	97.9	-	-
Long Beach	65	65	100.0	7	10.8
Los Angeles	950	933	98.2	74	7.9
Madera	14	14	100.0	-	-
Marin	17	17	100.0	-	-
Mendocino	6	6	100.0	-	-
Merced	16	16	100.0	2	12.5
Monterey	54	52	96.3	2	3.8
Napa	6	6	100.0	-	-
Orange	248	247	99.6	3	1.2
Pasadena	12	12	100.0	1	8.3
Placer	12	11	91.7	2	18.2
Riverside	75	75	100.0	1	1.3
Sacramento	153	153	100.0	14	9.2
San Bernardino	67	66	98.5	4	6.1
San Diego	316	312	98.7	23	7.4
San Francisco	162	162	100.0	21	13.0
San Joaquin	69	69	100.0	16	23.2
San Luis Obispo	8	8	100.0	1	12.5
San Mateo	52	52	100.0	2	3.8
Santa Barbara	37	37	100.0	5	13.5
Santa Clara	226	226	100.0	3	1.3
Santa Cruz	9	9	100.0	4	44.4
Shasta	8	8	100.0	1	12.5
Solano	30	30	100.0	-	-
Sonoma	15	15	100.0	1	6.7
Stanislaus	17	17	100.0	1	5.9
Sutter	5	5	100.0	-	-
Tulare	16	16	100.0	3	18.8
Ventura	74	74	100.0	9	12.2
Yolo	12	12	100.0	2	16.7
All Other Jurisdictions**	21	21	100.0	3	14.3

\* Homeless within past 12 months.

- Indicates zero cases or zero percent.

\*\* Reporting jurisdictions with fewer than 5 cases.

**Table 32. Tuberculosis Cases Among Persons in Long-term Care Facilities\*: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Cases with Information On Residence in Long-term Care		Cases Diagnosed in a Long-term Care Facility	
		No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>3,217</b>	<b>99.7</b>	<b>68</b>	<b>2.1</b>
Alameda	175	174	99.4	5	2.9
Berkeley	5	5	100.0	-	-
Butte	6	6	100.0	-	-
Contra Costa	82	82	100.0	1	1.2
Fresno	115	114	99.1	-	-
Imperial	25	25	100.0	-	-
Kern	47	47	100.0	3	6.4
Long Beach	65	65	100.0	3	4.6
Los Angeles	950	947	99.7	14	1.5
Madera	14	14	100.0	-	-
Marin	17	17	100.0	1	5.9
Mendocino	6	6	100.0	-	-
Merced	16	16	100.0	1	6.3
Monterey	54	54	100.0	-	-
Napa	6	6	100.0	-	-
Orange	248	247	99.6	5	2.0
Pasadena	12	12	100.0	1	8.3
Placer	12	12	100.0	-	-
Riverside	75	75	100.0	1	1.3
Sacramento	153	153	100.0	1	0.7
San Bernardino	67	67	100.0	2	3.0
San Diego	316	313	99.1	15	4.8
San Francisco	162	162	100.0	6	3.7
San Joaquin	69	69	100.0	2	2.9
San Luis Obispo	8	8	100.0	-	-
San Mateo	52	52	100.0	-	-
Santa Barbara	37	37	100.0	1	2.7
Santa Clara	226	225	99.6	2	0.9
Santa Cruz	9	9	100.0	1	11.1
Shasta	8	8	100.0	-	-
Solano	30	30	100.0	-	-
Sonoma	15	15	100.0	-	-
Stanislaus	17	17	100.0	1	5.9
Sutter	5	5	100.0	-	-
Tulare	16	16	100.0	-	-
Ventura	74	74	100.0	2	2.7
Yolo	12	12	100.0	-	-
All Other Jurisdictions**	21	21	100.0	-	-

\* Residence in long-term care facility at time of diagnosis.

- Indicates zero cases or zero percent.

\*\* Reporting jurisdictions with fewer than 5 cases.

**Table 33. Tuberculosis Cases Among Persons Using Injecting Drugs\*: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Cases with Information On Injecting Drug Use		Cases with Injecting Drug Use	
		No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>3,115</b>	<b>96.5</b>	<b>73</b>	<b>2.3</b>
Alameda	175	171	97.7	5	2.9
Berkeley	5	5	100.0	-	-
Butte	6	6	100.0	-	-
Contra Costa	82	81	98.8	1	1.2
Fresno	115	111	96.5	5	4.5
Imperial	25	25	100.0	6	24.0
Kern	47	47	100.0	1	2.1
Long Beach	65	64	98.5	-	-
Los Angeles	950	905	95.3	19	2.1
Madera	14	14	100.0	1	7.1
Marin	17	17	100.0	-	-
Mendocino	6	6	100.0	-	-
Merced	16	12	75.0	-	-
Monterey	54	51	94.4	1	2.0
Napa	6	6	100.0	-	-
Orange	248	244	98.4	3	1.2
Pasadena	12	11	91.7	-	-
Placer	12	11	91.7	-	-
Riverside	75	70	93.3	-	-
Sacramento	153	147	96.1	2	1.4
San Bernardino	67	66	98.5	1	1.5
San Diego	316	305	96.5	9	3.0
San Francisco	162	159	98.1	7	4.4
San Joaquin	69	69	100.0	6	8.7
San Luis Obispo	8	7	87.5	1	14.3
San Mateo	52	52	100.0	-	-
Santa Barbara	37	36	97.3	-	-
Santa Clara	226	219	96.9	1	0.5
Santa Cruz	9	8	88.9	-	-
Shasta	8	7	87.5	2	28.6
Solano	30	30	100.0	-	-
Sonoma	15	13	86.7	-	-
Stanislaus	17	17	100.0	-	-
Sutter	5	5	100.0	-	-
Tulare	16	16	100.0	1	6.3
Ventura	74	74	100.0	-	-
Yolo	12	11	91.7	1	9.1
All Other Jurisdictions**	21	17	81.0	-	-

\*Injecting drug use within past 12 months.

- Indicates zero cases or zero percent.

\*\* Reporting jurisdictions with fewer than 5 cases.

**Table 34. Tuberculosis Cases Among Persons Using Non-injecting Drugs\*: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Cases with Information On Non-injecting Drug Use		Cases with Non-injecting Drug Use**	
		No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>3,105</b>	<b>96.2</b>	<b>196</b>	<b>6.3</b>
Alameda	175	170	97.1	6	3.5
Berkeley	5	5	100.0	-	-
Butte	6	4	66.7	-	-
Contra Costa	82	79	96.3	8	10.1
Fresno	115	107	93.0	8	7.5
Imperial	25	25	100.0	3	12.0
Kern	47	47	100.0	3	6.4
Long Beach	65	64	98.5	4	6.3
Los Angeles	950	905	95.3	63	7.0
Madera	14	14	100.0	2	14.3
Marin	17	17	100.0	1	5.9
Mendocino	6	5	83.3	-	-
Merced	16	14	87.5	2	14.3
Monterey	54	51	94.4	2	3.9
Napa	6	6	100.0	-	-
Orange	248	244	98.4	7	2.9
Pasadena	12	11	91.7	-	-
Placer	12	11	91.7	1	9.1
Riverside	75	68	90.7	-	-
Sacramento	153	147	96.1	8	5.4
San Bernardino	67	65	97.0	3	4.6
San Diego	316	306	96.8	31	10.1
San Francisco	162	159	98.1	16	10.1
San Joaquin	69	69	100.0	11	15.9
San Luis Obispo	8	8	100.0	2	25.0
San Mateo	52	51	98.1	-	-
Santa Barbara	37	36	97.3	-	-
Santa Clara	226	219	96.9	2	0.9
Santa Cruz	9	8	88.9	2	25.0
Shasta	8	7	87.5	2	28.6
Solano	30	30	100.0	-	-
Sonoma	15	12	80.0	-	-
Stanislaus	17	17	100.0	1	5.9
Sutter	5	5	100.0	-	-
Tulare	16	16	100.0	2	12.5
Ventura	74	74	100.0	3	4.1
Yolo	12	11	91.7	1	9.1
All Other Jurisdictions***	21	18	85.7	2	11.1

\*Non-injecting drug use within past 12 months.

\*\* Percentage not reported when information is available for less than 75% of cases.

- Indicates zero cases or zero percent.

\*\*\*Reporting jurisdictions with fewer than 5 cases.

**Table 35. Tuberculosis Cases Among Persons Using Excess Alcohol\*: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Cases with Information On Excess Alcohol Use		Cases with Excess Alcohol Use	
		No.	%	No.	%
<b>California</b>	<b>3,227</b>	<b>3,124</b>	<b>96.8</b>	<b>346</b>	<b>11.1</b>
Alameda	175	173	98.9	11	6.4
Berkeley	5	5	100.0	-	-
Butte	6	5	83.3	1	20.0
Contra Costa	82	79	96.3	2	2.5
Fresno	115	105	91.3	12	11.4
Imperial	25	25	100.0	7	28.0
Kern	47	47	100.0	7	14.9
Long Beach	65	65	100.0	8	12.3
Los Angeles	950	907	95.5	101	11.1
Madera	14	14	100.0	-	-
Marin	17	16	94.1	2	12.5
Mendocino	6	6	100.0	-	-
Merced	16	14	87.5	3	21.4
Monterey	54	53	98.1	3	5.7
Napa	6	6	100.0	1	16.7
Orange	248	244	98.4	11	4.5
Pasadena	12	11	91.7	1	9.1
Placer	12	11	91.7	3	27.3
Riverside	75	70	93.3	7	10.0
Sacramento	153	148	96.7	22	14.9
San Bernardino	67	66	98.5	9	13.6
San Diego	316	308	97.5	46	14.9
San Francisco	162	159	98.1	22	13.8
San Joaquin	69	69	100.0	19	27.5
San Luis Obispo	8	8	100.0	3	37.5
San Mateo	52	52	100.0	3	5.8
Santa Barbara	37	36	97.3	3	8.3
Santa Clara	226	219	96.9	7	3.2
Santa Cruz	9	9	100.0	3	33.3
Shasta	8	7	87.5	3	42.9
Solano	30	30	100.0	1	3.3
Sonoma	15	14	93.3	3	21.4
Stanislaus	17	17	100.0	2	11.8
Sutter	5	5	100.0	-	-
Tulare	16	16	100.0	2	12.5
Ventura	74	74	100.0	13	17.6
Yolo	12	11	91.7	3	27.3
All Other Jurisdictions**	21	20	95.2	2	10.0

\*Excess alcohol use within the past 12 months.

-Indicates zero cases or zero percent.

\*\*Reporting jurisdictions with fewer than 5 cases.



**Table 36. Tuberculosis Cases by Occupation\*: Reporting Jurisdictions in California, 2003**

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.	%
<b>California</b>	<b>3,227</b>	<b>3,107</b>	<b>96.3</b>	<b>1,929</b>	<b>62.1</b>	<b>78</b>	<b>2.5</b>	<b>2</b>	<b>0.1</b>	<b>55</b>	<b>1.8</b>	<b>1,045</b>	<b>33.6</b>
Alameda	175	175	100.0	94	53.7	6	3.4	-	-	-	-	75	42.9
Berkeley	5	5	100.0	2	40.0	-	-	-	-	-	-	3	60.0
Butte	6	6	100.0	3	50.0	-	-	-	-	-	-	3	50.0
Contra Costa	82	75	91.5	53	70.7	3	4.0	-	-	-	-	19	25.3
Fresno	115	104	90.4	77	74.0	1	1.0	-	-	8	7.7	18	17.3
Imperial	25	24	96.0	7	29.2	-	-	-	-	6	25.0	11	45.8
Kern	47	47	100.0	28	59.6	2	4.3	-	-	2	4.3	16	34.0
Long Beach	65	64	98.5	40	62.5	2	3.1	-	-	-	-	22	34.4
Los Angeles	950	920	96.8	640	69.6	20	2.2	1	0.1	2	0.2	257	27.9
Madera	14	14	100.0	5	35.7	-	-	-	-	5	35.7	4	28.6
Marin	17	16	94.1	3	18.8	2	12.5	-	-	-	-	11	68.8
Mendocino	6	5	83.3	1	20.0	-	-	-	-	-	-	4	80.0
Merced	16	14	87.5	5	35.7	-	-	-	-	2	14.3	7	50.0
Monterey	54	54	100.0	25	46.3	2	3.7	-	-	7	13.0	20	37.0
Napa	6	6	100.0	1	16.7	-	-	-	-	1	16.7	5	83.3
Orange	248	241	97.2	131	54.4	7	2.9	-	-	-	-	103	42.7
Pasadena	12	12	100.0	7	58.3	-	-	-	-	-	-	5	41.7
Placer	12	10	83.3	2	20.0	1	10.0	-	-	-	-	7	70.0
Riverside	75	62	82.7	42	67.7	1	1.6	-	-	1	1.6	18	29.0
Sacramento	153	147	96.1	112	76.2	1	0.7	-	-	-	-	34	23.1
San Bernardino	67	65	97.0	41	63.1	2	3.1	1	1.5	-	-	21	32.3
San Diego	316	307	97.2	162	52.8	5	1.6	-	-	1	0.3	139	45.3
San Francisco	162	162	100.0	112	69.1	3	1.9	-	-	-	-	47	29.0
San Joaquin	69	69	100.0	37	53.6	5	7.2	-	-	6	8.7	21	30.4
San Luis Obispo	8	6	75.0	4	66.7	-	-	-	-	1	16.7	1	16.7
San Mateo	52	51	98.1	24	47.1	4	7.8	-	-	-	-	23	45.1
Santa Barbara	37	34	91.9	25	73.5	-	-	-	-	3	8.8	6	17.6
Santa Clara	226	214	94.7	120	56.1	6	2.8	-	-	-	-	88	41.1
Santa Cruz	9	9	100.0	5	55.6	-	-	-	-	-	-	4	44.4
Shasta	8	8	100.0	4	50.0	-	-	-	-	-	-	4	50.0
Solano	30	30	100.0	23	76.7	1	3.3	-	-	-	-	6	20.0
Sonoma	15	11	73.3	3	-	-	-	-	-	2	-	6	-
Stanislaus	17	17	100.0	11	64.7	-	-	-	-	-	-	6	35.3
Sutter	5	4	80.0	3	75.0	-	-	-	-	1	25.0	-	-
Tulare	16	16	100.0	11	68.8	1	6.3	-	-	1	6.3	3	18.8
Ventura	74	73	98.6	50	68.5	-	-	-	-	4	5.5	19	26.0
Yolo	12	12	100.0	7	58.3	-	-	-	-	1	8.3	4	33.3
All Other Jurisdictions***	21	18	85.7	9	50.0	3	16.7	-	-	1	5.6	5	27.8

\* Occupation within past 24 months.

\*\* Percentage not reported when information is available for less than 75% of cases. A case may report more than one occupation.

-Indicates zero cases or zero percent.

\*\*\*Reporting jurisdictions with fewer than 5 cases.

**Table 37. Tuberculosis Cases by Initial Drug Susceptibility Testing: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Cases	Total Culture Positive Cases	Cases with Initial Drug Susceptibility Testing	
			No.	%
<b>California</b>	<b>3,227</b>	<b>2,497</b>	<b>2,343</b>	<b>93.8</b>
Alameda	175	135	131	97.0
Alpine	-	-	-	-
Amador	-	-	-	-
Berkeley	5	4	4	100.0
Butte	6	6	5	83.3
Calaveras	-	-	-	-
Colusa	1	1	1	100.0
Contra Costa	82	60	59	98.3
Del Norte	1	1	-	-
El Dorado	-	-	-	-
Fresno	115	51	47	92.2
Glenn	3	3	3	100.0
Humboldt	2	1	1	100.0
Imperial	25	24	21	87.5
Inyo	1	1	-	-
Kern	47	40	38	95.0
Kings	3	3	3	100.0
Lake	1	1	-	-
Lassen	-	-	-	-
Long Beach	65	47	44	93.6
Los Angeles	950	764	751	98.3
Madera	14	10	9	90.0
Marin	17	8	6	75.0
Mariposa	-	-	-	-
Mendocino	6	5	5	100.0
Merced	16	15	12	80.0
Modoc	-	-	-	-
Mono	-	-	-	-
Monterey	54	37	37	100.0
Napa	6	5	5	100.0
Nevada	1	1	1	100.0
Orange	248	211	195	92.4
Pasadena	12	9	8	88.9
Placer	12	9	8	88.9
Plumas	-	-	-	-
Riverside	75	60	45	75.0
Sacramento	153	89	89	100.0
San Benito	2	-	-	-
San Bernardino	67	57	53	93.0
San Diego	316	258	240	93.0
San Francisco	162	139	139	100.0
San Joaquin	69	54	53	98.1
San Luis Obispo	8	6	6	100.0
San Mateo	52	47	47	100.0
Santa Barbara	37	31	31	100.0
Santa Clara	226	176	159	90.3
Santa Cruz	9	7	7	100.0
Shasta	8	8	8	100.0
Sierra	-	-	-	-
Siskiyou	-	-	-	-
Solano	30	17	1	5.9
Sonoma	15	11	11	100.0
Stanislaus	17	13	12	92.3
Sutter	5	5	5	100.0
Tehama	3	1	1	100.0
Trinity	-	-	-	-
Tulare	16	12	9	75.0
Tuolumne	-	-	-	-
Ventura	74	40	19	47.5
Yolo	12	11	11	100.0
Yuba	3	3	3	100.0

-Indicates zero cases or zero percent.

