



State of HIV Epidemic in Thailand in 2021

Overall Situation As of the end of 2021

People living with HIV
520,345

Child (< 15 years) : 2,003
 Adult (≥ 15 years) : 518,342
 (Youth 15-24 years: 22,985)
 Women : 219,020
 Men : 301,325

New HIV cases
6,485 cases / year

Child (< 15 years) : 49
 Adult (≥ 15 years) : 6,436
 (Youth 15-24 years: 3,205)
 Women : 1,512
 Men : 4,973

Mother-to-child HIV transmission rate



1.61%

HIV-related deaths
9,322 cases / year

Child (< 15 years) : 96
 Adult (≥ 15 years) : 9,226
 (Youth 15-24 years: 210)
 Women : 4,668
 Men : 4,654

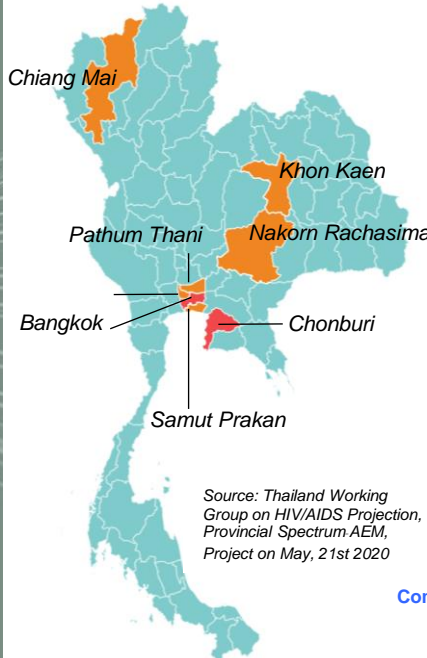
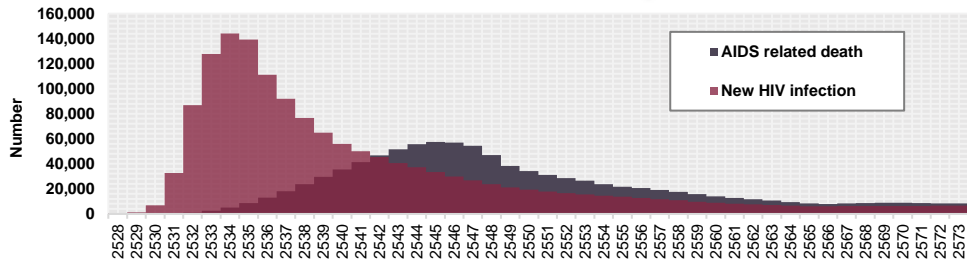


Discriminatory attitudes toward People Living with HIV

48.6%

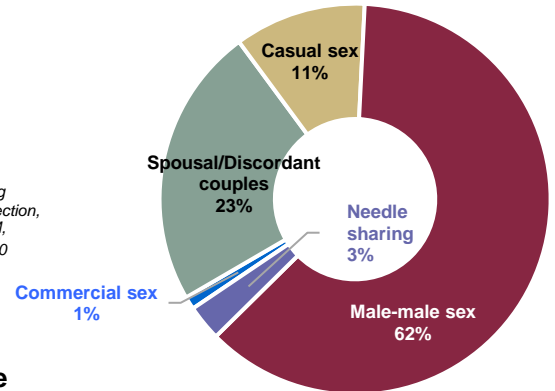
A national survey conducted in 2019-2020

Estimation of the HIV/AIDS epidemic



50% of new HIV cases are in 8 provinces including Bangkok, Chonburi, Nonthaburi, Chiang Mai, Khon Kaen, Pathum Thani, Samut Prakan and Nakorn Rachasima.

Mode of HIV transmission among adults



- **97% of new infections are caused by unprotected sex among**
 - Male to male sex: 62%
 - Spousal/Discordant couples (living together/regular partners): 23%
 - Casual sex and non-marital sex partners: 11%
 - Commercial sex: 1%
- **3% infected from needle sharing**

Results of the HIV sentinel surveillance

| Population-based surveillance | Prevalence | Condom used* | Year |
|---|------------|--------------|------|
| o Woman attending antenatal clinics (ANC) | 0.5% | | 2019 |
| o Male conscripts | 0.7% | | 2019 |
| o Vocational students | | 80.3% | 2019 |
| o Men who have sex with men (MSM) | 7.3% | 77.8% | 2020 |
| o Transgender woman (TGW) | 4.2% | 78.8% | 2020 |
| o Male sex workers (MSW) | 3.8% | 90.3% | 2018 |
| o Venue based Female sex workers (FSW) | 0.7% | 80.6% | 2018 |
| o Non-venue based FSW | 1.1% | 82.1% | 2021 |
| o People who inject drugs (PWID) | 7.8% | 39.6% | 2020 |

