



Public Health
Communicable Disease Section

Tuberculosis Update

San Bernardino County Department of Public Health
Communicable Disease Section
April 13 & 14, 2016

TB Infection

- The TB bacteria is present in their body.
- The person is not sick.
- They cannot spread the bacteria to others.
- They are usually prescribed prophylaxis.

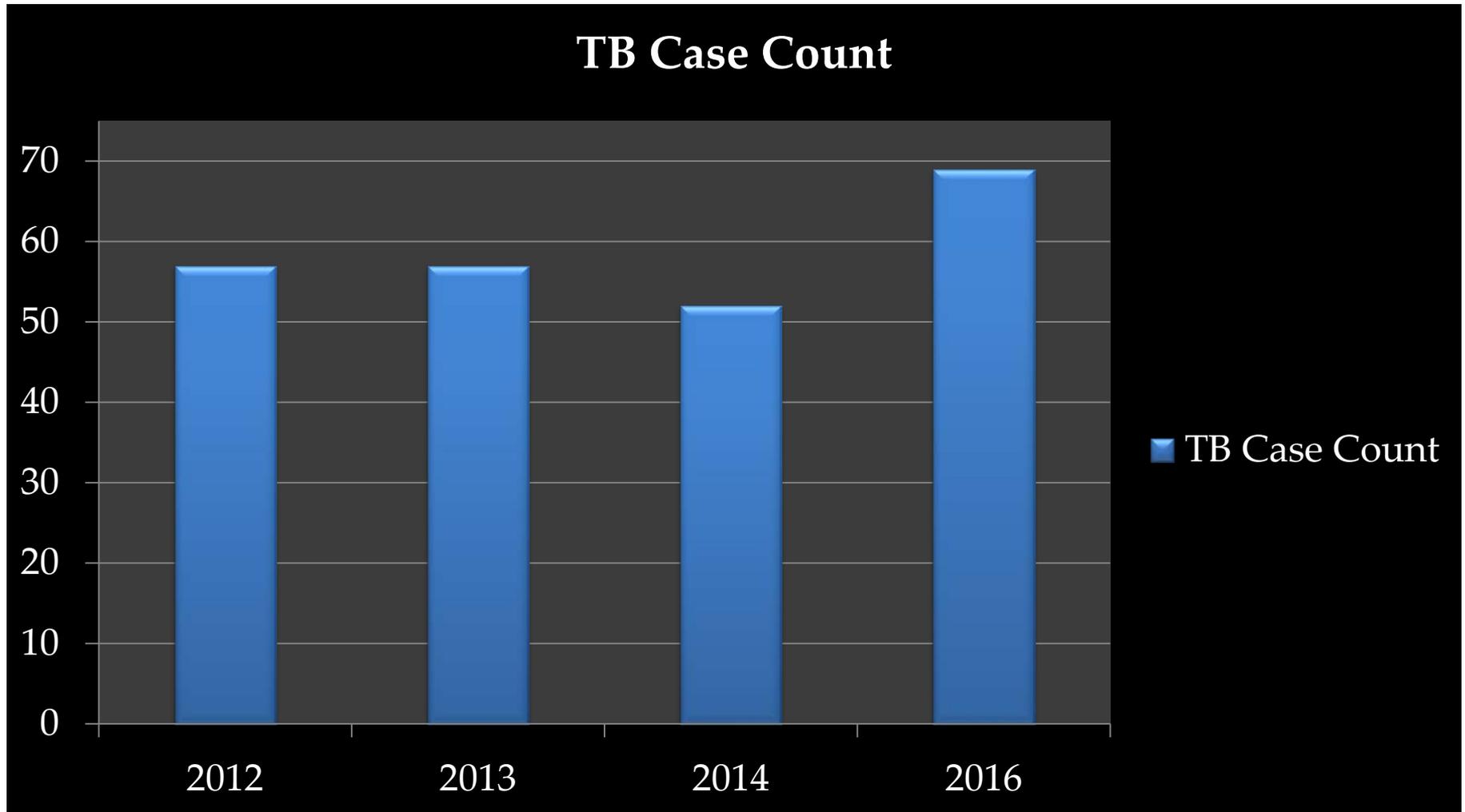


TB Disease

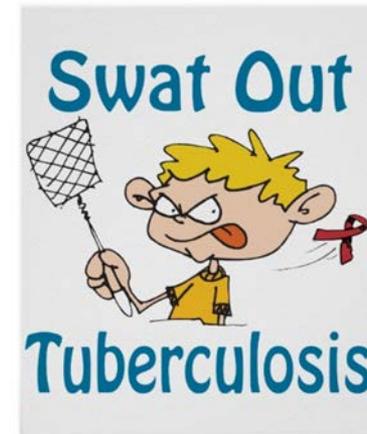
- These people are sick.
- They usually have one or more of the classic TB symptoms.
- They can spread the infection to others.
- They are usually prescribed medication to cure the disease.



