Tuberculosis in California 2018

Tuberculosis (TB) is an illness that usually affects the lungs and spreads through the air when a person sick with TB coughs.

- **2,092** New Active TB Cases
  - **5.3** cases per 100,000 persons

- **625** Deaths with TB 2014-2016
  - **1 in 10** TB cases die

- **$200M** Medical and societal costs
  - $34K Direct medical costs per case
  - $130K Medical and societal costs
  - $500K Medical and societal costs

Cases and Rates 1985-2018

- **61% DECREASE** in the number of cases from 1992 to 2018
- **1.8% DECREASE** in the number of cases from 2014 to 2018

Fewer and fewer cases...

...but not in the last 5 years

Who is getting TB?

- **34%** TB cases 65 years of age and older
- **28** TB cases in children less than 5 years of age
- **27%** of adult TB cases have Diabetes
- **59** HIV coinfection cases

Active Cases

- **5** Active TB outbreaks in 2018
- **12% Recent Transmission**
- **82% Progression from LTBI**
- **6% Recent Arrivers**

Drug-Resistant TB

- **MDR** - Multidrug Resistant
- **XDR** - Extensively Drug Resistant

- **In 2018**
  - **19** MDR Persons with
  - **24** XDR Persons with

Disparities

- **83%** non-U.S.-born
- **17%** U.S.-born

- **14x** Higher rate of TB among persons born outside the U.S. than born in the U.S.

Compared to U.S.-born whites, rates of TB among racial/ethnic groups born outside the U.S. were higher by:

- **58x** in Asians
- **39x** in Blacks
- **21x** in Hispanics
- **14x** in U.S.-born Whites

Latent Tuberculosis Infection (LTBI)

LTBI is an inactive form of tuberculosis. People with LTBI are not sick, but can become sick in the future if not treated.

- **At least 2 Million** Californians infected by TB
- **1 in 6** non-U.S.-born persons have LTBI
- **87%** have not been treated