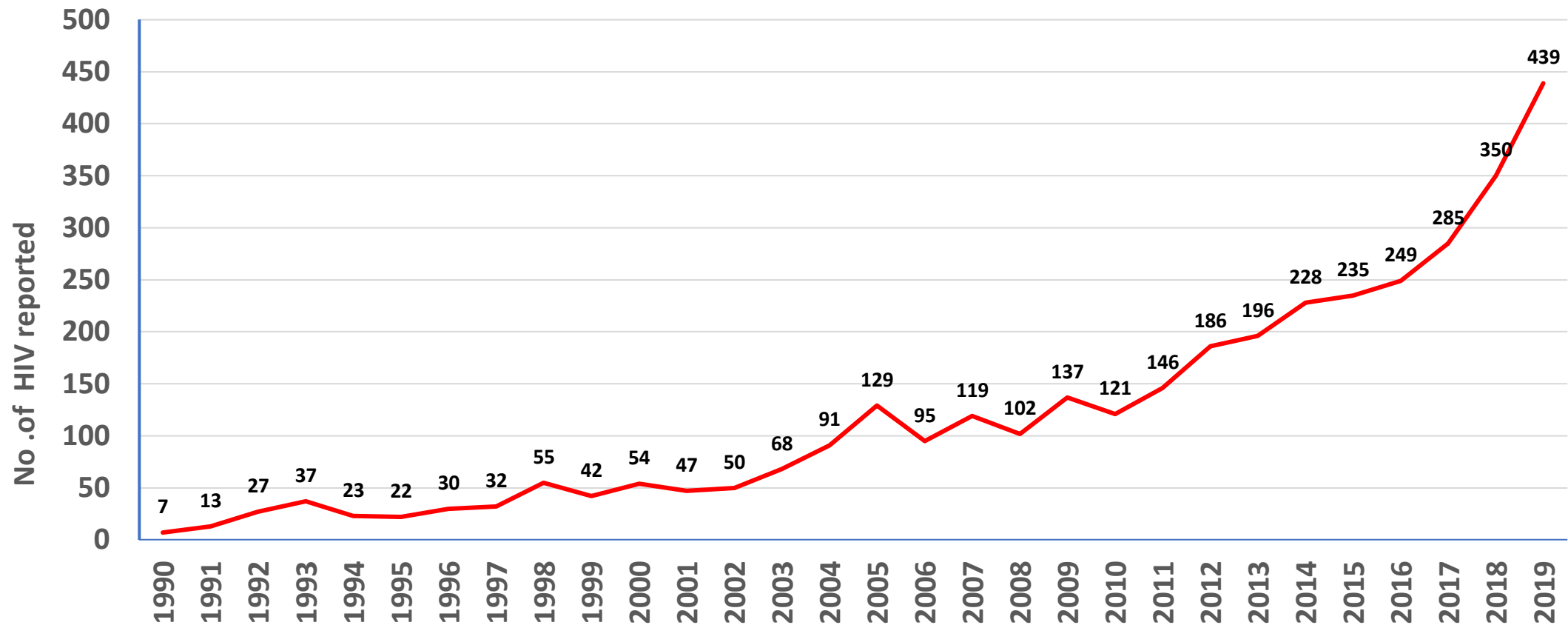

Epidemiological pattern of HIV in Sri Lanka:

Do we have to change our strategies?

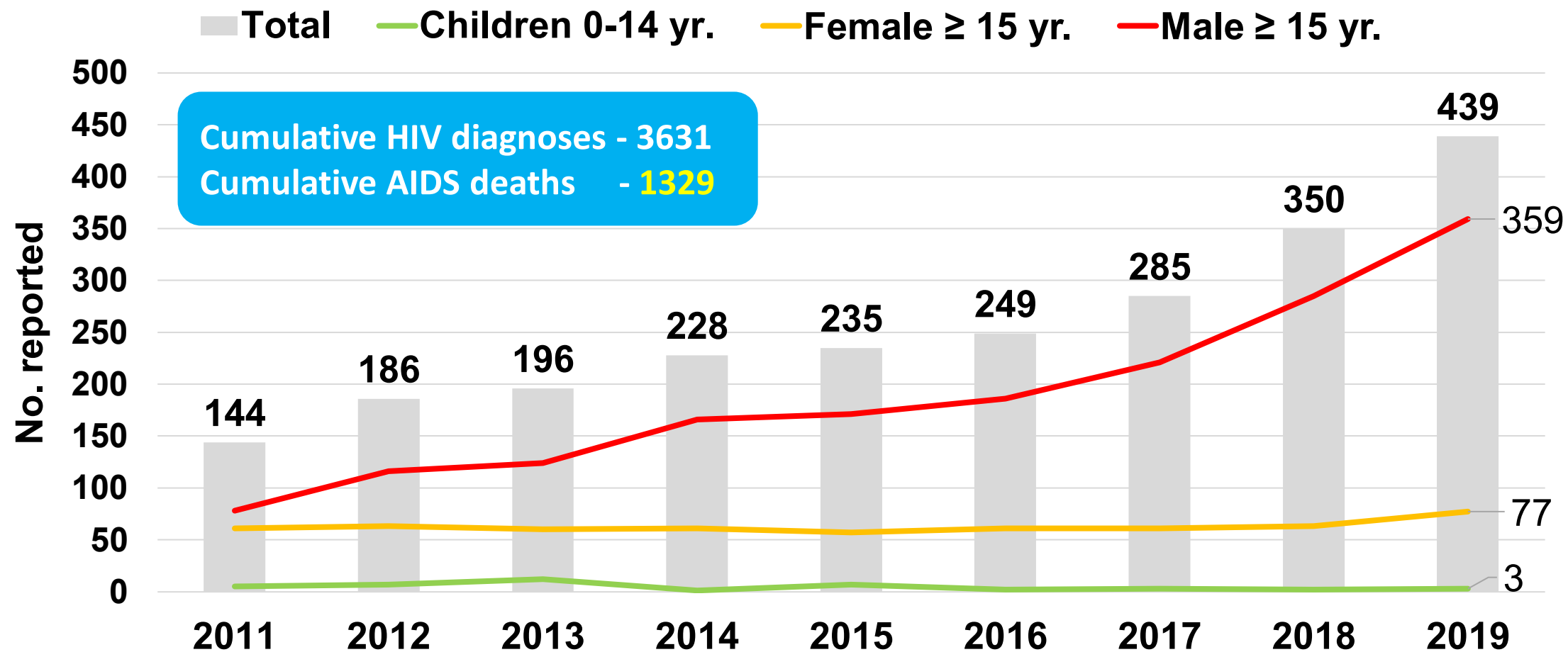
Dr **Ariyaratne Manathunge**, MSc, MD, FSLCV