**Table 38. Tuberculosis Cases by Resistance to Isoniazid and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

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.	%	
<b>California</b>	<b>2,497</b>	<b>2,337</b>	<b>238</b>	<b>10.2</b>	<b>2,174</b>	<b>212</b>	<b>9.8</b>	<b>137</b>	<b>22</b>	<b>16.1</b>	
Alameda	135	130	24	18.5	115	20	17.4	9	3	33.3	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	4	4	2	50.0	4	2	50.0	-	-	-	
Butte	6	5	-	-	5	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	
Colusa	1	1	-	-	1	-	-	-	-	-	
Contra Costa	60	58	2	3.4	54	2	3.7	4	-	-	
Del Norte	1	-	-	-	-	-	-	-	-	-	
El Dorado	-	-	-	-	-	-	-	-	-	-	
Fresno	51	47	4	8.5	44	3	6.8	2	1	50.0	
Glenn	3	3	-	-	3	-	-	-	-	-	
Humboldt	1	1	-	-	1	-	-	-	-	-	
Imperial	24	21	2	9.5	20	2	10.0	1	-	-	
Inyo	1	-	-	-	-	-	-	-	-	-	
Kern	40	38	3	7.9	35	2	5.7	2	-	-	
Kings	3	3	1	33.3	3	1	33.3	-	-	-	
Lake	1	-	-	-	-	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	47	44	2	4.5	40	1	2.5	3	1	33.3	
Los Angeles	764	747	82	11.0	706	77	10.9	39	4	10.3	
Madera	10	9	-	-	9	-	-	-	-	-	
Marin	8	6	2	33.3	6	2	33.3	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	5	5	1	20.0	5	1	20.0	-	-	-	
Merced	15	12	2	16.7	11	2	18.2	1	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	37	37	2	5.4	37	2	5.4	-	-	-	
Napa	5	5	-	-	4	-	-	-	-	-	
Nevada	1	1	1	100.0	1	1	100.0	-	-	-	
Orange	211	195	18	9.2	175	17	9.7	18	1	5.6	
Pasadena	9	8	-	-	8	-	-	-	-	-	
Placer	9	8	-	-	6	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	45	2	4.4	42	2	4.8	1	-	-	
Sacramento	89	89	10	11.2	84	9	10.7	5	1	20.0	
San Benito	-	-	-	-	-	-	-	-	-	-	
San Bernardino	57	53	4	7.5	49	4	8.2	3	-	-	
San Diego	258	240	20	8.3	220	17	7.7	17	3	17.6	
San Francisco	139	139	12	8.6	124	10	8.1	15	2	13.3	
San Joaquin	54	53	5	9.4	53	5	9.4	-	-	-	
San Luis Obispo	6	6	-	-	5	-	-	-	-	-	
San Mateo	47	47	7	14.9	42	5	11.9	4	2	50.0	
Santa Barbara	31	31	3	9.7	30	3	10.0	1	-	-	
Santa Clara	176	159	19	11.9	148	17	11.5	9	1	11.1	
Santa Cruz	7	7	-	-	7	-	-	-	-	-	
Shasta	8	8	2	25.0	8	2	25.0	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	17	1	-	-	1	-	-	-	-	-	
Sonoma	11	11	1	9.1	10	-	-	1	1	100.0	
Stanislaus	13	12	2	16.7	11	1	9.1	1	1	100.0	
Sutter	5	5	1	20.0	5	1	20.0	-	-	-	
Tehama	1	1	-	-	1	-	-	-	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	12	9	-	-	9	-	-	-	-	-	
Tuolumne	-	-	-	-	-	-	-	-	-	-	
Ventura	40	19	-	-	19	-	-	-	-	-	
Yolo	11	11	1	9.1	10	-	-	1	1	100.0	
Yuba	3	3	1	33.3	3	1	33.3	-	-	-	

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

\*\* INH=isoniazid

- Indicates zero cases or zero percent.

**Table 39. Tuberculosis Cases by Resistance to Rifampin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

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.	%
<b>California</b>	<b>2,497</b>	<b>2,340</b>	<b>38</b>	<b>1.6</b>	<b>2,177</b>	<b>25</b>	<b>1.1</b>	<b>137</b>	<b>11</b>	<b>8.0</b>
Alameda	135	131	1	0.8	116	1	0.9	9	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	4	4	-	-	4	-	-	-	-	-
Butte	6	5	-	-	5	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	1	1	-	-	1	-	-	-	-	-
Contra Costa	60	58	-	-	54	-	-	4	-	-
Del Norte	1	-	-	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-	-	-	-
Fresno	51	47	-	-	44	-	-	2	-	-
Glenn	3	3	-	-	3	-	-	-	-	-
Humboldt	1	1	-	-	1	-	-	-	-	-
Imperial	24	21	-	-	20	-	-	1	-	-
Inyo	1	-	-	-	-	-	-	-	-	-
Kern	40	38	1	2.6	35	-	-	2	-	-
Kings	3	3	-	-	3	-	-	-	-	-
Lake	1	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	47	44	1	2.3	40	-	-	3	1	33.3
Los Angeles	764	750	11	1.5	709	7	1.0	39	3	7.7
Madera	10	9	-	-	9	-	-	-	-	-
Marin	8	6	-	-	6	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	5	5	1	20.0	5	1	20.0	-	-	-
Merced	15	12	1	8.3	11	1	9.1	1	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	37	37	-	-	37	-	-	-	-	-
Napa	5	5	-	-	4	-	-	-	-	-
Nevada	1	1	-	-	1	-	-	-	-	-
Orange	211	195	4	2.1	175	3	1.7	18	1	5.6
Pasadena	9	8	-	-	8	-	-	-	-	-
Placer	9	8	-	-	6	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	60	45	2	4.4	42	2	4.8	1	-	-
Sacramento	89	89	1	1.1	84	1	1.2	5	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	57	52	-	-	48	-	-	3	-	-
San Diego	258	240	5	2.1	220	3	1.4	17	2	11.8
San Francisco	139	139	3	2.2	124	1	0.8	15	2	13.3
San Joaquin	54	53	1	1.9	53	1	1.9	-	-	-
San Luis Obispo	6	6	-	-	5	-	-	-	-	-
San Mateo	47	47	-	-	42	-	-	4	-	-
Santa Barbara	31	31	-	-	30	-	-	1	-	-
Santa Clara	176	159	1	0.6	148	1	0.7	9	-	-
Santa Cruz	7	7	-	-	7	-	-	-	-	-
Shasta	8	8	1	12.5	8	1	12.5	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	17	1	-	-	1	-	-	-	-	-
Sonoma	11	11	1	9.1	10	-	-	1	1	100.0
Stanislaus	13	12	1	8.3	11	1	9.1	1	-	-
Sutter	5	5	-	-	5	-	-	-	-	-
Tehama	1	1	-	-	1	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	12	9	-	-	9	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	40	19	-	-	19	-	-	-	-	-
Yolo	11	11	1	9.1	10	-	-	1	1	100.0
Yuba	3	3	1	33.3	3	1	33.3	-	-	-

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

\*\*RIF=rifampin

- Indicates zero cases or zero percent.

**Table 40. Tuberculosis Cases by Resistance to Ethambutol and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

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.	%	
<b>California</b>	<b>2,497</b>	<b>2,333</b>	<b>35</b>	<b>1.5</b>	<b>2,170</b>	<b>31</b>	<b>1.4</b>	<b>137</b>	<b>4</b>	<b>2.9</b>	
Alameda	135	131	1	0.8	116	1	0.9	9	-	-	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	4	4	-	-	4	-	-	-	-	-	
Butte	6	5	-	-	5	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	
Colusa	1	1	-	-	1	-	-	-	-	-	
Contra Costa	60	58	-	-	54	-	-	4	-	-	
Del Norte	1	-	-	-	-	-	-	-	-	-	
El Dorado	-	-	-	-	-	-	-	-	-	-	
Fresno	51	47	-	-	44	-	-	2	-	-	
Glenn	3	3	-	-	3	-	-	-	-	-	
Humboldt	1	1	-	-	1	-	-	-	-	-	
Imperial	24	21	-	-	20	-	-	1	-	-	
Inyo	1	-	-	-	-	-	-	-	-	-	
Kern	40	35	-	-	32	-	-	2	-	-	
Kings	3	3	-	-	3	-	-	-	-	-	
Lake	1	-	-	-	-	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	47	43	-	-	39	-	-	3	-	-	
Los Angeles	764	746	13	1.7	705	13	1.8	39	-	-	
Madera	10	9	-	-	9	-	-	-	-	-	
Marin	8	6	-	-	6	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	5	5	1	20.0	5	1	20.0	-	-	-	
Merced	15	12	1	8.3	11	1	9.1	1	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	37	37	1	2.7	37	1	2.7	-	-	-	
Napa	5	5	-	-	4	-	-	-	-	-	
Nevada	1	1	-	-	1	-	-	-	-	-	
Orange	211	195	3	1.5	175	2	1.1	18	1	5.6	
Pasadena	9	8	-	-	8	-	-	-	-	-	
Placer	9	8	-	-	6	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	45	-	-	42	-	-	1	-	-	
Sacramento	89	89	2	2.2	84	2	2.4	5	-	-	
San Benito	-	-	-	-	-	-	-	-	-	-	
San Bernardino	57	53	-	-	49	-	-	3	-	-	
San Diego	258	240	5	2.1	220	3	1.4	17	2	11.8	
San Francisco	139	139	2	1.4	124	2	1.6	15	-	-	
San Joaquin	54	53	1	1.9	53	1	1.9	-	-	-	
San Luis Obispo	6	6	-	-	5	-	-	-	-	-	
San Mateo	47	47	-	-	42	-	-	4	-	-	
Santa Barbara	31	31	-	-	30	-	-	1	-	-	
Santa Clara	176	159	1	0.6	148	1	0.7	9	-	-	
Santa Cruz	7	7	-	-	7	-	-	-	-	-	
Shasta	8	8	1	12.5	8	1	12.5	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	17	1	-	-	1	-	-	-	-	-	
Sonoma	11	11	-	-	10	-	-	1	-	-	
Stanislaus	13	12	1	8.3	11	1	9.1	1	-	-	
Sutter	5	5	-	-	5	-	-	-	-	-	
Tehama	1	1	-	-	1	-	-	-	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	12	9	-	-	9	-	-	-	-	-	
Tuolumne	-	-	-	-	-	-	-	-	-	-	
Ventura	40	19	-	-	19	-	-	-	-	-	
Yolo	11	11	1	9.1	10	-	-	1	1	100.0	
Yuba	3	3	1	33.3	3	1	33.3	-	-	-	

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

\*\*EMB=ethambutol

- Indicates zero cases or zero percent.

**Table 41. Tuberculosis Cases by Resistance to Pyrazinamide and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

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.	%
<b>California</b>	<b>2,497</b>	<b>2,288</b>	<b>94</b>	<b>4.1</b>	<b>2,126</b>	<b>86</b>	<b>4.0</b>	<b>136</b>	<b>7</b>	<b>5.1</b>
Alameda	135	124	4	3.2	109	3	2.8	9	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	4	4	-	-	4	-	-	-	-	-
Butte	6	5	-	-	5	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	1	1	-	-	1	-	-	-	-	-
Contra Costa	60	56	1	1.8	52	1	1.9	4	-	-
Del Norte	1	-	-	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-	-	-	-
Fresno	51	47	2	4.3	44	2	4.5	2	-	-
Glenn	3	3	-	-	3	-	-	-	-	-
Humboldt	1	1	-	-	1	-	-	-	-	-
Imperial	24	21	1	4.8	20	1	5.0	1	-	-
Inyo	1	-	-	-	-	-	-	-	-	-
Kern	40	26	2	7.7	23	1	4.3	2	1	50.0
Kings	3	3	-	-	3	-	-	-	-	-
Lake	1	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	47	44	-	-	40	-	-	3	-	-
Los Angeles	764	739	30	4.1	698	27	3.9	39	3	7.7
Madera	10	5	-	-	5	-	-	-	-	-
Marin	8	6	-	-	6	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	5	5	-	-	5	-	-	-	-	-
Merced	15	12	-	-	11	-	-	1	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	37	37	3	8.1	37	3	8.1	-	-	-
Napa	5	5	-	-	4	-	-	-	-	-
Nevada	1	1	-	-	1	-	-	-	-	-
Orange	211	194	8	4.1	175	8	4.6	17	-	-
Pasadena	9	8	1	12.5	8	1	12.5	-	-	-
Placer	9	8	-	-	6	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	60	43	2	4.7	40	2	5.0	1	-	-
Sacramento	89	88	1	1.1	83	1	1.2	5	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	57	51	2	3.9	47	2	4.3	3	-	-
San Diego	258	239	28	11.7	219	26	11.9	17	2	11.8
San Francisco	139	138	2	1.4	123	1	0.8	15	1	6.7
San Joaquin	54	52	1	1.9	52	1	1.9	-	-	-
San Luis Obispo	6	6	-	-	5	-	-	-	-	-
San Mateo	47	47	-	-	42	-	-	4	-	-
Santa Barbara	31	31	-	-	30	-	-	1	-	-
Santa Clara	176	157	4	2.5	146	4	2.7	9	-	-
Santa Cruz	7	7	-	-	7	-	-	-	-	-
Shasta	8	8	-	-	8	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	17	1	-	-	1	-	-	-	-	-
Sonoma	11	11	-	-	10	-	-	1	-	-
Stanislaus	13	12	1	8.3	11	1	9.1	1	-	-
Sutter	5	5	-	-	5	-	-	-	-	-
Tehama	1	1	-	-	1	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	12	9	-	-	9	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	40	13	-	-	13	-	-	-	-	-
Yolo	11	11	1	9.1	10	1	10.0	1	-	-
Yuba	3	3	-	-	3	-	-	-	-	-

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

\*\*PZA=pyrazinamide

- Indicates zero cases or zero percent.

**Table 42. Tuberculosis Cases by Resistance to Streptomycin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

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.	%	
<b>California</b>	<b>2,497</b>	<b>1,909</b>	<b>201</b>	<b>10.5</b>	<b>1,775</b>	<b>183</b>	<b>10.3</b>	<b>117</b>	<b>16</b>	<b>13.7</b>	
Alameda	135	101	20	19.8	90	18	20.0	7	2	28.6	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	4	3	1	33.3	3	1	33.3	-	-	-	
Butte	6	2	-	-	2	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	
Colusa	1	-	-	-	-	-	-	-	-	-	
Contra Costa	60	45	2	4.4	42	2	4.8	3	-	-	
Del Norte	1	-	-	-	-	-	-	-	-	-	
El Dorado	-	-	-	-	-	-	-	-	-	-	
Fresno	51	46	5	10.9	43	4	9.3	2	1	50.0	
Glenn	3	3	-	-	3	-	-	-	-	-	
Humboldt	1	-	-	-	-	-	-	-	-	-	
Imperial	24	19	2	10.5	18	2	11.1	1	-	-	
Inyo	1	-	-	-	-	-	-	-	-	-	
Kern	40	22	2	9.1	21	2	9.5	-	-	-	
Kings	3	1	-	-	1	-	-	-	-	-	
Lake	1	-	-	-	-	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	47	41	2	4.9	37	2	5.4	3	-	-	
Los Angeles	764	743	79	10.6	702	75	10.7	39	4	10.3	
Madera	10	9	-	-	9	-	-	-	-	-	
Marin	8	-	-	-	-	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	5	1	1	100.0	1	1	100.0	-	-	-	
Merced	15	6	2	33.3	5	2	40.0	1	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	37	3	-	-	3	-	-	-	-	-	
Napa	5	1	-	-	1	-	-	-	-	-	
Nevada	1	1	-	-	1	-	-	-	-	-	
Orange	211	194	14	7.2	174	13	7.5	18	-	-	
Pasadena	9	3	-	-	3	-	-	-	-	-	
Placer	9	5	-	-	4	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	45	2	4.4	42	2	4.8	1	-	-	
Sacramento	89	61	8	13.1	56	6	10.7	5	2	40.0	
San Benito	-	-	-	-	-	-	-	-	-	-	
San Bernardino	57	50	3	6.0	46	3	6.5	3	-	-	
San Diego	258	85	12	14.1	80	10	12.5	5	2	40.0	
San Francisco	139	129	10	7.8	114	8	7.0	15	2	13.3	
San Joaquin	54	49	5	10.2	49	5	10.2	-	-	-	
San Luis Obispo	6	1	-	-	1	-	-	-	-	-	
San Mateo	47	39	4	10.3	34	2	5.9	4	2	50.0	
Santa Barbara	31	30	1	3.3	29	1	3.4	1	-	-	
Santa Clara	176	116	19	16.4	107	18	16.8	8	-	-	
Santa Cruz	7	6	-	-	6	-	-	-	-	-	
Shasta	8	5	1	20.0	5	1	20.0	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	17	-	-	-	-	-	-	-	-	-	
Sonoma	11	-	-	-	-	-	-	-	-	-	
Stanislaus	13	5	1	20.0	5	1	20.0	-	-	-	
Sutter	5	5	-	-	5	-	-	-	-	-	
Tehama	1	-	-	-	-	-	-	-	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	12	8	1	12.5	8	1	12.5	-	-	-	
Tuolumne	-	-	-	-	-	-	-	-	-	-	
Ventura	40	19	2	10.5	19	2	10.5	-	-	-	
Yolo	11	4	1	25.0	3	-	-	1	1	100.0	
Yuba	3	3	1	33.3	3	1	33.3	-	-	-	

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

\*\*SM=streptomycin

- Indicates zero cases or zero percent.

**Table 43. Tuberculosis Cases by Resistance to Isoniazid and Rifampin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	All Cases*				No Prior TB			Prior TB		
	Total Culture Positive Cases	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.	%
<b>California</b>	<b>2,497</b>	<b>2,336</b>	<b>33</b>	<b>1.4</b>	<b>2,173</b>	<b>23</b>	<b>1.1</b>	<b>137</b>	<b>8</b>	<b>5.8</b>
Alameda	135	130	1	0.8	115	1	0.9	9	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	4	4	-	-	4	-	-	-	-	-
Butte	6	5	-	-	5	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	1	1	-	-	1	-	-	-	-	-
Contra Costa	60	58	-	-	54	-	-	4	-	-
Del Norte	1	-	-	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-	-	-	-
Fresno	51	47	-	-	44	-	-	2	-	-
Glenn	3	3	-	-	3	-	-	-	-	-
Humboldt	1	1	-	-	1	-	-	-	-	-
Imperial	24	21	-	-	20	-	-	1	-	-
Inyo	1	-	-	-	-	-	-	-	-	-
Kern	40	38	1	2.6	35	-	-	2	-	-
Kings	3	3	-	-	3	-	-	-	-	-
Lake	1	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	47	44	1	2.3	40	-	-	3	1	33.3
Los Angeles	764	747	10	1.3	706	7	1.0	39	2	5.1
Madera	10	9	-	-	9	-	-	-	-	-
Marin	8	6	-	-	6	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	5	5	1	20.0	5	1	20.0	-	-	-
Merced	15	12	1	8.3	11	1	9.1	1	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	37	37	-	-	37	-	-	-	-	-
Napa	5	5	-	-	4	-	-	-	-	-
Nevada	1	1	-	-	1	-	-	-	-	-
Orange	211	195	3	1.5	175	3	1.7	18	-	-
Pasadena	9	8	-	-	8	-	-	-	-	-
Placer	9	8	-	-	6	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	60	45	-	-	42	-	-	1	-	-
Sacramento	89	89	1	1.1	84	1	1.2	5	-	-
San Benito	-	-	-	-	-	-	-	-	-	-
San Bernardino	57	52	-	-	48	-	-	3	-	-
San Diego	258	240	5	2.1	220	3	1.4	17	2	11.8
San Francisco	139	139	2	1.4	124	1	0.8	15	1	6.7
San Joaquin	54	53	1	1.9	53	1	1.9	-	-	-
San Luis Obispo	6	6	-	-	5	-	-	-	-	-
San Mateo	47	47	-	-	42	-	-	4	-	-
Santa Barbara	31	31	-	-	30	-	-	1	-	-
Santa Clara	176	159	1	0.6	148	1	0.7	9	-	-
Santa Cruz	7	7	-	-	7	-	-	-	-	-
Shasta	8	8	1	12.5	8	1	12.5	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	17	1	-	-	1	-	-	-	-	-
Sonoma	11	11	1	9.1	10	-	-	1	1	100.0
Stanislaus	13	12	1	8.3	11	1	9.1	1	-	-
Sutter	5	5	-	-	5	-	-	-	-	-
Tehama	1	1	-	-	1	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	12	9	-	-	9	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	40	19	-	-	19	-	-	-	-	-
Yolo	11	11	1	9.1	10	-	-	1	1	100.0
Yuba	3	3	1	33.3	3	1	33.3	-	-	-

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

\*\*INH=isoniazid, RIF=rifampin

- Indicates zero cases or zero percent.



