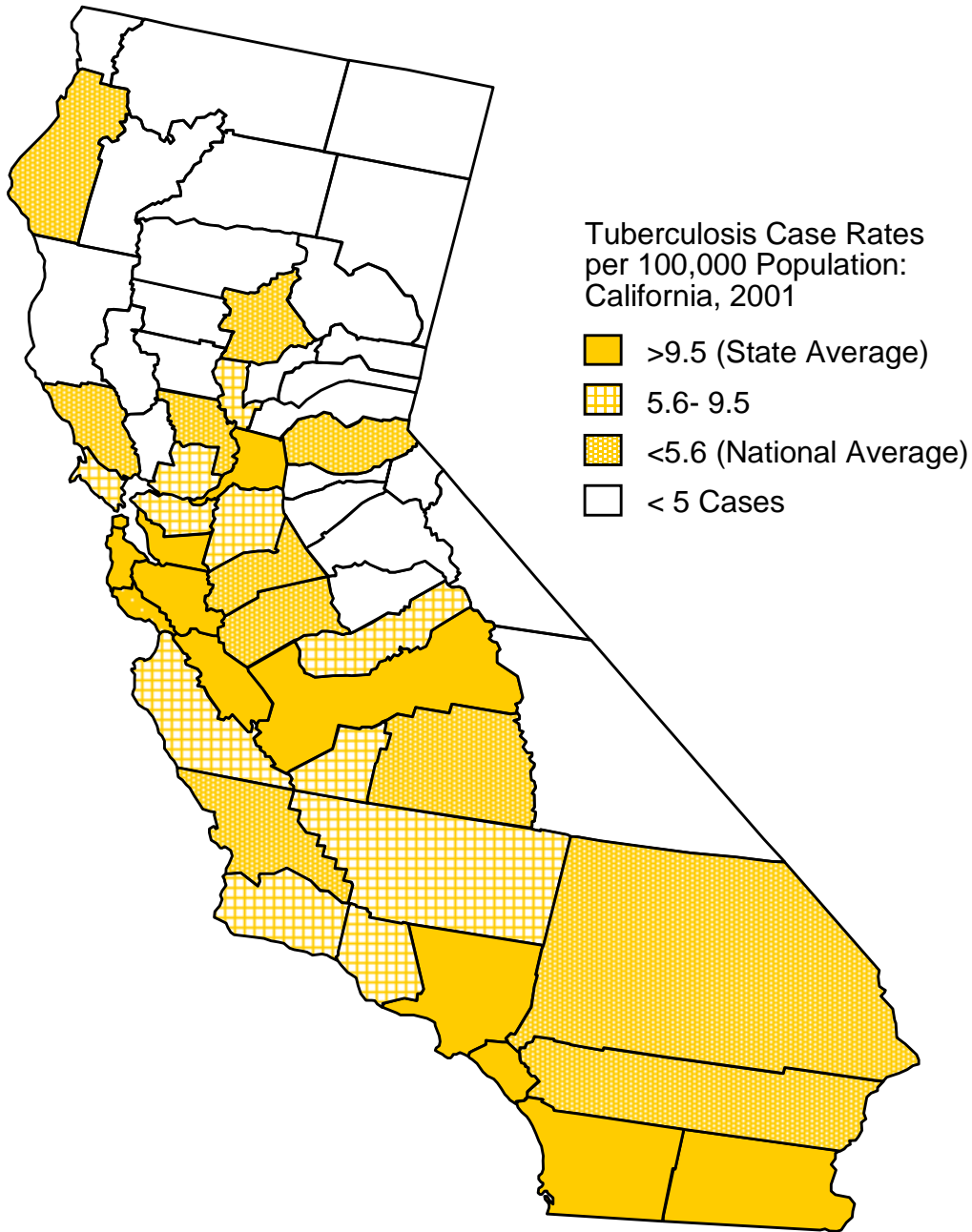


REPORT ON TUBERCULOSIS IN CALIFORNIA, 2001



June 2002

Gray Davis, Governor
State of California

Grantland Johnson, Secretary
California Health and Human Services Agency

Diana M. Bontá, R.N., Dr.P.H., Director
Department of Health Services



Report on Tuberculosis In California, 2001

GRAY DAVIS
Governor
State of California

Department of Health Services
Division of Communicable Disease Control
Tuberculosis Control Branch
2151 Berkeley Way, Room 608
Berkeley, CA 94704-1011
(510) 540-2973

June 2002



Grantland Johnson, Secretary
California Health and Human Services Agency



Diana M. Bontá, R.N., Dr.P.H., Director
Department of Health Services

**Report on Tuberculosis in California, 2001
California Department of Health Services
Division of Communicable Disease Control
Tuberculosis Control Branch**

June 2002

Suggested Citation: California Department of Health Services. Report on Tuberculosis in California, 2001. June2002 (inclusive page numbers)

Division of Communicable Disease ControlJames A. Felten, M.P.A.
Assistant Chief

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

Surveillance and Epidemiology Section Jennifer Flood, M.D., M.P.H.
Chief

Tuberculosis Registry Janice Westenhause, M.P.H.
Registry Coordinator
Bill Elms
Cathyn Fan
Ahn Jiwajinda
Linda Johnson
Daphne Ling
Erin McNelley

For more information, contact the Tuberculosis Control Branch at the following address and phone number:

2151 Berkeley Way, Room 608
Berkeley, CA 94704
Phone: (510) 540-2973

Cover: The map illustrates tuberculosis case rates by reporting jurisdiction in 2001. Fifteen jurisdictions have tuberculosis case rates above the state average of 9.5 cases per 100,000 population. Eleven jurisdictions have tuberculosis case rates below the 2001 national rate of 5.6 per 100,000 population. Eleven jurisdictions have case rates between the national and state rates (5.6 to 9.5 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.



DIANA M. BONTÁ, R.N., Dr. P.H.
Director

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



GRAY DAVIS
Governor

June 1, 2002

Dear Colleague:

Following eight years of decline, the number of tuberculosis (TB) cases in California increased slightly to 3,332 in 2001. For the first time in eight years, the case rate failed to fall. These facts remind us that TB remains a serious health threat in our state. California continues to report approximately 20% of the nation's TB cases, and nearly twice the national rate of disease (9.5 cases per 100,000 vs. 5.6 per 100,000).

California has made great strides in tuberculosis control since the peak of the epidemic in 1992, including decreasing case numbers by 38%, and increasing the percent of cases completing therapy within 12 months and receiving directly observed therapy. However, this year's increase in cases is a reminder that we cannot lose focus of our goal for TB control and eventual elimination. Groups experiencing an increase in cases over last year include children aged 0-4, and those of Hispanic or Asian/Pacific Islander race/ethnicity. The number of cases born outside the United States also increased. These populations, as well as patients with special needs such as multi-drug resistant disease, or a co-diagnosis of acquired immunodeficiency syndrome (AIDS) will require continued vigilance in the years to come.

I extend my thanks to those who contributed to the fight against TB in California in the past year. I hope that you will find the information contained in this report useful in your continuing efforts.

Sincerely,

Sarah E. Royce, M.D., M.P.H., Chief
Tuberculosis Control Branch
Division of Communicable Disease Control



Do your part to help California save energy. To learn more about saving energy, visit the following web site:
www.consumerenergycenter.org/flex/index.html

2151 Berkeley Way, Room 608, Berkeley, CA, 94704
(510) 540-2973

Internet Address: www.dhs.ca.gov

CONTENTS

Introduction	1
Acknowledgment	1
Executive Summary	2
Tuberculosis in California: 2001 and Recent Trends	
Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2001.....	6
Table 2. Tuberculosis Cases by Sex, Age Group, Race/Ethnicity, Birthplace: California, 1992-2001.....	7
Table 3. Tuberculosis Case Rates per 100,000 Population by Sex, Age Group, Race/Ethnicity: California, 1992-2001.....	8
Table 4. Tuberculosis Cases by Race/Ethnicity, Age Group: California, 1992-2001.....	9
Table 5. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity and Age Group: California, 1992-2001.....	10
Table 6. Tuberculosis Cases by Race/Ethnicity, Sex, and Age Group: California, 2001.....	11
Table 7. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Sex and Age Group: California, 2001.....	12
Table 8. Tuberculosis Cases in U.S.-born Persons by Race/Ethnicity, Sex and Age Group: California, 2001.....	13
Table 9. Tuberculosis Cases in Foreign-born Persons by Race/Ethnicity, Sex and Age Group: California, 2001.....	14
Table 10. Tuberculosis Cases in Foreign-born Persons by Country of Origin and Time in United States: California, 2001.....	15
Table 11. AIDS-associated Tuberculosis by Demographic Characteristics and Risk Factor for Tuberculosis, 1995-2000.....	16
Demographics of Tuberculosis: Reporting Jurisdictions in California, 2001 and Recent Trends	
Table 12. Tuberculosis Cases, Rate per 100,000 Population, and Rank according to Rate: Reporting Jurisdictions in California, 2000-2001.....	17
Table 13. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 1992-2001.....	18
Table 14. Tuberculosis Case Rates per 100,000 Population: Reporting Jurisdictions in California, 1992-2001.....	19
Table 15. Tuberculosis Cases by Age Group: Reporting Jurisdictions in California, 2001.....	20
Table 16. Tuberculosis Cases in Persons 0-4 Years of Age: Reporting Jurisdictions In California, 1994-2001.....	21
Table 17. Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2001.....	22
Table 18. Tuberculosis Cases by U.S.-born and Foreign-born Persons: Reporting Jurisdictions in California, 2001.....	23
Table 19. Tuberculosis Cases in Foreign-born Persons by Time in the United States: Reporting Jurisdictions in California, 2001.....	24

Characteristics of Tuberculosis Disease and Its Management: Reporting Jurisdictions in California, 1999 and 2001

Table 20. Tuberculosis Cases by Form of Disease: Reporting Jurisdictions in California, 2001.....	25
Table 21. Tuberculosis Cases by Verification Criteria: Reporting Jurisdictions in California, 2001.....	26
Table 22. Pulmonary Tuberculosis Cases by Sputum Smear Status: Reporting Jurisdictions in California, 2001	27
Table 23. Pulmonary Tuberculosis Cases by Chest X-ray Status: Reporting Jurisdictions in California, 2001	28
Table 24. Tuberculosis Cases by Vital Status at Diagnosis and Initiation of Treatment: California, 2001.....	29
Table 25. Deaths in Persons with Tuberculosis: Reporting Jurisdictions in California, 1999	30
Table 26. Tuberculosis Cases by Initial Drug Regimen: Reporting Jurisdictions in California, 2001.....	31
Table 27. Tuberculosis Cases by Type of Health Care Provider: Reporting Jurisdictions in California, 1999.....	32
Table 28. Tuberculosis Cases by Type of Therapy Administration: Reporting Jurisdictions in California, 1999.....	33

Risk Factors for Tuberculosis: Reporting Jurisdictions in California, 2001 and Recent Trends

Table 29. Tuberculosis Cases by AIDS Diagnosis: Reporting Jurisdictions in California, 1994-2000.....	34
Table 30. Tuberculosis Cases Among Residents of Correctional Facilities: Reporting Jurisdictions in California, 2001.....	35
Table 31. Tuberculosis Cases by Homeless Status: Reporting Jurisdictions in California, 2001.....	36
Table 32. Tuberculosis Cases Among Persons in Long-term Care Facilities: Reporting Jurisdictions in California, 2001.....	37
Table 33. Tuberculosis Cases Among Persons Using Injecting Drugs: Reporting Jurisdictions in California, 2001.....	38
Table 34. Tuberculosis Cases Among Persons Using Noninjecting Drugs: Reporting Jurisdictions in California, 2001.....	39
Table 35. Tuberculosis Cases Among Persons Using Excess Alcohol: Reporting Jurisdictions in California, 2001.....	40
Table 36. Tuberculosis Cases by Occupation: Reporting Jurisdictions in California, 2001	41

Drug Resistance: Reporting Jurisdictions in California, 2001 and Recent Trends

Table 37. Tuberculosis Cases by Initial Drug Susceptibility Testing: Reporting Jurisdictions in California, 2001.....	42
Table 38. Tuberculosis Cases by Resistance to Isoniazid and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	43
Table 39. Tuberculosis Cases by Resistance to Rifampin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	44
Table 40. Tuberculosis Cases by Resistance to Ethambutol and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	45

Table 41. Tuberculosis Cases by Resistance to Pyrazinamide and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	46
Table 42. Tuberculosis Cases by Resistance to Streptomycin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	47
Table 43. Tuberculosis Cases by Resistance to Isoniazid and Rifampin, and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	48
Table 44. Tuberculosis Cases by Resistance to at Least One First-Line Drug and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001.....	49
Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 1995-2001	50
Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1995-2001	52

Treatment Outcomes: California and Reporting Jurisdictions, 1999

Table 47. Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 1999.....	54
Table 48. Drug-Susceptible Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 1999.....	56
Table 49. Drug-Resistant Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 1999.....	58
Table 50. Tuberculosis Cases by Reason Therapy Stopped and Risk Factor for Tuberculosis: California, 1999.....	60
Table 51. Drug-Susceptible Tuberculosis Cases by Reason Therapy Stopped and Risk Factor for Tuberculosis: California, 1999.....	61

Figures

Figure 1. Number of Tuberculosis Cases, California, 1930-2001	62
Figure 2. Number of Tuberculosis Cases and Case Rates, California 1993-2001	63
Figure 3. Tuberculosis Cases by Race/Ethnicity: California, 2001.....	64
Figure 4. Tuberculosis Case Rates by Racial/Ethnic Group: California, 1992-2001.....	65
Figure 5. Tuberculosis Cases in Foreign-born and U.S.-born Persons: California, 1992-2001.....	66
Figure 6. Tuberculosis Cases by Country of Origin: California, 2001	67
Figure 7. Tuberculosis Cases in Persons 0-4 Years of Age: California, 1993-2001	68
Figure 8. Tuberculosis Cases by Verification Criteria: California, 2001.....	69
Figure 9. Deaths in Persons with Tuberculosis: California, 1994-1999	70
Figure 10. Tuberculosis Cases by AIDS Diagnosis: California, 1993-2000	71
Figure 11. AIDS-Associated Tuberculosis by Race/Ethnicity: California, 1993-2000	72
Figure 12. Tuberculosis Cases with MDR and Resistance to Isoniazid, California, 1994-2001	73
Figure 13. Multi-Drug Resistant Tuberculosis Cases by Jurisdiction, California, 1995-2001	74
Figure 14. Tuberculosis Cases by Reason Therapy Stopped: California, 1999.....	75
Figure 15. Drug-Susceptible Tuberculosis Cases by Reason Therapy Stopped: California, 1999	76
Figure 16. Drug-Resistant Tuberculosis Cases by Reason Therapy Stopped: California, 1999.....	77

Appendix

Technical Notes	78
-----------------------	----

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 Center 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 the 19 largest jurisdictions, allowing 93% of TB cases to be reported electronically to TBCB.

Each year, TBCB has released a set of data tables on TB morbidity in California. Several of the tables present data that have also been selected as key indicators of the Tuberculosis Indicators Project (TIP). Indicators of sentinel events of TB control included in this report are the number of pediatric cases in a jurisdiction (Tables 15-16), and the number of cases that die with tuberculosis (Tables 24-25, 47-51). Indicators of timely completion of appropriate tuberculosis therapy include the proportion of cases started on a four-drug regimen (Table 26), the proportion of cases completing therapy in 12 months or less and the proportion of cases lost to follow-up during treatment (Tables 47-51).

Acknowledgement

The TBCB would like to acknowledge surveillance and reporting staff in all reporting jurisdictions. Without their hard work we would not have data for this publication. We are also extremely grateful to the staff of the Office of AIDS, California Department of Health Services for providing us with data on TB cases co-infected with HIV.

Executive Summary

Following an eight year decline, the number of tuberculosis cases increased in California in 2001. A total of 3,332 cases were reported in 2001, an increase of approximately 1% from 3,297 cases in 2000 (Table 1). The number of cases in the United States declined slightly to 15,991. California continues to contribute the greatest number of cases to the nation's total (21%). The rate of tuberculosis in the United States was 5.6 cases per 100,000 population. The tuberculosis rate in California was 9.5 per 100,000, placing it second among all states. This is the first time in eight years that the TB case rate in California did not decline.

Geographic Distribution of Cases

An increase in case numbers was seen in 26 of the 61 (43%) local health jurisdictions in California (Table 13). Of the jurisdictions reporting 30 or more TB cases in 2001, more than half (10/18, 56%) experienced an increase in cases. The large urban areas of San Francisco, Orange and San Diego all reported increases, while Los Angeles and Santa Clara both reported a decline in cases compared with the previous year. Thirteen jurisdictions reported no TB cases in 2001, while 11 jurisdictions reported between one and four cases each. California is developing a plan to ensure that resources are available to maintain TB control in low morbidity jurisdictions (defined as averaging 30 or fewer TB cases per year over the years 1998-2000), as recommended in the Institute of Medicine report, *Ending Neglect: The Elimination of Tuberculosis in the United States*. The California Tuberculosis Control Branch has also developed an Outbreak Response Plan which will help ensure that expertise and resources are available in the field when needed.

Demographic Characteristics of TB Cases

Among race/ethnic groups, both Hispanics and Asian/Pacific Islanders experienced an increase in case numbers in 2001 (Table 2). The greatest number of cases continues to occur among Asian/Pacific Islanders, followed closely by Hispanics. Large disparities continue to exist between race/ethnic groups. Asian/Pacific Islanders exhibited the highest rate of TB (33.8 per 100,000) in 2001, followed distantly by Black, non-Hispanics (12.4 per 100,000), Hispanics (11.4 per 100,000) and American Indian/Alaska Natives (7.7 per 100,000) (Table 3). White, non-Hispanics, with a rate of 2.1 per 100,000, are the only race/ethnic group to have met the Year 2000 National Objective of 3.5 cases per 100,000 population. The rate of TB among white, non-Hispanics has declined steadily since 1991 when the rate was 5.1 per 100,000 population.

The number of individuals with reported TB born outside the United States increased by nearly 5% in 2001 (Table 2). The proportion of all TB cases among the foreign-born has risen dramatically since the peak of the epidemic in 1992.

In 1992, 61% of all TB cases were born outside the U.S.; in 2001 75% of cases were foreign-born (Table 2). Countries reporting the largest number of foreign-born cases were Mexico (n=791), Philippines (n=496), Vietnam (n=274), China (n=184) and India (n=120). A recent analysis of the epidemiology of Mexican born TB cases found that although the number of Mexican born cases has decreased in recent years, the incidence of disease in this group remains seven times higher than in the U.S.-born population. The initiative developed by the Centers for Disease Control and Prevention (CDC), Division of Quarantine to establish electronic notification to states of immigrants and refugees arriving with suspected TB (B1/B2 status) is one approach that will enhance the opportunities for testing and treatment of persons with TB infection and disease, and ultimately serve to decrease the number of cases seen in this group. Plans to include identification of Visa status as a revision to the Report of Verified Case of Tuberculosis (RVCT) may also assist in identifying groups of foreign-born cases where outreach and screening efforts may be effective in decreasing case numbers.

In 2001, TB cases in young children aged 0-4 years increased nearly 15% to 133 cases in 2001, from 116 cases in 2000. Pediatric cases of TB serve as sentinel indicators of missed opportunities for early detection and treatment of the index cases. This increase in pediatric cases is a red flag which signified continuing transmission. Early detection of infectious cases and rapid and effective contact investigations are critical to diminish tuberculosis cases in young children. TBCB is developing a model for contact investigation improvement, and the pediatric cases are examined in each of the high morbidity counties as part of the TB Indicators Project (TIP). An in-depth investigation of pediatric cases which examines the reasons for continued occurrence of disease in selected high morbidity counties is being implemented.

HIV/AIDS

In 2000, 4.4% of TB cases had a co-diagnosis of AIDS, down from 8.6% in 1995 (Table 11). TB/AIDS cases were reported in 21 jurisdictions in California, including seven jurisdictions reporting 30 or fewer total cases. While all race/ethnic groups have experienced a decrease in the proportion of TB cases with AIDS since 1995, the decline among Hispanics was modest compared with white, non-Hispanics (38% vs. 58%). The findings that nearly one-fourth of TB/AIDS cases occurred among those age 45 and over, and one-half of the cases were in those born outside the United States have implications for HIV testing policies in local TB programs. The Tuberculosis Control Branch has been working with local health jurisdictions to increase the offers of HIV counseling and testing to those TB patients at increased risk of HIV infection.

Drug Resistance

The frequency of isoniazid (INH) resistance among cases fell slightly to 8.9% in 2001 (Table 45). Among those with a previous diagnosis of TB, the level of INH resistance was 15.9%. Where INH resistance exceeds 4%, the recommendation is to start all TB cases on an initial regimen of four drugs. In 2001, the proportion of cases started on a 4-drug regimen increased to 88% (Table 26).

In 2001, there were 25 (1%) cases of multi-drug resistant tuberculosis (resistant to at least isoniazid and rifampin) reported in California. Since 1995, more than half of the local health jurisdictions in California have experienced one or more cases of multi-drug resistant (MDR) TB. Cases of MDR-TB are more difficult to treat, often requiring more expensive and more toxic drugs. These cases require an increased duration of treatment, and cases may remain infectious for longer periods of time. As a result, there are an estimated 70 MDR-TB cases under treatment each year. The California Tuberculosis Control Branch is developing a MDR consultation service to ensure that the appropriate expertise in treating these difficult cases is available when needed.

Deaths with TB

The death of a person with tuberculosis represents a sentinel event that may indicate a missed opportunity for the timely detection and treatment of disease, and the prevention of transmission of disease to others. In 2001, 49 cases were dead at the time tuberculosis was diagnosed (Table 24). In 1999, 238 cases died during TB treatment, while 8 were alive at the time of TB diagnosis, but died before anti-tuberculosis treatment could be initiated (Table 25). Deaths at any stage of TB diagnosis and treatment should be further investigated to ascertain whether TB was a contributing cause of death, and if the death was potentially preventable.

Treatment Outcomes

For cases counted in 1999, approximately 73% of drug-susceptible cases completed treatment in 12 months or less (Table 48). While this is a substantial improvement over the 58% of patients completing treatment in this time period in 1993, it is not an improvement over the completion rate in 1998, which was also 73%. The proportion of drug-susceptible patients who ever completed treatment (including completion in more than 12 months), also remained stable at 83% between 1998 and 1999. In 1999, adverse treatment outcomes (died during therapy, lost-to-follow-up, or refused treatment) also remained at levels reported in 1998.

TB Patients who Move

Approximately 8% of patients starting treatment in California moved out of their reporting jurisdiction prior to treatment completion (Table 47). Of these, 45% moved to another jurisdiction within California, 20% moved to another state, and 35% moved out of the United States. While the destination receiving the moved patient is responsible for continuing the care of that patient, the TBCB has been successful in obtaining final treatment outcomes on only a fraction of this group of patients who are at high risk for defaulting from treatment. To improve the reporting of treatment outcomes on patients whose care is transferred between states, the National Tuberculosis Controllers Association (NTCA) has developed a standardized form for use in forwarding information on the patient, as well as to return the treatment outcome status to the originating, reporting jurisdiction. The TBCB is also investigating ways to increase the successful transfer of care of patients who move between jurisdictions in California, as well as improve the reporting of final treatment outcomes to the state. In future reports, final treatment outcomes on patients who moved within California or the U.S. will be published.

Of the TB patients who move out of the country, approximately 40% move to Mexico. CURE-TB, located in San Diego, is working with TB programs in Mexico and the U.S. to ensure that TB cases who move between the two countries, or are frequent border crossers, are able to successfully complete treatment.

Citations

Ending neglect: the elimination of tuberculosis in the United States. Lawrence Geiter, editor. Committee on the Elimination of Tuberculosis in the United States, Division of Health Promotion and Disease Prevention, Institute of Medicine; 2000.

Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2001

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

Tuberculosis Control Branch, California Department of Health Services

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, Birthplace: California, 1992-2001

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent Change	
											1992-2001	2000-2001
Total Cases	5,382	5,173	4,860	4,675	4,313	4,059	3,855	3,608	3,297	3,332	-38.1	1.1
Race/Ethnicity												
White, Not Hispanic	870	762	711	659	594	524	518	448	391	365	-58.0	-6.6
Black, Not Hispanic	768	711	630	592	551	421	384	376	322	292	-62.0	-9.3
Hispanic	2,059	2,003	1,804	1,691	1,549	1,431	1,401	1,340	1,198	1,252	-39.2	4.5
Asian/Pacific Islander	1,660	1,669	1,692	1,702	1,601	1,661	1,527	1,415	1,367	1,399	-15.7	2.3
American Indian/Alaska Native	20	23	20	16	13	17	25	18	16	16	-20.0	0.0
Unknown	5	5	3	15	5	5	-	11	3	8	60.0	.
Age Group												
0-4	354	337	285	249	222	192	164	153	116	133	-62.4	14.7
5-14	212	199	204	181	144	132	92	116	89	92	-56.6	3.4
15-24	595	539	506	437	416	419	358	334	328	318	-46.6	-3.0
25-44	2,067	1,915	1,729	1,623	1,503	1,341	1,276	1,161	1,058	1,109	-46.3	4.8
45-64	1,234	1,235	1,161	1,171	1,079	1,088	1,063	976	944	953	-22.8	1.0
65+	920	946	975	1,010	944	887	902	868	762	727	-21.0	-4.6
Unknown	-	2	-	4	5	-	-	-	-	-	.	.
Sex												
Male	3,437	3,245	3,031	2,909	2,694	2,499	2,347	2,166	1,974	2,029	-41.0	2.8
Female	1,945	1,928	1,829	1,765	1,617	1,560	1,508	1,442	1,323	1,300	-33.2	-1.7
Unknown	-	-	-	1	2	-	-	-	-	3	.	.
Birthplace												
U.S.-born	2,055	1,873	1,754	1,573	1,447	1,226	1,136	1,061	904	824	-59.9	-8.8
Foreign-born	3,284	3,251	3,101	3,086	2,843	2,815	2,701	2,519	2,377	2,482	-24.4	4.4
Unknown	43	49	5	16	23	18	18	28	16	26	-39.5	62.5

- 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 1992-2001

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent Change	
											1992-2001	2000-2001
Total Cases	17.3	16.4	15.3	14.6	13.3	12.3	11.5	10.6	9.5	9.5	-45.1	0.0
Race/Ethnicity												
White, Not Hispanic	5.0	4.4	4.1	3.8	3.5	3.1	3.0	2.6	2.2	2.1	-58.0	-4.5
Black, Not Hispanic	35.0	32.1	28.2	26.3	24.2	18.3	16.6	16.2	13.8	12.4	-64.6	-10.1
Hispanic	24.5	23.1	20.3	18.6	16.6	14.8	14.0	12.9	11.2	11.4	-53.5	1.8
Asian/Pacific Islander	55.0	53.3	52.3	51.0	46.4	46.4	41.1	36.7	34.2	33.8	-38.5	-1.2
American Indian/Alaska Native	10.5	12.0	10.4	8.3	6.7	8.6	12.5	8.9	7.8	7.7	-26.7	-1.3
Age Group												
0-4	12.7	11.8	9.8	8.6	7.8	6.9	5.9	5.5	4.2	4.7	-63.0	11.9
5-14	4.8	4.4	4.4	3.8	2.9	2.6	1.7	2.1	1.6	1.6	-66.7	0.0
15-24	13.2	12.2	11.7	10.3	9.9	9.8	8.2	7.4	7.1	6.7	-49.2	-5.6
25-44	19.3	17.8	16.1	15.1	14.0	12.4	11.8	10.8	9.8	10.4	-46.1	6.1
45-64	22.7	22.0	20.1	19.7	17.5	17.0	16.0	14.1	13.1	12.6	-44.5	-3.8
65+	27.9	28.3	28.8	29.4	27.1	25.1	25.1	23.8	20.5	19.2	-31.2	-6.3
Sex												
Male	22.0	20.6	19.0	18.1	16.6	15.1	14.0	12.7	11.3	11.5	-47.7	1.8
Female	12.5	12.3	11.5	11.0	10.0	9.5	9.0	8.5	7.7	7.4	-40.8	-3.9

Tuberculosis Control Branch, California Department of Health Services

Table 4. Tuberculosis Cases by Race/Ethnicity and Age Group: California, 1992-2001

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent Change	
											1992-2001	2000-2001
Total Cases	5,382	5,173	4,860	4,675	4,313	4,059	3,855	3,608	3,297	3,332	-38.1	1.1
White, Not Hispanic	870	762	711	659	594	524	518	448	391	365	-58.0	-6.6
0-4	21	19	25	11	15	9	14	4	6	7	-66.7	16.7
5-14	12	15	10	5	6	7	2	9	6	2	.	.
15-24	36	28	29	16	18	21	14	10	14	15	-58.3	7.1
25-44	284	246	219	208	164	145	114	99	90	105	-63.0	16.7
45-64	255	238	187	181	183	163	179	146	133	120	-52.9	-9.8
65+	262	215	241	237	207	179	195	180	142	116	-55.7	-18.3
Unknown	-	1	-	1	1	-	-	-	-	-	.	.
Black, Not Hispanic	768	711	630	592	551	421	384	376	322	292	-62.0	-9.3
0-4	40	24	21	26	36	24	19	15	9	12	-70.0	33.3
5-14	17	22	15	16	16	13	14	12	7	10	-41.2	42.9
15-24	54	35	40	28	35	29	22	39	28	18	-66.7	-35.7
25-44	396	375	334	269	248	179	149	146	122	111	-72.0	-9.0
45-64	184	189	156	182	152	124	126	117	117	101	-45.1	-13.7
65+	77	66	64	70	63	52	54	47	39	40	-48.1	2.6
Unknown	-	-	-	1	1	-	-	-	-	-	.	.
Hispanic	2,059	2,003	1,804	1,691	1,549	1,431	1,401	1,340	1,198	1,252	-39.2	4.5
0-4	258	240	195	173	144	119	101	114	77	96	-62.8	24.7
5-14	154	121	133	124	101	71	56	82	56	65	-57.8	16.1
15-24	329	299	277	224	204	194	189	161	183	180	-45.3	-1.6
25-44	803	775	655	632	602	524	526	469	418	443	-44.8	6.0
45-64	351	364	340	323	317	318	320	306	288	286	-18.5	-0.7
65+	164	203	204	213	179	205	209	208	176	182	11.0	3.4
Unknown	-	1	-	2	2	-	-	-	-	-	.	.
Asian/Pacific Islander	1,660	1,669	1,692	1,702	1,601	1,661	1,527	1,415	1,367	1,399	-15.7	2.3
0-4	35	53	44	39	27	39	26	19	23	18	-48.6	-21.7
5-14	29	41	46	33	21	40	20	13	19	15	-48.3	-21.1
15-24	176	176	159	169	157	172	131	122	103	105	-40.3	1.9
25-44	570	512	508	499	486	488	480	438	422	442	-22.5	4.7
45-64	434	431	473	478	420	476	430	396	399	438	0.9	9.8
65+	416	456	462	484	489	446	440	427	401	381	-8.4	-5.0
Unknown	-	-	-	-	1	-	-	-	-	-	.	.
American Indian/Alaska Native	20	23	20	16	13	17	25	18	16	16	-20.0	0.0
0-4	-	1	-	-	-	1	4	1	1	-	.	.
5-14	-	-	-	-	-	1	-	-	1	-	.	.
15-24	-	1	1	-	1	2	2	-	-	-	.	.
25-44	12	5	11	10	3	4	7	6	5	5	-58.3	0.0
45-64	8	12	5	5	5	6	8	9	6	8	0.0	33.3
65+	-	4	3	1	4	3	4	2	3	3	.	.
Race Unknown	5	5	3	15	5	5	-	11	3	8	60.0	.
0-4	-	-	-	-	-	-	-	-	-	-	.	.
5-14	-	-	-	3	-	-	-	-	-	-	.	.
15-24	-	-	-	-	1	1	-	2	-	-	.	.
25-44	2	2	2	5	-	1	-	3	1	3	.	.
45-64	2	1	-	2	2	1	-	2	1	-	.	.
65+	1	2	1	5	2	2	-	4	1	5	.	.

