



# **WORLD AIDS DAY 2022**

## **HIV/AIDS Situation in Bangladesh**

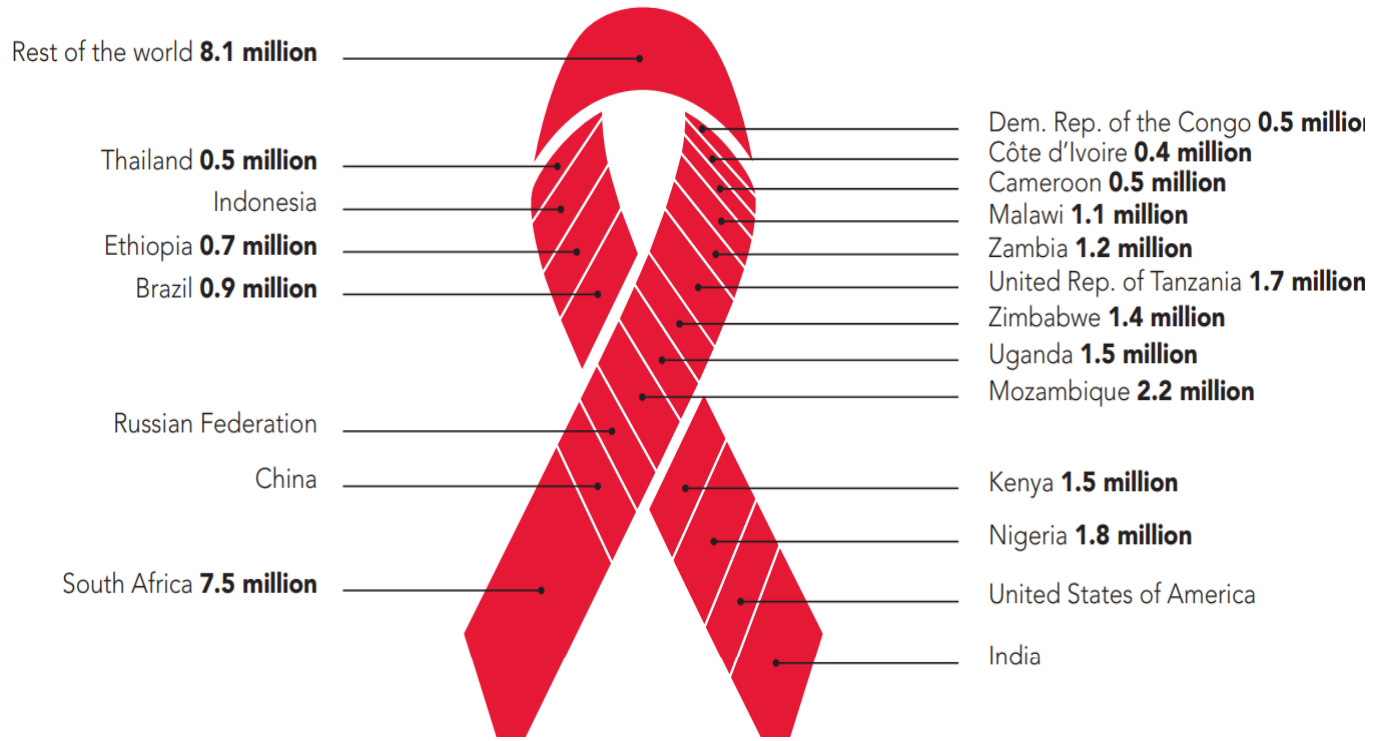


**DR. Md. Khurshid Alam**  
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**TB-L & AIDS/STD Programme**  
**Directorate General of Health Services (DGHS)**



জাতীয় এইডস/এসটিডি কন্ট্রোল  
বাহা অধিদপ্তর, স্বাস্থ্য ও পরিবার কল্যাণ মন্ত্রণালয়

# Global Estimates for Adults and Children



**Total: 38.4 million [33.9 million–43.8 million]**

**People living with HIV**

**38.4 million [33.9 million–43.8 million]**

**People newly infected with HIV**

**1.5 million [1.1 million–2.0 million]**

**Deaths due to AIDS**

**650 000 [510 000–860 000]**

**People living with HIV on antiretroviral therapy**

**28.7 million**

Source: UNAIDS



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# Regional Estimates Asia and the Pacific Region

People living with HIV in Asia and the Pacific	6.0 million [4.9 million– 7.2 million]
New HIV infections in the region	260 000 [190 000– 360 000]
New HIV infections among children	14 000 [9400– 20 000]
People had access to antiretroviral therapy	4.0 million [3.5 million– 3.6 million]
People died of AIDS-related illnesses	140 000 [99 000– 210 000]

