

The influence of chronic infectious diseases (HIV, TB) after COVID-19 pandemic in Taipei

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- During COVID-19 pandemic, Central Epidemic Command Center (CECC) raises epidemic alert level for Taipei City, and strengthens national restrictions and measures, in response to increasing level of community transmission.
- New cases of the chronic infectious diseases (HIV, TB) decrease during the COVID-19 pandemic period due to the restriction. However, the phenomenon rebound after deregulation of prevention policies.

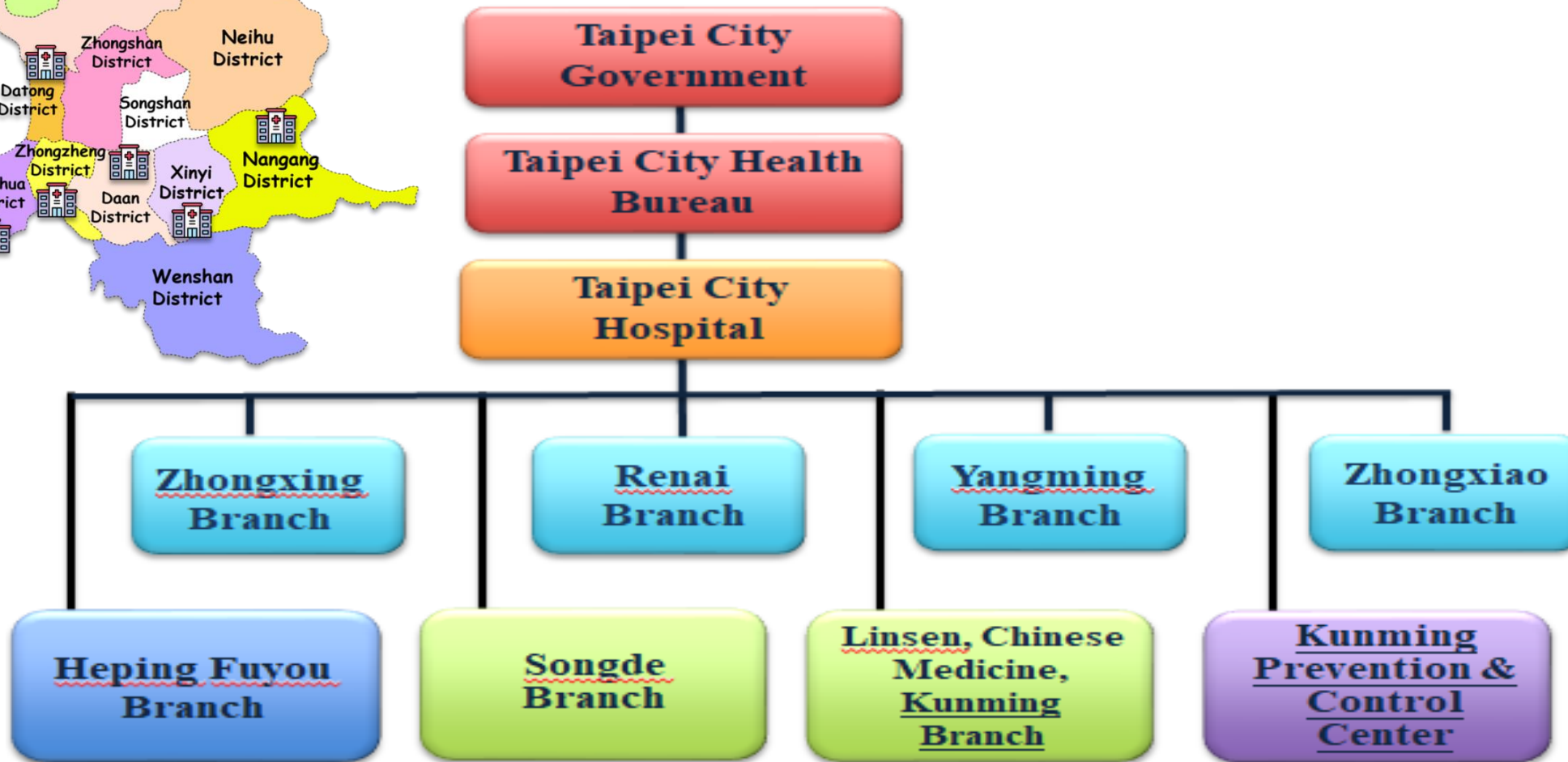


Taipei City

- 12 administrative districts
- Area: 271.8 km²
- Population: 2.51M

Taipei City Hospital

- Regional teaching hospital
- Total bed number: 2,889
- Total staff number: 6,231