**Table 44. Tuberculosis Cases by Resistance to at Least One First-line Drug\* and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2003**

Reporting Jurisdiction	Total Culture Positive Cases	All Cases**				No Prior TB			Prior TB		
		No. with Susceptibility Testing	Cases with Resistance to $\geq$ One Drug		No. with Susceptibility Testing	Cases with Resistance to $\geq$ One Drug		No. with Susceptibility Testing	Cases with Resistance to $\geq$ One Drug		
			No.	%		No.	%		No.	%	
<b>California</b>	<b>2,497</b>	<b>2,341</b>	<b>322</b>	<b>13.8</b>	<b>2,178</b>	<b>289</b>	<b>13.3</b>	<b>137</b>	<b>28</b>	<b>20.4</b>	
Alameda	135	131	26	19.8	116	21	18.1	9	3	33.3	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	4	4	2	50.0	4	2	50.0	-	-	-	
Butte	6	5	-	-	5	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	
Colusa	1	1	-	-	1	-	-	-	-	-	
Contra Costa	60	58	3	5.2	54	3	5.6	4	-	-	
Del Norte	1	-	-	-	-	-	-	-	-	-	
El Dorado	-	-	-	-	-	-	-	-	-	-	
Fresno	51	47	6	12.8	44	5	11.4	2	1	50.0	
Glenn	3	3	-	-	3	-	-	-	-	-	
Humboldt	1	1	-	-	1	-	-	-	-	-	
Imperial	24	21	3	14.3	20	3	15.0	1	-	-	
Inyo	1	-	-	-	-	-	-	-	-	-	
Kern	40	38	4	10.5	35	2	5.7	2	1	50.0	
Kings	3	3	1	33.3	3	1	33.3	-	-	-	
Lake	1	-	-	-	-	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	47	44	2	4.5	40	1	2.5	3	1	33.3	
Los Angeles	764	750	112	14.9	709	105	14.8	39	6	15.4	
Madera	10	9	-	-	9	-	-	-	-	-	
Marin	8	6	2	33.3	6	2	33.3	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	5	5	1	20.0	5	1	20.0	-	-	-	
Merced	15	12	2	16.7	11	2	18.2	1	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	37	37	5	13.5	37	5	13.5	-	-	-	
Napa	5	5	-	-	4	-	-	-	-	-	
Nevada	1	1	1	100.0	1	1	100.0	-	-	-	
Orange	211	195	24	12.3	175	22	12.6	18	2	11.1	
Pasadena	9	8	1	12.5	8	1	12.5	-	-	-	
Placer	9	8	-	-	6	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	45	5	11.1	42	5	11.9	1	-	-	
Sacramento	89	89	12	13.5	84	11	13.1	5	1	20.0	
San Benito	-	-	-	-	-	-	-	-	-	-	
San Bernardino	57	53	6	11.3	49	6	12.2	3	-	-	
San Diego	258	240	46	19.2	220	42	19.1	17	4	23.5	
San Francisco	139	139	13	9.4	124	10	8.1	15	3	20.0	
San Joaquin	54	53	6	11.3	53	6	11.3	-	-	-	
San Luis Obispo	6	6	-	-	5	-	-	-	-	-	
San Mateo	47	47	7	14.9	42	5	11.9	4	2	50.0	
Santa Barbara	31	31	3	9.7	30	3	10.0	1	-	-	
Santa Clara	176	159	20	12.6	148	18	12.2	9	1	11.1	
Santa Cruz	7	7	-	-	7	-	-	-	-	-	
Shasta	8	8	2	25.0	8	2	25.0	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	17	1	-	-	1	-	-	-	-	-	
Sonoma	11	11	1	9.1	10	-	-	1	1	100.0	
Stanislaus	13	12	2	16.7	11	1	9.1	1	1	100.0	
Sutter	5	5	1	20.0	5	1	20.0	-	-	-	
Tehama	1	1	-	-	1	-	-	-	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	12	9	-	-	9	-	-	-	-	-	
Tuolumne	-	-	-	-	-	-	-	-	-	-	
Ventura	40	19	-	-	19	-	-	-	-	-	
Yolo	11	11	2	18.2	10	1	10.0	1	1	100.0	
Yuba	3	3	1	33.3	3	1	33.3	-	-	-	

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

\*\*Sum of cases with prior TB and without prior TB does 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, 1997-2003**

Reporting Jurisdiction	1997			1998			1999			2000			2001			2002			2003*		
	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.	%
<b>California</b>	<b>3,072</b>	<b>315</b>	<b>10.3</b>	<b>2,948</b>	<b>346</b>	<b>11.7</b>	<b>2,681</b>	<b>286</b>	<b>10.7</b>	<b>2,521</b>	<b>259</b>	<b>10.3</b>	<b>2,571</b>	<b>232</b>	<b>9.0</b>	<b>2,379</b>	<b>257</b>	<b>10.8</b>	<b>2,337</b>	<b>238</b>	<b>10.2</b>
Alameda	157	13	8.3	180	24	13.3	146	17	11.6	179	15	8.4	154	9	5.8	133	19	14.3	130	24	18.5
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	10	-	-	5	-	-	14	1	7.1	4	-	-	11	-	-	9	1	11.1	4	2	50.0
Butte	8	-	-	4	1	25.0	3	-	-	3	1	33.3	4	-	-	1	-	-	5	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Colusa	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-
Contra Costa	70	6	8.6	77	10	13.0	65	10	15.4	55	4	7.3	74	5	6.8	49	5	10.2	58	2	3.4
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	3	-	-	3	-	-	1	-	-	3	-	-	5	-	-	3	-	-	-	-	-
Fresno	74	10	13.5	70	15	21.4	54	9	16.7	55	7	12.7	61	8	13.1	41	2	4.9	47	4	8.5
Glenn	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Humboldt	3	-	-	8	3	37.5	5	-	-	4	-	-	6	1	16.7	3	-	-	1	-	-
Imperial	34	3	8.8	28	-	-	25	2	8.0	25	3	12.0	23	2	8.7	23	5	21.7	21	2	9.5
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Kern	52	2	3.8	44	1	2.3	51	2	3.9	36	2	5.6	39	2	5.1	43	6	14.0	38	3	7.9
Kings	4	1	25.0	12	-	-	8	-	-	8	1	12.5	7	-	-	4	-	-	3	1	33.3
Lake	1	1	100.0	2	-	-	1	-	-	2	-	-	2	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	67	6	9.0	40	5	12.5	72	5	6.9	50	2	4.0	46	5	10.9	39	1	2.6	44	2	4.5
Los Angeles	1,013	99	9.8	974	110	11.3	896	85	9.5	806	81	10.0	799	78	9.8	773	81	10.5	747	82	11.0
Madera	4	-	-	4	-	-	6	-	-	11	-	-	7	-	-	8	1	12.5	9	-	-
Marin	11	1	9.1	12	1	8.3	9	-	-	8	1	12.5	11	2	18.2	10	1	10.0	6	2	33.3
Mariposa	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Mendocino	2	-	-	4	1	25.0	1	-	-	2	1	50.0	2	1	50.0	5	2	40.0	5	1	20.0
Merced	10	-	-	4	1	25.0	10	2	20.0	8	4	50.0	10	-	-	16	1	6.3	12	2	16.7
Modoc	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	29	4	13.8	36	2	5.6	31	3	9.7	28	4	14.3	32	4	12.5	21	2	9.5	37	2	5.4
Napa	2	1	50.0	3	1	33.3	3	-	-	2	-	-	2	-	-	7	-	-	5	-	-

\*At the time of report preparation, drug susceptibility testing was 94 percent complete for culture positive cases reported in 2003. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

\*\*INH=isoniazid

-Indicates zero cases or zero percent.

**Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 1997-2003**

Reporting Jurisdiction	1997			1998			1999			2000			2001			2002			2003*		
	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
Orange	285	40	14.0	248	39	15.7	204	27	13.2	212	29	13.7	228	27	11.8	196	24	12.2	195	18	9.2
Pasadena	8	-	-	15	1	6.7	6	-	-	7	1	14.3	15	2	13.3	7	-	-	8	-	-
Placer	2	-	-	5	-	-	2	-	-	1	-	-	3	-	-	2	-	-	8	-	-
Plumas	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Riverside	55	4	7.3	67	8	11.9	52	4	7.7	48	6	12.5	57	3	5.3	50	-	-	45	2	4.4
Sacramento	78	6	7.7	73	7	9.6	61	10	16.4	72	1	1.4	82	5	6.1	52	5	9.6	89	10	11.2
San Benito	3	-	-	1	-	-	3	-	-	1	-	-	4	-	-	3	-	-	-	-	-
San Bernardino	98	10	10.2	78	9	11.5	90	7	7.8	84	11	13.1	68	7	10.3	57	5	8.8	53	4	7.5
San Diego	265	28	10.6	270	37	13.7	225	26	11.6	261	30	11.5	275	16	5.8	281	32	11.4	240	20	8.3
San Francisco	198	17	8.6	179	11	6.1	185	20	10.8	135	9	6.7	143	13	9.1	119	11	9.2	139	12	8.6
San Joaquin	51	8	15.7	52	4	7.7	56	8	14.3	58	8	13.8	39	4	10.3	40	4	10.0	53	5	9.4
San Luis Obispo	8	1	12.5	10	2	20.0	5	-	-	6	-	-	6	-	-	5	1	20.0	6	-	-
San Mateo	66	8	12.1	60	7	11.7	48	3	6.3	36	3	8.3	59	6	10.2	52	8	15.4	47	7	14.9
Santa Barbara	19	-	-	18	4	22.2	21	1	4.8	15	1	6.7	20	3	15.0	12	4	33.3	31	3	9.7
Santa Clara	211	32	15.2	213	28	13.1	194	33	17.0	180	26	14.4	161	18	11.2	205	22	10.7	159	19	11.9
Santa Cruz	10	-	-	10	2	20.0	10	2	20.0	2	-	-	6	-	-	3	-	-	7	-	-
Shasta	10	1	10.0	4	-	-	5	-	-	5	-	-	4	-	-	3	-	-	8	2	25.0
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Solano	32	3	9.4	33	2	6.1	18	-	-	20	2	10.0	21	1	4.8	16	1	6.3	1	-	-
Sonoma	10	1	10.0	12	1	8.3	14	2	14.3	13	-	-	7	-	-	12	3	25.0	11	1	9.1
Stanislaus	24	4	16.7	16	2	12.5	20	2	10.0	8	-	-	14	-	-	16	-	-	12	2	16.7
Sutter	2	-	-	7	-	-	3	-	-	3	-	-	1	-	-	5	-	-	5	1	20.0
Tehama	-	-	-	-	-	-	2	-	-	-	-	-	1	1	100.0	-	-	-	1	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	16	1	6.3	18	2	11.1	15	1	6.7	14	1	7.1	13	1	7.7	14	2	14.3	9	-	-
Tuolumne	1	-	-	8	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Ventura	49	2	4.1	30	4	13.3	34	3	8.8	30	-	-	39	8	20.5	39	8	20.5	19	-	-
Yolo	10	-	-	5	1	20.0	4	1	25.0	5	-	-	5	-	-	1	-	-	11	1	9.1
Yuba	3	2	66.7	3	-	-	1	-	-	9	5	55.6	1	-	-	-	-	-	3	1	33.3

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\*At the time of report preparation, drug susceptibility testing was 94 percent complete for culture positive cases reported in 2003. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

\*\*INH=isoniazid

-Indicates zero cases or zero percent.

**Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1997-2003**

Reporting Jurisdiction	1997			1998			1999			2000			2001			2002			2003*		
	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.	%
<b>California</b>	<b>3,071</b>	<b>42</b>	<b>1.4</b>	<b>2,947</b>	<b>37</b>	<b>1.3</b>	<b>2,679</b>	<b>39</b>	<b>1.5</b>	<b>2,520</b>	<b>34</b>	<b>1.3</b>	<b>2,570</b>	<b>30</b>	<b>1.2</b>	<b>2,378</b>	<b>42</b>	<b>1.8</b>	<b>2,336</b>	<b>33</b>	<b>1.4</b>
Alameda	157	2	1.3	180	1	0.6	146	1	0.7	179	-	-	154	1	0.6	133	-	-	130	1	0.8
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	10	-	-	5	-	-	14	1	7.1	4	-	-	11	-	-	9	-	-	4	-	-
Butte	8	-	-	4	1	25.0	3	-	-	3	-	-	4	-	-	1	-	-	5	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Colusa	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-
Contra Costa	69	1	1.4	77	1	1.3	65	-	-	55	-	-	74	-	-	49	1	2.0	58	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	3	-	-	3	-	-	1	-	-	3	-	-	5	-	-	3	-	-	-	-	-
Fresno	74	2	2.7	70	7	10.0	54	1	1.9	55	3	5.5	61	2	3.3	41	-	-	47	-	-
Glenn	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Humboldt	3	-	-	8	-	-	5	-	-	4	-	-	6	-	-	3	-	-	1	-	-
Imperial	34	1	2.9	28	-	-	25	-	-	25	-	-	23	2	8.7	23	2	8.7	21	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Kern	52	-	-	44	-	-	51	-	-	36	-	-	39	1	2.6	43	2	4.7	38	1	2.6
Kings	4	-	-	12	-	-	8	-	-	8	-	-	7	-	-	4	-	-	3	-	-
Lake	1	-	-	2	-	-	1	-	-	2	-	-	2	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	67	2	3.0	40	-	-	72	1	1.4	50	-	-	46	-	-	39	1	2.6	44	1	2.3
Los Angeles	1,013	12	1.2	974	7	0.7	896	15	1.7	806	9	1.1	799	8	1.0	773	10	1.3	747	10	1.3
Madera	4	-	-	4	-	-	6	-	-	11	-	-	7	-	-	8	1	12.5	9	-	-
Marin	11	1	9.1	12	-	-	9	-	-	8	-	-	11	-	-	10	-	-	6	-	-
Mariposa	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Mendocino	2	-	-	4	-	-	1	-	-	2	-	-	2	-	-	5	-	-	5	1	20.0
Merced	10	-	-	4	-	-	10	2	20.0	8	1	12.5	10	-	-	16	1	6.3	12	1	8.3
Modoc	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	29	1	3.4	36	-	-	31	-	-	28	-	-	32	-	-	21	2	9.5	37	-	-
Napa	2	-	-	3	-	-	3	-	-	2	-	-	2	-	-	7	-	-	5	-	-

\*At the time of report preparation, drug susceptibility testing was 94 percent complete for culture positive cases reported in 2003. 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.

**Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1997-2003**

Reporting Jurisdiction	1997			1998			1999			2000			2001			2002			2003 *		
	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	-	-
Orange	285	6	2.1	248	2	0.8	204	3	1.5	212	4	1.9	228	1	0.4	196	2	1.0	195	3	1.5
Pasadena	8	-	-	15	-	-	6	-	-	7	-	-	15	-	-	7	-	-	8	-	-
Placer	2	-	-	5	-	-	2	-	-	1	-	-	3	-	-	2	-	-	8	-	-
Plumas	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Riverside	55	2	3.6	67	1	1.5	52	3	5.8	48	3	6.3	57	-	-	50	-	-	45	-	-
Sacramento	78	-	-	73	2	2.7	61	-	-	72	-	-	82	2	2.4	52	1	1.9	89	1	1.1
San Benito	3	-	-	1	-	-	3	-	-	1	-	-	4	-	-	3	-	-	-	-	-
San Bernardino	98	-	-	78	2	2.6	88	1	1.1	83	-	-	68	1	1.5	57	-	-	52	-	-
San Diego	265	2	0.8	269	3	1.1	225	2	0.9	261	8	3.1	275	2	0.7	281	6	2.1	240	5	2.1
San Francisco	198	2	1.0	179	2	1.1	185	3	1.6	135	-	-	143	4	2.8	119	4	3.4	139	2	1.4
San Joaquin	51	-	-	52	-	-	56	2	3.6	58	3	5.2	39	-	-	40	1	2.5	53	1	1.9
San Luis Obispo	8	-	-	10	-	-	5	-	-	6	-	-	6	-	-	5	1	20.0	6	-	-
San Mateo	66	2	3.0	60	-	-	48	-	-	36	-	-	59	1	1.7	52	2	3.8	47	-	-
Santa Barbara	19	-	-	18	-	-	21	-	-	15	-	-	20	1	5.0	12	2	16.7	31	-	-
Santa Clara	211	3	1.4	213	6	2.8	194	3	1.5	180	2	1.1	161	1	0.6	204	1	0.5	159	1	0.6
Santa Cruz	10	-	-	10	-	-	10	-	-	2	-	-	6	-	-	3	-	-	7	-	-
Shasta	10	-	-	4	-	-	5	-	-	5	-	-	4	-	-	3	-	-	8	1	12.5
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Solano	32	-	-	33	-	-	18	-	-	20	-	-	20	1	5.0	16	1	6.3	1	-	-
Sonoma	10	-	-	12	-	-	14	-	-	13	-	-	7	-	-	12	1	8.3	11	1	9.1
Stanislaus	24	1	4.2	16	-	-	20	-	-	8	-	-	14	-	-	16	-	-	12	1	8.3
Sutter	2	-	-	7	-	-	3	-	-	3	-	-	1	-	-	5	-	-	5	-	-
Tehama	-	-	-	-	-	-	2	-	-	-	-	-	1	1	100.0	-	-	-	1	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	16	1	6.3	18	-	-	15	1	6.7	14	-	-	13	1	7.7	14	-	-	9	-	-
Tuolumne	1	-	-	8	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Ventura	49	-	-	30	2	6.7	34	-	-	30	-	-	39	-	-	39	-	-	19	-	-
Yolo	10	-	-	5	-	-	4	-	-	5	-	-	5	-	-	1	-	-	11	1	9.1
Yuba	3	1	33.3	3	-	-	1	-	-	9	1	11.1	1	-	-	-	-	-	3	1	33.3

\*At the time of report preparation, drug susceptibility testing was 94 percent complete for culture positive cases reported in 2003. 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.