Consultant Venereologist | Coordinator, Strategic Information

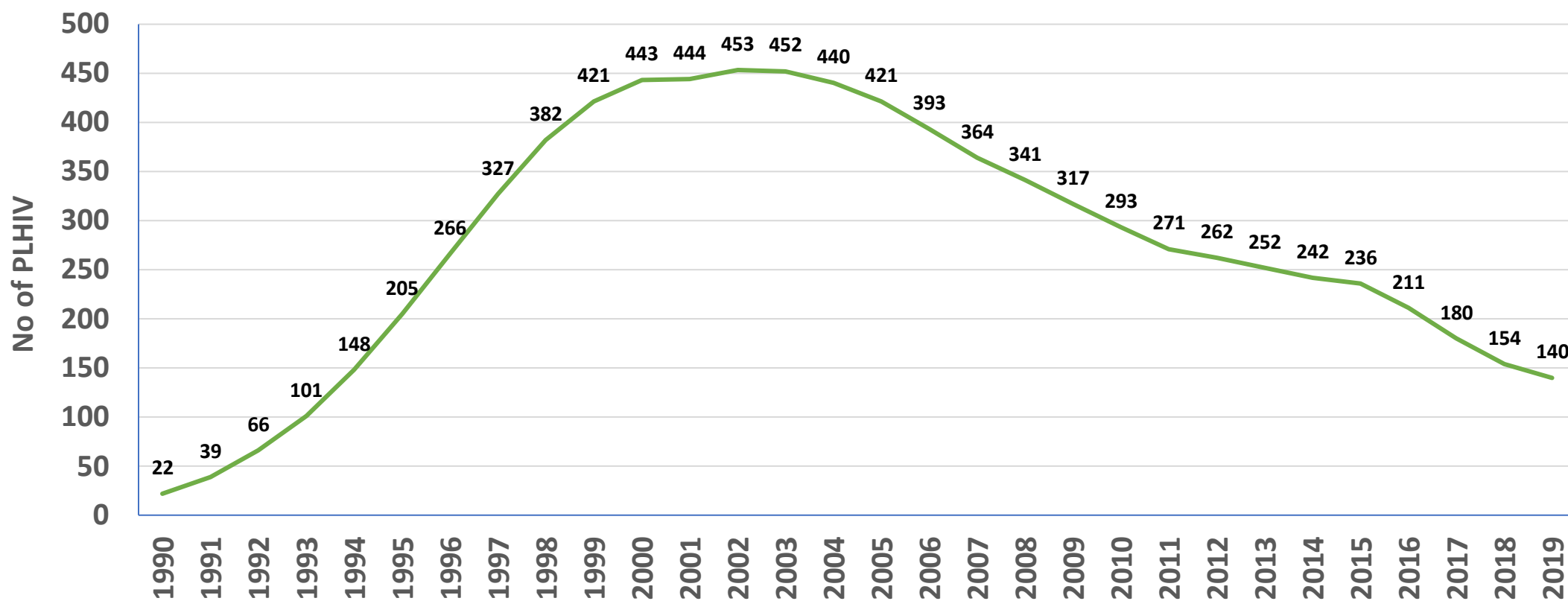
Annual HIV diagnoses 1990 - 2019



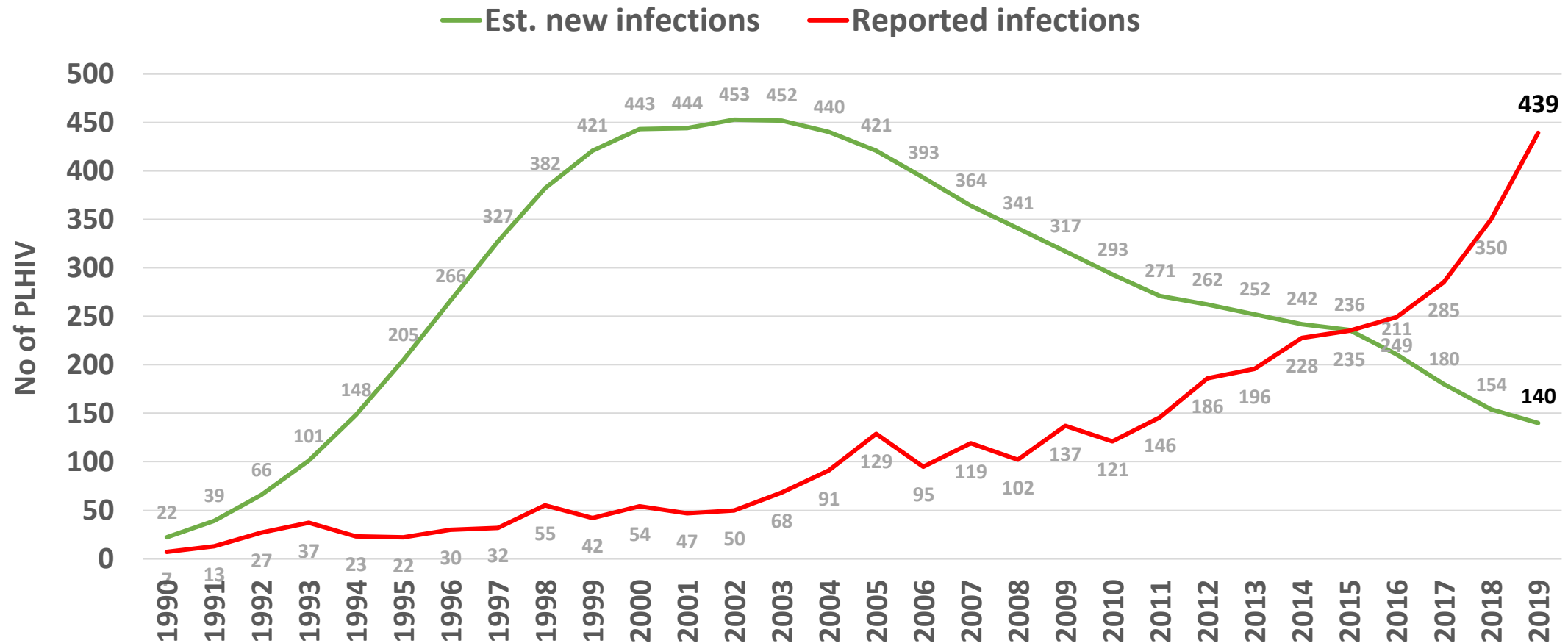
Number of annual HIV diagnoses, 2011-2019



