

A Cycle of Transmission in South Africa

Researchers at the Africa Centre in South Africa used genetic analysis of HIV to understand the cycle of transmission of HIV in one part of the country. Men and women in each of these age groups have distinct health and prevention needs.

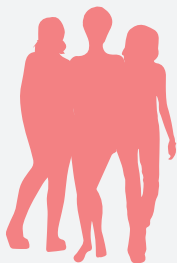
Male populations with high HIV incidence

Mean age: 27 years
(range: 23-35 years)



Men and women > 24 years usually acquire HIV from similarly aged partners

Very young women acquire HIV from men who are, on average, 8 years older



Women at high risk of HIV

Mean age: 18 years
(range: 16-23 years)



Women with high HIV prevalence

Mean age: 26 years
(range: 24-29 years)

When teen women reach their mid-20s, they continue the cycle



Source: Dellar R, Tanser F, Abdool Karim Q, et al. Manuscript in preparation.