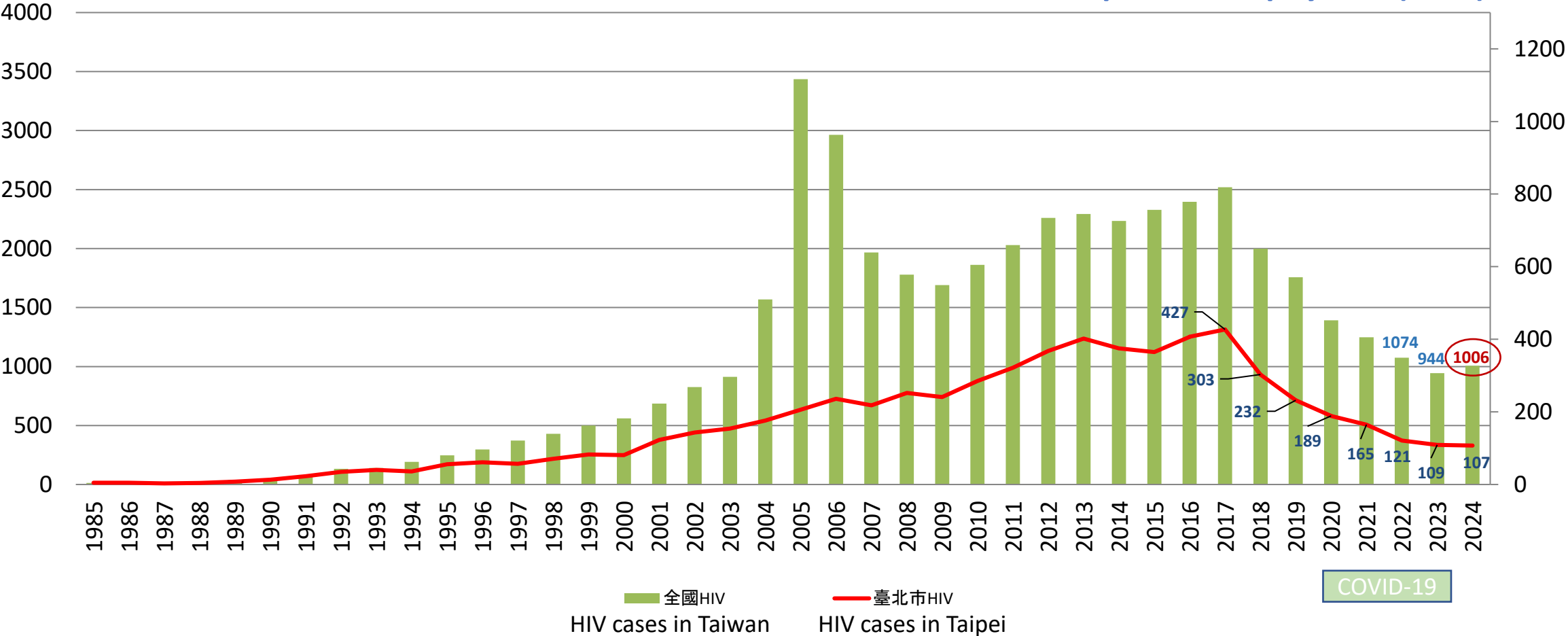
First specialized Sexually Transmitted Diseases (STD) clinic (1968) and HIV/STD clinic (1988) in Taipei

