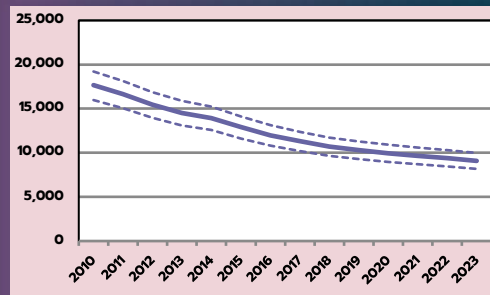


State of HIV Epidemic in Thailand in 2023

Estimation of the HIV/AIDS epidemic



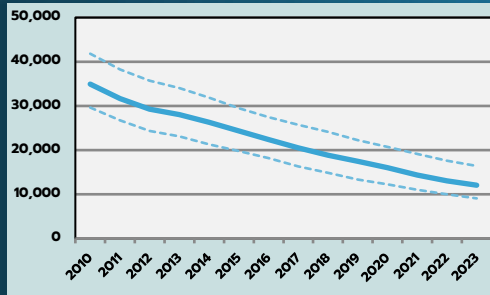
New HIV infections



The number of new HIV infections has decreased by

from baseline 2013

37%



AIDS-related deaths



The number of AIDS-related deaths has decreased by

from baseline 2013

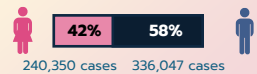
57%

Overall Situation As of the end of 2023

People Living with HIV

576,397 cases

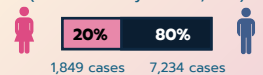
Child (< 15 years) : 1,868
Adult (≥ 15 years) : 574,529
(Youth 15-24 years : 27,000)



New HIV cases

9,083 cases/year

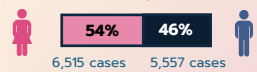
Child (< 15 years) : 51
Adult (≥ 15 years) : 9,032
(Youth 15-24 years : 4,236)



AIDS-related deaths

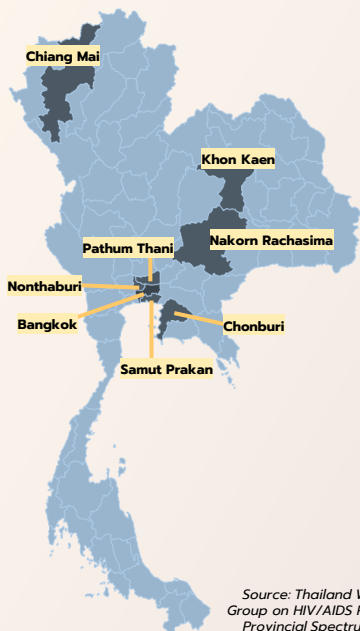
12,072 cases/year

Child (< 15 years) : 86
Adult (≥ 15 years) : 11,986
(Youth 15-24 years : 257)



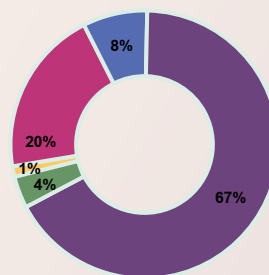
50% of new HIV cases are in 8 provinces including

Bangkok, Chonburi, Nonthaburi, Chiang Mai, Khon Kaen, Pathum Thani, Samut Prakan and Nakorn Rachasima.



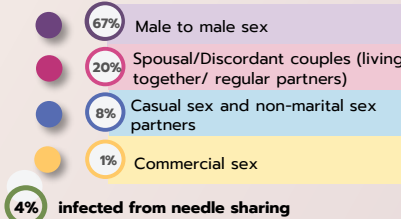
Source: Thailand Working Group on HIV/AIDS Projection, Provincial Spectrum-AEM, Project on May 21st, 2020

