



TUBERCULOSIS PROGRAM UPDATE

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POPULATION HEALTH DIVISION
SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH

Overview

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

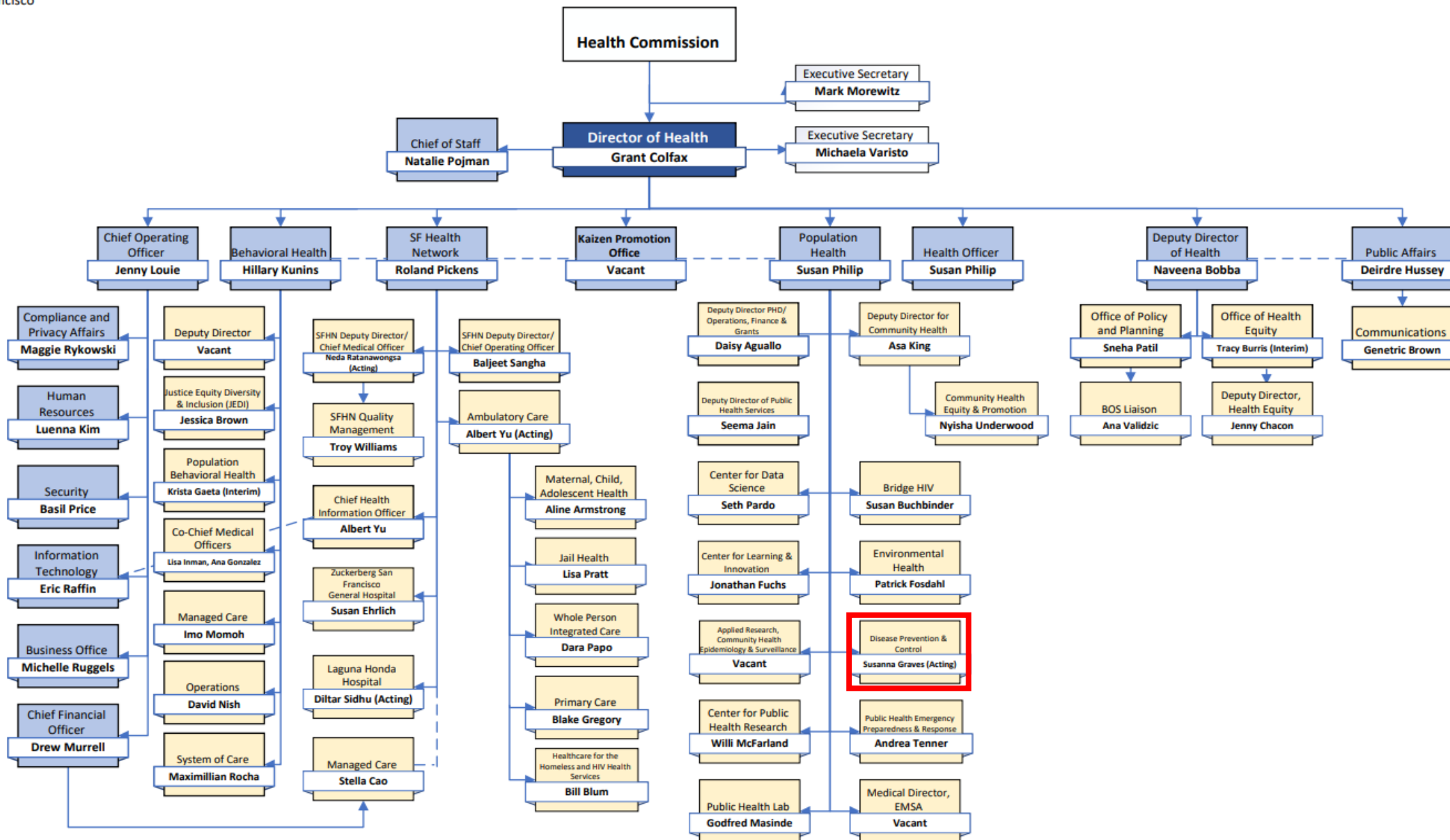




City and County of San Francisco
London N. Breed
Mayor

San Francisco Department of Public Health
Grant Colfax
Director of Health

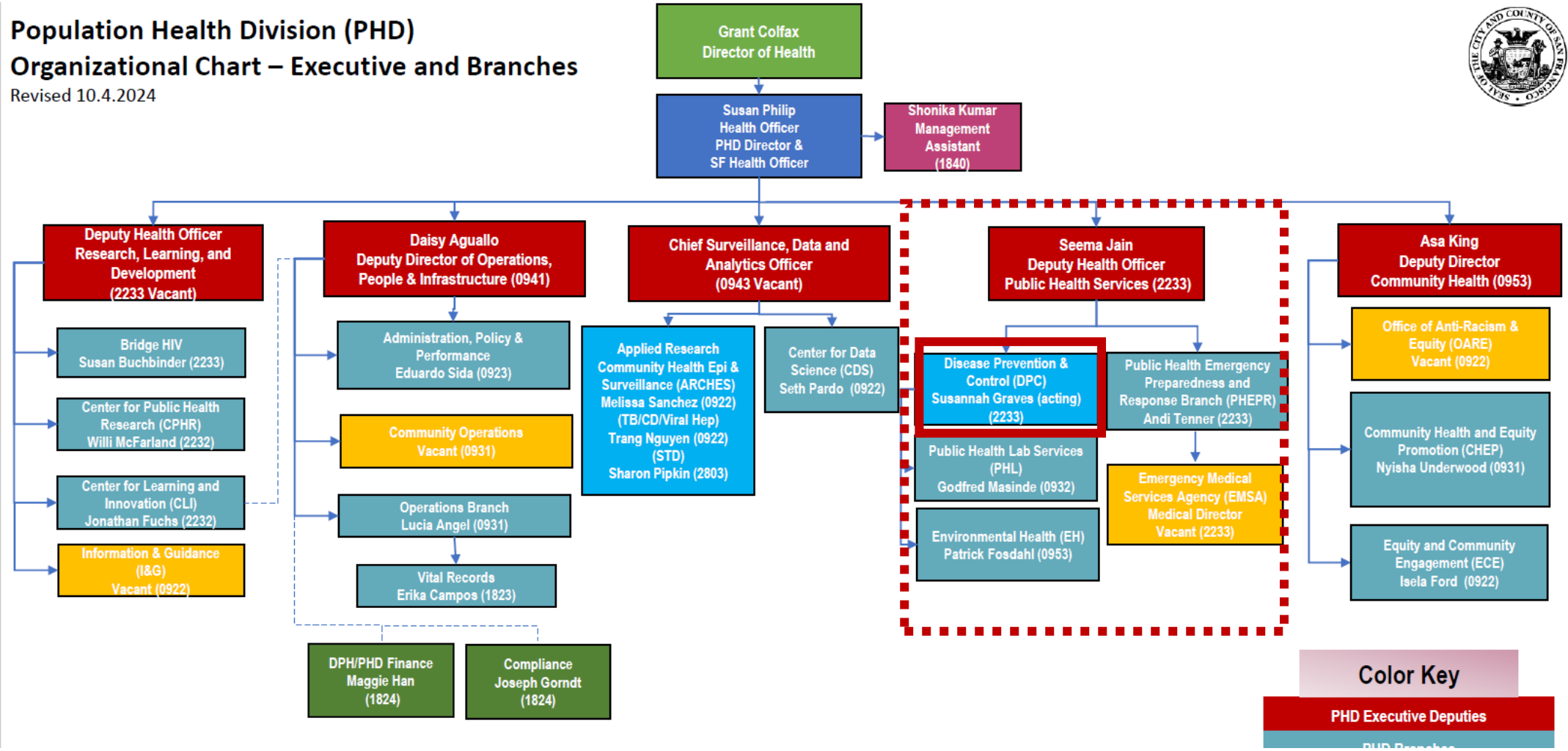
Disease Prevention & Control Branch



Disease Prevention and Control Branch



Population Health Division (PHD)
Organizational Chart – Executive and Branches
 Revised 10.4.2024



