



# TUBERCULOSIS PROGRAM UPDATE

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Director, TB Prevention & Control



**POPULATION HEALTH DIVISION**  
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH



# Agenda

- Tuberculosis (TB) Branch:  
Structure, Function, and Mission
- Epidemiologic Trends in TB in San Francisco
- Collaborations for TB Prevention & Care



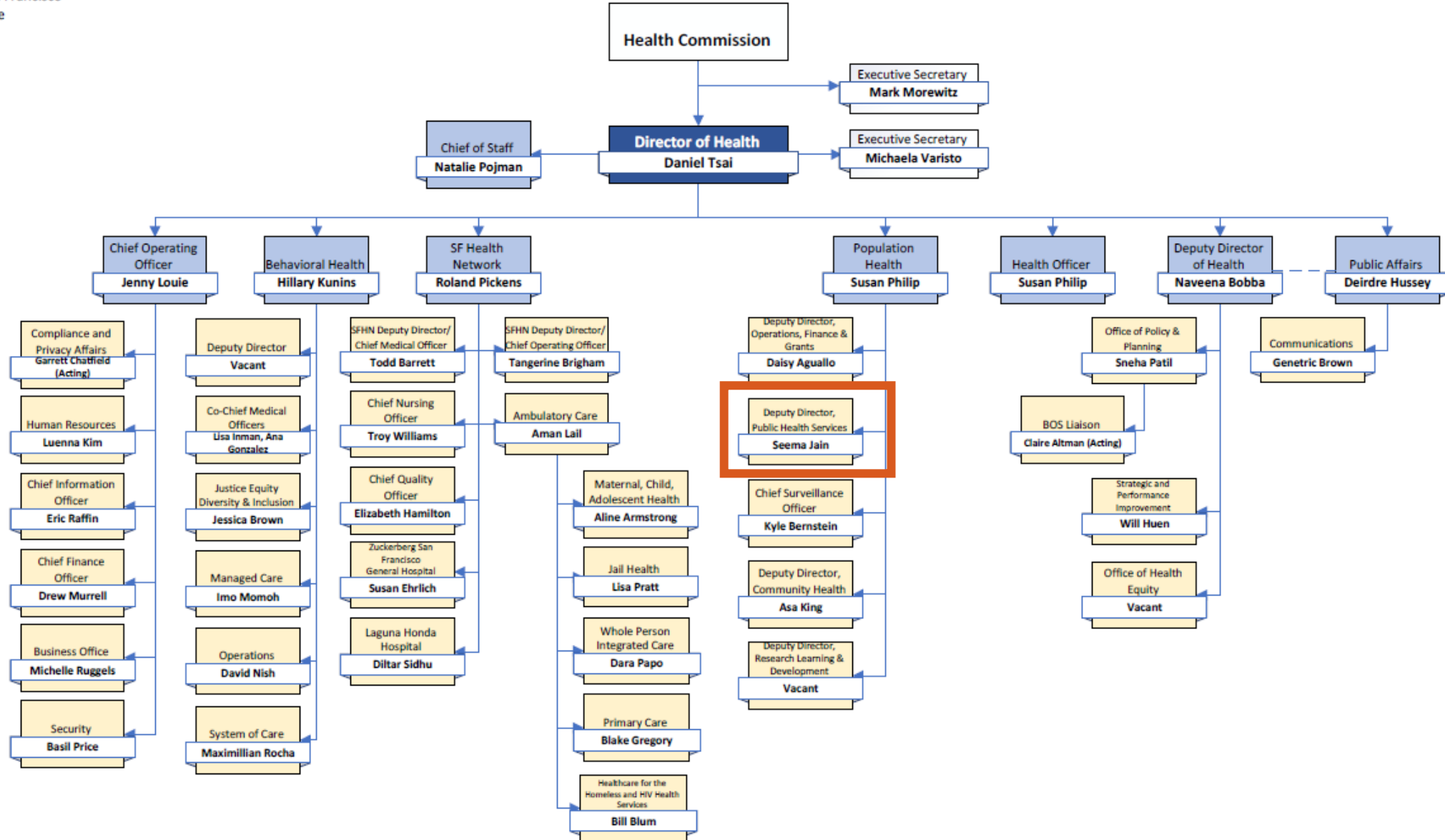
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City and County of San Francisco  
Daniel L. Lurie  
Mayor