**Table 47. Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Cases Starting Therapy	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.	%
<b>California</b>	<b>3,240</b>	<b>2,269</b>	<b>70.0</b>	<b>342</b>	<b>10.6</b>	<b>255</b>	<b>7.9</b>	<b>227</b>	<b>7.0</b>	<b>49</b>	<b>1.5</b>	<b>16</b>	<b>0.5</b>	<b>17</b>	<b>0.5</b>	<b>65</b>	<b>2.0</b>
Alameda	192	146	76.0	18	9.4	8	4.2	13	6.8	4	2.1	1	0.5	1	0.5	1	0.5
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	12	9	75.0	-	-	3	25.0	-	-	-	-	-	-	-	-	-	-
Butte	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	105	76	72.4	13	12.4	9	8.6	6	5.7	-	-	1	1.0	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	4	3	75.0	-	-	1	25.0	-	-	-	-	-	-	-	-	-	-
Fresno	95	60	63.2	15	15.8	9	9.5	10	10.5	-	-	-	-	1	1.1	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	7	4	57.1	-	-	1	14.3	1	14.3	-	-	1	14.3	-	-	-	-
Imperial	25	18	72.0	1	4.0	5	20.0	1	4.0	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	50	28	56.0	5	10.0	10	20.0	4	8.0	-	-	-	-	1	2.0	2	4.0
Kings	10	7	70.0	-	-	2	20.0	-	-	1	10.0	-	-	-	-	-	-
Lake	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	50	28	56.0	14	28.0	6	12.0	1	2.0	1	2.0	-	-	-	-	-	-
Los Angeles	1,015	729	71.8	107	10.5	53	5.2	94	9.3	21	2.1	1	0.1	-	-	10	1.0
Madera	11	7	63.6	3	27.3	1	9.1	-	-	-	-	-	-	-	-	-	-
Marin	14	9	64.3	3	21.4	1	7.1	1	7.1	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Merced	14	11	78.6	1	7.1	2	14.3	-	-	-	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	38	28	73.7	4	10.5	5	13.2	-	-	-	-	-	-	-	-	1	2.6
Napa	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

**Table 47. Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Cases Starting Therapy	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	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orange	273	201	73.6	18	6.6	23	8.4	17	6.2	1	0.4	2	0.7	2	0.7	9	3.3
Pasadena	17	5	29.4	4	23.5	2	11.8	-	-	1	5.9	-	-	-	-	5	29.4
Placer	3	1	33.3	-	-	-	-	1	33.3	-	-	-	-	-	-	1	33.3
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	62	47	75.8	4	6.5	3	4.8	6	9.7	-	-	2	3.2	-	-	-	-
Sacramento	121	83	68.6	16	13.2	9	7.4	5	4.1	3	2.5	2	1.7	3	2.5	-	-
San Benito	6	4	66.7	1	16.7	1	16.7	-	-	-	-	-	-	-	-	-	-
San Bernardino	82	35	42.7	17	20.7	14	17.1	7	8.5	2	2.4	3	3.7	1	1.2	3	3.7
San Diego	324	213	65.7	32	9.9	38	11.7	23	7.1	12	3.7	1	0.3	4	1.2	1	0.3
San Francisco	174	135	77.6	19	10.9	6	3.4	13	7.5	-	-	-	-	-	-	1	0.6
San Joaquin	50	38	76.0	-	-	3	6.0	4	8.0	-	-	-	-	-	-	5	10.0
San Luis Obispo	9	6	66.7	1	11.1	-	-	2	22.2	-	-	-	-	-	-	-	-
San Mateo	77	60	77.9	4	5.2	7	9.1	2	2.6	1	1.3	-	-	1	1.3	2	2.6
Santa Barbara	26	21	80.8	4	15.4	-	-	-	-	-	-	-	-	1	3.8	-	-
Santa Clara	210	153	72.9	13	6.2	24	11.4	7	3.3	1	0.5	1	0.5	1	0.5	10	4.8
Santa Cruz	7	5	71.4	1	14.3	-	-	1	14.3	-	-	-	-	-	-	-	-
Shasta	4	3	75.0	1	25.0	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	34	21	61.8	3	8.8	1	2.9	2	5.9	1	2.9	-	-	-	-	6	17.6
Sonoma	10	5	50.0	2	20.0	2	20.0	-	-	-	-	-	-	-	-	1	10.0
Stanislaus	17	8	47.1	4	23.5	2	11.8	2	11.8	-	-	-	-	1	5.9	-	-
Sutter	5	3	60.0	-	-	-	-	1	20.0	-	-	-	-	-	-	1	20.0
Tehama	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	15	6	40.0	2	13.3	1	6.7	1	6.7	-	-	-	-	-	-	5	33.3
Tuolumne	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	49	37	75.5	10	20.4	1	2.0	-	-	-	-	-	-	-	-	1	2.0
Yolo	5	2	40.0	-	-	2	40.0	-	-	-	-	1	20.0	-	-	-	-
Yuba	3	2	66.7	-	-	-	-	1	33.3	-	-	-	-	-	-	-	-

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

**Table 48. Drug-Susceptible\* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Cases Starting Therapy	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.	%
<b>California</b>	<b>2,945</b>	<b>2,098</b>	<b>71.2</b>	<b>280</b>	<b>9.5</b>	<b>226</b>	<b>7.7</b>	<b>213</b>	<b>7.2</b>	<b>44</b>	<b>1.5</b>	<b>16</b>	<b>0.5</b>	<b>15</b>	<b>0.5</b>	<b>53</b>	<b>1.8</b>
Alameda	182	140	76.9	15	8.2	7	3.8	13	7.1	4	2.2	1	0.5	1	0.5	1	0.5
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	12	9	75.0	-	-	3	25.0	-	-	-	-	-	-	-	-	-	-
Butte	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	98	73	74.5	11	11.2	7	7.1	6	6.1	-	-	1	1.0	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	3	2	66.7	-	-	1	33.3	-	-	-	-	-	-	-	-	-	-
Fresno	88	57	64.8	13	14.8	7	8.0	10	11.4	-	-	-	-	1	1.1	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	6	3	50.0	-	-	1	16.7	1	16.7	-	-	1	16.7	-	-	-	-
Imperial	22	17	77.3	-	-	4	18.2	1	4.5	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	48	28	58.3	5	10.4	9	18.8	4	8.3	-	-	-	-	1	2.1	1	2.1
Kings	10	7	70.0	-	-	2	20.0	-	-	1	10.0	-	-	-	-	-	-
Lake	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	44	26	59.1	10	22.7	6	13.6	1	2.3	1	2.3	-	-	-	-	-	-
Los Angeles	917	668	72.8	90	9.8	49	5.3	87	9.5	16	1.7	1	0.1	-	-	6	0.7
Madera	11	7	63.6	3	27.3	1	9.1	-	-	-	-	-	-	-	-	-	-
Marin	12	9	75.0	1	8.3	1	8.3	1	8.3	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	14	11	78.6	1	7.1	2	14.3	-	-	-	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	34	25	73.5	4	11.8	4	11.8	-	-	-	-	-	-	-	-	1	2.9
Napa	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Includes cases susceptible to isoniazid, rifampin and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

\*\*Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.



**Table 48. Drug-Susceptible\* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Cases Starting Therapy	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	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orange	233	173	74.2	14	6.0	19	8.2	16	6.9	1	0.4	2	0.9	2	0.9	6	2.6
Pasadena	14	5	35.7	3	21.4	2	14.3	-	-	1	7.1	-	-	-	-	3	21.4
Placer	3	1	33.3	-	-	-	-	1	33.3	-	-	-	-	-	-	1	33.3
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	59	45	76.3	4	6.8	2	3.4	6	10.2	-	-	2	3.4	-	-	-	-
Sacramento	116	82	70.7	13	11.2	9	7.8	5	4.3	3	2.6	2	1.7	2	1.7	-	-
San Benito	6	4	66.7	1	16.7	1	16.7	-	-	-	-	-	-	-	-	-	-
San Bernardino	74	32	43.2	13	17.6	13	17.6	7	9.5	2	2.7	3	4.1	1	1.4	3	4.1
San Diego	287	192	66.9	24	8.4	35	12.2	19	6.6	12	4.2	1	0.3	3	1.0	1	0.3
San Francisco	160	129	80.6	14	8.8	3	1.9	13	8.1	-	-	-	-	-	-	1	0.6
San Joaquin	45	35	77.8	-	-	2	4.4	3	6.7	-	-	-	-	-	-	5	11.1
San Luis Obispo	9	6	66.7	1	11.1	-	-	2	22.2	-	-	-	-	-	-	-	-
San Mateo	71	56	78.9	4	5.6	5	7.0	2	2.8	1	1.4	-	-	1	1.4	2	2.8
Santa Barbara	23	20	87.0	2	8.7	-	-	-	-	-	-	-	-	1	4.3	-	-
Santa Clara	190	138	72.6	11	5.8	22	11.6	7	3.7	1	0.5	1	0.5	1	0.5	9	4.7
Santa Cruz	7	5	71.4	1	14.3	-	-	1	14.3	-	-	-	-	-	-	-	-
Shasta	4	3	75.0	1	25.0	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	33	21	63.6	2	6.1	1	3.0	2	6.1	1	3.0	-	-	-	-	6	18.2
Sonoma	10	5	50.0	2	20.0	2	20.0	-	-	-	-	-	-	-	-	1	10.0
Stanislaus	17	8	47.1	4	23.5	2	11.8	2	11.8	-	-	-	-	1	5.9	-	-
Sutter	5	3	60.0	-	-	-	-	1	20.0	-	-	-	-	-	-	1	20.0
Tehama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	14	6	42.9	2	14.3	1	7.1	1	7.1	-	-	-	-	-	-	4	28.6
Tuolumne	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	43	31	72.1	10	23.3	1	2.3	-	-	-	-	-	-	-	-	1	2.3
Yolo	5	2	40.0	-	-	2	40.0	-	-	-	-	1	20.0	-	-	-	-
Yuba	3	2	66.7	-	-	-	-	1	33.3	-	-	-	-	-	-	-	-

\* Includes cases susceptible to isoniazid, rifampin and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

\*\*Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

**Table 49. Drug-Resistant\* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Cases Starting Therapy	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.	%
<b>California</b>	<b>295</b>	<b>171</b>	<b>58.0</b>	<b>62</b>	<b>21.0</b>	<b>29</b>	<b>9.8</b>	<b>14</b>	<b>4.7</b>	<b>5</b>	<b>1.7</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>0.7</b>	<b>12</b>	<b>4.1</b>
Alameda	10	6	60.0	3	30.0	1	10.0	-	-	-	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	7	3	42.9	2	28.6	2	28.6	-	-	-	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	7	3	42.9	2	28.6	2	28.6	-	-	-	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imperial	3	1	33.3	1	33.3	1	33.3	-	-	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	2	-	-	-	-	1	50.0	-	-	-	-	-	-	-	-	1	50.0
Kings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	6	2	33.3	4	66.7	-	-	-	-	-	-	-	-	-	-	-	-
Los Angeles	98	61	62.2	17	17.3	4	4.1	7	7.1	5	5.1	-	-	-	-	4	4.1
Madera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marin	2	-	-	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Merced	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	4	3	75.0	-	-	1	25.0	-	-	-	-	-	-	-	-	-	-
Napa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Resistant to one or more of the following: isoniazid, rifampin and pyrazinamide.

\*\* Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

**Table 49. Drug-Resistant\* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2001**

Reporting Jurisdiction	Cases Starting Therapy	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	40	28	70.0	4	10.0	4	10.0	1	2.5	-	-	-	-	-	-	3	7.5
Pasadena	3	-	-	1	33.3	-	-	-	-	-	-	-	-	-	-	2	66.7
Placer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	3	2	66.7	-	-	1	33.3	-	-	-	-	-	-	-	-	-	-
Sacramento	5	1	20.0	3	60.0	-	-	-	-	-	-	-	1	20.0	-	-	-
San Benito	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	8	3	37.5	4	50.0	1	12.5	-	-	-	-	-	-	-	-	-	-
San Diego	37	21	56.8	8	21.6	3	8.1	4	10.8	-	-	-	-	1	2.7	-	-
San Francisco	14	6	42.9	5	35.7	3	21.4	-	-	-	-	-	-	-	-	-	-
San Joaquin	5	3	60.0	-	-	1	20.0	1	20.0	-	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	6	4	66.7	-	-	2	33.3	-	-	-	-	-	-	-	-	-	-
Santa Barbara	3	1	33.3	2	66.7	-	-	-	-	-	-	-	-	-	-	-	-
Santa Clara	20	15	75.0	2	10.0	2	10.0	-	-	-	-	-	-	-	-	1	5.0
Santa Cruz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	100.0
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yolo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Resistant to one or more of the following: isoniazid, rifampin and pyrazinamide.

\*\* Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

**Table 50. Tuberculosis Cases by Reason Therapy Stopped and Risk Factor for Tuberculosis: California, 2001**

	Cases Starting Therapy	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.	%
<b>California</b>	<b>3,240</b>	<b>2,269</b>	<b>70.0</b>	<b>342</b>	<b>10.6</b>	<b>255</b>	<b>7.9</b>	<b>227</b>	<b>7.0</b>	<b>49</b>	<b>1.5</b>	<b>16</b>	<b>0.5</b>	<b>17</b>	<b>0.5</b>	<b>65</b>	<b>2.0</b>
AIDS																	
No	3,092	2,199	71.1	304	9.8	228	7.4	218	7.1	48	1.6	15	0.5	16	0.5	64	2.1
Yes	148	70	47.3	38	25.7	27	18.2	9	6.1	1	0.7	1	0.7	1	0.7	1	0.7
Diagnosed in Correctional Facility																	
No	3,120	2,218	71.1	338	10.8	208	6.7	226	7.2	37	1.2	16	0.5	17	0.5	60	1.9
Yes	113	48	42.5	4	3.5	46	40.7	-	-	11	9.7	-	-	-	-	4	3.5
<i>Federal Prison</i>	21	4	19.0	-	-	11	52.4	-	-	5	23.8	-	-	-	-	1	4.8
<i>State Prison</i>	22	7	31.8	1	4.5	11	50.0	-	-	1	4.5	-	-	-	-	2	9.1
<i>Local Jail</i>	56	29	51.8	3	5.4	18	32.1	-	-	5	8.9	-	-	-	-	1	1.8
<i>Juvenile Facility</i>	4	3	75.0	-	-	1	25.0	-	-	-	-	-	-	-	-	-	-
<i>Other/Unknown</i>	10	5	50.0	-	-	5	50.0	-	-	-	-	-	-	-	-	-	-
Unknown	7	3	42.9	-	-	1	14.3	1	14.3	1	14.3	-	-	-	-	1	14.3
Diagnosed in Long-term Care Facility																	
No	3,175	2,239	70.5	336	10.6	248	7.8	211	6.6	46	1.4	16	0.5	16	0.5	63	2.0
Yes	58	27	46.6	6	10.3	6	10.3	15	25.9	2	3.4	-	-	1	1.7	1	1.7
Unknown	7	3	42.9	-	-	1	14.3	1	14.3	1	14.3	-	-	-	-	1	14.3
Excess Alcohol Use																	
No	2,780	2,007	72.2	284	10.2	194	7.0	178	6.4	33	1.2	15	0.5	13	0.5	56	2.0
Yes	364	223	61.3	44	12.1	47	12.9	28	7.7	12	3.3	1	0.3	3	0.8	6	1.6
Unknown	96	39	40.6	14	14.6	14	14.6	21	21.9	4	4.2	-	-	1	1.0	3	3.1
Homeless																	
No	2,990	2,118	70.8	314	10.5	225	7.5	204	6.8	40	1.3	15	0.5	15	0.5	59	2.0
Yes	225	140	62.2	26	11.6	25	11.1	20	8.9	7	3.1	1	0.4	2	0.9	4	1.8
Unknown	25	11	44.0	2	8.0	5	20.0	3	12.0	2	8.0	-	-	-	-	2	8.0
Injecting Drug Use																	
No	3,066	2,183	71.2	320	10.4	226	7.4	203	6.6	42	1.4	15	0.5	15	0.5	62	2.0
Yes	81	48	59.3	9	11.1	15	18.5	6	7.4	2	2.5	-	-	1	1.2	-	-
Unknown	93	38	40.9	13	14.0	14	15.1	18	19.4	5	5.4	1	1.1	1	1.1	3	3.2
Non-Injecting Drug Use																	
No	2,938	2,100	71.5	310	10.6	205	7.0	195	6.6	39	1.3	14	0.5	15	0.5	60	2.0
Yes	204	125	61.3	21	10.3	34	16.7	15	7.4	5	2.5	1	0.5	1	0.5	2	1.0
Unknown	98	44	44.9	11	11.2	16	16.3	17	17.3	5	5.1	1	1.0	1	1.0	3	3.1

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

**Table 51. Drug-Susceptible\* Tuberculosis Cases by Reason Therapy Stopped and Risk Factor for Tuberculosis: California, 2001**