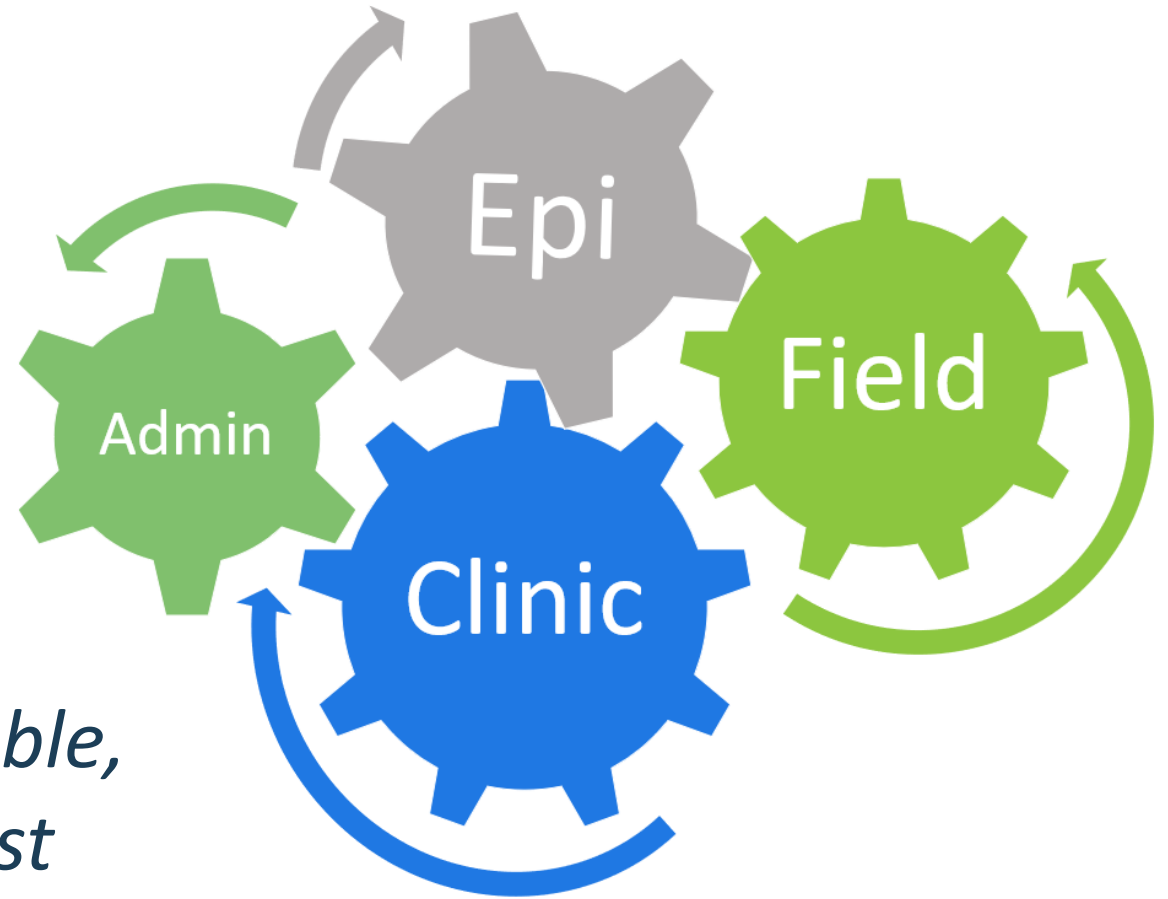
Color Key

- PHD Executive Deputies
- PHD Branches



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.



What is TB?

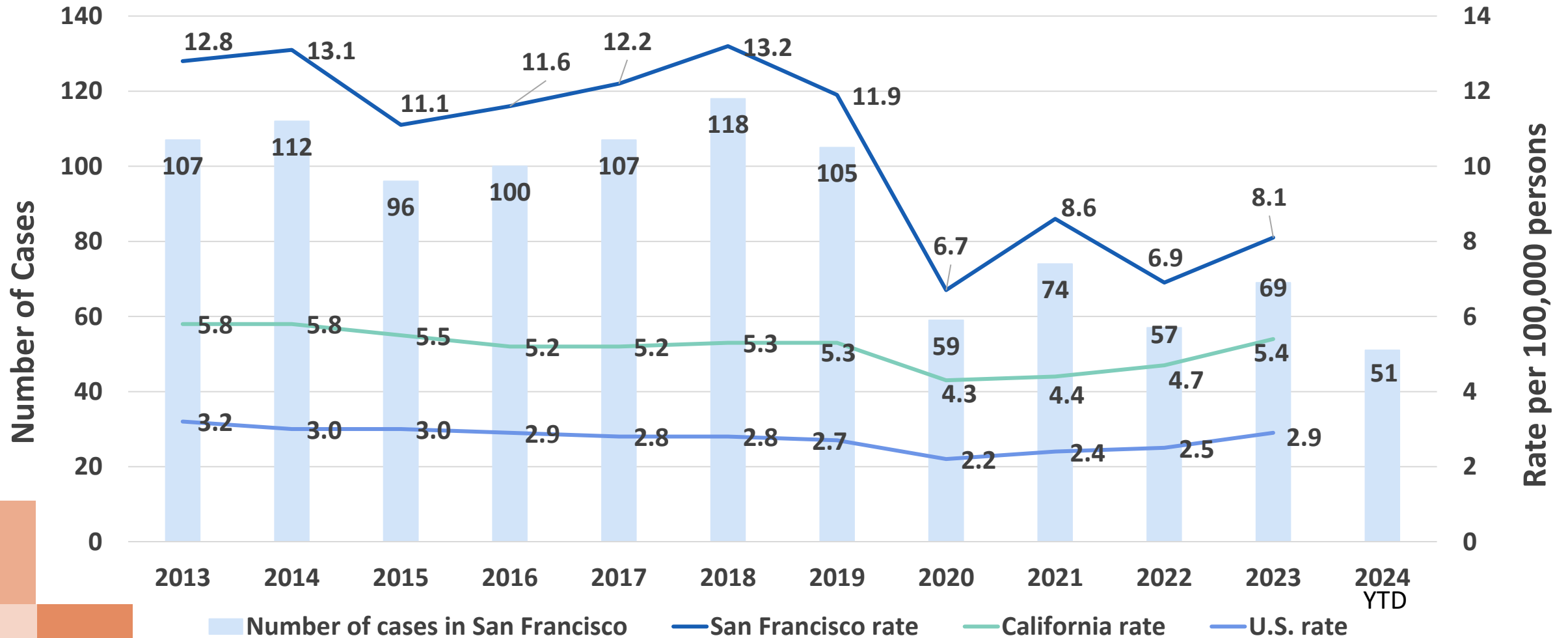
- Transmitted from person-to-person via aerosols in shared indoor air
- Usually affects the lungs, can affect any organ
- Top infectious disease killer globally with over 10% case mortality in SF