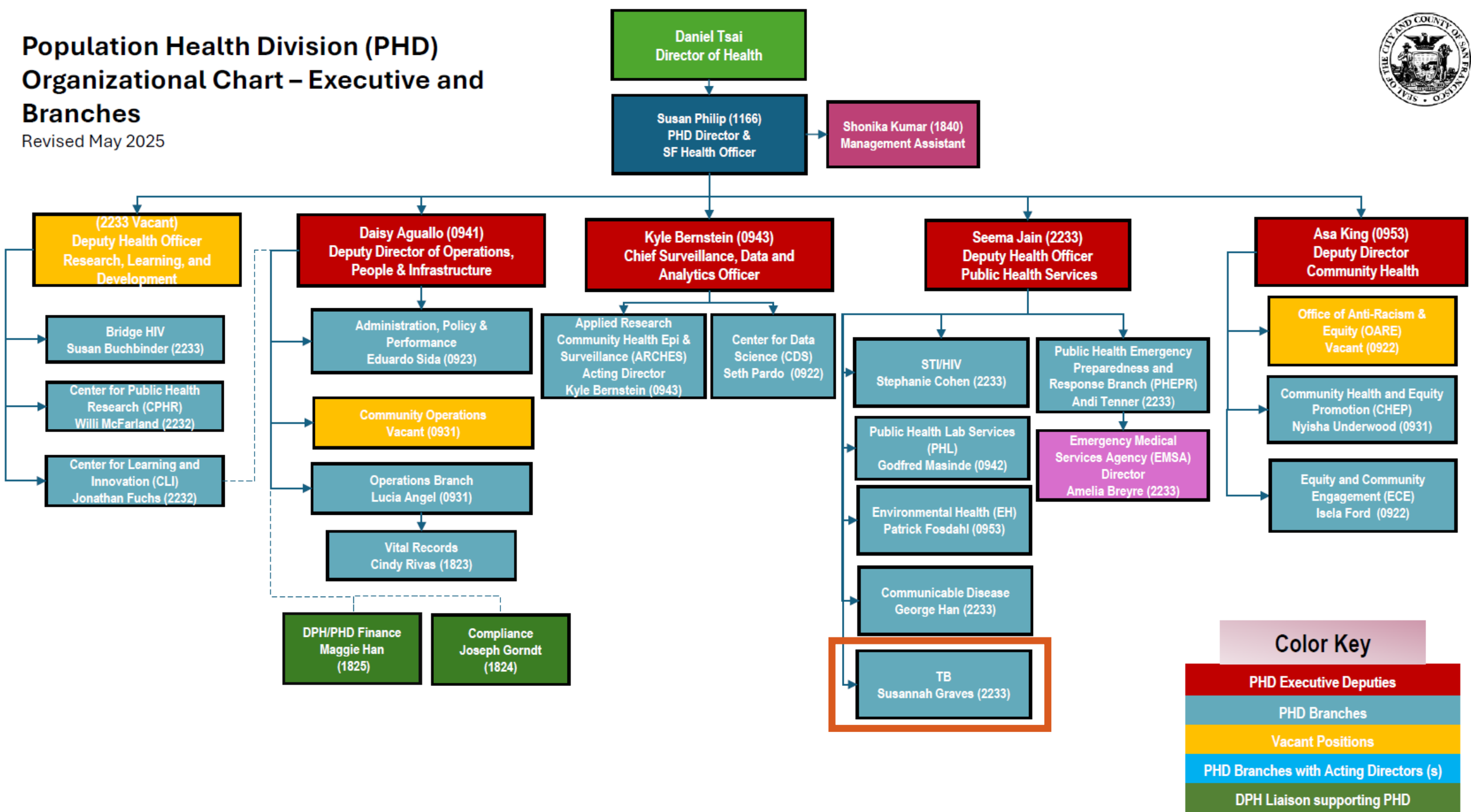
San Francisco Department of Public Health  
Daniel Tsai  
Director of Health





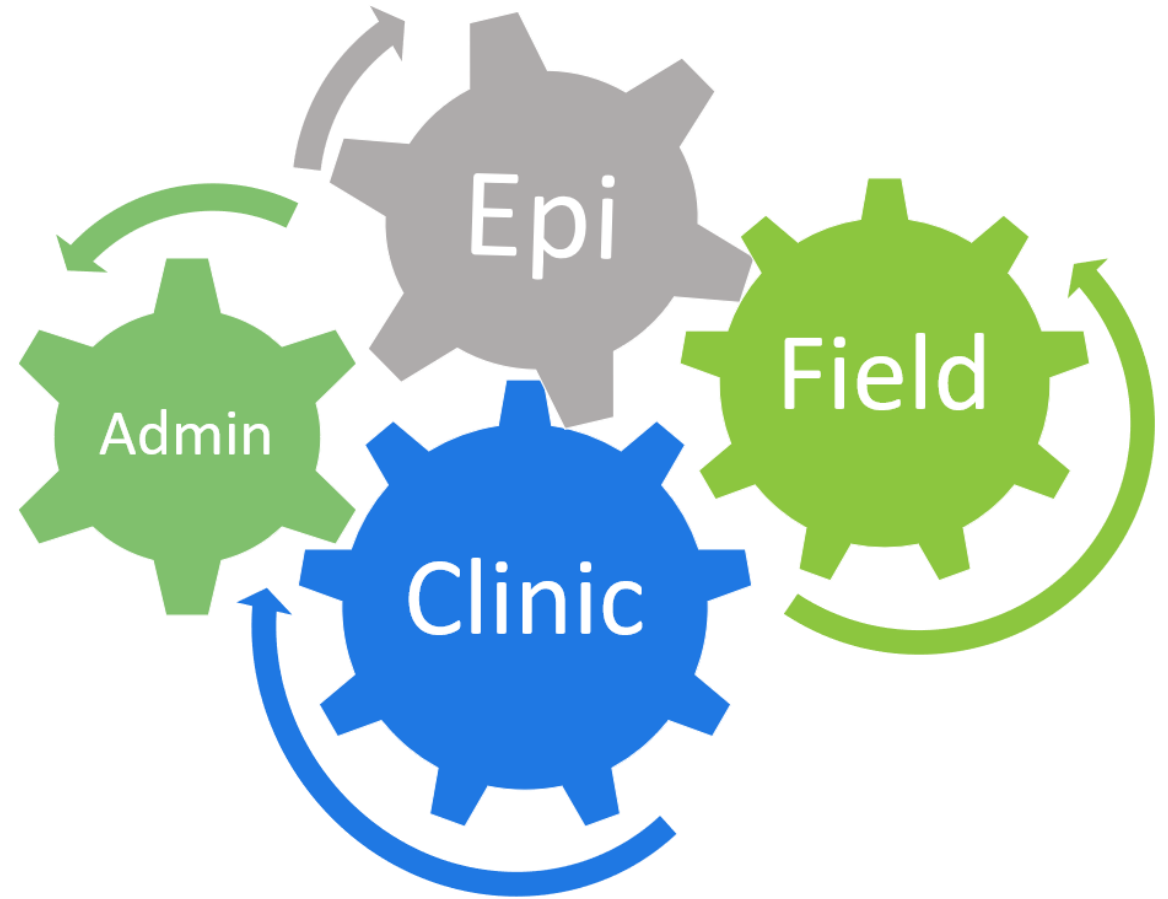
# Population Health Division (PHD) Organizational Chart – Executive and Branches

Revised May 2025



# San Francisco TB Prevention and Control Mission & Function

*The mission of San Francisco Tuberculosis Prevention and Control Program is to control, prevent, and finally eliminate tuberculosis in San Francisco by providing compassionate, equitable, and supportive care of the highest quality to all persons affected by this disease.*



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# What is TB?