- 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, 1992-2001

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent Change	
											1992-2001	2000-2001
Total Cases	17.3	16.4	15.3	14.6	13.3	12.3	11.5	10.6	9.5	9.5	-45.1	0.0
White, Not Hispanic	5.0	4.4	4.1	3.8	3.5	3.1	3.0	2.6	2.2	2.1	-58.0	-4.5
0-4	1.8	1.6	2.2	1.0	1.5	0.9	1.4	.	0.6	0.7	-61.1	16.7
5-14	0.6	0.7	0.5	0.2	0.3	0.3	.	0.4	0.3	.	.	.
15-24	1.8	1.4	1.5	0.8	0.9	1.1	0.7	0.5	0.7	0.7	-61.1	0.0
25-44	4.8	4.2	3.8	3.7	2.9	2.6	2.1	1.9	1.7	2.1	-56.3	23.5
45-64	7.1	6.5	5.0	4.7	4.7	4.1	4.3	3.4	3.0	2.6	-63.4	-13.3
65+	10.3	8.4	9.5	9.3	8.1	7.0	7.6	6.9	5.4	4.4	-57.3	-18.5
Black, Not Hispanic	35.0	32.1	28.2	26.3	24.2	18.3	16.6	16.2	13.8	12.4	-64.6	-10.1
0-4	18.1	10.7	9.4	12.0	17.3	12.1	9.9	8.0	4.9	6.5	-64.1	32.7
5-14	4.8	6.1	4.0	4.2	4.1	3.3	3.4	2.9	1.7	2.4	-50.0	41.2
15-24	15.5	10.1	11.6	8.1	10.1	8.4	6.3	11.1	7.8	4.9	-68.4	-37.2
25-44	52.0	49.0	43.7	35.2	32.3	23.4	19.7	19.5	16.5	15.2	-70.8	-7.9
45-64	53.7	53.5	42.7	48.1	38.5	30.2	29.7	26.7	25.6	21.3	-60.3	-16.8
65+	47.7	40.3	38.6	41.6	36.7	29.3	30.2	26.1	21.2	21.3	-55.3	0.5
Hispanic	24.5	23.1	20.3	18.6	16.6	14.8	14.0	12.9	11.2	11.4	-53.5	1.8
0-4	23.3	20.3	15.6	13.4	11.2	9.2	7.8	8.7	5.8	7.2	-69.1	24.1
5-14	9.9	7.5	8.0	7.2	5.6	3.6	2.7	3.7	2.4	2.7	-72.7	12.5
15-24	20.5	19.2	18.5	15.3	14.2	13.2	12.5	10.3	11.4	10.8	-47.3	-5.3
25-44	28.2	26.4	21.6	20.3	18.9	16.0	15.7	13.8	12.2	12.8	-54.6	4.9
45-64	37.0	36.5	32.5	29.4	27.2	25.8	24.4	22.0	19.4	18.1	-51.1	-6.7
65+	45.9	53.7	51.1	50.5	40.1	43.1	42.2	40.3	32.7	32.3	-29.6	-1.2
Asian/Pacific Islander	55.0	53.3	52.3	51.0	46.4	46.4	41.1	36.7	34.2	33.8	-38.5	-1.2
0-4	13.0	18.8	15.0	12.9	8.9	12.9	8.5	6.1	7.2	5.5	-57.7	-23.6
5-14	6.2	8.5	9.2	6.4	3.9	7.1	3.4	2.1	3.0	2.3	-62.9	-23.3
15-24	37.0	36.4	32.5	34.1	31.1	33.2	24.5	22.0	17.9	17.6	-52.4	-1.7
25-44	53.2	46.6	45.3	43.7	41.7	40.8	39.1	34.9	32.9	33.8	-36.5	2.7
45-64	85.1	79.6	82.1	78.0	64.3	68.7	58.4	50.7	48.1	49.8	-41.5	3.5
65+	183.0	187.5	179.2	177.0	168.1	143.8	135.0	124.9	111.6	100.9	-44.9	-9.6
American Indian/Alaska Native	10.5	12.0	10.4	8.3	6.7	8.6	12.5	8.9	7.8	7.7	-26.7	-1.3
0-4	.	.	.	.	.	.	.	.	.	.	.	.
5-14	.	.	.	.	.	.	.	.	.	.	.	.
15-24	.	.	.	.	.	.	.	.	.	.	.	.
25-44	18.0	7.6	16.7	15.3	.	.	10.8	9.2	7.7	7.8	-56.7	1.3
45-64	22.1	31.8	12.8	12.3	11.9	13.6	17.5	18.9	12.1	15.5	-29.9	28.1
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, 2001

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total	3,332	133	92	318	1,109	953	727
White, Not Hispanic	365	7	2	15	105	120	116
Male	250	5	1	6	78	91	69
Female	114	2	1	9	27	29	46
Unknown	1	-	-	-	-	-	1
Black, Not Hispanic	292	12	10	18	111	101	40
Male	186	4	4	7	68	79	24
Female	106	8	6	11	43	22	16
Hispanic	1,252	96	65	180	443	286	182
Male	808	45	39	112	302	205	105
Female	442	51	26	68	140	80	77
Unknown	2	-	-	-	1	1	-
Asian/Pacific Islander	1,399	18	15	105	442	438	381
Male	779	6	5	47	217	274	230
Female	620	12	10	58	225	164	151
American Indian/Alaska Native	16	-	-	-	5	8	3
Male	4	-	-	-	1	3	-
Female	12	-	-	-	4	5	3
Race/Ethnicity Not Stated	8	-	-	-	3	-	5
Male	2	-	-	-	-	-	2
Female	6	-	-	-	3	-	3

- 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, 2001

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total Cases	9.5	4.7	1.6	6.7	10.4	12.6	19.2
White, Not Hispanic	2.1	0.7	.	0.7	2.1	2.6	4.4
Male	2.9	1.0	.	0.5	3.0	4.0	6.2
Female	1.3	.	.	0.9	1.1	1.3	3.0
Black, Not Hispanic	12.4	6.5	2.4	4.9	15.2	21.3	21.3
Male	15.9	.	.	3.6	18.3	35.5	31.3
Female	8.9	8.8	2.9	6.4	12.0	8.7	14.4
Hispanic	11.4	7.2	2.7	10.8	12.8	18.1	32.3
Male	14.2	6.6	3.2	13.0	15.9	25.7	43.1
Female	8.3	7.8	2.2	8.5	8.9	10.2	24.1
Asian/Pacific Islander	33.8	5.5	2.3	17.6	33.8	49.8	100.9
Male	38.2	3.6	1.5	15.4	33.4	65.7	139.8
Female	29.5	7.5	3.2	19.9	34.1	35.5	70.9
American Indian/Alaska Native	7.7	.	.	.	7.8	15.5	.
Male	.	.	.	.	.	.	.
Female	11.3	.	.	.	.	18.3	.

. Case rate 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, 2001

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total Cases	824	100	44	63	217	251	149
White, Not Hispanic	255	4	1	8	76	95	71
Male	189	3	1	5	58	76	46
Female	65	1	-	3	18	19	24
Unknown	1	-	-	-	-	-	1
Black, Not Hispanic	246	10	7	9	82	98	40
Male	156	3	2	3	48	76	24
Female	90	7	5	6	34	22	16
Hispanic	271	77	31	38	49	46	30
Male	157	35	22	18	31	33	18
Female	114	42	9	20	18	13	12
Asian/Pacific Islander	37	9	5	8	6	4	5
Male	19	3	2	4	4	3	3
Female	18	6	3	4	2	1	2
American Indian/Alaska Native	15	-	-	-	4	8	3
Male	3	-	-	-	-	3	-
Female	12	-	-	-	4	5	3

- 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, 2001

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total Cases	2,484	32	48	255	884	701	564
White, Not Hispanic	107	3	1	7	28	25	43
Male	60	2	-	1	19	15	23
Female	47	1	1	6	9	10	20
Black, Not Hispanic	46	2	3	9	29	3	-
Male	30	1	2	4	20	3	-
Female	16	1	1	5	9	-	-
Hispanic	978	19	34	142	393	240	150
Male	648	10	17	94	270	172	85
Female	328	9	17	48	122	67	65
Unknown	2	-	-	-	1	1	-
Asian/Pacific Islander	1,348	8	10	97	430	433	370
Male	752	2	3	43	211	270	223
Female	596	6	7	54	219	163	147
American Indian/Alaska Native	1	-	-	-	1	-	-
Male	1	-	-	-	1	-	-
Female	-	-	-	-	-	-	-
Unknown	4	-	-	-	3	-	1
Male	1	-	-	-	-	-	1
Female	3	-	-	-	3	-	-

- 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, 2001

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.	%		
Total	2,482	492	19.8	109	4.4	293	11.8	401	16.2	595	24.0	502	20.2	90	3.6
Mexico	791	157	19.8	51	6.4	85	10.7	97	12.3	167	21.1	205	25.9	29	3.7
Philippines	496	136	27.4	13	2.6	60	12.1	76	15.3	123	24.8	80	16.1	8	1.6
Vietnam	274	41	15.0	7	2.6	20	7.3	86	31.4	72	26.3	41	15.0	7	2.6
China**	195	26	13.3	5	2.6	24	12.3	28	14.4	55	28.2	48	24.6	9	4.6
Hong Kong	11	2	18.2	-	-	1	9.1	2	18.2	6	54.5	-	-	-	-
India	120	24	20.0	11	9.2	40	33.3	16	13.3	14	11.7	8	6.7	7	5.8
Korea, South	86	8	9.3	1	1.2	15	17.4	13	15.1	31	36.0	16	18.6	2	2.3
El Salvador	60	20	33.3	2	3.3	4	6.7	10	16.7	15	25.0	7	11.7	2	3.3
Guatemala	44	5	11.4	-	-	2	4.5	12	27.3	17	38.6	7	15.9	1	2.3
Kampuchea (Cambodia)	41	3	7.3	-	-	1	2.4	5	12.2	16	39.0	13	31.7	3	7.3
Laos	39	1	2.6	-	-	-	-	5	12.8	17	43.6	13	33.3	3	7.7
Peru	23	5	21.7	2	8.7	3	13.0	9	39.1	2	8.7	1	4.3	1	4.3
Ethiopia	21	6	28.6	1	4.8	5	23.8	3	14.3	5	23.8	1	4.8	-	-
Taiwan	18	2	11.1	1	5.6	2	11.1	3	16.7	7	38.9	2	11.1	1	5.6
Honduras	17	4	23.5	-	-	2	11.8	3	17.6	5	29.4	3	17.6	-	-
Indonesia	16	6	37.5	1	6.3	3	18.8	3	18.8	2	12.5	1	6.3	-	-
Soviet Union	15	3	20.0	1	6.7	1	6.7	3	20.0	3	20.0	2	13.3	2	13.3
Burma	14	1	7.1	2	14.3	3	21.4	3	21.4	4	28.6	1	7.1	-	-
Afghanistan	12	-	-	-	-	1	8.3	4	33.3	6	50.0	1	8.3	-	-
Iran	12	2	16.7	-	-	-	-	-	-	4	33.3	4	33.3	2	16.7
Thailand	12	4	33.3	-	-	2	16.7	1	8.3	4	33.3	1	8.3	-	-
Japan	10	1	10.0	1	10.0	1	10.0	2	20.0	-	-	5	50.0	-	-
Ukraine	9	7	77.8	-	-	1	11.1	-	-	-	-	1	11.1	-	-
Pakistan	7	-	-	-	-	-	-	1	14.3	-	-	3	42.9	3	42.9
Puerto Rico	7	-	-	1	14.3	-	-	-	-	1	14.3	4	57.1	1	14.3
Somalia	7	2	28.6	1	14.3	1	14.3	3	42.9	-	-	-	-	-	-
Nicaragua	6	2	33.3	-	-	1	16.7	1	16.7	2	33.3	-	-	-	-
Tonga	6	2	33.3	-	-	1	16.7	1	16.7	1	16.7	1	16.7	-	-
Colombia	5	1	20.0	-	-	1	20.0	1	20.0	-	-	2	40.0	-	-
Kenya	5	2	40.0	1	20.0	1	20.0	-	-	-	-	-	-	1	20.0
Nepal	5	1	20.0	1	20.0	2	40.0	-	-	1	20.0	-	-	-	-
South Africa	5	2	40.0	-	-	1	20.0	2	40.0	-	-	-	-	-	-
All Other Countries	104	18	17.3	6	5.8	10	9.6	10	9.6	21	20.2	31	29.8	8	7.7

*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, 1995-2000

	1995			1996			1997			1998			1999			2000		
	Total	AIDS Diagnosis		Total	AIDS Diagnosis		Total	AIDS Diagnosis		Total	AIDS Diagnosis		Total	AIDS Diagnosis		Total	AIDS Diagnosis	
	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%
California	4,656	402	8.6	4,288	334	7.8	4,045	266	6.6	3,851	227	5.9	3,606	220	6.1	3,292	144	4.4
Race/Ethnicity																		
White, Not Hispanic	652	98	15.0	583	78	13.4	521	52	10.0	513	37	7.2	450	41	9.1	386	24	6.2
Black, Not Hispanic	590	123	20.8	548	106	19.3	420	76	18.1	384	59	15.4	373	55	14.7	320	37	11.6
Hispanic	1,677	170	10.1	1,549	136	8.8	1,428	124	8.7	1,403	117	8.3	1,341	112	8.4	1,200	76	6.3
Asian/Pacific Islander	1,713	9	0.5	1,594	13	0.8	1,659	13	0.8	1,525	11	0.7	1,414	11	0.8	1,367	7	0.5
American Indian/Alaska Native	16	1	6.3	13	1	7.7	17	1	5.9	25	3	12.0	17	1	5.9	16	-	-
Unknown	8	1	12.5	1	-	-	-	-	-	1	-	-	11	-	-	3	-	-
Age																		
0-4	243	1	0.4	221	-	-	190	-	-	160	-	-	153	-	-	115	-	-
5-14	179	-	-	144	1	0.7	132	-	-	94	-	-	116	-	-	89	1	1.1
15-24	438	16	3.7	413	9	2.2	418	11	2.6	356	5	1.4	333	4	1.2	327	3	0.9
25-44	1,616	284	17.6	1,492	245	16.4	1,339	195	14.6	1,277	162	12.7	1,160	144	12.4	1,058	107	10.1
45-64	1,166	94	8.1	1,076	73	6.8	1,084	54	5.0	1,059	55	5.2	976	69	7.1	942	31	3.3
65+	1,014	7	0.7	942	6	0.6	882	6	0.7	905	5	0.6	868	3	0.3	761	2	0.3
Sex																		
Male	2,897	354	12.2	2,678	294	11.0	2,489	228	9.2	2,346	199	8.5	2,166	196	9.0	1,975	126	6.4
Female	1,758	48	2.7	1,610	40	2.5	1,556	38	2.4	1,505	28	1.9	1,440	24	1.7	1,317	18	1.4
Unknown	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Place of Birth																		
Foreign-born	3,082	162	5.3	2,834	128	4.5	2,807	125	4.5	2,699	103	3.8	2,519	112	4.4	2,376	71	3.0
U.S.-born	1,564	239	15.3	1,433	205	14.3	1,221	140	11.5	1,134	123	10.8	1,059	108	10.2	901	72	8.0
Unknown	10	1	10.0	21	1	4.8	17	1	5.9	18	1	5.6	28	-	-	15	1	6.7
Homeless																		
No	4,231	316	7.5	3,903	270	6.9	3,652	206	5.6	3,541	178	5.0	3,322	175	5.3	3,029	108	3.6
Yes	331	76	23.0	297	47	15.8	299	46	15.4	237	41	17.3	234	43	18.4	226	32	14.2
Unknown	94	10	10.6	88	17	19.3	94	14	14.9	73	8	11.0	50	2	4.0	37	4	10.8
Alcohol Use																		
No	3,451	195	5.7	3,398	206	6.1	3,260	158	4.8	3,127	154	4.9	3,016	138	4.6	2,780	96	3.5
Yes	536	91	17.0	527	73	13.9	452	52	11.5	431	47	10.9	420	62	14.8	366	35	9.6
Unknown	669	116	17.3	363	55	15.2	333	56	16.8	293	26	8.9	170	20	11.8	146	13	8.9
Injecting Drug Use																		
No	3,839	235	6.1	3,752	208	5.5	3,586	172	4.8	3,470	170	4.9	3,348	175	5.2	3,053	112	3.7
Yes	193	70	36.3	174	69	39.7	134	44	32.8	114	33	28.9	93	24	25.8	90	17	18.9
Unknown	624	97	15.5	362	57	15.7	325	50	15.4	267	24	9.0	165	21	12.7	149	15	10.1
Non-Injecting Drug Use																		
No	3,654	194	5.3	3,574	182	5.1	3,429	158	4.6	3,304	138	4.2	3,197	143	4.5	2,910	90	3.1
Yes	310	86	27.7	311	92	29.6	270	59	21.9	266	60	22.6	230	58	25.2	227	38	16.7
Unknown	692	122	17.6	403	60	14.9	346	49	14.2	281	29	10.3	179	19	10.6	155	16	10.3
Diagnosed in Correctional Facility																		
No	4,447	356	8.0	4,118	300	7.3	3,894	239	6.1	3,705	211	5.7	3,480	205	5.9	3,174	136	4.3
Yes	202	46	22.8	164	34	20.7	145	24	16.6	136	15	11.0	118	14	11.9	114	7	6.1
Unknown	7	-	-	6	-	-	6	3	50.0	10	1	10.0	8	1	12.5	4	1	25.0

* 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, 2000-2001

Reporting Jurisdiction	2000			2001		
	Rank	Cases	Rate	Rank	Cases	Rate
San Francisco	1	170	21.5	1	182	22.9
Imperial	4	26	16.8	2	25	15.5
Alameda	3	242	17.8	3	196	14.2
Santa Clara	6	235	13.3	4	215	12.0
Fresno	9	91	11.2	5	98	11.9
Pasadena	13	13	9.0	6	17	11.7
Los Angeles	8	1,066	11.5	7	1,046	11.2
San Benito	34	2	.	7	6	11.2
Contra Costa	16	78	8.4	9	105	11.1
San Diego	11	295	10.0	10	332	11.0
Berkeley	34	4	.	11	12	10.9
Long Beach	5	63	13.8	12	50	10.8
Sacramento	12	120	9.9	13	130	10.5
San Mateo	19	46	6.2	14	78	10.3
Orange	14	246	8.7	15	278	9.7
California					3,332	9.5
Monterey	14	35	8.7	16	39	9.5
San Joaquin	7	72	12.4	17	51	8.6
Solano	18	27	6.8	17	35	8.6
Kings	22	7	5.5	19	11	8.5
Madera	10	14	11.1	20	11	8.4
Kern	17	49	7.2	21	49	7.1
Ventura	21	44	5.8	22	52	6.8
Merced	26	10	4.6	22	15	6.8
Santa Barbara	24	22	5.3	24	26	6.2
Marin	29	11	4.4	25	15	6.0
Sutter	34	4	.	25	5	6.0
United States						5.6
Humboldt	25	6	4.7	27	7	5.4
San Bernardino	20	104	6.0	28	83	4.7
San Luis Obispo	31	9	3.5	29	11	4.2
Riverside	27	71	4.5	30	66	4.1
Tulare	27	17	4.5	31	15	3.9
Stanislaus	30	18	3.9	32	18	3.8
Year 2000 National Objective						3.5
Yolo	22	9	5.5	33	5	3.0
El Dorado	34	4	.	33	5	3.0
Santa Cruz	34	4	.	35	7	2.6
Butte	34	4	.	36	5	2.3
Sonoma	31	16	3.5	37	9	1.9
Yuba	2	12	18.8	38	3	.
Shasta	33	5	2.8	38	4	.
Mendocino	34	4	.	38	2	.
Napa	34	3	.	38	2	.
Lake	34	2	.	38	2	.
Tehama	34	2	.	38	1	.
Tuolumne	34	2	.	38	1	.
Colusa	34	1	.	38	2	.
Nevada	34	1	.	38	1	.
Placer	34	1	.	38	3	.
Calaveras	56	-	.	38	1	.
Mariposa	34	2	.	49	-	.
Modoc	34	2	.	49	-	.
Del Norte	34	1	.	49	-	.
Glenn	34	1	.	49	-	.
Inyo	34	1	.	49	-	.
Lassen	34	1	.	49	-	.
Plumas	34	1	.	49	-	.
Siskiyou	34	1	.	49	-	.
Alpine	56	-	.	49	-	.
Amador	56	-	.	49	-	.
Mono	56	-	.	49	-	.
Sierra	56	-	.	49	-	.
Trinity	56	-	.	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.

. Rate not calculated where number of cases is less than 5.

Table 13. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 1992-2001

Reporting Jurisdiction	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent Change	
											1992-2001	2000-2001
California	5,382	5,173	4,860	4,675	4,313	4,059	3,855	3,608	3,297	3,332	-38.1	1.1
Alameda	223	159	204	239	234	193	223	224	242	196	-12.1	-19.0
Alpine	-	-	-	-	-	-	-	-	-	-	.	.
Amador	1	1	-	-	2	-	1	1	-	-	.	.
Berkeley	19	12	8	14	13	20	7	17	4	12	-36.8	.
Butte	11	4	7	6	4	13	4	4	4	5	-54.5	.
Calaveras	-	-	-	-	-	-	1	-	-	1	.	.
Colusa	-	-	-	1	-	3	-	-	1	2	.	.
Contra Costa	107	111	99	103	119	107	102	97	78	105	-1.9	34.6
Del Norte	1	6	3	1	-	-	1	-	1	-	.	.
El Dorado	-	-	1	4	3	3	3	1	4	5	.	.
Fresno	67	94	77	72	69	92	114	101	91	98	46.3	7.7
Glenn	2	-	-	-	2	1	-	-	1	-	.	.
Humboldt	10	7	3	10	7	8	15	8	6	7	-30.0	16.7
Imperial	58	29	38	38	40	39	39	38	26	25	-56.9	-3.8
Inyo	-	1	-	-	-	-	-	-	1	-	.	.
Kern	110	93	111	80	71	63	48	62	49	49	-55.5	0.0
Kings	40	22	15	18	31	14	18	11	7	11	-72.5	57.1
Lake	-	2	1	3	6	3	2	2	2	2	.	.
Lassen	-	-	-	1	2	-	-	1	1	-	.	.
Long Beach	116	147	103	91	97	100	57	88	63	50	-56.9	-20.6
Los Angeles	2,195	1,944	1,794	1,627	1,375	1,346	1,299	1,170	1,066	1,046	-52.3	-1.9
Madera	11	6	16	11	10	10	7	9	14	11	0.0	-21.4
Marin	24	18	17	22	16	12	20	10	11	15	-37.5	36.4
Mariposa	-	1	-	-	-	-	-	-	2	-	.	.
Mendocino	-	9	7	2	-	2	4	1	4	2	.	.
Merced	28	23	20	18	19	10	8	11	10	15	-46.4	50.0
Modoc	-	-	1	-	-	-	-	-	2	-	.	.
Mono	-	-	-	-	-	-	-	-	-	-	.	.
Monterey	48	47	42	53	36	45	48	47	35	39	-18.8	11.4
Napa	5	7	1	7	11	3	5	3	3	2	.	.
Nevada	2	2	-	-	-	-	1	2	1	1	.	.
Orange	371	431	366	336	273	330	298	246	246	278	-25.1	13.0
Pasadena	14	11	15	28	24	11	19	8	13	17	21.4	30.8
Placer	-	5	7	7	3	4	5	3	1	3	.	.
Plumas	-	-	-	3	1	1	-	-	1	-	.	.
Riverside	115	121	106	95	99	67	74	79	71	66	-42.6	-7.0
Sacramento	98	86	130	125	147	145	112	97	120	130	32.7	8.3
San Benito	1	-	3	3	1	3	3	5	2	6	.	.
San Bernardino	125	151	135	128	130	130	101	113	104	83	-33.6	-20.2
San Diego	433	469	421	438	385	334	339	296	295	332	-23.3	12.5
San Francisco	355	356	280	270	262	242	207	235	170	182	-48.7	7.1
San Joaquin	109	95	95	77	73	64	65	74	72	51	-53.2	-29.2
San Luis Obispo	22	22	27	14	11	9	16	6	9	11	-50.0	22.2
San Mateo	82	83	75	86	92	85	80	62	46	78	-4.9	69.6
Santa Barbara	48	82	75	63	69	36	32	26	22	26	-45.8	18.2
Santa Clara	227	232	288	286	297	258	251	244	235	215	-5.3	-8.5
Santa Cruz	13	25	30	26	18	15	12	14	4	7	-46.2	.
Shasta	3	3	2	5	3	10	4	5	5	4	.	.
Sierra	1	-	-	-	-	-	-	-	-	-	.	.
Siskiyou	-	-	-	2	-	-	2	1	1	-	.	.
Solano	54	47	38	65	59	45	50	32	27	35	-35.2	29.6
Sonoma	18	19	29	19	24	12	16	18	16	9	-50.0	-43.8
Stanislaus	38	30	21	34	31	35	25	33	18	18	-52.6	0.0
Sutter	16	22	8	12	9	6	9	6	4	5	-68.8	.
Tehama	4	-	1	-	8	4	1	2	2	1	.	.
Trinity	-	-	-	2	1	-	-	-	-	-	.	.
Tulare	92	63	50	41	36	24	27	22	17	15	-83.7	-11.8
Tuolumne	-	-	2	-	-	1	8	-	2	1	.	.
Ventura	55	55	63	73	70	79	57	62	44	52	-5.5	18.2
Yolo	6	6	18	10	14	15	8	9	9	5	-16.7	-44.4
Yuba	4	14	7	6	6	7	7	2	12	3	.	.

-Indicates zero cases.

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

Table 14. Tuberculosis Case Rates per 100,000 Population: Reporting Jurisdictions in California, 1992-2001

Reporting Jurisdiction	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Percent Change	
											1992-2001	2000-2001
California	17.3	16.4	15.3	14.6	13.3	12.3	11.5	10.6	9.5	9.5	-45.1	0.0
Alameda	18.3	12.9	16.5	19.2	18.6	14.9	16.9	16.7	17.8	14.2	-22.4	-20.2
Alpine	.	.	.	.	.	.	.	.	.	.	.	.
Amador	.	.	.	.	.	.	.	.	.	.	.	.
Berkeley	18.2	11.5	7.7	13.4	12.4	18.8	6.5	15.6	.	10.9	-40.1	.
Butte	5.8	.	3.6	3.1	.	6.5	.	.	.	2.3	-60.3	.
Calaveras	.	.	.	.	.	.	.	.	.	.	.	.
Colusa	.	.	.	.	.	.	.	.	.	.	.	.
Contra Costa	12.8	13.0	11.5	11.9	13.6	11.9	11.1	10.4	8.4	11.1	-13.3	32.1
Del Norte	.	22.0	.	.	.	.	.	.	.	.	.	.
El Dorado	.	.	.	.	.	.	.	.	.	3.0	.	.
Fresno	9.3	12.9	10.4	9.5	9.0	11.8	14.5	12.7	11.2	11.9	28.0	6.3
Glenn	.	.	.	.	.	.	.	.	.	.	.	.
Humboldt	8.1	5.6	.	8.0	5.6	6.3	11.9	6.3	4.7	5.4	-33.3	14.9
Imperial	47.3	22.2	28.4	27.7	28.3	27.3	27.2	26.1	16.8	15.5	-67.2	-7.7
Inyo	.	.	.	.	.	.	.	.	.	.	.	.
Kern	18.7	15.5	18.2	13.0	11.4	9.9	7.5	9.5	7.2	7.1	-62.0	-1.4
Kings	36.8	19.8	13.3	15.7	26.8	11.9	14.5	8.6	5.5	8.5	-76.9	54.5
Lake	.	.	.	.	10.9	.	.	.	.	.	.	.
Lassen	.	.	.	.	.	.	.	.	.	.	.	.
Long Beach	26.2	33.4	23.5	20.8	22.2	22.7	12.8	19.4	13.8	10.8	-58.8	-21.7
Los Angeles	25.2	22.4	20.5	18.5	15.6	15.0	14.3	12.7	11.5	11.2	-55.6	-2.6
Madera	11.2	5.8	15.3	10.3	9.1	8.8	6.1	7.7	11.1	8.4	-25.0	-24.3
Marin	10.2	7.6	7.2	9.2	6.7	4.9	8.2	4.1	4.4	6.0	-41.2	36.4
Mariposa	.	.	.	.	.	.	.	.	.	.	.	.
Mendocino	.	10.8	8.4	.	.	.	.	.	.	.	.	.
Merced	14.7	11.8	10.1	9.1	9.6	5.0	3.9	5.3	4.6	6.8	-53.7	47.8
Modoc	.	.	.	.	.	.	.	.	.	.	.	.
Mono	.	.	.	.	.	.	.	.	.	.	.	.
Monterey	12.9	12.7	11.6	14.6	10.0	11.9	12.5	12.0	8.7	9.5	-26.4	9.2
Napa	4.4	6.0	.	5.9	9.2	.	4.1	.	.	.	.	.
Nevada	.	.	.	.	.	.	.	.	.	.	.	.
Orange	14.7	16.9	14.2	12.8	10.3	12.2	10.8	8.7	8.7	9.7	-34.0	11.5
Pasadena	10.5	8.1	11.1	20.5	17.5	7.9	13.5	5.6	9.0	11.7	11.4	30.0
Placer	.	2.6	3.6	3.4	.	.	2.2	.	.	.	.	.
Plumas	.	.	.	.	.	.	.	.	.	.	.	.
Riverside	8.9	9.2	7.9	6.9	7.1	4.7	5.1	5.3	4.5	4.1	-53.9	-8.9
Sacramento	8.9	7.8	11.7	11.2	13.0	12.6	9.6	8.1	9.9	10.5	18.0	6.1
San Benito	.	.	.	.	.	.	.	10.1	.	11.2	.	.
San Bernardino	8.2	9.7	8.6	8.1	8.2	8.0	6.1	6.7	6.0	4.7	-42.7	-21.7
San Diego	16.6	17.9	15.9	16.4	14.3	12.1	12.0	10.3	10.0	11.0	-33.7	10.0
San Francisco	47.9	47.4	37.2	35.9	34.1	31.1	26.2	29.5	21.5	22.9	-52.2	6.5
San Joaquin	21.6	18.6	18.4	14.7	13.7	11.8	11.8	13.2	12.4	8.6	-60.2	-30.6
San Luis Obispo	9.9	9.8	11.9	6.1	4.8	3.8	6.7	2.5	3.5	4.2	-57.6	20.0
San Mateo	12.2	12.3	11.0	12.5	13.2	11.9	11.1	8.5	6.2	10.3	-15.6	66.1
Santa Barbara	12.5	21.4	19.4	16.1	17.5	9.0	7.9	6.4	5.3	6.2	-50.4	17.0
Santa Clara	14.6	14.7	18.1	17.8	18.1	15.4	14.8	14.2	13.3	12.0	-17.8	-9.8
Santa Cruz	5.5	10.6	12.6	10.8	7.4	6.1	4.8	5.5	.	2.6	-52.7	.
Shasta	.	.	.	3.1	.	6.1	.	3.0	2.8	.	.	.
Sierra	.	.	.	.	.	.	.	.	.	.	.	.
Siskiyou	.	.	.	.	.	.	.	.	.	.	.	.
Solano	14.9	12.8	10.3	17.5	15.8	11.9	13.0	8.1	6.8	8.6	-42.3	26.5
Sonoma	4.4	4.6	7.0	4.5	5.7	2.8	3.6	4.0	3.5	1.9	-56.8	-45.7
Stanislaus	9.6	7.4	5.1	8.2	7.4	8.2	5.8	7.5	3.9	3.8	-60.4	-2.6
Sutter	23.1	30.9	11.0	16.3	12.1	7.9	11.7	7.7	.	6.0	-74.0	.
Tehama	.	.	.	.	14.7	.	.	.	.	.	.	.
Trinity	.	.	.	.	.	.	.	.	.	.	.	.
Tulare	27.7	18.6	14.6	11.7	10.2	6.7	7.5	6.0	4.5	3.9	-85.9	-13.3
Tuolumne	.	.	.	.	.	.	15.2	.	.	.	.	.
Ventura	8.0	7.9	8.9	10.2	9.8	10.9	7.7	8.2	5.8	6.8	-15.0	17.2
Yolo	4.1	4.1	12.2	6.6	9.2	9.7	5.1	5.7	5.5	3.0	-26.8	-45.5
Yuba	.	22.7	11.3	9.6	9.9	11.4	11.6	.	18.8	.	.	.