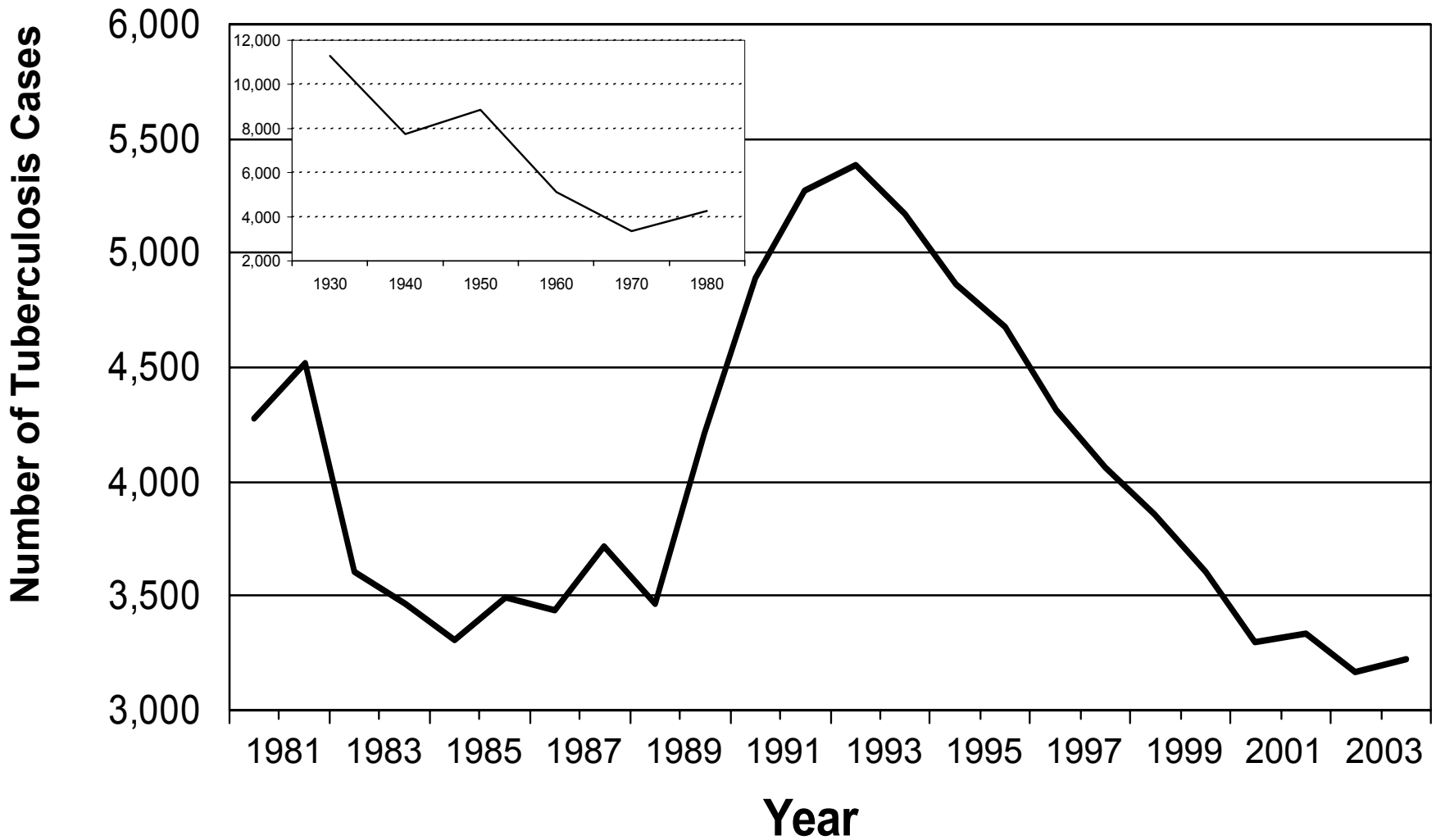
	Cases Starting Therapy	Reason Therapy Stopped**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>California</b>	<b>2,945</b>	<b>2,098</b>	<b>71.2</b>	<b>280</b>	<b>9.5</b>	<b>226</b>	<b>7.7</b>	<b>213</b>	<b>7.2</b>	<b>44</b>	<b>1.5</b>	<b>16</b>	<b>0.5</b>	<b>15</b>	<b>0.5</b>	<b>53</b>	<b>1.8</b>
AIDS																	
No	2,809	2,032	72.3	246	8.8	201	7.2	206	7.3	43	1.5	15	0.5	14	0.5	52	1.9
Yes	136	66	48.5	34	25.0	25	18.4	7	5.1	1	0.7	1	0.7	1	0.7	1	0.7
Diagnosed in Correctional Facility																	
No	2,830	2,048	72.4	277	9.8	182	6.4	212	7.5	32	1.1	16	0.6	15	0.5	48	1.7
Yes	108	47	43.5	3	2.8	43	39.8	-	-	11	10.2	-	-	-	-	4	3.7
<i>Federal Prison</i>	20	3	15.0	-	-	11	55.0	-	-	5	25.0	-	-	-	-	1	5.0
<i>State Prison</i>	21	7	33.3	1	4.8	10	47.6	-	-	1	4.8	-	-	-	-	2	9.5
<i>Local Jail</i>	53	29	54.7	2	3.8	16	30.2	-	-	5	9.4	-	-	-	-	1	1.9
<i>Juvenile Facility</i>	4	3	75.0	-	-	1	25.0	-	-	-	-	-	-	-	-	-	-
<i>Other/Unknown</i>	10	5	50.0	-	-	5	50.0	-	-	-	-	-	-	-	-	-	-
Unknown	7	3	42.9	-	-	1	14.3	1	14.3	1	14.3	-	-	-	-	1	14.3
Diagnosed in Long-term Care Facility																	
No	2,881	2,069	71.8	274	9.5	219	7.6	197	6.8	41	1.4	16	0.6	14	0.5	51	1.8
Yes	57	26	45.6	6	10.5	6	10.5	15	26.3	2	3.5	-	-	1	1.8	1	1.8
Unknown	7	3	42.9	-	-	1	14.3	1	14.3	1	14.3	-	-	-	-	1	14.3
Excess Alcohol Use																	
No	2,516	1,850	73.5	230	9.1	170	6.8	166	6.6	29	1.2	15	0.6	12	0.5	44	1.7
Yes	340	212	62.4	38	11.2	42	12.4	27	7.9	11	3.2	1	0.3	3	0.9	6	1.8
Unknown	89	36	40.4	12	13.5	14	15.7	20	22.5	4	4.5	-	-	-	-	3	3.4
Homeless																	
No	2,703	1,952	72.2	253	9.4	196	7.3	191	7.1	36	1.3	15	0.6	13	0.5	47	1.7
Yes	217	135	62.2	25	11.5	25	11.5	19	8.8	6	2.8	1	0.5	2	0.9	4	1.8
Unknown	25	11	44.0	2	8.0	5	20.0	3	12.0	2	8.0	-	-	-	-	2	8.0
Injecting Drug Use																	
No	2,779	2,016	72.5	261	9.4	197	7.1	189	6.8	37	1.3	15	0.5	14	0.5	50	1.8
Yes	77	45	58.4	8	10.4	15	19.5	6	7.8	2	2.6	-	-	1	1.3	-	-
Unknown	89	37	41.6	11	12.4	14	15.7	18	20.2	5	5.6	1	1.1	-	-	3	3.4
Non-Injecting Drug Use																	
No	2,656	1,937	72.9	250	9.4	178	6.7	181	6.8	34	1.3	14	0.5	14	0.5	48	1.8
Yes	195	120	61.5	19	9.7	32	16.4	15	7.7	5	2.6	1	0.5	1	0.5	2	1.0
Unknown	94	41	43.6	11	11.7	16	17.0	17	18.1	5	5.3	1	1.1	-	-	3	3.2

\*Includes cases susceptible to isoniazid, rifampin and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

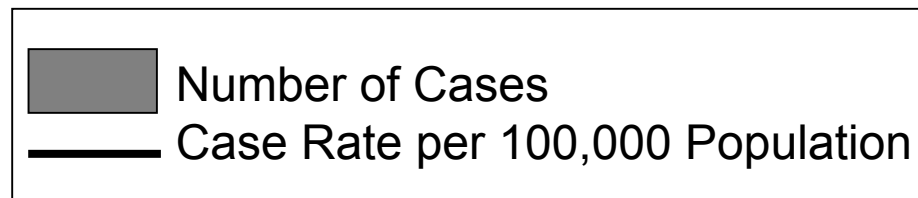
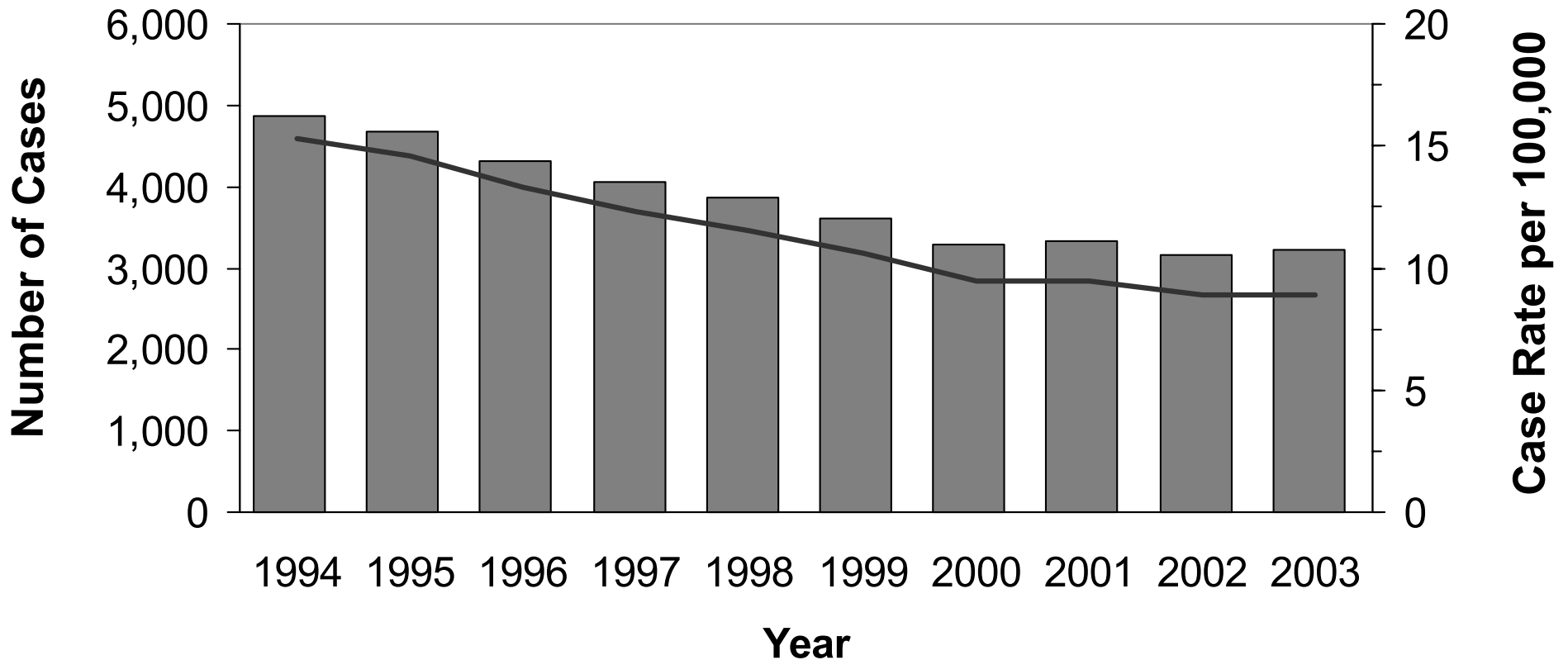
\*\* Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

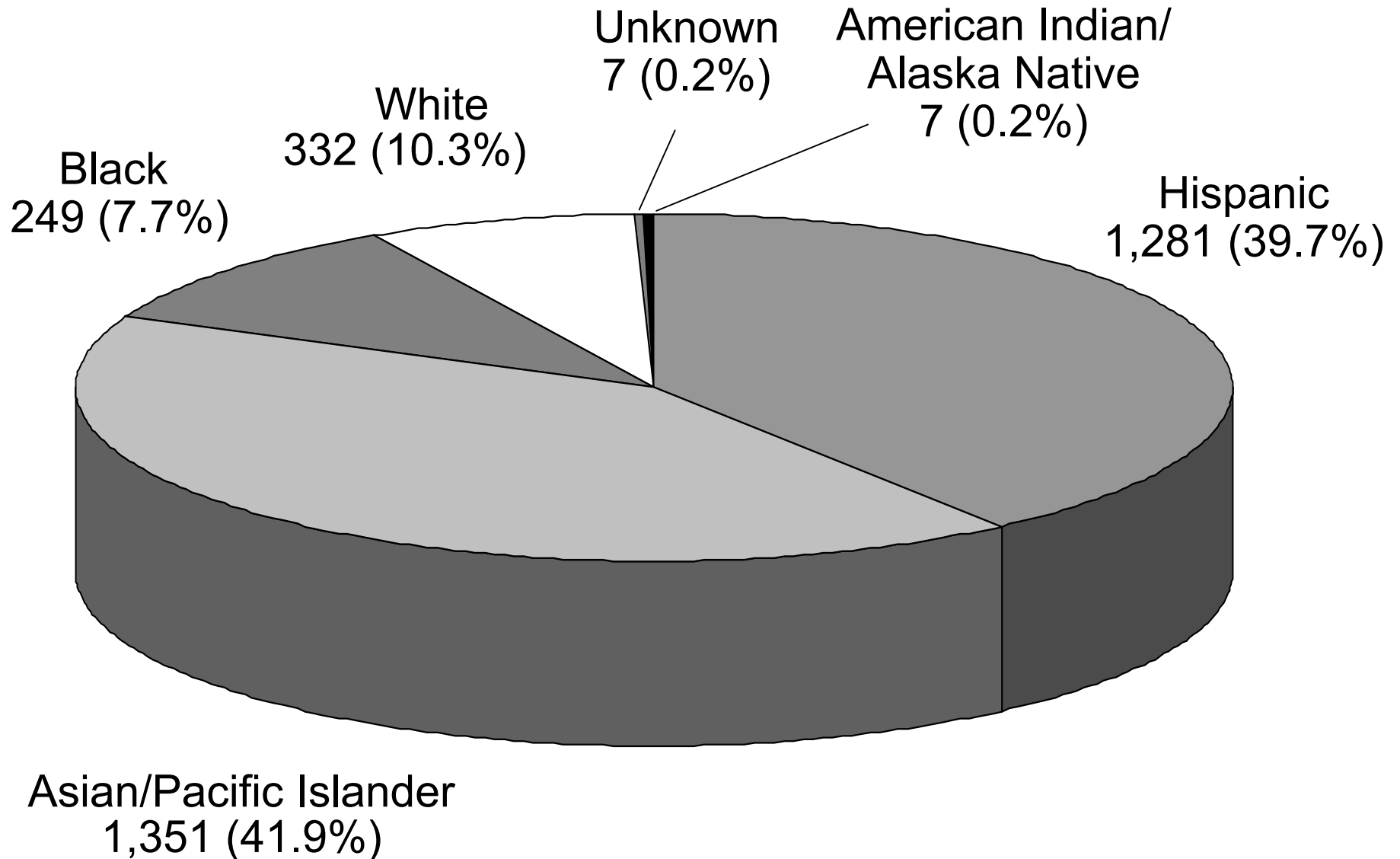
# Figure 1. Number of Tuberculosis Cases: California, 1930-2003



