



National AIDS Control Organisation
India's Voice against AIDS
Ministry of Health & Family Welfare, Government of India
www.naco.gov.in



सत्यमेव जयते
Ministry of Health & Family Welfare
Government of India



सकलक

Status of National AIDS Response



THIRD EDITION 2021

Suggested citation

National AIDS Control Organization (2021). Sankalak: Status of National AIDS Response (Third edition, 2021). New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.

For additional information about Sankalak: Status of National AIDS Response (Third edition, 2021), please contact

Monitoring & Evaluation - Strategic Information Division
National AIDS Control Organisation (NACO)
Ministry of Health and Family Welfare, Government of India
6th and 9th Floor
Chanderlok, 36, Janpath, New Delhi, 110001



संकलक

Status of National AIDS Response

THIRD EDITION 2021



सत्यमेव जयते

आलोक सक्सेना
अपर सचिव एवं महानिदेशक

Alok Saxena

Additional Secretary & Director General



जाने समझे, जुग-जुग जीये!

राष्ट्रीय एड्स नियंत्रण संगठन
स्वास्थ्य और परिवार कल्याण मंत्रालय
भारत सरकार

National AIDS Control Organisation
Ministry of Health & Family Welfare
Government of India



Foreword

Evidence generation, analysis and dissemination for actions have been integral to India's AIDS response since inception of National AIDS Control Programme (NACP). "Sankalak: Status of National AIDS Response", the flagship publication of National AIDS Control Programme, is one such effort to report country's progress on Sustainable Development Goal (SDG) 3.3 of ending the AIDS epidemic as a public health threat by 2030.

The current edition of 'Sankalak', third in the series, presents the epidemic status and programmatic reach across prevention, testing, treatment and retention continuum in the challenging context of COVID-19 pandemic in the year 2020-21. This document highlights the results of country efforts in maintaining and augmenting the AIDS response through State and National-level initiatives.

This consolidated evidence will provide comprehensive understanding of concentrated epidemic, programmatic responses, uptake, and challenges for preparing integrated action plan. The publication of 'Sankalak' is timely in guiding the annual action plans of State AIDS Control Societies (SACS). It is highly recommended to all Programme Managers and other stakeholders for using the evidence presented through this document.

(ALOK SAXENA)

6th Floor, Chandralok Building, 36 Janpath, New Delhi-110001 Tel. : 011-23325331 Fax : 011-23351700
E-mail : dgoffice@naco.gov.in

अपनी एचआईवी अवस्था जानें, निकटतम सरकारी अस्पताल में मुफ्त सलाह व जाँच पाएँ
Know your HIV status, go to the nearest Government Hospital for free Voluntary Counselling and Testing



निधि केसरवानी, भा.प्र.से.
निदेशक

Nidhi Kesarwani, I.A.S.
Director



राष्ट्रीय एड्स नियंत्रण संगठन
स्वास्थ्य और परिवार कल्याण मंत्रालय
भारत सरकार

National AIDS Control Organisation
Ministry of Health & Family Welfare
Government of India



PREFACE

Over the years, evidence generation systems have evolved under the National AIDS Control Programme. This has resulted in understanding local epidemic and intensifying the programmatic response. As per the HIV estimates 2020, new HIV infections had declined by 48% between 2010 and 2020 while AIDS-related deaths declined by 82% during the same period.

“Sankalak: Status of National AIDS Response” is one of the flagship document that provide critical evidence to make informed decisions. The third edition of the “Sankalak” presents the progress made on key programmatic indicators across HIV care continuum in the year 2020-2021.

This document majorly has eight broad sections including Status of HIV/AIDS epidemic, Prevention of new HIV infections among the general population, Prevention of new HIV infection among HRG and bridge population, Early detection of HIV infection, Initiation and retention on ART of HIV infected people, Viral suppression and laboratories, Elimination of mother to child transmission (EMTCT) of HIV and Elimination of HIV/AIDS-related stigma and discrimination. This edition includes ten narrative chapters and national as well as state specific factsheets. Also, definitions of the indicators presented in the document are detailed in the last chapter.

NACO takes pride to be consistent in its efforts to publish the third edition of “Sankalak”. I am confident that all decision-makers, programme managers and all other stakeholders will use this document extensively to further strengthen the National AIDS response.

Any suggestion for improvement of next edition of Sankalak will be welcomed.

(Nidhi Kesarwani)

9th Floor, Chandralok Building, 36 Janpath, New Delhi-110001 Tel. : 011-23325343 Fax : 011-23325335
E-mail : dir@naco.gov.in

अपनी एचआईवी अवस्था जानें, निकटतम सरकारी अस्पताल में मुफ्त सलाह व जाँच पाएँ
Know your HIV status, go to the nearest Government Hospital for free Voluntary Counselling and Testing



Dr. CHINMOYEE DAS
Deputy Director

Tel. : +91-11-23736851
Fax : +91-11-23731746
E-mail : c.das@gov.in
drchinmoyee.naco@gmail.com



सत्यमेव जयते

भारत सरकार
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
राष्ट्रीय एड्स नियंत्रण विभाग
6वां तल, चन्द्रलोक बिल्डिंग,
36, जनपथ, नई दिल्ली-110001
Government of India
Ministry of Health & Family Welfare
National AIDS Control Organisation
6th Floor, Chandralok Building,
36, Janpath, New Delhi-110001

ACKNOWLEDGEMENT

National AIDS Control Organization publishes the "Sankalak: Status of National AIDS Response" annually to inform the stakeholders at various level. "Sankalak: Status of National AIDS Response" presents comprehensive evidence collated from different sources. NACO wishes to thank all those who have contributed to the development of the third edition of "Sankalak".

We sincerely thank Addl. Secretary & DG, NACO Shri Alok Saxena for his vision, insights and guidance towards strengthening evidence generation for effective response to HIV epidemic. We gratefully acknowledge Ms. Nidhi Kesarwani, Director, NACO who provided her guidance towards timely completion of this publication.

Technical leadership was provided by Dr Anoop Kumar Puri, DDG, NACO; Dr Shobini Rajan, DDG, NACO; Dr Udhay Bhanu Das DDG, NACO; Dr Bhawani Singh Kushwaha DD, NACO; Dr Bhawna Rao DD, NACO; Dr Saiprasad Bhavsar DD, NACO; Dr Srinivas Murthy DD, NACO.

Ms. Mariyam Zainab & Dr Raveena of Monitoring and Evaluation, Strategic Information division of NACO anchored the conceptualization, designing and implementing the publication of this document. Officers of all divisions of NACO who contributed to the development of chapters and factsheets, Mr Shantanu Kumar Purohit & Mr Lalit Singh Kharayat of Targeted Intervention Division of NACO; Dr. Govind Bansal, Mr P. Sujith & Mrs Hansa Lala of Basic Services division; Dr Saiprasad Bhavsar and Dr Srinivas Murthy of Blood Transfusion Services Division; Dr Shivali Kamal and Ms Smita Mishra of Laboratory Services Division; Dr Maninder Kaur Manihani, and Mr Archit Sinha of Care, Support and Treatment Division; Ms Nidhi Rawat, Mr Utpal Das, Mr Benjamin Franklin of Information, Education, Communication and Mainstreaming Division; Dr Pradeep Kumar and Dr Arvind Kumar of Surveillance and Epidemiology, Strategic Information division.

We acknowledge the contribution of each of them in providing continuous support in developing this evidence rich publication.

This third edition of 'Sankalak: Status of National AIDS Response' provides state-wise crucial programmatic data by State/UTs for the year 2020-2021. It is expected that all stakeholders will use it to further strengthen the National AIDS response. We also welcome suggestions from stakeholders for further improvements of this document & the future editions.


(Dr Chinmoyee Das)

Contents

Abbreviations	13
Executive Summary	15
1. Status of HIV/AIDS Epidemic	22
1.1 Introduction	23
1.2 Overview	23
1.3 Adult (15-49 years) HIV Prevalence	24
1.4 People living with HIV (PLHIV)	24
1.5 New HIV Infections	25
1.6 AIDS Related Deaths	27
1.7 HIV Prevalence by Population Groups	28
1.8 District level HIV Burden	30
1.9 Route of Transmission of HIV	32
2. Progress on 90-90-90	34
2.1 Introduction	35
2.2 Overview	35
2.3 Progress on 90-90-90	36
3. IEC, Youth & Mainstreaming	38
3.1 Information, Education & Communication (IEC)	39
3.2 Elimination of HIV and AIDS related Stigma & Discrimination	40
3.3 Mainstreaming	41
3.4 Youth Interventions	42
4. Prevention of new HIV infections among HRG and Bridge populations	44
4.1 Coverage	45
4.2 Prison Intervention	49
4.3 Employer Led Model	50
4.4 Link Workers Scheme	50
5. Management of Sexually Transmitted Infections at Designated STI/RTI Clinics	52
5.1 Designated STI/RTI Clinics	53
5.2 Service Uptake at DSRCs	54
5.3 STI/RTI Syndromic Diagnosis at DSRCs	56
5.4 Laboratory Diagnosis of STI/RTI at DSRCs	60

6.	Blood Transfusion Services (BTS)	62
6.1	Introduction	63
6.2	NACO Supported Blood Centres	63
6.3	Blood Unit Collection	65
6.4	Sero-Positivity of Transfusion-Transmissible Infections	67
6.5	Blood Component Separations	68
6.6	Transfer of Blood Transfusion Services from NACO to DGHS	69
7.	HIV Counselling and Testing Services	70
7.1	HCTS Facilities	71
7.2	HCT Services Uptake	72
7.3	HIV Sero-positive and Sero-positivity	74
7.4	Spouse/Partner Testing Among HIV Positive At-Risk Population	77
7.5	HIV-TB Cross-Referral	79
8.	Initiation and Retention on Anti-Retroviral Therapy of HIV Infected People	80
8.1	Background	81
8.2	ART Facilities and Service Uptake	82
8.3	ART Initiation and Retention	85
8.4	Lost to Follow-Up (LFU) PLHIV	86
8.5	HIV-TB Co-infection Management	86
9.	Laboratory Services	88
9.1	Viral load Testing	89
9.2	CD4 Testing	89
9.3	Laboratory Quality Assurance	91
10.	Elimination of Mother to Child Transmission of HIV	96
10.1	HIV Testing Coverage	97
10.2	HIV Sero-Positivity	99
10.3	HIV Treatment Coverage	99
10.4	Early Infant Diagnosis	102
11.	Factsheets	104-243
12.	Indicator Definitions	244-250

Abbreviations

AAP	Annual Action Plan	GUD-NH	Genital Ulcer Disease - Non Herpetic
AEP	Adolescence Education Programme	GW	Genital Wart
AIDS	Acquired Immune Deficiency Syndrome	HBV	Hepatitis B
AIOCD	Association of Indian Origin Chemist and Distributors	HCTS	HIV Counselling and Testing Services
AIR	All India Radio	HCV	Hepatitis C
ANI	Annual New HIV Infections	HIV	Human Immunodeficiency Virus
ARD	Anorectal Discharge	HRG	High-Risk Group
ART	Anti-Retroviral Treatment / Anti- Retroviral Therapy	HSS	HIV sentinel Surveillance
ARV	Anti-Retroviral	H/TG	Hijra/ Transgender people
ASHA	Accredited Social Health Activist	IB	Inguinal Bubo
BCSU	Blood Component Separation Units	ICF	Intensified TB case Finding
BTS	Blood Transfusion Services	ICTC	Integrated Counselling and Testing Centre
CBO	Community Based Organization	IDU	Injecting Drug User
CBS	Community Based Screening	IEC	Information, Education & Communication
CDC	Centres for Disease Control	JWG	Joint Working Groups
CDSCO	Central Drugs Standard Control Organisation	LAC	Link ART Centre
CLHIV	Children Living with HIV	LAP	Lower Abdominal Pain
CMAI	Christian Medical Association of India	LDT	Long-Distance Trucker
COE	Centres of Excellence	LFU	Loss to Follow-Up
COVID-19	Corona virus Disease 2019	LWS	Link Workers Scheme
CSC	Care & Support Centres	MCI	Medical Council of India
DGHS	Directorate General of Health Services	MOU	Memorandum of Understanding
DNA	Deoxyribonucleic Acid	MPR	Monthly Progress Report
DSRC	Designated STI/RTI Clinic	MSM	Men who have Sex with Men
ELM	Employer-led Model	NABL	National Accreditation Board for Testing and Calibration Laboratories
EMTCT	Elimination of Mother to Child Transmission	NACO	National AIDS Control Organisation
EQA	External Quality Assessment	NACP	National AIDS Control Programme
FI-ICTC	Facility-Integrated-ICTC	NARI	National AIDS Research Institute
FSW	Female Sex Worker	NBTC	National Blood Transfusion Council
GUD-H	Genital Ulcer Disease - Herpetic		

NCERT	National Council of Educational Research and Training	RRC	Red Ribbon Club
NGO	Non-Governmental Organization	RTI	Reproductive Tract Infection
NHM	National Health Mission	SACS	State AIDS Control Society
NIB	National Institute of Biologicals	SA-ICTC	Stand-Alone ICTC
NIMHANS	National Institute of Mental Health and Neurosciences	SBCC	Social and Behaviour Change Communication
NRL	National Reference Laboratories	SBTC	State Blood Transfusion Council
NMC	National Medical Commission	SDG	Sustainable Development Goal
NTEP	National Tuberculosis Elimination Programme	SIMS	Strategic Information Management System
OI	Opportunistic Infection	SPD	State Prisons Departments
ORW	Outreach Workers	SRL	State Reference Laboratory
OST	Opioid Substitution Therapy	SS	Scrotal Swelling
PCR	Polymerase Chain Reaction	STI	Sexually Transmitted Infection
PLHIV	People Living with HIV	TI	Targeted Intervention
PM&SE	Population Mapping & Size Estimates	TSU	Technical Support Unit
PPP	Public-Private Partnership	UD	Urethral Discharge
PPTCT	Prevention of Parent to Child Transmission	UNAIDS	The Joint United Nations Programme on HIV/AIDS
PT	Presumptive Treatment	UT	Union Territory
RMC	Regular Medical Check-up	VCD	Vaginal/Cervical Discharge
ROT	Route of Transmission	VDRL	Venereal Disease Research Lab
RPR	Rapid Plasma Reagent	VL	Viral Load
		WCD	Women and Child Development

EXECUTIVE SUMMARY



Executive Summary

01

"Sankalak - Status of National AIDS Response" is the evidence driven flagship report of National AIDS Control Programme (NACP), detailing the National AIDS response toward attaining Sustainable Development Goal (SDG) 3.3 of ending the AIDS epidemic as a public health threat by 2030. This report presents the crucial programmatic and epidemic data Nationally and by State/ Union Territories (UTs) under NACP. In this edition of Sankalak, the progress across HIV care continuum for the financial year 2020-21 is summarized.