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

Tuberculosis Control Branch, California Department of Health Services

Table 15. Tuberculosis Cases by Age Group: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	All Cases	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
California	3,332	133	92	318	1,109	953	727
Alameda	196	3	9	11	82	52	39
Berkeley	12	1	-	-	6	5	-
Butte	5	-	-	-	1	2	2
Contra Costa	105	5	5	8	41	28	18
El Dorado	5	-	-	-	1	1	3
Fresno	98	11	5	7	23	30	22
Humboldt	7	-	-	-	3	2	2
Imperial	25	-	-	4	10	6	5
Kern	49	1	2	3	18	20	5
Kings	11	1	-	2	4	2	2
Long Beach	50	1	1	6	16	14	12
Los Angeles	1,046	31	21	98	334	319	243
Madera	11	2	-	2	5	1	1
Marin	15	-	-	2	4	6	3
Merced	15	2	1	2	1	5	4
Monterey	39	3	1	2	11	15	7
Orange	278	13	9	35	101	72	48
Pasadena	17	-	1	1	7	3	5
Riverside	66	-	2	3	24	19	18
Sacramento	130	4	2	9	44	39	32
San Benito	6	1	-	2	2	-	1
San Bernardino	83	8	4	4	30	15	22
San Diego	332	18	16	45	102	90	61
San Francisco	182	4	1	19	46	48	64
San Joaquin	51	1	3	5	11	21	10
San Luis Obispo	11	1	-	2	2	2	4
San Mateo	78	3	2	4	25	30	14
Santa Barbara	26	2	1	5	8	5	5
Santa Clara	215	9	2	16	102	48	38
Santa Cruz	7	-	-	2	-	3	2
Solano	35	4	3	3	6	8	11
Sonoma	9	-	-	1	4	2	2
Stanislaus	18	-	-	2	4	7	5
Sutter	5	-	-	1	2	2	-
Tulare	15	1	-	2	6	6	-
Ventura	52	1	1	6	16	15	13
Yolo	5	1	-	-	1	2	1
All Other Jurisdictions*	22	1	-	4	6	8	3

-Indicates zero cases.

*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, 1994-2001

Reporting Jurisdiction	1994		1995		1996		1997		1998		1999		2000		2001	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	284	5.9	243	5.2	221	5.2	190	4.7	160	4.2	153	4.2	115	3.5	133	4.0
Alameda	16	8.0	11	4.6	10	4.3	13	6.8	11	4.9	8	3.6	5	2.1	3	1.5
Contra Costa	2	2.0	4	3.9	11	9.4	5	4.8	7	6.9	8	8.2	2	2.6	5	4.8
Fresno	3	3.9	2	2.8	2	2.9	7	7.6	10	8.7	5	5.0	7	7.8	11	11.2
Imperial	2	5.3	5	13.2	4	10.0	1	2.6	5	12.8	11	28.9	-	-	-	-
Kern	10	9.0	8	10.3	6	8.5	4	6.3	2	4.2	3	4.8	5	10.2	1	2.0
Kings	4	26.7	2	11.1	3	9.7	1	7.1	-	-	1	9.1	-	-	1	9.1
Long Beach	9	8.7	6	6.6	9	9.2	8	8.1	1	1.8	8	9.1	5	7.9	1	2.0
Los Angeles	81	4.5	79	4.9	59	4.3	53	3.9	43	3.3	38	3.3	36	3.4	31	3.0
Madera	1	6.3	1	9.1	1	10.0	2	20.0	1	16.7	-	-	-	-	2	18.2
Marin	-	-	1	4.5	1	6.3	-	-	-	-	-	-	-	-	-	-
Merced	3	15.0	2	11.1	-	-	-	-	1	12.5	-	-	-	-	2	13.3
Monterey	11	26.2	12	22.6	7	19.4	8	17.8	5	10.4	5	10.4	4	10.3	3	7.7
Orange	25	6.9	14	4.2	7	2.6	11	3.3	7	2.3	5	2.0	10	4.1	13	4.7
Pasadena	-	-	3	11.1	1	4.2	2	18.2	-	-	-	-	1	7.7	-	-
Riverside	8	7.6	6	6.3	7	7.1	2	3.0	1	1.4	5	6.3	2	2.8	-	-
Sacramento	8	6.2	5	3.7	9	6.1	8	5.7	4	3.6	-	-	3	2.5	4	3.1
San Bernardino	9	6.8	17	13.8	16	12.5	13	10.2	7	7.0	5	4.4	3	2.9	8	9.6
San Diego	27	6.4	21	4.8	19	4.9	13	3.9	21	6.1	18	6.0	13	4.4	18	5.4
San Francisco	4	1.4	1	0.4	4	1.5	6	2.5	3	1.4	5	2.1	2	1.2	4	2.2
San Joaquin	6	6.3	5	6.5	2	2.8	5	7.8	3	4.6	3	4.1	3	4.2	1	2.0
San Luis Obispo	-	-	1	7.1	-	-	-	-	1	6.3	-	-	1	11.1	1	9.1
San Mateo	3	4.0	3	3.5	5	5.4	3	3.5	2	2.5	2	3.2	2	4.3	3	3.8
Santa Barbara	12	16.0	7	11.1	10	14.5	2	5.4	3	9.7	-	-	-	-	2	7.7
Santa Clara	17	6.0	4	1.4	8	2.7	10	3.9	4	1.6	7	2.9	4	1.7	9	4.2
Solano	1	2.7	3	4.6	3	5.8	4	8.9	2	3.9	4	12.5	2	7.4	4	11.4
Sonoma	1	3.4	1	5.3	3	12.5	-	-	1	6.3	1	5.6	1	6.3	-	-
Stanislaus	1	5.0	2	6.9	-	-	-	-	1	4.0	1	3.0	-	-	-	-
Tulare	7	14.0	4	9.8	1	2.8	1	4.2	3	11.1	-	-	-	-	1	6.7
Ventura	3	4.8	5	6.8	9	12.9	3	3.8	4	7.0	5	8.1	1	2.3	1	1.9
Yolo	-	-	1	10.0	2	14.3	-	-	1	12.5	-	-	-	-	1	20.0
All Other Jurisdictions*	10	10.9	7	6.2	2	2.0	5	4.7	6	6.4	5	6.4	3	4.2	3	4.3

-Indicates zero cases or zero percent.

*Jurisdictions with fewer than 5 total cases in any year (1994-2001).

Table 17. Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Race/Ethnicity						
	Total Cases	White Not Hispanic	Black Not Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaska Native	Unknown
California	3,332	365	292	1,252	1,399	16	8
Alameda	196	7	30	24	134	1	-
Berkeley	12	-	7	-	4	1	-
Butte	5	1	1	1	1	1	-
Contra Costa	105	12	39	24	30	-	-
El Dorado	5	2	-	1	2	-	-
Fresno	98	16	8	48	26	-	-
Humboldt	7	6	-	-	-	1	-
Imperial	25	2	1	21	1	-	-
Kern	49	6	4	32	7	-	-
Kings	11	1	-	9	1	-	-
Long Beach	50	5	7	16	22	-	-
Los Angeles	1,046	90	97	486	373	-	-
Madera	11	4	-	5	1	1	-
Marin	15	6	2	5	2	-	-
Merced	15	1	-	8	6	-	-
Monterey	39	2	1	22	14	-	-
Orange	278	24	3	106	144	-	1
Pasadena	17	3	2	9	3	-	-
Riverside	66	10	4	38	12	1	1
Sacramento	130	24	12	21	66	2	5
San Benito	6	1	-	4	1	-	-
San Bernardino	83	17	7	34	25	-	-
San Diego	332	49	20	164	98	1	-
San Francisco	182	16	25	15	123	3	-
San Joaquin	51	8	3	17	23	-	-
San Luis Obispo	11	3	-	5	3	-	-
San Mateo	78	5	4	17	52	-	-
Santa Barbara	26	3	1	17	4	1	-
Santa Clara	215	6	7	37	165	-	-
Santa Cruz	7	2	-	2	3	-	-
Solano	35	2	7	7	19	-	-
Sonoma	9	2	-	3	4	-	-
Stanislaus	18	4	-	7	7	-	-
Sutter	5	-	-	3	2	-	-
Tulare	15	1	-	11	3	-	-
Ventura	52	14	-	24	13	-	1
Yolo	5	-	-	2	3	-	-
All Other Jurisdictions*	22	10	-	7	2	3	-

-Indicates zero cases.

*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, 2001

Reporting Jurisdiction	All Cases	U.S.-born		Foreign-born		Unknown	
		No.	%	No.	%	No.	%
California	3,332	824	24.7	2,482	74.5	26	0.8
Alameda	196	38	19.4	158	80.6	.	.
Berkeley	12	6	50.0	6	50.0	.	.
Butte	5	2	40.0	3	60.0	.	.
Contra Costa	105	52	49.5	53	50.5	.	.
El Dorado	5	2	40.0	3	60.0	.	.
Fresno	98	35	35.7	63	64.3	.	.
Humboldt	7	7	100.0	.	.	.	.
Imperial	25	7	28.0	18	72.0	.	.
Kern	49	16	32.7	33	67.3	.	.
Kings	11	4	36.4	7	63.6	.	.
Long Beach	50	12	24.0	38	76.0	.	.
Los Angeles	1,046	236	22.6	806	77.1	4	0.4
Madera	11	6	54.5	5	45.5	.	.
Marin	15	8	53.3	7	46.7	.	.
Merced	15	4	26.7	11	73.3	.	.
Monterey	39	8	20.5	29	74.4	2	5.1
Orange	278	41	14.7	237	85.3	.	.
Pasadena	17	5	29.4	12	70.6	.	.
Riverside	66	19	28.8	45	68.2	2	3.0
Sacramento	130	26	20.0	92	70.8	12	9.2
San Benito	6	2	33.3	4	66.7	.	.
San Bernardino	83	38	45.8	45	54.2	.	.
San Diego	332	104	31.3	228	68.7	.	.
San Francisco	182	46	25.3	136	74.7	.	.
San Joaquin	51	16	31.4	35	68.6	.	.
San Luis Obispo	11	5	45.5	6	54.5	.	.
San Mateo	78	12	15.4	66	84.6	.	.
Santa Barbara	26	9	34.6	17	65.4	.	.
Santa Clara	215	9	4.2	203	94.4	3	1.4
Santa Cruz	7	2	28.6	5	71.4	.	.
Solano	35	10	28.6	25	71.4	.	.
Sonoma	9	2	22.2	6	66.7	1	11.1
Stanislaus	18	7	38.9	11	61.1	.	.
Sutter	5	.	.	5	100.0	.	.
Tulare	15	3	20.0	12	80.0	.	.
Ventura	52	11	21.2	40	76.9	1	1.9
Yolo	5	.	.	5	100.0	.	.
All Other Jurisdictions*	22	14	63.6	7	31.8	1	4.5

-Indicates zero cases or zero percent.

*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, 2001

Reporting Jurisdiction	Total Foreign-born		≤1 year		1-2 years		3-5 years		6-10 years		11-20 years		>20 years		Unknown Time in U.S.	
	Cases	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
California	2,482	492	19.8	109	4.4	293	11.8	401	16.2	595	24.0	502	20.2	90	3.6	
Alameda	158	23	14.6	10	6.3	28	17.7	33	20.9	38	24.1	24	15.2	2	1.3	
Berkeley	6	-	-	1	16.7	2	33.3	2	33.3	-	-	1	16.7	-	-	
Butte	3	1	33.3	-	-	1	33.3	-	-	-	-	1	33.3	-	-	
Contra Costa	53	10	18.9	2	3.8	5	9.4	6	11.3	11	20.8	17	32.1	2	3.8	
El Dorado	3	-	-	-	-	1	33.3	-	-	1	33.3	1	33.3	-	-	
Fresno	63	11	17.5	3	4.8	5	7.9	5	7.9	14	22.2	16	25.4	9	14.3	
Imperial	18	3	16.7	-	-	2	11.1	1	5.6	2	11.1	10	55.6	-	-	
Kern	33	3	9.1	1	3.0	3	9.1	5	15.2	7	21.2	13	39.4	1	3.0	
Kings	7	2	28.6	-	-	-	-	1	14.3	-	-	3	42.9	1	14.3	
Long Beach	38	5	13.2	1	2.6	3	7.9	2	5.3	13	34.2	2	5.3	12	31.6	
Los Angeles	806	152	18.9	36	4.5	82	10.2	119	14.8	209	25.9	177	22.0	31	3.8	
Madera	5	1	20.0	-	-	1	20.0	1	20.0	1	20.0	1	20.0	-	-	
Marin	7	1	14.3	1	14.3	3	42.9	-	-	1	14.3	-	-	1	14.3	
Merced	11	2	18.2	-	-	-	-	3	27.3	1	9.1	5	45.5	-	-	
Monterey	29	7	24.1	-	-	3	10.3	1	3.4	9	31.0	3	10.3	6	20.7	
Orange	237	36	15.2	6	2.5	27	11.4	59	24.9	64	27.0	35	14.8	10	4.2	
Pasadena	12	2	16.7	-	-	-	-	3	25.0	2	16.7	5	41.7	-	-	
Riverside	45	5	11.1	1	2.2	6	13.3	2	4.4	17	37.8	14	31.1	-	-	
Sacramento	92	31	33.7	4	4.3	5	5.4	17	18.5	21	22.8	10	10.9	4	4.3	
San Benito	4	-	-	-	-	-	-	1	25.0	2	50.0	1	25.0	-	-	
San Bernardino	45	13	28.9	2	4.4	4	8.9	7	15.6	7	15.6	9	20.0	3	6.7	
San Diego	228	56	24.6	8	3.5	23	10.1	36	15.8	55	24.1	50	21.9	-	-	
San Francisco	136	27	19.9	8	5.9	20	14.7	26	19.1	31	22.8	24	17.6	-	-	
San Joaquin	35	6	17.1	1	2.9	3	8.6	5	14.3	8	22.9	12	34.3	-	-	
San Luis Obispo	6	1	16.7	-	-	1	16.7	-	-	3	50.0	1	16.7	-	-	
San Mateo	66	14	21.2	5	7.6	9	13.6	12	18.2	15	22.7	10	15.2	1	1.5	
Santa Barbara	17	7	41.2	3	17.6	1	5.9	2	11.8	1	5.9	3	17.6	-	-	
Santa Clara	203	44	21.7	12	5.9	43	21.2	38	18.7	38	18.7	27	13.3	1	0.5	
Santa Cruz	5	-	-	1	20.0	1	20.0	-	-	3	60.0	-	-	-	-	
Solano	25	8	32.0	-	-	1	4.0	3	12.0	5	20.0	4	16.0	4	16.0	
Sonoma	6	3	50.0	-	-	-	-	-	-	1	16.7	-	-	2	33.3	
Stanislaus	11	3	27.3	-	-	2	18.2	-	-	4	36.4	2	18.2	-	-	
Sutter	5	1	20.0	1	20.0	1	20.0	1	20.0	1	20.0	-	-	-	-	
Tulare	12	2	16.7	1	8.3	1	8.3	1	8.3	2	16.7	5	41.7	-	-	
Ventura	40	9	22.5	1	2.5	2	5.0	9	22.5	7	17.5	12	30.0	-	-	
Yolo	5	1	20.0	-	-	2	40.0	-	-	1	20.0	1	20.0	-	-	
All Other Jurisdictions*	7	2	28.6	-	-	2	28.6	-	-	-	-	3	42.9	-	-	

-Indicates zero cases or zero percent.

*Jurisdictions with fewer than 5 total cases.

Tuberculosis Control Branch, California Department of Health Services

Table 20. Tuberculosis Cases by Form of Disease: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Pulmonary*		Extrapulmonary**		Both Pulmonary and Extrapulmonary Disease	
		No.	%	No.	%	No.	%
California	3,332	2,472	74.2	651	19.5	209	6.3
Alameda	196	146	74.5	36	18.4	14	7.1
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	12	11	91.7	-	-	1	8.3
Butte	5	4	80.0	1	20.0	-	-
Calaveras	1	-	-	1	100.0	-	-
Colusa	2	2	100.0	-	-	-	-
Contra Costa	105	73	69.5	24	22.9	8	7.6
Del Norte	-	-	-	-	-	-	-
El Dorado	5	4	80.0	-	-	1	20.0
Fresno	98	81	82.7	11	11.2	6	6.1
Glenn	-	-	-	-	-	-	-
Humboldt	7	5	71.4	2	28.6	-	-
Imperial	25	17	68.0	6	24.0	2	8.0
Inyo	-	-	-	-	-	-	-
Kern	49	36	73.5	9	18.4	4	8.2
Kings	11	9	81.8	2	18.2	-	-
Lake	2	2	100.0	-	-	-	-
Lassen	-	-	-	-	-	-	-
Long Beach	50	30	60.0	11	22.0	9	18.0
Los Angeles	1,046	805	77.0	186	17.8	55	5.3
Madera	11	9	81.8	1	9.1	1	9.1
Marin	15	9	60.0	5	33.3	1	6.7
Mariposa	-	-	-	-	-	-	-
Mendocino	2	1	50.0	1	50.0	-	-
Merced	15	12	80.0	3	20.0	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	39	25	64.1	14	35.9	-	-
Napa	2	1	50.0	1	50.0	-	-
Nevada	1	1	100.0	-	-	-	-
Orange	278	195	70.1	65	23.4	18	6.5
Pasadena	17	15	88.2	2	11.8	-	-
Placer	3	1	33.3	2	66.7	-	-
Plumas	-	-	-	-	-	-	-
Riverside	66	57	86.4	7	10.6	2	3.0
Sacramento	130	106	81.5	20	15.4	4	3.1
San Benito	6	3	50.0	1	16.7	2	33.3
San Bernardino	83	60	72.3	17	20.5	6	7.2
San Diego	332	239	72.0	63	19.0	30	9.0
San Francisco	182	138	75.8	30	16.5	14	7.7
San Joaquin	51	40	78.4	7	13.7	4	7.8
San Luis Obispo	11	9	81.8	2	18.2	-	-
San Mateo	78	56	71.8	22	28.2	-	-
Santa Barbara	26	17	65.4	8	30.8	1	3.8
Santa Clara	215	141	65.6	65	30.2	9	4.2
Santa Cruz	7	5	71.4	1	14.3	1	14.3
Shasta	4	3	75.0	1	25.0	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	35	27	77.1	6	17.1	2	5.7
Sonoma	9	7	77.8	2	22.2	-	-
Stanislaus	18	15	83.3	3	16.7	-	-
Sutter	5	4	80.0	1	20.0	-	-
Tehama	1	1	100.0	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	15	11	73.3	2	13.3	2	13.3
Tuolumne	1	1	100.0	-	-	-	-
Ventura	52	32	61.5	8	15.4	12	23.1
Yolo	5	3	60.0	2	40.0	-	-
Yuba	3	3	100.0	-	-	-	-

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

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

-Indicates zero cases or zero percent.

Table 21. Tuberculosis Cases by Verification Criteria: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Positive Culture		Positive Smear		Clinical Case		Provider Diagnosis	
		No.	%	No.	%	No.	%	No.	%
California	3,332	2,602	78.1	12	0.4	490	14.7	228	6.8
Alameda	196	156	79.6	-	-	30	15.3	10	5.1
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	12	11	91.7	-	-	-	-	1	8.3
Butte	5	5	100.0	-	-	-	-	-	-
Calaveras	1	1	100.0	-	-	-	-	-	-
Colusa	2	2	100.0	-	-	-	-	-	-
Contra Costa	105	75	71.4	-	-	16	15.2	14	13.3
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	5	5	100.0	-	-	-	-	-	-
Fresno	98	62	63.3	-	-	25	25.5	11	11.2
Glenn	-	-	-	-	-	-	-	-	-
Humboldt	7	6	85.7	-	-	-	-	1	14.3
Imperial	25	23	92.0	-	-	1	4.0	1	4.0
Inyo	-	-	-	-	-	-	-	-	-
Kern	49	39	79.6	-	-	7	14.3	3	6.1
Kings	11	8	72.7	-	-	1	9.1	2	18.2
Lake	2	2	100.0	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	50	46	92.0	-	-	4	8.0	-	-
Los Angeles	1,046	805	77.0	3	0.3	169	16.2	69	6.6
Madera	11	7	63.6	-	-	3	27.3	1	9.1
Marin	15	11	73.3	-	-	2	13.3	2	13.3
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	2	2	100.0	-	-	-	-	-	-
Merced	15	10	66.7	1	6.7	4	26.7	-	-
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	39	32	82.1	1	2.6	4	10.3	2	5.1
Napa	2	2	100.0	-	-	-	-	-	-
Nevada	1	-	-	-	-	-	-	1	100.0
Orange	278	230	82.7	-	-	37	13.3	11	4.0
Pasadena	17	15	88.2	-	-	-	-	2	11.8
Placer	3	2	66.7	-	-	1	33.3	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	66	60	90.9	-	-	4	6.1	2	3.0
Sacramento	130	83	63.8	-	-	18	13.8	29	22.3
San Benito	6	4	66.7	-	-	2	33.3	-	-
San Bernardino	83	68	81.9	3	3.6	8	9.6	4	4.8
San Diego	332	276	83.1	-	-	41	12.3	15	4.5
San Francisco	182	143	78.6	-	-	32	17.6	7	3.8
San Joaquin	51	39	76.5	-	-	9	17.6	3	5.9
San Luis Obispo	11	7	63.6	-	-	1	9.1	3	27.3
San Mateo	78	61	78.2	-	-	8	10.3	9	11.5
Santa Barbara	26	20	76.9	-	-	6	23.1	-	-
Santa Clara	215	166	77.2	2	0.9	32	14.9	15	7.0
Santa Cruz	7	6	85.7	-	-	1	14.3	-	-
Shasta	4	4	100.0	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	35	27	77.1	-	-	8	22.9	-	-
Sonoma	9	6	66.7	-	-	3	33.3	-	-
Stanislaus	18	14	77.8	-	-	2	11.1	2	11.1
Sutter	5	1	20.0	-	-	2	40.0	2	40.0
Tehama	1	1	100.0	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	15	13	86.7	-	-	2	13.3	-	-
Tuolumne	1	1	100.0	-	-	-	-	-	-
Ventura	52	39	75.0	2	3.8	5	9.6	6	11.5
Yolo	5	5	100.0	-	-	-	-	-	-
Yuba	3	1	33.3	-	-	2	66.7	-	-

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

Table 22. Pulmonary Tuberculosis Cases by Sputum Smear Status: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Pulmonary Cases	Sputum Smear Results							
		Smear Positive		Smear Negative		Smear Not Done		Unknown	
		No.	%	No.	%	No.	%	No.	%
California	2,681	1,155	43.1	1,300	48.5	219	8.2	7	0.3
Alameda	160	58	36.3	98	61.3	4	2.5	-	-
Berkeley	12	4	33.3	7	58.3	1	8.3	-	-
Butte	4	3	75.0	-	-	1	25.0	-	-
Colusa	2	1	50.0	1	50.0	-	-	-	-
Contra Costa	81	36	44.4	35	43.2	10	12.3	-	-
El Dorado	5	4	80.0	1	20.0	-	-	-	-
Fresno	87	30	34.5	46	52.9	10	11.5	1	1.1
Humboldt	5	2	40.0	3	60.0	-	-	-	-
Imperial	19	12	63.2	7	36.8	-	-	-	-
Kern	40	25	62.5	13	32.5	1	2.5	1	2.5
Kings	9	4	44.4	3	33.3	2	22.2	-	-
Lake	2	2	100.0	-	-	-	-	-	-
Long Beach	39	16	41.0	19	48.7	4	10.3	-	-
Los Angeles	860	374	43.5	413	48.0	73	8.5	-	-
Madera	10	3	30.0	4	40.0	3	30.0	-	-
Marin	10	3	30.0	6	60.0	1	10.0	-	-
Mendocino	1	1	100.0	-	-	-	-	-	-
Merced	12	8	66.7	-	-	4	33.3	-	-
Monterey	25	11	44.0	11	44.0	3	12.0	-	-
Napa	1	-	-	-	-	1	100.0	-	-
Nevada	1	-	-	-	-	1	100.0	-	-
Orange	213	114	53.5	86	40.4	13	6.1	-	-
Pasadena	15	6	40.0	8	53.3	1	6.7	-	-
Placer	1	1	100.0	-	-	-	-	-	-
Riverside	59	26	44.1	28	47.5	5	8.5	-	-
Sacramento	110	33	30.0	65	59.1	8	7.3	4	3.6
San Benito	5	3	60.0	2	40.0	-	-	-	-
San Bernardino	66	38	57.6	23	34.8	5	7.6	-	-
San Diego	269	129	48.0	124	46.1	16	5.9	-	-
San Francisco	152	50	32.9	93	61.2	9	5.9	-	-
San Joaquin	44	24	54.5	15	34.1	5	11.4	-	-
San Luis Obispo	9	4	44.4	4	44.4	1	11.1	-	-
San Mateo	56	24	42.9	28	50.0	3	5.4	1	1.8
Santa Barbara	18	9	50.0	7	38.9	2	11.1	-	-
Santa Clara	150	52	34.7	84	56.0	14	9.3	-	-
Santa Cruz	6	3	50.0	2	33.3	1	16.7	-	-
Shasta	3	3	100.0	-	-	-	-	-	-
Solano	29	8	27.6	14	48.3	7	24.1	-	-
Sonoma	7	1	14.3	6	85.7	-	-	-	-
Stanislaus	15	5	33.3	10	66.7	-	-	-	-
Sutter	4	-	-	4	100.0	-	-	-	-
Tehama	1	1	100.0	-	-	-	-	-	-
Tulare	13	5	38.5	5	38.5	3	23.1	-	-
Tuolumne	1	-	-	1	100.0	-	-	-	-
Ventura	44	17	38.6	20	45.5	7	15.9	-	-
Yolo	3	1	33.3	2	66.7	-	-	-	-
Yuba	3	1	33.3	2	66.7	-	-	-	-

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

Table 23. Pulmonary Tuberculosis Cases by Chest X-ray Status: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Pulmonary Cases	Cases with Abnormal Chest X-ray	Type of Abnormal Finding							
			Cavitary		Non-Cavitary Consistent w/ TB		Non-Cavitary Not Consistent w/ TB		Unknown	
			No.	%	No.	%	No.	%	No.	%
California	2,681	2,599	588	22.6	1,970	75.8	36	1.4	5	0.2
Alameda	160	156	22	14.1	134	85.9	-	-	-	-
Berkeley	12	11	3	27.3	7	63.6	-	-	1	9.1
Butte	4	4	1	25.0	2	50.0	-	-	1	25.0
Colusa	2	2	-	-	2	100.0	-	-	-	-
Contra Costa	81	81	24	29.6	57	70.4	-	-	-	-
El Dorado	5	5	2	40.0	3	60.0	-	-	-	-
Fresno	87	83	25	30.1	54	65.1	4	4.8	-	-
Humboldt	5	5	2	40.0	3	60.0	-	-	-	-
Imperial	19	18	4	22.2	14	77.8	-	-	-	-
Kern	40	39	18	46.2	17	43.6	4	10.3	-	-
Kings	9	8	3	37.5	4	50.0	1	12.5	-	-
Lake	2	2	-	-	2	100.0	-	-	-	-
Long Beach	39	39	10	25.6	26	66.7	3	7.7	-	-
Los Angeles	860	827	175	21.2	651	78.7	1	0.1	-	-
Madera	10	10	2	20.0	8	80.0	-	-	-	-
Marin	10	10	2	20.0	7	70.0	-	-	1	10.0
Mendocino	1	1	-	-	1	100.0	-	-	-	-
Merced	12	12	8	66.7	4	33.3	-	-	-	-
Monterey	25	24	7	29.2	17	70.8	-	-	-	-
Napa	1	1	-	-	1	100.0	-	-	-	-
Nevada	1	1	1	100.0	-	-	-	-	-	-
Orange	213	203	35	17.2	165	81.3	3	1.5	-	-
Pasadena	15	15	6	40.0	9	60.0	-	-	-	-
Placer	1	1	1	100.0	-	-	-	-	-	-
Riverside	59	58	26	44.8	32	55.2	-	-	-	-
Sacramento	110	105	21	20.0	80	76.2	4	3.8	-	-
San Benito	5	5	3	60.0	2	40.0	-	-	-	-
San Bernardino	66	65	12	18.5	50	76.9	3	4.6	-	-
San Diego	269	263	52	19.8	210	79.8	1	0.4	-	-
San Francisco	152	151	28	18.5	121	80.1	2	1.3	-	-
San Joaquin	44	44	15	34.1	29	65.9	-	-	-	-
San Luis Obispo	9	8	1	12.5	5	62.5	1	12.5	1	12.5
San Mateo	56	53	13	24.5	40	75.5	-	-	-	-
Santa Barbara	18	18	3	16.7	15	83.3	-	-	-	-
Santa Clara	150	148	32	21.6	114	77.0	2	1.4	-	-
Santa Cruz	6	6	1	16.7	5	83.3	-	-	-	-
Shasta	3	3	2	66.7	1	33.3	-	-	-	-
Solano	29	27	2	7.4	25	92.6	-	-	-	-
Sonoma	7	7	2	28.6	5	71.4	-	-	-	-
Stanislaus	15	15	4	26.7	7	46.7	4	26.7	-	-
Sutter	4	4	2	50.0	2	50.0	-	-	-	-
Tehama	1	1	1	100.0	-	-	-	-	-	-
Tulare	13	13	4	30.8	8	61.5	1	7.7	-	-
Tuolumne	1	-	-	-	-	-	-	-	-	-
Ventura	44	41	12	29.3	27	65.9	2	4.9	-	-
Yolo	3	3	1	33.3	1	33.3	-	-	1	33.3
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, 2001

Reporting Jurisdiction	Total Cases	Dead at Diagnosis		Alive at Diagnosis		Alive and Started Treatment	
		No.	%	No.	%	No.	%
California	3,332	49	1.5	3,283	98.5	3,236	97.1
Alameda	196	1	0.5	195	99.5	192	98.0
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	12	-	-	12	100.0	12	100.0
Butte	5	-	-	5	100.0	4	80.0
Calaveras	1	-	-	1	100.0	1	100.0
Colusa	2	-	-	2	100.0	2	100.0
Contra Costa	105	-	-	105	100.0	104	99.0
Del Norte	-	-	-	-	-	-	-
El Dorado	5	-	-	5	100.0	4	80.0
Fresno	98	2	2.0	96	98.0	96	98.0
Glenn	-	-	-	-	-	-	-
Humboldt	7	-	-	7	100.0	7	100.0
Imperial	25	-	-	25	100.0	25	100.0
Inyo	-	-	-	-	-	-	-
Kern	49	1	2.0	48	98.0	46	93.9
Kings	11	1	9.1	10	90.9	10	90.9
Lake	2	-	-	2	100.0	2	100.0
Lassen	-	-	-	-	-	-	-
Long Beach	50	-	-	50	100.0	50	100.0
Los Angeles	1,046	12	1.1	1,034	98.9	1,016	97.1
Madera	11	-	-	11	100.0	11	100.0
Marin	15	1	6.7	14	93.3	14	93.3
Mariposa	-	-	-	-	-	-	-
Mendocino	2	1	50.0	1	50.0	1	50.0
Merced	15	-	-	15	100.0	14	93.3
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	39	-	-	39	100.0	39	100.0
Napa	2	-	-	2	100.0	2	100.0
Nevada	1	-	-	1	100.0	1	100.0
Orange	278	5	1.8	273	98.2	271	97.5
Pasadena	17	-	-	17	100.0	17	100.0
Placer	3	-	-	3	100.0	3	100.0
Plumas	-	-	-	-	-	-	-
Riverside	66	2	3.0	64	97.0	62	93.9
Sacramento	130	4	3.1	126	96.9	120	92.3
San Benito	6	-	-	6	100.0	6	100.0
San Bernardino	83	-	-	83	100.0	82	98.8
San Diego	332	4	1.2	328	98.8	325	97.9
San Francisco	182	6	3.3	176	96.7	174	95.6
San Joaquin	51	1	2.0	50	98.0	50	98.0
San Luis Obispo	11	1	9.1	10	90.9	9	81.8
San Mateo	78	-	-	78	100.0	78	100.0
Santa Barbara	26	-	-	26	100.0	26	100.0
Santa Clara	215	2	0.9	213	99.1	211	98.1
Santa Cruz	7	-	-	7	100.0	7	100.0
Shasta	4	-	-	4	100.0	4	100.0
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	35	-	-	35	100.0	34	97.1
Sonoma	9	-	-	9	100.0	9	100.0
Stanislaus	18	1	5.6	17	94.4	17	94.4
Sutter	5	-	-	5	100.0	5	100.0
Tehama	1	-	-	1	100.0	1	100.0
Trinity	-	-	-	-	-	-	-
Tulare	15	-	-	15	100.0	15	100.0
Tuolumne	1	-	-	1	100.0	1	100.0
Ventura	52	4	7.7	48	92.3	48	92.3
Yolo	5	-	-	5	100.0	5	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, 1999

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.	%
California	3,607	338	9.4	92	2.6	8	0.2	238	6.6
Alameda	224	27	12.1	-	-	3	1.3	24	10.7
Alpine	-	-	-	-	-	-	-	-	-
Amador	1	1	100.0	-	-	-	-	1	100.0
Berkeley	17	3	17.6	2	11.8	-	-	1	5.9
Butte	4	1	25.0	1	25.0	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-
Contra Costa	97	7	7.2	1	1.0	-	-	6	6.2
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	1	-	-	-	-	-	-	-	-
Fresno	100	6	6.0	-	-	-	-	6	6.0
Glenn	-	-	-	-	-	-	-	-	-
Humboldt	8	1	12.5	1	12.5	-	-	-	-
Imperial	38	3	7.9	1	2.6	-	-	2	5.3
Inyo	-	-	-	-	-	-	-	-	-
Kern	62	6	9.7	2	3.2	-	-	4	6.5
Kings	11	-	-	-	-	-	-	-	-
Lake	2	-	-	-	-	-	-	-	-
Lassen	1	-	-	-	-	-	-	-	-
Long Beach	88	11	12.5	3	3.4	-	-	8	9.1
Los Angeles	1,168	119	10.2	26	2.2	1	0.1	92	7.9
Madera	8	3	37.5	1	12.5	-	-	2	25.0
Marin	10	1	10.0	1	10.0	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	1	-	-	-	-	-	-	-	-
Merced	11	1	9.1	-	-	-	-	1	9.1
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	48	2	4.2	-	-	-	-	2	4.2
Napa	3	-	-	-	-	-	-	-	-
Nevada	2	-	-	-	-	-	-	-	-
Orange	246	13	5.3	5	2.0	-	-	8	3.3
Pasadena	8	-	-	-	-	-	-	-	-
Placer	3	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	79	6	7.6	3	3.8	-	-	3	3.8
Sacramento	95	10	10.5	1	1.1	1	1.1	8	8.4
San Benito	5	1	20.0	1	20.0	-	-	-	-
San Bernardino	113	14	12.4	8	7.1	2	1.8	4	3.5
San Diego	299	20	6.7	6	2.0	-	-	14	4.7
San Francisco	235	30	12.8	4	1.7	-	-	26	11.1
San Joaquin	74	5	6.8	3	4.1	1	1.4	1	1.4
San Luis Obispo	6	-	-	-	-	-	-	-	-
San Mateo	63	5	7.9	2	3.2	-	-	3	4.8
Santa Barbara	26	3	11.5	2	7.7	-	-	1	3.8
Santa Clara	244	16	6.6	6	2.5	-	-	10	4.1
Santa Cruz	14	2	14.3	-	-	-	-	2	14.3
Shasta	5	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	1	-	-	-	-	-	-	-	-
Solano	32	2	6.3	2	6.3	-	-	-	-
Sonoma	18	1	5.6	-	-	-	-	1	5.6
Stanislaus	33	9	27.3	5	15.2	-	-	4	12.1
Sutter	6	-	-	-	-	-	-	-	-
Tehama	2	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	22	3	13.6	2	9.1	-	-	1	4.5
Tuolumne	-	-	-	-	-	-	-	-	-
Ventura	62	4	6.5	2	3.2	-	-	2	3.2
Yolo	9	1	11.1	-	-	-	-	1	11.1
Yuba	2	1	50.0	1	50.0	-	-	-	-

-Indicates zero cases or zero percent.