# Figure 2. Number of Tuberculosis Cases and Case Rates: California, 1994-2003

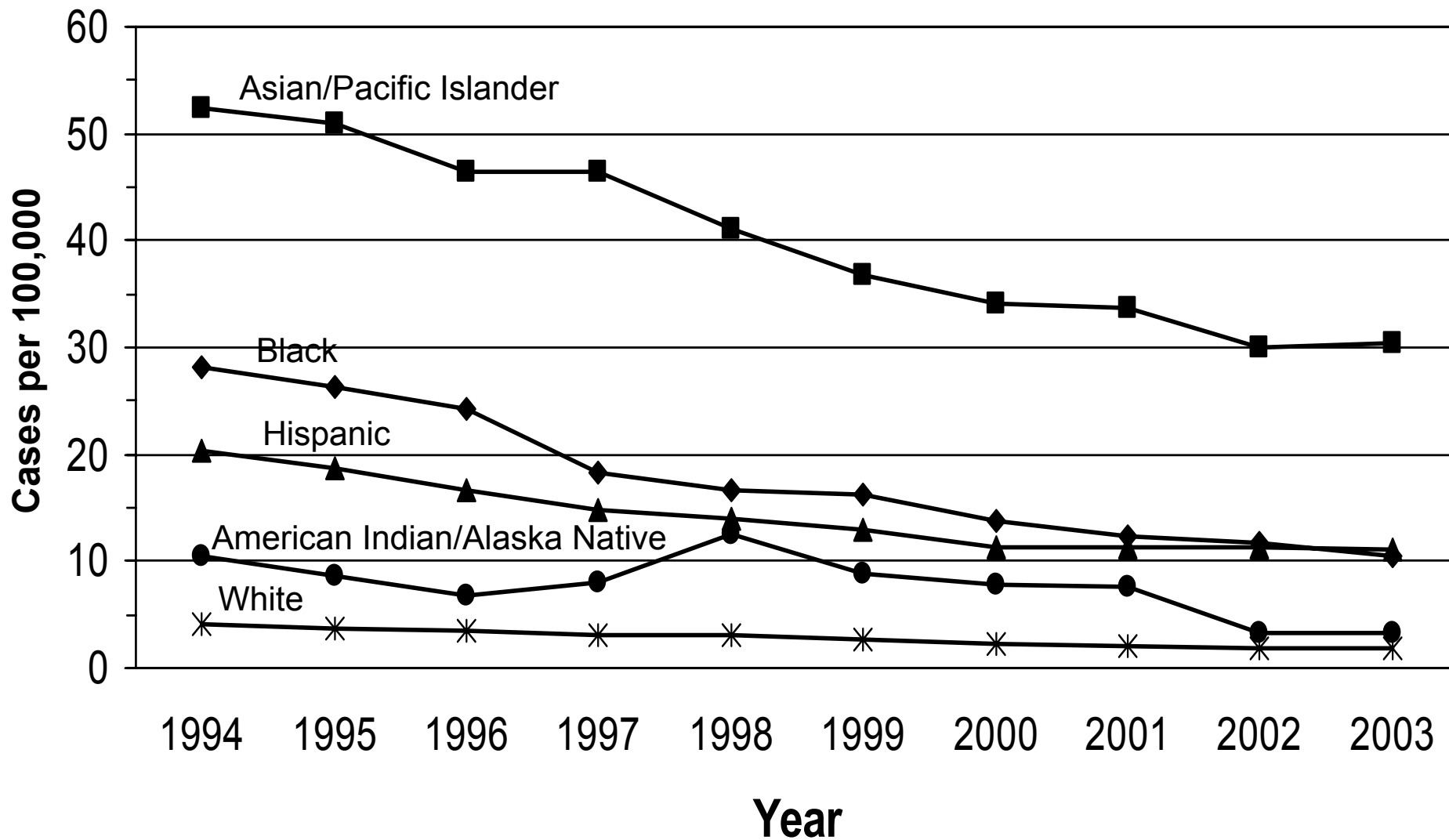


# Figure 3. Tuberculosis Cases by Race/Ethnicity: California, 2003

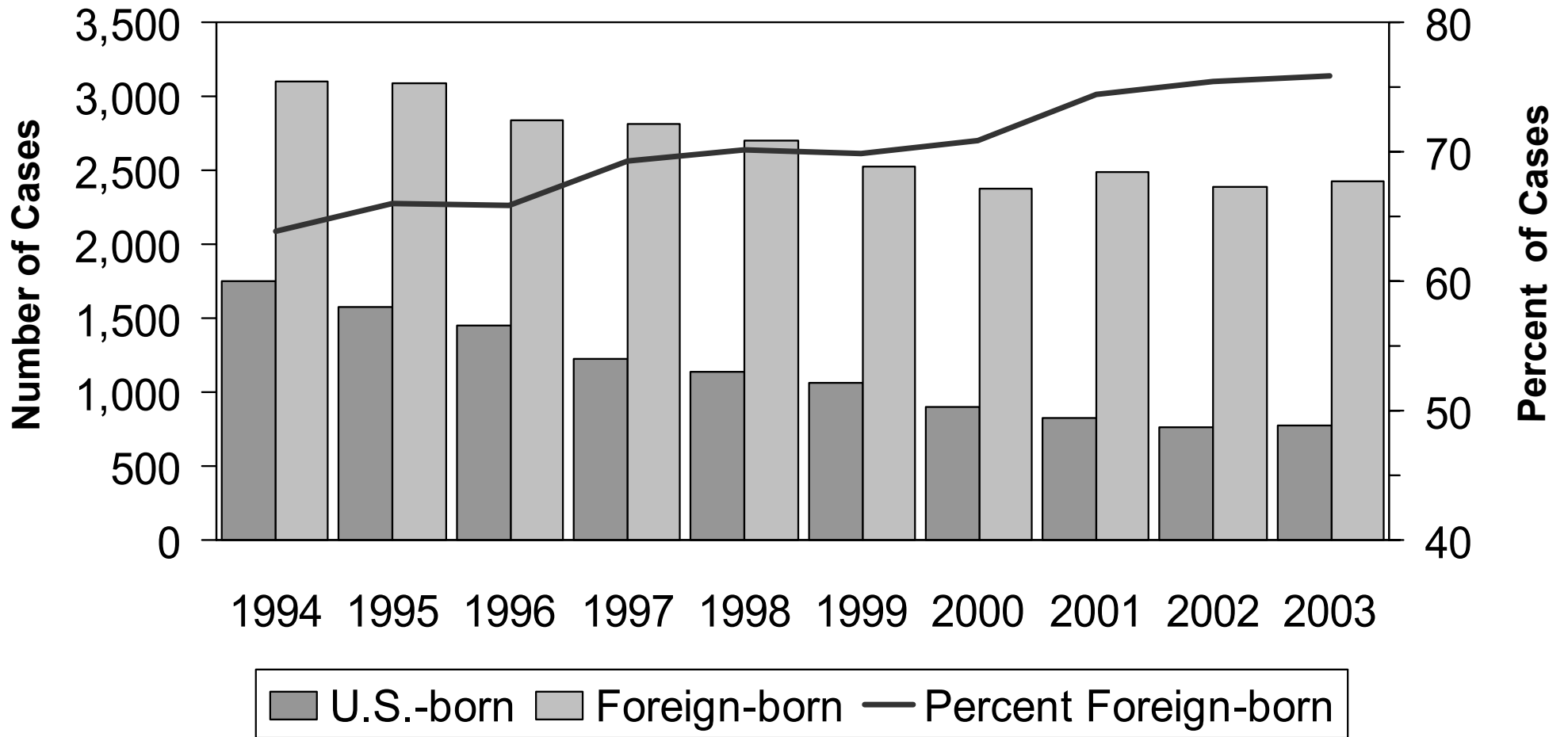




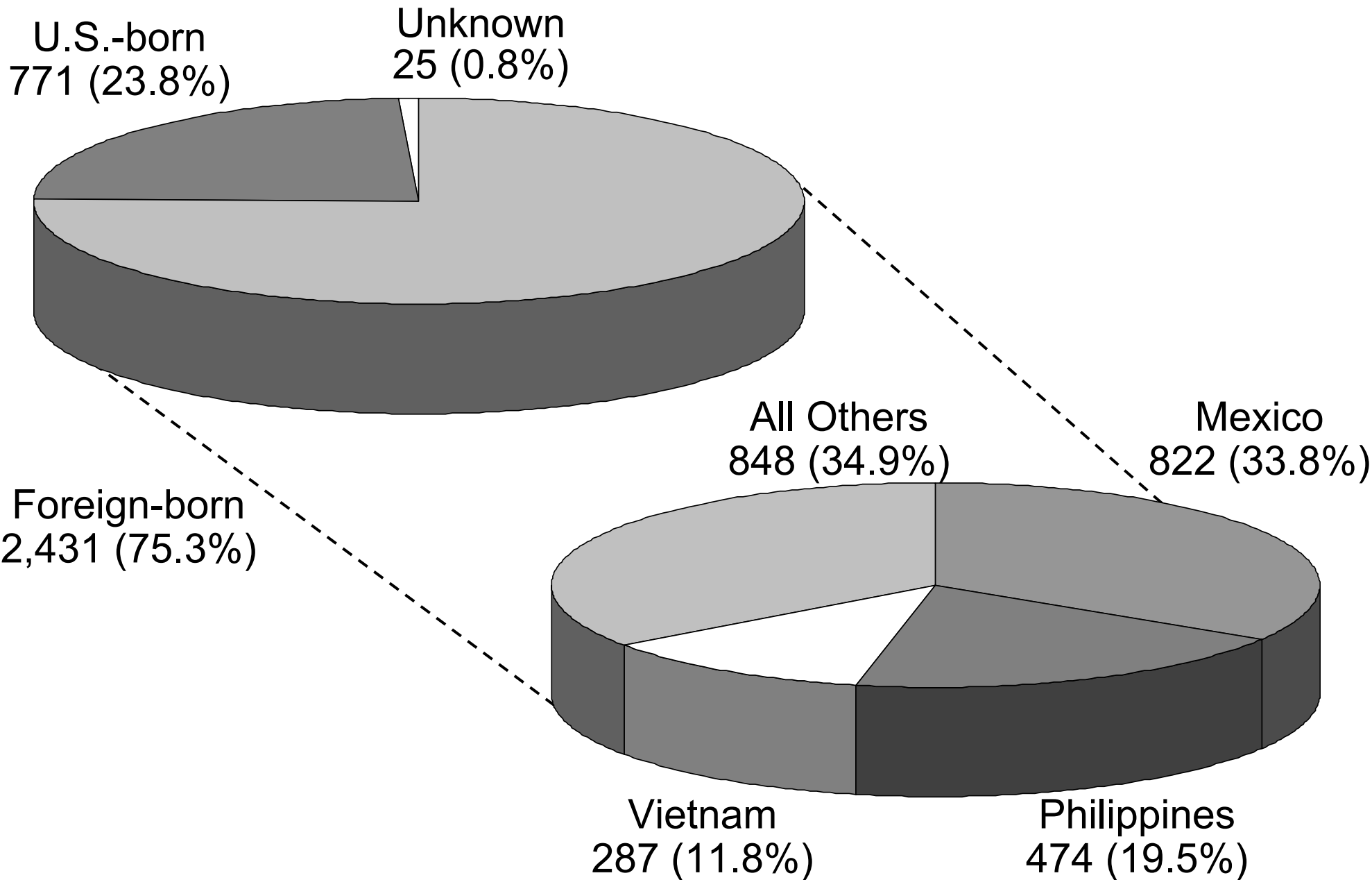
# Figure 4. Tuberculosis Case Rates by Race/Ethnicity: California, 1994-2003



# Figure 5. Number and Percentage of Tuberculosis Cases in Foreign-born and U.S.-born Persons: California, 1994-2003

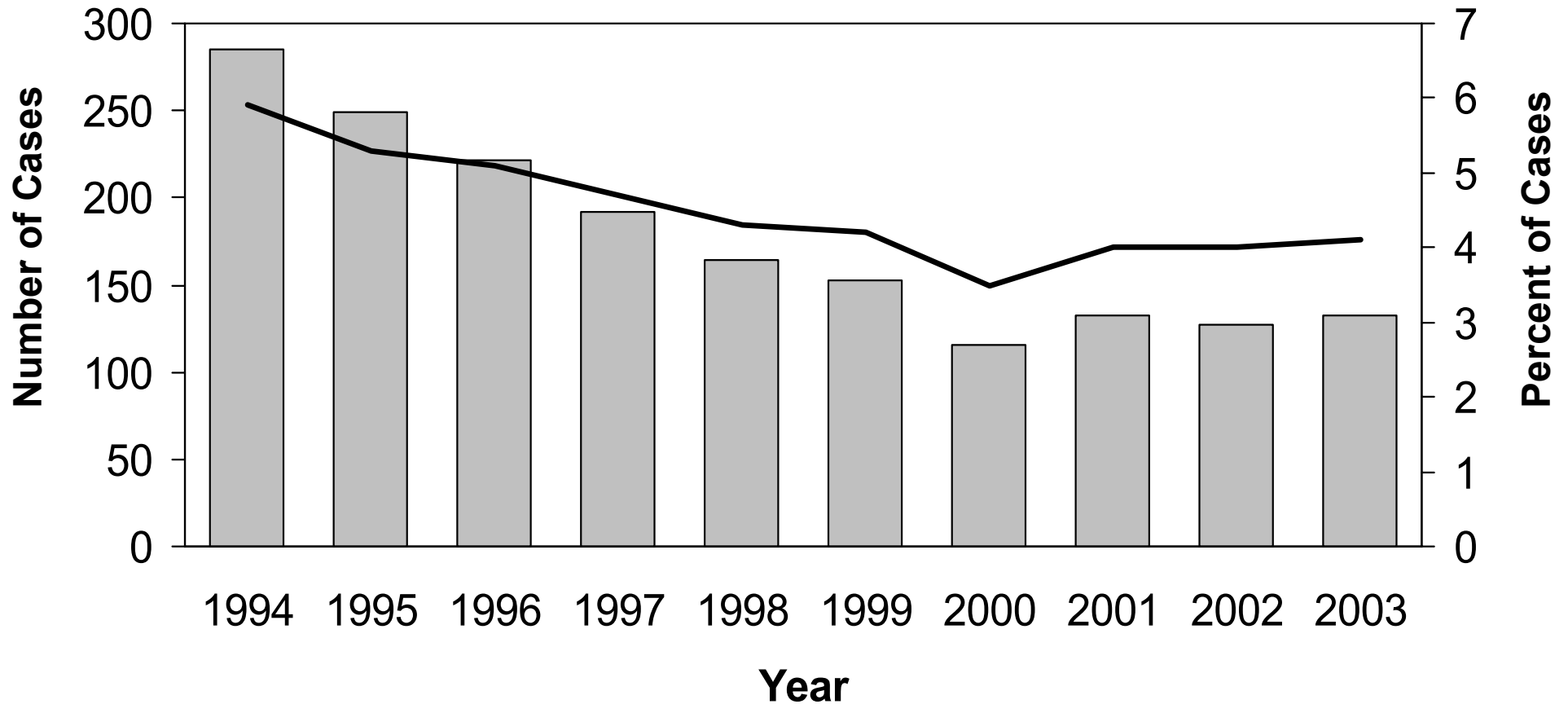


# Figure 6. Tuberculosis Cases by Country of Origin: California, 2003



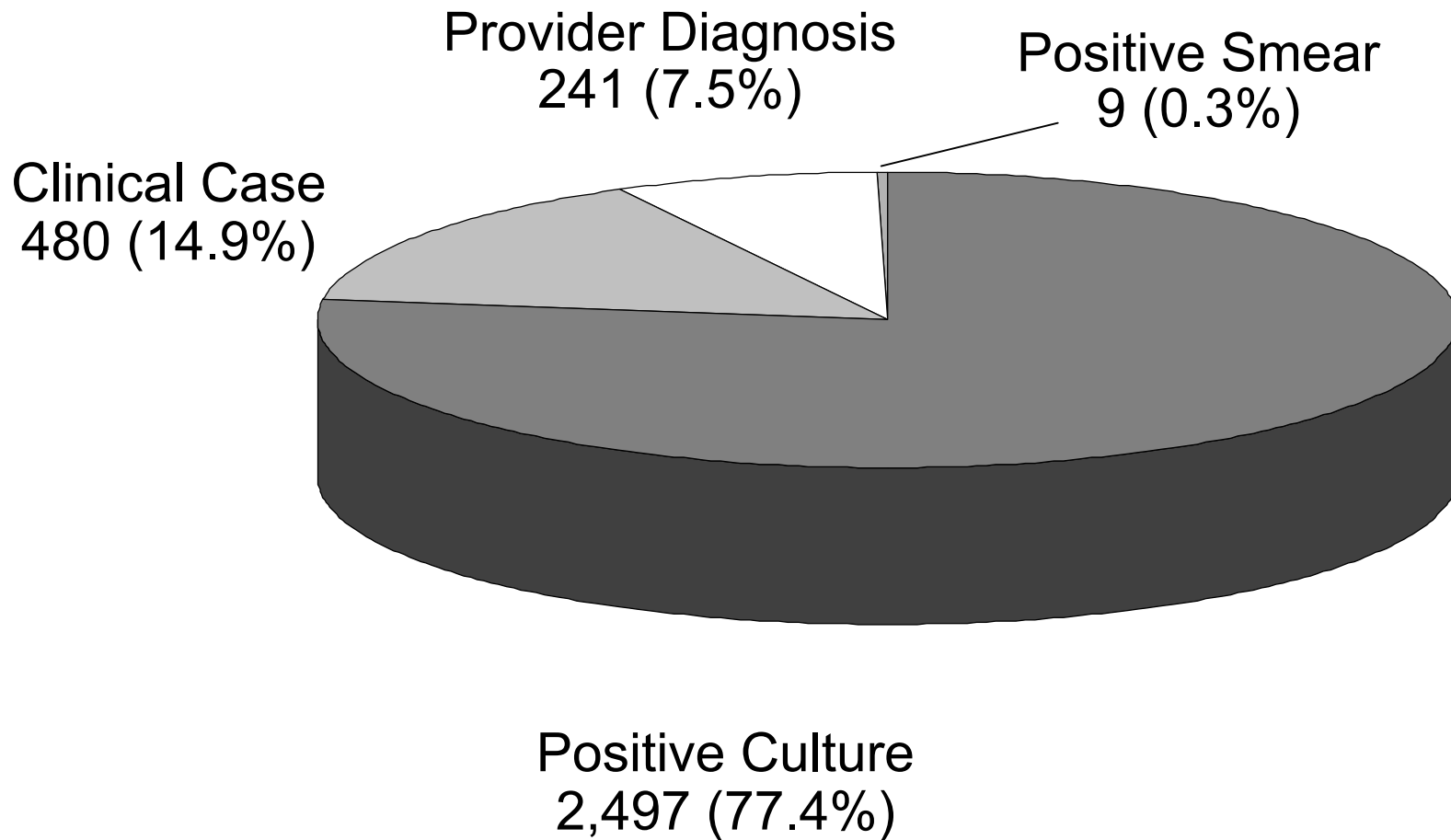
67

# Figure 7. Tuberculosis Cases in Persons 0-4 Years of Age: California, 1994-2003

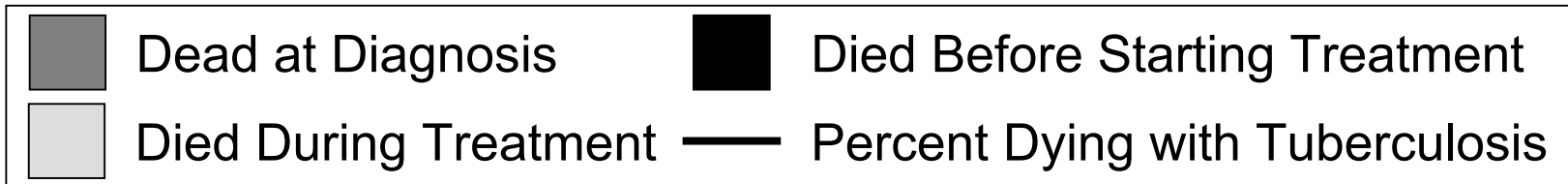
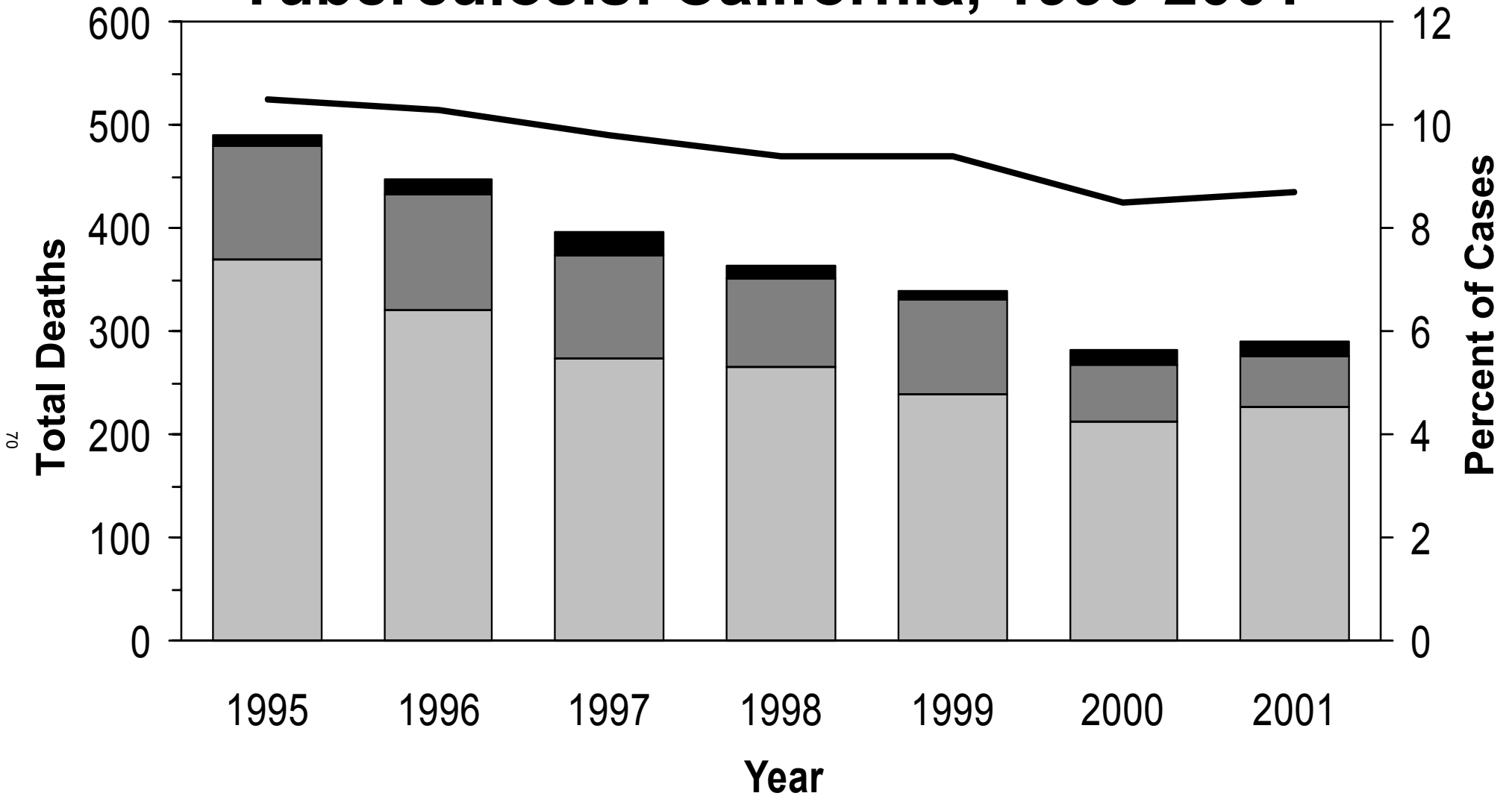