Clinical service

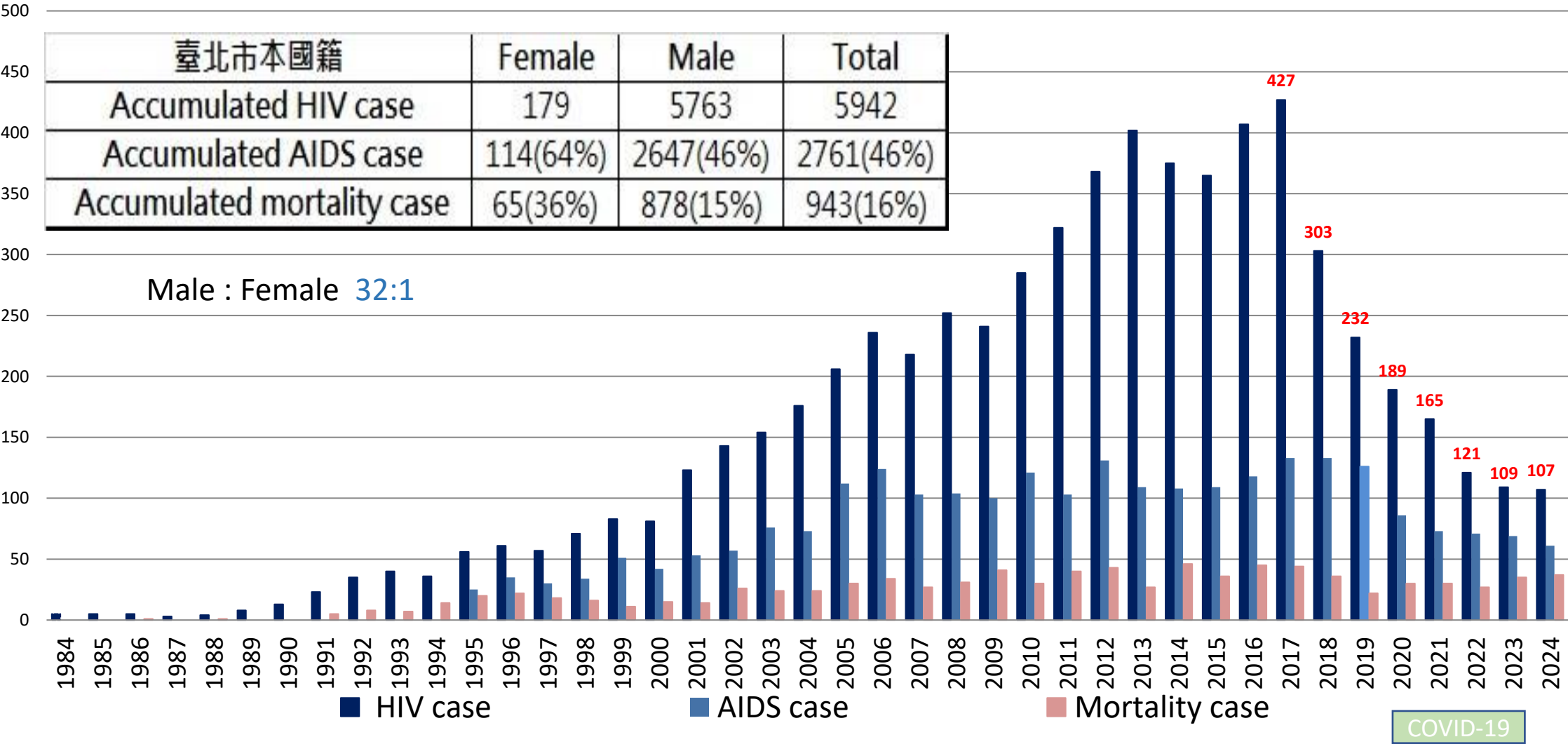
Public health service

Newly diagnosed HIV cases in Taipei (1984-2024)