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

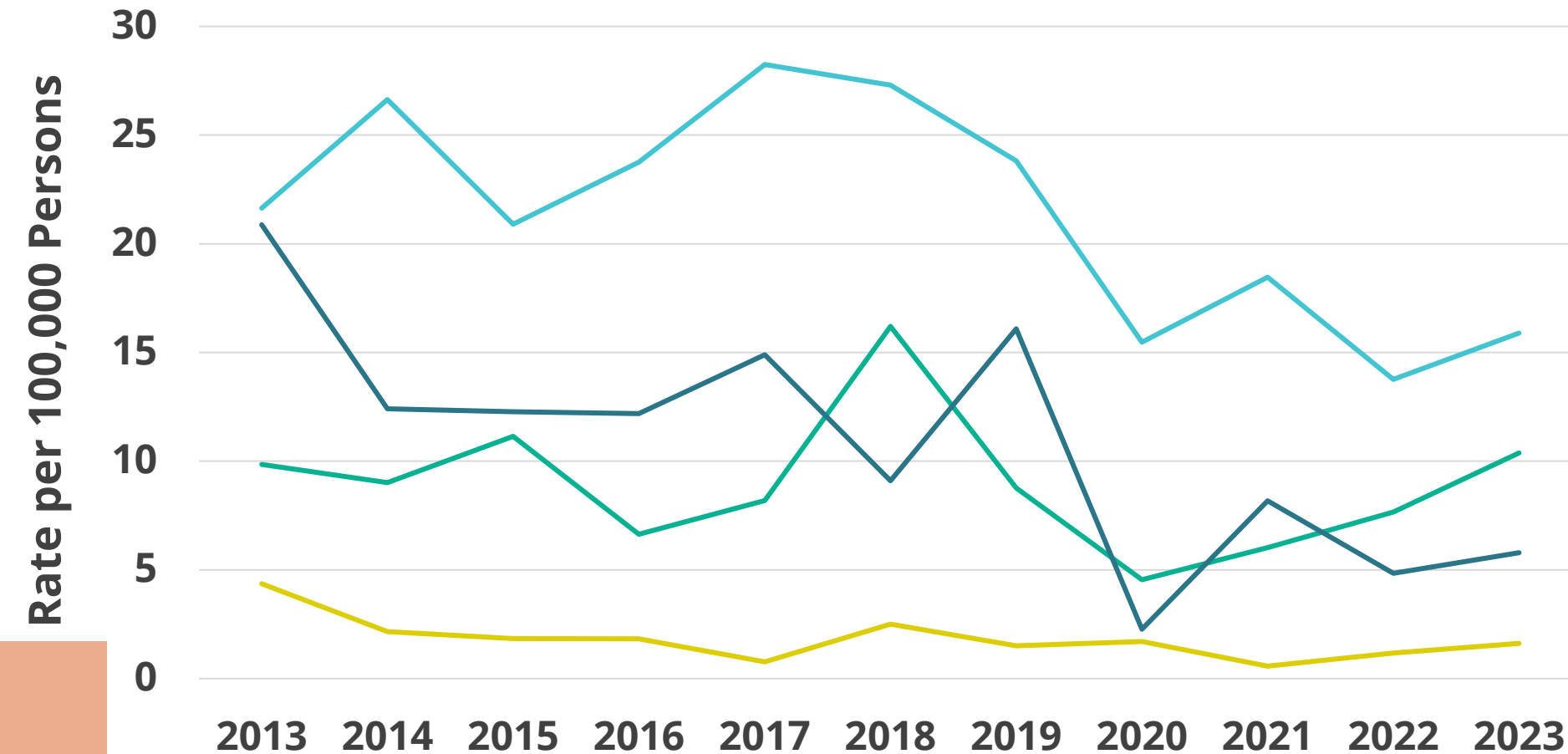


Active TB cases and rates, 2013 - 2024



Racial/Ethnic Disparity in Active TB Rate

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

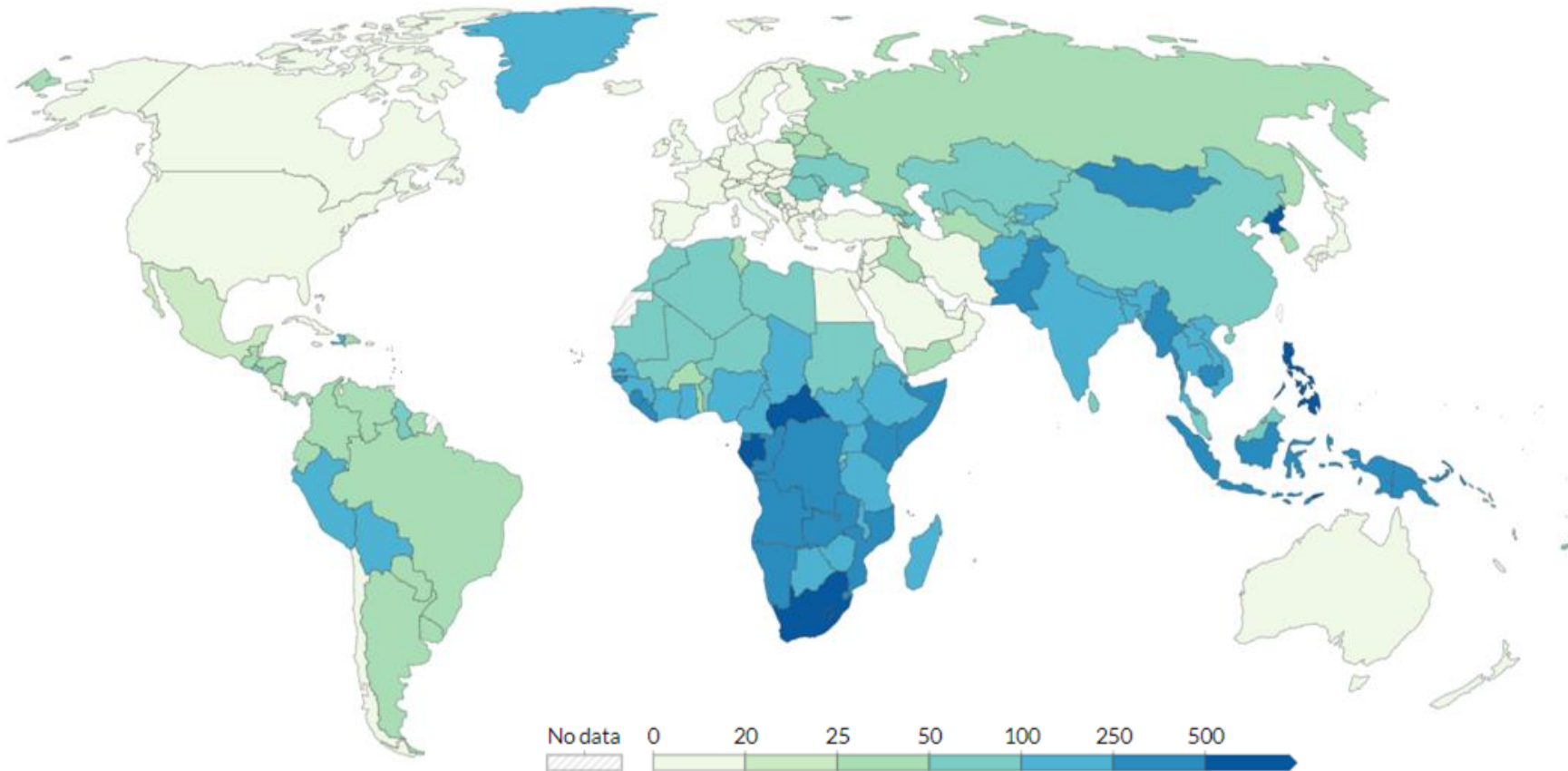


— Asian/Pacific Islander
— Non-Hispanic Black

— Hispanic/Latino
— Non-Hispanic White



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



Source: Data: WHO

Image: [Our World In Data](#)



POPULATION HEALTH DIVISION
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Birth country* of SF TB cases 2019 – 2023

Country	N (%)
China	124 (34.0%)
Philippines	51 (14.0%)
Vietnam	33 (9.04%)
India	10 (2.74%)
Nepal	6 (1.64%)
Burma	5 (1.37%)
Malaysia	3 (0.82%)
Macau	3 (0.82%)

Country	N (%)
South Korea	5 (1.37%)
Hong Kong	5 (1.37%)
Mongolia	4 (1.1%)
Cambodia	3 (0.82%)
Japan	3 (0.82%)
Indonesia	2 (0.55%)
Pakistan	2 (0.55%)

Country	N (%)
Mexico	23 (6.3%)
El Salvador	6 (1.64%)
Nicaragua	6 (1.64%)
Peru	5 (1.37%)
Guatemala	3 (0.82%)

Country	N (%)
USA	40 (11.0%)
Ukraine	3 (0.82%)
Ethiopia	2 (0.55%)
UK	2 (0.55%)
France	2 (0.55%)