- Caused by *Mycobacterium tuberculosis*
- **Active TB disease** usually affects the lungs, can affect any organ
- Transmitted from person-to-person via aerosols in shared indoor air
- Top infectious disease killer globally with over 10% case mortality in SF

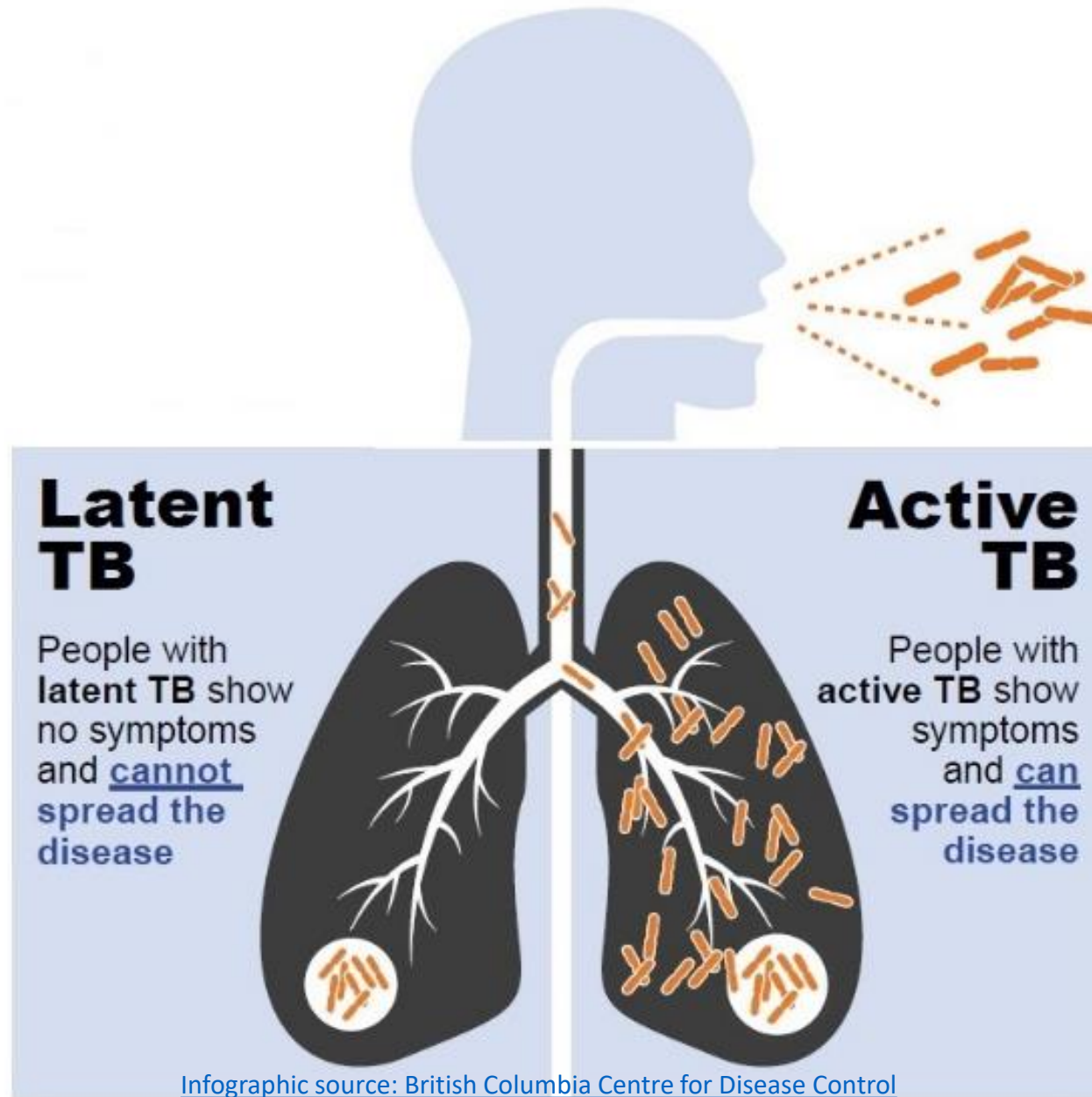


- You can harbor **latent TB infection (LTBI)** for months or years without symptoms
- TB disease is **preventable** at this stage!



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# Latent TB Infection (LTBI) vs Active TB disease



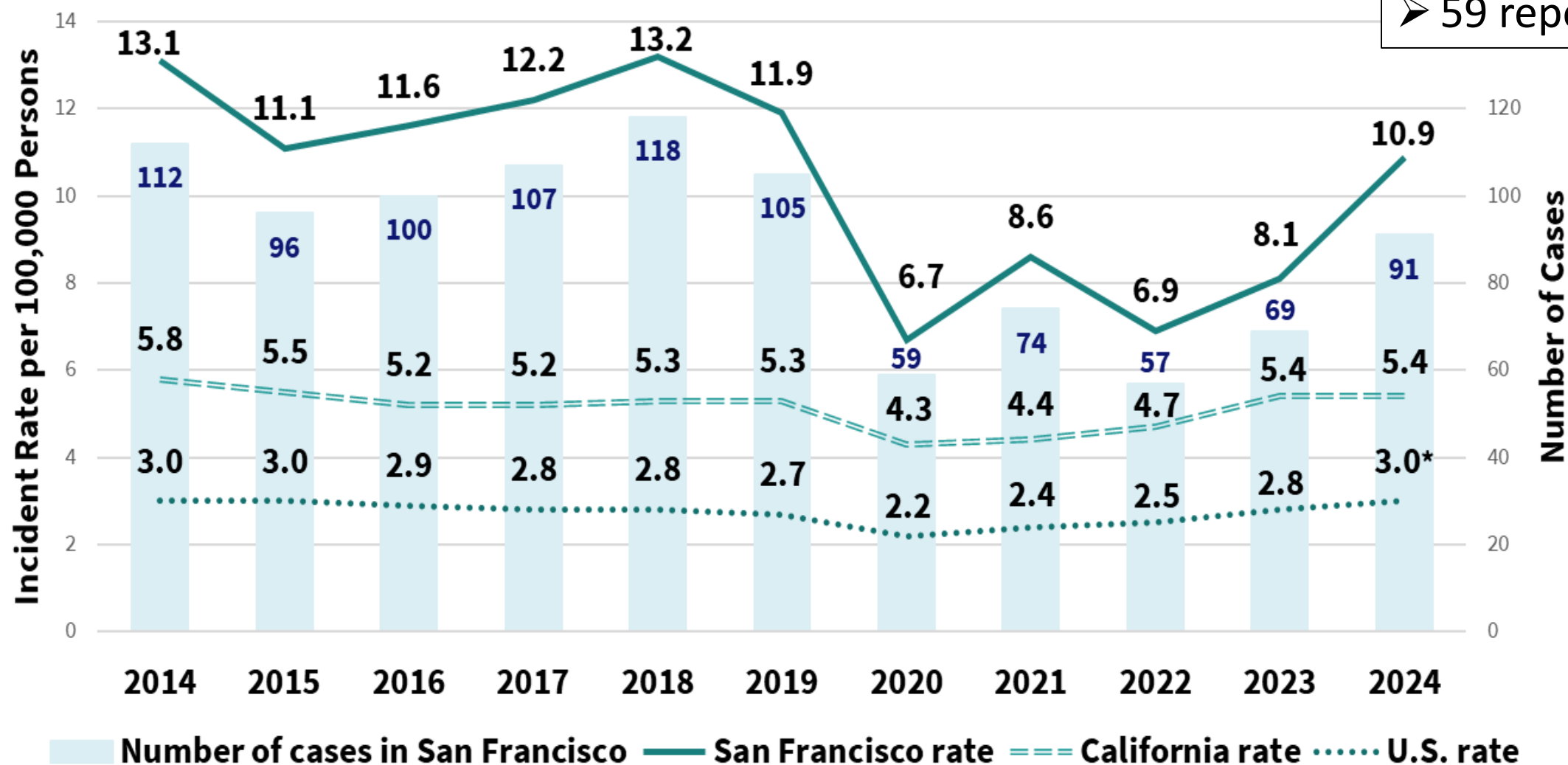
[Infographic source: British Columbia Centre for Disease Control](#)