02

Nationally, 23.19 lakh (18.33 lakh – 29.78 lakh) PLHIV is estimated, with adult (15–49 years) HIV prevalence of 0.22% (0.17%–0.29%) in 2020. This includes around 81 thousand Children Living with HIV/AIDS (CLHIV; <15 Years) accounting for 3.4% of the total PLHIV estimates. The National prevalence continued to decline from its peak level of 0.54% in 2000-2001 through 0.33% in 2010 to 0.22% in 2020. Though, overall prevalence at National level is low, it is higher than the National average in Mizoram, Nagaland and Manipur. Other States/UTs estimated to have adult HIV prevalence higher than the National average are Andhra Pradesh, Meghalaya, Telangana, Karnataka, Delhi, Maharashtra, Puducherry, Punjab, Goa and Tamil Nadu.

03

HIV epidemic in India continues to have multiple epidemics. While HIV prevalence among IDU (6.26%) is comparatively higher than other high-risk population. Other population with high-risk behaviour having HIV prevalence 6 to 13 times higher than National average are H/TG (3.14%), MSM (2.69%), Prison inmates (2.10%) and FSW (1.56%). While HIV prevalence among IDU is much higher in many States of the north-eastern, eastern, central, and northern India, the western and southern part of the country have much lower prevalence than the national average. On the other hand, among MSM and FSW, high prevalence has been noted from all regions of the Country.

04

Around 57.55 thousand (28.51 thousand – 113.70 thousand) new HIV infections. The new HIV infection has declined by 48% since 2010 as baseline and by 89% since attaining the peak in 1997. Though India's AIDS response continues to be successful, the response needs to be adequately accelerated to attain the envisaged target "80% reduction in new HIV infections". The decline in annual new HIV infections is noted in all States except for Tripura, Arunachal Pradesh, and Dadar Nagar Haveli and Daman Diu. Highest decline is noted in Karnataka, followed by Himachal Pradesh and Gujarat.

05

Approximately 31.94 thousand (20.50 thousand – 52.01 thousand) AIDS-related deaths estimated in 2020 which has declined by 82.24 % since 2010. Annual AIDS-related deaths are estimated to have declined from 2010 to 2020 in nearly all states excluding Puducherry, Meghalaya, and Arunachal Pradesh. AIDS-related deaths have declined by more than 85 % in the States of Punjab, Telangana, Tamil Nadu, West Bengal, Himachal Pradesh, Karnataka and Maharashtra.

06

There are 144 districts (in 20 States) which either have a prevalence of $\geq 1\%$ or have more than 5000 estimated PLHIV. These 144 high priority districts have almost 63% of the total PLHIV, 49% of total new infections (15+ years) and 55% of the total PMTCT needs. High- priority districts are largely located in the southern States; Karnataka (21), Andhra Pradesh (13), Telangana (12) and Tamil Nadu (11), western States' Maharashtra (20) and Gujarat (4), northern States; Delhi (7), Uttar Pradesh (5) and Punjab (4), eastern States; Bihar (8) and West Bengal (6) and north-eastern States; Manipur (9), Mizoram (8) and Nagaland (6). These States also have most of the moderate-priority districts including 21 in Uttar Pradesh followed by 14 in Tamil Nadu, 12 in Telangana, 11 in Maharashtra, 10 in Rajasthan, 9 in Gujarat and 8 each in Karnataka and Bihar. This granularity of data based on District level Estimates 2020 augments the insights into the heterogeneity of the HIV/AIDS epidemic in the country informative for local (district level) planning and prioritisation going forward towards the HIV/AIDS 'END GAME' in India (Sustainable Development Goal target 3.3).

07

Nationally, 78% out of estimated PLHIV were aware of their HIV status, 83% were on ART and 85% were virally suppressed. Globally, in 2020, 84% of estimated PLHIV were aware of their HIV status, 87% were on ART and 90% showed viral suppression.

08

The National Toll free AIDS Helpline (1097) provides information, counselling, referral and feedback services regarding HIV/ AIDS to the callers. The Helpline had also served as the most effective IT tool for the programme in enabling access to services during the COVID-19 pandemic for people living with HIV (PLHIV) in the country. The Helpline has recorded approx. 4.3 lakh calls. Majority of the calls received were from the people in the age group of 25 to 39 years followed by the age group of 15 to 24 years. The gender-wise call data indicates that nearly 94% of the callers on helpline are males and only 6% are females.

09

The HIV and AIDS (Prevention and Control) Act, 2017 is the primary legislation protecting and promoting the rights of people living with HIV (PLHIV). In Chhattisgarh, Punjab, Madhya Pradesh, Jharkhand, Karnataka, Himachal Pradesh, Bihar, Nagaland, Andaman & Nicobar Rules have been notified and Ombudsman has been placed to ensure an effective implementation of the Act. While Gujarat, Manipur, Jammu & Kashmir, Assam, and Rajasthan have notified the rules and are on the verge of placing an Ombudsman.

10

Key youth interventions under the NACP are Adolescence Education Programme (AEP) and Red Ribbon Club (RRC). AEP is being implemented through more than 50,000 schools. The AEP is functional in all the States except Maharashtra, Uttar Pradesh, and Madhya Pradesh. While 12,546 Red Ribbon Clubs constituted/functional in colleges under the program.

11

Mainstreaming and Partnership is an integral part of the national programme to build a multi-sectoral response to HIV and AIDS. Towards 'integrated responses' NACO has signed Memoranda of Understanding (MoU) with 18 Departments/Ministries.

12

Targeted Intervention (TI) programme provides a package of prevention, support and linkage services to a focused group of HRGs in a defined geography through a peer-led, outreach-based service delivery model in partnership with NGOs and CBOs. During 2020-21 against the estimated key population, >95% FSWs, 88% MSM, >=95% IDU and 95% of the H/TG people had been covered under the programme through 1, 472 TIs. Around 60% - 70% of HRGs covered under the TIs were tested in FY 2020-21. Among those who found HIV seropositive, on an average 90% of FSW, 93% of MSM, 77% of IDU and 50% of H/TG were linked to ART.

13

Opioid Substitution Therapy (OST) has been adopted under the programme as a harm reduction strategy to prevent HIV infection among Injecting Drug Users (IDUs) since 2007. In 2020-21, 28% of IDUs were covered through 232 OST centres under the programme.

14

NACO through respective SACS and in collaboration with State Prisons Departments (SPD) and departments of Women and Child Development (WCD) has been implementing HIV and TB interventions in a phased manner across the country since 2017. During 2020-21, prison intervention is being implemented in 1,059 prisons covering approximately 9 lakhs prison inmates. 2,122 HIV positive cases were diagnosed and of them 85% were linked to ART.

15

As a no-cost intervention under the National AIDS Control Program, the Employer Led Model (ELM) was created to provide HIV/AIDS prevention care services to informal labourers who are directly or indirectly linked to the industries. As of March 2021, NACO had partnered with 1067 industries and of them 868 industries are implanting activities in 26 states, covering 2,37,653 workers/ migrants for various HIV/AIDS related services.

16

HRGs and vulnerable populations in rural areas are covered by the Link Workers Scheme (LWS). In 2020-21, LWS was implemented in 138 districts across the country covering around 18.88 lakh people including 1.56 lakh pregnant women and 0.42 lakh PLHIV.

17

People who have Sexually Transmitted Infections/ Reproduction Track Infections are at higher risk to acquire HIV and hence management of STIs/RTIs is continued to be a key component of the NACP. Through 1,822 DSRCs (as of now there are 1 DSRCs per 1 million 15+ old population), 70 lakhs STI/ RTI client visits were managed in 2020-21. Of them, around 34.9% were females and 27.4% males. Whereas 1.5% of visits were done by Hijra/Transgender (H/TG) people. 15% of total number of clients' visit to DSRC were in Maharashtra, followed by contribution of 10% from States of Uttar Pradesh and 9% from Karnataka and Madhya Pradesh each.

18

Diagnosis of STI/RTI is made on syndromic/clinical/etiological basis. The number of STI/RTI syndromic diagnosis at DSRCs was 15.74 lakh in 2020-21. Around 71% of reported diagnosis was among females, followed by 29% among males and very few (0.23%) among H/TG.

19

Laboratory tests including RPR/VDRL, total Gram stain, KOH test etc., are also performed at DSRCs. While % reactive ($\geq 1:8$) for syphilis has Nationally ranged between 0.2% to 1.6% in 2020-21, it is relatively higher among H/TG people. Overall, reactivity of the RPR/ VDRL test was high in Meghalaya (2.6%), Sikkim (1.3%), and Arunachal Pradesh (1.2%).

20

In 2020-21, a total of around 1.03 crore blood units were collected at 3500 licensed Blood Centres, meeting 71% of the estimated clinical demand of the country. Of which 58 lakhs Blood units were collected through 1,131 NACO supported blood centres where 74% were collected through Voluntary Blood donation.

21

Mandatory testing of all donated blood units for transfusion-transmissible infections (TTI) of HIV, hepatitis B (HBV), hepatitis C (HCV), syphilis and malaria is a fundamental activity across all the blood centres in the country. The sero-positivity of the HIV and HCV is almost stable over years while same appears to be declining for HBV and Malaria. Sero-positivity for syphilis appears to have a rising trend. Blood Transfusion Services division has been transferred to Directorate General of Health Services, (DGHS), Ministry of Health and Family Welfare from NACO w:e:f 01-04-2021 as directed by the Hon'ble Health and Family Welfare Minister.

22

There were around 33,862 ICTC (5,354 Standalone ICTC) offering HCTS across the country where around 1.83 crore beneficiaries (General Individual excluding Pregnant women) received HIV counselling and testing. Almost 64% of the HCTS uptake is from SA-ICTC, which is less as compared to 70% in 2019-20. The decline in the HCTS uptake could be attributed to the COVID-19 Pandemic.

23

There were around 1 lakh HIV positive cases with a sero-positivity of 0.55%. Of the total HIV positive cases diagnosed, Maharashtra (11.6%) has reported highest HIV sero-positives, followed by Andhra Pradesh (9.8%), Karnataka (9.5%), Uttar Pradesh (8.5%), Punjab and Telangana (6.8% each), Bihar (6.5%), Tamil Nadu (5.0%), Gujarat (5.1%), Rajasthan (4.2%), Madhya Pradesh (3.5%), Delhi (3.4 %) & Odisha (2.0 %). These 15 states were having 88.5% of the total positive cases reported in 2020-21. However, the highest sero-positivity was seen in the State of Mizoram (3.56%) among at-risk population (excluding pregnant women) followed by Meghalaya (1.52%), Telangana (1.49%), Nagaland (1.38%), Andhra Pradesh (1.31%) and Bihar (1.13%), Punjab (1.03%) and Delhi (1.01%).

24

Spouse /partner testing among HIV positive cases is 46% in 2020-21. However, there is wide interstate/UT variation. In States of Punjab, Jammu & Kashmir, Delhi, Mizoram, Manipur, Meghalaya, and Tripura; less than one third of the spouse/partner of HIV positive individual availed counselling and testing services. On the other side, in Jharkhand 94% of spouses/ partners were counselled and tested for HIV, followed by Odisha 67%, Uttar Pradesh 63%, and Sikkim 62%.

25

Collaboration between NACP and NTEP has helped in enhancing HIV testing coverage amongst notified TB and presumptive TB cases and the Intensified TB Case Finding activities are being implemented, with efforts to ensure universal access to HIV-TB collaborative services.