Number of Cases
 
 Percent of Cases

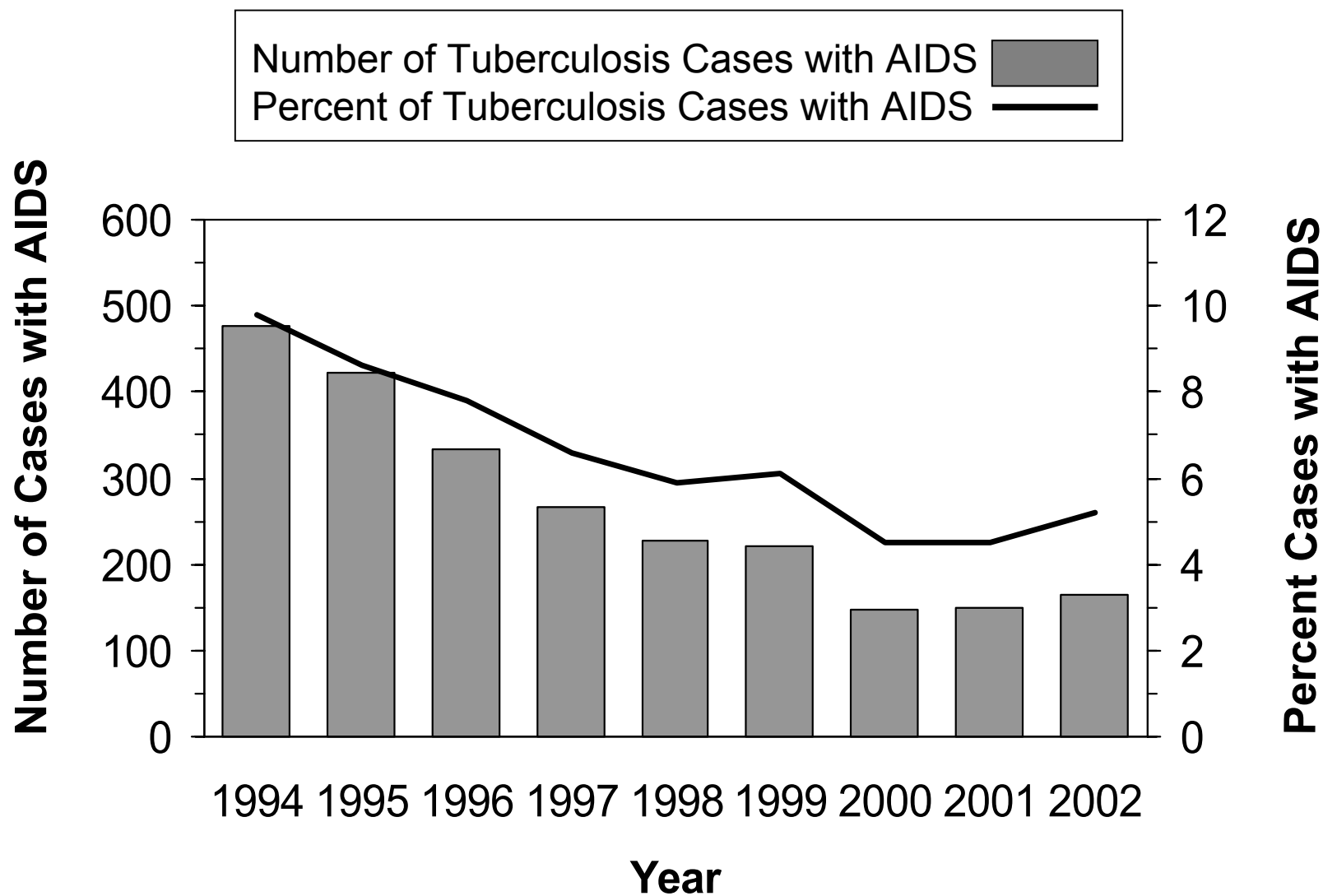
# Figure 8. Tuberculosis Cases by Verification Criteria: California, 2003



# Figure 9. Deaths in Persons with Tuberculosis: California, 1995-2001

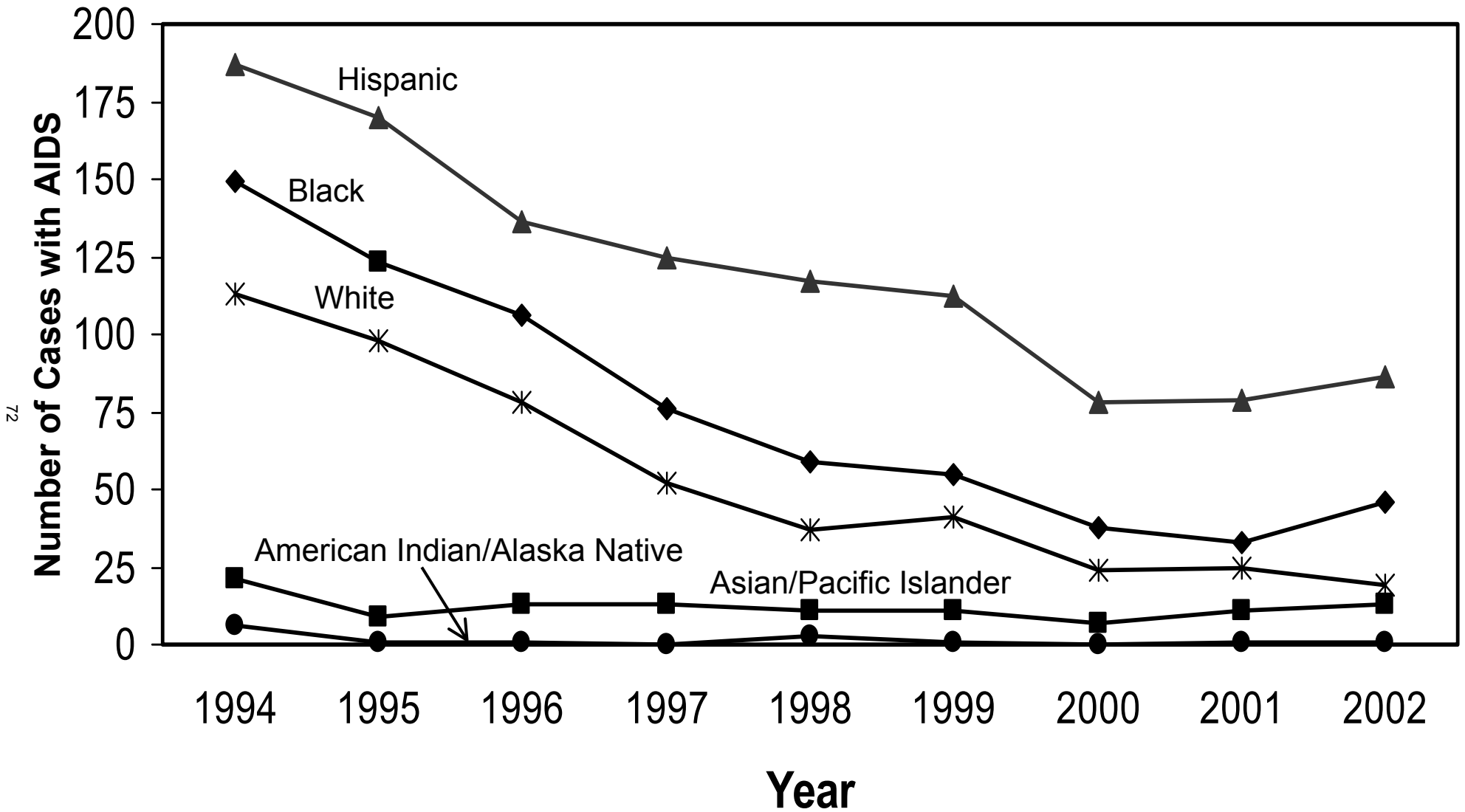


# Figure 10. Tuberculosis Cases by AIDS Diagnosis\*: California, 1994-2002



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

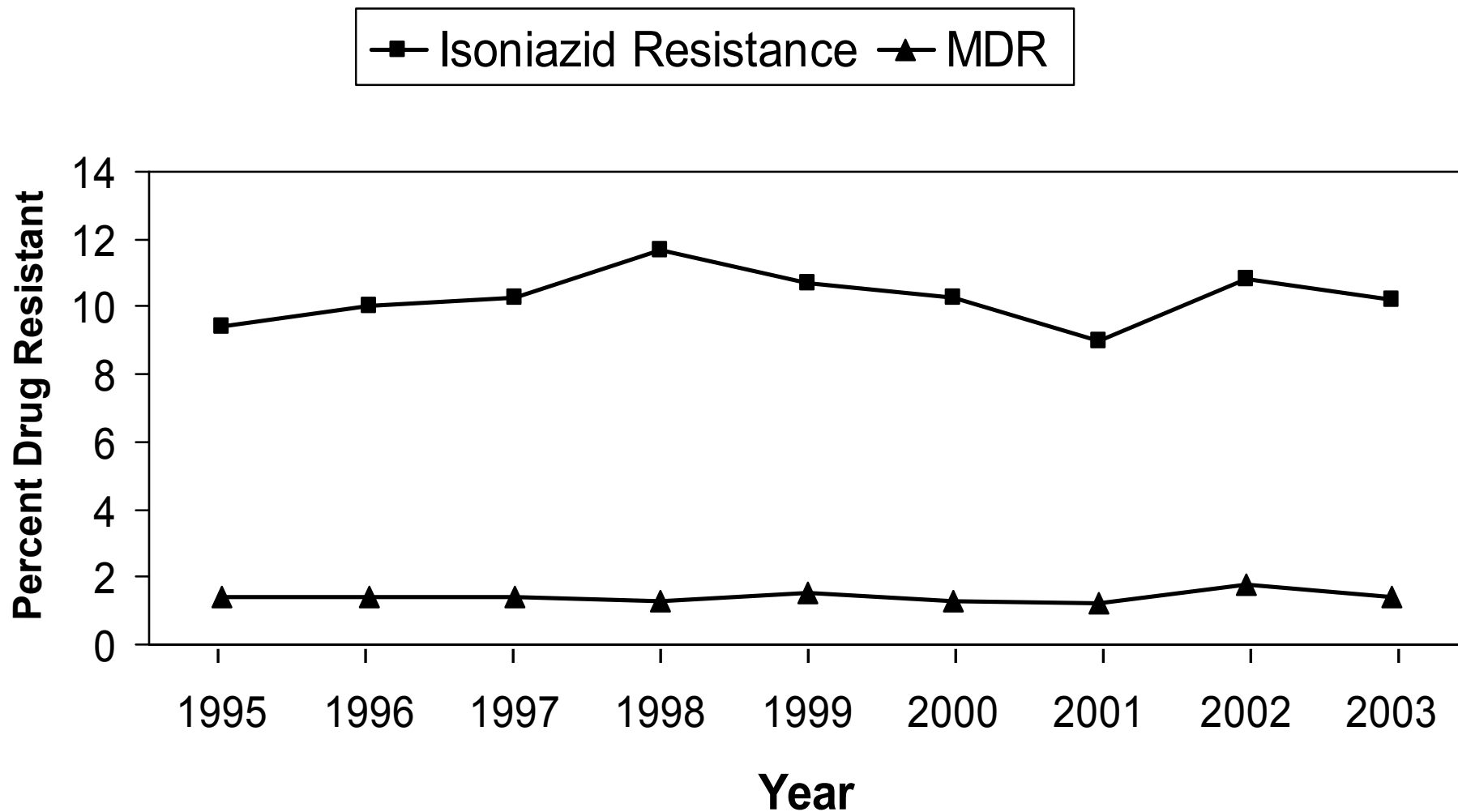
# Figure 11. AIDS-associated Tuberculosis\* by Race/Ethnicity: California, 1994-2002



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

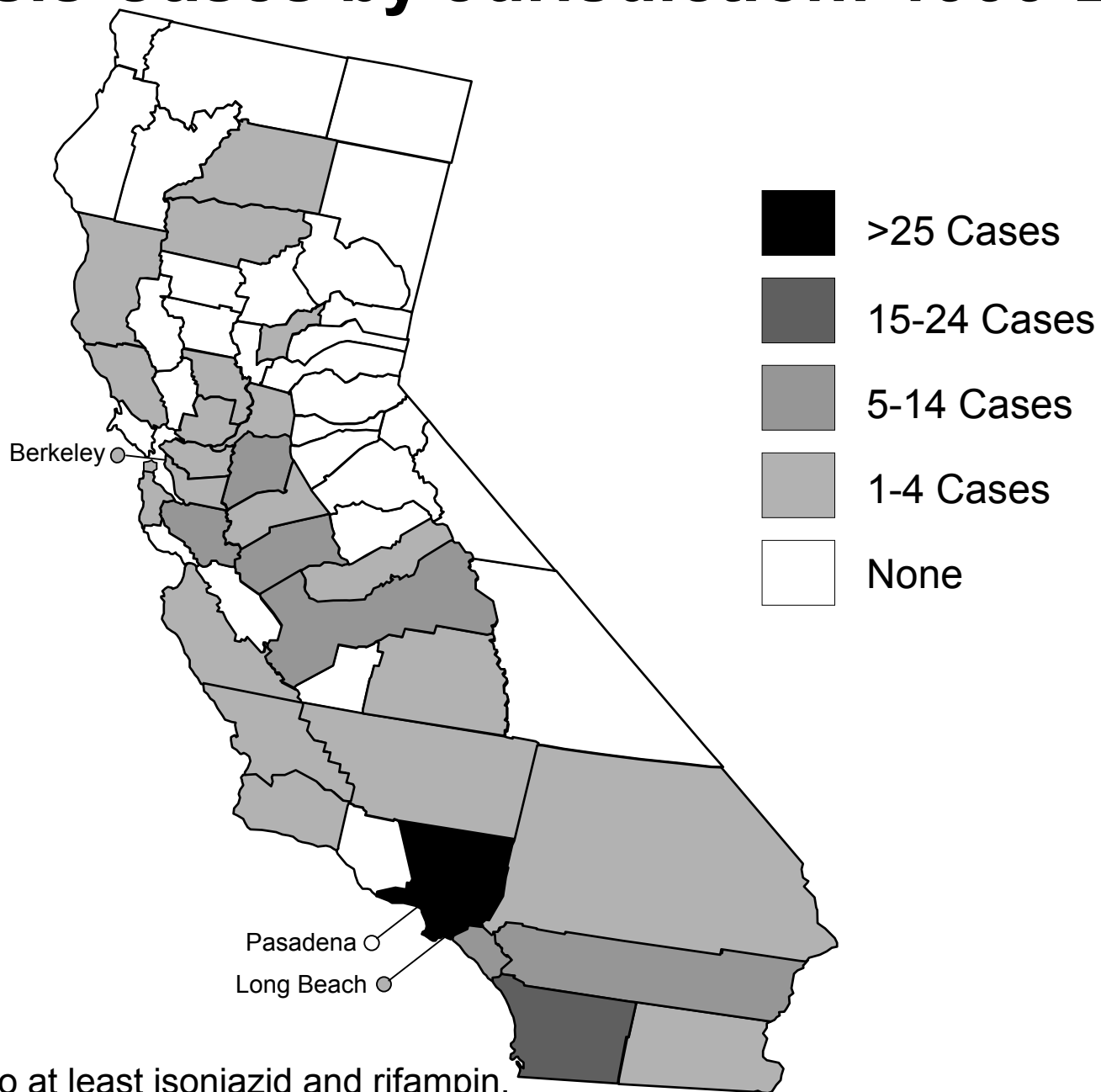


# Figure 12. Tuberculosis Cases with MDR\* and Resistance to Isoniazid: California, 1995-2003



\*Cases with resistance to at least isoniazid and rifampin.