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# Active TB cases and rates have increased since 2020

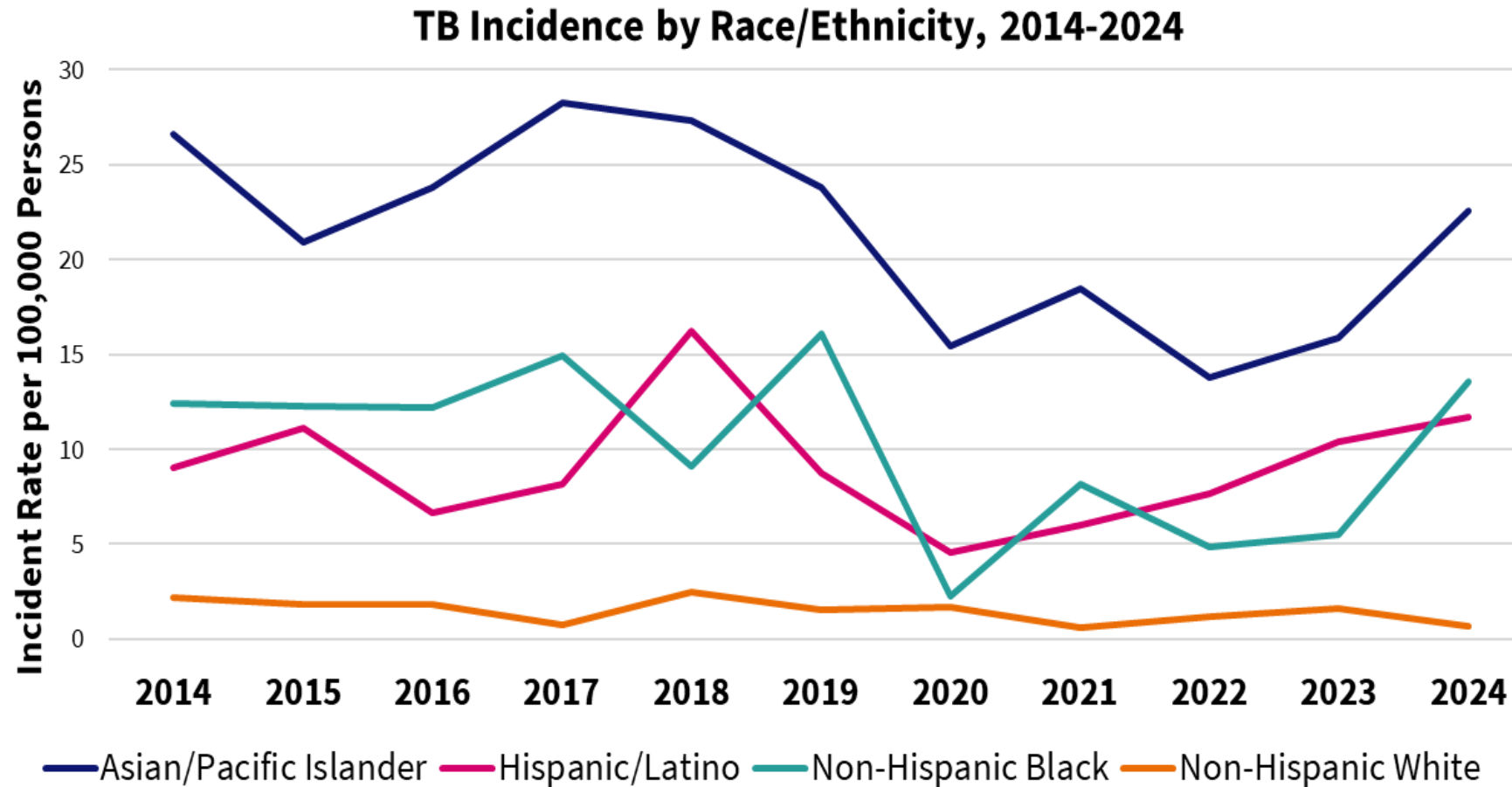
**TB Incident Rates and Cases, 2014-2024**