Asia

Latin America

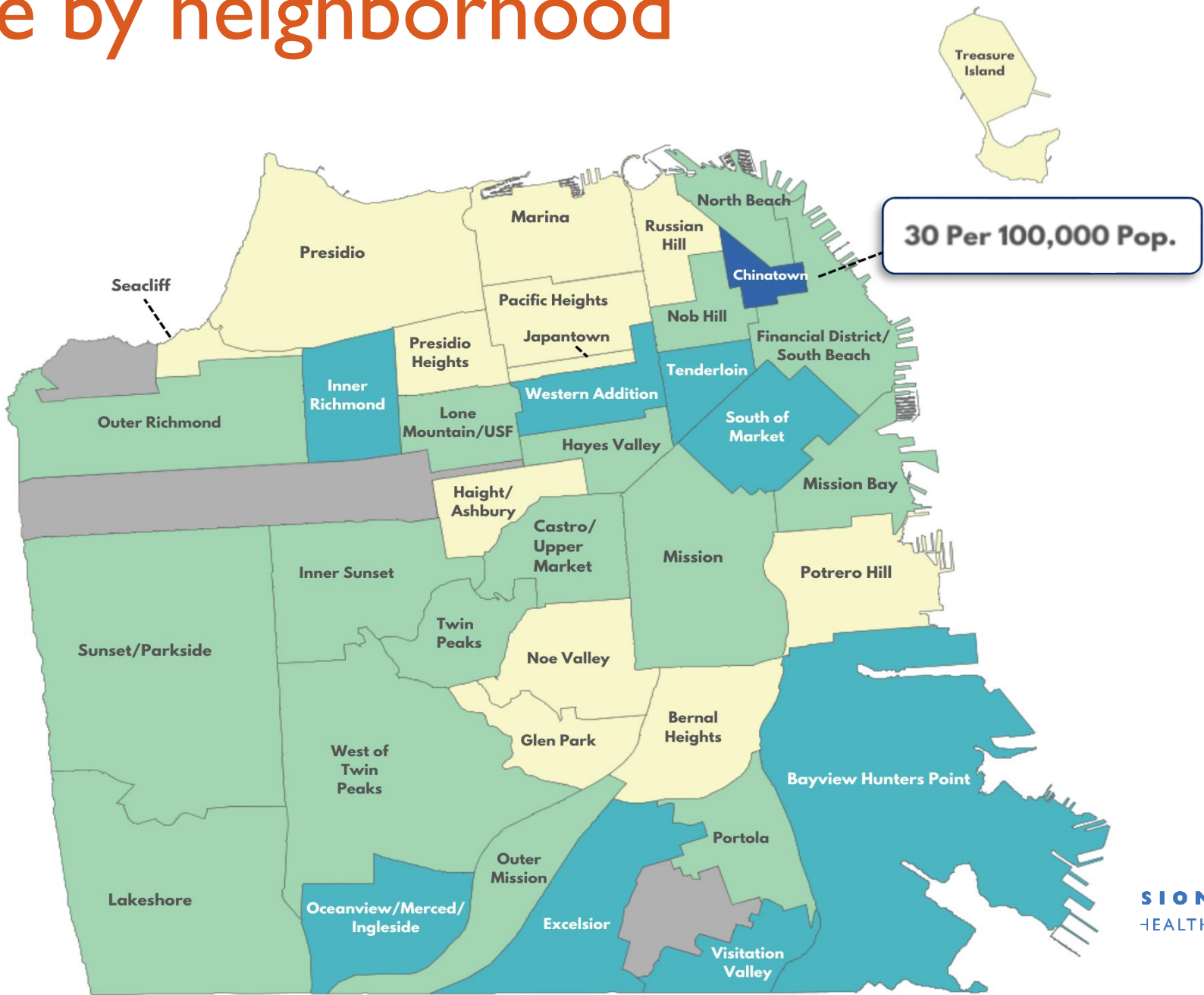
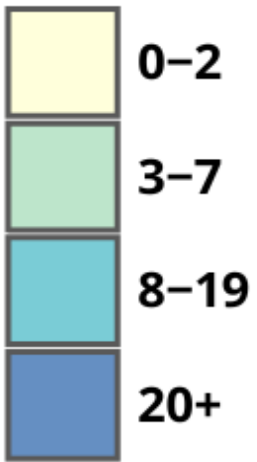
Other