26

Early initiation of HIV infected people on lifelong antiretroviral therapy (ART) and subsequent retention has been integral to AIDS response in India. There were around 14.94 lakh PLHIV were on ART as of March 2021. This includes 13.80 lakh PLHIV availing free lifelong ART from 619 ART centres under NACP. Of them, around 51% (around 7.00 lakh) were males, 49% were females (6.76 lakh) while few (0.04 lakh) were hijra/transgender (H/TG) people. Overall, 4.7% (0.65 lakh) were on second line ART while around three thousand were on third line ART.

27

In 2020-21, among HIV infected people identified at HIV counselling and testing centers, 94% of PLHIV were initiated on ART. In Puducherry, ART initiation was only 51%. While Arunachal Pradesh, Assam, Bihar, Delhi, Haryana, Meghalaya, Odisha, Sikkim were states with ART initiation among detection ranging between 76% to 89%. In other remaining states, ART initiation was above 90%.

28

Once initiated, lifelong retention on ART and adherence is critical to achieve and maintain the status of viral suppression and thus eliminating chances of further transmission of virus. Nationally, 12-month retention on ART was 71% in 2020-21, which has decreased as compared to 75% in 2019-20 which is attributable to the lockdown during COVID 19 pandemic. The lowest retention rate was recorded in Tripura (48%). Decreasing Loss to follow-up (LFU) of PLHIV is critical to improving retention. In 2020-21, there were 162 PLHIV as LFU for every 1000 PLHIV on ART with a total of around 2.25 lakh LFU PLHIV. As on March 2021, Maharashtra has the highest number of LFU PLHIV contributing 26% of the total LFU PLHIV in country followed by Karnataka (10%), Andhra Pradesh, Telangana, (9% each), Delhi (6%), Punjab and Gujarat (5% each).

29

Viral load testing under the NACP aims to monitor the effectiveness of treatment of patients taking lifelong Antiretroviral Therapy. During 2020-21, around 8.90 lakh viral load tests were conducted through Public Private Partnership. CD4 testing is used for monitoring of immunological response in PLHIV and hence, the testing is being done at baseline and thereafter every 6 months). The CD4 testing is also being done for management of opportunistic infections and Immunological failure and additionally as per clinical condition and at the discretion of treating physician. During the same period, a total of 1,09,950 CD4 tests were performed.

30

Laboratories produce test results that are widely used in clinical and public health settings, and health outcomes depend on the accuracy of the testing and reporting. The assurance of quality in HIV testing services and molecular testing is ensured through the implementation of External Quality Assessment (EQA).

31

In 2020-21, against estimated Prevention of Mother to Child Transmission (PMTCT) needs of 20,900, the coverage of HIV positive pregnant women was 56% (11,744) through HCTS Public and private facilities. Of those diagnosed HIV positive, 10,937 were initiated on or were already on life-long ART. While 85% infants born to HIV positive mothers were put on ARV prophylaxis. To achieve the target of elimination of Mother-to-child transmission of HIV, there is a need of significant improvement since overall coverage of PPTCT cascade service is low at National level as well as inter-State level.

1.

STATUS OF HIV/AIDS EPIDEMIC



1.1 Introduction

National AIDS Control Programme (NACP) in India undertakes mathematical HIV burden estimations exercise to provide update on the magnitude and directions of the HIV/AIDS epidemic in the country through robust institutional mechanism under surveillance and Epidemiology using data collected through HIV Sentinel Surveillance (HSS) programme coverage, National Family Health Survey, and relevant studies. First HIV estimation in India was conducted in 1998 while the 2020 is the latest round of estimation in the series using UNAIDS recommended and globally accepted latest version of Spectrum tool. Taking clues from the recommendations of UNAIDS the results from each round of estimation cannot be compared

with any of previous or subsequent round of estimation.

Since 1998, HIV Estimations in India has evolved significantly in terms of technical rigor and has set global benchmarks many times. Country wide district-level HIV burden estimations (2019) under the NACP is a global first robust and largest estimates. The granularity of data augments the insights into the heterogeneity of the HIV/AIDS epidemic in the country informative for local (district level) planning and prioritisation going forward towards the HIV/AIDS 'END GAME' in India (Sustainable Development Goal target 3.3)

1.2 Overview

Nationally, there were an estimated 23.19 lakh (18.33 lakh – 29.78 lakh) PLHIV, with an adult (15–49 years) HIV prevalence of 0.22% (0.17%–0.29%) in 2020. This includes around 81 thousand CLHIV (<15 Years) accounting for 3.4% of the total PLHIV estimates. The national prevalence continued to decline from its peak level of 0.54% in 2000-2001 through 0.33% in 2010 to 0.22% in 2020.

There were 57.55 thousand (28.51 thousand –113.70 thousand) estimated new HIV infections in 2020, which has declined by 48% since 2010 as baseline and by 89% since attaining the peak in 1997 with HIV

incidence of 0.04 (0.02-0.09) per 1,000 uninfected population in 2020. It declined from 0.57 per 1,000 uninfected population in 1997 through 0.09-0.10 in 2009-10 to 0.04 per 1,000 HIV uninfected individuals in 2020.

There were approximately 31.94 thousand (20.50 thousand – 52.01 thousand) AIDS-related deaths estimated in 2020 which has declined by 82.24 % since 2010. The estimated AIDS-related mortality per 100,000 population was peaked at 24.34 per 100,000 in 2005 and declined through 15.13 in 2010 to 2.37 in 2020.

Table 1.1: National Summary of the HIV/AIDS Epidemic, 2020

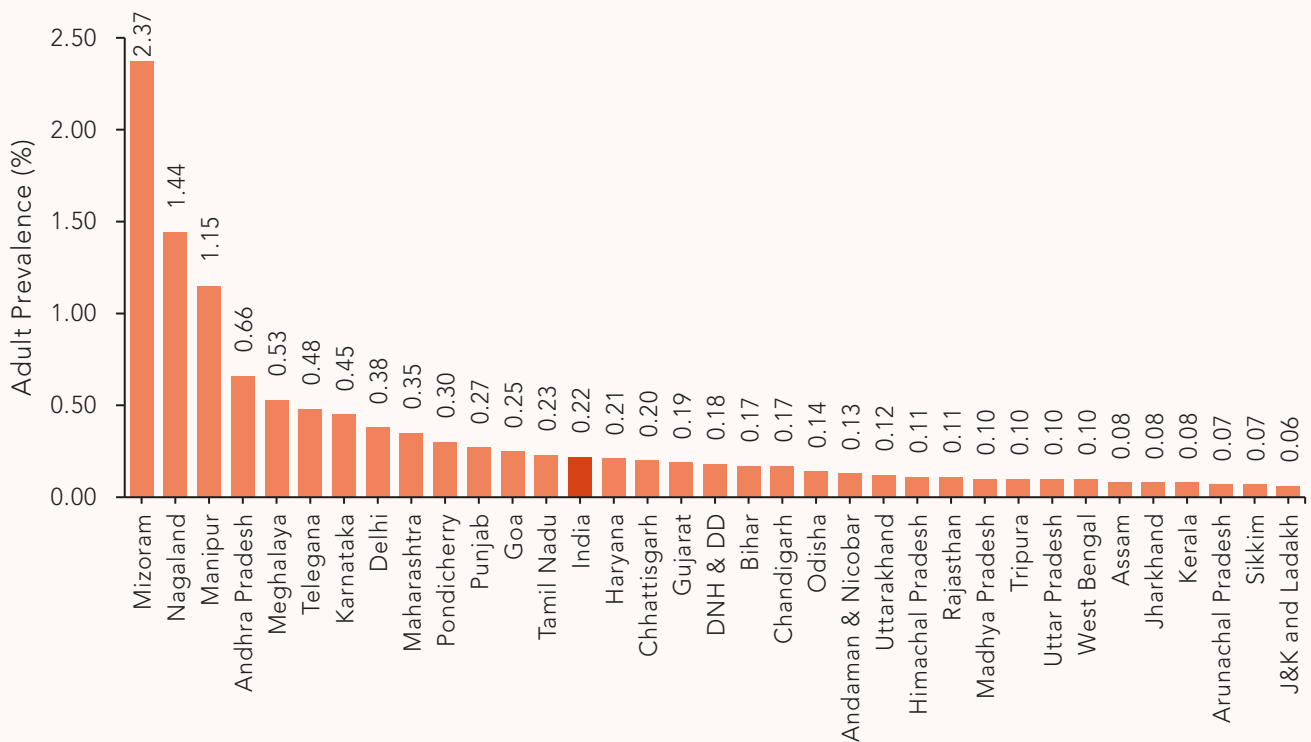
		Estimate (Lower Bound - Upper Bound)
Adult (15-49 Yrs.) Prevalence	Total	0.22% (0.17-0.29)
	Male	0.23% (0.18-0.34)
	Female	0.20% (0.15-0.26)
Number of people living with HIV	Total	23,18,738 (18,33,277-29,77,830)
	Adults (15+ years)	22,37,308 (17,73,563-28,69,016)
	Women (15+ years)	9,88,279 (7,82,107-12,67,941)
	Children (<15 years)	81,430 (58,650-1,09,358)
New HIV Infections	Total	57,548 (28,510-1,13,695)
	Adults (15+ years)	51,802 (25,154-1,04,339)
	Women (15+ years)	21,953 (10,595-45,101)
AIDS-related deaths	Total	31,944 (20,467-52,007)
	Adults (15+ years)	28,361 (18,377-46,197)
	Women (15+ years)	7,201 (4,046-12,837)
PMTCT need	Total	20,926 (15,328-29,075)

1.3 Adult (15-49 years) HIV Prevalence

While overall national prevalence continues to be low, there is significant inter-State diversity. States of Mizoram (2.37% [1.90-2.86%]), Nagaland (1.44% [1.15%-1.78%]), and Manipur (1.15% [0.93-1.41%]) had adult prevalence of 1% or higher. Other states/UTs estimated to have adult HIV prevalence higher than the National average are Andhra Pradesh (0.66%

[0.54-0.84]), Meghalaya (0.53% [0.48-0.58]), Telangana (0.48% [0.37-0.63]), Karnataka (0.45% [0.37-0.55]), Delhi (0.38% [0.33-0.45]), Maharashtra (0.35% [0.25-0.56]), Puducherry (0.30% [0.18-0.44]), Punjab (0.27% [0.21-0.33]), Goa (0.25% [0.18-0.38]), and Tamil Nadu (0.23% [0.16-0.29]).

Figure 1.1: State/UT-wise estimated adult HIV prevalence, India HIV Estimation 2020

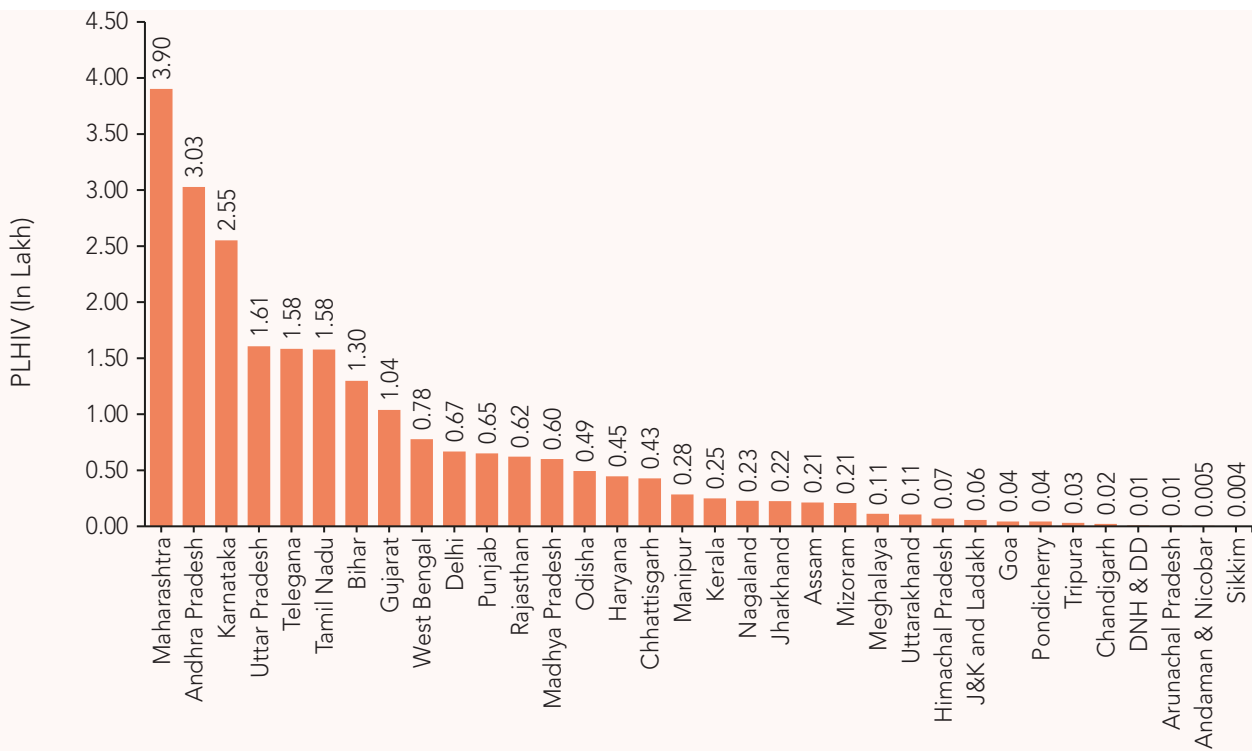


1.4 People living with HIV (PLHIV)

The adult prevalence is highest in some of the north-eastern States. However, the highest disease burden is among States in western, southern, central, and eastern region of the country. Maharashtra (3.90 lakh), Andhra Pradesh (3.03 lakh) and Karnataka (2.55 lakh) are three States with highest HIV/AIDS epidemic burden. Uttar Pradesh,

Telangana, and Tamil Nadu each has disease burden in the range of 1.58 lakh to 1.61 lakh. Bihar and Gujarat are other States with estimated PLHIV size of more than 1 lakh in 2020. Together, these 8 States constituted around 72% of the total PLHIV estimates in the country.

