

TUBERCULOSIS in Contra Costa County 2015

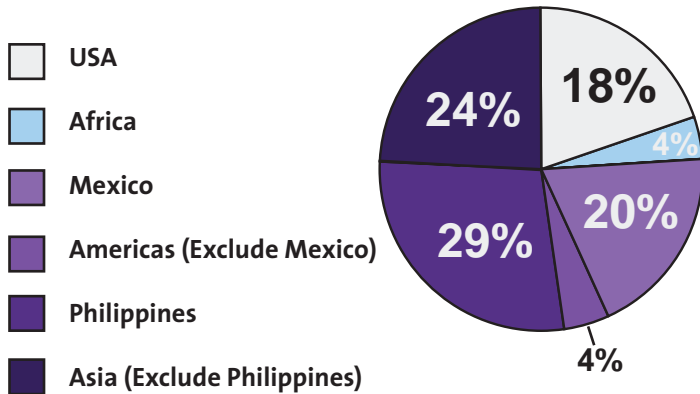
45 Number of People Diagnosed with TB Disease in 2015

4.0 TB Disease Rate per 100,000 People in Contra Costa

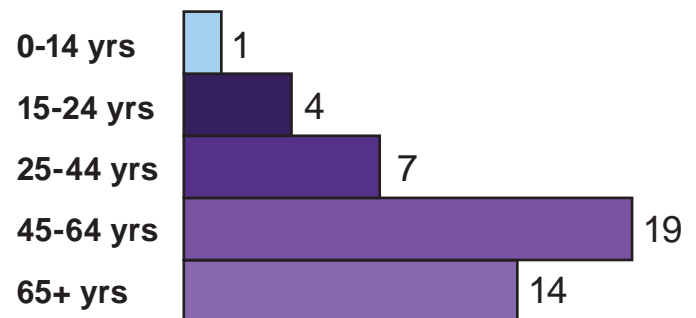
5.5 TB Disease Rate per 100,000 People in California

Tuberculosis (TB) is a disease caused by bacteria that is passed from person to person through the air. Not everyone who becomes infected with TB will become sick: most people will get what is called latent TB. This means they have the TB bacteria in their body but their immune system is keeping the bacteria under control. People with latent TB do not have any TB symptoms and cannot pass on the disease, but they are at risk of getting sick with TB disease in the future if their immune system can no longer keep the TB bacteria under control. Both TB disease and latent TB are treatable and curable!

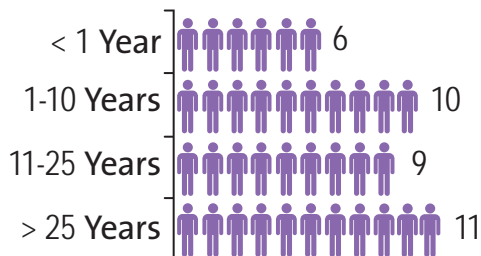
Origin of People with TB Disease, 2015



Age Distribution of People with TB Disease, 2015



Length of Time in US for Foreign-Born People with TB Disease, 2015



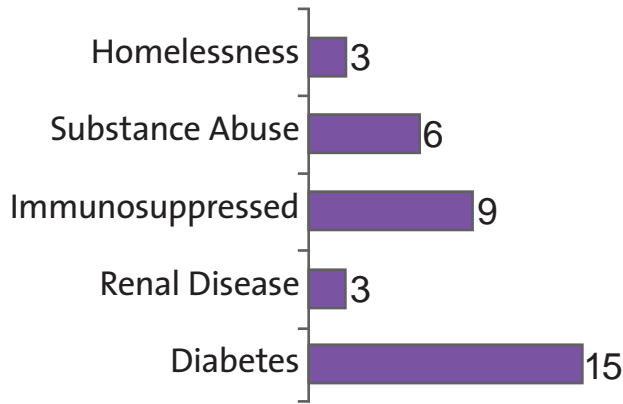
Older people are more likely to get sick with TB disease. They can have latent TB for many years and then get sick as their immune system weakens.

If a person comes from a country with a high rate of TB, that person is more likely than other Contra Costa residents to have latent TB infection. Five to 10 percent of people with latent TB will go on to get sick with TB disease – sometimes many years later.

For more information, call the Contra Costa Public Health Tuberculosis Program at 925-313-6740 or visit cchealth.org

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Risk Factors for People with TB Disease, 2015



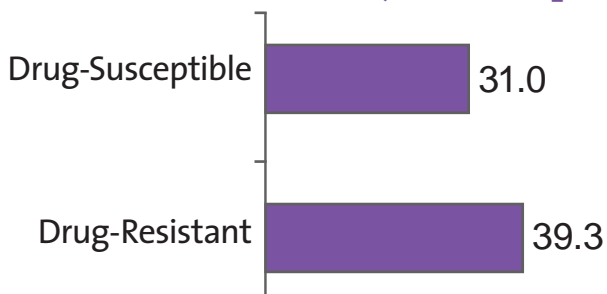
Almost half of people with TB disease in 2015 had a risk factor that made them more vulnerable to TB disease. These risk factors can also complicate TB treatment.

Drug Resistance

 9%

Percent of people with TB disease with demonstrated resistance to one or more first-line TB medications. (2010-2014)

Median Treatment Length in Weeks for Those who Completed Treatment in Contra Costa, 2010-2014



Treatment of drug-resistant TB takes longer and requires using medications that can have more harmful side effects. Treatment of patients with multi-drug resistant TB (resistance to the two most effective, first-line medications) can take more than twice as long as standard TB treatment.

Revised 06/08/2016

The number of patients with confirmed active TB represents only a fraction of the patients that we follow in the TB Program.

 7.4

Average number of contacts exposed by a person with contagious TB in 2015

 340

Total number of contacts identified for screening by Contra Costa Public Health in 2015

When a person is diagnosed with TB disease, Public Health staff makes sure the people who have spent a lot of time with that person get tested for TB. These people are called “contacts.” Testing and treating contacts prevents the spread of TB to more people.

Total Directly Observed Therapy (DOT) Visits, 2015

 3735

Public Health staff also provide Directly Observed Therapy (DOT) to people with TB. DOT is a service where a Public Health staff member goes to a person’s house every day to make sure they take their medications correctly. TB treatment takes a long time and if the medications are not taken correctly, the person may not be cured. DOT ensures people get cured.

Prepared by Contra Costa Health Services, Public Health Communicable Disease Programs. Data obtained from the Contra Costa Public Health Tuberculosis Program and the California Department of Public Health Tuberculosis Control Branch.