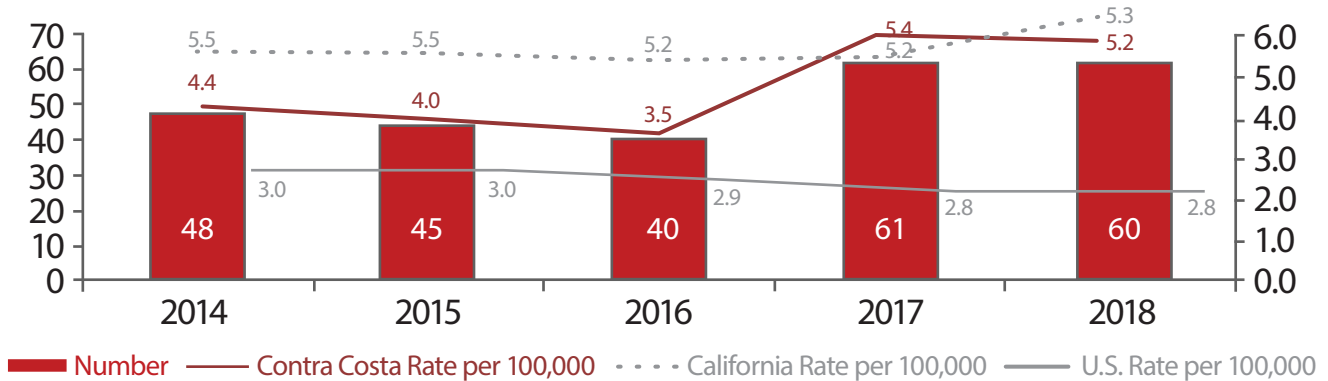
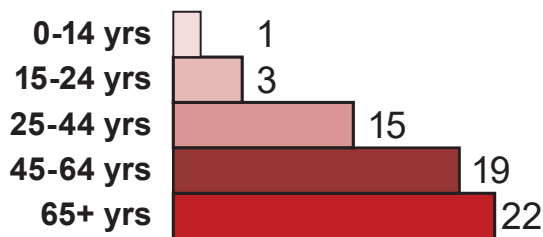


TUBERCULOSIS *in* Contra Costa County 2018

Contra Costa County Tuberculosis Cases & Case Rates Over 5 Years, 2014-2018

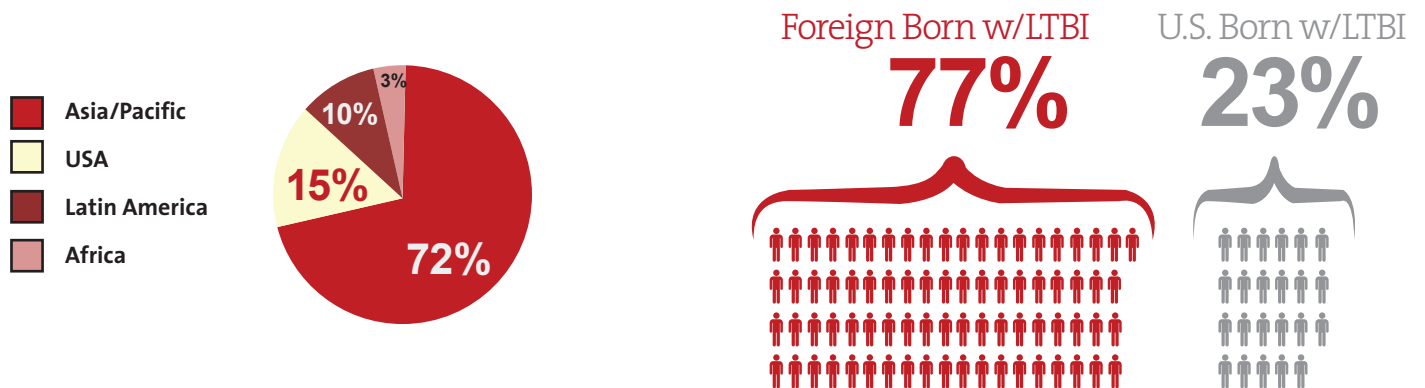


The elderly in Contra Costa County are at higher risk for TB



Remember to test and treat older adults for Latent TB Infection (LTBI). It's easier to treat for LTBI now before they get sick with active disease.

Most people diagnosed with TB in Contra Costa County are born outside the U.S.



It is important to screen for TB infection in foreign-born patients as a routine part of health screening and care. Test patients who are foreign-born or who have spent extended time in TB endemic regions (includes any country other than the United States, Canada, Australia, New Zealand, or a country in western or northern Europe). Treat patients with LTBI to prevent progression to active disease.

FACT: TUBERCULOSIS IS THE WORLD'S LEADING INFECTIOUS DISEASE KILLER.



#itsTimeToEndTB
#TBfreeCA #WTBDBay2019

Patients are most likely to complete short-course treatment for LTBI: 3HP and 4R are the preferred regimens

INH+rifapentine (3HP)

- Once-weekly isoniazid (INH) and rifapentine for 12 weeks
- Recommended for all patients ≥ 2 years old except:
 - People taking medications with significant drug-drug interactions with rifapentine (e.g. some antiretrovirals, diabetes, cardiac and seizure medications)
 - Contacts to persons with INH or rifampin resistant TB
 - Pregnant women or women planning to become pregnant during treatment
 - Persons who have had prior adverse events or hypersensitivity to INH or rifampin

Possible Side Effects

- Hypersensitivity reaction
- Rash
- Hepatotoxicity (rare)
- Thrombocytopenia (rare)

Dosing of INH/rifapentine:

Drug	Dosage	Maximum dose
INH	15 mg/kg in patients ≥ 12 years	900 mg
	25 mg/kg in patients 2-11 years	
Rifapentine	10.0 – 14.0 kg = 300 mg	900 mg
	14.1 – 25.0 kg = 450 mg	
	25.1 – 32.0 kg = 600 mg	
	32.1 – 49.9 kg = 750 mg	

Rifapentine and INH tablets can be crushed and administered with semi-solid food for patients unable to swallow pills

Rifampin (4R)

- Rifampin daily for 4 months
- Recommended for persons of any age except:
 - People taking medications with significant drug-drug interactions with rifampin (e.g. some antiretrovirals, and some diabetes, cardiac and seizure medications)
 - People presumed infected with rifampin resistant TB
 - People who have had prior adverse events or hypersensitivity to rifamycins

Possible Side Effects

- Orange staining of body fluids
- Rash and pruritis
- GI upset
- Rarely:
 - Hepatotoxicity
 - Hematologic abnormalities, thrombocytopenia

Dosing of Rifampin

Drug	Dosage
Rifampin	Adults 10mg/kg up to 600mg
	Children 10-15mg/kg up to 600mg

Rifampin capsules can be opened and the contents mixed with semi-solid food for patients who are unable to swallow pills

For More Information:

Contra Costa Health Services
Tuberculosis Control Program
<http://cchealth.org/tb/>
925-313-6740

Centers for Disease Control and Prevention
Division of Tuberculosis Elimination
<http://www.cdc.gov/tb/>

California Department of Public Health
Tuberculosis Control Branch (TBCB)

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/TBCB.aspx>