Estimated new HIV infections 1990 - 2019



HIV diagnoses and Estimated new HIV infections 1990 - 2019



New HIV Diagnoses

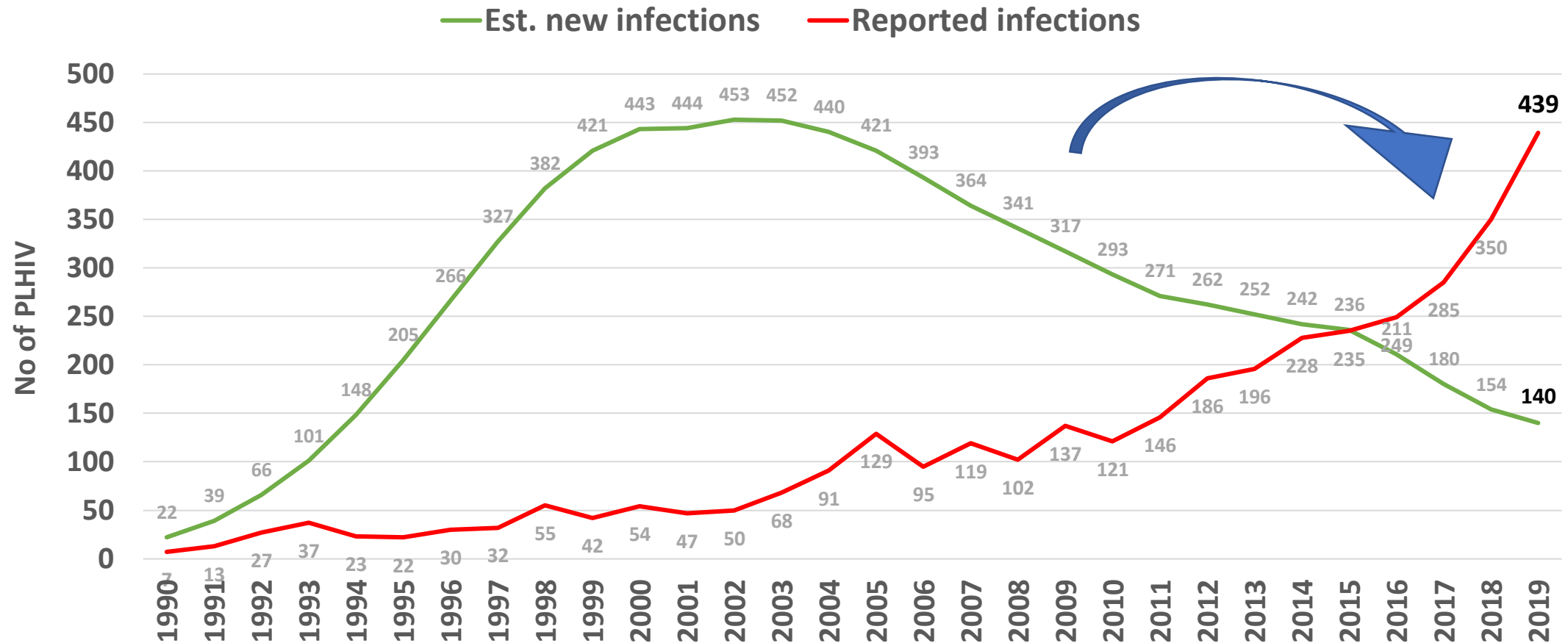
HIV diagnoses

New HIV infections in the same year



Old HIV infections in previous years

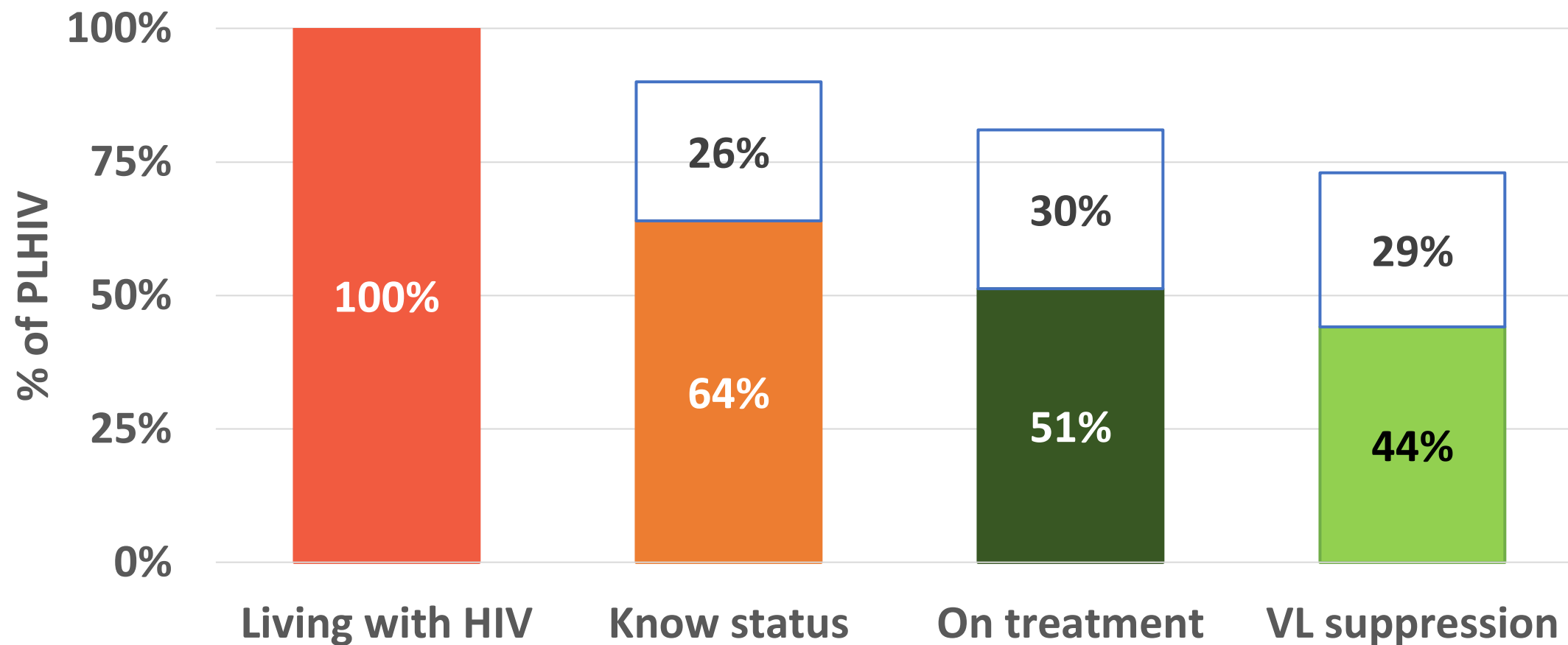
HIV diagnoses and Estimated new HIV infections 1990 - 2019



An update on PLHIV status in 2019

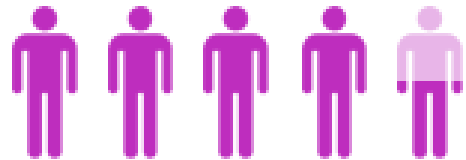
- # estimated living with HIV in 2019 - 3600 (100%)
- # diagnosed and living with HIV - 2300 (64%)
(Cumulative diagnosed-3631 – deaths-1330)
- # on ART - 1845 (51%)
- # Virally suppressed - 1588 (44%)