Table 26. Tuberculosis Cases by Initial Drug Regimen: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Cases Alive at Diagnosis	Cases Started on Initial Drug Regimen		Initial Drug Regimen* (%)				
		No.	%	IR	IRZ	IRE	IRZ,E/S	Other
California	3,283	3,236	98.6	1.0	4.8	1.8	88.3	4.4
Alameda	195	192	98.5	0.5	1.6	1.0	93.8	3.1
Alpine	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-
Berkeley	12	12	100.0	-	-	-	91.7	8.3
Butte	5	4	80.0	-	25.0	-	75.0	-
Calaveras	1	1	100.0	-	-	-	100.0	-
Colusa	2	2	100.0	-	-	-	100.0	-
Contra Costa	105	104	99.0	-	1.0	1.9	96.2	1.0
Del Norte	-	-	-	-	-	-	-	-
El Dorado	5	4	80.0	-	-	-	100.0	-
Fresno	96	96	100.0	1.0	10.4	-	83.3	5.2
Glenn	-	-	-	-	-	-	-	-
Humboldt	7	7	100.0	-	14.3	14.3	71.4	-
Imperial	25	25	100.0	-	-	-	96.0	4.0
Inyo	-	-	-	-	-	-	-	-
Kern	48	46	95.8	-	15.2	-	73.9	10.9
Kings	10	10	100.0	-	10.0	-	80.0	10.0
Lake	2	2	100.0	-	-	-	100.0	-
Lassen	-	-	-	-	-	-	-	-
Long Beach	50	50	100.0	6.0	20.0	-	70.0	4.0
Los Angeles	1,034	1,016	98.3	1.4	4.1	2.1	87.8	4.6
Madera	11	11	100.0	-	-	-	100.0	-
Marin	14	14	100.0	-	-	-	85.7	14.3
Mariposa	-	-	-	-	-	-	-	-
Mendocino	1	1	100.0	-	-	-	-	100.0
Merced	15	14	93.3	7.1	28.6	-	71.4	-
Modoc	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-
Monterey	39	39	100.0	2.6	5.1	2.6	89.7	-
Napa	2	2	100.0	-	50.0	50.0	-	-
Nevada	1	1	100.0	-	100.0	-	-	-
Orange	273	271	99.3	-	1.8	-	91.5	7.0
Pasadena	17	17	100.0	-	5.9	-	94.1	-
Placer	3	3	100.0	-	33.3	33.3	33.3	-
Plumas	-	-	-	-	-	-	-	-
Riverside	64	62	96.9	1.6	6.5	1.6	90.3	-
Sacramento	126	120	95.2	0.8	2.5	0.8	93.3	4.2
San Benito	6	6	100.0	-	-	-	83.3	16.7
San Bernardino	83	82	98.8	1.2	7.3	2.4	84.1	4.9
San Diego	328	325	99.1	1.2	8.3	3.1	83.7	3.7
San Francisco	176	174	98.9	-	1.7	2.3	90.2	5.7
San Joaquin	50	50	100.0	-	4.0	-	92.0	4.0
San Luis Obispo	10	9	90.0	-	-	11.1	88.9	-
San Mateo	78	78	100.0	-	1.3	1.3	92.3	5.1
Santa Barbara	26	26	100.0	3.8	7.7	3.8	76.9	7.7
Santa Clara	213	211	99.1	0.5	3.8	0.9	93.8	0.9
Santa Cruz	7	7	100.0	-	-	28.6	71.4	-
Shasta	4	4	100.0	-	-	-	100.0	-
Sierra	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-
Solano	35	34	97.1	-	8.8	2.9	85.3	2.9
Sonoma	9	9	100.0	-	11.1	-	88.9	-
Stanislaus	17	17	100.0	-	-	5.9	94.1	-
Sutter	5	5	100.0	-	-	-	100.0	-
Tehama	1	1	100.0	-	-	-	100.0	-
Trinity	-	-	-	-	-	-	-	-
Tulare	15	15	100.0	6.7	13.3	-	80.0	-
Tuolumne	1	1	100.0	-	-	-	100.0	-
Ventura	48	48	100.0	-	4.2	2.1	79.2	14.6
Yolo	5	5	100.0	-	-	-	100.0	-
Yuba	3	3	100.0	-	-	-	100.0	-

*I=isoniazid; R=rifampin; Z=pyrazinamide; S=streptomycin; 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, 1999

Reporting Jurisdiction	Total Cases	Cases w/ Initial Drug Regimen Prescribed	Cases w/ Information on Type of Health Care Provider		Type of Health Care Provider					
			No.	%	Health Department Only		Private/Other Only		Both Health Dept. and Private/Other	
					No.	%	No.	%	No.	%
California	3,607	3,486	3,437	98.6	1,775	51.6	983	28.6	679	19.8
Alameda	224	221	219	99.1	1	0.5	168	76.7	50	22.8
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	1	1	1	100.0	-	-	1	100.0	-	-
Berkeley	17	15	15	100.0	2	13.3	9	60.0	4	26.7
Butte	4	3	3	100.0	-	-	-	-	3	100.0
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	97	96	96	100.0	46	47.9	39	40.6	11	11.5
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	1	1	-	-	-	-	-	-	-	-
Fresno	100	100	100	100.0	77	77.0	13	13.0	10	10.0
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	8	7	7	100.0	-	-	1	14.3	6	85.7
Imperial	38	36	36	100.0	27	75.0	2	5.6	7	19.4
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	62	59	59	100.0	8	13.6	11	18.6	40	67.8
Kings	11	11	11	100.0	8	72.7	3	27.3	-	-
Lake	2	2	2	100.0	-	-	2	100.0	-	-
Lassen	1	1	1	100.0	-	-	-	-	1	100.0
Long Beach	88	85	84	98.8	54	64.3	24	28.6	6	7.1
Los Angeles	1,168	1,128	1,116	98.9	612	54.8	261	23.4	243	21.8
Madera	8	7	7	100.0	3	42.9	2	28.6	2	28.6
Marin	10	9	9	100.0	6	66.7	3	33.3	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	1	1	1	100.0	1	100.0	-	-	-	-
Merced	11	11	10	90.9	7	70.0	3	30.0	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	48	48	46	95.8	2	4.3	6	13.0	38	82.6
Napa	3	3	3	100.0	-	-	3	100.0	-	-
Nevada	2	2	2	100.0	1	50.0	1	50.0	-	-
Orange	246	241	237	98.3	165	69.6	18	7.6	54	22.8
Pasadena	8	8	8	100.0	6	75.0	2	25.0	-	-
Placer	3	3	3	100.0	-	-	-	-	3	100.0
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	79	75	74	98.7	45	60.8	15	20.3	14	18.9
Sacramento	95	92	92	100.0	73	79.3	15	16.3	4	4.3
San Benito	5	4	4	100.0	2	50.0	2	50.0	-	-
San Bernardino	113	101	93	92.1	48	51.6	26	28.0	19	20.4
San Diego	299	292	288	98.6	106	36.8	89	30.9	93	32.3
San Francisco	235	231	230	99.6	155	67.4	70	30.4	5	2.2
San Joaquin	74	70	70	100.0	44	62.9	24	34.3	2	2.9
San Luis Obispo	6	6	6	100.0	2	33.3	2	33.3	2	33.3
San Mateo	63	61	58	95.1	37	63.8	20	34.5	1	1.7
Santa Barbara	26	24	24	100.0	16	66.7	3	12.5	5	20.8
Santa Clara	244	237	234	98.7	102	43.6	113	48.3	19	8.1
Santa Cruz	14	14	14	100.0	9	64.3	5	35.7	-	-
Shasta	5	5	5	100.0	-	-	-	-	5	100.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	1	1	100.0	-	-	1	100.0	-	-
Solano	32	30	26	86.7	19	73.1	3	11.5	4	15.4
Sonoma	18	18	18	100.0	10	55.6	4	22.2	4	22.2
Stanislaus	33	28	28	100.0	19	67.9	6	21.4	3	10.7
Sutter	6	6	5	83.3	2	40.0	2	40.0	1	20.0
Tehama	2	2	2	100.0	-	-	-	-	2	100.0
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	22	20	20	100.0	15	75.0	1	5.0	4	20.0
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	62	60	59	98.3	44	74.6	6	10.2	9	15.3
Yolo	9	9	9	100.0	-	-	4	44.4	5	55.6
Yuba	2	1	1	100.0	1	100.0	-	-	-	-

-Indicates zero cases or zero percent.

Table 28. Tuberculosis Cases by Type of Therapy Administration: Reporting Jurisdictions in California, 1999

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.	%
California	3,607	3,486	3,412	97.9	1,062	31.1	1,616	47.4	734	21.5
Alameda	224	221	218	98.6	112	51.4	42	19.3	64	29.4
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	1	1	1	100.0	1	100.0	-	-	-	-
Berkeley	17	15	15	100.0	5	33.3	7	46.7	3	20.0
Butte	4	3	3	100.0	-	-	1	33.3	2	66.7
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	97	96	95	99.0	54	56.8	3	3.2	38	40.0
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	1	1	-	-	-	-	-	-	-	-
Fresno	100	100	100	100.0	10	10.0	23	23.0	67	67.0
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	8	7	7	100.0	4	57.1	2	28.6	1	14.3
Imperial	38	36	36	100.0	13	36.1	17	47.2	6	16.7
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	62	59	58	98.3	5	8.6	23	39.7	30	51.7
Kings	11	11	11	100.0	-	-	7	63.6	4	36.4
Lake	2	2	2	100.0	1	50.0	-	-	1	50.0
Lassen	1	1	1	100.0	1	100.0	-	-	-	-
Long Beach	88	85	83	97.6	41	49.4	29	34.9	13	15.7
Los Angeles	1,168	1,128	1,102	97.7	334	30.3	768	69.7	-	-
Madera	8	7	7	100.0	1	14.3	4	57.1	2	28.6
Marin	10	9	9	100.0	1	11.1	3	33.3	5	55.6
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	1	1	1	100.0	-	-	1	100.0	-	-
Merced	11	11	10	90.9	4	40.0	5	50.0	1	10.0
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	48	48	45	93.8	14	31.1	8	17.8	23	51.1
Napa	3	3	3	100.0	3	100.0	-	-	-	-
Nevada	2	2	2	100.0	1	50.0	1	50.0	-	-
Orange	246	241	237	98.3	7	3.0	190	80.2	40	16.9
Pasadena	8	8	8	100.0	2	25.0	6	75.0	-	-
Placer	3	3	3	100.0	1	33.3	-	-	2	66.7
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	79	75	73	97.3	25	34.2	19	26.0	29	39.7
Sacramento	95	92	91	98.9	11	12.1	72	79.1	8	8.8
San Benito	5	4	4	100.0	1	25.0	3	75.0	-	-
San Bernardino	113	101	90	89.1	19	21.1	15	16.7	56	62.2
San Diego	299	292	288	98.6	53	18.4	133	46.2	102	35.4
San Francisco	235	231	230	99.6	139	60.4	60	26.1	31	13.5
San Joaquin	74	70	70	100.0	16	22.9	8	11.4	46	65.7
San Luis Obispo	6	6	5	83.3	1	20.0	-	-	4	80.0
San Mateo	63	61	58	95.1	19	32.8	36	62.1	3	5.2
Santa Barbara	26	24	24	100.0	1	4.2	6	25.0	17	70.8
Santa Clara	244	237	234	98.7	98	41.9	56	23.9	80	34.2
Santa Cruz	14	14	14	100.0	3	21.4	10	71.4	1	7.1
Shasta	5	5	5	100.0	2	40.0	1	20.0	2	40.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	1	1	100.0	1	100.0	-	-	-	-
Solano	32	30	26	86.7	4	15.4	7	26.9	15	57.7
Sonoma	18	18	18	100.0	5	27.8	1	5.6	12	66.7
Stanislaus	33	28	28	100.0	5	17.9	17	60.7	6	21.4
Sutter	6	6	5	83.3	2	40.0	2	40.0	1	20.0
Tehama	2	2	2	100.0	-	-	-	-	2	100.0
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	22	20	20	100.0	2	10.0	11	55.0	7	35.0
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	62	60	59	98.3	34	57.6	18	30.5	7	11.9
Yolo	9	9	9	100.0	6	66.7	1	11.1	2	22.2
Yuba	2	1	1	100.0	-	-	-	-	1	100.0

* 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, 1994-2000

	1994			1995			1996			1997			1998			1999			2000		
	Total	AIDS Dx		Total	AIDS Dx		Total	AIDS Dx		Total	AIDS Dx		Total	AIDS Dx		Total	AIDS Dx		Total	AIDS Dx	
	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%	Cases	No.	%
California	4,835	476	9.8	4,656	402	8.6	4,288	334	7.8	4,045	266	6.6	3,851	227	5.9	3,606	220	6.1	3,292	144	4.4
Alameda	200	14	7.0	238	14	5.9	234	21	9.0	192	6	3.1	223	12	5.4	224	7	3.1	241	9	3.7
Contra Costa	99	16	16.2	103	9	8.7	117	6	5.1	105	7	6.7	102	3	2.9	97	2	2.1	78	3	3.8
Fresno	77	3	3.9	72	3	4.2	68	2	2.9	92	7	7.6	115	4	3.5	100	10	10.0	90	3	3.3
Imperial	38	-	-	38	1	2.6	40	1	2.5	39	1	2.6	39	-	-	38	-	-	26	-	-
Kern	111	5	4.5	78	3	3.8	71	2	2.8	63	4	6.3	48	2	4.2	62	5	8.1	49	2	4.1
Kings	15	-	-	18	-	-	31	1	3.2	14	2	14.3	18	4	22.2	11	1	9.1	8	-	-
Long Beach	103	2	1.9	91	1	1.1	98	11	11.2	99	4	4.0	57	2	3.5	88	8	9.1	63	3	4.8
Los Angeles	1,790	241	13.5	1,615	201	12.4	1,370	124	9.1	1,346	120	8.9	1,293	111	8.6	1,168	86	7.4	1,061	59	5.6
Madera	16	2	12.5	11	-	-	10	-	-	10	-	-	6	-	-	8	-	-	14	-	-
Marin	17	4	23.5	22	3	13.6	16	-	-	12	1	8.3	20	1	5.0	10	1	10.0	11	2	18.2
Merced	20	-	-	18	-	-	19	-	-	11	-	-	8	-	-	11	1	9.1	10	1	10.0
Monterey	42	1	2.4	53	-	-	36	3	8.3	45	1	2.2	48	1	2.1	48	3	6.3	39	-	-
Orange	364	14	3.8	336	16	4.8	273	9	3.3	330	16	4.8	298	11	3.7	246	10	4.1	246	14	5.7
Pasadena	13	-	-	27	3	11.1	24	4	16.7	11	1	9.1	19	-	-	8	1	12.5	13	-	-
Riverside	105	9	8.6	95	9	9.5	98	11	11.2	66	9	13.6	74	2	2.7	79	6	7.6	71	3	4.2
Sacramento	130	8	6.2	135	1	0.7	148	6	4.1	141	4	2.8	112	4	3.6	95	3	3.2	118	-	-
San Bernardino	133	18	13.5	123	12	9.8	128	19	14.8	128	10	7.8	100	6	6.0	113	7	6.2	104	6	5.8
San Diego	420	47	11.2	438	36	8.2	384	31	8.1	332	25	7.5	342	31	9.1	299	24	8.0	295	14	4.7
San Francisco	280	59	21.1	270	49	18.1	261	40	15.3	241	24	10.0	207	18	8.7	235	25	10.6	170	9	5.3
San Joaquin	95	3	3.2	77	2	2.6	72	-	-	64	4	6.3	65	4	6.2	74	3	4.1	72	2	2.8
San Luis Obispo	26	2	7.7	14	2	14.3	11	-	-	9	-	-	16	1	6.3	6	-	-	9	-	-
San Mateo	75	6	8.0	86	3	3.5	92	5	5.4	85	2	2.4	80	3	3.8	63	2	3.2	46	-	-
Santa Barbara	75	2	2.7	63	-	-	69	1	1.4	37	1	2.7	31	1	3.2	25	1	4.0	22	1	4.5
Santa Clara	282	7	2.5	285	7	2.5	296	8	2.7	258	6	2.3	252	3	1.2	244	4	1.6	234	5	2.1
Solano	37	5	13.5	65	15	23.1	52	7	13.5	45	1	2.2	51	-	-	32	1	3.1	27	-	-
Sonoma	29	-	-	19	-	-	24	1	4.2	12	-	-	16	1	6.3	18	-	-	16	-	-
Stanislaus	20	-	-	29	-	-	26	2	7.7	35	1	2.9	25	1	4.0	33	2	6.1	18	3	16.7
Tulare	50	1	2.0	41	-	-	36	3	8.3	24	-	-	27	-	-	22	1	4.5	17	-	-
Ventura	63	3	4.8	73	3	4.1	70	4	5.7	78	4	5.1	57	1	1.8	62	1	1.6	44	2	4.5
Yolo	18	3	16.7	10	-	-	14	2	14.3	14	1	7.1	8	-	-	9	1	11.1	9	-	-
All Other Jurisdictions**	92	1	1.1	113	9	8.0	100	10	10.0	107	4	3.7	94	-	-	78	4	5.1	71	3	4.2

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

**Reporting jurisdictions with fewer than 5 cases in any year (1994-2000).

- Indicates zero cases or zero percent.

Table 30. Tuberculosis Cases Among Residents of Correctional Facilities*: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Cases with Information on Residence in a		Cases Diagnosed in		Cases by Type of Correctional Facility					
		Correctional Facility		Correctional Facility		State Prison		Local Jail		Other/Unknown	
		No.	%	No.	%	No.	%	No.	%	No.	%
California	3,332	3,324	99.8	116	3.5	21	18.1	57	49.1	38	32.8
Alameda	196	196	100.0	6	3.1	-	-	5	83.3	1	16.7
Berkeley	12	12	100.0	-	-	-	-	-	-	-	-
Butte	5	5	100.0	-	-	-	-	-	-	-	-
Contra Costa	105	105	100.0	2	1.9	-	-	1	50.0	1	50.0
El Dorado	5	5	100.0	-	-	-	-	-	-	-	-
Fresno	98	98	100.0	2	2.0	1	50.0	1	50.0	-	-
Humboldt	7	7	100.0	-	-	-	-	-	-	-	-
Imperial	25	25	100.0	6	24.0	1	16.7	-	-	5	83.3
Kern	49	49	100.0	10	20.4	6	60.0	1	10.0	3	30.0
Kings	11	11	100.0	4	36.4	4	100.0	-	-	-	-
Long Beach	50	50	100.0	4	8.0	1	25.0	3	75.0	-	-
Los Angeles	1,046	1,044	99.8	21	2.0	-	-	16	76.2	5	23.8
Madera	11	11	100.0	1	9.1	-	-	-	-	1	100.0
Marin	15	15	100.0	1	6.7	1	100.0	-	-	-	-
Merced	15	15	100.0	-	-	-	-	-	-	-	-
Monterey	39	39	100.0	1	2.6	1	100.0	-	-	-	-
Orange	278	277	99.6	12	4.3	-	-	10	83.3	2	16.7
Pasadena	17	17	100.0	1	5.9	-	-	1	100.0	-	-
Riverside	66	66	100.0	4	6.1	1	25.0	1	25.0	2	50.0
Sacramento	130	130	100.0	4	3.1	-	-	4	100.0	-	-
San Benito	6	6	100.0	-	-	-	-	-	-	-	-
San Bernardino	83	83	100.0	4	4.8	-	-	2	50.0	2	50.0
San Diego	332	332	100.0	23	6.9	2	8.7	5	21.7	16	69.6
San Francisco	182	182	100.0	2	1.1	-	-	2	100.0	-	-
San Joaquin	51	51	100.0	2	3.9	-	-	2	100.0	-	-
San Luis Obispo	11	11	100.0	1	9.1	1	100.0	-	-	-	-
San Mateo	78	77	98.7	-	-	-	-	-	-	-	-
Santa Barbara	26	26	100.0	-	-	-	-	-	-	-	-
Santa Clara	215	212	98.6	3	1.4	-	-	3	100.0	-	-
Santa Cruz	7	7	100.0	-	-	-	-	-	-	-	-
Solano	35	35	100.0	2	5.7	2	100.0	-	-	-	-
Sonoma	9	9	100.0	-	-	-	-	-	-	-	-
Stanislaus	18	18	100.0	-	-	-	-	-	-	-	-
Sutter	5	5	100.0	-	-	-	-	-	-	-	-
Tulare	15	15	100.0	-	-	-	-	-	-	-	-
Ventura	52	52	100.0	-	-	-	-	-	-	-	-
Yolo	5	5	100.0	-	-	-	-	-	-	-	-
All Other Jurisdictions**	22	21	95.5	-	-	-	-	-	-	-	-

*Residence in correctional facility at 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, 2001

Reporting Jurisdiction	Total Cases	Cases with Information on Homeless Status		Cases with Homeless Status	
		No.	%	No.	%
California	3,332	3,298	99.0	234	7.1
Alameda	196	196	100.0	4	2
Berkeley	12	12	100.0	4	33.3
Butte	5	5	100.0	-	-
Contra Costa	105	102	97.1	10	9.8
El Dorado	5	4	80.0	1	25
Fresno	98	97	99.0	15	15.5
Humboldt	7	7	100.0	2	28.6
Imperial	25	25	100.0	-	-
Kern	49	49	100.0	6	12.2
Kings	11	9	81.8	-	-
Long Beach	50	50	100.0	8	16
Los Angeles	1,046	1,029	98.4	71	6.9
Madera	11	11	100.0	1	9.1
Marin	15	15	100.0	-	-
Merced	15	14	93.3	1	7.1
Monterey	39	39	100.0	4	10.3
Orange	278	276	99.3	7	2.5
Pasadena	17	17	100.0	-	-
Riverside	66	66	100.0	3	4.5
Sacramento	130	130	100.0	15	11.5
San Benito	6	6	100.0	2	33.3
San Bernardino	83	82	98.8	5	6.1
San Diego	332	332	100.0	26	7.8
San Francisco	182	182	100.0	23	12.6
San Joaquin	51	51	100.0	9	17.6
San Luis Obispo	11	11	100.0	-	-
San Mateo	78	77	98.7	3	3.9
Santa Barbara	26	26	100.0	1	3.8
Santa Clara	215	211	98.1	8	3.8
Santa Cruz	7	7	100.0	-	-
Solano	35	35	100.0	1	2.9
Sonoma	9	9	100.0	-	-
Stanislaus	18	18	100.0	-	-
Sutter	5	5	100.0	-	-
Tulare	15	15	100.0	-	-
Ventura	52	52	100.0	2	3.8
Yolo	5	5	100.0	-	-
All Other Jurisdictions**	22	21	95.5	2	9.5

*Homeless within past 12 months.

-Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

Table 32. Tuberculosis Cases Among Persons in Long-term Care Facilities*: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Cases with Information On Residence in Long-term Care		Cases Diagnosed in a Long-term Care Facility	
		No.	%	No.	%
California	3,332	3,322	99.7	68	2.0
Alameda	196	196	100.0	4	2.0
Berkeley	12	12	100.0	-	-
Butte	5	5	100.0	-	-
Contra Costa	105	105	100.0	1	1.0
El Dorado	5	5	100.0	-	-
Fresno	98	97	99.0	2	2.1
Humboldt	7	7	100.0	-	-
Imperial	25	25	100.0	1	4.0
Kern	49	49	100.0	4	8.2
Kings	11	11	100.0	-	-
Long Beach	50	50	100.0	6	12.0
Los Angeles	1,046	1,044	99.8	18	1.7
Madera	11	11	100.0	-	-
Marin	15	15	100.0	1	6.7
Merced	15	15	100.0	-	-
Monterey	39	39	100.0	2	5.1
Orange	278	277	99.6	7	2.5
Pasadena	17	17	100.0	1	5.9
Riverside	66	66	100.0	2	3.0
Sacramento	130	130	100.0	-	-
San Benito	6	6	100.0	-	-
San Bernardino	83	83	100.0	2	2.4
San Diego	332	332	100.0	6	1.8
San Francisco	182	182	100.0	2	1.1
San Joaquin	51	51	100.0	2	3.9
San Luis Obispo	11	11	100.0	-	-
San Mateo	78	77	98.7	-	-
Santa Barbara	26	26	100.0	-	-
Santa Clara	215	211	98.1	4	1.9
Santa Cruz	7	7	100.0	-	-
Solano	35	35	100.0	-	-
Sonoma	9	9	100.0	-	-
Stanislaus	18	18	100.0	2	11.1
Sutter	5	5	100.0	-	-
Tulare	15	15	100.0	-	-
Ventura	52	52	100.0	1	1.9
Yolo	5	5	100.0	-	-
All Other Jurisdictions**	22	21	95.5	-	-

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

-Indicates zero cases or zero percent.

**Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, Department of Health Services

Table 33. Tuberculosis Cases Among Persons Using Injecting Drugs*: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Cases with Information on Injecting Drug Use		Cases with Injecting Drug Use**	
		No.	%	No.	%
California	3,332	3,210	96.3	87	2.7
Alameda	196	195	99.5	5	2.6
Berkeley	12	11	91.7	-	-
Butte	5	5	100.0	-	-
Contra Costa	105	99	94.3	6	6.1
El Dorado	5	5	100.0	-	-
Fresno	98	82	83.7	1	1.2
Humboldt	7	7	100.0	2	28.6
Imperial	25	25	100.0	1	4.0
Kern	49	47	95.9	6	12.8
Kings	11	9	81.8	-	-
Long Beach	50	50	100.0	-	-
Los Angeles	1,046	1,017	97.2	22	2.2
Madera	11	11	100.0	-	-
Marin	15	14	93.3	1	7.1
Merced	15	14	93.3	-	-
Monterey	39	38	97.4	1	2.6
Orange	278	271	97.5	2	0.7
Pasadena	17	16	94.1	1	6.3
Riverside	66	61	92.4	3	4.9
Sacramento	130	106	81.5	6	5.7
San Benito	6	6	100.0	-	-
San Bernardino	83	80	96.4	1	1.3
San Diego	332	332	100.0	12	3.6
San Francisco	182	178	97.8	8	4.5
San Joaquin	51	51	100.0	4	7.8
San Luis Obispo	11	11	100.0	-	-
San Mateo	78	75	96.2	-	-
Santa Barbara	26	26	100.0	-	-
Santa Clara	215	212	98.6	2	0.9
Santa Cruz	7	7	100.0	-	-
Solano	35	32	91.4	-	-
Sonoma	9	8	88.9	1	12.5
Stanislaus	18	18	100.0	-	-
Sutter	5	5	100.0	-	-
Tulare	15	15	100.0	1	6.7
Ventura	52	50	96.2	1	2.0
Yolo	5	5	100.0	-	-
All Other Jurisdictions**	22	16	72.7	-	-

*Injecting drug use within past 12 months.

-Indicates zero cases or zero percent.

**Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

Table 34. Tuberculosis Cases Among Persons Using Non-injecting Drugs*: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Cases with Information on Non-injecting Drug Use		Cases with Non-injecting Drug Use	
		No.	%	No.	%
California	3,332	3,198	96.0	208	6.5
Alameda	196	194	99.0	9	4.6
Berkeley	12	11	91.7	2	18.2
Butte	5	5	100.0	-	-
Contra Costa	105	99	94.3	15	15.2
El Dorado	5	4	80.0	-	-
Fresno	98	81	82.7	8	9.9
Humboldt	7	7	100.0	2	28.6
Imperial	25	25	100.0	2	8.0
Kern	49	47	95.9	12	25.5
Kings	11	10	90.9	-	-
Long Beach	50	50	100.0	2	4.0
Los Angeles	1,046	1,017	97.2	67	6.6
Madera	11	11	100.0	4	36.4
Marin	15	14	93.3	1	7.1
Merced	15	14	93.3	1	7.1
Monterey	39	37	94.9	1	2.7
Orange	278	269	96.8	9	3.3
Pasadena	17	16	94.1	2	12.5
Riverside	66	59	89.4	2	3.4
Sacramento	130	105	80.8	10	9.5
San Benito	6	6	100.0	-	-
San Bernardino	83	78	94.0	2	2.6
San Diego	332	332	100.0	24	7.2
San Francisco	182	178	97.8	14	7.9
San Joaquin	51	51	100.0	6	11.8
San Luis Obispo	11	11	100.0	-	-
San Mateo	78	75	96.2	2	2.7
Santa Barbara	26	26	100.0	-	-
Santa Clara	215	212	98.6	7	3.3
Santa Cruz	7	7	100.0	-	-
Solano	35	32	91.4	-	-
Sonoma	9	7	77.8	-	-
Stanislaus	18	18	100.0	-	-
Sutter	5	5	100.0	-	-
Tulare	15	15	100.0	3	20.0
Ventura	52	50	96.2	-	-
Yolo	5	5	100.0	-	-
All Other Jurisdictions**	22	15	68.2	1	6.7

*Non-injection drug use within past 12 months.

