

TUBERCULOSIS FACT SHEET 2014

Tuberculosis (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 include 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 latent TB infection. Once a skin test is positive, it will most likely stay positive and should not be repeated. One chest x-ray is all that is needed unless a person develops symptoms.

Treatment Several antibiotics need to be taken together usually over a period of six months to a year to treat TB. It is vital that these medicines be taken regularly and that the treatment be completed for this treatment to be effective. 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 2014

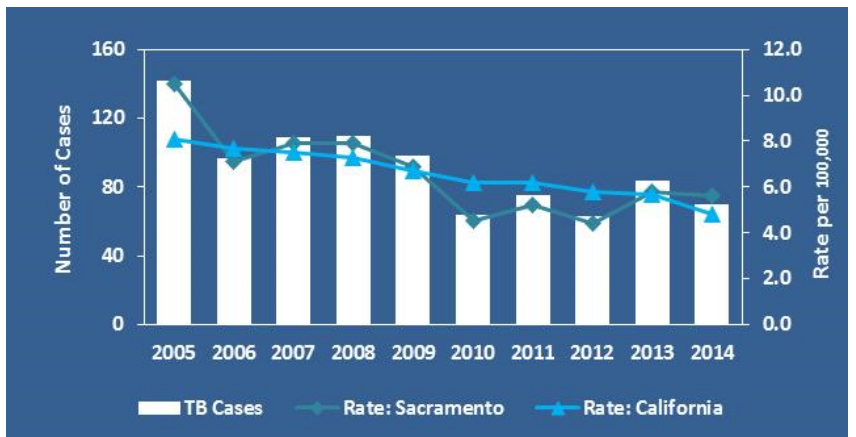
County/State	Foreign-Born	US - Born	Unknown
Sacramento	72.9	27.1	0.0
California	77.7	21.4	0.9

TB In Sacramento County

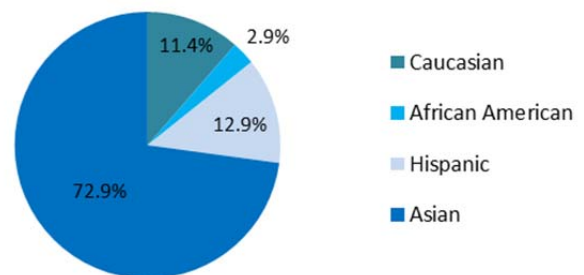
Number of Tuberculosis (TB) Cases and Rate* Sacramento County, 2005-2014

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Rate: Sacramento	10.5	7.1	7.9	7.9	6.9	4.5	5.2	4.4	5.8	5.6
Rate: California	8.1	7.7	7.5	7.3	6.7	6.2	6.2	5.8	5.7	4.8
TB Cases	142	97	109	110	98	65	75	63	84	70

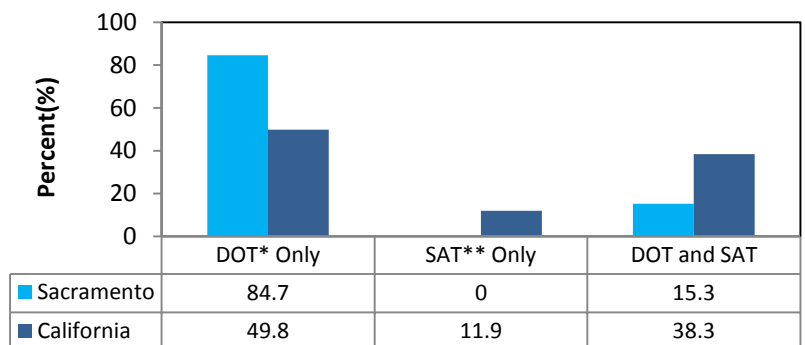
Rates*: per 100,000 Population



TB Cases by Race/Ethnicity, Sacramento County, 2014



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



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