Cumulative HIV Cascade Analysis - 2019



90%

of all



living with HIV will know
their HIV status

90%

of all



living with HIV will receive
antiretroviral therapy

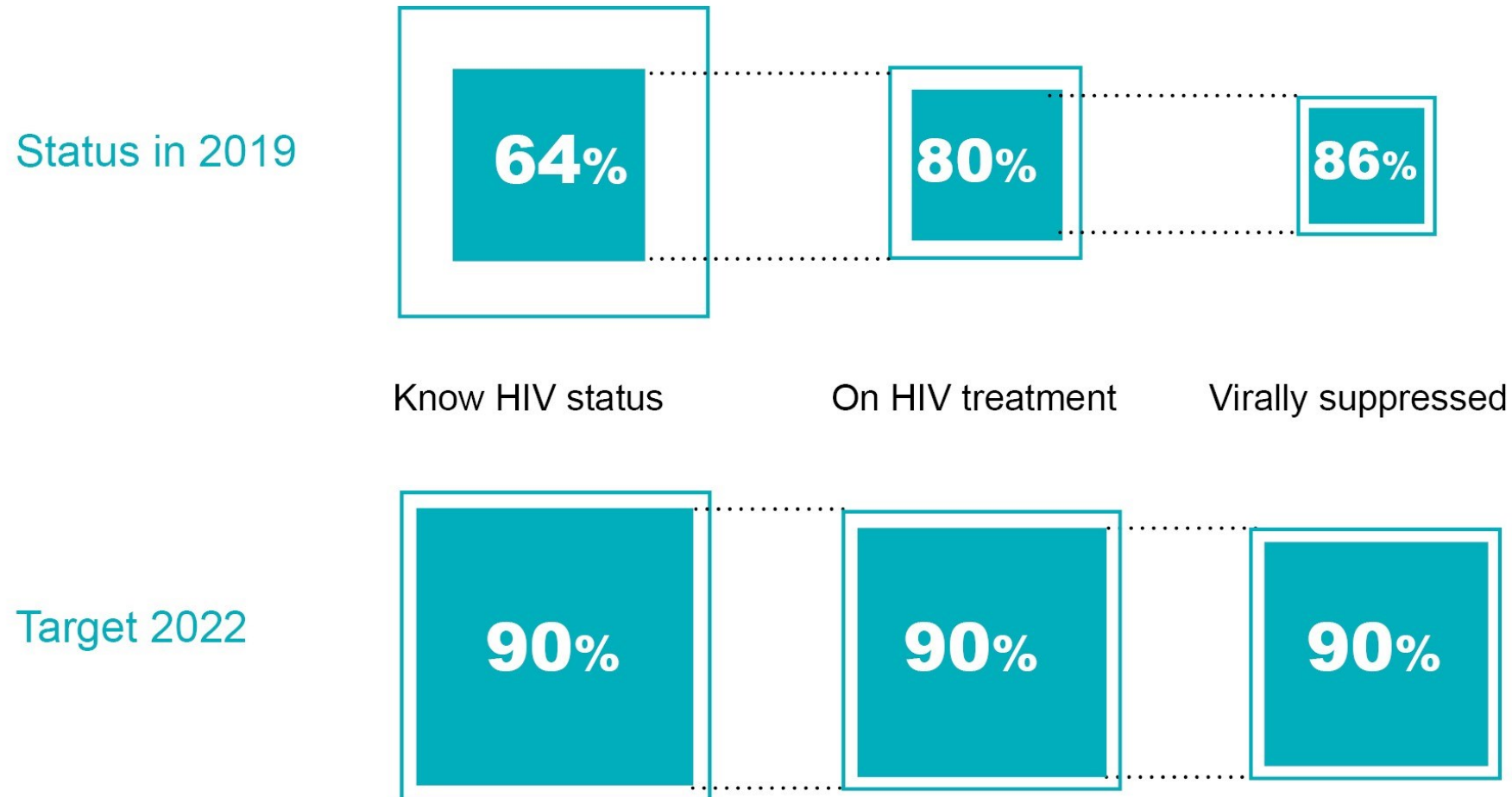
90%

of all

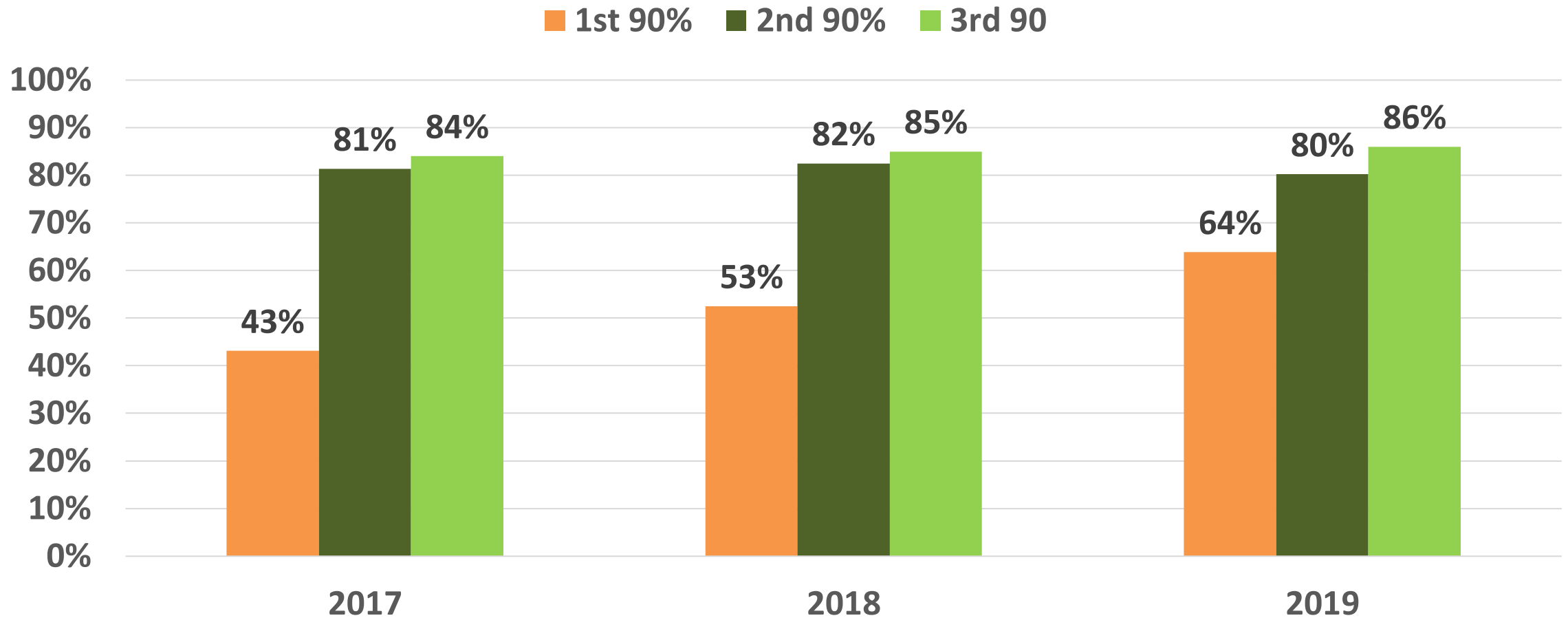


receiving antiretroviral
therapy will have viral
suppression

Status of 90-90-90 targets in 2019



Progress of 90-90-90 -Last three years



Our Goal is Ending AIDS

90%

of all



living with HIV will know
