

TUBERCULOSIS FACT SHEET 2013

Tuberculosis (TB) TB is an infectious disease caused by a bacterium named Mycobacterium Tuberculosis. TB usually involves the lungs (pulmonary TB) but can infect almost any organ in the body.

Spread TB spreads through the air, for example, when someone who has pulmonary TB, coughs. TB bacteria from that person's lungs are then expelled into the air, and may be inhaled into the lungs of another person. The risk of exposure and subsequent infection is linked with the intimacy and duration of contact, the ventilation in the shared environment and the degree of infectiousness of the person with TB.

Symptoms TB usually comes on gradually over a period of weeks. The most common symptoms are: cough (usually for more than three weeks), coughing up blood or sputum (phlegm from deep inside the lungs), pain in the chest, fatigue, weight loss, fever and night sweats.

Test The TB skin test is performed by injecting a small amount of testing liquid into the skin of the forearm. The test needs to be read 48 to 72 hours later by someone trained in reading skin tests. If it's positive, then a chest x-ray is done to rule out active disease. If the chest x-ray is normal, then the person is likely to have TB infection. Once a skin test is positive, it will most likely stay positive and should not be repeated. Unless a person develops symptoms, one chest x-ray is all that is needed.

Treatment To treat TB several antibiotics need to be taken together over a period of usually six months to a year. For this treatment to be effective it is vital that these medicines be taken regularly and that the treatment be completed. Lengthy treatment is necessary because it is difficult to eradicate TB bacteria from the body.

Data Source: CDPH, Tuberculosis Control Branch

TB Cases by U.S Born and Foreign-Born 2013

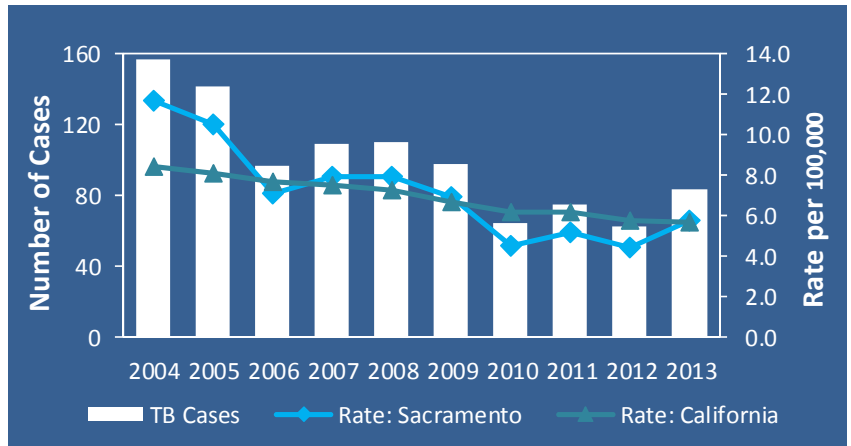
County/State	Foreign-Born	US - Born	Unknown
Sacramento	78.1	21.6	0.2
California	76.2	23.8	0.0

TB In Sacramento County

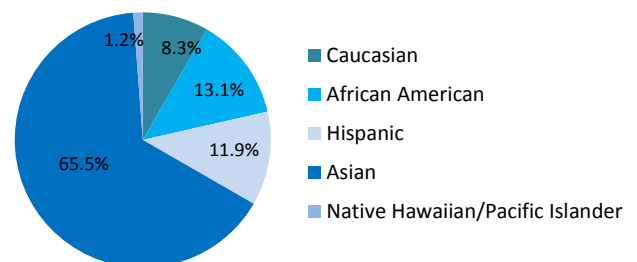
Number of Tuberculosis (TB) Cases and Rates* Sacramento County, 2004-2013

Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Rate: Sacramento	11.7	10.5	7.1	7.9	7.9	6.9	4.5	5.2	4.4	5.8
Rate: California	8.4	8.1	7.7	7.5	7.3	6.7	6.2	6.2	5.8	5.7
TB Cases	157	142	97	109	110	98	64	75	63	84

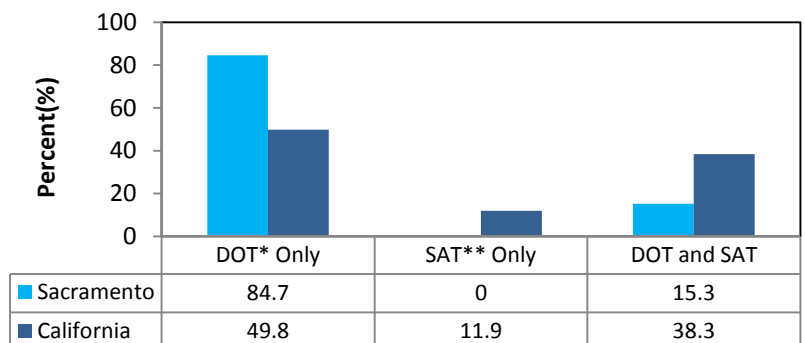
Rates*: per 100,000 Population



TB Cases by Race/Ethnicity, Sacramento County, 2013



TB Cases by Type of Therapy Administration Sacramento County and California, 2011



DOT* - Direct Observed Therapy, SAT** - Self Administered Therapy