Source: UNAIDS



# **HIV/AIDS Situation in Bangladesh of 2022**

## **(November, 2021- October, 2022)**



# Bangladesh Situation

- In Bangladesh the first HIV case was detected in 1989
- HIV prevalence remains less than 0.01% among general population
- HIV prevalence remains about 4.1% among the PWID as per latest IBBS
- Estimated number of People Living With HIV is 14,513

(Estimates range: 12,000-16,000, Source: UNAIDS, 2018)



# Testing and Screening Information in-2022

Indicators	Testing	Screening
KPs	78,460	
TB-HIV other comorbidity	57,689	
General Population	75,565	
GAMCA	955,420	
SBTP	-	7,71,708
PMTCT	74,491	
<b>Total</b>	<b>12,41,625</b>	<b>7,71,708</b>

Source: Programme Data, private sector diagnosis, SBTP



# Reported Cases-2022

## New HIV positive and Death Cases

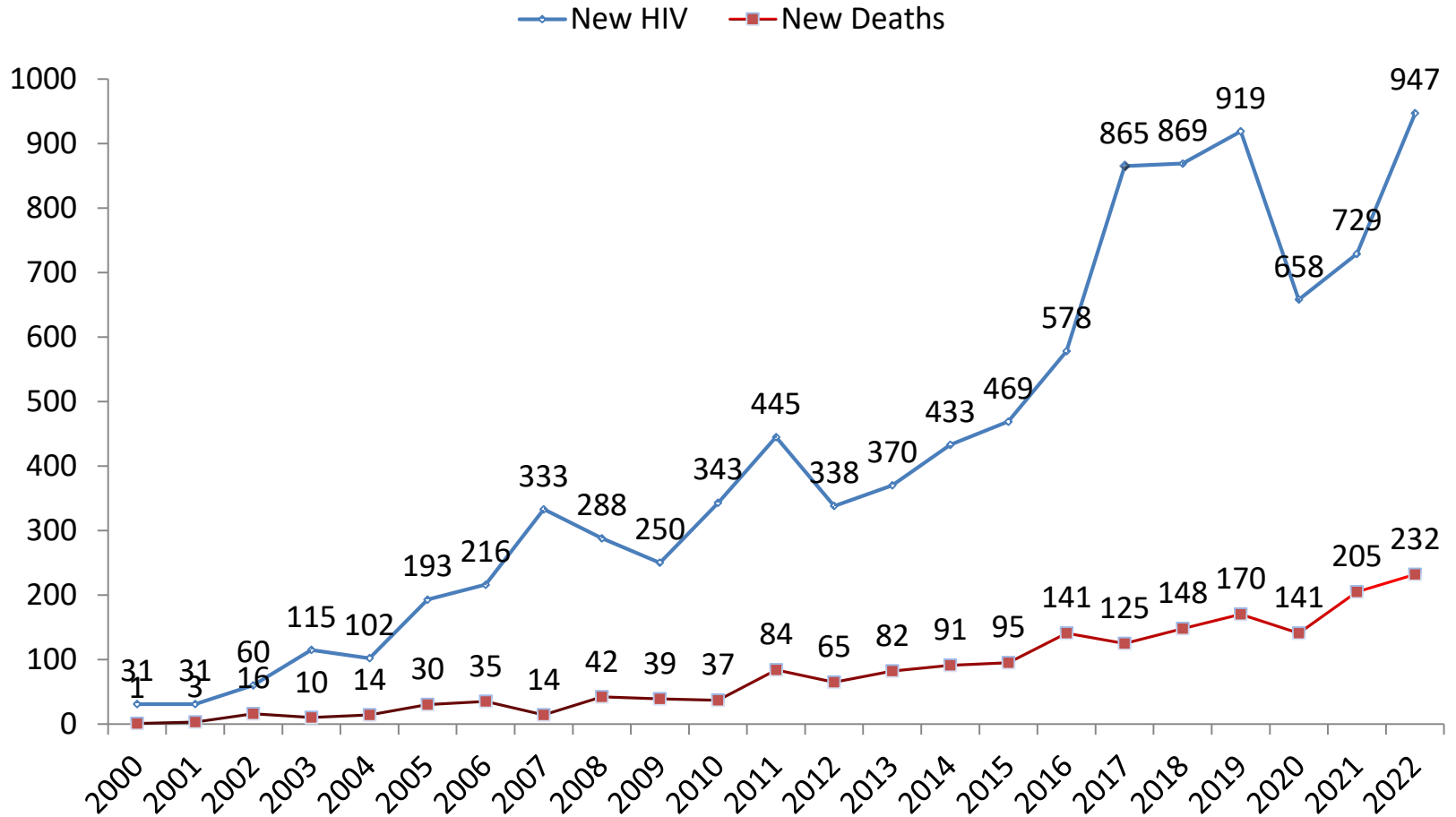
Indicator	New Cases in 2022	Cumulative Cases as of 1989-2022
HIV positive	947	9,708
Death	232	1,820