Figure 1.2: State/UT-wise estimated PLHIV Size, India HIV Estimation 2020

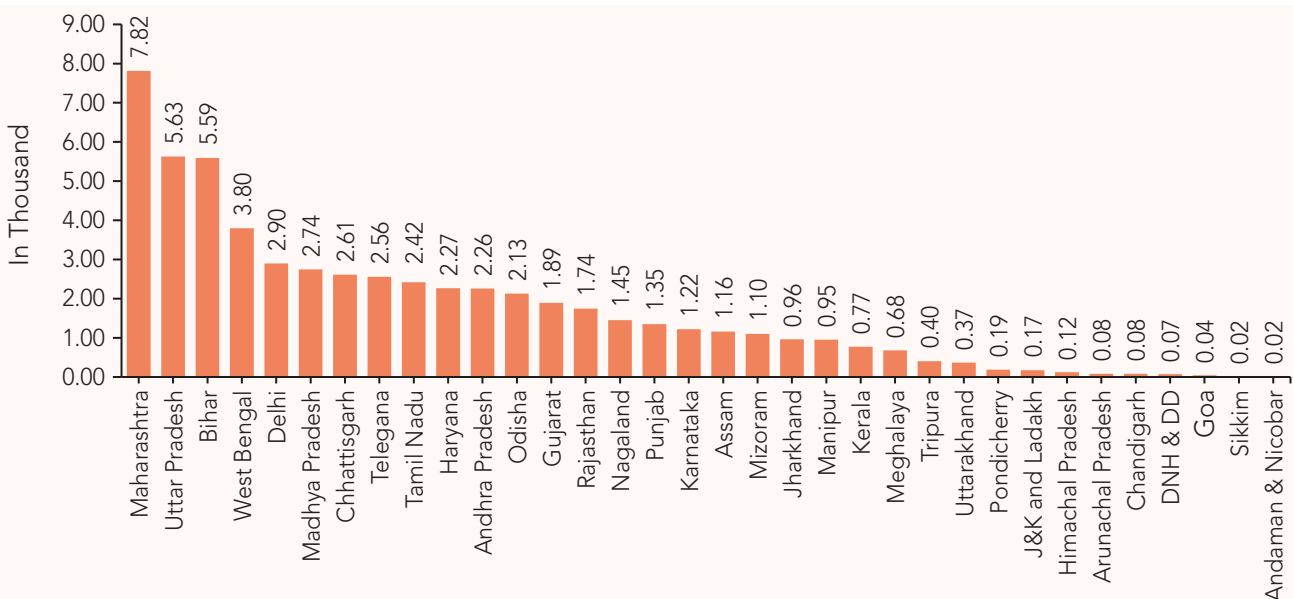


1.5 New HIV Infections

Nationally, there were 57.55 thousand (28.51-113.70 thousand) estimated new HIV infections in 2020. State/UT-wise, Maharashtra is estimated to have the highest number of new HIV infections in 2020 (7.82

thousand) followed by 5.63 thousand in Uttar Pradesh, 5.59 thousand in Bihar, 3.80 thousand in West Bengal, 2.90 thousand in Delhi and 2.74 thousand in Madhya Pradesh.

Figure 1.3: State wise estimated new HIV infections, India HIV Estimation 2020



Nationally, annual new HIV infections have decreased by 48% since 2010. The decline in annual new HIV infections has been noted in all States except for Tripura, Arunachal Pradesh, and Dadar Nagar Haveli and Daman Diu. Highest decline has been noted in

Karnataka (82%) followed by Himachal Pradesh (78%) and Gujarat (72%). Annual new HIV infections are estimated to have increased in Tripura, Arunachal Pradesh, and Dadar Nagar Haveli and Daman Diu. While it is stable in Chhattisgarh.

Figure 1.4: State/UT-wise percent change in estimated annual new HIV infections between 2010 and 2020

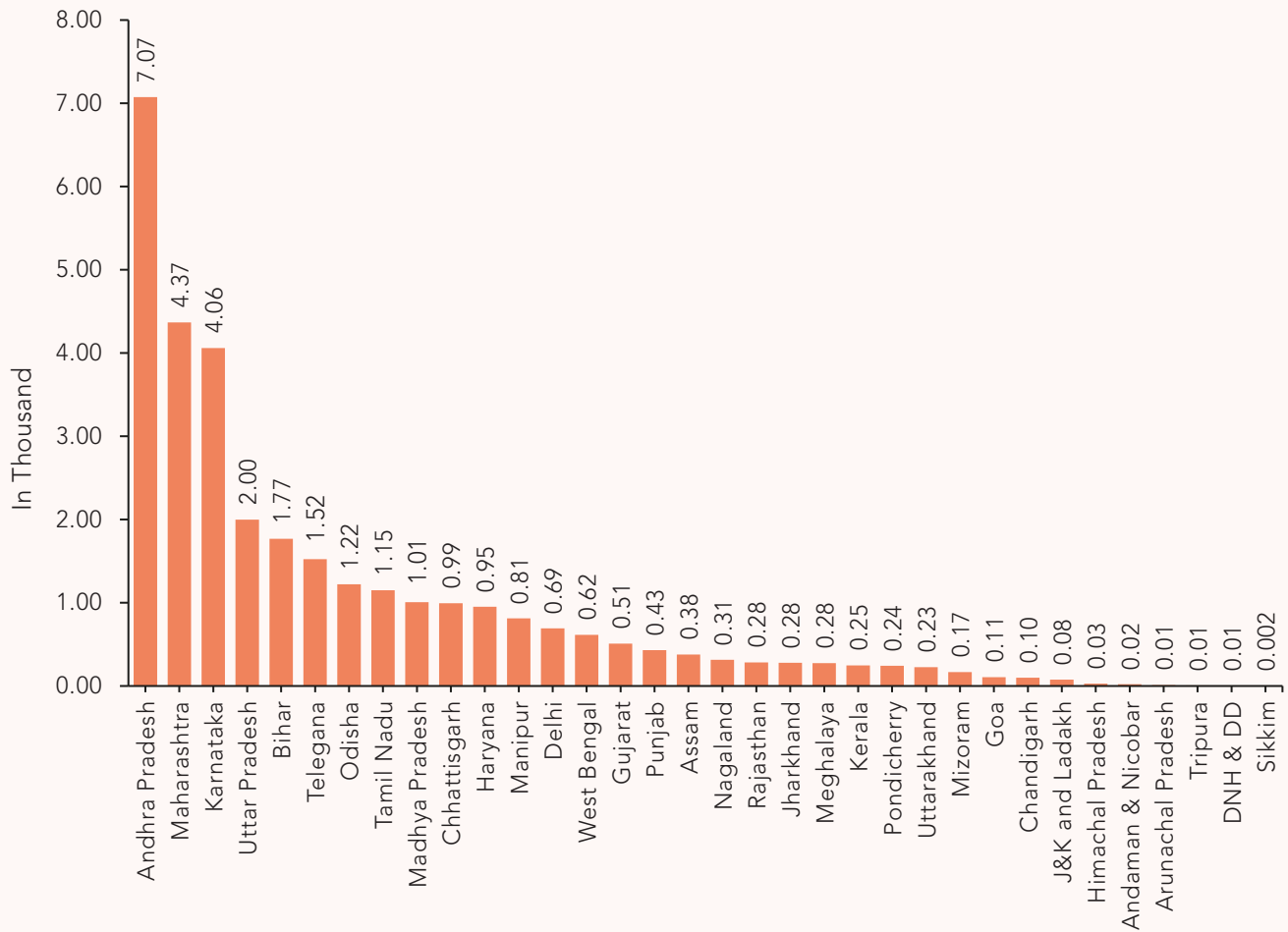


1.6 AIDS Related Deaths

Nationally, 31.94 thousand (20.50 – 52.01 thousand) AIDS-related deaths is reported during 2020. State/UT-wise, Andhra Pradesh is estimated to have the highest number of AIDS deaths in 2020 (7.07

thousand) followed by 4.37 in Maharashtra, 4.06 thousand in Karnataka, 2.00 thousand in Uttar Pradesh, 1.77 in Bihar, 1.52 thousand in Telangana, 1.22 thousand in Odisha.

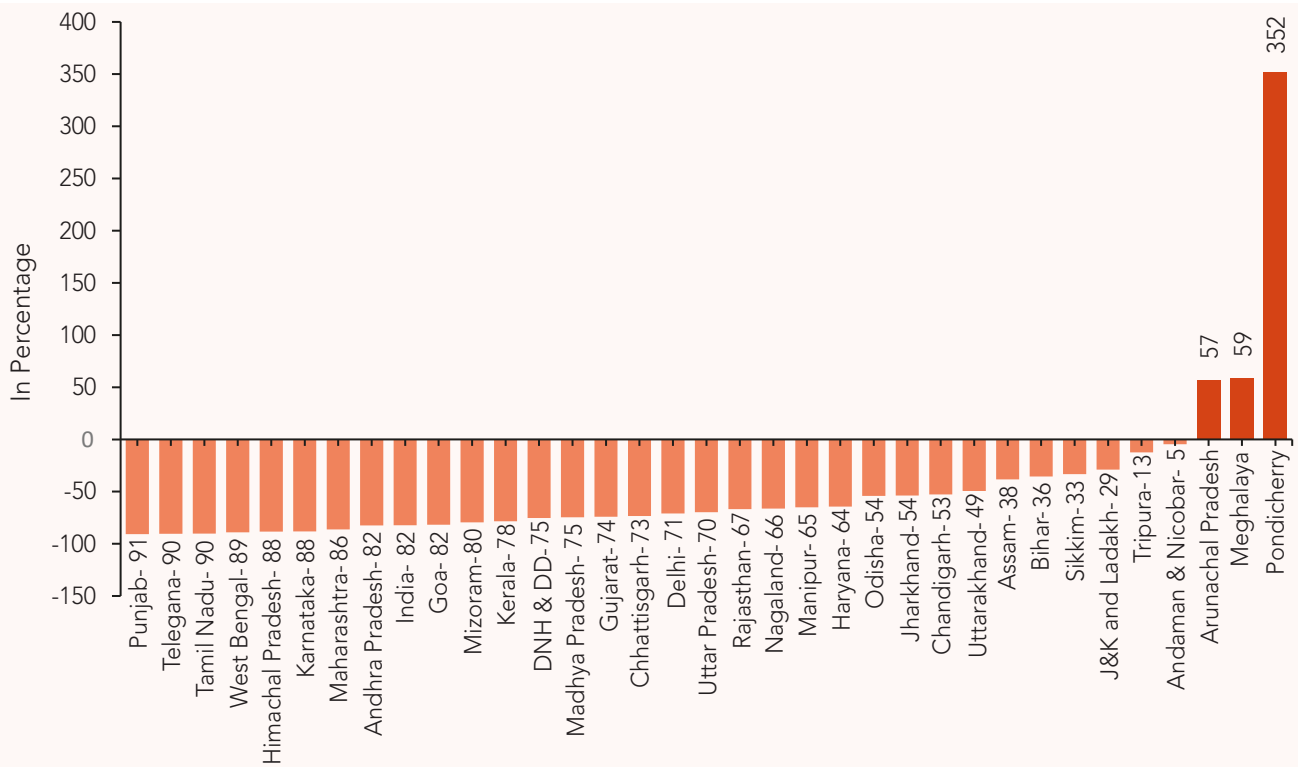
Figure 1.5: State/UT-wise AIDS related deaths, India HIV Estimation 2020



State-wise, annual AIDS-related deaths are estimated to have declined from 2010 to 2020 in nearly all states excluding Meghalaya, and Arunachal Pradesh. AIDS-related deaths have declined by more than 85 % in the States of Punjab, Telangana, Tamil Nadu, West Bengal, Himachal

Pradesh, Karnataka and Maharashtra. While in Uttar Pradesh, Chhattisgarh, Gujarat, Madhya Pradesh, Kerala, Mizoram, Andhra Pradesh, and Goa were the States where AIDS-related deaths have declined by 70-85% since 2010.

