

# TUBERCULOSIS in Contra Costa County 2014

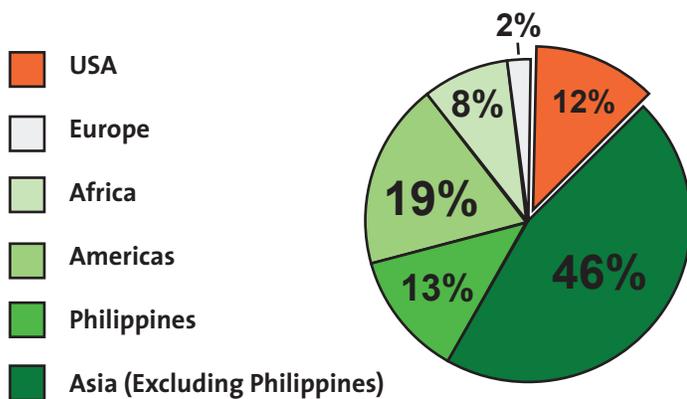
**48** Number of People Diagnosed with TB Disease in 2014

**4.4** TB Disease Rate per 100,000 People in Contra Costa

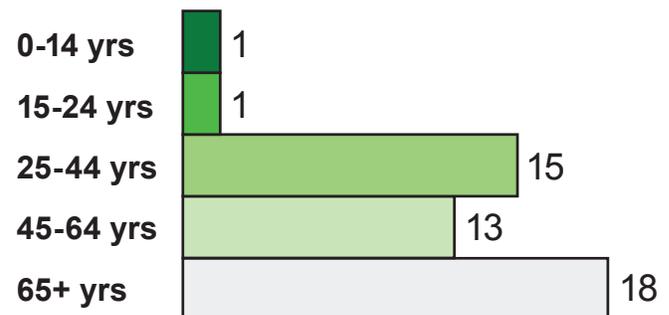
**5.6** TB Disease Rate per 100,000 People in California

Tuberculosis (TB) is a disease caused by a 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!

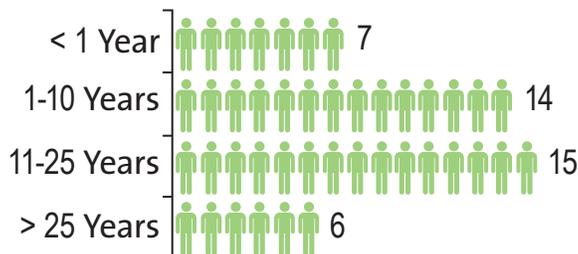
## Origin of People with TB Disease, 2014



## Age Distribution of People with TB Disease, 2014



## Length of Time in US for Foreign-Born People with TB Disease, 2014



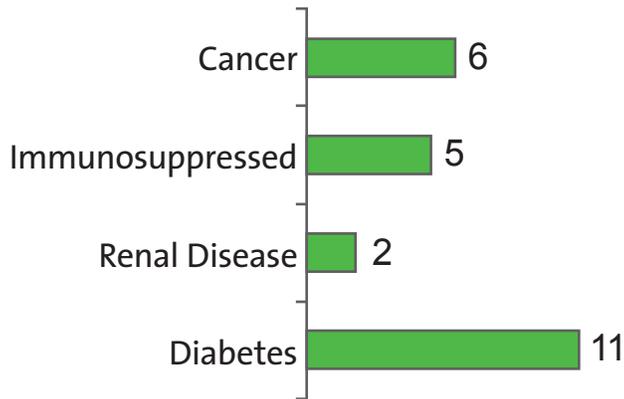
If a person comes from a country with a high rate of TB, that person is more likely than other Contra Costa residents to have latent TB infection. Five to ten percent of people with latent TB will go on to get sick with TB disease – sometimes many years later.

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

For more information, call the Contra Costa Public Health Tuberculosis Program at 925-313-6740 or visit [cchealth.org](http://cchealth.org)

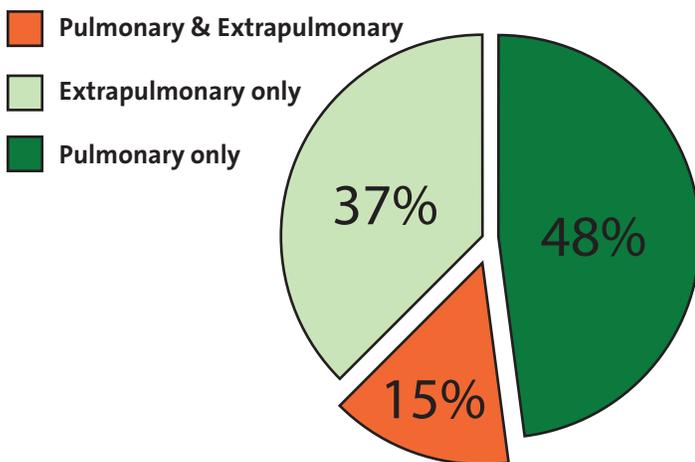
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## Number of People with TB Disease and Medical Comorbidities, 2014



Almost half of people with TB disease in 2014 had a medical comorbidity, a serious medical condition in addition to TB disease. Medical comorbidities can make people more vulnerable to TB disease.

## Form of TB Disease, 2014



TB disease can occur in the lungs (pulmonary) or in other parts of the body (extrapulmonary). More than **half** of people with TB disease in 2014 had disease in **extrapulmonary** tissue such as lymph nodes, bone or muscle.

We would like to acknowledge the hard work of the Contra Costa Public Health staff in controlling tuberculosis, and in caring for people with TB and their families.

 **11**

Average number of contacts exposed by a person with contagious TB in 2014

 **366**

Total number of contacts tested for TB by Contra Costa Public Health in 2014

When a person is diagnosed with TB disease, Public Health staff make 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.

 **7 Months**

Average length of treatment for TB disease in 2014

The best treatment for TB disease uses four antibiotics: isoniazid (INH), rifampin, ethambutol and pyrazinamide. In patients with drug-resistant TB disease, alternate medicines are necessary but TB disease can still be cured.

 **5**

People had TB disease that was resistant to INH

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.