**Rohingya (FDMN) cases = 128**

Source: Implementing Partners, ASP



# New HIV and Death Cases Per Year (1989-2022)

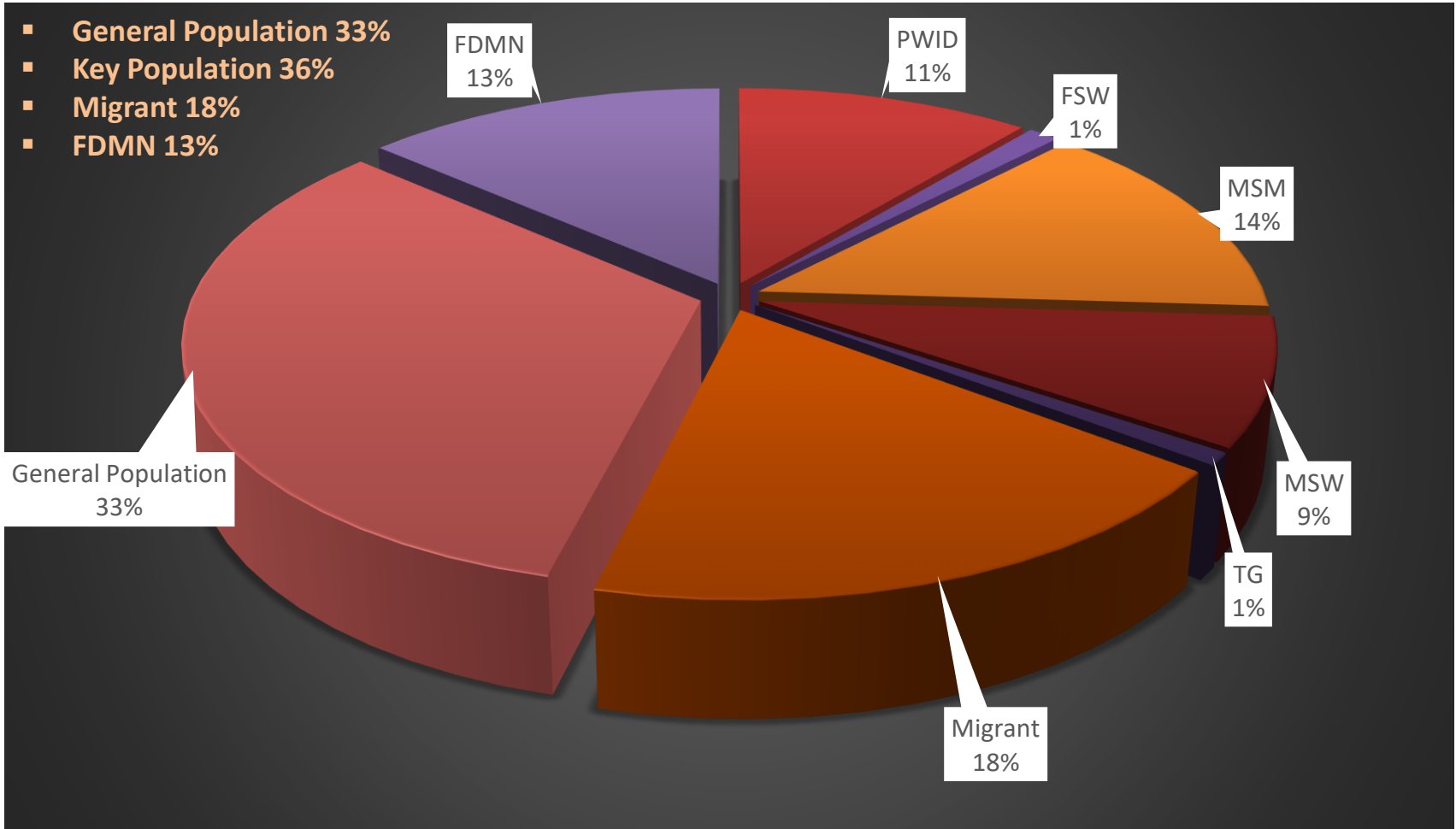


Source: ASP





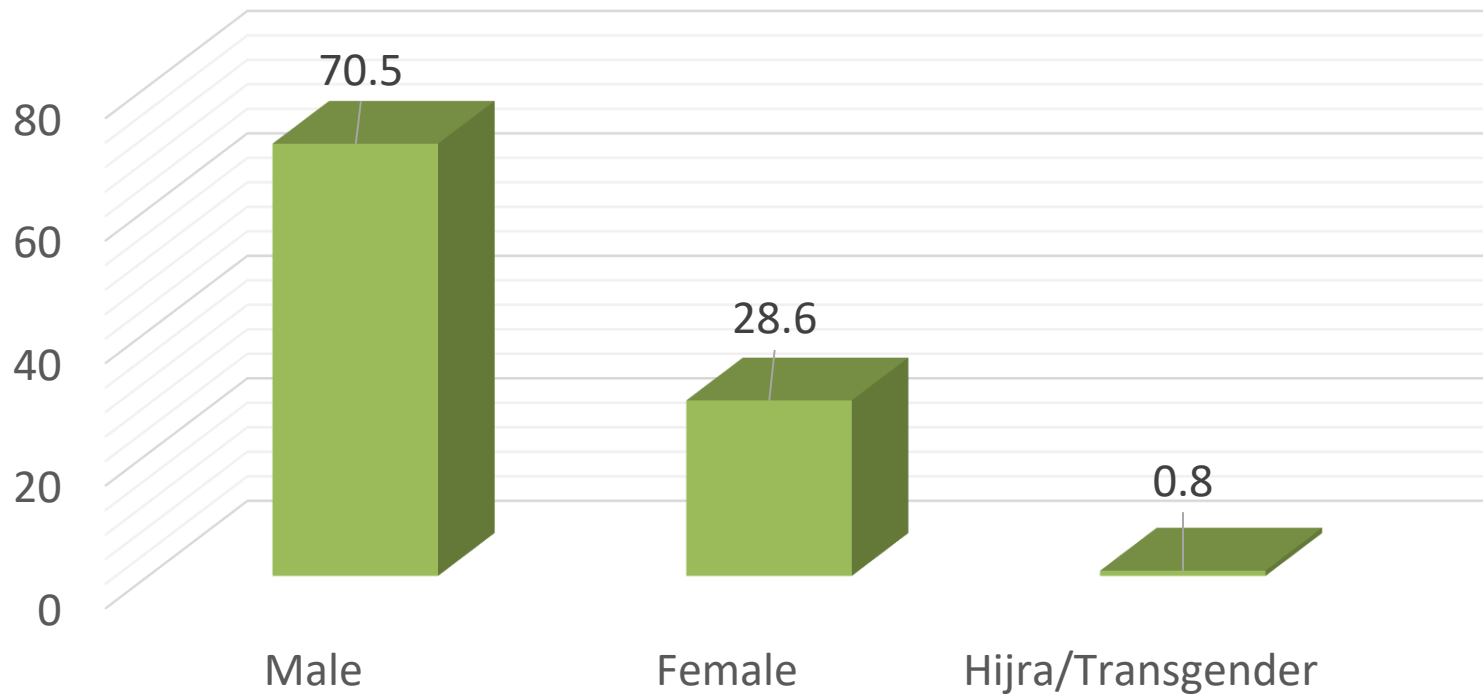
# Population Category among newly Diagnosis PLHIV: 2022



