

Meaningful Inclusion: Perspectives of Youth and Transgender People on HIV Prevention

Facilitator:

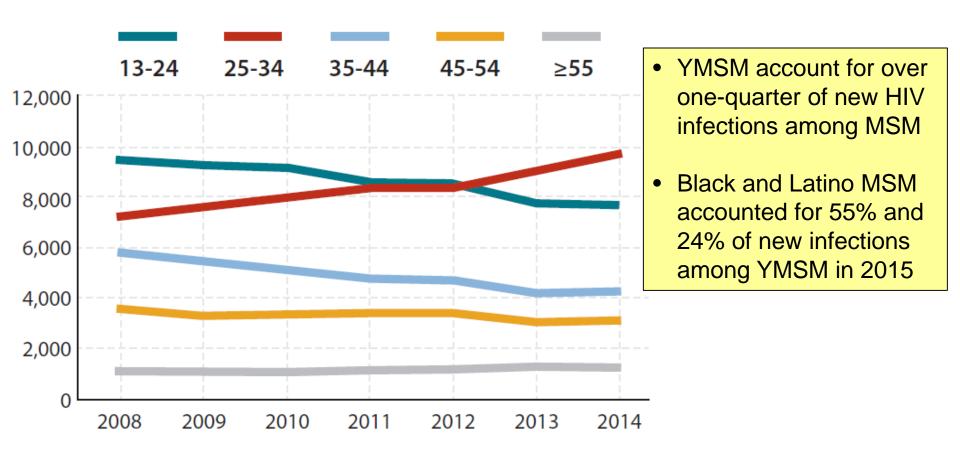
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Youth and transgender people are highly vulnerable to HIV

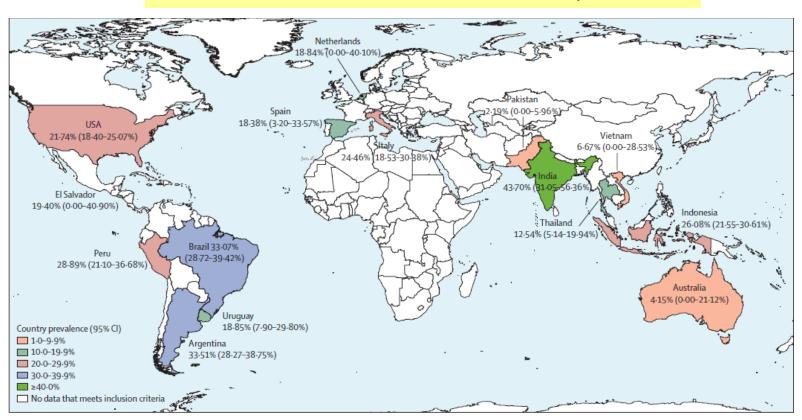
Annual HIV infections among gay/bisexual men in US



CDC Fact Sheet: HIV among Gay and Bisexual Men 2017; CDC HIV Surveillance Report 2016

Youth and transgender people are highly vulnerable to HIV

Prevalence of HIV in transwomen, 2000-11



- Transwomen are 49 times more likely to be living with HIV, compared with general pop.
- In US, Black and Latina transgender women most heavily impacted

Baral et al., Lancet ID 2013; US Transgender Survey

Youth and transgender people have amongst the lowest uptake of oral PrEP

- According to US prescription data, youth are the least likely to initiate PrEP
 - Only 11% of PrEP initiations in 2012-2016 occurring in men under 24
- PrEP awareness increasing among transwomen, but rates of use lag behind MSM
 - Among Black and Latina transwomen in Washington DC and
 Baltimore, 87% were aware of PrEP, but only 18% had ever used PrEP
 - Concerns about hormone interactions were top reason for not wanting to use PrEP

Factors influencing uptake and adherence

Structural

Access to care and coverage

Medical Mistrust

Stigma, discrimination

Economic/housing/food insecurity

Lack of education, civil rights

Social
Influence of peers, family,
social and sexual networks

Product
Safety and Efficacy
Use/delivery characteristics, cost

Individual
Knowledge & beliefs
Risk perception
Competing priorities

"Scorecard" for prevention modalities

| Modality | Efficacy | Low user burden | Low Cost | Low systemic side effects | Reversibility | Low risk of Resistance | Increases sexual pleasure | MPT (STIs, pregnancy) |
|--------------------------|----------|--------------------|-------------|------------------------------|---------------|---------------------------|---------------------------------|--------------------------|
| Daily oral PrEP | | A | A | Δ | | | | |
| On demand PrEP | | | | | | A | | |
| Injectable PrEP | ? | | | | | | | |
| PrEP implant | ? | | | | | | | |
| Vaginal ring | | | | | | | | |
| Rectal lube or insert | ? | A | | | | | | 606 |
| Rectal douche | ? | | | | | | | |
| bNAbs/ HIV Vaccine | ? | | | | | | | |