Mode of HIV transmission among adults



Source: AEM, Project on February 14th, 2024

96% of new infections are caused by unprotected sex among



Results of the HIV sentinel surveillance

Population-based surveillance	Prevalence	Condom used*	Year
o Woman attending antenatal clinics (ANC)	0.5%		2023
o Male conscripts	0.8%		2022
o Vocational students		80.3%	2019
o Men who have sex with men (MSM)	1.7%	86.4%	2022
o Transgender woman (TGW)	2.2%	79.5%	2022
o Male sex workers (MSW)	4.2%	94.7%	2022
o Venue based Female sex workers (FSW)	0.7%	80.6%	2018
o Non-venue based Female sex workers (FSW)	1.1%	82.1%	2021
o People who inject drugs (PWID)	8.2%	32.6%	2022

* Condom used at last sex

Source: Division of Epidemiology, DDC Thailand

Mother-to-child HIV transmission rate

1.72%

Discriminatory attitudes towards People Living with HIV

27.9%

The Thailand Multiple Indicator Cluster Survey (MICS) conducted in 2019

Thailand's progress towards ending AIDS in 2023

HIV PREVENTION



98.8%

of pregnant women living with HIV received antiretroviral treatment to prevent mother-to-child transmission of HIV.



97.3%

of infant born to HIV-infected mother received a virological test for HIV within 2 months of birth.



15 million

people received HIV-testing and know the results, of whom 321,581 were young people aged 15-24 years (21%).

Coverage

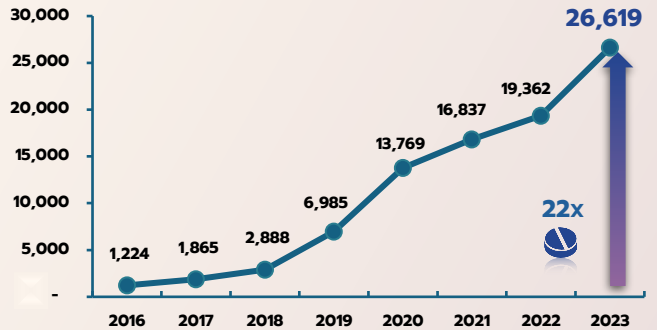
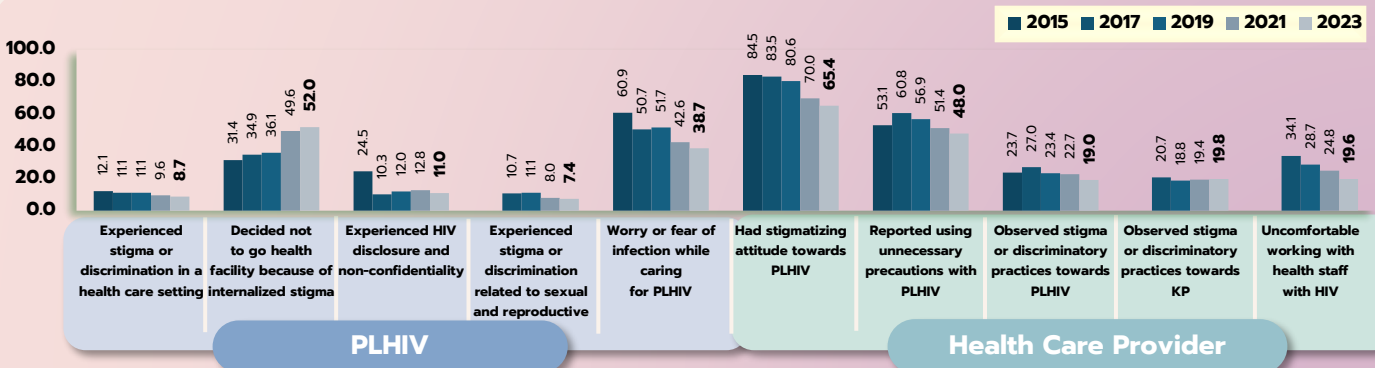


Coverage of HIV and STD prevention outreach services among key affected populations

Key populations	Number of reached	coverage (%)*
MSM	156,733	80.5
TGW	11,658	19.5
MSW	8,059	58.7
FSW	34,733	51.8
PWID	29,804	51.7

*coverage among the estimated number of key populations

National estimates for S&D in health care setting



Number of people received oral pre-exposure prophylaxis (PrEP) increase about 22 times from 2016 to 2023.

HIV TESTING AND TREATMENT CASCADE

Progress towards 95-95-95 targets