YTD 9/23/2025:  
➤ 59 reported cases





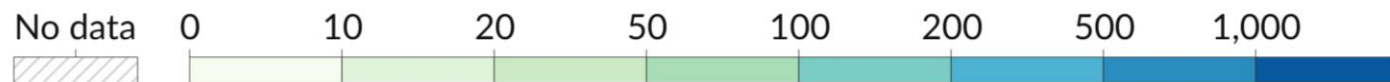
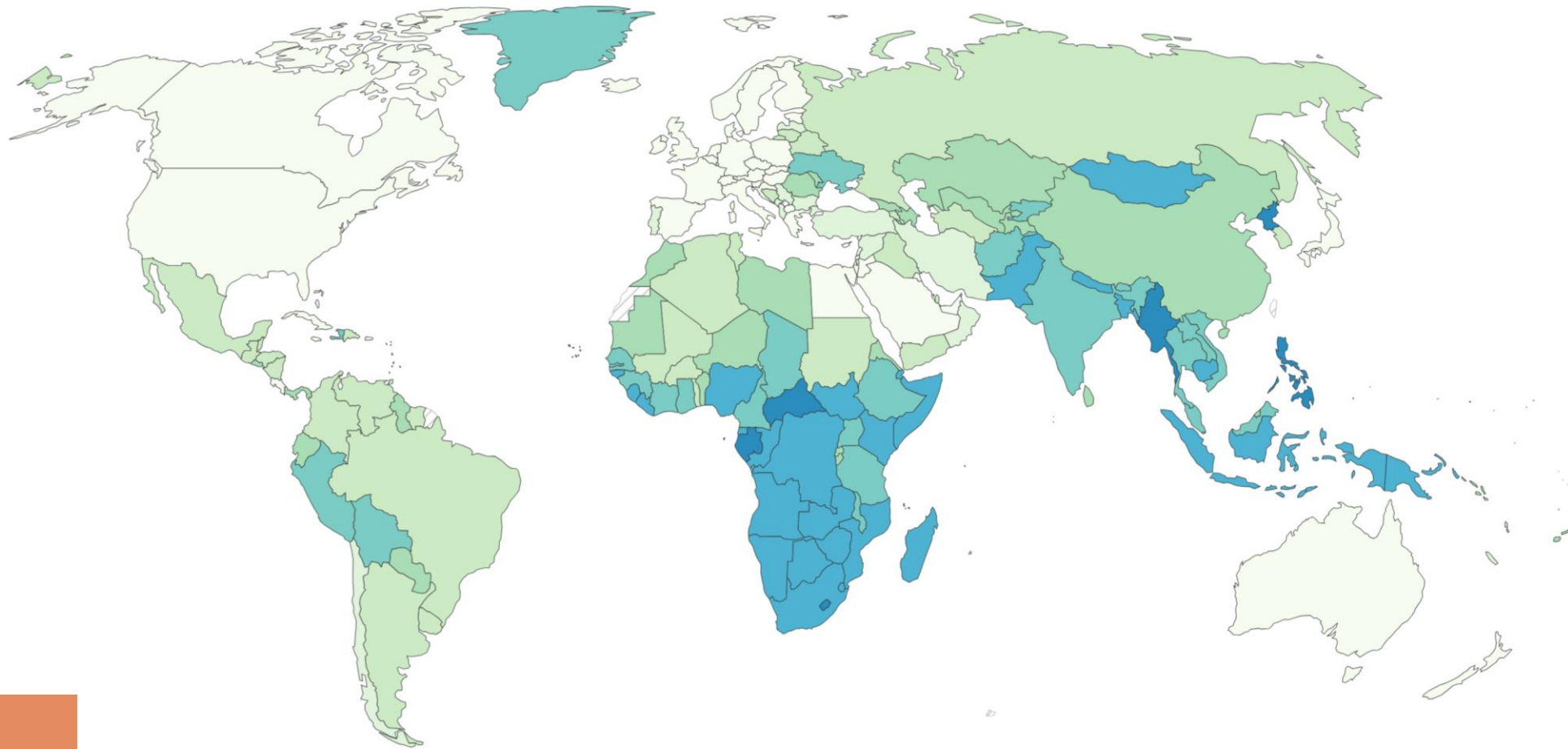
# Disproportionate rates of active TB disease by race/ethnicity in San Francisco



- Disproportionate impact of TB on non-white San Franciscans
- Asian / Pacific Islander residents of San Francisco persistently have the highest TB incidence

Approximately 90% of people with active TB in San Francisco were born in a country where TB is common

Slide 10



Our World  
in Data

Data Source: WHO

Image Source: [Our World In Data](#)

# Birth country\* of SF active TB cases 2020 - 2024

Country	N (%)
China	127 (36.29%)
Philippines	47 (13.43%)
Vietnam	28 (8.00%)
India	12 (3.43%)
Hong Kong	6 (1.71%)
Burma	5 (1.43%)
Korea, South	4 (1.14%)
Nepal	4 (1.14%)

Country	N (%)
Cambodia	3 (0.86%)
Indonesia	3 (0.86%)
Mongolia	3 (0.86%)
Macau	2 (0.57%)
Malaysia	2 (0.57%)

Country	N (%)
Mexico	17 (4.86%)
Peru	7 (2.00%)
Guatemala	6 (1.71%)
Nicaragua	6 (1.71%)
El Salvador	5 (1.43%)
Venezuela	2 (0.57%)

Country	N (%)
United States	32 (9.14%)
Japan	3 (0.86%)
Ukraine	3 (0.86%)
Ethiopia	2 (0.57%)
France	2 (0.57%)
United Kingdom	2 (0.57%)

