

Division of AIDS and STIs	Estimation of the HIV/AIDS epidemic		
Overall Situation As of the end of 2021 People living with HIV	160,000 140,000 120,000 100,000 80,000 40,000 20,000		
520,345	0 0 0 0 0 0 0 0 0 0 0 0 0 0		
Child (< 15 years) : 2,003	Source: Thailand Working Group on HIV/AIDS Projection, Thailand Spectrum AEM, Project on April, 22rd 2022		
Adult (≥ 15 years) : 518,342 (Youth 15-24 years: 22,985) Women : 219,020	Chiang Mai Chiang Mai Chiang Mai, Khon Kaen, Pathum Thani, Samut Prakan and Nakorn Rachasima.		
Men : 301,325	Khon Kaen		
New HIV cases 6,485 cases / year	Pathum Thani Nakom Rachasima Mode of HIV transmission among adults		
Child (< 15 years) : 49	Bangkok Chonburi Casual sex		
Adult (≥ 15 years) : 6,436	Samut Prakan		
(Youth 15-24 years: 3,205)	Spousal/Discordant		
Women : 1,512	Source: Thailand Working Group on HIV/AIDS Projection, Provincial Spectrum AEM,		
Men : 4,973	Project on May, 21st 2020		
Mother-to-child HIV transmission rate () 1.61%	 Commercial sex 1% Male-male sex 62% 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% 		
HIV-related deaths			
HIV-related deaths 9,322 cases / year	 Casual sex and non-mantal sex partners: 11% Commercial sex: 1% 3% infected from needle sharing 		
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9,322 cases / year Child (< 15 years) : 96 Adult (≥ 15 years) : 9,226	 Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance 		
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9,322 cases / year Child (< 15 years) : 96 Adult (≥ 15 years) : 9,226 (Youth 15-24 years: 210) Women : 4,668	Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance Population-based surveillance Prevalence Condom used* Year Vear Woman attending antenatal clinics (ANC)		
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9,322 cases / year Child (< 15 years) : 96 Adult (≥ 15 years) : 9,226 (Youth 15-24 years: 210) Women : 4,668	 Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance Population-based surveillance Prevalence Condom used* Year Woman attending antenatal clinics (ANC) 0.5% 2019 Male conscripts 0.7% 		
9,322 cases / year Child (< 15 years) : 96 Adult (≥ 15 years) : 9,226 (Youth 15-24 years: 210) Women : 4,668 Men : 4,654	 Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance Population-based surveillance Prevalence Condom used* Year Woman attending antenatal clinics (ANC) 0.5% 2019 Male conscripts 0.7% 80.3% 2019 		
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	 Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance Population-based surveillance Prevalence Condom used* Year Woman attending antenatal clinics (ANC) 0.5% 2019 Male conscripts 0.7% 80.3% 2019 Men who have sex with men (MSM) 7.3% 77.8% 2020 		
9,322 cases / year Child (< 15 years) : 96 Adult (≥ 15 years) : 9,226 (Youth 15-24 years: 210) Women : 4,668 Men : 4,654	 Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance Population-based surveillance Prevalence Condom used* Year Woman attending antenatal clinics (ANC) 0.5% 2019 Male conscripts 0.7% 2019 Vocational students Men who have sex with men (MSM) T.3% Transgender woman (TGW) 4.2% T8.8% 		
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	 Commercial sex: 1% 3% infected from needle sharing Results of the HIV sentinel surveillance Population-based surveillance Prevalence Condom used* Year Woman attending antenatal clinics (ANC) 0.5% 2019 Male conscripts 0.7% 2019 Vocational students 80.3% 2019 Men who have sex with men (MSM) 7.3% 77.8% 2020 Transgender woman (TGW) 4.2% 78.8% 2021 Male sex workers (MSW) 3.8% 90.3% 2018 		

State of HIV Epidemic in Thailand in 2021

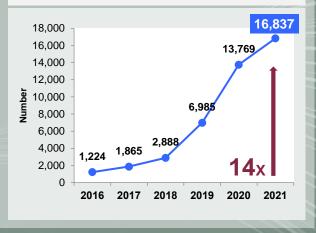
The Thailand Multiple Indicator Cluster Survey (MICS) conducted in 2019



Thailand's progress towards ending AIDS in 2021

HIV prevention

- 98% of pregnant women living with HIV received antiretroviral treatments to prevent mother-tochild 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.



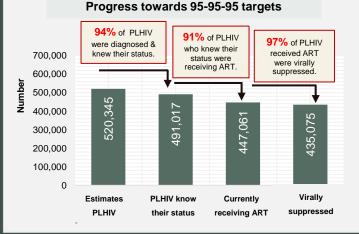
 1,212,200 people received HIV testing and know the results, of whom 260,826 were young people aged 15-24 (21.5%).

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



84.5 83.5 80.6 100 Health care provider PLHIV 70.07 80 60.8 56.9 51.4 60.9 2017 2019 2021 2015 50.7 51.7 .6 49.6 53.1 60 Percent (%) 31.4 34.9 36.1 34. 28.7 24.8 ŝ 40 23.7 27.(23.4 22.7 2 20.7 18.8 19.4 12.0 12.8 0.3 È 11.1 10.7 Ē <u>ci</u> 20 8.0 0 Experienced Experienced Decided not Reported Observed Observed Experienced stigma or Worrv or fear Had Uncomfortable stigma or to go health usina stigma or stigma or of infection stigmatizing working with HV disclosure discrimination discrimination acility becaus unnecessarv discriminatory discriminatory and nonrelated to sexual while caring attitude towards health staff n a health care of internalized precautions practices practices confidentialitv and reproductive for PLHIV PLHIV with HIV setting stigma with PLHIV towards PLHIV towards KP health

National estimates for S&D in health care setting



For additional information, please visit

Telephone: 0 2590 3828 Provided by Division of AIDS and STIs, DDC, MoPH

hivhub.ddc.moph.go.th