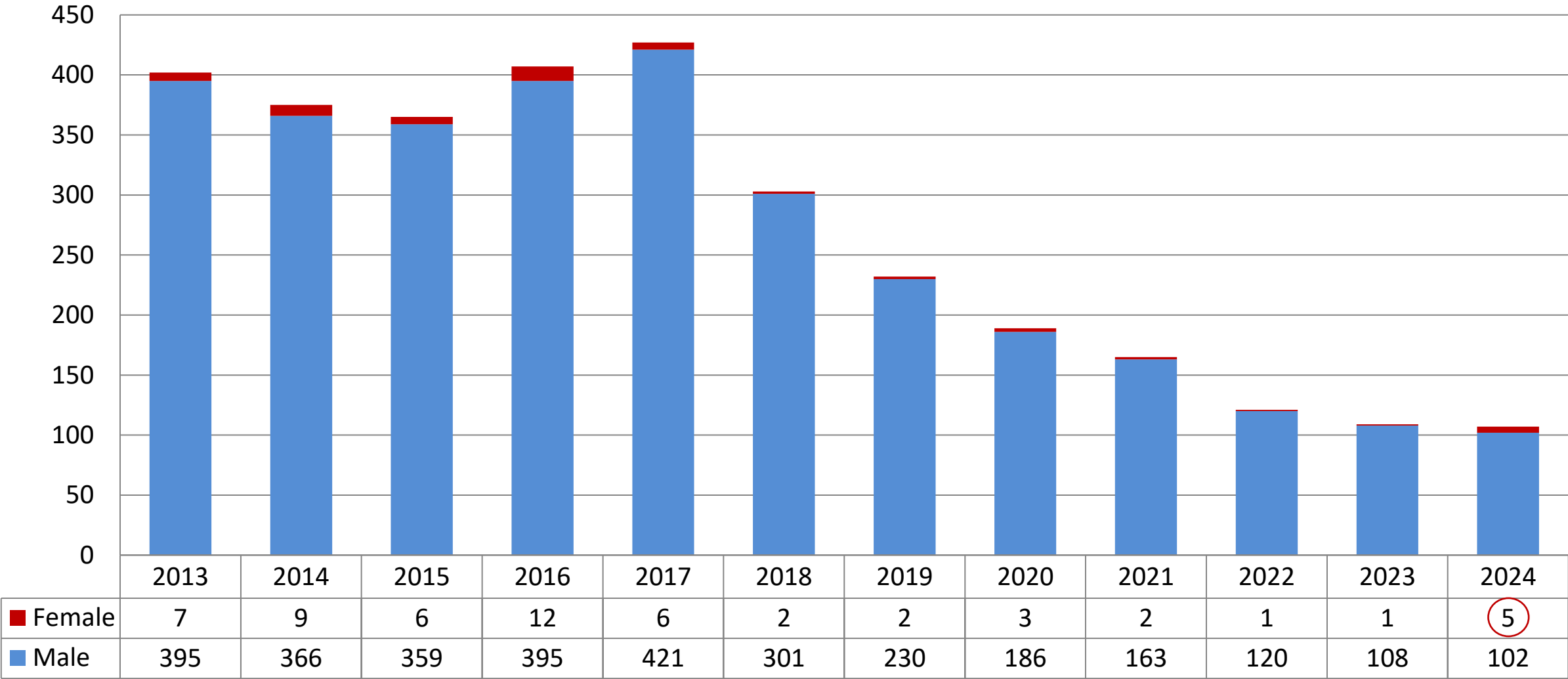
Treatment as Prevention, Early Highly Active Anti-Retroviral Therapy (HAART), Pre-Exposure Prophylaxis (PrEP)