Figure 1.6: State/UT-wise percent change in estimated annual AIDS related death between 2010 and 2020



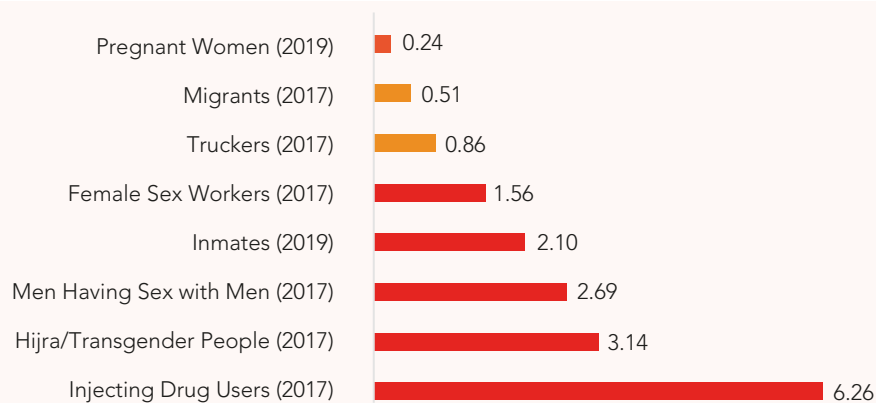
1.7 HIV Prevalence by Population Groups

There are eight population groups covered under periodic HIV surveillance. For ANC and inmates at central jails, the last round of surveillance was conducted in 2019 while for FSW, MSM, IDU, H/TG people, migrants, and long-distance truckers (LDT) was conducted in 2017. Figure 1.7 depicts HIV prevalence in these population groups nationally.

As evident, HIV epidemic in India continues to be

concentrated among high-risk population. HIV prevalence among IDU is almost 28 times higher than that of overall adult prevalence of 0.22%. Similarly, HIV prevalence among H/TG, MSM and FSW also have HIV prevalence which is 6 to 13 times higher than the adult prevalence. Among inmates at central jails, where population with high-risk behaviour are over-represented, HIV prevalence is almost 9 times higher than the adult prevalence.

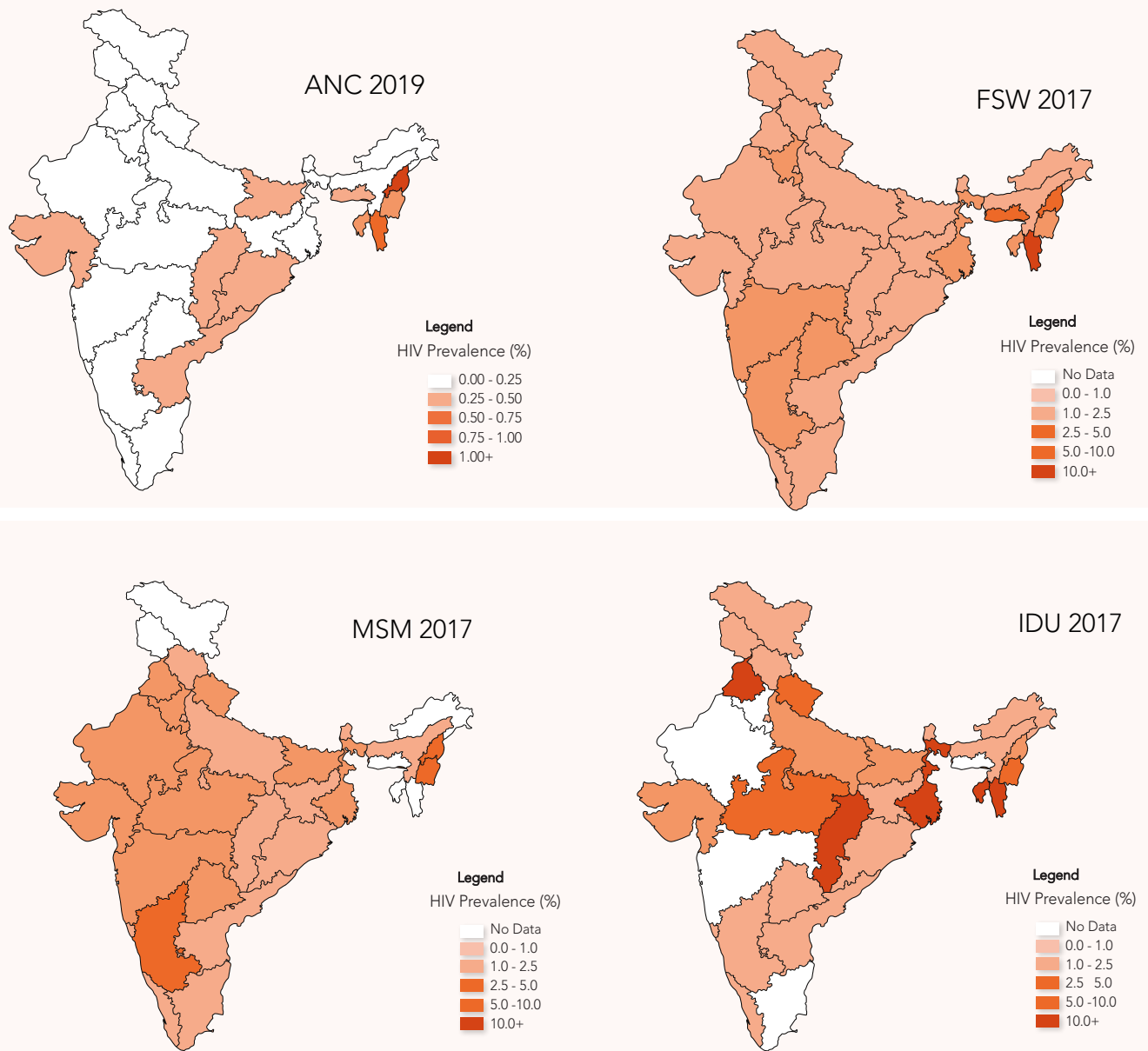
Figure 1.7: HIV Prevalence in different population groups



Results from HIV Surveillance indicates that India continues to have multiple epidemics. While HIV prevalence among IDU is much higher in many States of the north-eastern, eastern, central, and northern India, the western and southern part of

country have much lower prevalence than the national average. On the other hand, among MSM and FSW, high prevalence has been noted from all regions of country.

Figure 1.8: State/UT-wise map showing HIV prevalence in different States



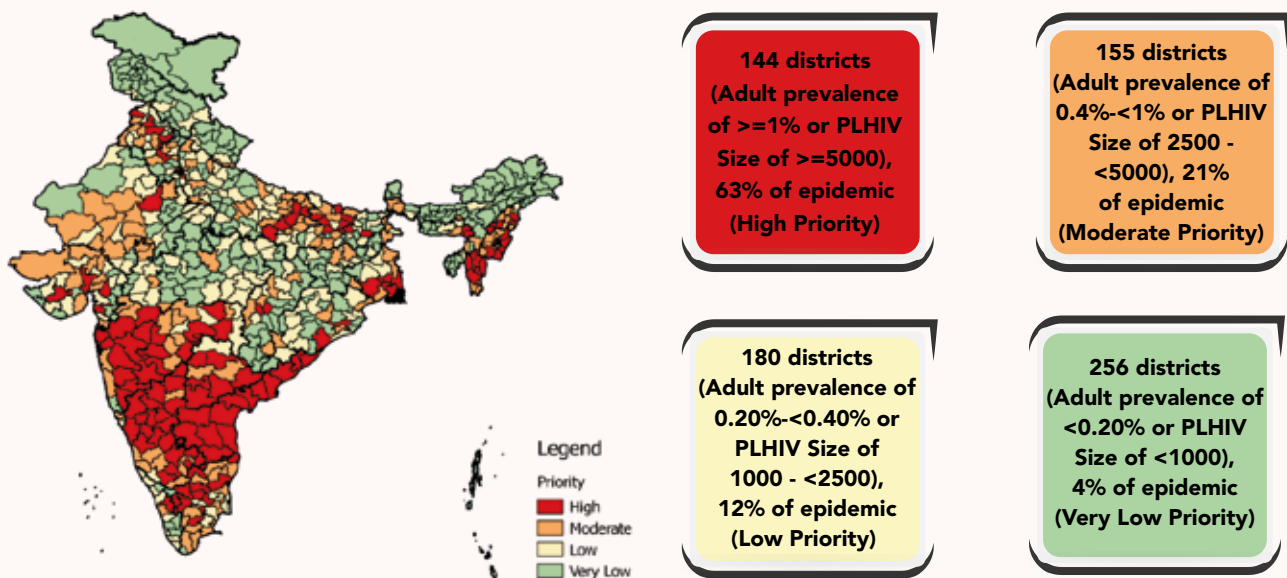
1.8 District Level HIV Burden

The district level prioritization done on the basis of adult HIV prevalence and PLHIV size takes into the account diversity of the HIV epidemic in the country and identifies 299 districts as a moderate and high priority for the programme. Programme focus on these high and moderate priority districts and will cover almost 75% to 85% of the total epidemic in the country providing maximum returns on the investments. However, attainment of the 2025 and 2030 prevention-testing-treatment and EMTCT goals

under NACP will require suitable coverage of the remaining districts also to reach the last mile.

There are 144 districts (in 20 States) which either have a prevalence of $\geq 1\%$ or has more than 5000 estimated PLHIV (Figure 1.9). These 144 high priority districts have almost 63% of the total PLHIV, 49% of total new infections (15+ years) and 55% of the total PMTCT needs.

Figure 1.9: Priority District – District level HIV Burden Estimations 2019



High-priority districts are largely located in the southern States; Karnataka (21), Andhra Pradesh (13), Telangana (12) and Tamil Nadu (11), western States; Maharashtra (20) and Gujarat (4), northern States; Delhi (7), Uttar Pradesh (5) and Punjab (4), eastern States; Bihar (8) and West Bengal (6) and north-eastern

States; Manipur (9), Mizoram (8) and Nagaland (6). These States also have most of the moderate-priority districts including 21 in Uttar Pradesh followed by 14 in Tamil Nadu, 12 in Telangana, 11 in Maharashtra, 10 in Rajasthan, 9 in Gujarat and 8 each in Karnataka and Bihar (Table 1.2).

Table 1.2: State/UT-wise district by priority level, 2019

State/UT	Priority-level				Total Districts
	High	Moderate	Low	Very Low	
Andaman & Nicobar	0	0	1	2	3
Andhra Pradesh	13	0	0	0	13
Arunachal Pradesh	0	0	0	25	25
Assam	0	3	1	29	33
Bihar	8	8	13	9	38
Chandigarh	0	0	1	0	1
Chhattisgarh	2	5	6	15	28
Dadra Nagar Haveli and Daman Diu	0	0	2	1	3
Delhi	7	4	0	0	11
Goa	0	1	1	0	2
Gujarat	4	9	11	9	33
Haryana	2	4	5	11	22
Himachal Pradesh	0	0	3	9	12
Jammu & Kashmir and Ladakh	0	0	1	21	22
Jharkhand	0	3	6	15	24
Karnataka	21	8	1	0	30
Kerala	1	1	8	4	14
Madhya Pradesh	0	5	21	26	52
Maharashtra	20	11	4	1	36
Manipur	9	7	0	0	16
Meghalaya	2	1	3	5	11
Mizoram	8	3	0	0	11
Nagaland	6	5	1	0	12
Odisha	2	4	11	13	30
Puducherry	0	1	0	3	4
Punjab	4	7	10	1	22
Rajasthan	1	10	12	10	33
Sikkim	0	0	0	4	4
Tamil Nadu	11	14	11	2	38
Telangana	12	12	9	0	33
Tripura	0	0	1	7	8
Uttar Pradesh	5	21	28	21	75
Uttarakhand	0	1	3	9	13
West Bengal	6	7	6	4	23
Total	144	155	180	256	735

1.9 Route of Transmission of HIV

HIV/AIDS is transmitted by sexual contact across mucosal surfaces, by maternal-infant exposure, and by percutaneous inoculation. In 2020, an estimated 57.55 thousand people became newly infected by HIV. This represents a reduction in new infections by 47.89 % compared with 2010 as baseline. But declining HIV/AIDS incidence rates have not been uniform across all states and risk groups, highlighting the importance of different transmission routes of HIV. Figure 1.10 shows the self reported route of transmission (RoT) which indicates that

heterosexual transmission is one of the major routes of transmission responsible for nearly 83% of HIV infections. While around 6% of HIV positive cases were reported to have been acquired the infection through infected syringes and needles. Another, 3.4% reported having acquired the infection as a parent to child transmission. In 3.9% cases, the RoT was not specified or could not be ascertained. However, there is a variation across the States as presented in the figure 1.11.