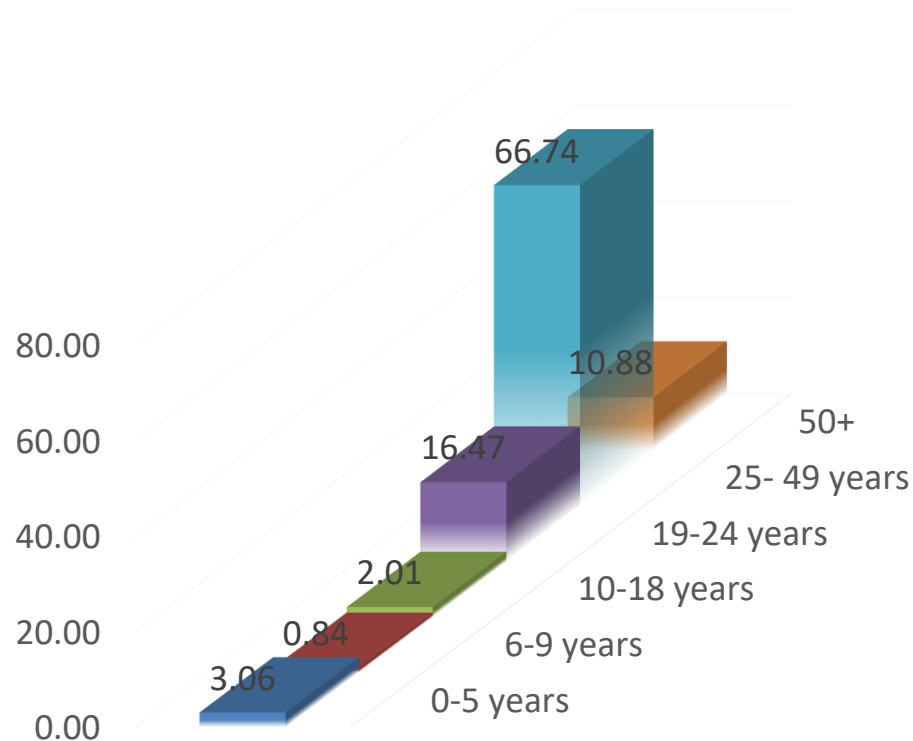
Source: ASP



# Gender Distribution of New Cases: 2022

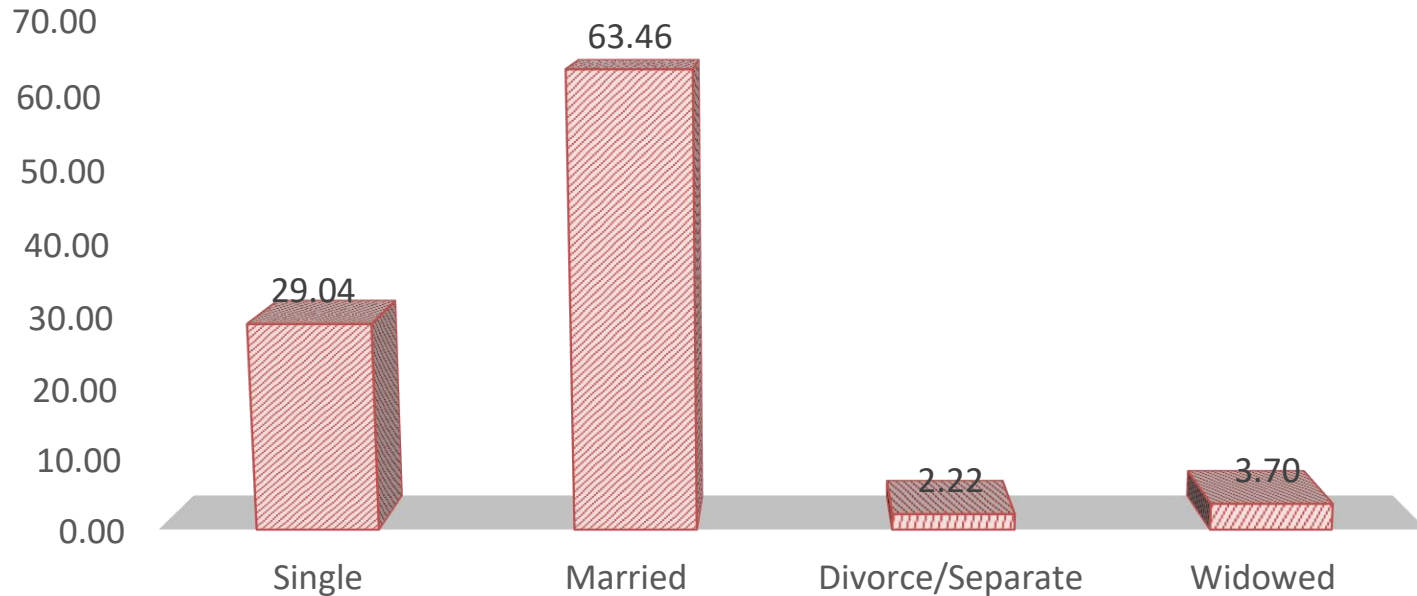


# Age Distribution of New Cases:2022



**Maximum number of identified HIV positive people came from age group (25-49) and some of HIV positive getting from (19-24) years age population.**