Tuberculosis Cases San Bernardino County 2012-2015



- According to the Tuberculosis Control Branch, there is an estimated 2.4 million people infected with tuberculosis in California¹.



12-Dose Regimen Latent Tuberculosis Infection

- Taken once a week, for 12 weeks
- Rifapentine
- Isoniazid
- Each dose should be directly observed.

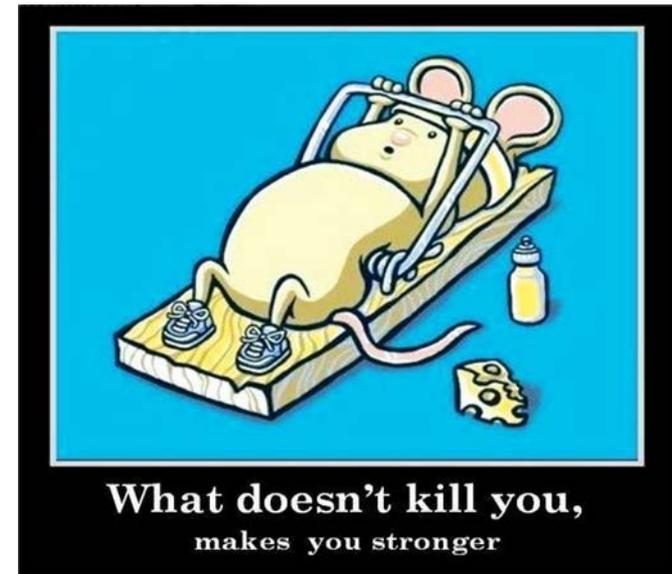


Who is a candidate for treatment with the 12-dose regimen °?

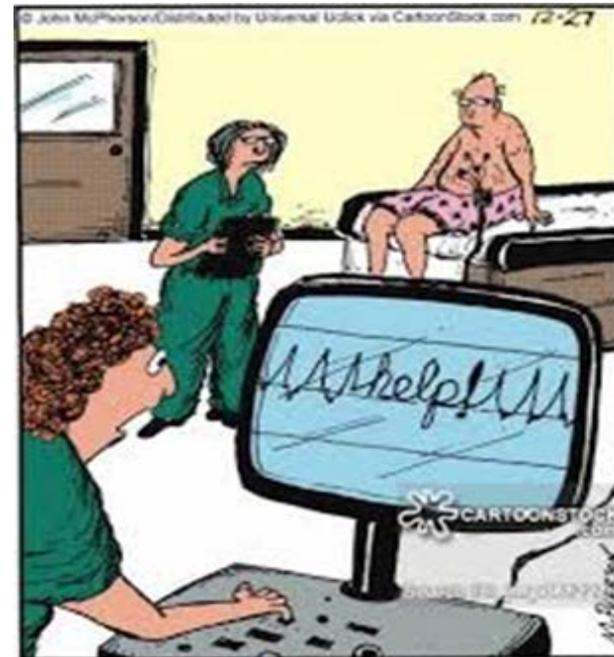
- Healthy persons 12 years of age or older
- Recently exposed contacts to infectious TB and newly TB test/interferon-gamma release assay positive
- Persons with radiographically healed pulmonary TB
- HIV-infected persons not taking antiretroviral medications.



- Children under 2 years of age
- HIV persons on antiretroviral treatment
- Persons presumed to be infected by a person with a strain of *M. tuberculosis* that is resistant to INH or rifampin.
- Persons with a history of adverse events or allergies to INH or rifampin.



- Monthly medical appointments for the identification of adverse events
- Baseline hepatic chemistry panel for those with a medical history of :
 - HIV infection.
 - Liver disorder.
 - Immediate post partum period.
 - Regular ETOH use.
 - Older patients.
 - Those taking medications for chronic conditions.



"Hey, Lori! Take a look at Mr. Geckler's EKG!"