Figure 1.10: Proportional distribution of HIV Positive cases by Route of Transmission (Self-Reported), 2020-21

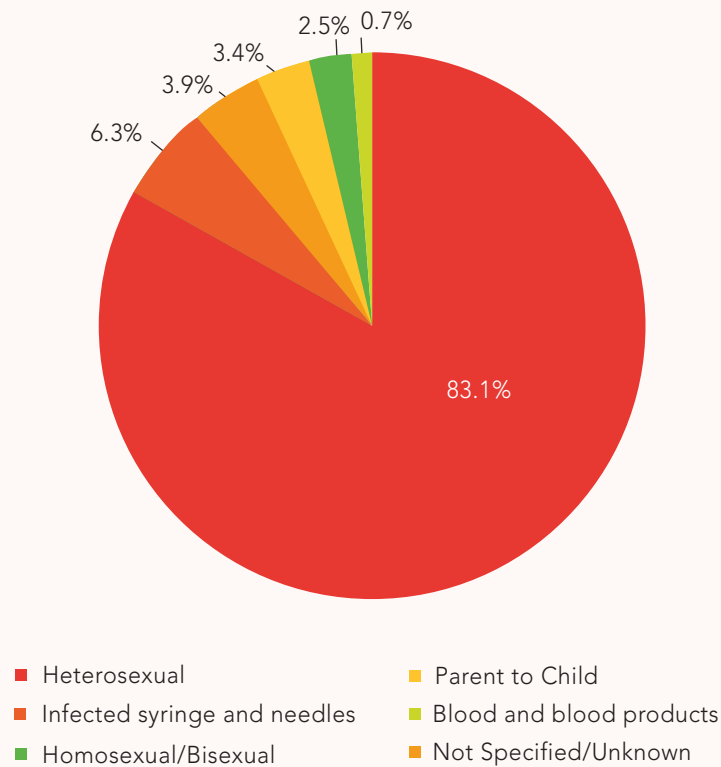
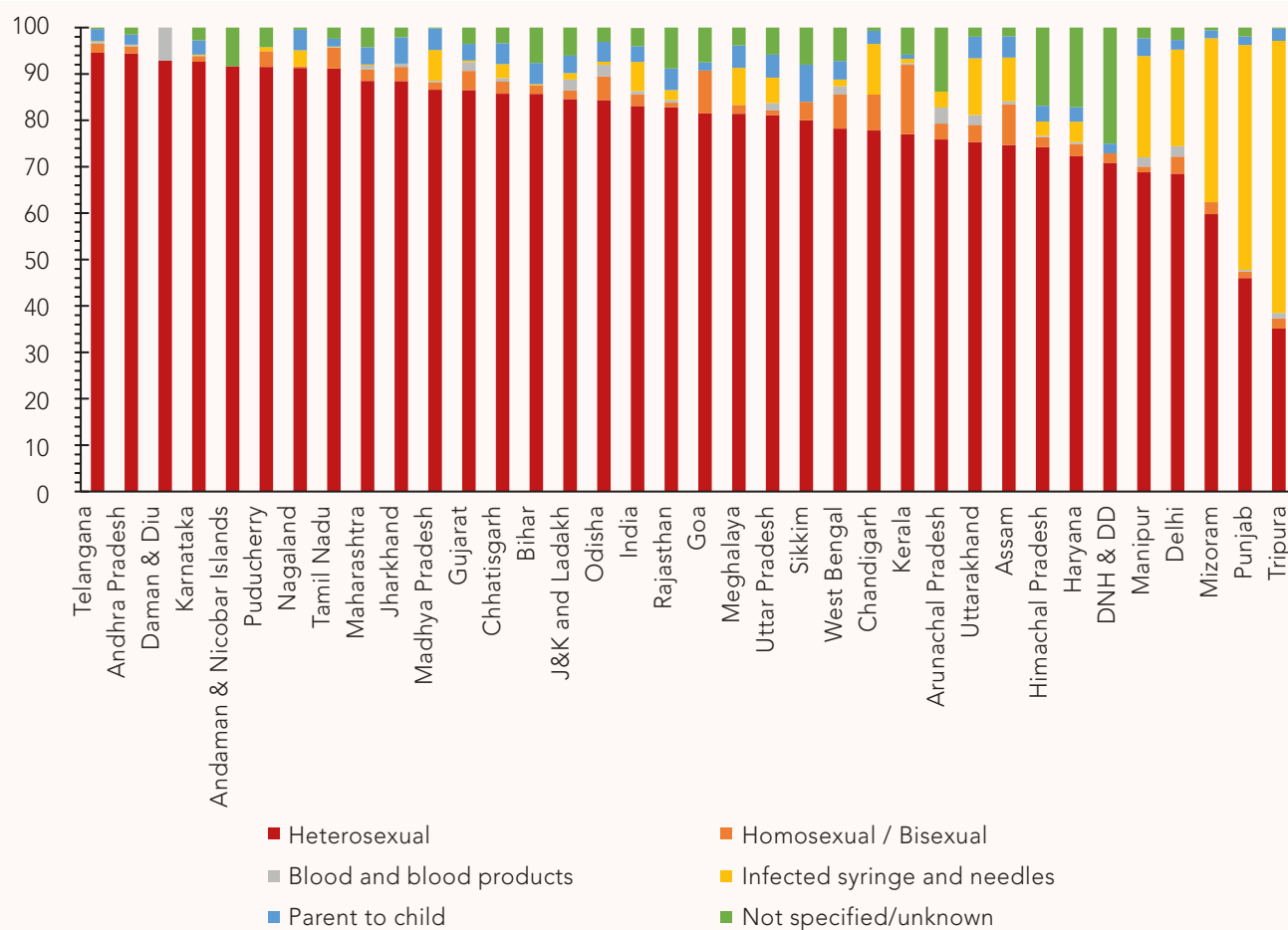


Figure 1.11: State/UT-wise proportional distribution of HIV Positive cases by Route of Transmission (Self-Reported), 2020-21



2.

PROGRESS ON 90-90-90

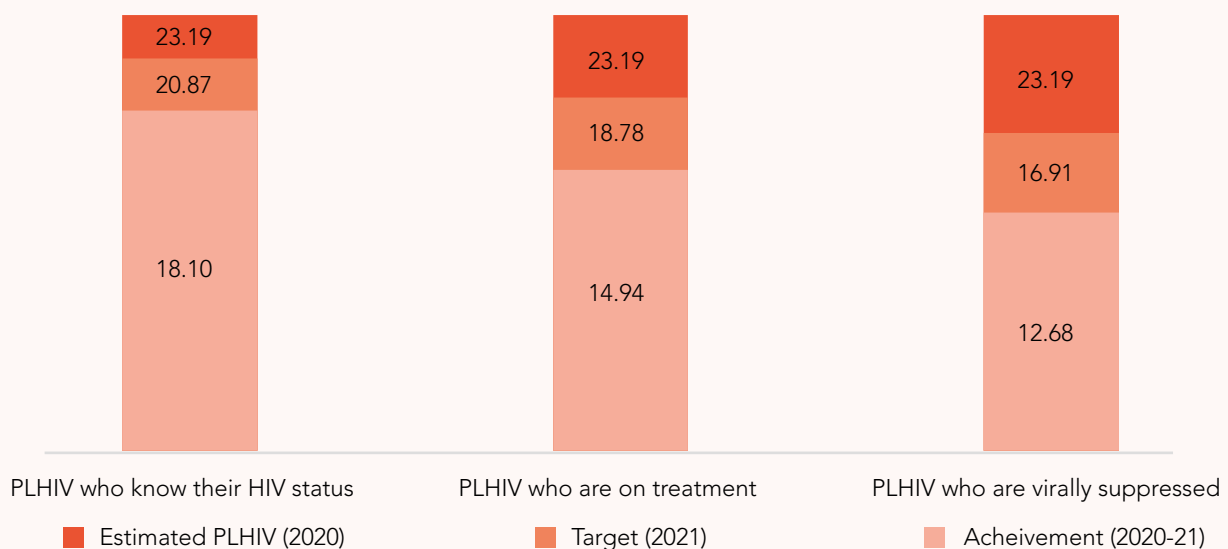


2.1 Introduction

India is committed to achieve the Sustainable Development Goal (SDG)-3, Target 3.3 of “Ending the AIDS epidemic as a public health threat” by 2030. National AIDS Control Programme has adopted attainment of 90-90-90 by 2020 as key targets towards achieving of ‘End of AIDS’ by 2030. This means that by 2020, 90% of the estimated PLHIV know their HIV status (First 90); 90% of all people who know their HIV status are on antiretroviral therapy (Second 90); and 90% of people accessing treatment

have suppressed viral load (Third 90). A full realization of 90-90-90 targets will result into 90% of total estimated number of PLHIV being aware of their HIV status, 81% of them being on ART and 73% being virally suppressed; often referred to as the HIV testing and treatment cascade. This chapter describes the National and State/UT progress on 90-90-90. Progress on HIV testing and treatment cascade for 2020-21 has also been provided.

Figure 2.1: HIV testing and treatment cascade (in Lakh), 2020-21



2.2 Overview

The progress on 90-90-90 is calculated using data from HIV Estimations as well as programme data. Table 2.1 summarises the method to calculate the progress towards 90-90-90.

The estimated number of “People living with HIV” is the denominator for calculating the progress on first 90. This number comes from the periodic HIV Estimations exercise undertaken by the NACP. For the current round of Sankalak, the results of ‘HIV Estimations 2020’ have been used.

The number of “People living with HIV who know their

HIV status” (i.e., numerator for first 90) is calculated from the monthly progress report (MPR) of Anti-retroviral treatment (ART) centres under the programme. The cumulative number of deaths of PLHIV reported at the ART centre is subtracted from cumulative number of PLHIV ever registered at ART centre. The number is further downwardly adjusted for PLHIV who were not on ART and have not come to ART centers since 31st December 2010 and also for the PLHIV declared as “Untraceable” as an outcome of Mission Sampark. As on March 2021, 18.10 lakh PLHIV know their HIV Status.

The number of people “On treatment” is taken from indicator “Number of PLHIV alive and on ART” of the MPR of ART centers under the programme at the end of March month of the financial year concerned. Further, an additional number of 1,05,767 PLHIV are estimated to be taking Anti-retroviral (ARV) from private sector based on ARV wise sales data collected from Association of Indian Origin Chemist and Distributors (AIOCD). It was assumed under the programme that the PLHIV taking ARV under private sector may be already reported as opted out / stopped / LFUs under NACO’s supported ART centres and hence were not included as additional number in numerator of first 90 to avoid double counting. As on March 2021, 14.94 lakh PLHIV were on

antiretroviral treatment (ART).

The number of ‘On ART PLHIV who are virally suppressed’ is taken from the programme monitoring reports. PLHIV on ART who were tested for viral load during the reporting period are taken as denominator and number with suppressed viral load are taken as numerator for calculation of third 90. Between, April 2020 and March 2021, almost 7.87 lakh PLHIV on ART in NACO’s supported ART centres were tested for Viral load. The results of this large-scale testing have been considered to represent viral suppression status of all PLHIV on ART including those in private sector.

Table 2.1. Method of calculating progress on 90-90-90

S. No	Indicator	Definition	Calculation Details	
			Numerator	Denominator
1	First 90	Percent of all PLHIV who know their HIV status	Number of PLHIV who know their HIV status	Estimated number of PLHIV
2	Second 90	Percent of PLHIV who are on ART among those who know their HIV status	Number of PLHIV who are on ART	Number of PLHIV who know their HIV status
3	Third 90	Percent of PLHIV on ART who are virally suppressed	Number of PLHIV on ART who are virally suppressed	Number of PLHIV on ART who are tested for viral load

2.3 Progress on 90-90-90

India has made significant progress towards the achievement of the 90-90-90 targets. At the end of March 2021, 78% of all estimated PLHIV were aware of their HIV status, compared to 84% globally. Nearly 83% of PLHIV who knew their HIV status were receiving ART (globally 87%). While among PLHIV on ART, who were tested for viral load, 85% were virally suppressed which was 88% globally. However, there are some significant inter-state variations in the level of progress toward the 90-90-90 targets.

Table 2.2 provides the State/UT-wise details of progress on 90-90-90. There was no ART centre in Dadar & Nagar Haveli and Daman & Diu and hence their progress could not be measured separately. The data on viral load suppression is not available for Andaman & Nicobar Islands and hence the progress on third 90 for the UT has not been reported. For Lakshadweep, there is no epidemiological estimates or programme data.

Table 2.2: State/UT-wise progress on 90-90-90, 2020-21

State/UT	First 90 (%)	Second 90 (%)	Third 90 (%)
Andaman & Nicobar	30	87	
Andhra Pradesh	86	75	81
Arunachal Pradesh	38	69	74
Assam	54	72	88
Bihar	59	84	85
Chandigarh	>=95	88	93
Chhattisgarh	51	76	86
Delhi	74	73	88
Goa	82	84	86
Gujarat	87	84	85
Haryana	54	73	82
Himachal Pradesh	77	86	84
Jammu & Kashmir and Ladakh	67	77	90
Jharkhand	65	84	83
Karnataka	84	83	81
Kerala	66	97	91
Madhya Pradesh	68	74	81
Maharashtra	90	82	87
Manipur	54	92	93
Meghalaya	39	73	92
Mizoram	67	85	90
Nagaland	59	78	87
Odisha	53	84	87
Puducherry	37	78	86
Punjab	68	77	84
Rajasthan	88	84	83
Sikkim	73	84	89
Tamil Nadu	93	85	85
Telangana	67	>=95	80
Tripura	79	89	85
Uttar Pradesh	68	84	87
Uttarakhand	59	71	86
West Bengal	71	85	90
India	78	83	85

Green	>=80%
Yellow	70-79%
Blue	60-69%
Orange	50-59%
Dark Orange	<50%
NA	

3.

**INFORMATION,
EDUCATION &
COMMUNICATION (IEC),
YOUTH & MAINSTREAMING**



Information, Education & Communication, Youth & Mainstreaming are important components of NACP. With the expansion of services for counselling and

testing, ART, STI treatment and condom promotion, the demand generation campaigns are continuing to be the focus of NACP communication strategy.

