

Country factsheets
ESTONIA | 2018

HIV and AIDS Estimates

Adults and children living with HIV	7400 [6600 - 8200]
Adults aged 15 and over living with HIV	7300 [6600 - 8200]
Women aged 15 and over living with HIV	2600 [2300 - 2900]
Men aged 15 and over living with HIV	4800 [4100 - 5300]
Children aged 0 to 14 living with HIV	... [... - ...]
Adult aged 15 to 49 HIV prevalence rate	0.9 [0.7 - 0.9]
Women aged 15 to 49 HIV prevalence rate	0.6 [0.5 - 0.6]
Men aged 15 to 49 HIV prevalence rate	1.1 [0.9 - 1.2]
HIV prevalence among young women	0.1 [<0.1 - 0.1]
HIV prevalence among young men	0.1 [<0.1 - 0.2]
Adults and children newly infected with HIV	<500 [<500 - <500]
Adults aged 15 and over newly infected with HIV	<500 [<500 - <500]
Women aged 15 and over newly infected with HIV	<100 [<100 - <200]
Men aged 15 and over newly infected with HIV	<200 [<200 - <500]
Children aged 0 to 14 newly infected with HIV	... [... - ...]
HIV incidence per 1000 population (adults 15-49)	0.50 [0.44 - 0.47]
HIV incidence per 1000 population (all ages)	0.23 [0.19 - 0.27]
Adult and child deaths due to AIDS	<100 [<100 - <200]
Deaths due to AIDS among adults aged 15 and over	<100 [<100 - <200]
Deaths due to AIDS among women aged 15 and over	<100 [<100 - <100]

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Deaths due to AIDS among men aged 15 and over	<100 [<100 - <100]
Deaths due to AIDS among children aged 0 to 14	... [... - ...]
Orphans due to AIDS aged 0 to 17	... [... - ...]

Epidemic transition metrics

Percent change in new HIV infections since 2010	-10
Percent change in AIDS-related deaths since 2010	-50
Incidence : prevalence ratio	4.06
Incidence : mortality ratio	2.74

HIV testing and treatment cascade

People living with HIV	7400 [6600 - 8200]
People living with HIV who know their status	6100
Percent of people living with HIV who know their status	83 [74 - 92]
People living with HIV who are on ART	4300
Percent of people living with HIV who are on ART	59 [53 - 66]
People living with HIV who have suppressed viral loads	3900
Percent of people living with HIV who have suppressed viral loads	53 [48 - 59]

Antiretroviral therapy (ART)

Coverage of adults and children receiving ART (%)	59 [53 - 66]
Adults aged 15 and over receiving ART	59 [53 - 65]

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Women aged 15 and over receiving ART	67 [59 - 74]
Men aged 15 and over receiving ART	55 [47 - 61]
Children aged 0 to 14 receiving ART	... [... - ...]
Number of adults and children receiving ART (#)	4345
Adults aged 15 and over receiving ART	4316
Women aged 15 and over receiving ART	1726
Men aged 15 and over receiving ART	2590
Children aged 0 to 14 receiving ART	...

Elimination of mother-to-child transmission

Coverage of pregnant women who receive ARV for PMTCT (%)	... [... - ...]
Pregnant women who received ARV for PMTCT (#)	...
Pregnant women needing ARV for PMTCT (#)	... [... - ...]
New HIV infections averted due to PMTCT (%)	... [... - ...]
Number of HIV-exposed children who are uninfected	... [... - ...]

Sex workers

Population size estimate (#)	1000	Region: Tallin; Method: Expert opinion
HIV prevalence (%)	6.2	
Condom use (%)	96.7	

Men who have sex with men

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Population size estimate (#)	9000	Region: National; Method: Mathematical modelling; Source: Marcus U, Hickson F, Weatherburn P, Schmidt AJ and the EMIS Network. Estimating the size of the MSM populations for 38 European countries by calculating the surveillance discrepancies (SSD) between self-reported new HIV diagnoses from the European MSM internet survey (EMIS) and surveillance reported HIV diagnoses among MSM in 2009. BMC Public Health 2013, 13:919.
HIV prevalence (%)	5.5	Source: EMIS 2017 (European MSM Internet Survey)
Knowledge of HIV status (%)	58.8	Source: EMIS 2017 (European MSM Internet Survey)
Condom use (%)	53.9	Source: Internet study

People who inject drugs

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Population size estimate (#)	8600	Region: National; Method: Maximum likelihood and Bayesian approaches; Source: Raag M, Vorobjov S, Uusküla A. Prevalence of injecting drug use in Estonia 2010-2015: a capture-recapture study. Harm Reduct J 2019;16(1):19. doi: 10.1186/s12954-019-0289-3.
HIV prevalence (%)	51.4	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019.
Knowledge of HIV status (%)	72.6	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019

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Antiretroviral therapy coverage (%)	90.6	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019
Condom use (%)	36	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019.
Safe injecting practices (%)	97.4	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019.
Needles and syringes distributed per person who injects drugs (#)	195	

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Coverage of opioid substitution therapy	13.1	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019
Hepatitis B and coinfection with HIV (%)	3.4	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019
Hepatitis C and coinfection with HIV (%)	50.6	Source: Vorobjov S, Salekešin M. HIV levimuse ja riskikäitumise uuring Narva narkootikume süstivate inimeste seas 2018. Tallinn: Tervise Arengu Instituut~ 2019

Prisoners

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Population size estimate (#)	2100	Region: National; Method: Census; Source: Prisons' programmatic data. Source: Estonian prison service yearbook, MMXVIII (https://www.vangla.ee/sites/www.vangla.ee/files/elfinder/dokumentid/vanglateenistuse_aastaraamat_2018.pdf)
HIV prevalence (%)	13	Source: ECDC 2017