-Indicates zero cases or zero percent.

**Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

Table 35. Tuberculosis Cases Among Persons Using Excess Alcohol*: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Cases with Information on Excess Alcohol Use		Cases with Excess Alcohol Use	
		No.	%	No.	%
California	3,332	3,209	96.3	373	11.6
Alameda	196	196	100.0	17	8.7
Berkeley	12	11	91.7	1	9.1
Butte	5	5	100.0	-	-
Contra Costa	105	98	93.3	14	14.3
El Dorado	5	4	80.0	2	50.0
Fresno	98	84	85.7	19	22.6
Humboldt	7	6	85.7	3	50.0
Imperial	25	25	100.0	6	24.0
Kern	49	48	98.0	18	37.5
Kings	11	10	90.9	-	-
Long Beach	50	50	100.0	8	16.0
Los Angeles	1,046	1,016	97.1	121	11.9
Madera	11	11	100.0	3	27.3
Marin	15	15	100.0	1	6.7
Merced	15	14	93.3	3	21.4
Monterey	39	37	94.9	1	2.7
Orange	278	270	97.1	20	7.4
Pasadena	17	17	100.0	3	17.6
Riverside	66	59	89.4	10	16.9
Sacramento	130	108	83.1	9	8.3
San Benito	6	5	83.3	1	20.0
San Bernardino	83	77	92.8	9	11.7
San Diego	332	332	100.0	42	12.7
San Francisco	182	178	97.8	10	5.6
San Joaquin	51	51	100.0	16	31.4
San Luis Obispo	11	11	100.0	-	-
San Mateo	78	75	96.2	4	5.3
Santa Barbara	26	26	100.0	-	-
Santa Clara	215	211	98.1	11	5.2
Santa Cruz	7	7	100.0	-	-
Solano	35	32	91.4	1	3.1
Sonoma	9	7	77.8	1	14.3
Stanislaus	18	18	100.0	1	5.6
Sutter	5	5	100.0	-	-
Tulare	15	15	100.0	4	26.7
Ventura	52	52	100.0	6	11.5
Yolo	5	5	100.0	1	20.0
All Other Jurisdictions**	22	18	81.8	7	38.9

*Excess alcohol use within the past 12 months.

-Indicates zero cases or zero percent.

**Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, Department of Health Services

Table 36. Tuberculosis Cases by Occupation* : Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Cases with Information		Occupation**									
		On Occupation		Not Employed		Health Care Worker		Correctional Employee		Migrant Worker		Other Occupation	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	3,332	3,184	95.6	1,902	59.7	70	2.2	4	0.1	80	2.5	1,128	35.4
Alameda	196	195	99.5	100	51.3	6	3.1	-	-	2	1.0	87	44.6
Berkeley	12	11	91.7	7	63.6	-	-	-	-	-	-	4	36.4
Butte	5	5	100.0	3	60.0	-	-	-	-	-	-	2	40.0
Contra Costa	105	101	96.2	74	73.3	3	3.0	-	-	-	-	24	23.8
El Dorado	5	5	100.0	3	60.0	1	20.0	-	-	-	-	1	20.0
Fresno	98	92	93.9	64	69.6	-	-	-	-	11	12.0	17	18.5
Humboldt	7	6	85.7	3	50.0	-	-	-	-	-	-	3	50.0
Imperial	25	24	96.0	7	29.2	1	4.2	-	-	11	45.8	5	20.8
Kern	49	48	98.0	24	50.0	-	-	-	-	12	25.0	12	25.0
Kings	11	7	63.6	3	-	-	-	-	-	3	-	1	-
Long Beach	50	45	90.0	30	66.7	1	2.2	1	2.2	-	-	13	28.9
Los Angeles	1,046	1,023	97.8	688	67.3	17	1.7	2	0.2	2	0.2	314	30.7
Madera	11	10	90.9	4	40.0	-	-	-	-	1	10.0	5	50.0
Marin	15	14	93.3	5	35.7	-	-	-	-	-	-	9	64.3
Merced	15	10	66.7	6	-	1	-	-	-	1	-	2	-
Monterey	39	35	89.7	20	57.1	1	2.9	-	-	3	8.6	11	31.4
Orange	278	254	91.4	128	50.4	8	3.1	-	-	3	1.2	115	45.3
Pasadena	17	17	100.0	9	52.9	-	-	-	-	-	-	8	47.1
Riverside	66	61	92.4	34	55.7	2	3.3	-	-	1	1.6	24	39.3
Sacramento	130	95	73.1	75	-	1	-	-	-	-	-	19	-
San Benito	6	6	100.0	2	33.3	1	16.7	-	-	-	-	3	50.0
San Bernardino	83	82	98.8	51	62.2	2	2.4	-	-	-	-	29	35.4
San Diego	332	332	100.0	198	59.6	3	0.9	-	-	1	0.3	130	39.2
San Francisco	182	179	98.4	129	72.1	5	2.8	-	-	-	-	45	25.1
San Joaquin	51	51	100.0	23	45.1	3	5.9	-	-	7	13.7	18	35.3
San Luis Obispo	11	10	90.9	7	70.0	-	-	-	-	1	10.0	2	20.0
San Mateo	78	78	100.0	31	39.7	5	6.4	-	-	-	-	42	53.8
Santa Barbara	26	26	100.0	16	61.5	-	-	-	-	3	11.5	7	26.9
Santa Clara	215	200	93.0	91	45.5	7	3.5	-	-	1	0.5	101	50.5
Santa Cruz	7	7	100.0	3	42.9	-	-	-	-	2	28.6	2	28.6
Solano	35	33	94.3	19	57.6	-	-	-	-	-	-	14	42.4
Sonoma	9	8	88.9	4	50.0	-	-	-	-	-	-	4	50.0
Stanislaus	18	18	100.0	9	50.0	1	5.6	1	5.6	1	5.6	6	33.3
Sutter	5	5	100.0	2	40.0	-	-	-	-	3	60.0	-	-
Tulare	15	13	86.7	5	38.5	-	-	-	-	3	23.1	5	38.5
Ventura	52	52	100.0	15	28.8	1	1.9	-	-	3	5.8	33	63.5
Yolo	5	5	100.0	2	40.0	-	-	-	-	2	40.0	1	20.0
All Other Jurisdictions***	22	21	95.5	8	38.1	-	-	-	-	3	14.3	10	47.6

*Occupation within past 24 months.

**Percentages not reported when information is available for less than 75% of the cases.

***Reporting jurisdictions with fewer than 5 cases.

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

Table 37. Tuberculosis Cases by Initial Drug Susceptibility Testing: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Cases	Total Culture Positive Cases	Cases with Initial Drug Susceptibility Testing	
			No.	%
California	3,332	2,602	2,410	92.6
Alameda	196	156	155	99.4
Alpine	-	-	-	-
Amador	-	-	-	-
Berkeley	12	11	8	72.7
Butte	5	5	3	60.0
Calaveras	1	1	1	100.0
Colusa	2	2	2	100.0
Contra Costa	105	75	72	96.0
Del Norte	-	-	-	-
El Dorado	5	5	4	80.0
Fresno	98	62	59	95.2
Glenn	-	-	-	-
Humboldt	7	6	6	100.0
Imperial	-	23	17	73.9
Inyo	-	-	-	-
Kern	49	39	37	94.9
Kings	11	8	7	87.5
Lake	2	2	2	100.0
Lassen	-	-	-	-
Long Beach	50	46	42	91.3
Los Angeles	1,046	805	785	97.5
Madera	11	7	7	100.0
Marin	15	11	10	90.9
Mariposa	-	-	-	-
Mendocino	2	2	2	100.0
Merced	15	10	9	90.0
Modoc	-	-	-	-
Mono	-	-	-	-
Monterey	39	32	31	96.9
Napa	2	2	2	100.0
Nevada	1	-	-	-
Orange	278	230	215	93.5
Pasadena	17	15	13	86.7
Placer	3	2	2	100.0
Plumas	-	-	-	-
Riverside	66	60	36	60.0
Sacramento	130	83	81	97.6
San Benito	6	4	3	75.0
San Bernardino	83	68	63	92.6
San Diego	332	276	250	90.6
San Francisco	182	143	143	100.0
San Joaquin	51	39	38	97.4
San Luis Obispo	11	7	6	85.7
San Mateo	78	61	40	65.6
Santa Barbara	26	20	17	85.0
Santa Clara	215	166	155	93.4
Santa Cruz	7	6	6	100.0
Shasta	4	4	4	100.0
Sierra	-	-	-	-
Siskiyou	-	-	-	-
Solano	35	27	6	22.2
Sonoma	9	6	6	100.0
Stanislaus	18	14	14	100.0
Sutter	5	1	1	100.0
Tehama	1	1	1	100.0
Trinity	-	-	-	-
Tulare	15	13	10	76.9
Tuolumne	1	1	1	100.0
Ventura	52	39	32	82.1
Yolo	5	5	5	100.0
Yuba	3	1	1	100.0

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

Table 38. Tuberculosis Cases by Resistance to Isoniazid and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2001

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*				No Prior TB			Prior TB		
		No. with INH** Susceptibility Testing	Cases with Resistance to INH		No. with INH Susceptibility Testing	Cases with Resistance to INH		No. with INH Susceptibility Testing	Cases with Resistance to INH		
			No.	%		No.	%		No.	%	
California	2,602	2,392	213	8.9	2,222	186	8.4	164	26	15.9	
Alameda	156	141	10	7.1	123	9	7.3	18	1	5.6	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	11	8	-	-	6	-	-	2	-	-	
Butte	5	3	-	-	3	-	-	-	-	-	
Calaveras	1	1	-	-	1	-	-	-	-	-	
Colusa	2	2	-	-	2	-	-	-	-	-	
Contra Costa	75	72	5	6.9	62	5	8.1	8	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	
El Dorado	5	4	-	-	4	-	-	-	-	-	
Fresno	62	59	6	10.2	57	6	10.5	2	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	6	2	33.3	5	2	40.0	1	-	-	
Imperial	23	17	1	5.9	16	1	6.3	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	
Kern	39	36	2	5.6	33	2	6.1	3	-	-	
Kings	8	7	-	-	7	-	-	-	-	-	
Lake	2	2	-	-	2	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	46	42	4	9.5	39	4	10.3	3	-	-	
Los Angeles	805	785	74	9.4	718	62	8.6	67	12	17.9	
Madera	7	7	-	-	7	-	-	-	-	-	
Marin	11	10	2	20.0	10	2	20.0	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	1	50.0	2	1	50.0	-	-	-	
Merced	10	9	-	-	9	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	32	31	4	12.9	29	3	10.3	2	1	50.0	
Napa	2	2	-	-	2	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	-	-	-	
Orange	230	214	27	12.6	199	22	11.1	15	5	33.3	
Pasadena	15	13	2	15.4	13	2	15.4	-	-	-	
Placer	2	2	-	-	2	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	35	3	8.6	33	2	6.1	2	1	50.0	
Sacramento	83	81	5	6.2	75	5	6.7	5	-	-	
San Benito	4	3	-	-	3	-	-	-	-	-	
San Bernardino	68	63	7	11.1	58	7	12.1	5	-	-	
San Diego	276	250	12	4.8	245	11	4.5	5	1	20.0	
San Francisco	143	143	13	9.1	133	10	7.5	10	3	30.0	
San Joaquin	39	38	4	10.5	38	4	10.5	-	-	-	
San Luis Obispo	7	6	-	-	5	-	-	1	-	-	
San Mateo	61	40	3	7.5	39	2	5.1	1	1	100.0	
Santa Barbara	20	17	3	17.6	16	3	18.8	1	-	-	
Santa Clara	166	155	16	10.3	147	16	10.9	8	-	-	
Santa Cruz	6	6	-	-	6	-	-	-	-	-	
Shasta	4	4	-	-	4	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	27	6	-	-	6	-	-	-	-	-	
Sonoma	6	6	-	-	5	-	-	1	-	-	
Stanislaus	14	14	-	-	14	-	-	-	-	-	
Sutter	1	1	-	-	1	-	-	-	-	-	
Tehama	1	1	1	100.0	-	-	-	1	1	100.0	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	13	9	1	11.1	7	-	-	-	-	-	
Tuolumne	1	1	-	-	-	-	-	1	-	-	
Ventura	39	32	5	15.6	31	5	16.1	1	-	-	
Yolo	5	5	-	-	4	-	-	1	-	-	
Yuba	1	1	-	-	1	-	-	-	-	-	

*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, 2001

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*				No Prior TB			Prior TB		
		No. with RIF** Susceptibility Testing	Cases with Resistance to RIF		No. with RIF Susceptibility Testing	Cases with Resistance to RIF		No. with RIF Susceptibility Testing	Cases with Resistance to RIF		
			No.	%		No.	%		No.	%	
California	2,602	2,392	33	1.4	2,222	23	1.0	164	9	5.5	
Alameda	156	142	1	0.7	124	1	0.8	18	-	-	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	11	8	-	-	6	-	-	2	-	-	
Butte	5	3	-	-	3	-	-	-	-	-	
Calaveras	1	1	-	-	1	-	-	-	-	-	
Colusa	2	1	-	-	1	-	-	-	-	-	
Contra Costa	75	72	-	-	62	-	-	8	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	
El Dorado	5	4	-	-	4	-	-	-	-	-	
Fresno	62	59	-	-	57	-	-	2	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	6	1	16.7	5	1	20.0	1	-	-	
Imperial	23	17	1	5.9	16	1	6.3	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	
Kern	39	36	1	2.8	33	1	3.0	3	-	-	
Kings	8	7	-	-	7	-	-	-	-	-	
Lake	2	2	-	-	2	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	46	42	-	-	39	-	-	3	-	-	
Los Angeles	805	785	12	1.5	718	8	1.1	67	4	6.0	
Madera	7	7	-	-	7	-	-	-	-	-	
Marin	11	10	-	-	10	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	-	-	2	-	-	-	-	-	
Merced	10	9	-	-	9	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	32	31	-	-	29	-	-	2	-	-	
Napa	2	2	-	-	2	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	-	-	-	
Orange	230	214	2	0.9	199	2	1.0	15	-	-	
Pasadena	15	13	1	7.7	13	1	7.7	-	-	-	
Placer	2	2	-	-	2	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	35	-	-	33	-	-	2	-	-	
Sacramento	83	81	2	2.5	75	2	2.7	5	-	-	
San Benito	4	3	-	-	3	-	-	-	-	-	
San Bernardino	68	63	1	1.6	58	1	1.7	5	-	-	
San Diego	276	250	2	0.8	245	2	0.8	5	-	-	
San Francisco	143	143	6	4.2	133	2	1.5	10	4	40.0	
San Joaquin	39	38	-	-	38	-	-	-	-	-	
San Luis Obispo	7	6	-	-	5	-	-	1	-	-	
San Mateo	61	40	-	-	39	-	-	1	-	-	
Santa Barbara	20	17	1	5.9	16	1	6.3	1	-	-	
Santa Clara	166	155	-	-	147	-	-	8	-	-	
Santa Cruz	6	6	-	-	6	-	-	-	-	-	
Shasta	4	4	-	-	4	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	27	6	-	-	6	-	-	-	-	-	
Sonoma	6	6	-	-	5	-	-	1	-	-	
Stanislaus	14	14	-	-	14	-	-	-	-	-	
Sutter	1	1	-	-	1	-	-	-	-	-	
Tehama	1	1	1	100.0	-	-	-	1	1	100.0	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	13	9	1	11.1	7	-	-	-	-	-	
Tuolumne	1	1	-	-	-	-	-	1	-	-	
Ventura	39	32	-	-	31	-	-	1	-	-	
Yolo	5	5	-	-	4	-	-	1	-	-	
Yuba	1	1	-	-	1	-	-	-	-	-	

*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, 2001

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*				No Prior TB			Prior TB		
		No. with EMB** Susceptibility Testing	Cases with Resistance to EMB		No. with EMB Susceptibility Testing	Cases with Resistance to EMB		No. with EMB Susceptibility Testing	Cases with Resistance to EMB		
			No.	%		No.	%		No.	%	
California	2,602	2,383	46	1.9	2,214	39	1.8	163	6	3.7	
Alameda	156	139	2	1.4	121	1	0.8	18	1	5.6	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	11	8	-	-	6	-	-	2	-	-	
Butte	5	3	-	-	3	-	-	-	-	-	
Calaveras	1	1	-	-	1	-	-	-	-	-	
Colusa	2	2	-	-	2	-	-	-	-	-	
Contra Costa	75	70	-	-	60	-	-	8	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	
El Dorado	5	4	-	-	4	-	-	-	-	-	
Fresno	62	58	-	-	56	-	-	2	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	6	1	16.7	5	1	20.0	1	-	-	
Imperial	23	17	-	-	16	-	-	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	
Kern	39	36	1	2.8	33	1	3.0	3	-	-	
Kings	8	7	-	-	7	-	-	-	-	-	
Lake	2	2	-	-	2	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	46	42	-	-	39	-	-	3	-	-	
Los Angeles	805	784	20	2.6	717	17	2.4	67	3	4.5	
Madera	7	7	-	-	7	-	-	-	-	-	
Marin	11	10	2	20.0	10	2	20.0	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	-	-	2	-	-	-	-	-	
Merced	10	9	-	-	9	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	32	31	2	6.5	29	2	6.9	2	-	-	
Napa	2	2	-	-	2	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	-	-	-	
Orange	230	214	4	1.9	199	3	1.5	15	1	6.7	
Pasadena	15	13	-	-	13	-	-	-	-	-	
Placer	2	2	-	-	2	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	34	-	-	33	-	-	1	-	-	
Sacramento	83	81	2	2.5	75	2	2.7	5	-	-	
San Benito	4	3	-	-	3	-	-	-	-	-	
San Bernardino	68	63	-	-	58	-	-	5	-	-	
San Diego	276	250	3	1.2	245	3	1.2	5	-	-	
San Francisco	143	143	1	0.7	133	-	-	10	1	10.0	
San Joaquin	39	38	1	2.6	38	1	2.6	-	-	-	
San Luis Obispo	7	6	1	16.7	5	1	20.0	1	-	-	
San Mateo	61	40	-	-	39	-	-	1	-	-	
Santa Barbara	20	17	-	-	16	-	-	1	-	-	
Santa Clara	166	154	1	0.6	146	1	0.7	8	-	-	
Santa Cruz	6	6	-	-	6	-	-	-	-	-	
Shasta	4	4	-	-	4	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	27	6	-	-	6	-	-	-	-	-	
Sonoma	6	6	2	33.3	5	2	40.0	1	-	-	
Stanislaus	14	13	1	7.7	13	1	7.7	-	-	-	
Sutter	1	1	-	-	1	-	-	-	-	-	
Tehama	1	1	-	-	-	-	-	1	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	13	9	2	22.2	7	1	14.3	-	-	-	
Tuolumne	1	1	-	-	-	-	-	1	-	-	
Ventura	39	32	-	-	31	-	-	1	-	-	
Yolo	5	5	-	-	4	-	-	1	-	-	
Yuba	1	1	-	-	1	-	-	-	-	-	

*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, 2001

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*				No Prior TB			Prior TB		
		No. with PZA** Susceptibility Testing	Cases with Resistance to PZA		No. with PZA Susceptibility Testing	Cases with Resistance to PZA		No. with PZA Susceptibility Testing	Cases with Resistance to PZA		
			No.	%		No.	%		No.	%	
California	2,602	2,156	67	3.1	2,005	62	3.1	145	5	3.4	
Alameda	156	122	2	1.6	107	2	1.9	15	-	-	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	11	8	-	-	6	-	-	2	-	-	
Butte	5	3	-	-	3	-	-	-	-	-	
Calaveras	1	1	-	-	1	-	-	-	-	-	
Colusa	2	2	-	-	2	-	-	-	-	-	
Contra Costa	75	68	2	2.9	58	2	3.4	8	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	
El Dorado	5	4	1	25.0	4	1	25.0	-	-	-	
Fresno	62	57	1	1.8	55	1	1.8	2	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	6	1	16.7	5	1	20.0	1	-	-	
Imperial	23	17	2	11.8	16	2	12.5	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	
Kern	39	2	-	-	2	-	-	-	-	-	
Kings	8	6	-	-	6	-	-	-	-	-	
Lake	2	2	-	-	2	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	46	36	1	2.8	33	1	3.0	3	-	-	
Los Angeles	805	699	17	2.4	640	15	2.3	59	2	3.4	
Madera	7	2	-	-	2	-	-	-	-	-	
Marin	11	10	-	-	10	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	-	-	2	-	-	-	-	-	
Merced	10	6	-	-	6	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	32	30	-	-	28	-	-	2	-	-	
Napa	2	1	-	-	1	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	-	-	-	
Orange	230	209	11	5.3	194	11	5.7	15	-	-	
Pasadena	15	13	-	-	13	-	-	-	-	-	
Placer	2	2	-	-	2	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	16	-	-	16	-	-	-	-	-	
Sacramento	83	80	3	3.8	74	3	4.1	5	-	-	
San Benito	4	3	-	-	3	-	-	-	-	-	
San Bernardino	68	48	1	2.1	44	1	2.3	4	-	-	
San Diego	276	249	20	8.0	244	19	7.8	5	1	20.0	
San Francisco	143	141	2	1.4	131	-	-	10	2	20.0	
San Joaquin	39	37	1	2.7	37	1	2.7	-	-	-	
San Luis Obispo	7	5	-	-	4	-	-	1	-	-	
San Mateo	61	39	-	-	38	-	-	1	-	-	
Santa Barbara	20	17	-	-	16	-	-	1	-	-	
Santa Clara	166	150	2	1.3	142	2	1.4	8	-	-	
Santa Cruz	6	5	-	-	5	-	-	-	-	-	
Shasta	4	4	-	-	4	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	27	6	-	-	6	-	-	-	-	-	
Sonoma	6	3	-	-	3	-	-	-	-	-	
Stanislaus	14	13	-	-	13	-	-	-	-	-	
Sutter	1	1	-	-	1	-	-	-	-	-	
Tehama	1	1	-	-	-	-	-	1	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	13	7	-	-	5	-	-	-	-	-	
Tuolumne	1	1	-	-	-	-	-	1	-	-	
Ventura	39	16	-	-	16	-	-	-	-	-	
Yolo	5	5	-	-	4	-	-	1	-	-	
Yuba	1	1	-	-	1	-	-	-	-	-	

*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, 2001

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with SM** Susceptibility Testing	Cases with Resistance to SM		No. with SM Susceptibility Testing	Cases with Resistance to SM		No. with SM Susceptibility Testing	Cases with Resistance to SM	
			No.	%		No.	%		No.	%
California	2,602	2,087	190	9.1	1,940	178	9.2	142	12	8.5
Alameda	156	96	8	8.3	85	8	9.4	11	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	11	6	-	-	4	-	-	2	-	-
Butte	5	1	-	-	1	-	-	-	-	-
Calaveras	1	1	-	-	1	-	-	-	-	-
Colusa	2	1	-	-	1	-	-	-	-	-
Contra Costa	75	52	4	7.7	43	4	9.3	7	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	5	4	-	-	4	-	-	-	-	-
Fresno	62	54	3	5.6	52	3	5.8	2	-	-
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	6	1	-	-	1	-	-	-	-	-
Imperial	23	17	6	35.3	16	6	37.5	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	39	35	2	5.7	32	2	6.3	3	-	-
Kings	8	2	-	-	2	-	-	-	-	-
Lake	2	2	-	-	2	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	46	39	1	2.6	37	1	2.7	2	-	-
Los Angeles	805	784	73	9.3	717	66	9.2	67	7	10.4
Madera	7	6	-	-	6	-	-	-	-	-
Marin	11	2	1	50.0	2	1	50.0	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	2	-	-	-	-	-	-	-	-	-
Merced	10	1	-	-	1	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	32	1	-	-	1	-	-	-	-	-
Napa	2	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	230	214	29	13.6	199	27	13.6	15	2	13.3
Pasadena	15	11	-	-	11	-	-	-	-	-
Placer	2	2	-	-	2	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	60	33	4	12.1	31	4	12.9	2	-	-
Sacramento	83	74	11	14.9	69	11	15.9	4	-	-
San Benito	4	1	-	-	1	-	-	-	-	-
San Bernardino	68	60	5	8.3	56	5	8.9	4	-	-
San Diego	276	184	12	6.5	181	12	6.6	3	-	-
San Francisco	143	141	10	7.1	132	9	6.8	9	1	11.1
San Joaquin	39	36	4	11.1	36	4	11.1	-	-	-
San Luis Obispo	7	1	-	-	-	-	-	1	-	-
San Mateo	61	28	1	3.6	27	1	3.7	1	-	-
Santa Barbara	20	16	1	6.3	15	1	6.7	1	-	-
Santa Clara	166	121	12	9.9	116	11	9.5	5	1	20.0
Santa Cruz	6	4	-	-	4	-	-	-	-	-
Shasta	4	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	27	-	-	-	-	-	-	-	-	-
Sonoma	6	-	-	-	-	-	-	-	-	-
Stanislaus	14	8	-	-	8	-	-	-	-	-
Sutter	1	1	-	-	1	-	-	-	-	-
Tehama	1	1	1	100.0	-	-	-	1	1	100.0
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	13	7	-	-	6	-	-	-	-	-
Tuolumne	1	1	-	-	-	-	-	1	-	-
Ventura	39	32	2	6.3	31	2	6.5	1	-	-
Yolo	5	3	-	-	3	-	-	-	-	-
Yuba	1	1	-	-	1	-	-	-	-	-

*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, 2001

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*				No Prior TB			Prior TB		
		No. with INH/RIF** Susceptibility Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Susceptibility Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Susceptibility Testing	Cases with Resistance to INH/RIF		
			No.	%		No.	%		No.	%	
California	2,602	2,391	25	1.0	2,221	17	0.8	164	7	4.3	
Alameda	156	141	1	0.7	123	1	0.8	18	-	-	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	11	8	-	-	6	-	-	2	-	-	
Butte	5	3	-	-	3	-	-	-	-	-	
Calaveras	1	1	-	-	1	-	-	-	-	-	
Colusa	2	1	-	-	1	-	-	-	-	-	
Contra Costa	75	72	-	-	62	-	-	8	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	
El Dorado	5	4	-	-	4	-	-	-	-	-	
Fresno	62	59	-	-	57	-	-	2	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	6	1	16.7	5	1	20.0	1	-	-	
Imperial	23	17	1	5.9	16	1	6.3	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	
Kern	39	36	1	2.8	33	1	3.0	3	-	-	
Kings	8	7	-	-	7	-	-	-	-	-	
Lake	2	2	-	-	2	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	46	42	-	-	39	-	-	3	-	-	
Los Angeles	805	785	8	1.0	718	5	0.7	67	3	4.5	
Madera	7	7	-	-	7	-	-	-	-	-	
Marin	11	10	-	-	10	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	-	-	2	-	-	-	-	-	
Merced	10	9	-	-	9	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	32	31	-	-	29	-	-	2	-	-	
Napa	2	2	-	-	2	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	-	-	-	
Orange	230	214	1	0.5	199	1	0.5	15	-	-	
Pasadena	15	13	-	-	13	-	-	-	-	-	
Placer	2	2	-	-	2	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	35	-	-	33	-	-	2	-	-	
Sacramento	83	81	2	2.5	75	2	2.7	5	-	-	
San Benito	4	3	-	-	3	-	-	-	-	-	
San Bernardino	68	63	1	1.6	58	1	1.7	5	-	-	
San Diego	276	250	2	0.8	245	2	0.8	5	-	-	
San Francisco	143	143	4	2.8	133	1	0.8	10	3	30.0	
San Joaquin	39	38	-	-	38	-	-	-	-	-	
San Luis Obispo	7	6	-	-	5	-	-	1	-	-	
San Mateo	61	40	-	-	39	-	-	1	-	-	
Santa Barbara	20	17	1	5.9	16	1	6.3	1	-	-	
Santa Clara	166	155	-	-	147	-	-	8	-	-	
Santa Cruz	6	6	-	-	6	-	-	-	-	-	
Shasta	4	4	-	-	4	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	27	6	-	-	6	-	-	-	-	-	
Sonoma	6	6	-	-	5	-	-	1	-	-	
Stanislaus	14	14	-	-	14	-	-	-	-	-	
Sutter	1	1	-	-	1	-	-	-	-	-	
Tehama	1	1	1	100.0	-	-	-	1	1	100.0	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	13	9	1	11.1	7	-	-	-	-	-	
Tuolumne	1	1	-	-	-	-	-	1	-	-	
Ventura	39	32	-	-	31	-	-	1	-	-	
Yolo	5	5	-	-	4	-	-	1	-	-	
Yuba	1	1	-	-	1	-	-	-	-	-	

*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, 2001

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.	%	
California	2,602	2,394	300	12.5	2,224	269	12.1	164	30	18.3	
Alameda	156	142	12	8.5	124	11	8.9	18	1	5.6	
Alpine	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	
Berkeley	11	8	-	-	6	-	-	2	-	-	
Butte	5	3	-	-	3	-	-	-	-	-	
Calaveras	1	1	-	-	1	-	-	-	-	-	
Colusa	2	2	-	-	2	-	-	-	-	-	
Contra Costa	75	72	7	9.7	62	7	11.3	8	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	
El Dorado	5	4	1	25.0	4	1	25.0	-	-	-	
Fresno	62	59	6	10.2	57	6	10.5	2	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	6	2	33.3	5	2	40.0	1	-	-	
Imperial	23	17	2	11.8	16	2	12.5	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	
Kern	39	36	2	5.6	33	2	6.1	3	-	-	
Kings	8	7	-	-	7	-	-	-	-	-	
Lake	2	2	-	-	2	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	
Long Beach	46	42	5	11.9	39	5	12.8	3	-	-	
Los Angeles	805	785	106	13.5	718	92	12.8	67	14	20.9	
Madera	7	7	-	-	7	-	-	-	-	-	
Marin	11	10	2	20.0	10	2	20.0	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	1	50.0	2	1	50.0	-	-	-	
Merced	10	9	-	-	9	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	
Monterey	32	31	6	19.4	29	5	17.2	2	1	50.0	
Napa	2	2	-	-	2	-	-	-	-	-	
Nevada	-	-	-	-	-	-	-	-	-	-	
Orange	230	214	39	18.2	199	34	17.1	15	5	33.3	
Pasadena	15	13	3	23.1	13	3	23.1	-	-	-	
Placer	2	2	-	-	2	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	
Riverside	60	36	3	8.3	34	2	5.9	2	1	50.0	
Sacramento	83	81	6	7.4	75	6	8.0	5	-	-	
San Benito	4	3	-	-	3	-	-	-	-	-	
San Bernardino	68	63	8	12.7	58	8	13.8	5	-	-	
San Diego	276	250	33	13.2	245	31	12.7	5	2	40.0	
San Francisco	143	143	15	10.5	133	11	8.3	10	4	40.0	
San Joaquin	39	38	5	13.2	38	5	13.2	-	-	-	
San Luis Obispo	7	6	1	16.7	5	1	20.0	1	-	-	
San Mateo	61	40	3	7.5	39	2	5.1	1	1	100.0	
Santa Barbara	20	17	3	17.6	16	3	18.8	1	-	-	
Santa Clara	166	155	18	11.6	147	18	12.2	8	-	-	
Santa Cruz	6	6	-	-	6	-	-	-	-	-	
Shasta	4	4	-	-	4	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	
Solano	27	6	-	-	6	-	-	-	-	-	
Sonoma	6	6	2	33.3	5	2	40.0	1	-	-	
Stanislaus	14	14	1	7.1	14	1	7.1	-	-	-	
Sutter	1	1	-	-	1	-	-	-	-	-	
Tehama	1	1	1	100.0	-	-	-	1	1	100.0	
Trinity	-	-	-	-	-	-	-	-	-	-	
Tulare	13	9	2	22.2	7	1	14.3	-	-	-	
Tuolumne	1	1	-	-	-	-	-	1	-	-	
Ventura	39	32	5	15.6	31	5	16.1	1	-	-	
Yolo	5	5	-	-	4	-	-	1	-	-	
Yuba	1	1	-	-	1	-	-	-	-	-	

*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, 1995-2001

Reporting Jurisdiction	1995			1996			1997			1998			1999			2000			2001		
	No. with INH*	Cases with Resistance to INH		No. with INH	Cases with Resistance to INH		No. with INH	Cases with Resistance to INH		No. with INH	Cases with Resistance to INH		No. with INH	Cases with Resistance to INH		No. with INH	Cases with Resistance to INH		No. with INH	Cases with Resistance to INH	
		Testing	No.		%	Testing		No.	%		Testing	No.		%	Testing		No.	%		Testing	No.	%	Testing	No.	%
California	3,441	323	9.4	3,239	325	10.0	3,072	315	10.3	2,949	345	11.7	2,678	286	10.7	2,486	255	10.3	2,392	213	8.9
Alameda	185	19	10.3	183	14	7.7	157	13	8.3	180	24	13.3	146	17	11.6	179	15	8.4	141	10	7.1
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Berkeley	11	1	9.1	12	1	8.3	10	-	-	5	-	-	14	1	7.1	4	-	-	8	-	-
Butte	5	3	60.0	3	-	-	8	-	-	4	1	25.0	3	-	-	3	1	33.3	3	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Colusa	1	1	100.0	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Contra Costa	73	5	6.8	87	7	8.0	70	6	8.6	77	10	13.0	65	10	15.4	55	4	7.3	72	5	6.9
Del Norte	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	4	-	-	3	-	-	3	-	-	3	-	-	1	-	-	3	-	-	4	-	-
Fresno	63	8	12.7	49	7	14.3	74	10	13.5	70	15	21.4	54	9	16.7	54	7	13.0	59	6	10.2
Glenn	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	8	-	-	5	-	-	3	-	-	8	3	37.5	5	-	-	4	-	-	6	2	33.3
Imperial	28	2	7.1	29	5	17.2	34	3	8.8	28	-	-	25	2	8.0	25	3	12.0	17	1	5.9
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	54	3	5.6	57	1	1.8	52	2	3.8	44	1	2.3	51	2	3.9	36	2	5.6	36	2	5.6
Kings	8	2	25.0	8	-	-	4	1	25.0	12	-	-	8	-	-	8	1	12.5	7	-	-
Lake	3	-	-	6	1	16.7	1	1	100.0	2	-	-	1	-	-	2	-	-	2	-	-
Lassen	-	-	-	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	58	3	5.2	72	10	13.9	67	6	9.0	40	5	12.5	72	5	6.9	50	2	4.0	42	4	9.5
Los Angeles	1,206	92	7.6	1,022	85	8.3	1,013	99	9.8	974	110	11.3	896	85	9.5	807	81	10.0	785	74	9.4
Madera	7	-	-	7	2	28.6	4	-	-	4	-	-	6	-	-	9	-	-	7	-	-
Marin	19	-	-	13	-	-	11	1	9.1	12	1	8.3	9	-	-	8	1	12.5	10	2	20.0
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Mendocino	1	-	-	-	-	-	2	-	-	4	1	25.0	1	-	-	2	1	50.0	2	1	50.0
Merced	10	1	10.0	14	2	14.3	10	-	-	4	1	25.0	10	2	20.0	4	2	50.0	9	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	34	3	8.8	23	3	13.0	29	4	13.8	36	2	5.6	31	3	9.7	28	4	14.3	31	4	12.9
Napa	7	-	-	10	-	-	2	1	50.0	3	1	33.3	3	-	-	2	-	-	2	-	-

*INH=Isoniazid

-Indicates zero cases and zero percent.

Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 1995-2001 (cont'd)

Reporting Jurisdiction	1995			1996			1997			1998			1999			2000			2001		
	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.	%	No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orange	300	43	14.3	250	37	14.8	285	40	14.0	248	39	15.7	204	27	13.2	212	29	13.7	214	27	12.6
Pasadena	22	1	4.5	16	2	12.5	8	-	-	15	1	6.7	6	-	-	7	1	14.3	13	2	15.4
Placer	3	1	33.3	3	-	-	2	-	-	5	-	-	2	-	-	1	-	-	2	-	-
Plumas	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	77	5	6.5	77	5	6.5	55	4	7.3	67	8	11.9	52	4	7.7	32	5	15.6	35	3	8.6
Sacramento	88	5	5.7	95	11	11.6	78	6	7.7	73	7	9.6	61	10	16.4	72	1	1.4	81	5	6.2
San Benito	3	-	-	1	-	-	3	-	-	1	-	-	3	-	-	1	-	-	3	-	-
San Bernardino	65	12	18.5	85	5	5.9	98	10	10.2	78	9	11.5	90	7	7.8	79	11	13.9	63	7	11.1
San Diego	308	37	12.0	302	45	14.9	265	28	10.6	270	37	13.7	225	26	11.6	261	30	11.5	250	12	4.8
San Francisco	232	19	8.2	215	25	11.6	198	17	8.6	179	11	6.1	185	20	10.8	135	9	6.7	143	13	9.1
San Joaquin	50	5	10.0	60	3	5.0	51	8	15.7	52	4	7.7	56	8	14.3	58	8	13.8	38	4	10.5
San Luis Obispo	9	1	11.1	6	1	16.7	8	1	12.5	10	2	20.0	5	-	-	6	-	-	6	-	-
San Mateo	74	9	12.2	75	4	5.3	66	8	12.1	60	7	11.7	46	3	6.5	35	3	8.6	40	3	7.5
Santa Barbara	17	1	5.9	26	-	-	19	-	-	19	4	21.1	20	1	5.0	15	1	6.7	17	3	17.6
Santa Clara	236	20	8.5	255	35	13.7	211	32	15.2	213	27	12.7	194	33	17.0	180	26	14.4	155	16	10.3
Santa Cruz	12	2	16.7	11	-	-	10	-	-	10	2	20.0	10	2	20.0	2	-	-	6	-	-
Shasta	4	-	-	3	-	-	10	1	10.0	4	-	-	5	-	-	5	-	-	4	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	-	-	-	-	-	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-
Solano	47	4	8.5	38	2	5.3	32	3	9.4	33	2	6.1	18	-	-	15	1	6.7	6	-	-
Sonoma	13	2	15.4	18	1	5.6	10	1	10.0	12	1	8.3	14	2	14.3	12	-	-	6	-	-
Stanislaus	14	3	21.4	17	2	11.8	24	4	16.7	16	2	12.5	20	2	10.0	8	-	-	14	-	-
Sutter	5	-	-	7	-	-	2	-	-	7	-	-	3	-	-	3	-	-	1	-	-
Tehama	-	-	-	4	1	25.0	-	-	-	-	-	-	2	-	-	-	-	-	1	1	100.0
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	21	3	14.3	28	1	3.6	16	1	6.3	18	2	11.1	15	1	6.7	14	1	7.1	9	1	11.1
Tuolumne	-	-	-	-	-	-	1	-	-	8	-	-	-	-	-	1	-	-	1	-	-
Ventura	43	6	14.0	27	4	14.8	49	2	4.1	30	4	13.3	34	3	8.8	30	-	-	32	5	15.6
Yolo	8	-	-	10	1	10.0	10	-	-	5	1	20.0	4	1	25.0	5	-	-	5	-	-
Yuba	2	1	50.0	2	1	50.0	3	2	66.7	3	-	-	1	-	-	9	5	55.6	1	-	-

*INH=Isoniazid

-Indicates zero cases or zero percent.

Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1995-2001

Reporting Jurisdiction	1995			1996			1997			1998			1999			2000			2001		
	No. with INH/RIF* Testing	Cases with MDR**		No. with INH/RIF Testing	Cases with MDR		No. with INH/RIF Testing	Cases with MDR		No. with INH/RIF Testing	Cases with MDR		No. with INH/RIF Testing	Cases with MDR		No. with INH/RIF Testing	Cases with MDR		No. with INH/RIF Testing	Cases with MDR	
		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	No.	%
California	3,439	47	1.4	3,238	46	1.4	3,071	42	1.4	2,948	36	1.2	2,676	39	1.5	2,484	33	1.3	2,391	25	1.0
Alameda	184	2	1.1	183	4	2.2	157	2	1.3	180	1	0.6	146	1	0.7	179	-	-	141	1	0.7
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Berkeley	11	-	-	12	-	-	10	-	-	5	-	-	14	1	7.1	4	-	-	8	-	-
Butte	5	1	20.0	3	-	-	8	-	-	4	1	25.0	3	-	-	3	-	-	3	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Colusa	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Contra Costa	73	-	-	87	1	1.1	69	1	1.4	77	1	1.3	65	-	-	55	-	-	72	-	-
Del Norte	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	4	-	-	3	-	-	3	-	-	3	-	-	1	-	-	3	-	-	4	-	-
Fresno	63	1	1.6	49	4	8.2	74	2	2.7	70	7	10.0	54	1	1.9	54	3	5.6	59	-	-
Glenn	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	8	-	-	5	-	-	3	-	-	8	-	-	5	-	-	4	-	-	6	1	16.7
Imperial	28	-	-	29	3	10.3	34	1	2.9	28	-	-	25	-	-	25	-	-	17	1	5.9
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	54	1	1.9	57	-	-	52	-	-	44	-	-	51	-	-	36	-	-	36	1	2.8
Kings	8	1	12.5	8	-	-	4	-	-	12	-	-	8	-	-	8	-	-	7	-	-
Lake	3	-	-	6	-	-	1	-	-	2	-	-	1	-	-	2	-	-	2	-	-
Lassen	-	-	-	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	58	1	1.7	72	1	1.4	67	2	3.0	40	-	-	72	1	1.4	50	-	-	42	-	-
Los Angeles	1,205	16	1.3	1,022	11	1.1	1,013	12	1.2	974	7	0.7	896	15	1.7	806	9	1.1	785	8	1.0
Madera	7	-	-	7	-	-	4	-	-	4	-	-	6	-	-	9	-	-	7	-	-
Marin	19	-	-	13	-	-	11	1	9.1	12	-	-	9	-	-	8	-	-	10	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Mendocino	1	-	-	-	-	-	2	-	-	4	-	-	1	-	-	2	-	-	2	-	-
Merced	10	-	-	14	1	7.1	10	-	-	4	-	-	10	2	20.0	4	-	-	9	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	34	-	-	23	-	-	29	1	3.4	36	-	-	31	-	-	28	-	-	31	-	-
Napa	7	-	-	10	-	-	2	-	-	3	-	-	3	-	-	2	-	-	2	-	-

*INH=Isoniazid, RIF=Rifampin

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

-Indicates zero cases or zero percent.

Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1995-2001 (cont'd)

Reporting Jurisdiction	1995			1996			1997			1998			1999			2000			2001			
	No. with INH/RIF*	Cases with MDR**		No. with INH/RIF	Cases with MDR		No. with INH/RIF	Cases with MDR		No. with INH/RIF	Cases with MDR		No. with INH/RIF	Cases with MDR		No. with INH/RIF	Cases with MDR		No. with INH/RIF	Cases with MDR		
		Testing	No.		%	Testing		No.	%		Testing	No.		%	Testing		No.	%		Testing	No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orange	300	6	2.0	250	5	2.0	285	6	2.1	248	2	0.8	204	3	1.5	212	4	1.9	214	1	0.5	
Pasadena	22	-	-	16	-	-	8	-	-	15	-	-	6	-	-	7	-	-	13	-	-	
Placer	3	1	33.3	3	-	-	2	-	-	5	-	-	2	-	-	1	-	-	2	-	-	
Plumas	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Riverside	77	1	1.3	77	1	1.3	55	2	3.6	67	1	1.5	52	3	5.8	32	3	9.4	35	-	-	
Sacramento	88	1	1.1	94	-	-	78	-	-	73	2	2.7	61	-	-	72	-	-	81	2	2.5	
San Benito	3	-	-	1	-	-	3	-	-	1	-	-	3	-	-	1	-	-	3	-	-	
San Bernardino	65	1	1.5	85	-	-	98	-	-	78	2	2.6	88	1	1.1	78	-	-	63	1	1.6	
San Diego	308	3	1.0	302	4	1.3	265	2	0.8	269	3	1.1	225	2	0.9	261	8	3.1	250	2	0.8	
San Francisco	232	3	1.3	215	2	0.9	198	2	1.0	179	2	1.1	185	3	1.6	135	-	-	143	4	2.8	
San Joaquin	50	2	4.0	60	1	1.7	51	-	-	52	-	-	56	2	3.6	58	3	5.2	38	-	-	
San Luis Obispo	9	-	-	6	-	-	8	-	-	10	-	-	5	-	-	6	-	-	6	-	-	
San Mateo	74	2	2.7	75	1	1.3	66	2	3.0	60	-	-	46	-	-	35	-	-	40	-	-	
Santa Barbara	17	1	5.9	26	-	-	19	-	-	19	-	-	20	-	-	15	-	-	17	1	5.9	
Santa Clara	236	1	0.4	255	2	0.8	211	3	1.4	213	5	2.3	194	3	1.5	180	2	1.1	155	-	-	
Santa Cruz	12	-	-	11	-	-	10	-	-	10	-	-	10	-	-	2	-	-	6	-	-	
Shasta	4	-	-	3	-	-	10	-	-	4	-	-	5	-	-	5	-	-	4	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siskiyou	1	-	-	-	-	-	-	-	-	2	-	-	1	-	-	1	-	-	-	-	-	
Solano	47	1	2.1	38	1	2.6	32	-	-	33	-	-	18	-	-	15	-	-	6	-	-	
Sonoma	13	-	-	18	-	-	10	-	-	12	-	-	14	-	-	12	-	-	6	-	-	
Stanislaus	14	-	-	17	1	5.9	24	1	4.2	16	-	-	20	-	-	8	-	-	14	-	-	
Sutter	5	-	-	7	-	-	2	-	-	7	-	-	3	-	-	3	-	-	1	-	-	
Tehama	-	-	-	4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	1	100.0	
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tulare	21	-	-	28	1	3.6	16	1	6.3	18	-	-	15	1	6.7	14	-	-	9	1	11.1	
Tuolumne	-	-	-	-	-	-	1	-	-	8	-	-	-	-	-	1	-	-	1	-	-	
Ventura	43	1	2.3	27	-	-	49	-	-	30	2	6.7	34	-	-	30	-	-	32	-	-	
Yolo	8	-	-	10	-	-	10	-	-	5	-	-	4	-	-	5	-	-	5	-	-	
Yuba	2	-	-	2	1	50.0	3	1	33.3	3	-	-	1	-	-	9	1	11.1	1	-	-	

*INH=Isoniazid, RIF=Rifampin

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

-Indicates zero cases or zero percent.

Table 47. Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 1999

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.	%
California	3,486	2,454	70.4	401	11.5	276	7.9	238	6.8	45	1.3	6	0.2	26	0.7	40	1.1
Alameda	221	157	71.0	16	7.2	19	8.6	24	10.9	3	1.4	-	-	-	-	2	0.9
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
Berkeley	15	8	53.3	3	20.0	3	20.0	1	6.7	-	-	-	-	-	-	-	-
Butte	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	96	61	63.5	11	11.5	15	15.6	6	6.3	3	3.1	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	100.0
Fresno	100	69	69.0	11	11.0	13	13.0	6	6.0	1	1.0	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	7	6	85.7	-	-	1	14.3	-	-	-	-	-	-	-	-	-	-
Imperial	36	28	77.8	2	5.6	3	8.3	2	5.6	1	2.8	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	59	34	57.6	5	8.5	16	27.1	4	6.8	-	-	-	-	-	-	-	-
Kings	11	8	72.7	1	9.1	2	18.2	-	-	-	-	-	-	-	-	-	-
Lake	2	-	-	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	85	60	70.6	11	12.9	5	5.9	8	9.4	-	-	-	-	1	1.2	-	-
Los Angeles	1,128	772	68.4	156	13.8	76	6.7	92	8.2	19	1.7	-	-	2	0.2	11	1.0
Madera	7	4	57.1	-	-	-	-	2	28.6	1	14.3	-	-	-	-	-	-
Marin	9	6	66.7	1	11.1	1	11.1	-	-	-	-	-	-	1	11.1	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	11	6	54.5	1	9.1	1	9.1	1	9.1	-	-	-	-	1	9.1	1	9.1
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	48	32	66.7	10	20.8	3	6.3	2	4.2	1	2.1	-	-	-	-	-	-
Napa	3	-	-	-	-	3	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, 1999 (cont'd)

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	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orange	241	186	77.2	20	8.3	19	7.9	8	3.3	1	0.4	1	0.4	2	0.8	4	1.7
Pasadena	8	6	75.0	1	12.5	1	12.5	-	-	-	-	-	-	-	-	-	-
Placer	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	75	60	80.0	4	5.3	5	6.7	3	4.0	1	1.3	-	-	1	1.3	1	1.3
Sacramento	92	65	70.7	13	14.1	3	3.3	8	8.7	2	2.2	1	1.1	-	-	-	-
San Benito	4	2	50.0	-	-	2	50.0	-	-	-	-	-	-	-	-	-	-
San Bernardino	101	58	57.4	17	16.8	11	10.9	4	4.0	1	1.0	-	-	3	3.0	7	6.9
San Diego	292	210	71.9	39	13.4	21	7.2	14	4.8	1	0.3	-	-	5	1.7	2	0.7
San Francisco	231	171	74.0	22	9.5	8	3.5	26	11.3	1	0.4	2	0.9	1	0.4	-	-
San Joaquin	70	57	81.4	9	12.9	3	4.3	1	1.4	-	-	-	-	-	-	-	-
San Luis Obispo	6	4	66.7	-	-	1	16.7	-	-	-	-	1	16.7	-	-	-	-
San Mateo	61	45	73.8	6	9.8	5	8.2	3	4.9	-	-	-	-	-	-	2	3.3
Santa Barbara	24	18	75.0	1	4.2	2	8.3	1	4.2	1	4.2	-	-	-	-	1	4.2
Santa Clara	237	180	75.9	19	8.0	19	8.0	10	4.2	1	0.4	-	-	5	2.1	3	1.3
Santa Cruz	14	9	64.3	-	-	2	14.3	2	14.3	-	-	1	7.1	-	-	-	-
Shasta	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	30	22	73.3	-	-	2	6.7	-	-	1	3.3	-	-	1	3.3	4	13.3
Sonoma	18	13	72.2	3	16.7	1	5.6	1	5.6	-	-	-	-	-	-	-	-
Stanislaus	28	16	57.1	6	21.4	1	3.6	4	14.3	1	3.6	-	-	-	-	-	-
Sutter	6	5	83.3	-	-	-	-	-	-	-	-	-	-	1	16.7	-	-
Tehama	2	1	50.0	1	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	20	13	65.0	3	15.0	2	10.0	1	5.0	1	5.0	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	60	42	70.0	7	11.7	6	10.0	2	3.3	-	-	-	-	2	3.3	1	1.7
Yolo	9	3	33.3	-	-	1	11.1	1	11.1	4	44.4	-	-	-	-	-	-
Yuba	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*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, 1999

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.	%
California	3,144	2,291	72.9	313	10.0	227	7.2	217	6.9	42	1.3	4	0.1	13	0.4	29	0.9
Alameda	202	145	71.8	14	6.9	16	7.9	23	11.4	3	1.5	-	-	-	-	1	0.5
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	1	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
Berkeley	14	8	57.1	2	14.3	3	21.4	1	7.1	-	-	-	-	-	-	-	-
Butte	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	86	58	67.4	9	10.5	11	12.8	5	5.8	3	3.5	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	100.0
Fresno	90	66	73.3	7	7.8	10	11.1	6	6.7	1	1.1	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	7	6	85.7	-	-	1	14.3	-	-	-	-	-	-	-	-	-	-
Imperial	33	26	78.8	1	3.0	3	9.1	2	6.1	1	3.0	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	57	33	57.9	5	8.8	15	26.3	4	7.0	-	-	-	-	-	-	-	-
Kings	11	8	72.7	1	9.1	2	18.2	-	-	-	-	-	-	-	-	-	-
Lake	2	-	-	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	79	58	73.4	9	11.4	5	6.3	6	7.6	-	-	-	-	-	-	-	-
Los Angeles	1,027	727	70.8	125	12.2	64	6.2	84	8.2	18	1.8	-	-	-	-	7	0.7
Madera	7	4	57.1	-	-	-	-	2	28.6	1	14.3	-	-	-	-	-	-
Marin	9	6	66.7	1	11.1	1	11.1	-	-	-	-	-	-	1	11.1	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	9	6	66.7	1	11.1	-	-	1	11.1	-	-	-	-	1	11.1	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	44	30	68.2	9	20.5	3	6.8	1	2.3	1	2.3	-	-	-	-	-	-
Napa	3	-	-	-	-	3	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, 1999 (cont'd)

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	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orange	213	170	79.8	17	8.0	14	6.6	8	3.8	-	-	-	-	1	0.5	3	1.4
Pasadena	7	6	85.7	1	14.3	-	-	-	-	-	-	-	-	-	-	-	-
Placer	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	70	58	82.9	2	2.9	5	7.1	3	4.3	1	1.4	-	-	1	1.4	-	-
Sacramento	82	61	74.4	10	12.2	2	2.4	7	8.5	2	2.4	-	-	-	-	-	-
San Benito	4	2	50.0	-	-	2	50.0	-	-	-	-	-	-	-	-	-	-
San Bernardino	93	53	57.0	16	17.2	10	10.8	4	4.3	1	1.1	-	-	1	1.1	7	7.5
San Diego	243	189	77.8	23	9.5	16	6.6	11	4.5	1	0.4	-	-	1	0.4	-	-
San Francisco	210	159	75.7	17	8.1	5	2.4	25	11.9	1	0.5	2	1.0	-	-	-	-
San Joaquin	62	56	90.3	4	6.5	1	1.6	1	1.6	-	-	-	-	-	-	-	-
San Luis Obispo	6	4	66.7	-	-	1	16.7	-	-	-	-	1	16.7	-	-	-	-
San Mateo	58	43	74.1	6	10.3	4	6.9	3	5.2	-	-	-	-	-	-	2	3.4
Santa Barbara	23	17	73.9	1	4.3	2	8.7	1	4.3	1	4.3	-	-	-	-	1	4.3
Santa Clara	201	158	78.6	13	6.5	13	6.5	10	5.0	1	0.5	-	-	4	2.0	2	1.0
Santa Cruz	12	8	66.7	-	-	2	16.7	1	8.3	-	-	1	8.3	-	-	-	-
Shasta	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	30	22	73.3	-	-	2	6.7	-	-	1	3.3	-	-	1	3.3	4	13.3
Sonoma	16	13	81.3	1	6.3	1	6.3	1	6.3	-	-	-	-	-	-	-	-
Stanislaus	25	14	56.0	6	24.0	1	4.0	3	12.0	1	4.0	-	-	-	-	-	-
Sutter	6	5	83.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	2	1	50.0	1	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	18	13	72.2	2	11.1	2	11.1	-	-	1	5.6	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	56	38	67.9	7	12.5	6	10.7	2	3.6	-	-	-	-	2	3.6	1	1.8
Yolo	8	3	37.5	-	-	1	12.5	1	12.5	3	37.5	-	-	-	-	-	-
Yuba	1	1	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 49. Drug-Resistant* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 1999

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.	%
California	342	163	47.7	88	25.7	49	14.3	21	6.1	3	0.9	2	0.6	5	1.5	11	3.2
Alameda	19	12	63.2	2	10.5	3	15.8	1	5.3	-	-	-	-	-	-	1	5.3
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	10	3	30.0	2	20.0	4	40.0	1	10.0	-	-	-	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fresno	10	3	30.0	4	40.0	3	30.0	-	-	-	-	-	-	-	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imperial	3	2	66.7	1	33.3	-	-	-	-	-	-	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	2	1	50.0	-	-	1	50.0	-	-	-	-	-	-	-	-	-	-
Kings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	6	2	33.3	2	33.3	-	-	2	33.3	-	-	-	-	-	-	-	-
Los Angeles	101	45	44.6	31	30.7	12	11.9	8	7.9	1	1.0	-	-	-	-	4	4.0
Madera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	2	-	-	-	-	1	50.0	-	-	-	-	-	-	-	-	1	50.0
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	4	2	50.0	1	25.0	-	-	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, 1999 (cont'd)

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	28	16	57.1	3	10.7	5	17.9	-	-	1	3.6	1	3.6	1	3.6	1	3.6
Pasadena	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	5	2	40.0	2	40.0	-	-	-	-	-	-	-	-	-	-	1	20.0
Sacramento	10	4	40.0	3	30.0	1	10.0	1	10.0	-	-	1	10.0	-	-	-	-
San Benito	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	8	5	62.5	1	12.5	1	12.5	-	-	-	-	-	-	1	12.5	-	-
San Diego	49	21	42.9	16	32.7	5	10.2	3	6.1	-	-	-	-	2	4.1	2	4.1
San Francisco	21	12	57.1	5	23.8	3	14.3	1	4.8	-	-	-	-	-	-	-	-
San Joaquin	8	1	12.5	5	62.5	2	25.0	-	-	-	-	-	-	-	-	-	-
San Luis Obispo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Mateo	3	2	66.7	-	-	1	33.3	-	-	-	-	-	-	-	-	-	-
Santa Barbara	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Santa Clara	36	22	61.1	6	16.7	6	16.7	-	-	-	-	-	-	1	2.8	1	2.8
Santa Cruz	2	1	50.0	-	-	-	-	1	50.0	-	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonoma	2	-	-	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Stanislaus	3	2	66.7	-	-	-	-	1	33.3	-	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	2	-	-	1	50.0	-	-	1	50.0	-	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	4	4	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yolo	1	-	-	-	-	-	-	-	-	1	100.0	-	-	-	-	-	-
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, 1999

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.	%
California	3,486	2,454	70.4	401	11.5	276	7.9	238	6.8	45	1.3	6	0.2	26	0.7	40	1.1
AIDS																	
No	3,270	2,347	71.8	350	10.7	250	7.6	215	6.6	41	1.3	6	0.2	24	0.7	37	1.1
Yes	216	107	49.5	51	23.6	26	12.0	23	10.6	4	1.9	-	-	2	0.9	3	1.4
Homelessness																	
No	3,223	2,277	70.6	375	11.6	252	7.8	214	6.6	39	1.2	6	0.2	24	0.7	36	1.1
Yes	224	150	67.0	23	10.3	19	8.5	20	8.9	6	2.7	-	-	2	0.9	4	1.8
Unknown	39	27	69.2	3	7.7	5	12.8	4	10.3	-	-	-	-	-	-	-	-
Excess Alcohol Use																	
No	2,949	2,116	71.8	345	11.7	216	7.3	179	6.1	30	1.0	5	0.2	22	0.7	36	1.2
Yes	402	269	66.9	39	9.7	41	10.2	36	9.0	10	2.5	1	0.2	3	0.7	3	0.7
Unknown	135	69	51.1	17	12.6	19	14.1	23	17.0	5	3.7	-	-	1	0.7	1	0.7
Injecting Drug Use																	
No	3,271	2,345	71.7	379	11.6	238	7.3	203	6.2	38	1.2	6	0.2	25	0.8	37	1.1
Yes	88	47	53.4	9	10.2	17	19.3	9	10.2	3	3.4	-	-	1	1.1	2	2.3
Unknown	127	62	48.8	13	10.2	21	16.5	26	20.5	4	3.1	-	-	-	-	1	0.8
Non-Injecting Drug Use																	
No	3,124	2,247	71.9	359	11.5	222	7.1	198	6.3	32	1.0	6	0.2	24	0.8	36	1.2
Yes	224	138	61.6	26	11.6	32	14.3	15	6.7	9	4.0	-	-	2	0.9	2	0.9
Unknown	138	69	50.0	16	11.6	22	15.9	25	18.1	4	2.9	-	-	-	-	2	1.4
Diagnosed in Correctional Facility																	
No	3,365	2,384	70.8	395	11.7	238	7.1	238	7.1	41	1.2	6	0.2	25	0.7	38	1.1
Yes	118	69	58.5	5	4.2	37	31.4	-	-	4	3.4	-	-	1	0.8	2	1.7
State Prison	26	11	42.3	-	-	11	42.3	-	-	1	3.8	-	-	1	3.8	2	7.7
Local Jail	79	54	68.4	5	6.3	18	22.8	-	-	2	2.5	-	-	-	-	-	-
Other/Unknown	13	4	30.8	-	-	8	61.5	-	-	1	7.7	-	-	-	-	-	-
Unknown	3	1	33.3	1	33.3	1	33.3	-	-	-	-	-	-	-	-	-	-
Diagnosed in Long-term Care Facility																	
No	3,418	2,423	70.9	398	11.6	268	7.8	216	6.3	45	1.3	6	0.2	24	0.7	38	1.1
Yes	66	30	45.5	3	4.5	7	10.6	22	33.3	-	-	-	-	2	3.0	2	3.0
Unknown	2	1	50.0	-	-	1	50.0	-	-	-	-	-	-	-	-	-	-

*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, 1999

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.	%
California	3,144	2,291	72.9	313	10.0	227	7.2	217	6.9	42	1.3	4	0.1	21	0.7	29	0.9
AIDS																	
No	2,950	2,187	74.1	267	9.1	207	7.0	199	6.7	38	1.3	4	0.1	19	0.6	29	1.0
Yes	194	104	53.6	46	23.7	20	10.3	18	9.3	4	2.1	-	-	2	1.0	-	-
Homelessness																	
No	2,899	2,122	73.2	290	10.0	206	7.1	195	6.7	36	1.2	4	0.1	19	0.7	27	0.9
Yes	212	145	68.4	21	9.9	16	7.5	20	9.4	6	2.8	-	-	2	0.9	2	0.9
Unknown	33	24	72.7	2	6.1	5	15.2	2	6.1	-	-	-	-	-	-	-	-
Excess Alcohol Use																	
No	2,657	1,980	74.5	267	10.0	175	6.6	160	6.0	27	1.0	3	0.1	18	0.7	27	1.0
Yes	366	246	67.2	35	9.6	35	9.6	35	9.6	10	2.7	1	0.3	2	0.5	2	0.5
Unknown	121	65	53.7	11	9.1	17	14.0	22	18.2	5	4.1	-	-	1	0.8	-	-
Injecting Drug Use																	
No	2,942	2,187	74.3	295	10.0	191	6.5	183	6.2	35	1.2	4	0.1	20	0.7	27	0.9
Yes	87	47	54.0	8	9.2	17	19.5	9	10.3	3	3.4	-	-	1	1.1	2	2.3
Unknown	115	57	49.6	10	8.7	19	16.5	25	21.7	4	3.5	-	-	-	-	-	-
Non-injecting Drug Use																	
No	2,813	2,095	74.5	281	10.0	179	6.4	179	6.4	29	1.0	4	0.1	19	0.7	27	1.0
Yes	208	132	63.5	21	10.1	28	13.5	14	6.7	9	4.3	-	-	2	1.0	2	1.0
Unknown	123	64	52.0	11	8.9	20	16.3	24	19.5	4	3.3	-	-	-	-	-	-
Diagnosed in Correctional Facility																	
No	3,033	2,224	73.3	309	10.2	194	6.4	217	7.2	38	1.3	4	0.1	20	0.7	27	0.9
Yes	109	66	60.6	3	2.8	33	30.3	-	-	4	3.7	-	-	1	0.9	2	1.8
State Prison	25	11	44.0	-	-	10	40.0	-	-	1	4.0	-	-	1	4.0	2	8.0
Local Jail	71	51	71.8	3	4.2	15	21.1	-	-	2	2.8	-	-	-	-	-	-
Other/Unknown	13	4	30.8	-	-	8	61.5	-	-	1	7.7	-	-	-	-	-	-
Unknown	2	1	50.0	1	50.0	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosed in Long-term Care Facility																	
No	3,084	2,263	73.4	311	10.1	220	7.1	198	6.4	42	1.4	4	0.1	19	0.6	27	0.9
Yes	59	27	45.8	2	3.4	7	11.9	19	32.2	-	-	-	-	2	3.4	2	3.4
Unknown	1	1	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.