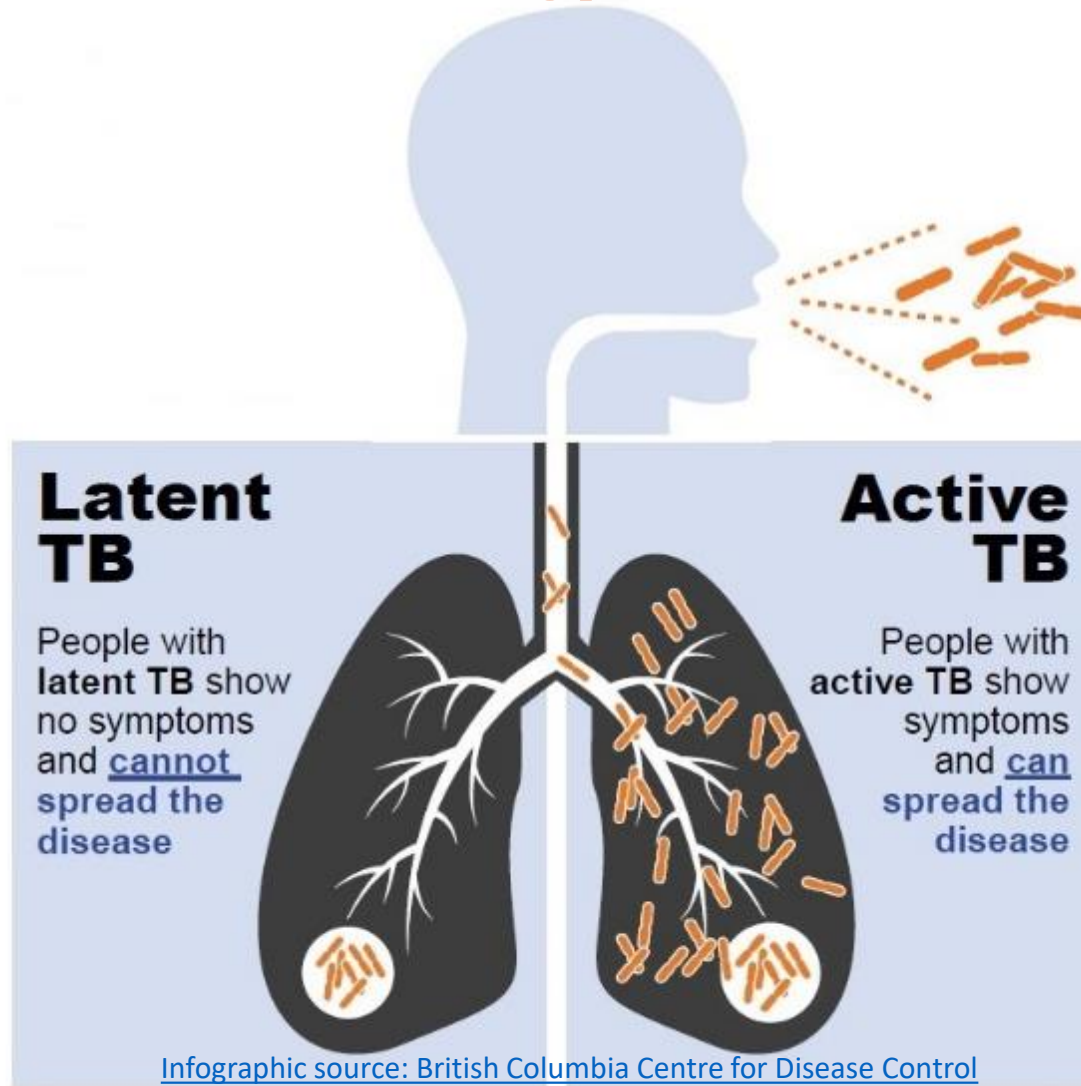
*Countries-of-birth with fewer than two TB cases during 2019- 2023 not shown