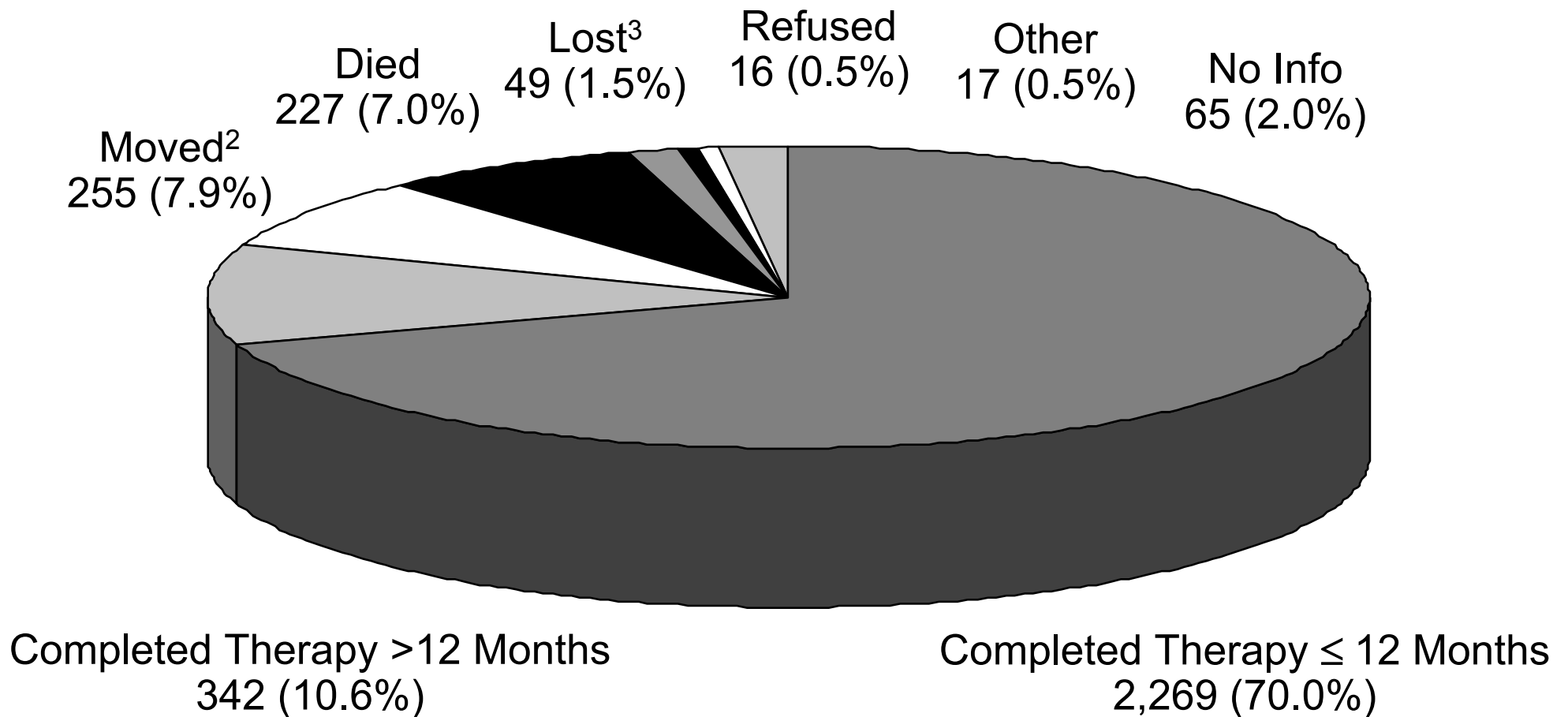
# Figure 13. Multidrug-resistant\* Tuberculosis Cases by Jurisdiction: 1999-2003



\*Cases with resistance to at least isoniazid and rifampin.

Tuberculosis Control Branch, California Department of Health Services

# Figure 14. Tuberculosis Cases<sup>1</sup> by Reason Therapy Stopped: California, 2001

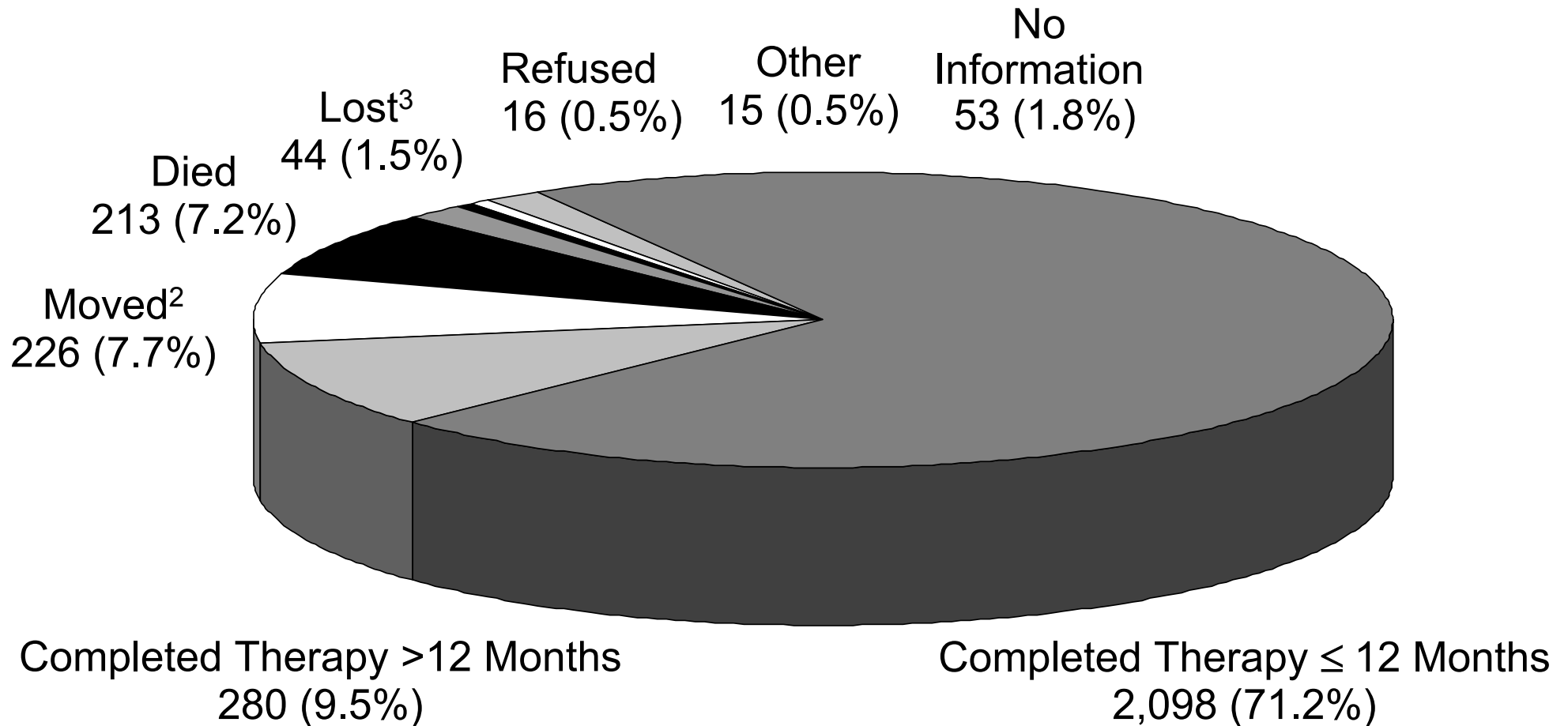


<sup>1</sup> Patient alive at diagnosis and started on an initial drug regimen of one or more drugs.

<sup>2</sup> Patient moved to another jurisdiction with a known forwarding address before treatment was completed.

<sup>3</sup> Patient could not be located prior to the completion of treatment.

# Figure 15. Drug-Susceptible Tuberculosis Cases<sup>1</sup> by Reason Therapy Stopped: California, 2001

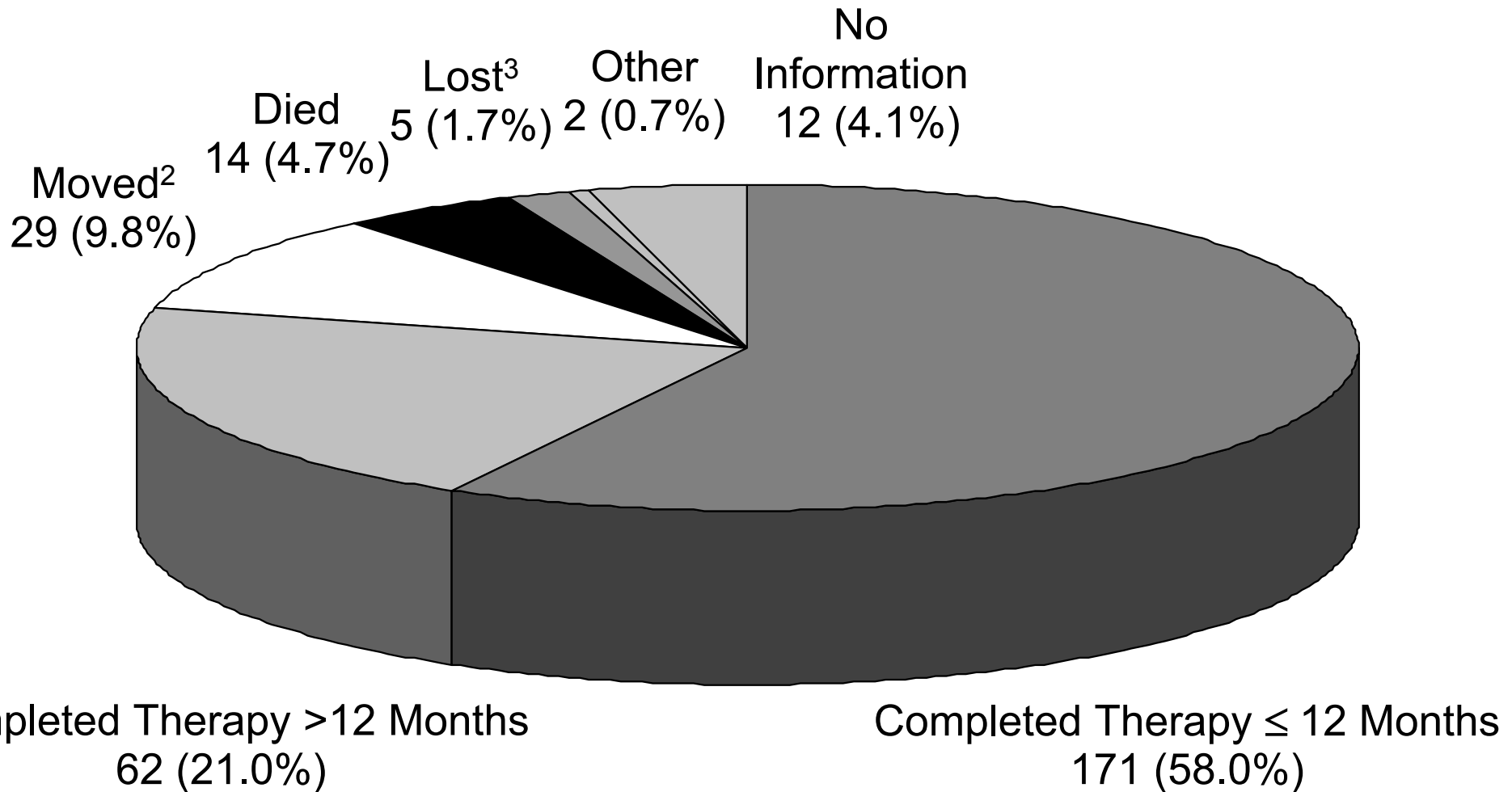


<sup>1</sup> Patient alive at diagnosis and started on an initial drug regimen of one or more drugs, including cases with disease that is susceptible to isoniazid, rifampin, and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

<sup>2</sup> Patient moved to another jurisdiction with a known forwarding address before treatment was completed.

<sup>3</sup> Patient could not be located prior to the completion of treatment.

# Figure 16. Drug-Resistant Tuberculosis Cases<sup>1</sup> by Reason Therapy Stopped: California, 2001

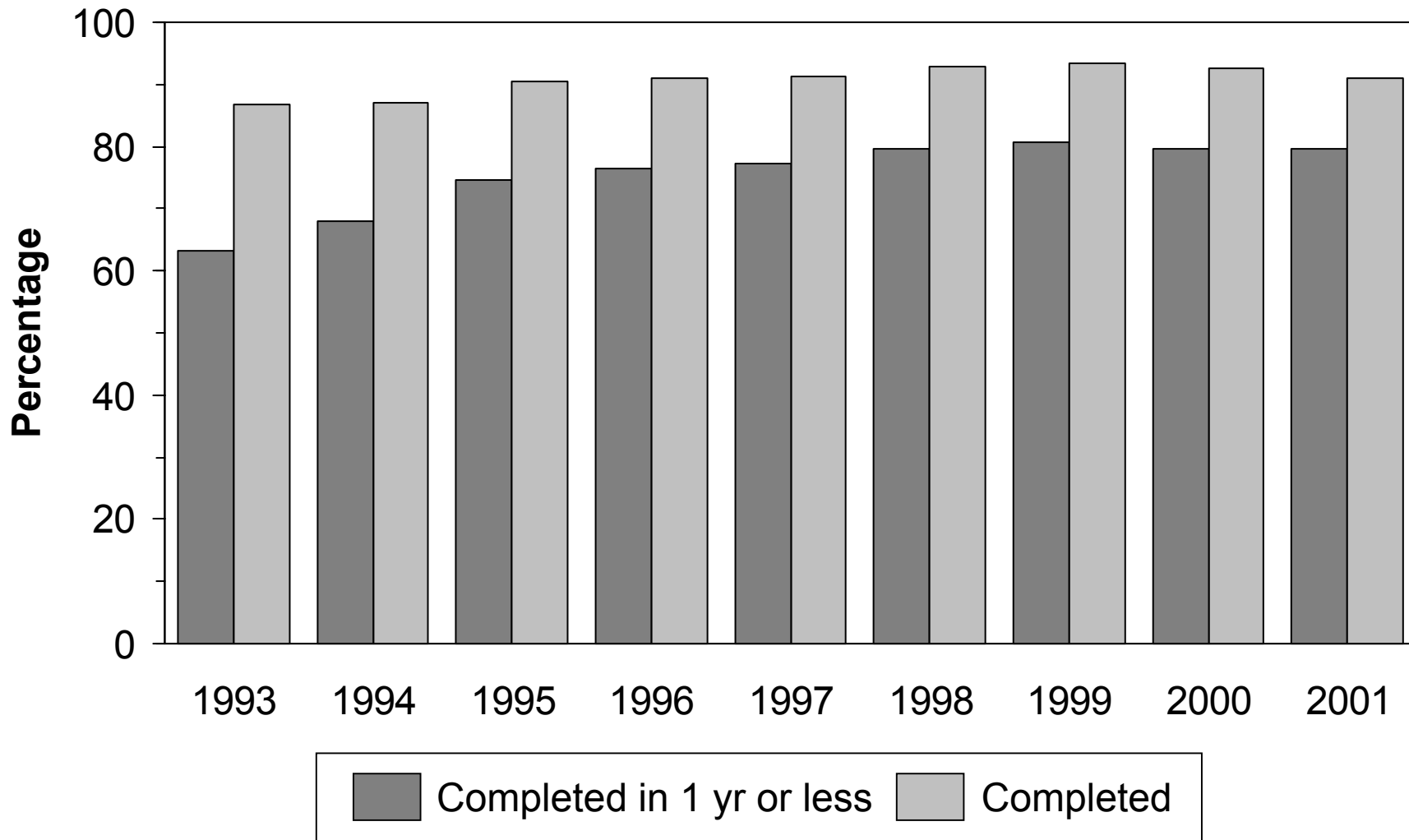


<sup>1</sup> Patient alive at diagnosis and started on an initial drug regimen of one or more drugs; all patients have disease that is resistant to isoniazid, rifampin, and/or pyrazinamide.

<sup>2</sup> Patient moved to another jurisdiction with a known forwarding address before treatment was completed.

<sup>3</sup> Patient could not be located prior to the completion of treatment.

# Figure 17. Completion of Tuberculosis Therapy, California, 1993-2001



Note: Persons with initial isolate resistant to rifampin, children under 15 years old with meningeal, bone or joint, or miliary disease and all persons who died during treatment were excluded.

## Appendix

### Technical Notes

#### Reporting Jurisdictions

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

#### Tuberculosis Cases

TB cases submitted to the TBCB Registry by January 15, 2004, were counted as cases in 2003. After reporting the case, a jurisdiction may subsequently decide that a reported case did not have TB, and this case will be deleted from the TB database. Also, a few cases may be reported after the submission deadline; these additions 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 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

County population totals, and data by age, sex, and race/ethnic group for California are from the following reference: State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 1970-2040*, Sacramento, California, December 1998. At the time this report was created, the population files had not been revised with data from the 2000 U.S. census. To provide comparable city population estimates, the annual percent increases in population between 2000 and 2003 reported in the E-1 reports (State of California, Department of Finance, *E-1 City/County Population Estimates, with Annual Percent Change, Sacramento, California, May 2001, May 2002, May 2003*) which were benchmarked to the 2000 U.S. census were applied to the 2000 city estimates from: State of California, Department of Finance, *City/County Population Estimates with Annual Percentage Change, January 1, 1999 and 2000*, Sacramento, California, May 2000, benchmarked to the 1990 census.

#### 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 2003: Colusa, Del Norte, Glenn, Humboldt, Inyo, Kings, Lake, Nevada, San Benito, Tehama, and Yuba. The following 13 jurisdictions had no TB cases in 2003: Alpine, Amador, Calaveras, El Dorado, Lassen, Mariposa, Modoc, Mono, Plumas, Sierra, Siskiyou, Trinity, and Tuolumne.

## Race/Ethnicity

The Report of Verified Case of Tuberculosis (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 race groups. In 2003, 1,321 persons were reported as Asian only (not Hispanic), and 26 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. Five persons reported more than one race category: four persons reported as both Asian and Pacific Islander/Native Hawaiian (not Hispanic) are included in the combined Asian/Pacific Islander group. One person reported as both Black and White (not Hispanic) is included in the Black race/ethnic group. Reassignment of race category is based on the Deterministic Whole Assignment (Smallest Group) method. In Table 17, (Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2003), the new, extended, race/ethnic categories are reported.

## AIDS-associated Tuberculosis

Tuberculosis cases co-infected with the HIV virus, and diagnosed and reported with AIDS, are identified by matching TBCB Registry data with the case registry in the Office of AIDS, California Department of Health Services. At the time of this report, the match results were not available for 2003.

## Ranking of Jurisdictions

For Table 12, jurisdictions are ranked in order of decreasing 2003 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 both given the higher rank; the subsequent rank is skipped.

### Case Completion Reports

The source of data for tables and figures on directly observed therapy (DOT), health care provider type, and treatment outcomes (Tables 27, 28, 47-51, Figures 14-16) is the Case Completion Report (Follow-up 2) submitted by 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 case moved from jurisdiction A to jurisdiction B and completes therapy there, 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 receives 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, 1993-2001) 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. The calculations for this figure are identical to the methodology used by the CDC to calculate completion of TB therapy. Patients with resistance to rifampin, patients under 15 years of age with meningeal, bone or joint, or miliary disease, and patients who died during treatment were excluded from this analysis. The percentage of patients who completed therapy in one year or less are presented, as well as the percentage of patients who completed therapy, regardless of duration.

### Drug Susceptibility Reports

This report presents drug susceptibility results for the most recent year (2003). 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 preparation, drug susceptibility testing was approximately 94 percent complete for culture positive TB cases. As the final 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).

### 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 366 days or less); completed therapy in more than 12 months

(treatment completed in more than 366 days, or treatment completed in 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.