# HIV New Cases 2022: Marital Status



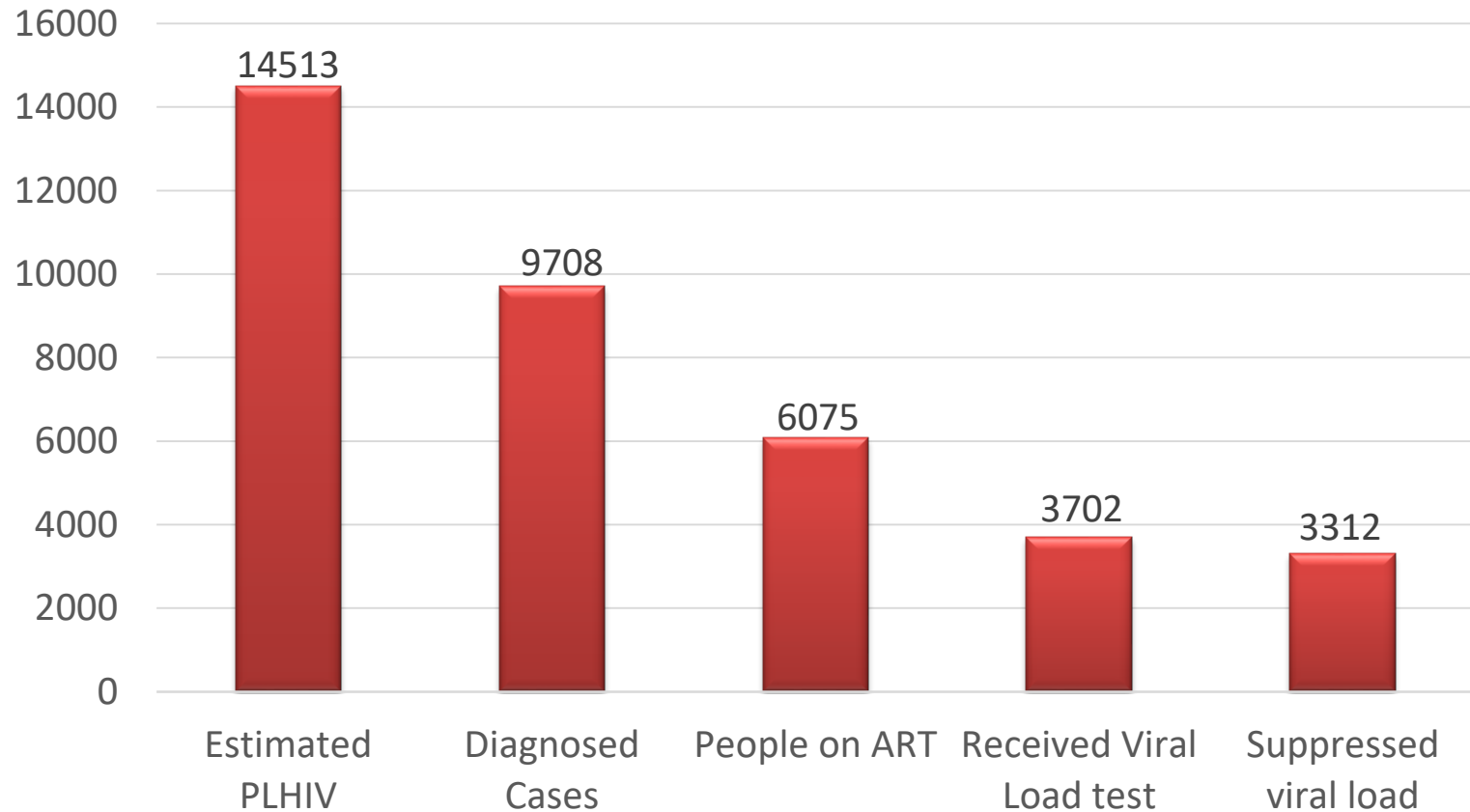
**Most of the identified HIV positive people were married and second one is unmarried population. So, the rate of HIV detection among married populations is much higher than the others.**



# ART Coverage in New HIV Cases:2022

Population	New Detection	ART Recipient			Total	%
		Male	Female	Hijra		
Host Population	819	540	152	8	700	85.47
FDMN	128	41	85	0	126	98.44
<b>Total</b>	<b>947</b>	<b>581</b>	<b>237</b>	<b>8</b>	<b>826</b>	<b>87.22</b>

# Cumulative cross sectional cascade for HIV Treatment and Care, Bangladesh, 2022



\* Number of people on ART who received a viral load test in the past year and have VL of <1000copies/ml