Epidemiology curve of HIV during 1984-2024 in Taipei



Gender distribution of HIV case during 2013-2024 in Taipei

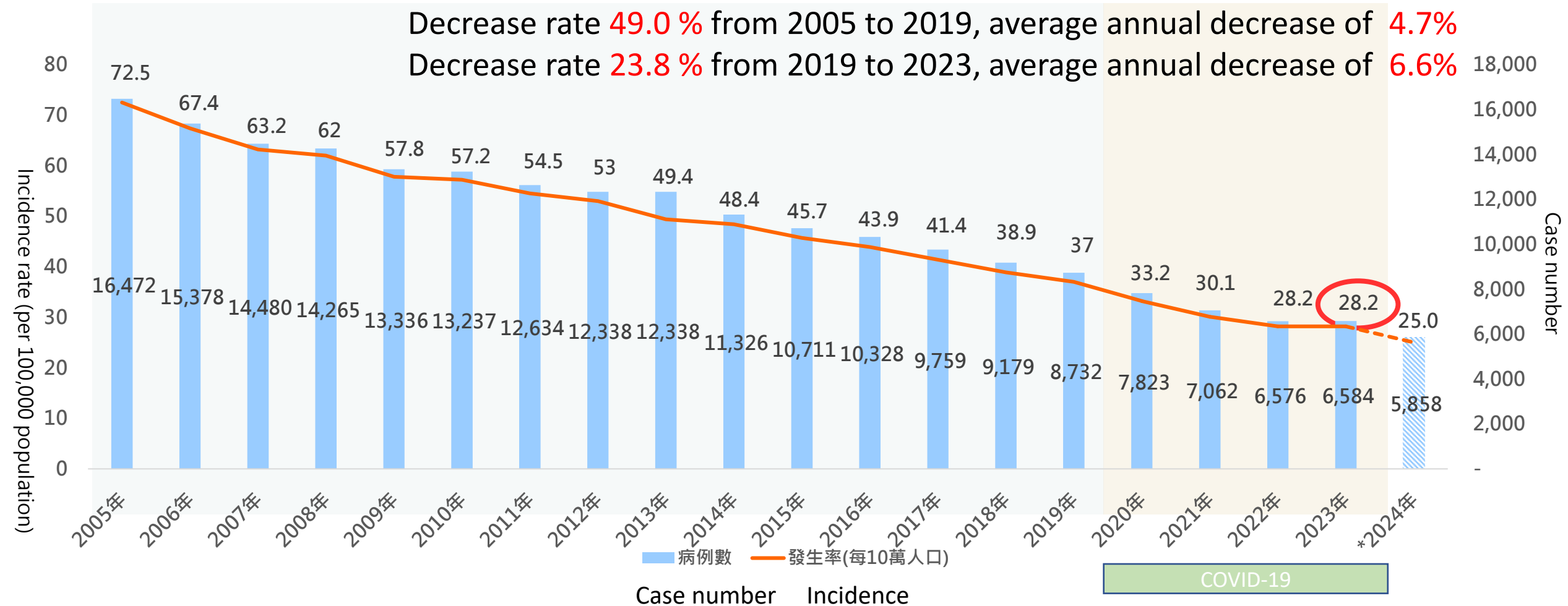


Increased new HIV female cases after COVID-19 pandemic

- 5 new HIV female cases in Taipei in 2024 (only 1 case in 2022, 2023)
- All of the cases their age are more than 40 y/o, and most cases are immigrants from Mainland China, suspect sex worker

	Age		Marriage	
Case 1	40	AIDS status when diagnosed	Unmarried	
Case 2	65	AIDS status when diagnosed	Divorced	Immigrant from Mainland China
Case 3	52		Divorced	Immigrant from Mainland China
Case 4	57		Divorced	Immigrant from Mainland China
Case 5	55	AIDS status when diagnosed	Divorced	Immigrant from Mainland China