* Condom used at last sex

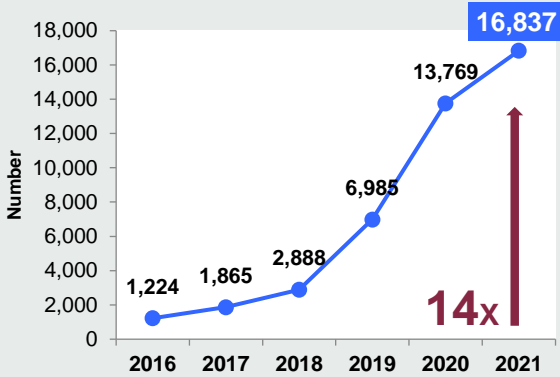
Source: Division of Epidemiology, DDC Thailand



Thailand's progress towards ending AIDS in 2021

HIV prevention

- 98% of pregnant women living with HIV received antiretroviral treatments to prevent mother-to-child transmission of HIV.
- 92.2% of infant born to HIV-infected mother received a virological test for HIV within 2 months of birth.
- Number of people received oral pre-exposure prophylaxis (PrEP) increase about 14 times from 2016 to 2021.



- 1,212,200 people received HIV testing and know the results, of whom 260,826 were young people aged 15-24 (21.5%).

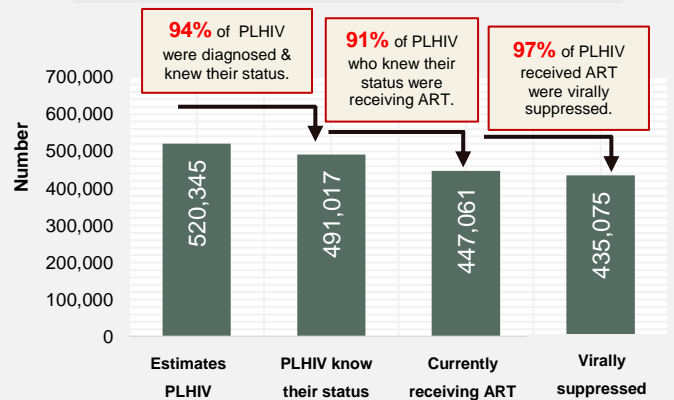
Coverage of HIV and STD prevention outreach services among key affected populations

| Key populations | Number of reached | coverage (%)* |
|-----------------|-------------------|---------------|
| MSM | 122,509 | 77.6 |
| TGW | 10,945 | 17.5 |
| MSW | 6,285 | 23.9 |
| FSW | 19,822 | 15.4 |
| PWID | 13,656 | 32.0 |

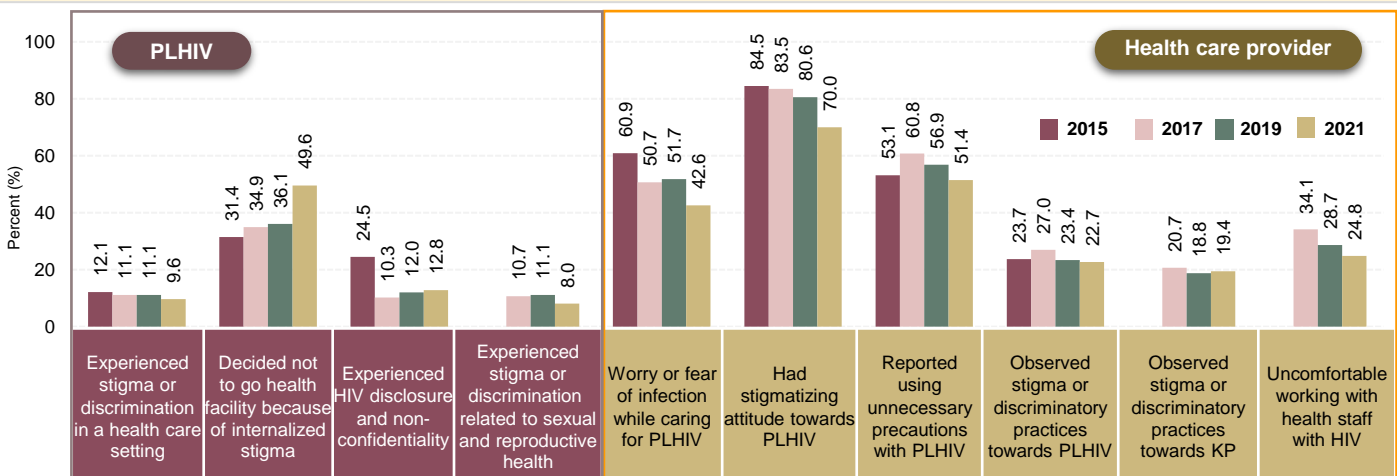
*coverage among the estimated number of key populations

HIV care and treatment

Progress towards 95-95-95 targets



National estimates for S&D in health care setting



For additional information, please visit

hivhub.ddc.moph.go.th

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