# 95-95-95 Status in Bangladesh 2022

67%



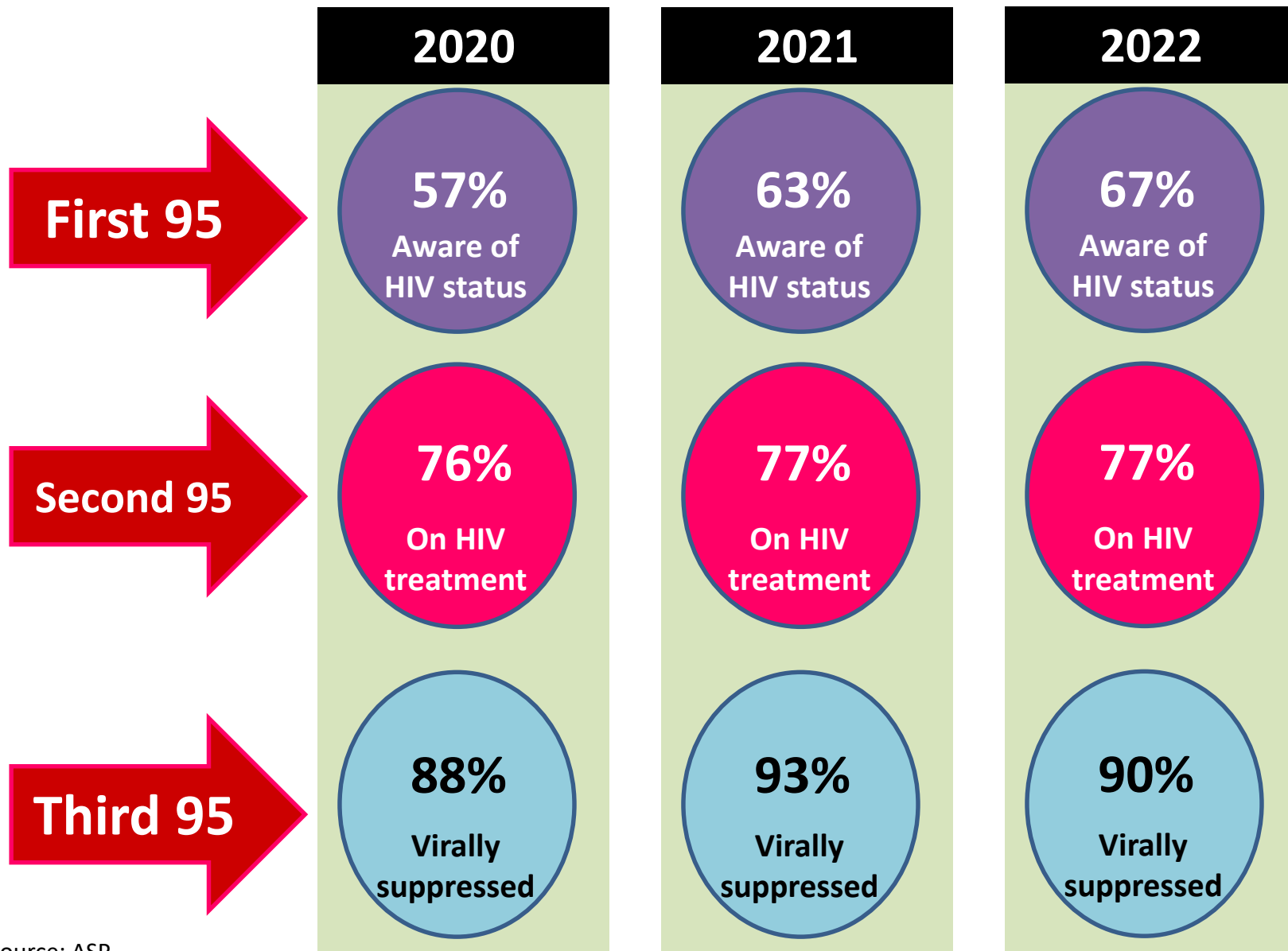
77%



90%



# Year wise comparison of Fast Track Strategy in Bangladesh



Source: ASP



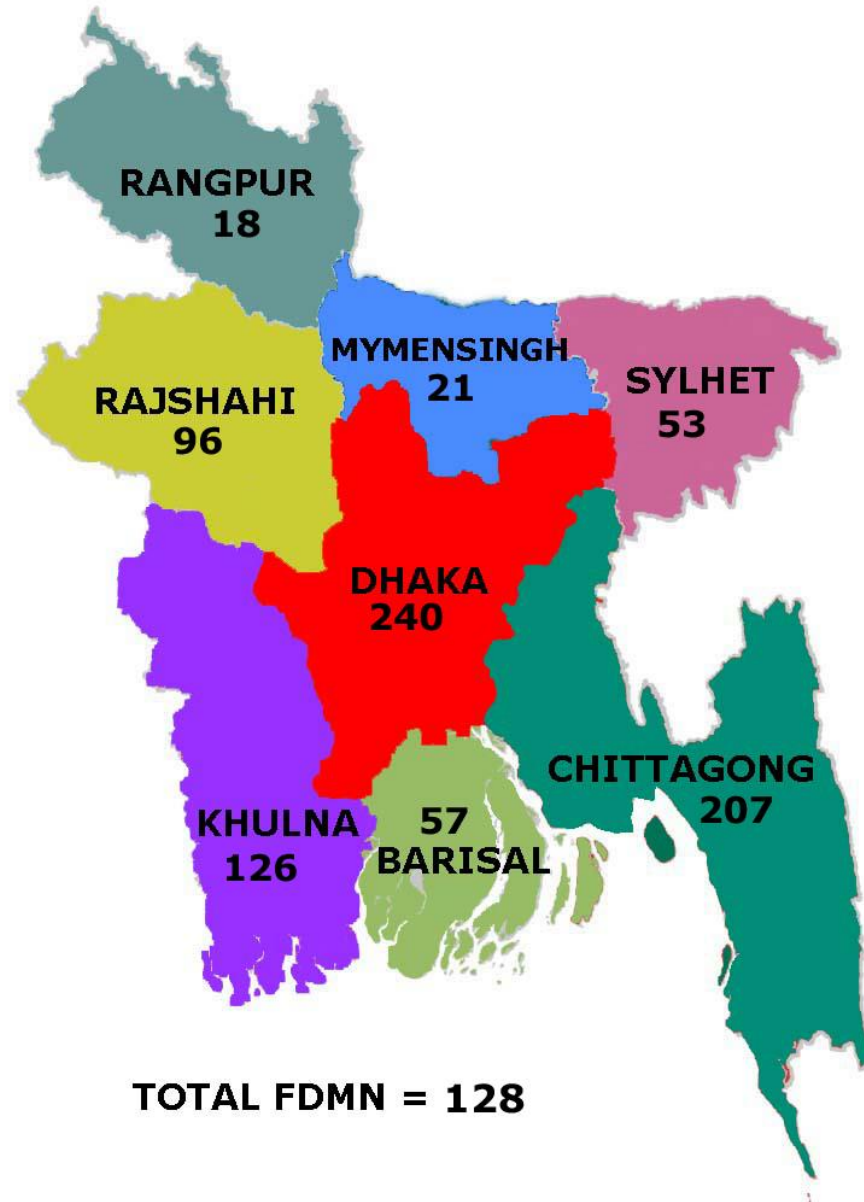


# PMTCT Performance at a Glance: 2022

<b>HIV testing at ANC/Labor/PNC</b>	<b>74,491</b>
New HIV positive pregnant women	22
HIV positive pregnant women on ART	22
Total Live Birth	25
HIV negative	24
HIV positive	1



