



State of HIV Epidemic in Thailand in 2020

Overall Situation As of the end of 2020

People living with HIV
501,105

Child (< 15 years): 2,406
 Adult (≥ 15 years): 498,699
 Women : 217,765
 Men : 283,340

New HIV cases
6,628 cases/year

Child (< 15 years): 55
 Adult (≥ 15 years): 6,573
 Women: 1,446
 Men: 5,182

Mother-to-child HIV transmission rate



1.65 %

HIV-related deaths
12,115 cases/year

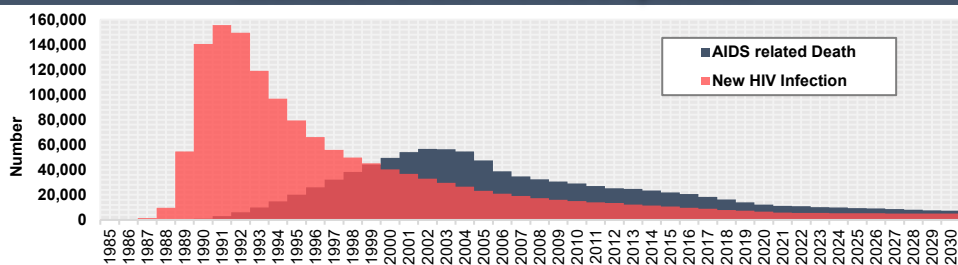
Child (< 15 years): 117
 Adult (≥ 15 years): 11,998
 Women: 6,181
 Men: 5,934



**Discriminatory
attitudes toward
People Living
with HIV
58.6%**

A national survey
conducted in 2014

Estimation of the HIV/AIDS epidemic



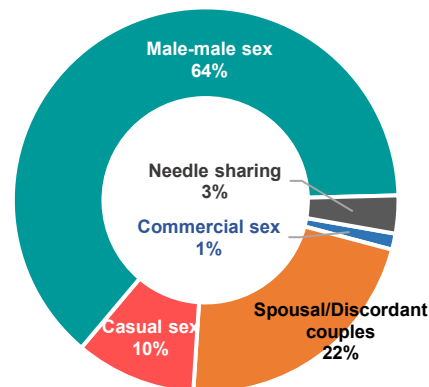
Source: Thailand Working Group on HIV/AIDS Projection, Thailand Spectrum-AEM, Project on April, 19th 2021



50% of new HIV cases are in 9 provinces including Bangkok, Chonburi, Nonthaburi, Chiang Mai, Khon Kaen, Pathum Thani, Samut Prakan, Nakorn Rachasima and Chiang Rai.

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 April, 19th 2021

- **97% of new infections are caused by unprotected sex among**
 - Male to male sex: 64%
 - Commercial sex: 1%
 - Casual sex and non-marital sex partners: 10%
 - Spousal/Discordant couples (living together/regular partners): 22%
- **3% infected from needle sharing**

Results of the HIV sentinel surveillance

Population-based surveillance	Prevalence	Year
○ Woman attending antenatal clinics (ANC)	0.5%	2019
○ Male conscripts	0.7%	2019
○ Men who have sex with men (MSM)	7.3%	2020
○ Transgender woman (TGW)	4.2%	2020
○ Male sex workers (MSW)	3.8%	2018
○ Venue based Female sex workers (FSW)	0.7%	2018
○ Non-venue based Female sex workers (FSW)	2.8%	2019
○ People who inject drugs (PWID)	7.8%	2020



Thailand's progress towards ending AIDS in 2020

HIV prevention

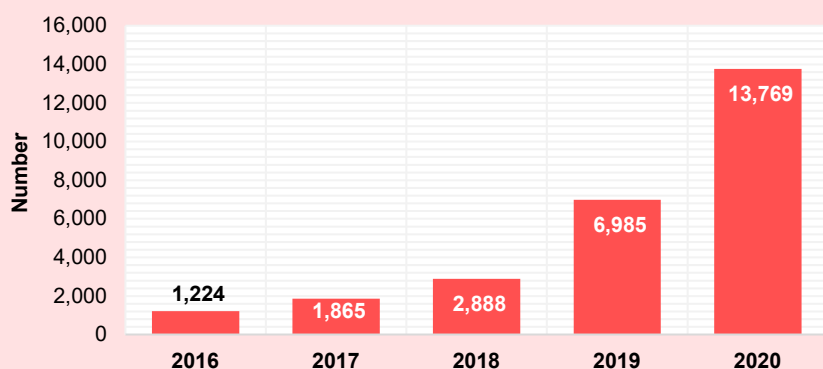
- 98% of pregnant women living with HIV received antiretroviral treatments to prevent mother-to-child transmission of HIV.
- 97.7% of infant born to HIV-infected mother received a virological test for HIV within 2 months of birth.

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

Key populations	Number of reached	coverage (%)*
MSM	103,363	64.8%
TGW	11,389	44.8%
MSW	7,190	28%
FSW	29,751	23%
PWID	10,042	23.5%

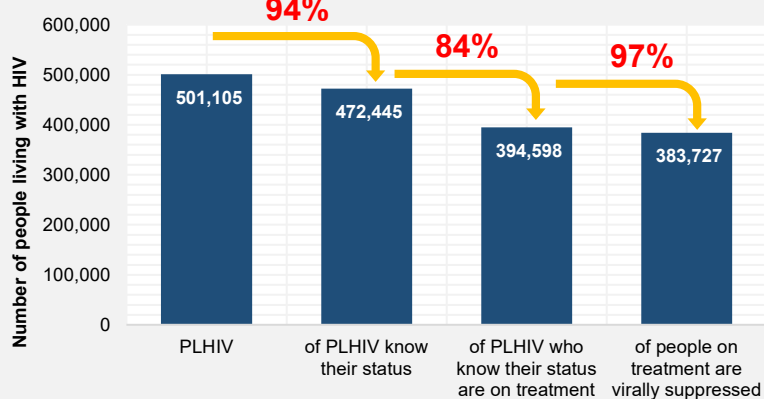
*coverage among the estimated number of key populations

People received oral pre-exposure prophylaxis (PrEP)



In 2020, 13,769 people received oral pre-exposure prophylaxis (PrEP) to prevent the acquisition of HIV infection.

HIV care and treatment



- 1,253,070 people received HIV-testing and know the results, of whom 193,784 were the key affected populations.
- 94% of PLHIV knew their status.
- 84% of PLHIV who knew their status received antiretroviral treatment.
- 97% of PLHIV received ART and were virally suppressed.



For additional information, please visit

hivhub.ddc.moph.go.th

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Provided by Division of AIDS and STIs, DDC, MoPH