Figure 1. Number of Tuberculosis Cases, California, 1930-2001

Number of Tuberculosis Cases

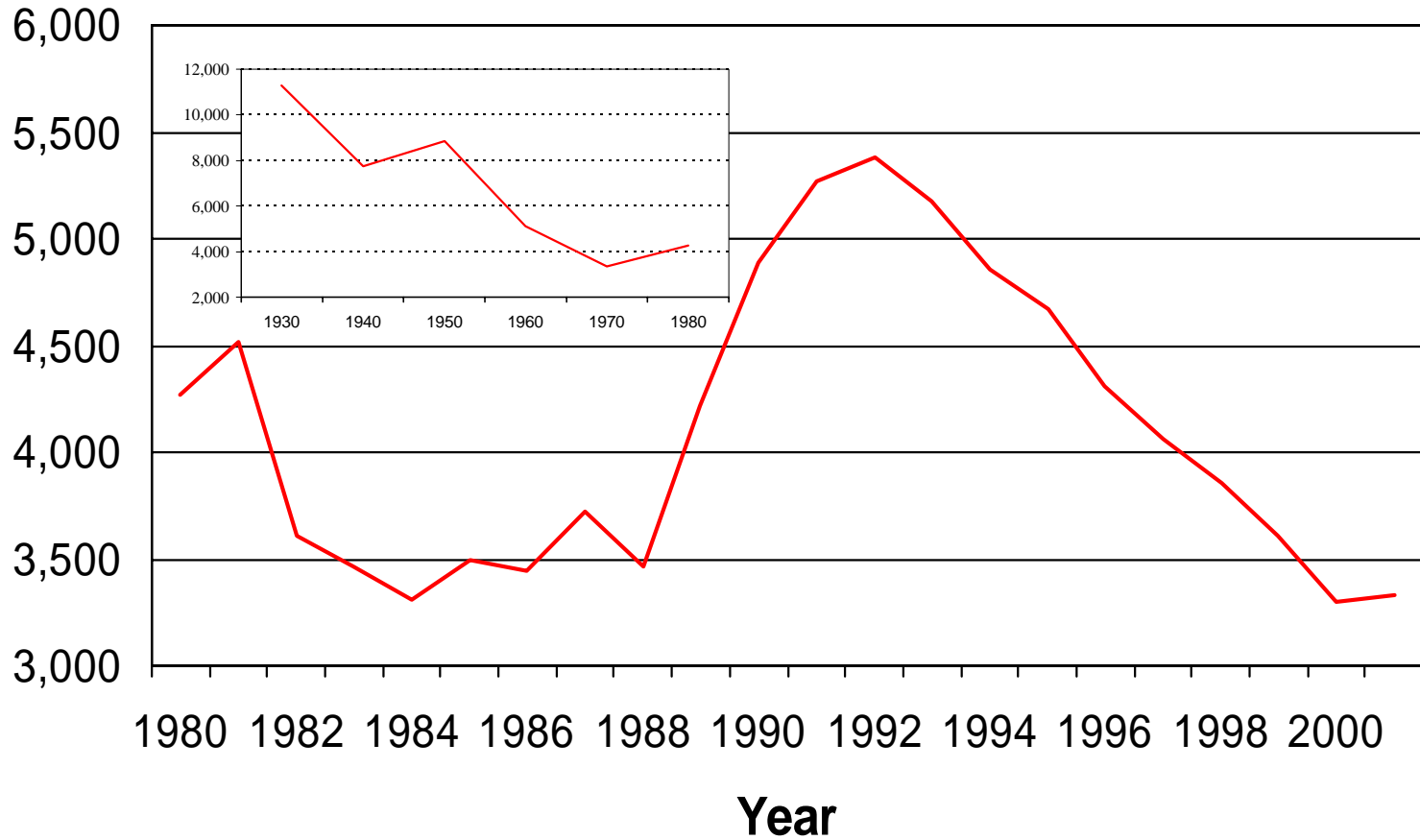


Figure 2. Number of Tuberculosis Cases and Case Rates, California, 1993-2001

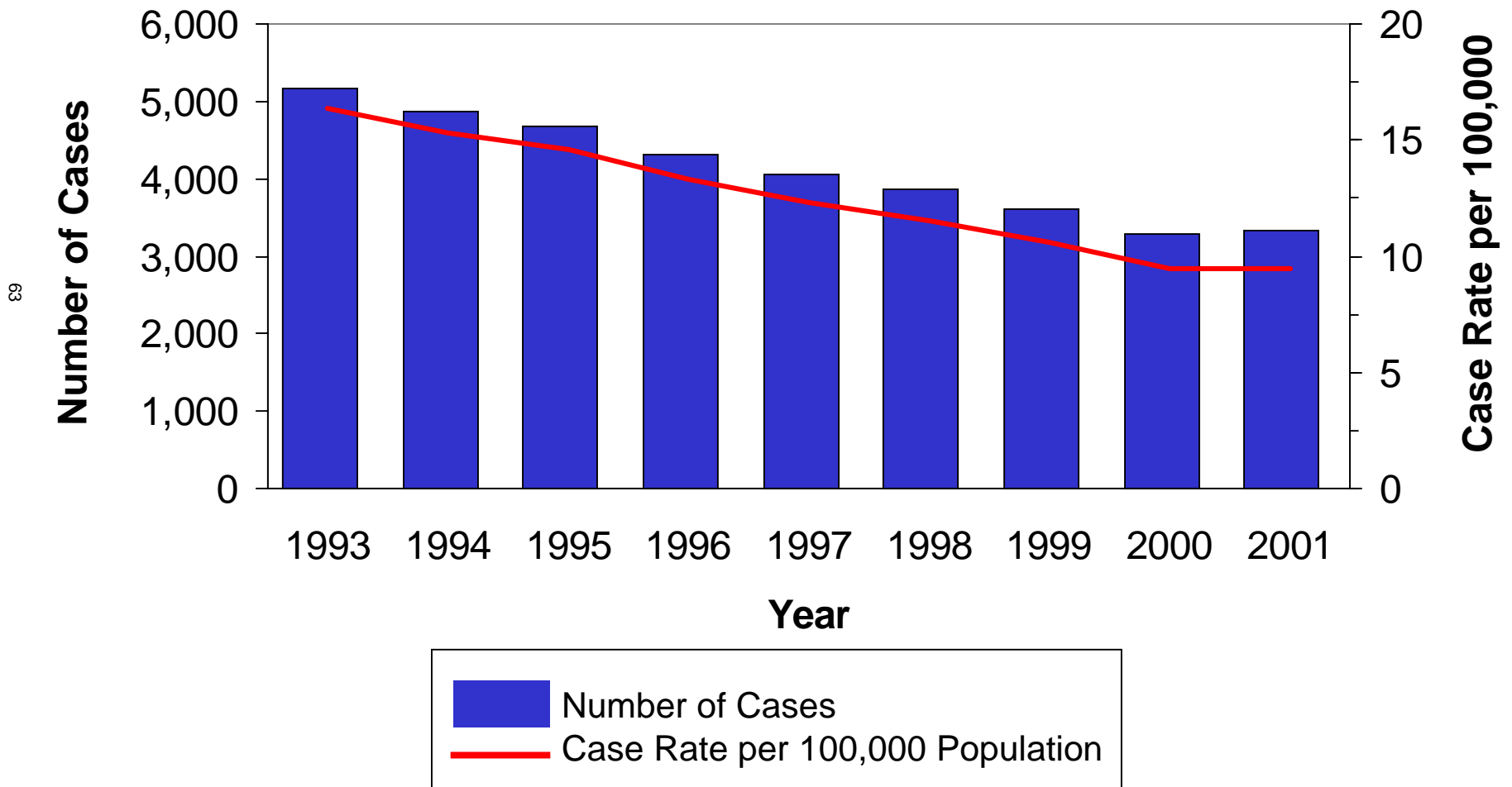


Figure 3. Tuberculosis Cases by Race/Ethnicity: California, 2001

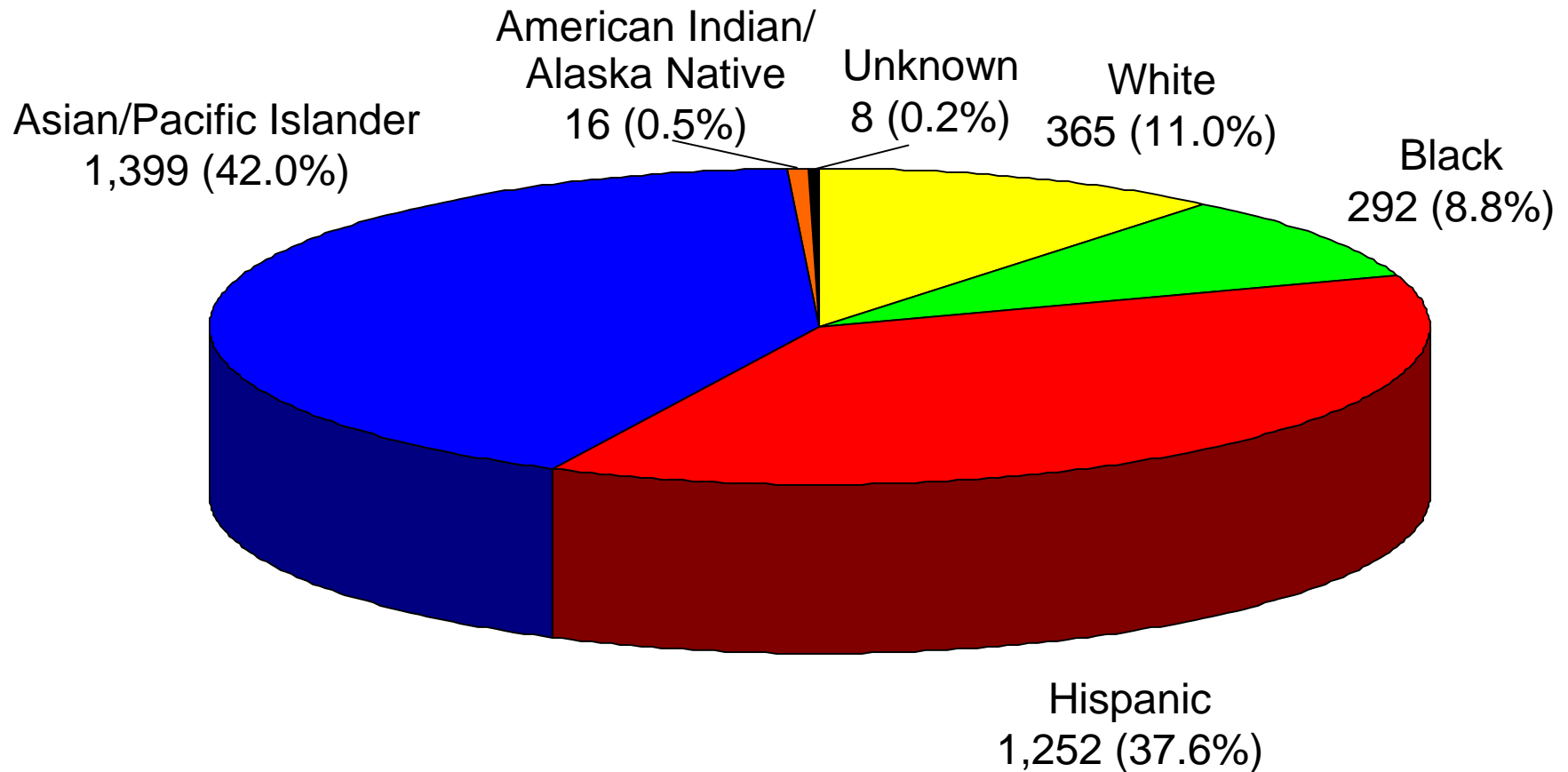


Figure 4. Tuberculosis Case Rates by Race/Ethnicity: California, 1992-2001

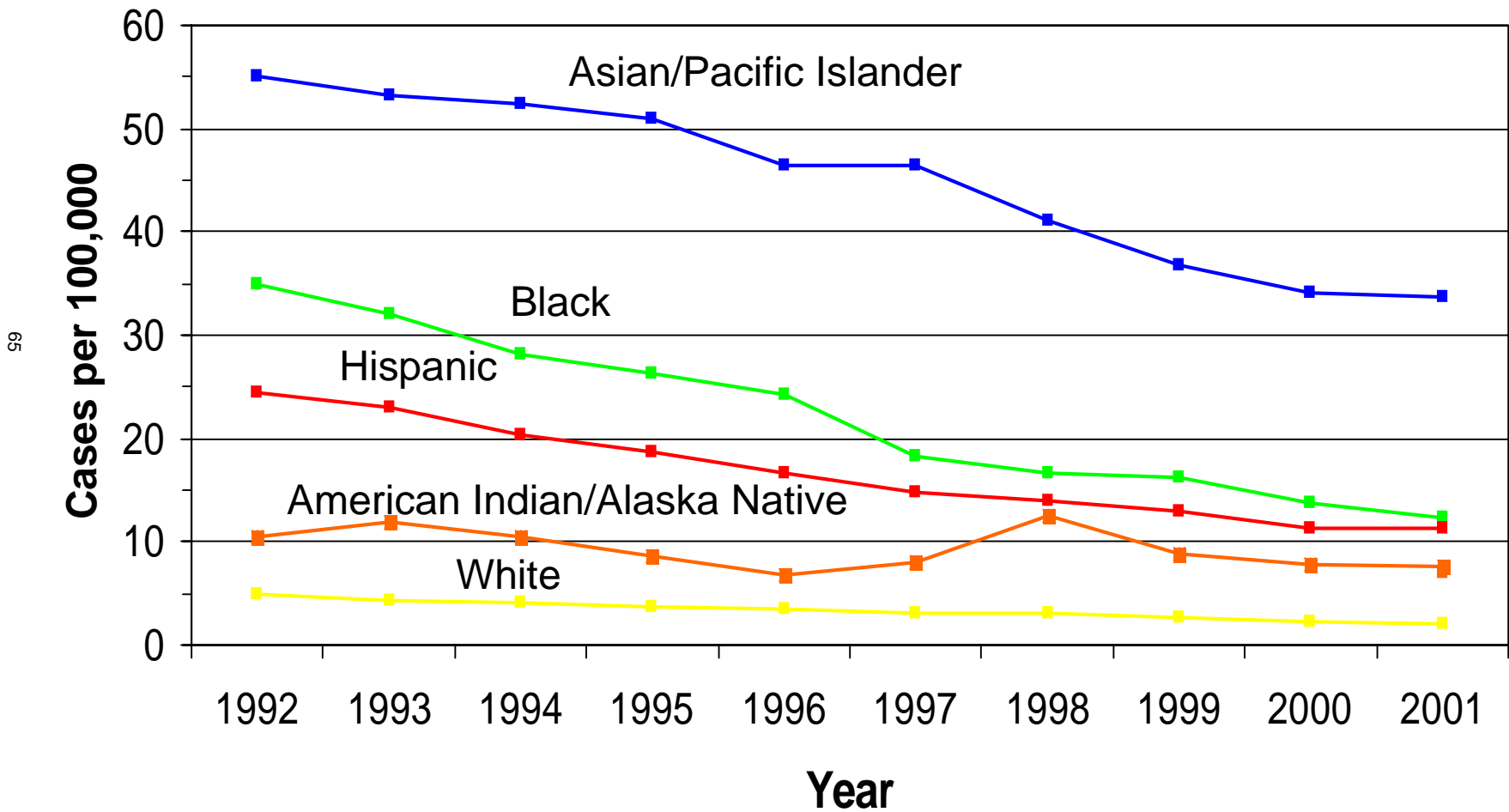


Figure 5. Percentage and Number of Tuberculosis Cases in Foreign-born and U.S.-born Persons: California, 1992-2001

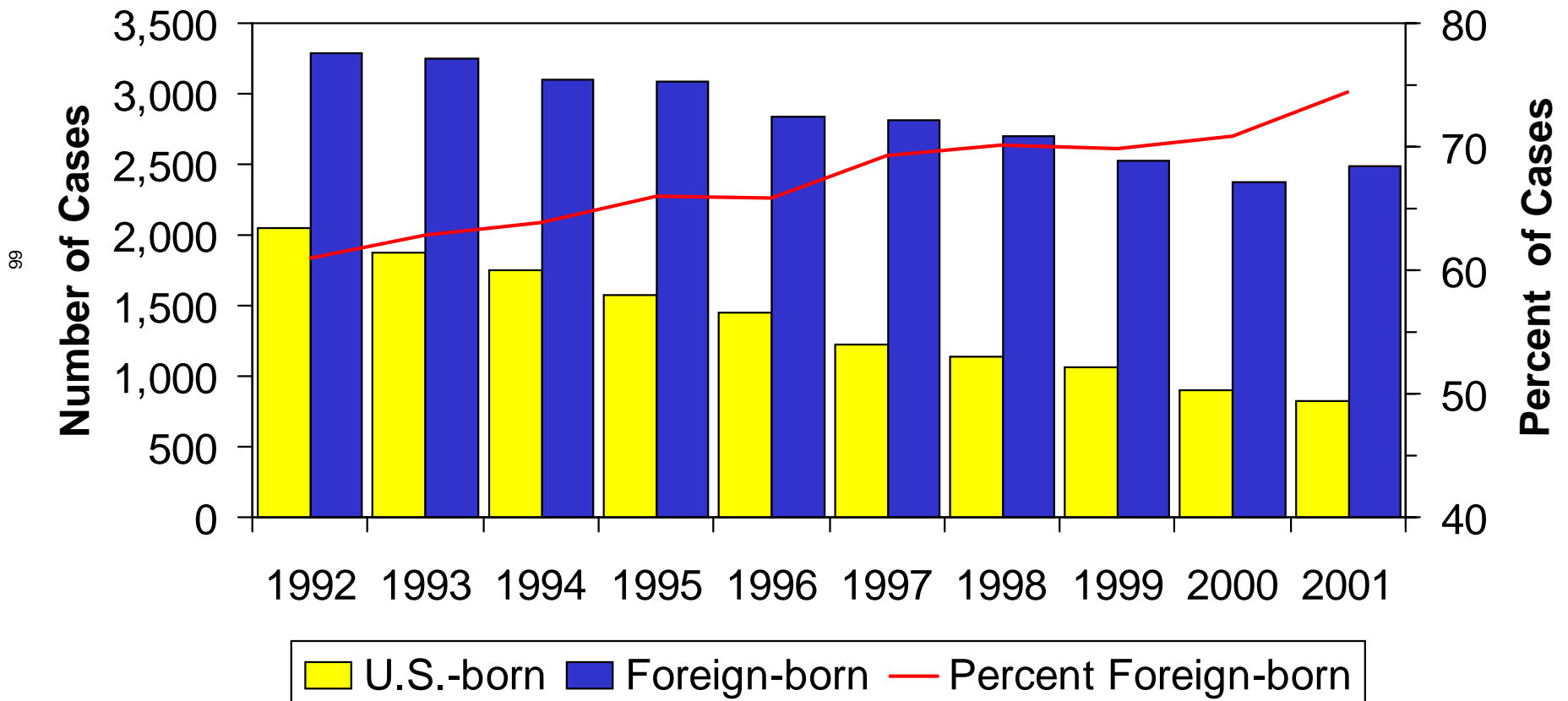
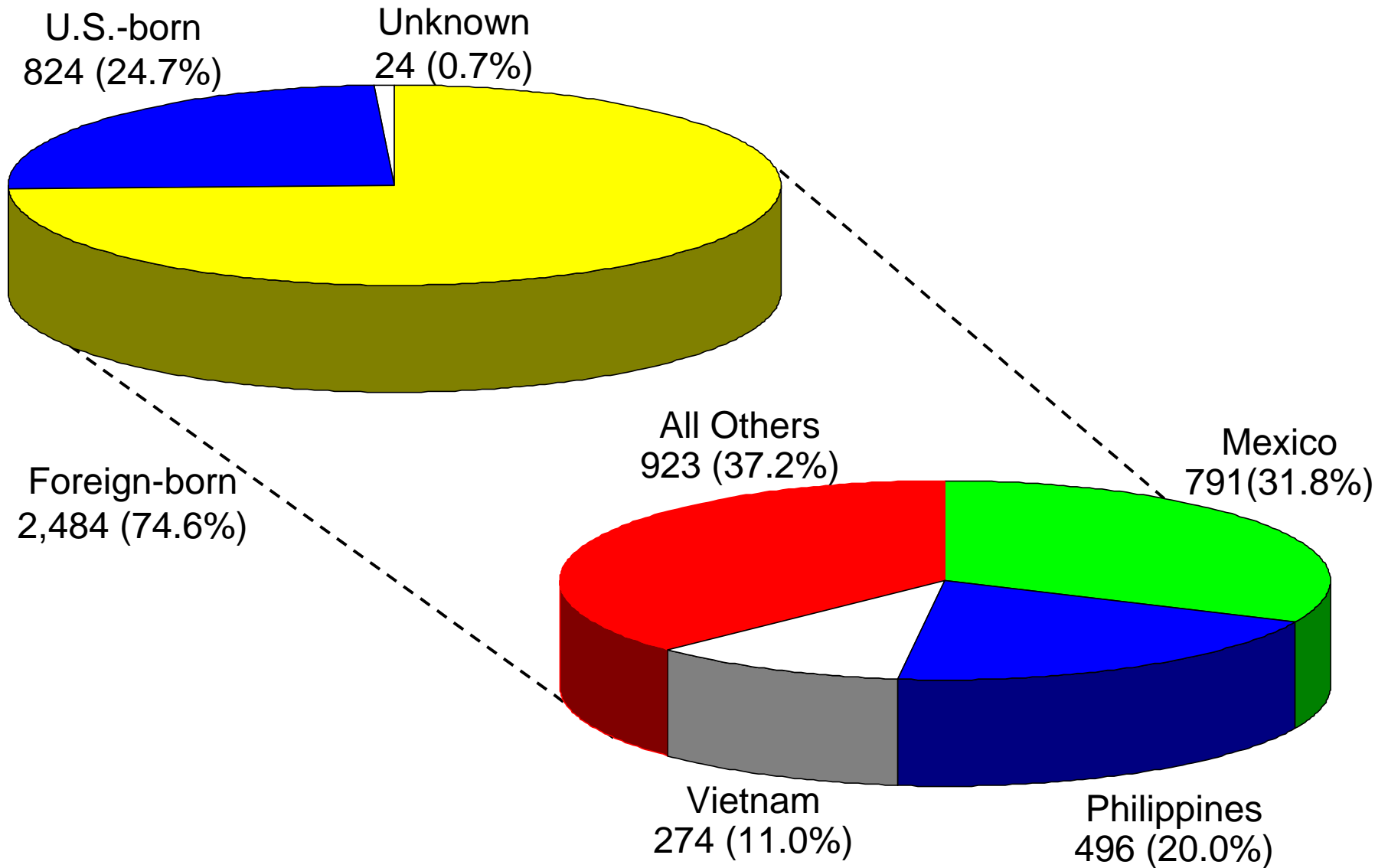