# Geographic Distribution of New Cases 2022



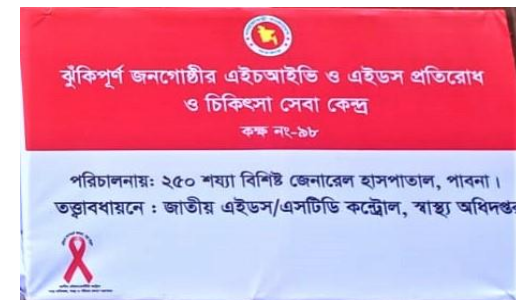
**TOTAL FDMN = 128**



এইডস সম্পর্কে জানুন, সুরা পান  
জাতীয় এইডস/এসটিভি কন্ট্রোল  
স্বাস্থ্য অধিদপ্তর, স্বাস্থ্য ও পরিবার কল্যাণ মন্ত্রণালয়

## New innovations-2022

# Key population intervention (PWID, FSW, MSM, MSW & TG) in Public Hospital and NGO



### Implementing Hospitals

- Chattogram Medical College Hospital
- Sher E Bangla Medical College Hospital Barishal,
- 250 bed Hospital-
  - Jashore
  - Pabna
  - Sirajganj
- Iccdr'b
- Padhakhep

### Preventive service

- Syringe/condom distribution
- syringe/needle collection
- Capacity building of hospital staff
- Advocacy workshop with different stakeholders

### Clinical service-

- HIV testing and treatment
- Treatment for general illness including STI and referral service
- Coinfection management(TB, Hepatitis)
- Abscess management

### HR

- Medical officer
- Outreach Supervisor
- Peer educator

### Achievement so far

- HIV tested-445
- Positive- 41
- Linked with treatment

# New innovations-2022

## Integration of HIV service in prison



MoU between ASP,  
DGHS and Prison  
Directorate

### Implementing prisons-10

- Dhaka central Prison, Keraniganj
- Kashimpur prison(1,2)
- Narayangang prison
- Chattogram Prison
- Cox's Bazar prison
- Sylhet Prison
- Rajshahi Prison
- Cumilla Prison
- Jashore Prison

### Services\_

- HIV testing and treatment
- Treatment for general illness including STI and referral service
- Coinfection management (TB, Hepatitis etc)
- Peer education session
- Orientation workshop

### HR

- Counselor
- Medical technologist
- peer educator (among prisoners)

# Challenges

- I. Increasing the HIV testing facility and number of testing especially in private sector
- II. The capacity of all District Hospitals and Medical College Hospital laboratories to use RTD for HIV testing.
- III. Tracking the HIV positive returnee migrants and enrollment into ART services
- IV. Integration of the KPs health services in government and private health system



# Thank You



The poster features a red background with a central yellow circle. Inside the circle, a globe is held by four hands of different skin tones, with a red AIDS ribbon draped over it. The text 'WORLD AIDS DAY 1 December 2022' is written on the globe. The Bengali text 'অসমতা দূর করি, এইডস মুক্ত বিশ্ব গাঁড়ি' (Eliminate inequality, free world from AIDS) is written around the globe. Below the globe, the word 'EQUALIZE' is written in red. At the top, the Bengali text 'বিশ্ব এইডস দিবস ১ ডিসেম্বর ২০২২' and 'WORLD AIDS DAY 1st December 2022' are displayed. Logos for UNAIDS, WHO Bangladesh, and the Bangladesh AIDS Society are at the bottom.

বিশ্ব এইডস দিবস  
১ ডিসেম্বর ২০২২  
WORLD AIDS DAY  
1st December 2022

অসমতা দূর করি, এইডস মুক্ত বিশ্ব গাঁড়ি

WORLD AIDS DAY  
1 December 2022

EQUALIZE

UNAIDS  
World Health Organization  
Bangladesh  
জাতীয় এইডস সচেতনতা কেন্দ্র  
স্বাস্থ্য ও পরিবার কল্যাণ মন্ত্রণালয়



জাতীয় এইডস/এপিডি কেন্দ্র  
স্বাস্থ্য অধিদপ্তর, স্বাস্থ্য ও পরিবার কল্যাণ মন্ত্রণালয়