Asia

Latin America

Other

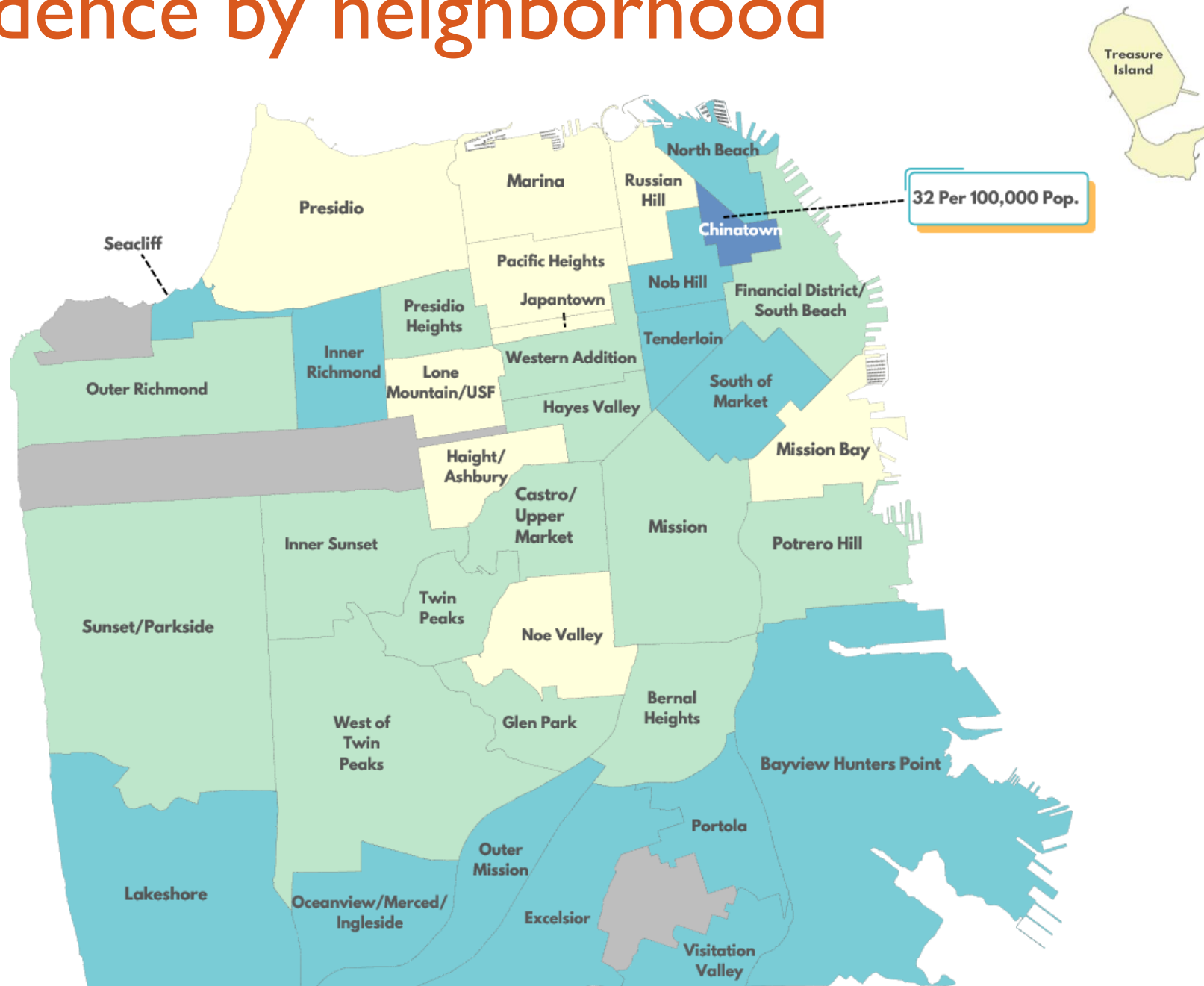
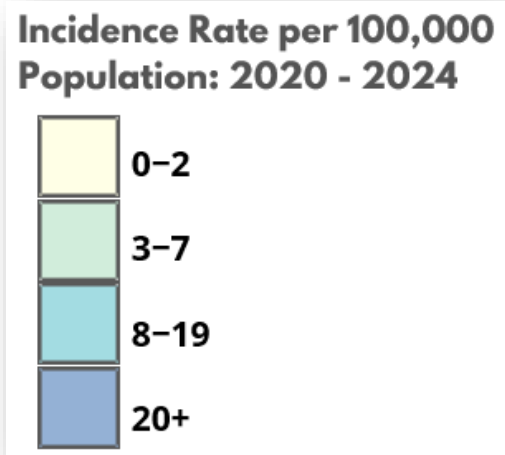


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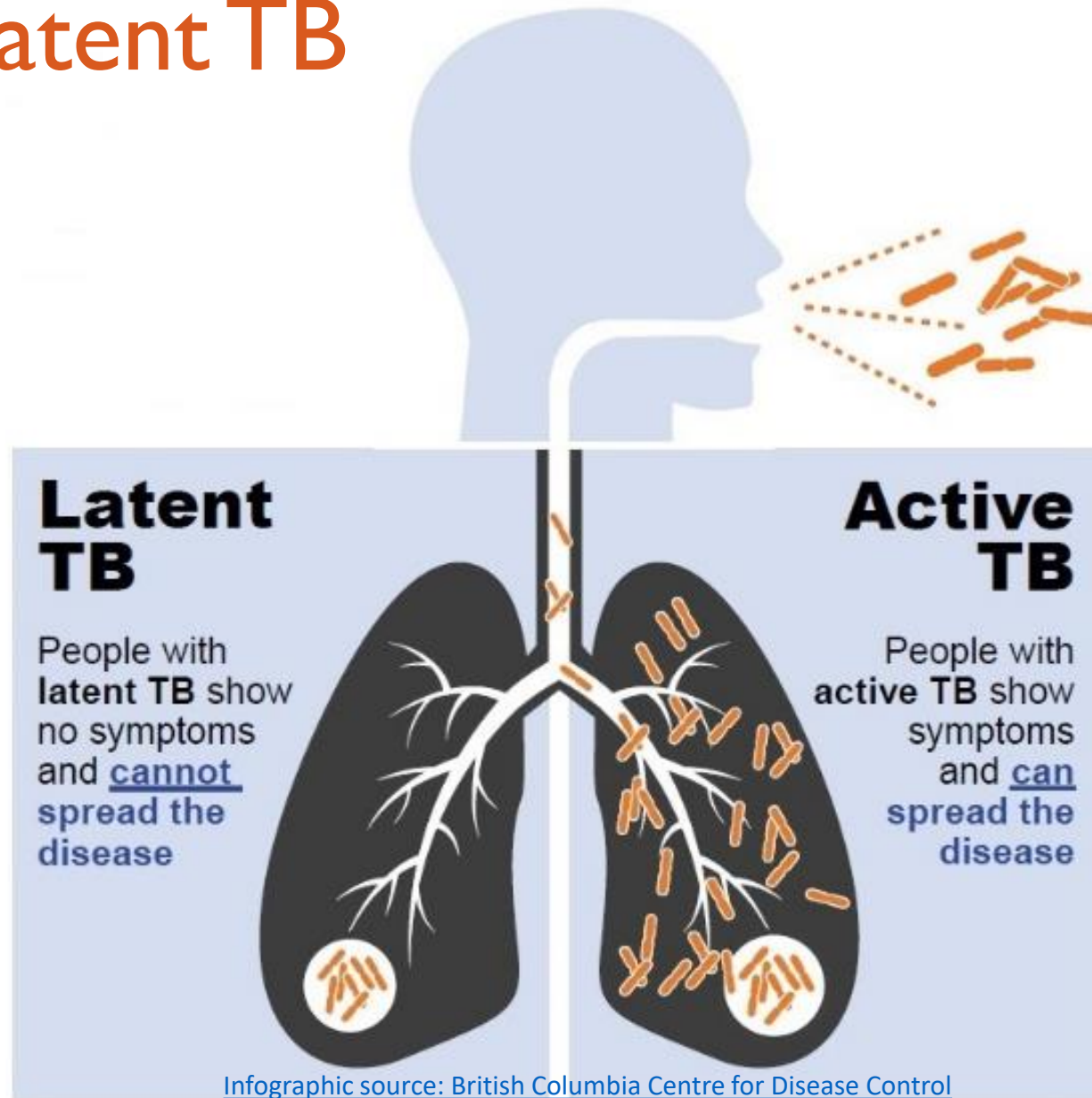
\*Countries-of-birth with fewer than two TB cases during 2020- 2024 not shown