their HIV status

90%

of all



living with HIV will receive
antiretroviral therapy

90%

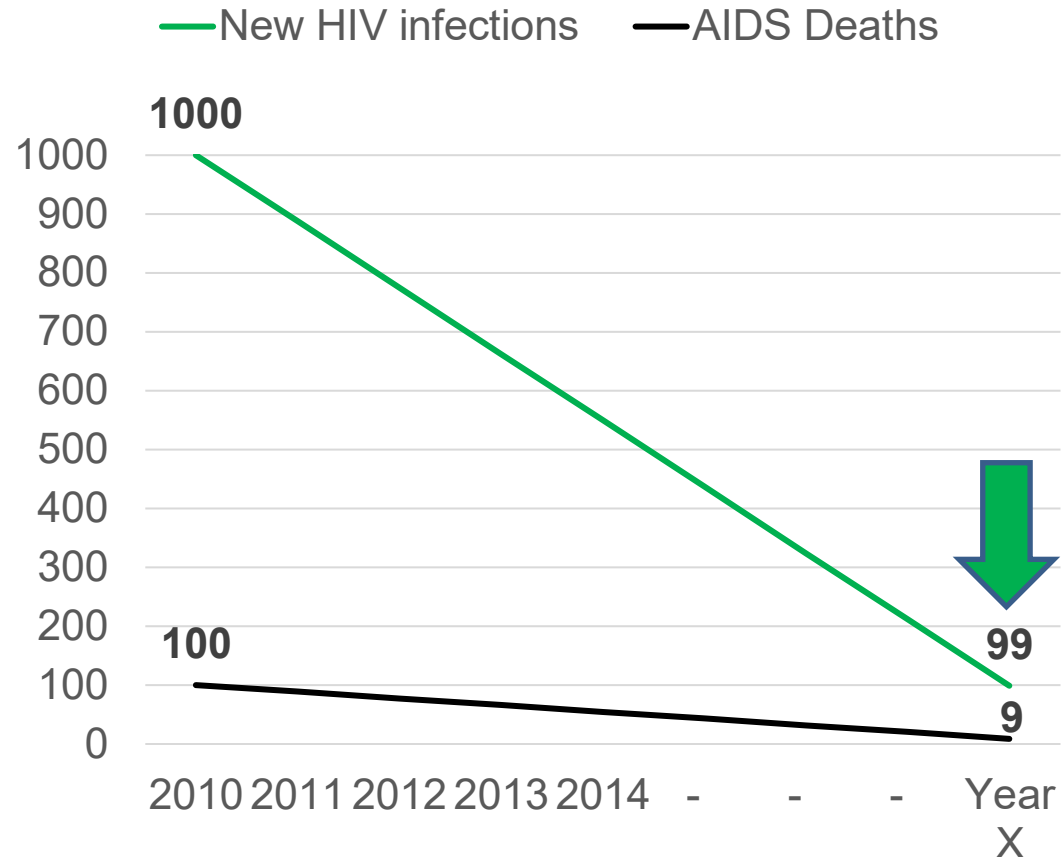
of all



receiving antiretroviral
therapy will have viral
suppression

What is the definition of “Ending AIDS”?

- 1. Reducing 90% of new HIV infections compared to 2010**
- 2. Reducing 90% of AIDS deaths compared to 2010**



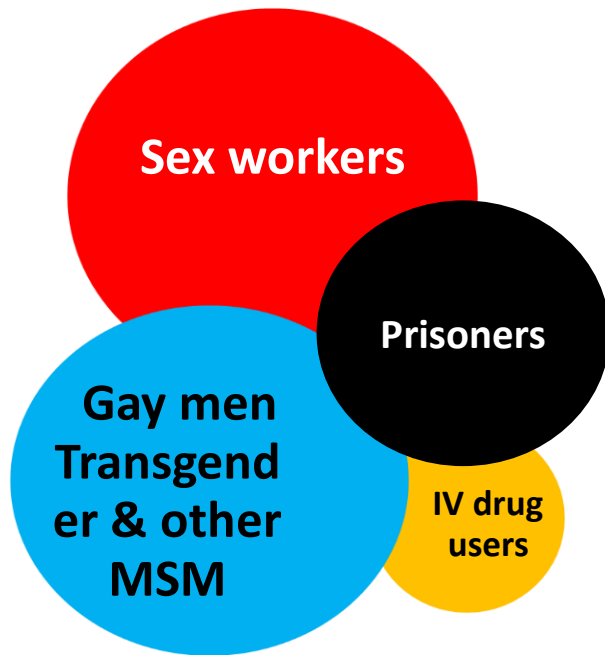
Source: UNAIDS-Fast-Track: ending the AIDS epidemic by 2030