Figure 6. Tuberculosis Cases by Country of Origin: California, 2001



67

Figure 7. Tuberculosis Cases in Persons 0-4 Years of Age: California, 1993-2001

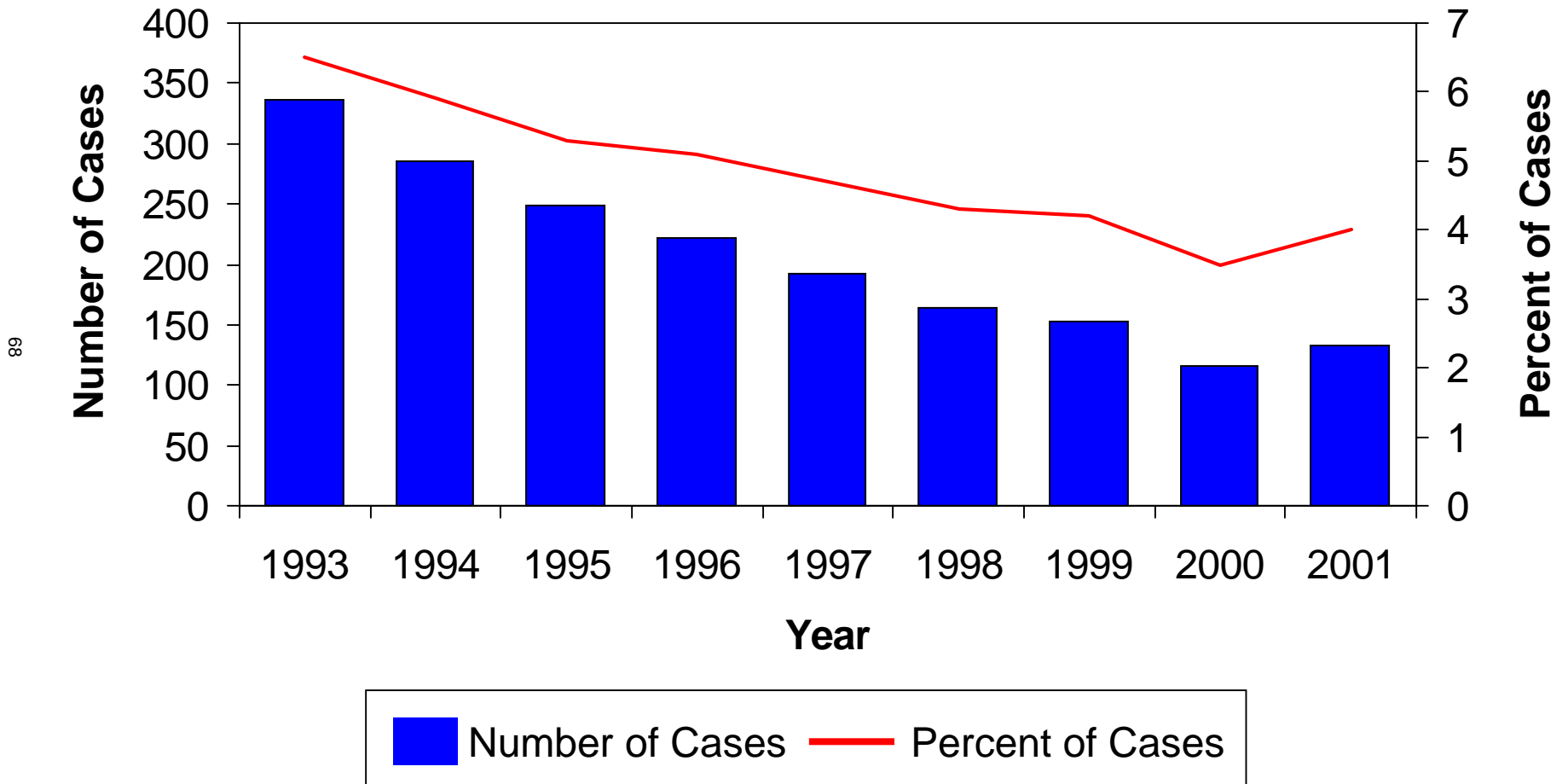


Figure 8. Tuberculosis Cases by Verification Criteria: California, 2001

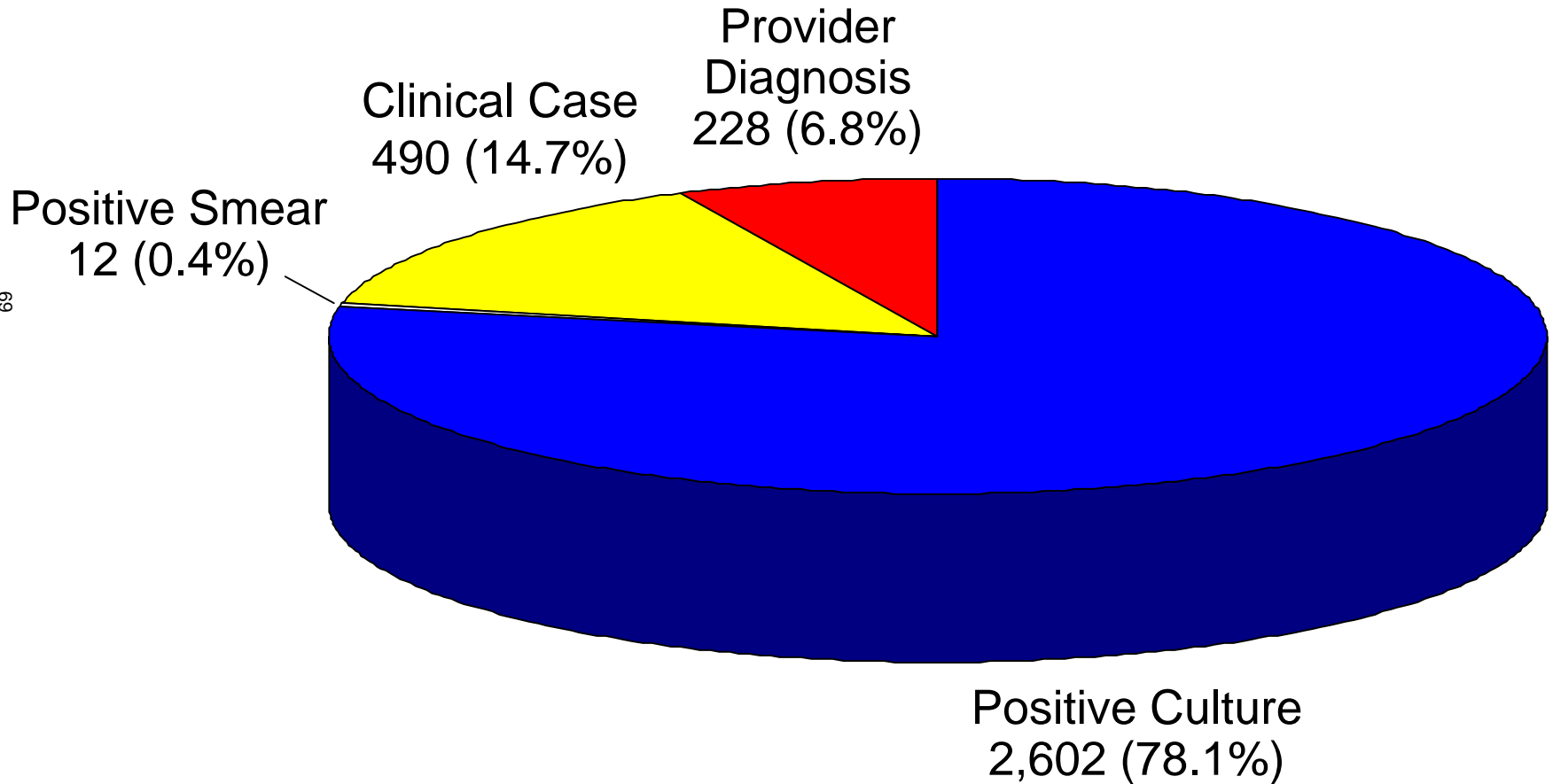


Figure 9. Deaths in Persons with Tuberculosis: California, 1995-1999

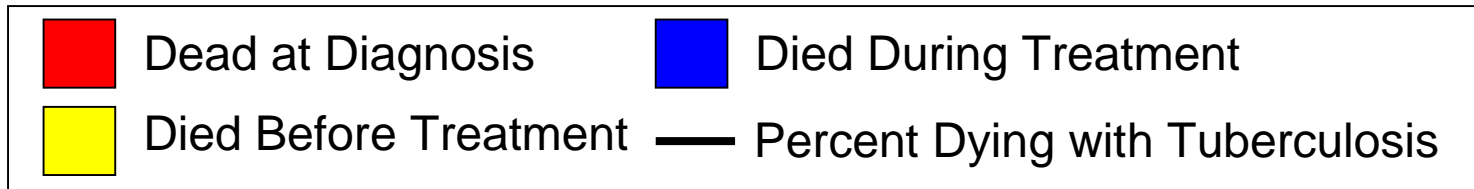
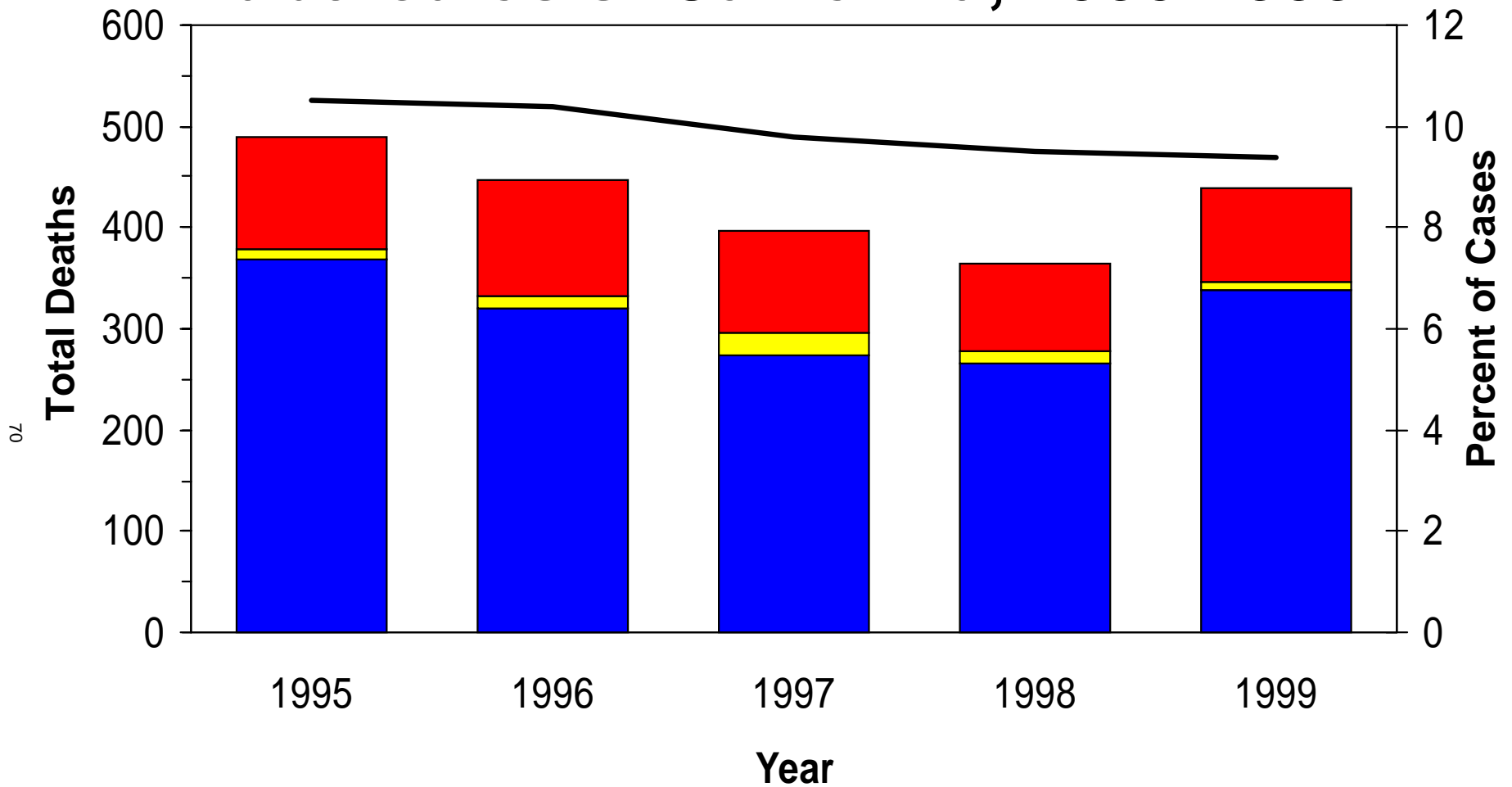
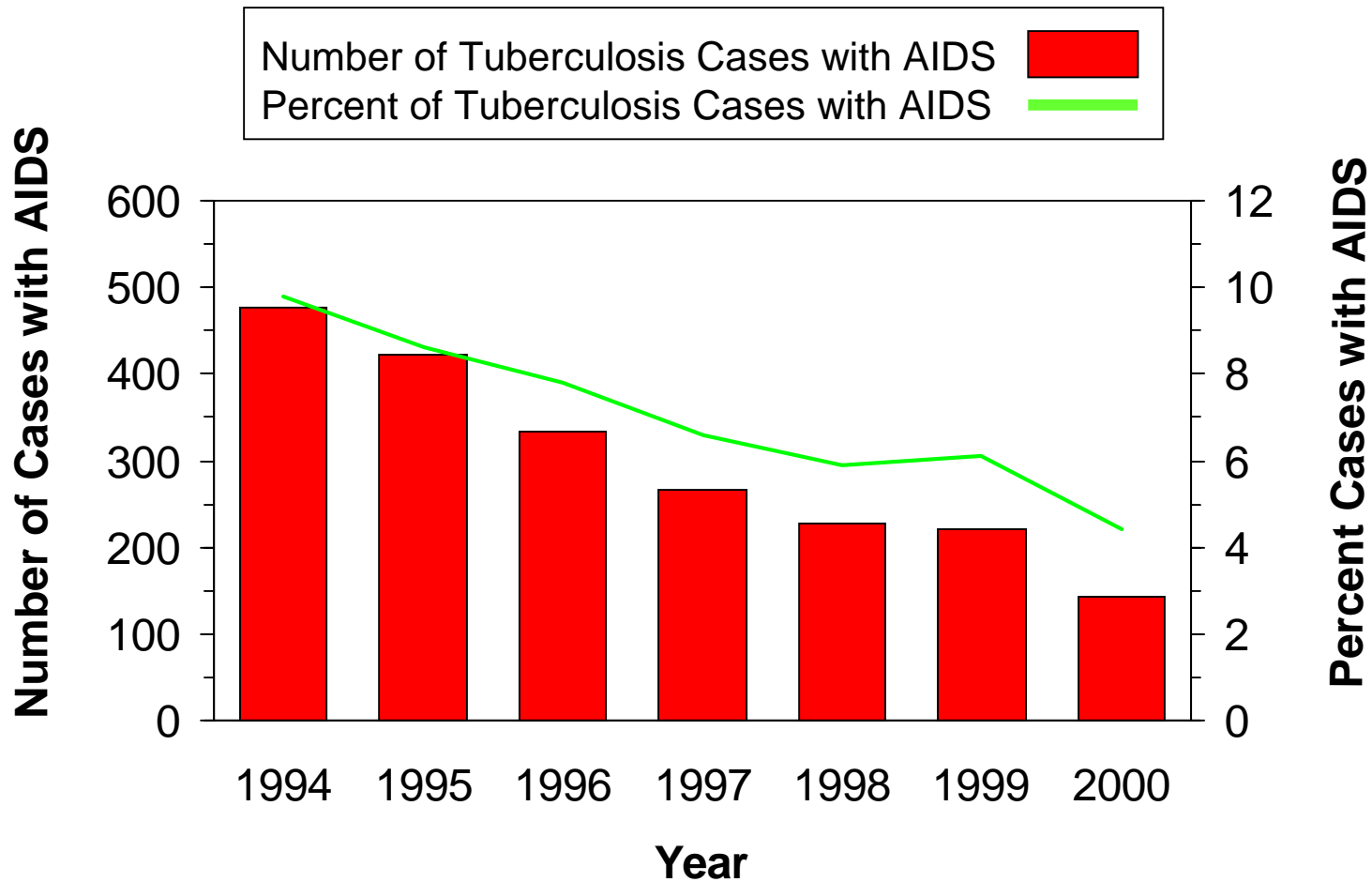
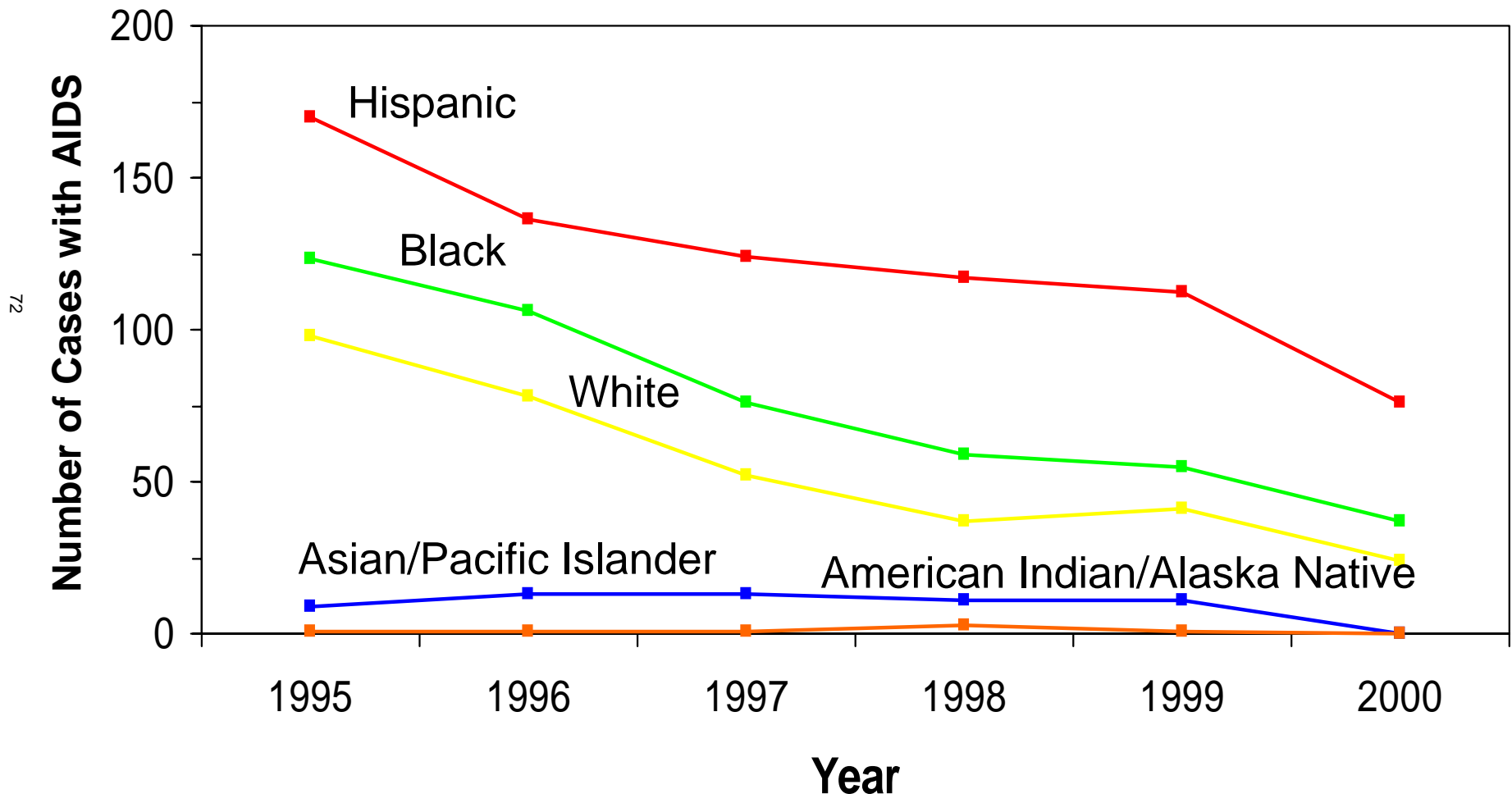


Figure 10. Tuberculosis Cases by AIDS Diagnosis*: California, 1994-2000



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

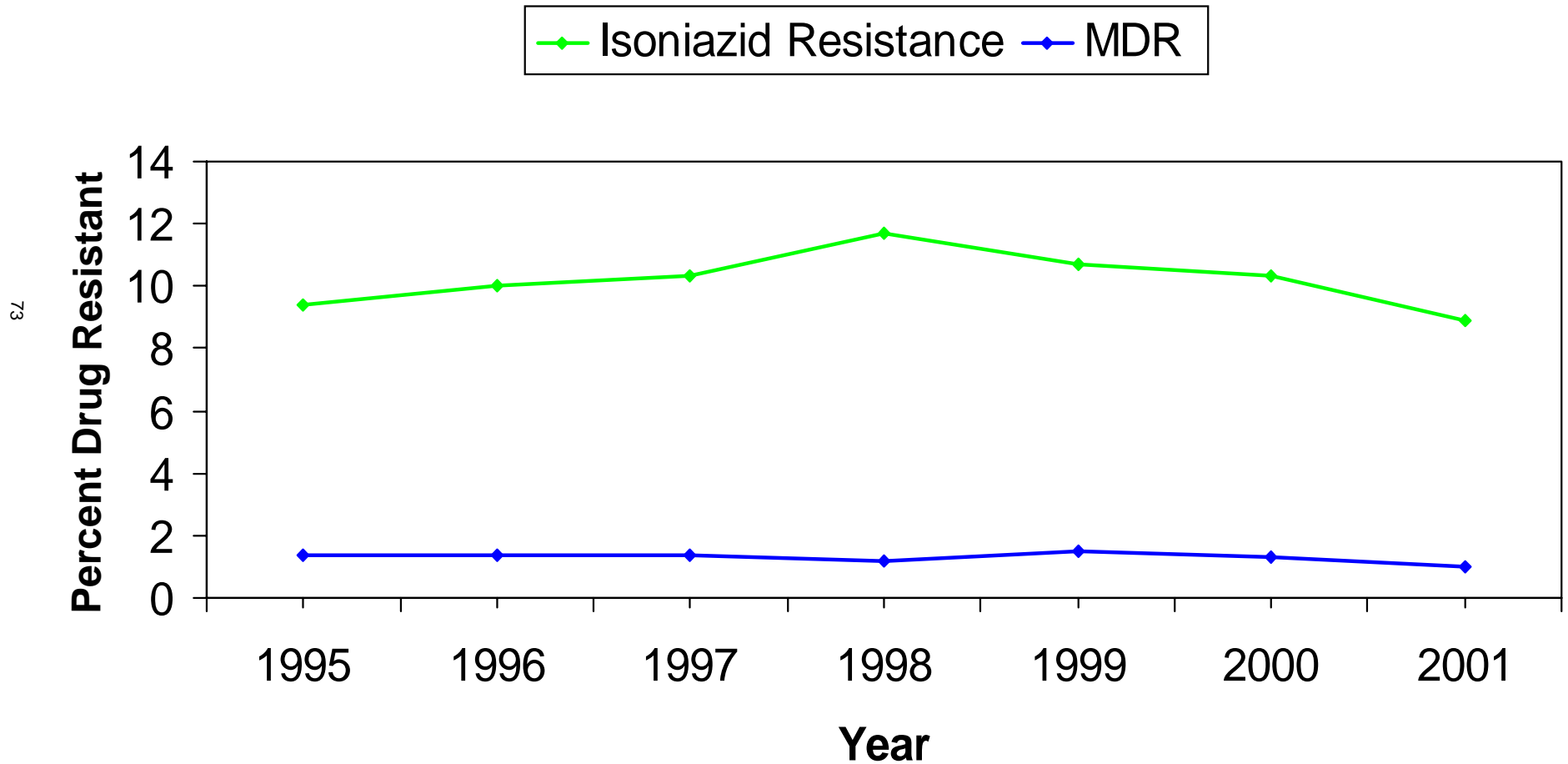
Figure 11. AIDS-Associated Tuberculosis* by Race/Ethnicity: California, 1995-2000



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

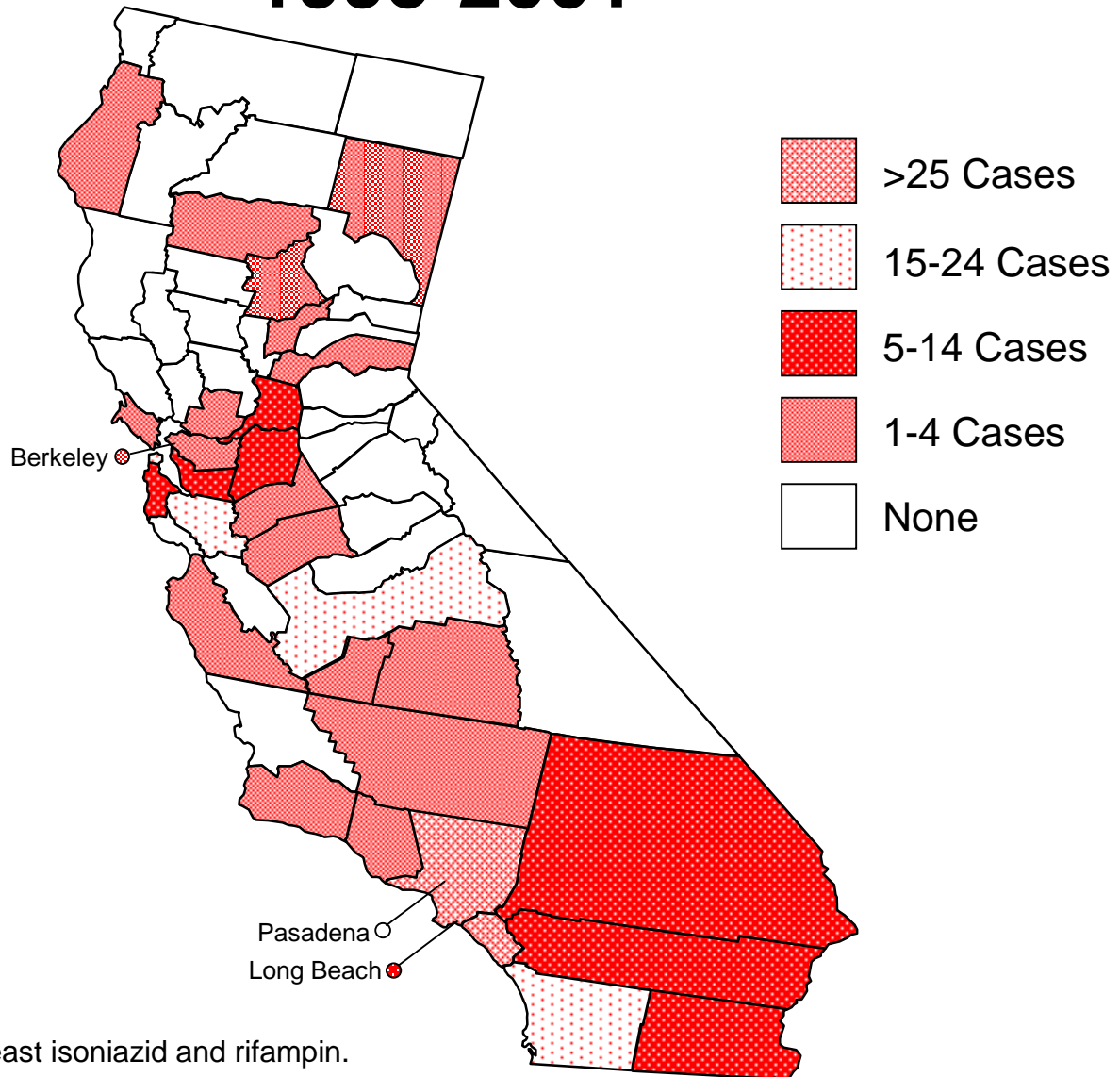
Tuberculosis Control Branch, California Department of Health Services

Figure 12. Tuberculosis Cases with MDR* and Resistance to Isoniazid: California, 1995-2001



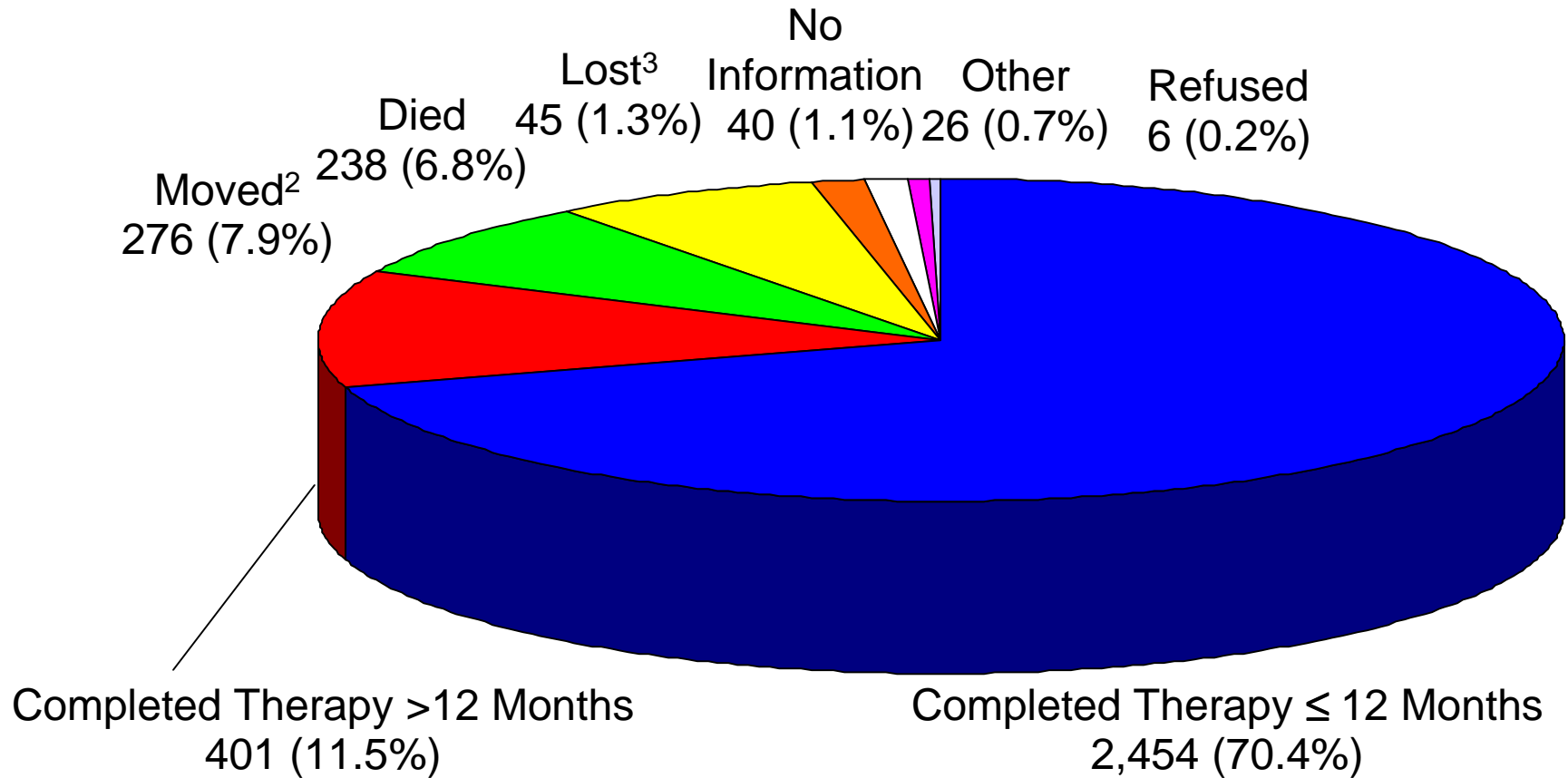
*Cases with resistance to at least isoniazid and rifampin.

Figure 13. Multi-drug Resistant (MDR)* Tuberculosis Cases by Jurisdiction: 1995-2001



*Cases with resistance to at least isoniazid and rifampin.

Figure 14. Tuberculosis Cases¹ by Reason Therapy Stopped: California, 1999



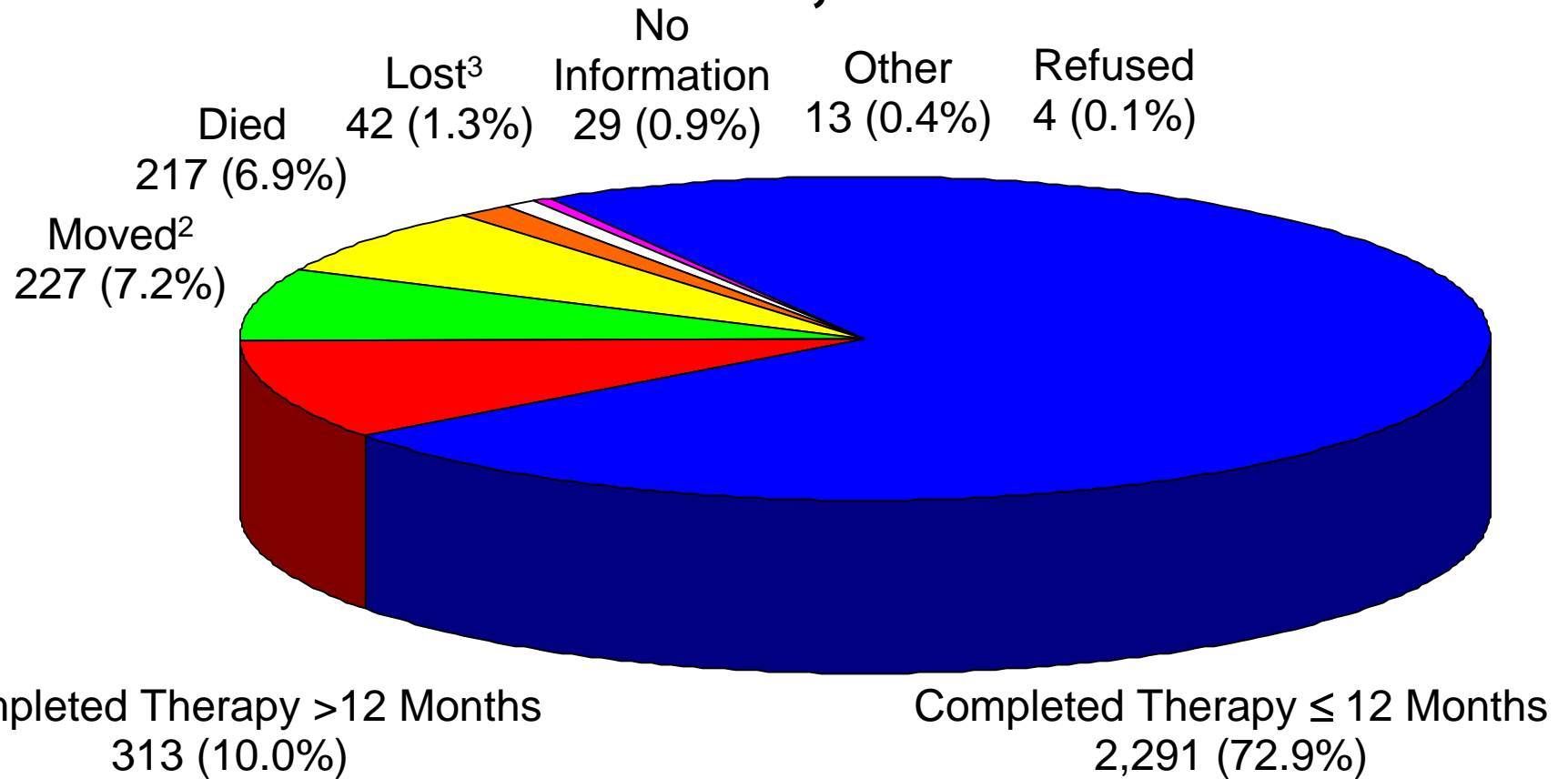
75

¹Patient alive at diagnosis and started on an initial drug regimen of 1 or more drugs.

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

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

Figure 15. Drug-Susceptible Tuberculosis Cases¹ by Reason Therapy Stopped: California, 1999



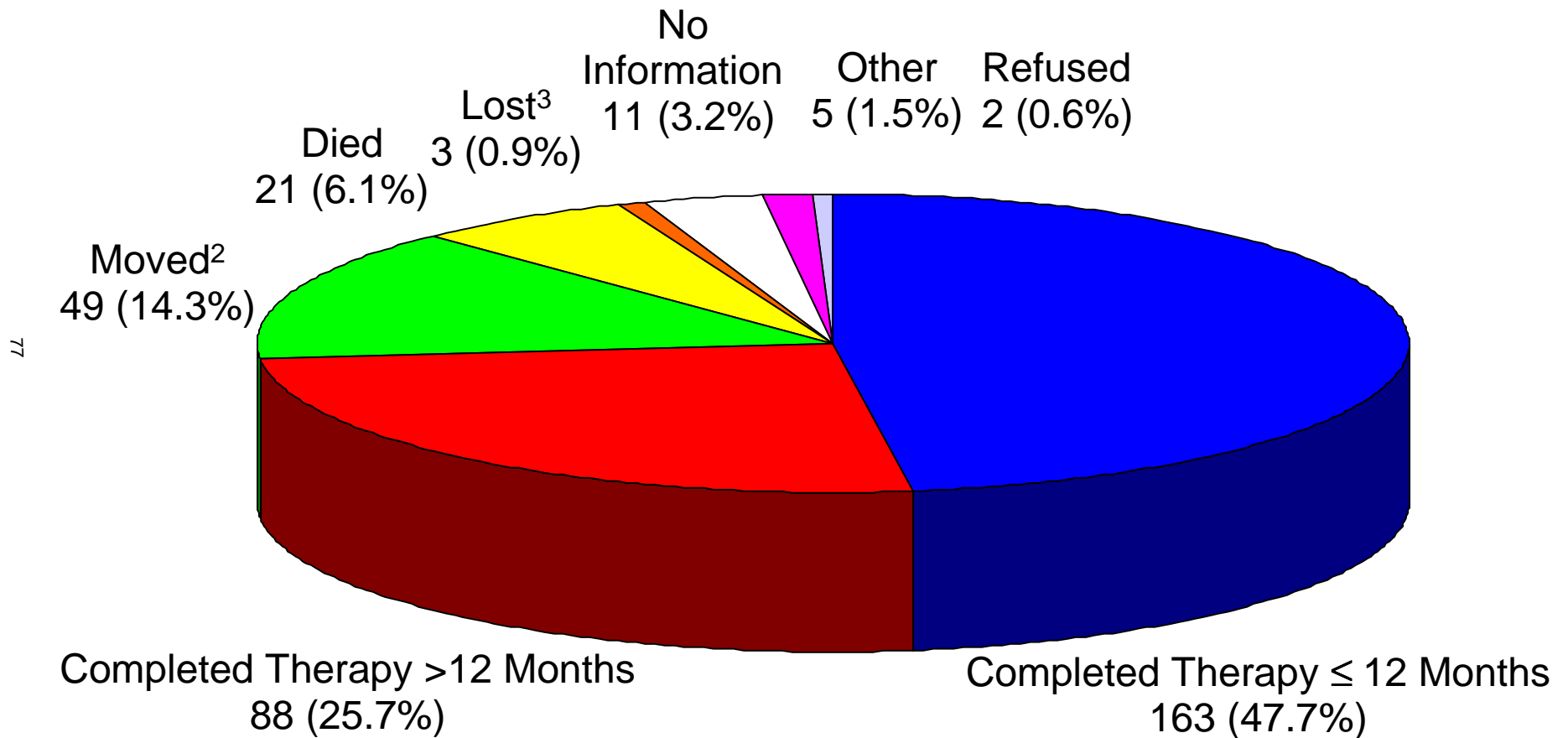
76

¹Patient alive at diagnosis and started on an initial drug regimen of 1 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.

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

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

Figure 16. Drug-Resistant Tuberculosis Cases¹ by Reason Therapy Stopped: California, 1999



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

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

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

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 TB Registry (TBCB) by January 15, 2002 were counted as cases in 2001. After reporting the case, a jurisdiction may subsequently decide that a reported case actually did not have TB, and this case will be deleted from the TIMS 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 1-7 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. This report has not been revised with data from the 2000 U.S. census. To provide comparable city population estimates, the percent increase in population reported in the E-1 report (State of California, Department of Finance, *E-1 City/County Population Estimates, with Annual Percent Change, January 1, 2000 and 2001*, Sacramento, California, May 2001) 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.

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 2001: Calaveras, Colusa, Lake, Mendocino, Napa, Nevada, Placer, Shasta, Tehama, Tuolumne and Yuba. The following 13 jurisdictions had no TB cases in 2001: Alpine, Amador, Del Norte, Glenn, Inyo, Lassen, Mariposa, Modoc, Mono, Plumas, Sierra, Siskiyou and Trinity.

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. If the “Hispanic” variable on the RVCT is classified as “Unknown”, then the case is reported as “Unknown” in this report even if the race variable on the RVCT has a known result.

AIDS-Associated Tuberculosis

Tuberculosis cases co-infected with the HIV virus are identified by matching TB Registry data (TBCB) with the case registry in the Office of AIDS, California Department of Health Services.

Ranking of Jurisdictions

For Table 12, jurisdictions are ranked in order of decreasing 2001 case rates with the highest rank first. Those jurisdictions with one to four cases are not given a rate and are given the same rank; they are listed according to decreasing number of cases. Jurisdictions with no cases of TB are given the same rank and they are listed in alphabetical order. Jurisdictions with the same rate are given both given the higher rank; the subsequent rank is skipped.

Case Completion Reports (Follow-up 2)

The source of data for tables on directly observed therapy (DOT), health care provider type, and treatment outcomes (Tables 27-28, 47-51) 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.

Drug Susceptibility Reports

This report presents drug susceptibility results for the most recent year (2001). 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 93% 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) 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.