# TB Incidence by neighborhood



# TB Prevention Strategy: Test and Treat for Latent TB



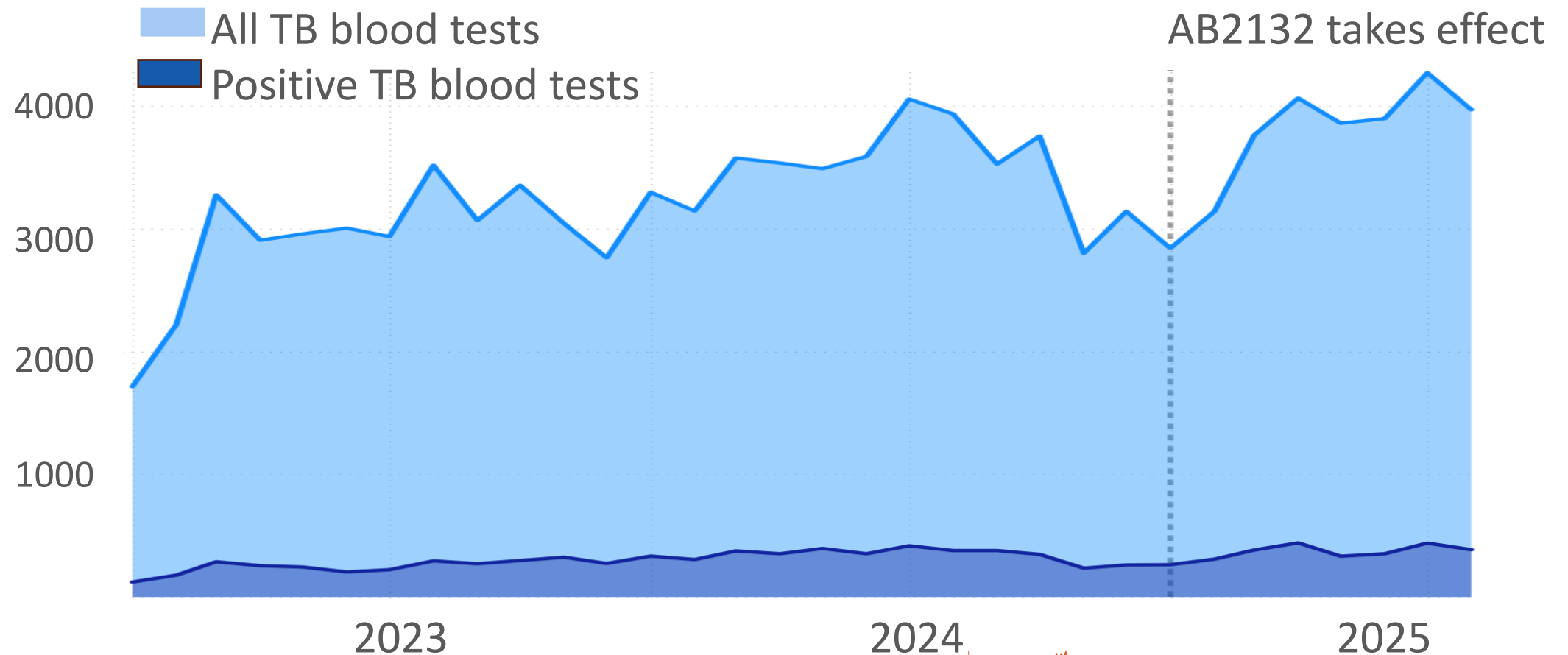
# AB 2132 & TB Prevention Care Cascade

- AB 2132: [California Health & Safety Code § 121560 \(2024\)](#)
  - Legislation passed 9/29/2024 and went into effect 1/1/2025
- [Prevent TB Disease in 4 Steps:](#)
  1. Identify patients at risk for TB infection
  2. Test patients for TB infection with blood test (preferred) or TB skin test
  3. Use TB symptom screen, physical exam, and chest Xray to evaluate for TB disease
  4. Prevent TB disease – treat LTBI before patients develop TB disease