3.1 Information, Education & Communication (IEC)

IEC is the key to generate awareness on prevention as well as motivation to access testing, treatment, care and support. Communication strategy aims to increase knowledge among general population (especially youth and women) on safe sexual behaviour, to sustain behaviour change among at risk populations (high risk groups and bridge populations), to generate demand for care, support and treatment services, to strengthen the enabling environment by facilitating appropriate changes in societal norms that reinforce positive attitudes, beliefs and practices to reduce stigma and discrimination.

National Toll-Free AIDS Helpline 1097: Helpline served as the most effective IT tool for NACP in

enabling access to services during the COVID-19 pandemic for people living with HIV (PLHIV) in the country.

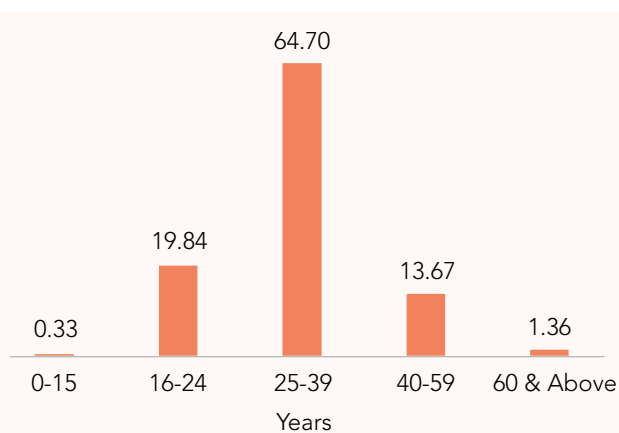
Outbound calling was initiated on the helpline from April 2020 to cater to the clients in need of services. Due to the COVID19 nation-wide lockdown, PLHIV have faced difficulty in reaching out to ART centres for collecting ARV drugs. NACO has issued timely directions to all the States/UTs for Multi-month drug dispensation. PLHIV have reached out to helpline- 1097 from their actual place of residence and door-step delivery of ARV drugs is coordinated and done through the helpline with the support of state teams and partner organizations.

Some of the key concerns raised on the helpline & the actions taken by NACO during the pandemic are detailed below:

Concerns	Actions
Supply Chain Management of ARV drugs	The stock-out situation of ARV drugs reported on 1097 from various ART centres across the country are conveyed to respective SACS and NACO for ensuring immediate supply.
Linking of positive pregnant women to service facilities	Co-ordination with SACS, NACO and partners to link the HIV positive pregnant women to other facilities where their regular centres are designated as COVID facilities.
Availing social protection benefits	Issues reported on the helpline are registered in the grievance portal and appropriate actions were taken by SACS officers in stipulated timelines.
Stigma & discrimination at service facilities	NACO has developed IEC material to combat stigma and discrimination faced by PLHIV during the COVID19 situation. The helpline counsellors are trained for addressing the callers reporting issues related to stigma on helpline with utmost diligence.
Mental health issues of PLHIV	NACO has collaborated with NIMHANS, Bengaluru for building capacity of the helpline counsellors to address issues related to mental health effectively. Callers raising mental health issues like anxiety, depression etc., are provided psychosocial counselling and are redirected to call on NIMHANS helpline – 080- 46110007 for additional support.

Helpline has recorded more than 3.8 million calls from inception in 2014 to till date. During the period of April 2020 to March 2021, the helpline recorded 4,31,348 calls. The helpline currently has 95% caller satisfaction rate.

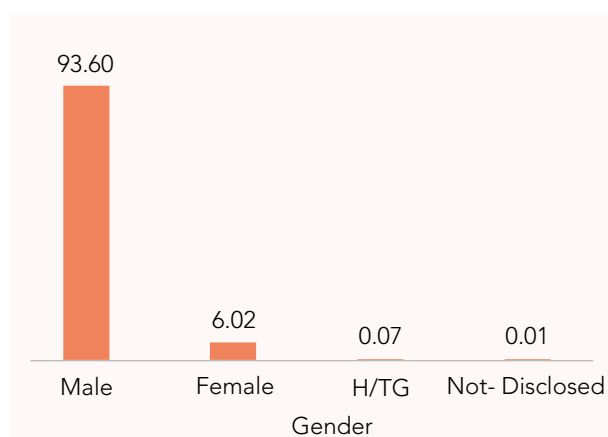
Figure 3.1: Age-wise call details (%), 2020-21



As shown in the figure 3.1, Callers in age group 25 to 39 years have contributed to the maximum call volume on the helpline followed by the age group of

In line with the digital outreach strategies and as the programme now leaps towards adopting virtual interventions for reaching out to the populations, it is envisaged that the scope available through the helpline will be further explored in scaling up its utilization as per the programme need.

Figure 3.2: Gender-wise call details (%), 2020-21



15 to 24 years. The gender-wise call data indicates that nearly 94% of the callers on helpline are males and 6% are females (Figure 3.2).

3.2 Elimination of HIV and AIDS related Stigma & Discrimination

The HIV and AIDS (Prevention and Control) Act, 2017 is the primary legislation protecting and promoting the rights of PLHIV. The objective of the Act is to prevent and control the spread of HIV and AIDS and protect the human rights of persons affected by HIV and AIDS. It also seeks to protect the rights of healthcare providers.

This legislation aims to bring a reform by assuring equal access to HIV related services to all in a non-stigmatizing environment.

The Act takes a multi-sectoral approach to respond effectively to the challenges that affect PLHIV, as it

prohibits discrimination at workplace, healthcare and educational settings, families and communities. The Act also penalizes propagation of hate and physical violence against a protected person.

The Act further provides for a grievance redressal mechanism by placing Ombudsman at State level and Complaints Officer at establishment level for a prompt resolution of complaints, related to violations of the provisions of the Act.

To ensure an effective implementation of the Act, it is the responsibility of States and UTs to draft State Rules and to designate/appoint Ombudsman.

Table 3.1: Status of implementation of the HIV/ AIDS Prevention and Control Act as of March 2021

Indicator	Status
States/UTs where Rules have been notified and Ombudsman has been placed	Chhattisgarh, Punjab, Madhya Pradesh, Jharkhand, Karnataka, Himachal Pradesh, Bihar, Nagaland, and Andaman & Nicobar.
States/UTs where Rules have been notified	Gujrat, Manipur, Jammu & Kashmir, Assam, and Rajasthan.
States/UTs where Ombudsman have been deputed/designated (Rules are yet to be notified)	West Bengal, Haryana, Puducherry, Sikkim, Tamil Nadu, Odisha, Dadra & Nagar Haveli, Daman & Diu, Goa, and Uttarakhand.
States/UTs where rules have been formulated and submitted for further approval	West Bengal, Haryana, Puducherry, Sikkim, Tamil Nadu, Odisha, Dadra & Nagar Haveli, Daman & Diu, Goa, and Uttarakhand.
States/UTs where 'Drafting Committee' has been formulated and is reviewing the rules.	Mizoram
States/UTs where the 'Drafting Committee' hasn't been formulated yet.	Telangana and Lakshadweep

3.3 Mainstreaming

NACP recognized the need for an expanded and broad-based response mechanism to address various vulnerabilities and lessen its devastating impact on virtually every sector of society. Thus, the approach of Mainstreaming and Partnership is an integral part of the national programme to build a multi-sectoral response to HIV and AIDS. It is an initiative towards 'integrated responses', to deal with susceptibility to HIV infection, as well as mitigating the burden of the disease on affected communities.

It is important to note that mainstreaming does not replace the need for traditional approaches of

prevention, care, support and treatment for PLHIV; it may instead complement and strengthen the same. Through entering into Memoranda of Understanding with 18 key Departments/Ministries, NACO aims at reaching out to large number of establishments, its employees, and neighbouring communities at their catchment areas with messages on HIV prevention, facilitate expansion of key STI/HIV/AIDS services through integration with health systems of other departments/ministries, linkages with services especially testing and Anti-Retroviral Treatment (ART) and provision of Social protection benefits to PLHIV.

Table 3.2: list of Ministries/ Departments under MoU with NACO

S.no.	Ministry/Department	Date Of Signing
1.	Department of Social Justice & Empowerment	26 th August, 2019
2.	North Eastern Council, Ministry of Development of North Eastern Region	8 th March, 2019
3.	Ministry of Labour & Employment	26 th December, 2017
4.	Department of Internal Security, Ministry of Home Affairs	1 st September, 2017
5.	Department of Rural Development, Ministry of Rural Development	10 th June, 2015
6.	Department of Commerce, Ministry of Commerce & Industry	8 th June, 2015
7.	Department of Empowerment of Persons with Disabilities, Ministry of Social Justice & Empowerment	27 th January, 2015
8.	Department of Electronics & Information Technology (DIETY), Ministry of Electronics and Information Technology	23 rd July, 2014
9.	Department of Telecommunications, Ministry of Communications & Information Technology	23 rd July, 2014
10.	Ministry of Road Transport & Highways	9 th June, 2014
11.	Ministry of Defence	18 th February, 2014
12.	Ministry of Housing & Urban Poverty Alleviation	11 th December, 2013
13.	Ministry of Petroleum & Natural Gas	5 th December, 2013
14.	Department of Youth Affairs, Ministry of Youth Affairs & Sports	29 th November, 2013
15.	Department of Sports, Ministry of Youth Affairs & Sports	29 th November, 2013
16.	Ministry of Coal	9 th September, 2013
17.	Department of Higher Education, Ministry of Human Resource Development	6 th August, 2013
18.	Ministry of Shipping	14 th February, 2013

3.4 Youth Interventions

Adolescence Education Programme (AEP) works with one overarching principle of providing age-appropriate knowledge to school going adolescents and help them to cope with peer pressure, develop positive behavior and improve awareness on sexual

and reproductive health for preventing HIV infections. AEP is implemented in government schools in collaboration with NCERT. A 16-hour curriculum is imparted to adolescent students of class IX and XI in more than 50,000 schools in the country.

Table 3.3: Status of the level of functioning of AEP

Functional	Programme in convergence with other departments	Suspended*
Punjab, Nagaland Karnataka Chandigarh, Kerala, Haryana, Tamil Nadu, Andhra Pradesh, Telangana, Assam, Dadra & Nagar Haveli and Daman & Diu, Andaman & Nicobar, Mumbai, Sikkim, Tripura, Meghalaya, Jharkhand, Bihar, Chhattisgarh, West Bengal, Manipur, Odisha Rajasthan, Jammu & Kashmir, Himachal Pradesh, Uttarakhand	Delhi-SCERT Mizoram- Young Mizo Association	Maharashtra, Uttar Pradesh, Madhya Pradesh

*Suspended: Requires revival of the programme with special intervention and advocacy

Red Ribbon Club (RRC) is a comprehensive, promotional and preventive intervention to harness the potential of youth in educational institutions, specifically to mainstream HIV and AIDS prevention, care & support and treatment, impact mitigation, stigma reduction and enhance Voluntary Blood Donation. It also prepares and promotes youth peer educators within and outside the campuses. Currently there are 12,546 Red Ribbon Clubs constituted/functional in colleges under the program. RRCs provide platform to college students for outreach and mobilizing activities for generating age-appropriate and culture-centric awareness, stigma reduction and promoting Voluntary Blood Donation.

Red Ribbon Quiz Competition: To educate and engage college going youth aged between 17-24 years and

generate awareness on HIV/AIDS and related comorbidities, NACO organised "The Red Ribbon" Quiz Competition in 2020 with the support of State AIDS Control Societies, across country starting at District level, engaging districts, to select teams for State Level Competitions.

5,158 colleges participated in the quiz competitions organized at district level. 518 districts level teams competed at state level. 33 state level teams were shortlisted representing their state at regional level quiz competition. Assam (Eastern Region) won the National level quiz competition, followed by Rajasthan (Northern Region), Dadra & Nagar Haveli and Daman & Diu (Western Region) and Puducherry (Southern Region).

4.

**PREVENTION OF NEW HIV
INFECTIONS AMONG HRG
AND BRIDGE POPULATION**



Targeted Intervention (TI) programme provides a package of prevention, support and linkage services to a focused group of HRGs in a defined geography through a peer-led, outreach based service delivery model in partnership with Non-Governmental Organizations (NGOs) and Community Based Organisations (CBOs). TIs primarily reach two sets of groups i.e. Key population and the Bridge population.

TIs have now aimed to reach a wider group of at-risk population such as spouses and partners of the key and bridge population. Efforts have also been made to reach other groups where high-risk behaviour has been observed such as prison inmates, informal sector workers and rural populations through schemes

such as the Prison HIV Intervention Program, Employer Led Model and Link Worker Scheme. Each TI offers a bouquet of services and activities which includes community mobilization, behaviour change communication, provision of commodities, clinical services referrals & linkages and enabling environment

The TI approach to engage with the bridge population is broadly similar to that of the key population with some modifications. NACO has done considerable research to identify migration corridors across the country where the greatest movement of migrants takes place between villages/districts and cities.

4.1 Coverage

The coverage of core and bridge population has increased significantly over the past year as a result of the newer strategies being adopted by TIs. The below table 4.1 shows the number of TI by typology and the population coverage for FY 2021-21. During

2020-21, 1,472 TIs were set up by the States/UTs as against the 1,543 TIs approved in the Annual Action Plan (AAP), covering 64.67 lakh core and bridge population.