TB Incidence by neighborhood

Incidence Rate per 100,000
Population: 2019-2023

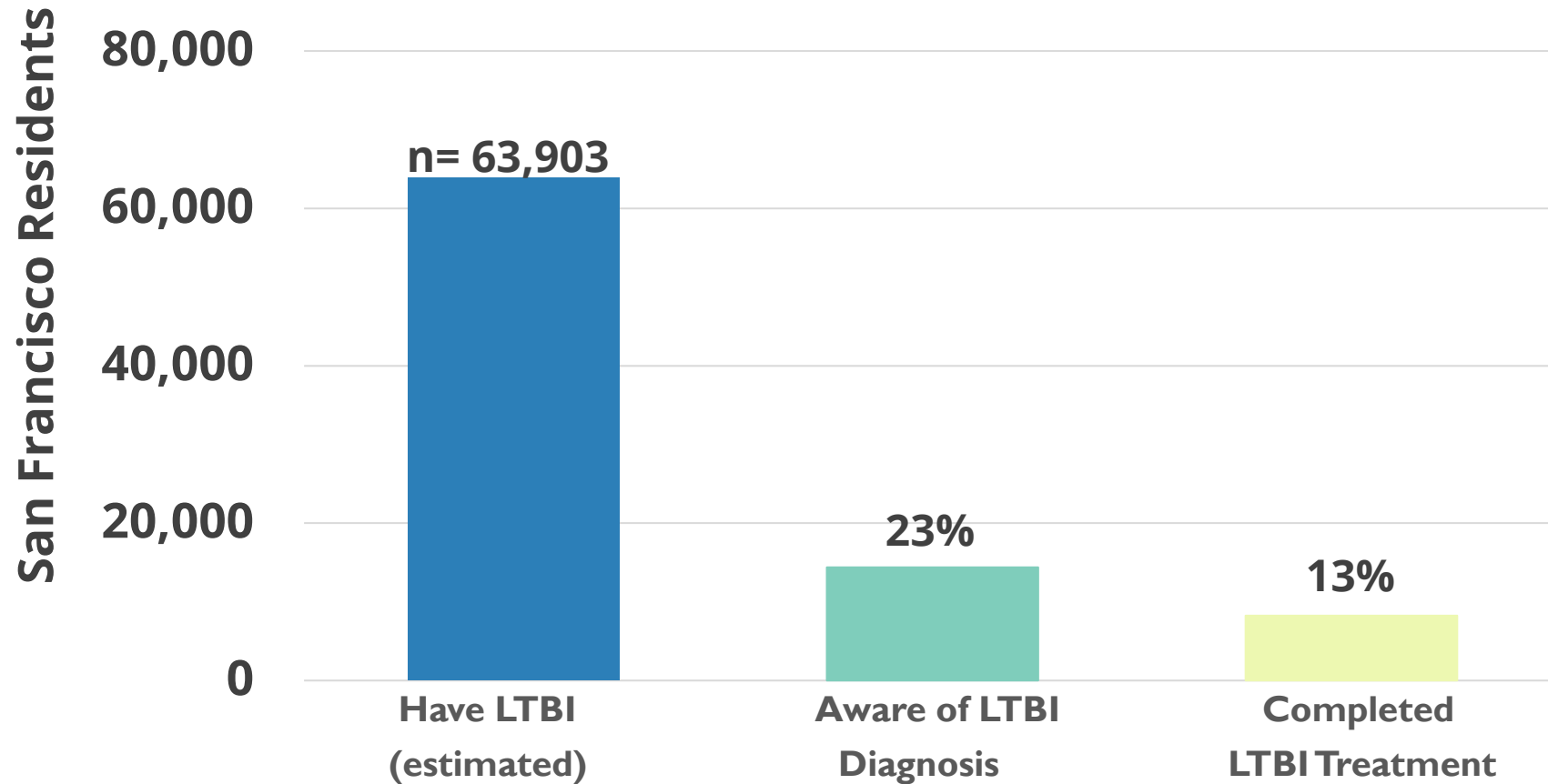


TB Prevention Strategy: Test and Treat for Latent TB

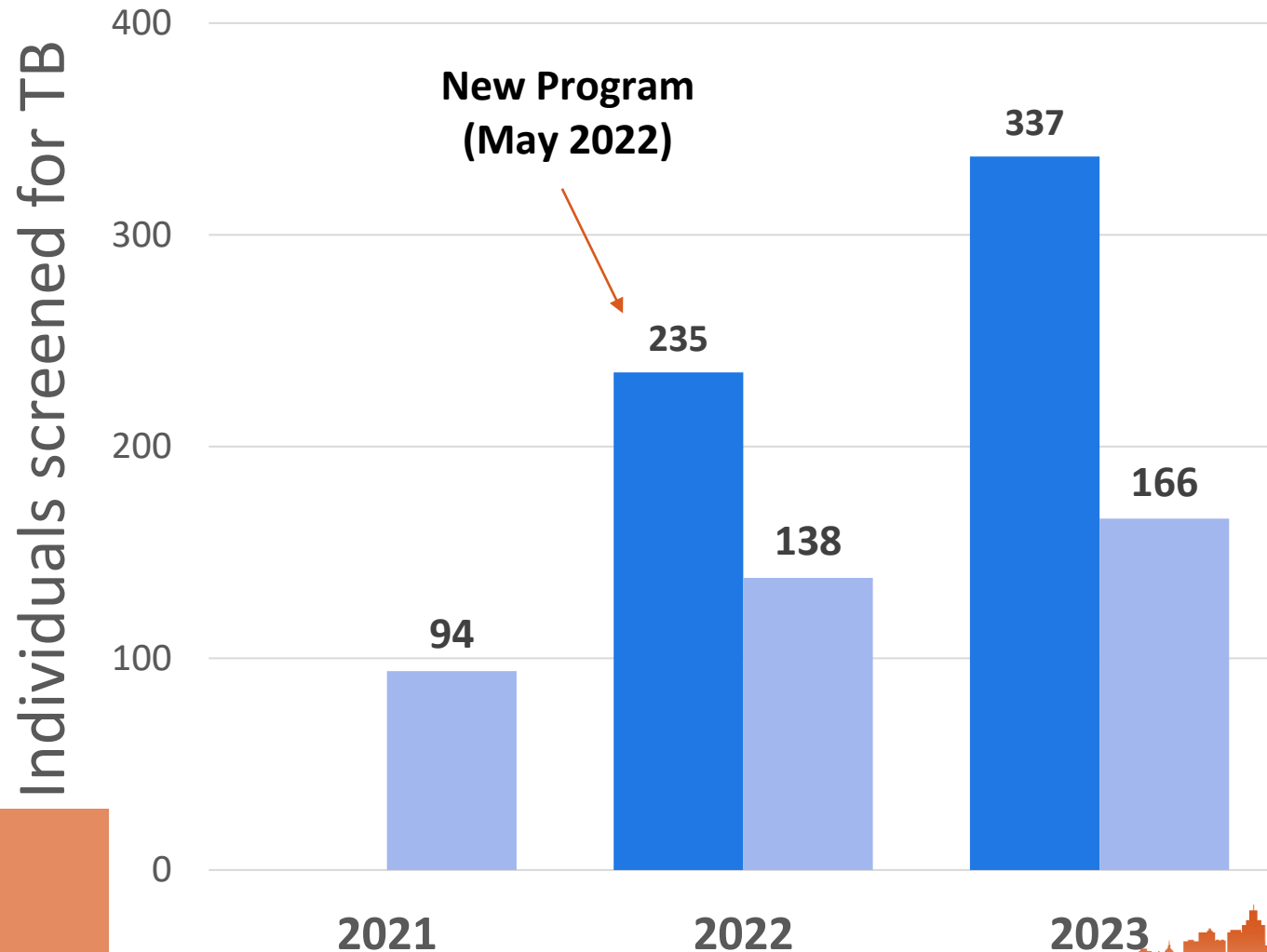


Latent TB Infection: a prevention opportunity

Estimated LTBI Cases, Awareness, and Treatment in San Francisco, 2023



TB screening of newcomers at TB Clinic



- Humanitarian Parolees
- Classified Immigrants



TB prevention and care - key partnerships

- UCSF Center for TB
- UCSF Asian Health Institute
- Asylum-Seeker Health Services
- Maternal, Child and Adolescent Health
- San Francisco Unified School District

- Head Start
- Promotores Network
- Shelters (WPIC, HSH)
- Substance Use Services (BHS)



TB prevention & care partners – FQHCs

- North East Medical Services (NEMS):
 - Joint community educational outreach
 - LTBI care cascade & sputum testing optimization
 - TB sputum testing guideline adherence improved 21% → 63% 2023



2023



TB prevention & care partners – FQHCs

Mission Neighborhood Health Center

- Consultation & LTBI follow-up
- Expand access to TB blood testing
- Community Health Worker outreach & education
- 20% increase in TB testing 2024



2024



TB prevention & care partners – health systems

- Consultation and referral
- Clinical and in-service training
- Staff TB screening policy updates
- Expanded TB blood testing
- Molecular sputum test adoption
- Bundled orders
- SUD/TB treatment integration



Thank you!

TB Prevention and Control Section



TB Program statistics prepared by:

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