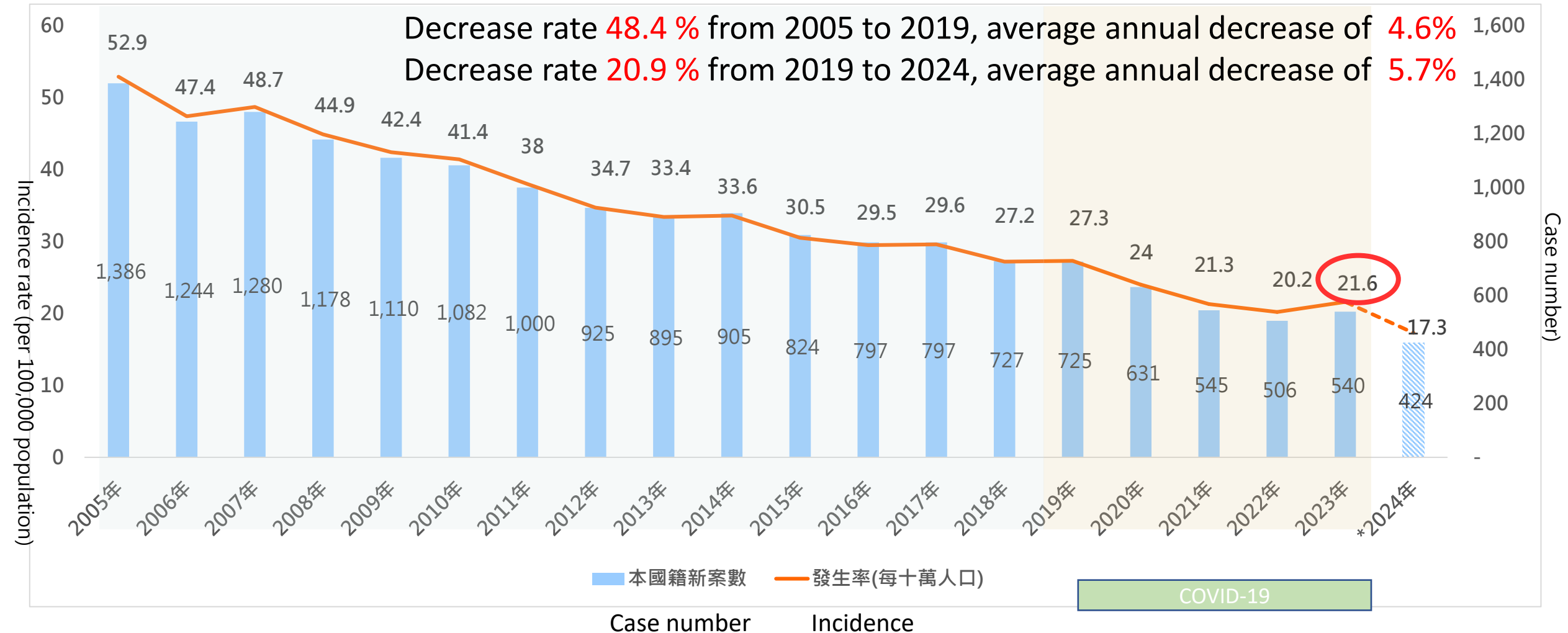
TB incidence rate in Taiwan



The incidence and number of confirmed cases of tuberculosis in 2024 are estimates.

Data from Tuberculosis tracking management system.