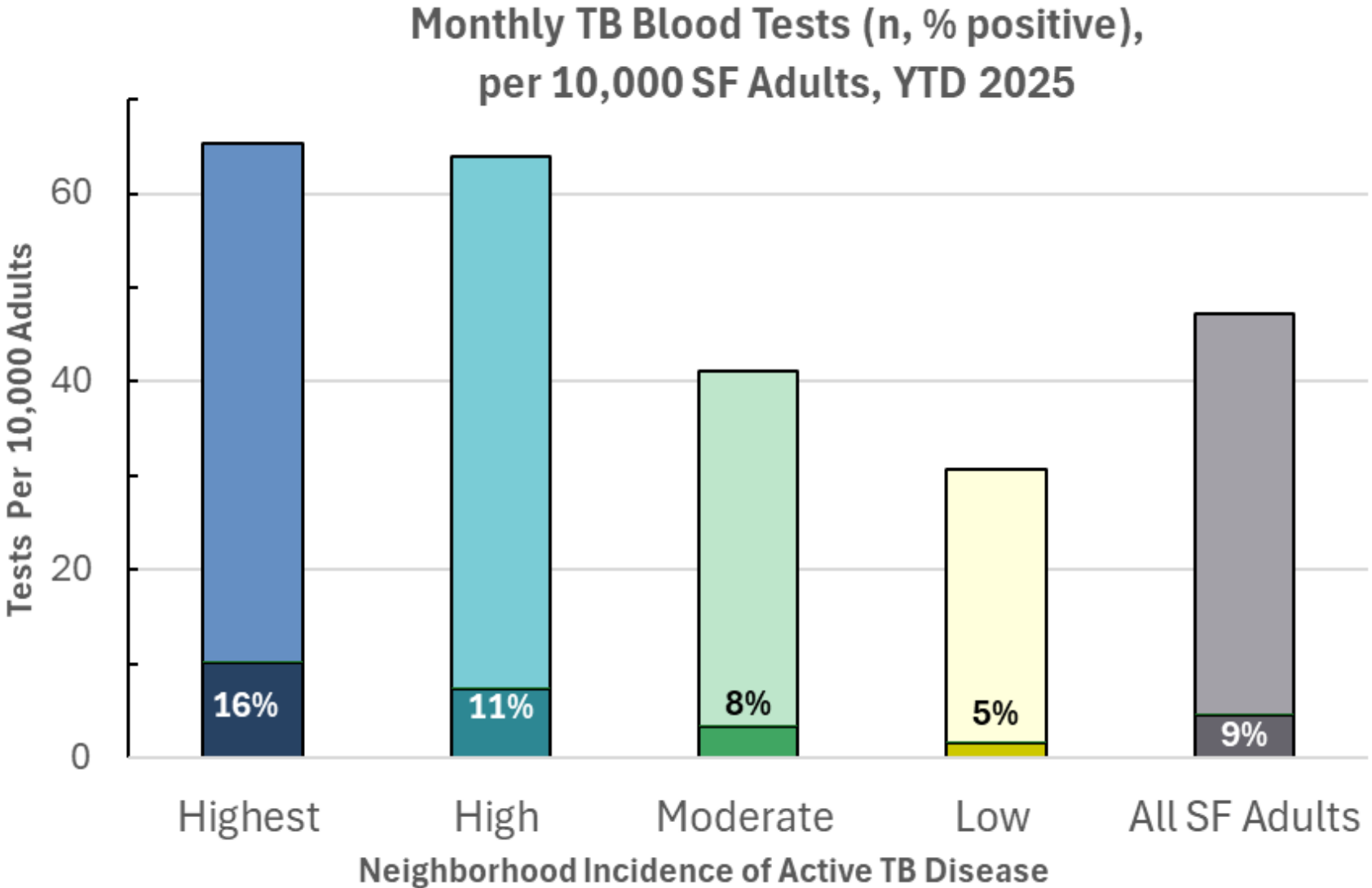
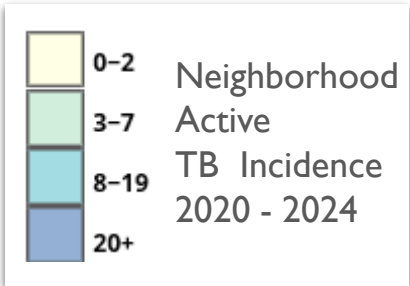




# Monthly Electronically Reported TB Blood Tests (n), San Francisco Adults 2023 – 2025 YTD



# TB blood test access is enhanced in neighborhoods with high TB risk



# Treatment for patients with TB and their contacts

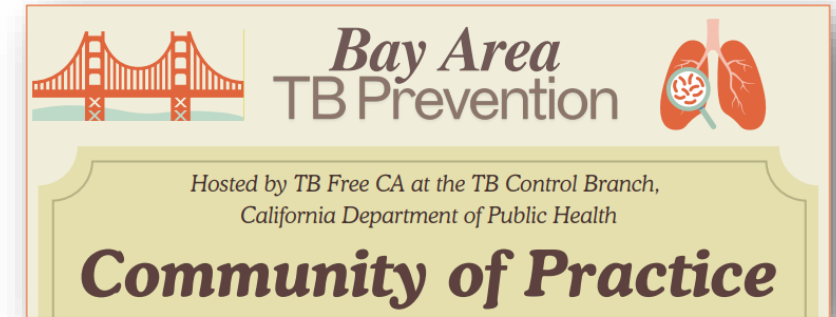
- Directly Observed Therapy (DOT)
- Food, housing, transportation to TB clinic visits, other isolation supports
- TB testing and preventive treatment for contacts





# Outreach to Providers and Community

- Clinics & provider outreach:
  - [Health Update March 3, 2025](#): Tuberculosis Case Increase and New Law
  - Bay Area Regional TB Prevention Community of Practice & CDPH CME
- Community outreach:
  - In-language media outreach
  - Promotores Network
  - Latino Task Force, Head Start



# TB Elimination Hero 2025



## TB Elimination Heroes

### 2025 Recipient



Thienkhai Vu, MD, PhD  
Clinical Professor, Radiology  
UCSF School of Medicine

- Diagnostic expert in TB imaging and radiographically-guided biopsy, providing equitable care to TB patients through ZSFGH radiology department
- Volunteer co-leader of San Francisco TB Clinic-ZSFGH weekly interdisciplinary conferences for TB diagnosis and care



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# Thank you!

## Tuberculosis Branch



### TB Program statistics prepared by:

- Laura Romo, MPH – Surveillance/Epidemiology Manager
- Jose Gonzalez, MPH - Epidemiologist II
- Kevin Ru, MPH – Epidemiologist I
- Camarra Valdez, BS – DIS Fellow (RADR)



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