- **How to reduce new HIV infections?**
- **How to reduce AIDS deaths**

Need to address Key populations

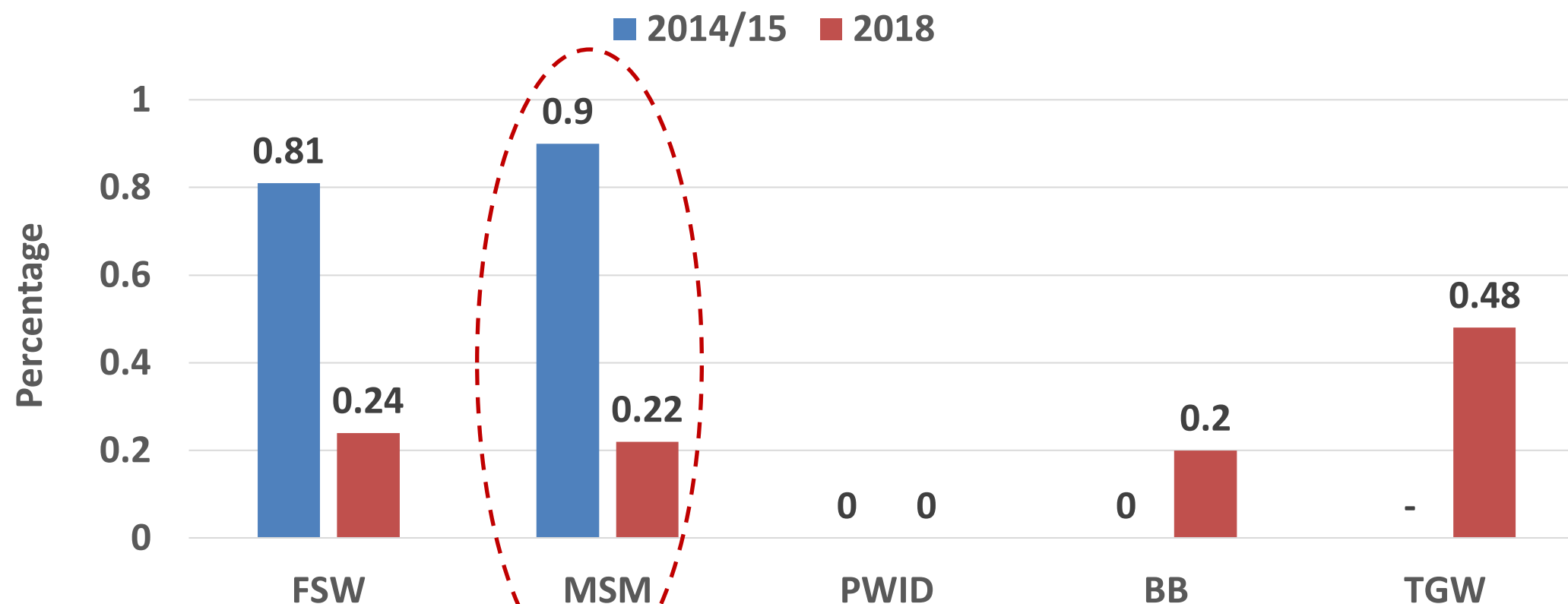


Risk of getting HIV among Key Populations



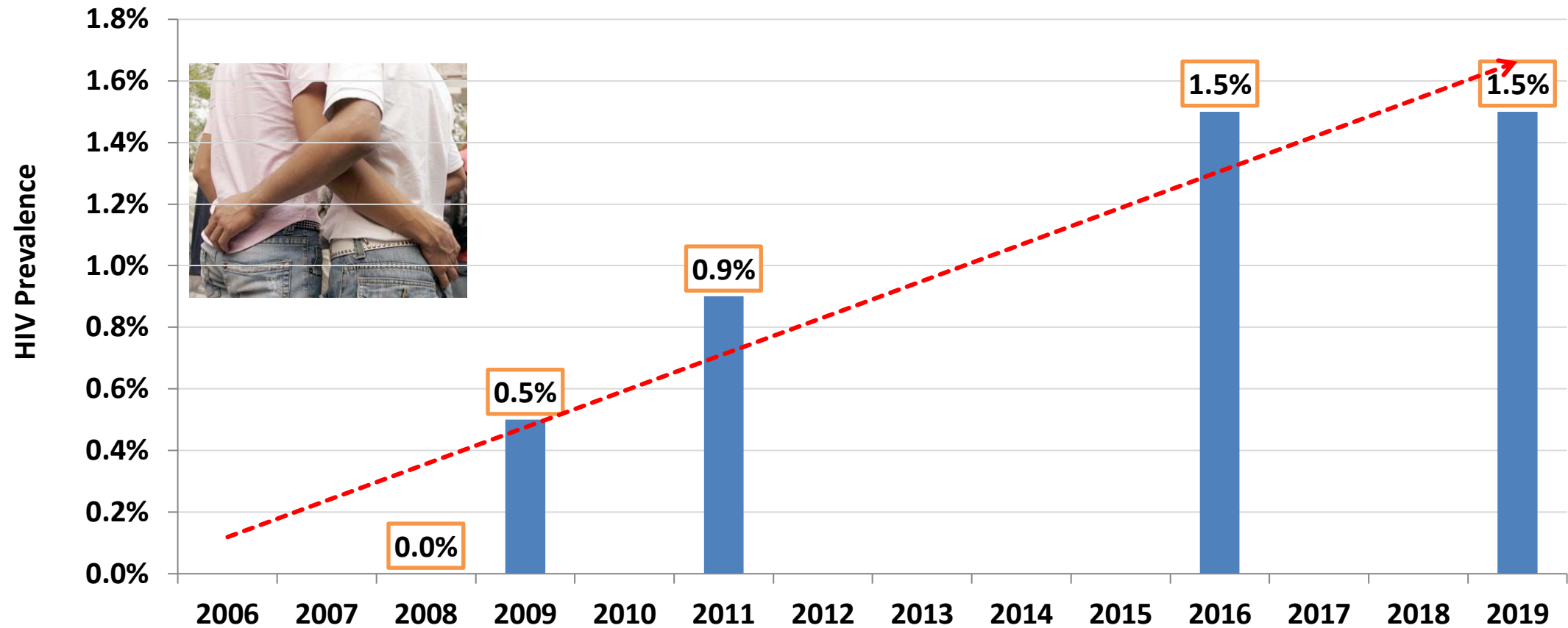
- 22 times higher among **men who have sex with men**.
- 22 times higher among **people who inject drugs**.
- 21 times higher for **sex workers**.
- 12 times higher for **transgender people**.

HIV prevalence (%) among Key populations

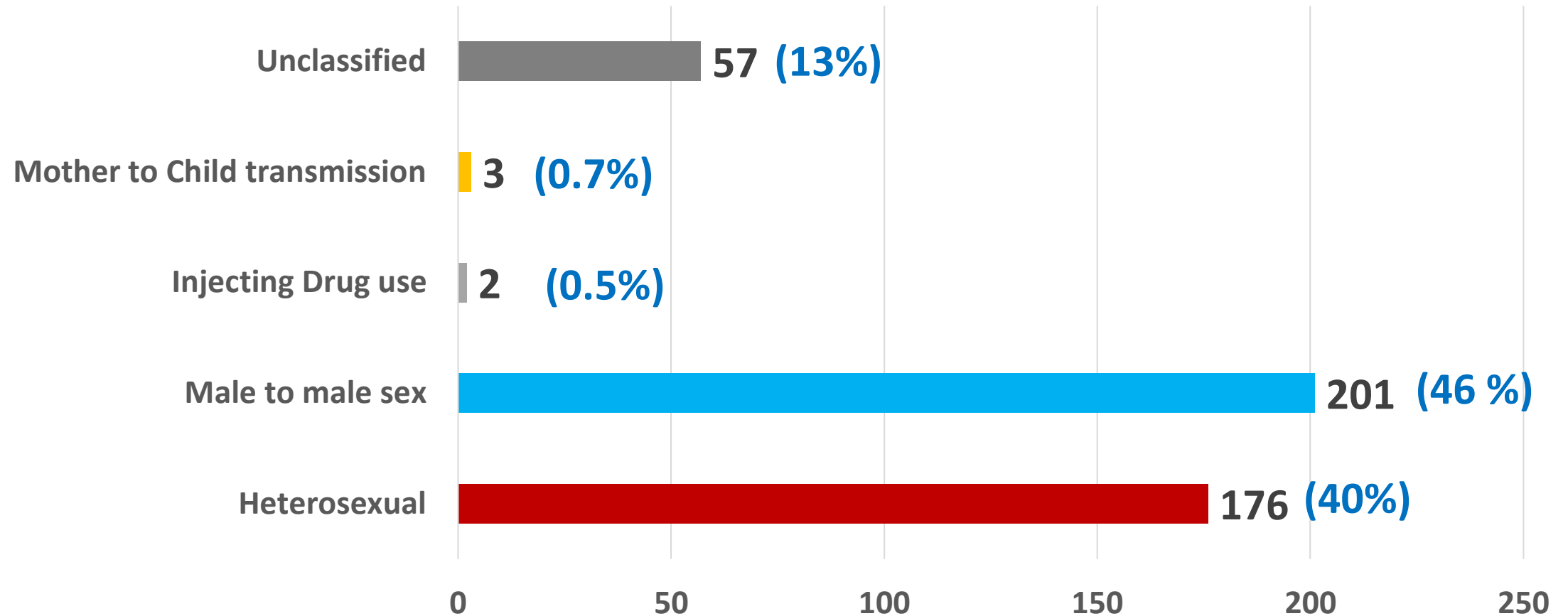


HIV Prevalence in MSM (men who have sex with men)