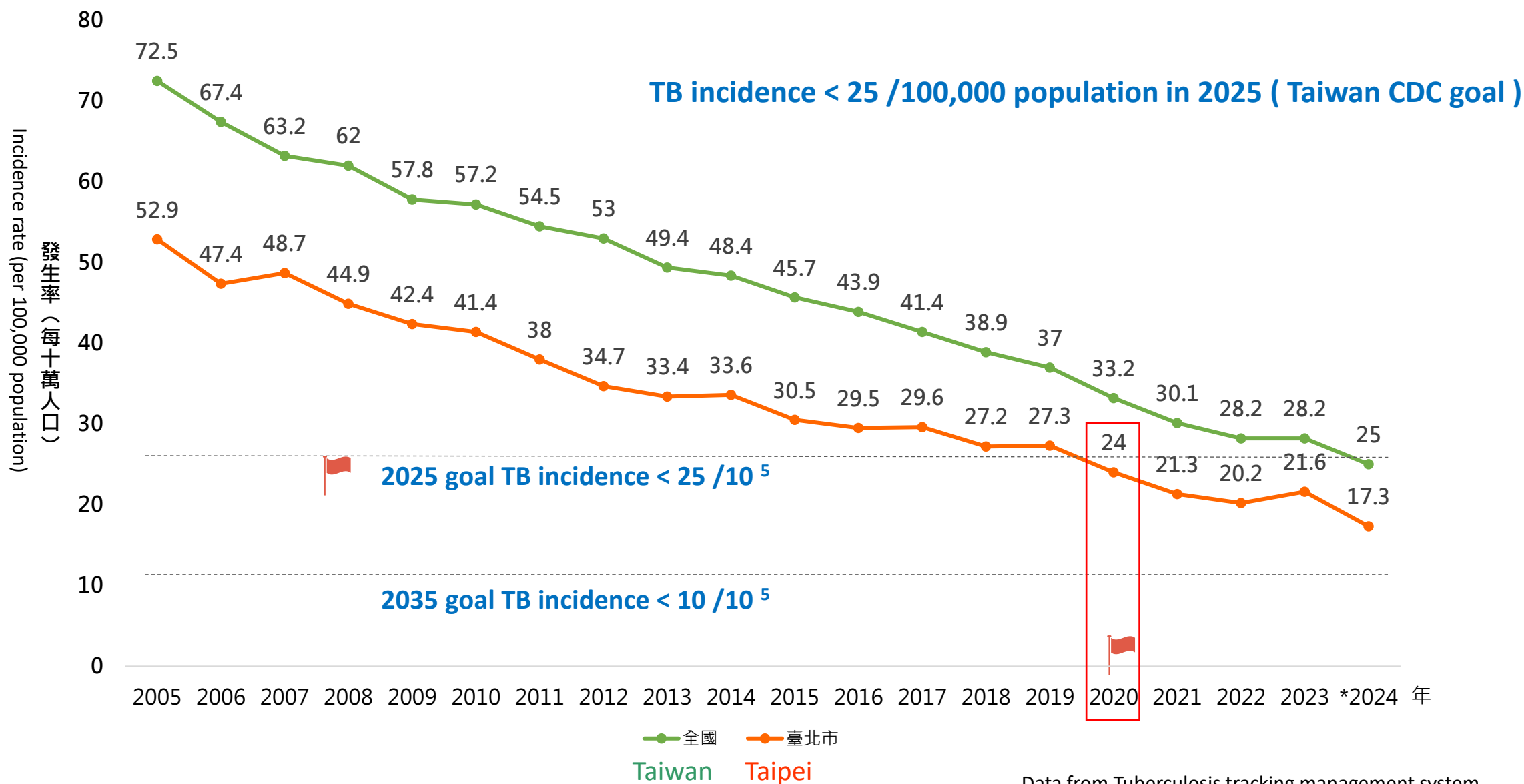
TB incidence rate in Taipei



The incidence and number of confirmed cases of tuberculosis in 2024 are estimates. 5