Source: Sentinel surveillance data; NSACP

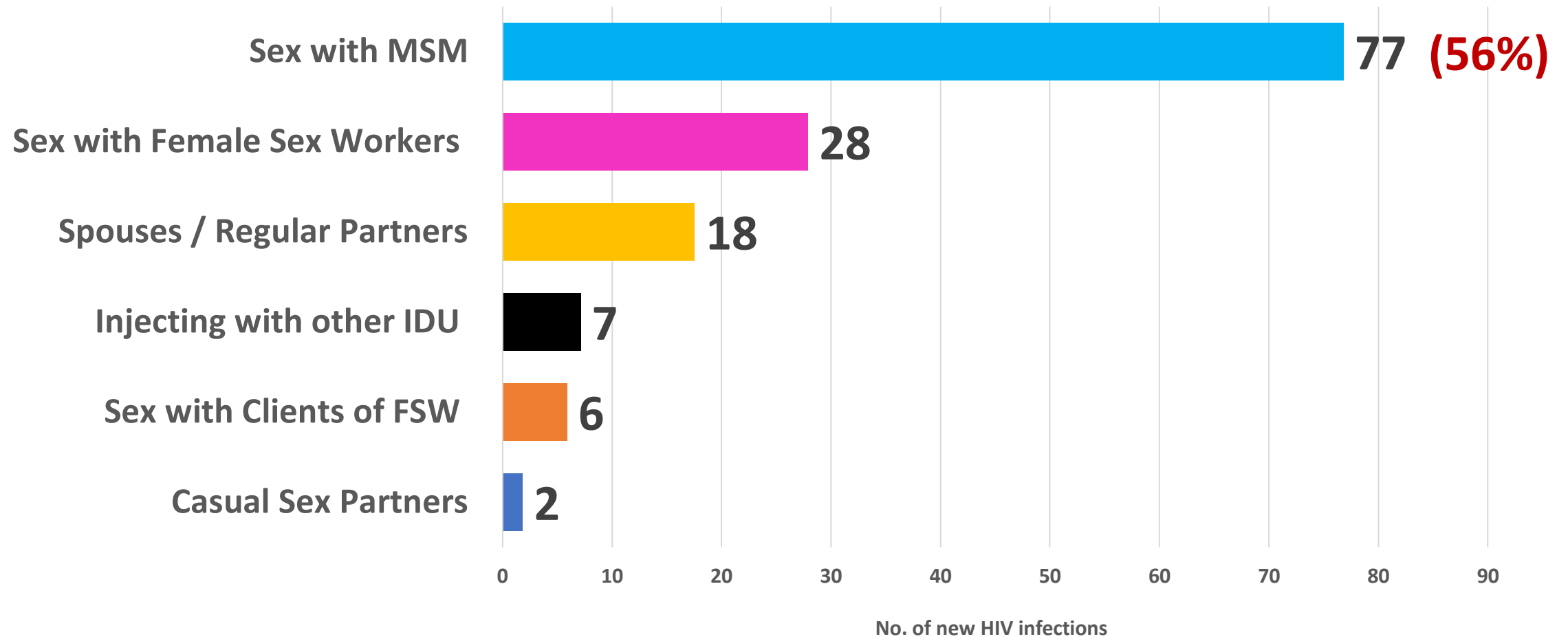


Probable Mode of Transmission of new HIV diagnoses in 2019 (N=439)

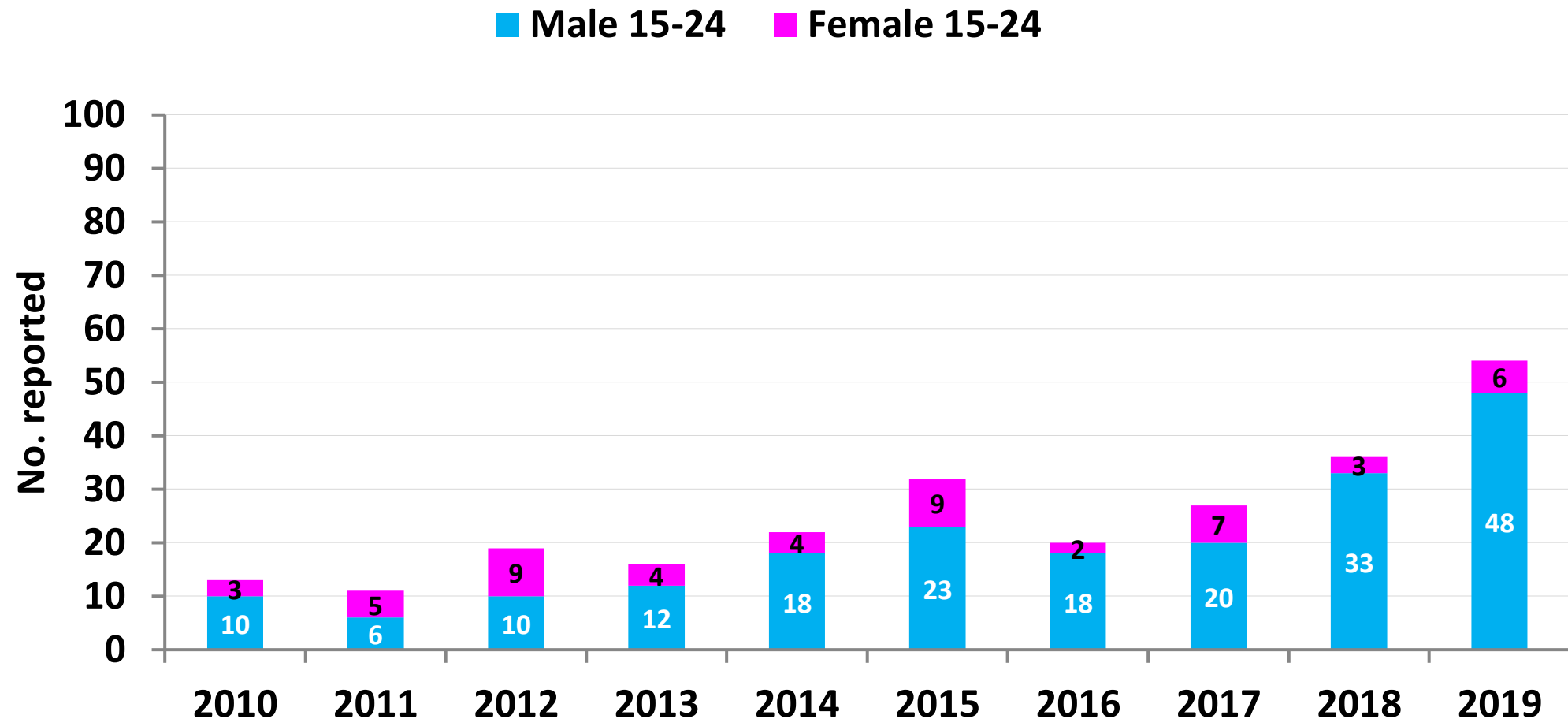


AEM- estimated new HIV Infections in 2019

(N=137)



Diagnosed young people with HIV 2010-2019





FAST-TRACK or OFF TRACK?

Programmes targeting key populations received only 2% of all HIV funding, even though key populations accounted for over half of all new infections

 aidsfonds

Current approaches to reach Key Populations



Current Key population HIV prevention models

1. Peer Educator Model

- Peers deliver a package of services
 - IEC/BBC
 - Condom distribution and promotion
 - STI services

2. Case Finder Model

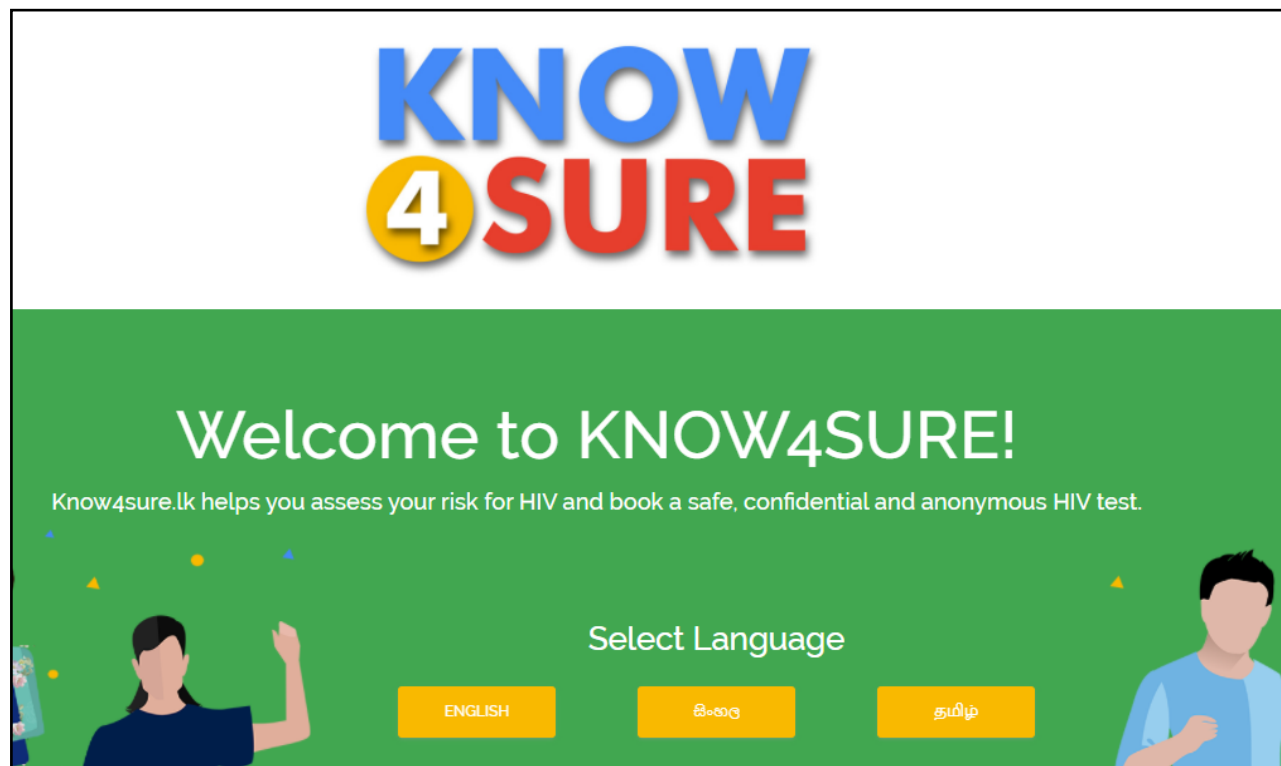
- Only in high prevalent districts
- More emphasis on HIV testing

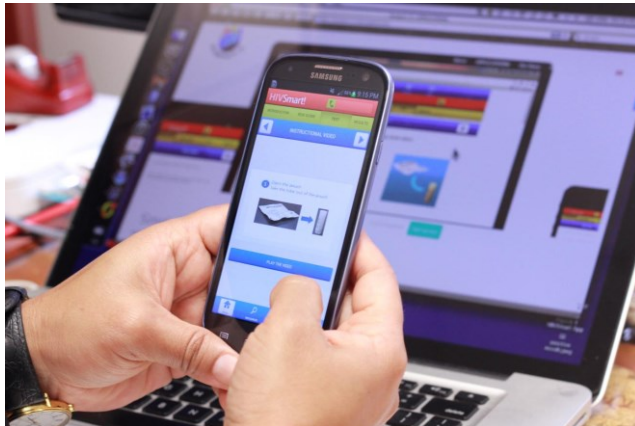
Reach Indicators (Sub-national)	Achievement in 1 st half of 2020 (GF Programme)	Annual Target	50% of Annual Target	% Achievement 1st half of 2020
FSW (13 districts)	831 (39)	6,581	3,291	25%
MSM (12 districts)	877 (293)	6,040	3,020	29%
PWID (6 districts)	76 (46)	86	43	177%
BB (Other) (5 districts)	203 (130)	1,081	541	38%
TG (3 districts)	19 (16)	69	35	55%

Test Indicators (National)	Achievement in 1st half of 2020	Annual Target	50% of Annual Target (D)	% 1st half of 2020
FSW (13 districts)	1,597 (5)	9,853	4,927	32%
MSM (12 districts)	1,676 (115)	8,065	4,033	42%
PWID (6 districts)	349 (46)	236	118	296%
BB (Other Vul.) (5 districts)	427 (112)	2,199	1,100	39%
TG (3 districts)	156 (9)	150	75	208%
Prisoners	4,613	18,256	9,128	51%

**We need to adopt new approaches to
reach hidden key populations during this
COVID era**

1. Promote online outreach





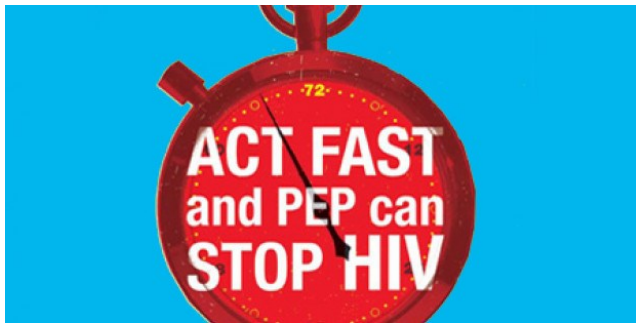
2. HIV Self-testing

- Oral fluid tests can be used
- Smartphone, tablet or web-based apps can be used
- Interprets and confidentially
- Should links users to counselling or care



3. Provision of;

- Pre-Exposure Prophylaxis**
- PEP for sexual exposure**



Thank you for
your
attention!