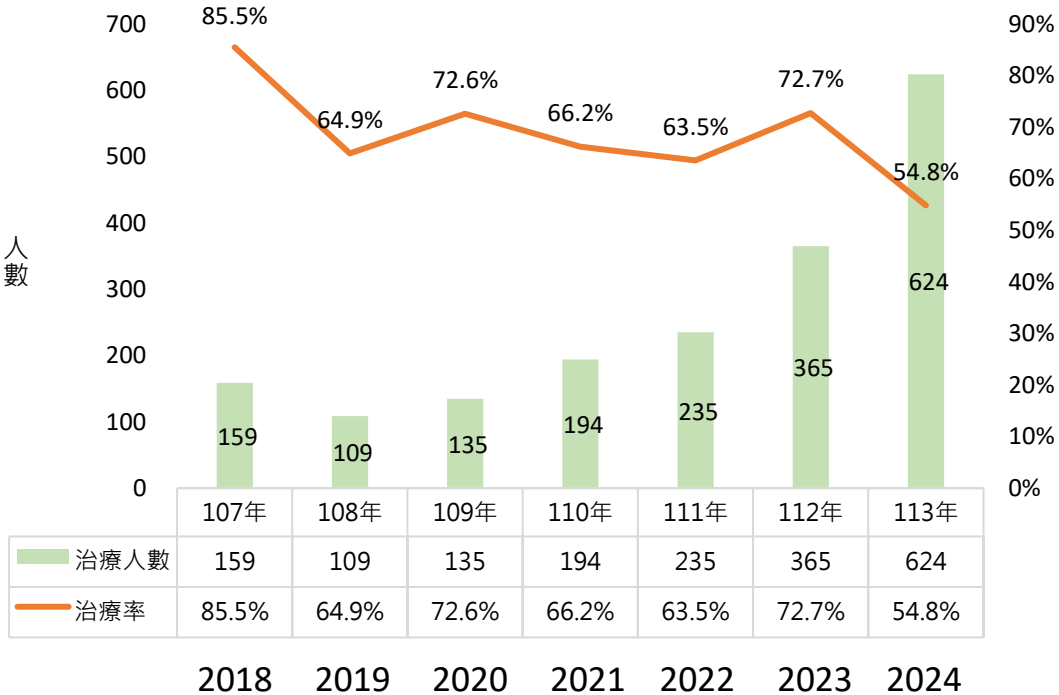
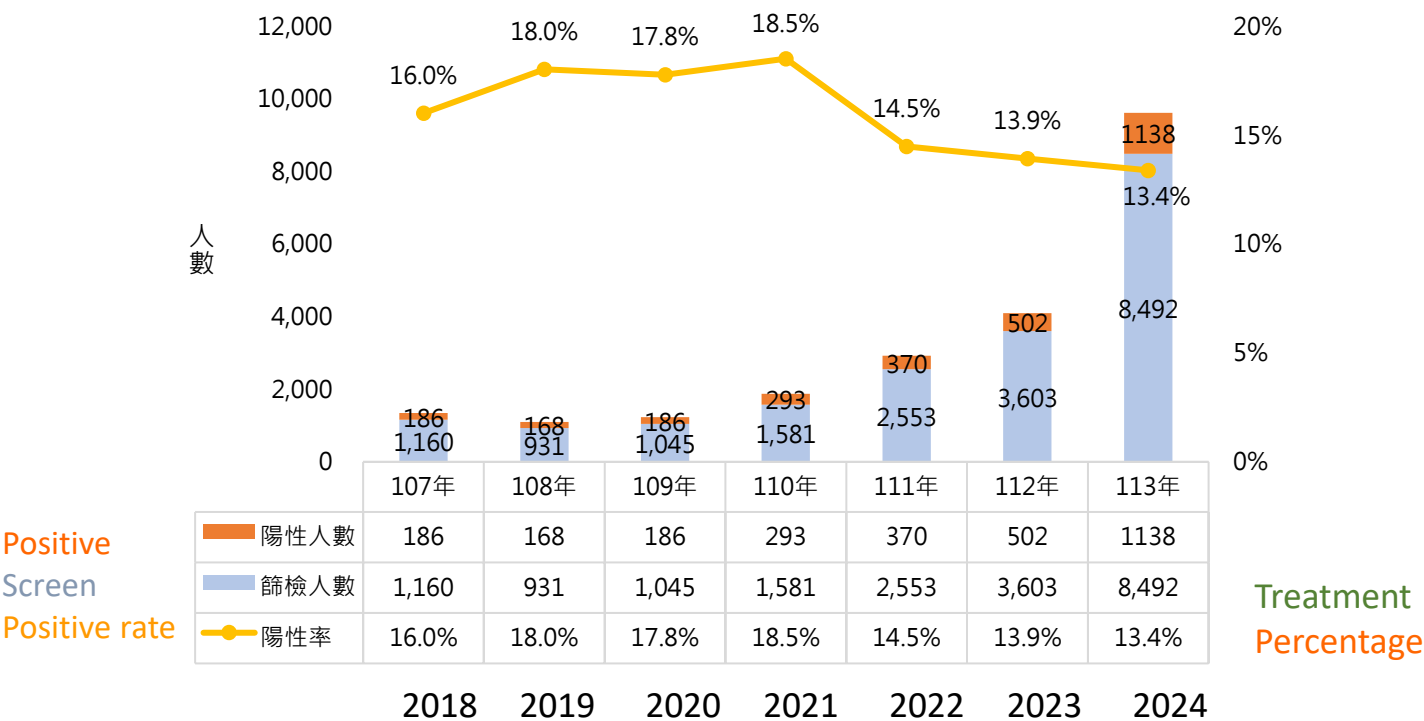
Data from Tuberculosis tracking management system.

TB incidence rate in Taipei and Taiwan



Screen and treatment of latent tuberculosis infection

The positive rate of the latent TB infection is around 12-18%, increase screen and treatment cases in 2024 (total treatment cases 1,197 during 2018-2023)



Screen

Treatment

Summary

- The prevention policies during COVID-19 pandemic restrict personal contact and avoid further transmission of HIV and TB, but, also limit the screen and diagnosis of the diseases.
- After deregulation of the prevention measures, the new cases increase gradually because of chronic clinical course.
- Keep the prevention and control strategies of the HIV and TB. Observe the epidemiology curve of the new cases.



Thanks for your listening