Table 4.1: TI-wise typology coverage, 2020-21

S.no.	Typology	TIs	Coverage (in Lakh)
1.	Female Sex Workers	323	8.81
2.	Men Having Sex with Men	107	3.15
3.	Intravenous Drug Users	204	1.68
4.	Hijra/Transgender people	39	0.66
5.	Core Composite	515	
6.	Migrants	210	41.61
7.	Truckers	66	8.86
	Total	1,472	64.67

A. Female Sex Workers

Female Sex Workers (FSWs) as one of the key populations are being covered either by exclusive intervention or through core composite

interventions under TI. The coverage of FSWs against the estimated population has increased to >95% in FY 2020-21 from 91% in FY 2019-20.

Table 4.2: Indicators for FSWs, 2020-21

Indicator	2020-2021
Coverage (%)	>95
Clinical Visits (Lakh)	16.23
STI Treatment (Lakh)	0.25
PT (Lakh)	1.00
RMC (Lakh)	14.97
Condom Distributed (Lakh)	1125.72
HIV Testing (lakh)	9.53
April 2020 – September 2020	3.52
October 2020 – March 2021	6.01
HIV Sero-Positivity (%)	
April 2020 – September 2020	0.08
October 2020 – March 2021	0.09
ART Linked (%)	
April 2020 – September 2020	90
October 2020 – March 2021	90

Further, Presumptive Treatment (PT) has increased over the years as proportion of new HRG registration has increased. TI programme has been able to keep a very low HIV positivity among registered FSWs. In the context of 90-90-90, efforts are being taken to achieve 100% ART linkage and their retention to

achieve the viral load suppression. Quality of services to the communities are ensured under the direct supervision of SACS and Technical Support Units (TSU) at the state level and by NACO at the national level.

B. Men who have Sex with Men

The table 4.3 depict the coverage of MSM against the estimates which is 88% through exclusive and core composite TIs. Moreover, ART linkage has been

constantly above 90% in the last three years, which will contribute towards achievement of Second and third 90.

Table 4.3: Indicators for MSM, 2020-21

Indicator	2020-2021
Coverage (%)	88
Clinical Visits (Lakh)	5.81
STI Treatment (Lakh)	0.06
PT (Lakh)	0.37
RMC (Lakh)	5.37
Condom Distributed (Lakh)	361.87
HIV Testing (lakh)	3.47
April 2020 – September 2020	1.32
October 2020 – March 2021	2.14
HIV Sero-Positivity (%)	
April 2020 – September 2020	0.23
October 2020 – March 2021	0.24
ART Linked (%)	
April 2020 – September 2020	97
October 2020 – March 2021	89

C. Hijra/Transgender People

The key population H/TG is covered by 39 exclusive TIs and 153 core composite interventions. Coverage of H/TG people has increased from 67 percent in FY 2019-20 to 94 percent in FY 2020-21 against the estimate. Despite a dip in the number of TIs from 41

to 39, the coverage has increased over the period. For the unreached population in rural areas, quality services are ensured through TIs, Dera-led initiatives, and the CBS approach. However due to COVID-19, the services were hampered during the FY 2020-21.

Table 4.4: Indicators for Hijra/Transgender People, 2020-21

Indicator	2020-2021
Coverage (%)	95
Clinical Visits (Lakh)	1.00
STI Treatment (Lakh)	0.02
PT (Lakh)	0.07
RMC (Lakh)	0.93
Condom Distributed (Lakh)	80.17
HIV Testing (lakh)	0.59
April 2020 – September 2020	0.21
October 2020 – March 2021	0.38
HIV Sero-Positivity (%)	
April 2020 – September 2020	0.56
October 2020 – March 2021	0.38

D. Injecting Drug Users

Drug use by intravenous route is a major mode of transmission of HIV. As per the HIV Sentinel Surveillance 2017, HIV prevalence among Injecting Drug Users (IDUs) is 6.26% nationally, which is the highest in comparison to other high-risk groups. With the goal to achieve the 90-90-90, emphasis is

placed on HIV screening, linkage to ART, and viral load testing. District level action plans for emerging pockets of HIV prevalence, ART linkage among homeless IDUs, and higher conversion to OST are some of the initiatives which have been intensified.

Table 4.5: Indicators for IDUs, 2020-21

Indicator	2020-2021
Coverage (%)	>95%
Clinical Visits (Lakh)	3.62
STI Treatment (Lakh)	0.01
Syringe Distributed (lakh)	227.68
Needle Distributed (lakh)	312.04
HIV Testing (lakh)	1.89
April 2020 – September 2020	0.76
October 2020 – March 2021	1.13
HIV Sero-Positivity (%)	
April 2020 – September 2020	0.96
October 2020 – March 2021	0.90
ART Linked (%)	
April 2020 – September 2020	74.37
October 2020 – March 2021	79.5

In 2020-21, IDUs are covered through 195 exclusive and 159 core composite interventions. The coverage of IDUs has seen an increasing trend over the years. The achievement of 95% coverage in IDUs in FY 2020- 21 can be attributed to several best practices

introduced under the NACP. There is also an increase in proportion of IDUs on OST from 23% in FY 2019-20 to 28% on average in FY 2020-21. A total of 1.89 Lakh IDUs have been tested for HIV during FY 2020-21.

Opioid Substitution Therapy (OST)

Opioid Substitution Therapy (OST) has been adopted under the programme as a harm reduction strategy to prevent HIV infection among Injecting Drug Users (IDUs) since 2007. Under the National AIDS Control Program (NACP), OST is provided as a “Directly Observed Treatment” in a clinic-based setting known as OST centers under supervision of a Medical Officer. There are two different models of OST service delivery - NGO based OST center and Collaborative or Public health facility-based OST centers. NACO is currently implementing OST in 187

public health facilities and 43 NGO. As part of the TI Revamped strategy, 73 satellite OST centres have been set up to help de-congest the facilities having high client load and provide accessibility for clients in distant locations from the main centre. Low threshold approaches such as take-home dosing for stable clients and flexible timings have also been incorporated from the FY 2020-21. During the same period, 41,215 IDU clients were covered through 232 OST centres.

E. Migrant Workers

Working with migrant workers in destination districts has been difficult due to their high mobility. Their mobility is primarily related to livelihood and employment opportunities at the destination. Despite a slight decrease in the number of migrant TIs over the last three years, the introduction of the

Employer Led Model (ELM) has increased the coverage of migrant workers. Inclusion of community-based screening (CBS) for HIV among migrants has resulted in an increase in testing. However, linkages to ART for care, support, and treatment have not increased so far.

F. Truckers

Due to frequent travel and high mobility of population, trucker's intervention has always been a challenge. Over the years, the coverage and HIV testing among truckers has increased. CBS helped

outreach staff to reach more trucker population for HIV testing services in past two years. Although the testing and coverage was reduced as an impact of COVID in the FY 2020-21.

Figure 4.1: Coverage and HIV testing (in lakh), 2020-21

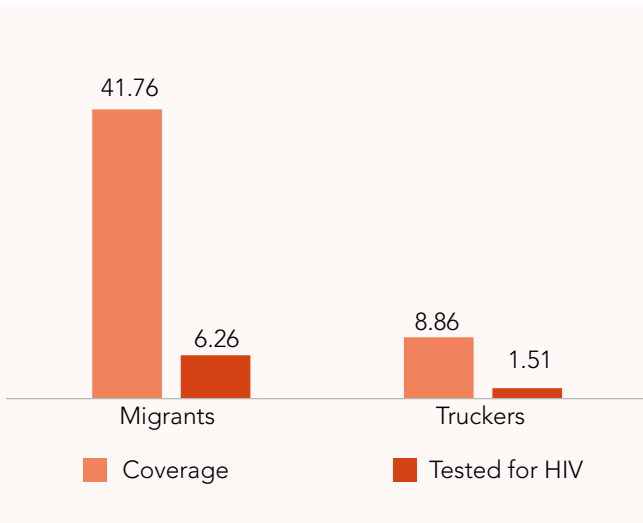
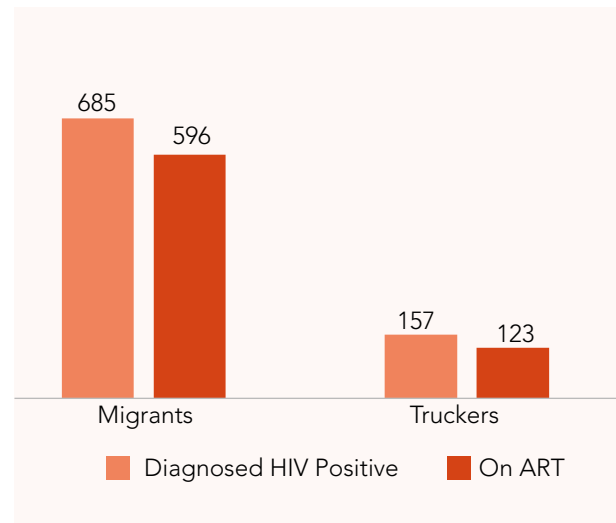


Figure 4.2: HIV Positive and Linkage to ART, 2020-21



4.2 Prison Intervention

In order to achieve the SDG of eliminating HIV/AIDS by 2030, NACO through respective SACS and in collaboration with State Prisons Departments (SPD) and departments of Women and Child Development (WCD) has been implemented HIV and TB interventions in a phased manner across the country since 2017. Significant progress has been made since Phase-I where HCTS were carried out on a mission mode

approach to saturate the coverage and achieve the First 90. During the FY 2020-21, prison intervention was implemented in 1,059 prisons covering 9 lakhs prison inmates. 2,121 HIV positive cases have been diagnosed among prison inmates during the period. 85% of HIV positive cases diagnosed were also linked to ART.

Table 4.6: Prison inmates tested for HIV, diagnosed HIV positive and linked to ART, 2020-21

Indicator	2020-2021
Prison inmates covered	9,06,806
Tested for HIV	4,80,058
Diagnosed HIV positive	2,121
Linked to ART	1,814

4.3 Employer Led Model

As a no-cost intervention under the National AIDS Control Program, the Employer Led Model (ELM) was created to provide HIV/AIDS prevention care services to informal labourers who are directly or indirectly linked to the industries.

Under the ELM model, major industries and associations were encouraged to work together to integrate a comprehensive HIV/AIDS prevention and care programme into their existing structures. SACS/TSU conducted state-by-state mapping of potential employers, and MoUs / LOI were signed between the State AIDS Control Societies and the respective employers. SACS/TSU collaborate closely with employers, building their capacity and assisting them in a variety of activities for informal workers.

The major activities undertaken under the ELM program is as follows:

- ▶ Increase awareness and access to HIV & AIDS prevention to care services for the informal workers
- ▶ To create an enabling environment by reducing stigma and discrimination against PLHIV
- ▶ To encourage and help prospective employers to integrate and sustain the HIV and AIDS intervention Programme within existing systems and structures.

With the concerted efforts of SACS and TSU, as on March 2021, NACO has been able to have partnership with 1,067 industries and out of them 868 industries are implementing activities in 26 states, covering 2,37,653 workers/ migrants for various HIV/ AIDS related services. However, during COVID pandemic many industries were shut down as a result coverage was gone down as compared to previous year.

4.4 Link Worker Scheme

HRGs and vulnerable population in rural areas are covered by the Link Workers Scheme (LWS). The scheme envisions creating demand for various HIV/AIDS-related services, linking the target population to existing services (as the scheme does not create any service delivery points), creating an enabling and stigma-free environment, ensuring the target population continues to access information and services in a sustained manner, creating linkages

with other departments' services through Accredited Social Health Activist (ASHA) volunteers, and Anganwadi etc. Pregnant women are also covered under LWS and linked to NACP services. TB patients are also being monitored and followed for treatment under NTEP by the LWS. During the 2020-21, NACO approved 15 new LWS interventions based on migration patterns and occupation-based positivity identified in newer areas.

Table 4.7: Population groups covered under Link Worker Scheme, 2020-21

S.no.	Typology	Coverage	Tested For HIV*	Diagnosed HIV +Ve	Linked With ART
1.	FSW	69,411	57,292	113	109
2.	IDU	5,770	4,603	123	113
3.	MSM	9,850	7,298	37	35
4.	TG	642	435	7	7
5.	Migrant	5,20,985	2,76,957	372	347
6.	Trucker	1,05,600	60,695	79	71
7.	Other-Vul. Pop	7,26,303	3,63,878	583	541
8.	TB cases	61,132	41,350	12	11
9.	ANC	1,51,561	1,33,853	89	84
10.	PLHIV	42,091			

*HIV testing among core population is taken once tested

5.

**MANAGEMENT OF
SEXUALLY TRANSMITTED
INFECTIONS AT DESIGNATED
STI/RTI CLINICS**



People who have Sexually Transmitted Infections/Reproduction Track Infections are at higher risk to acquire HIV and hence management of STIs/RTIs is continued to be a key component of the National AIDS Control programme (NACP). As per the NFHS 4 (2015-16), 11 % of women and 8% of men aged 15-49 (who have ever had sex) reported having an STI and/or symptoms of an STI in the 12 months preceding

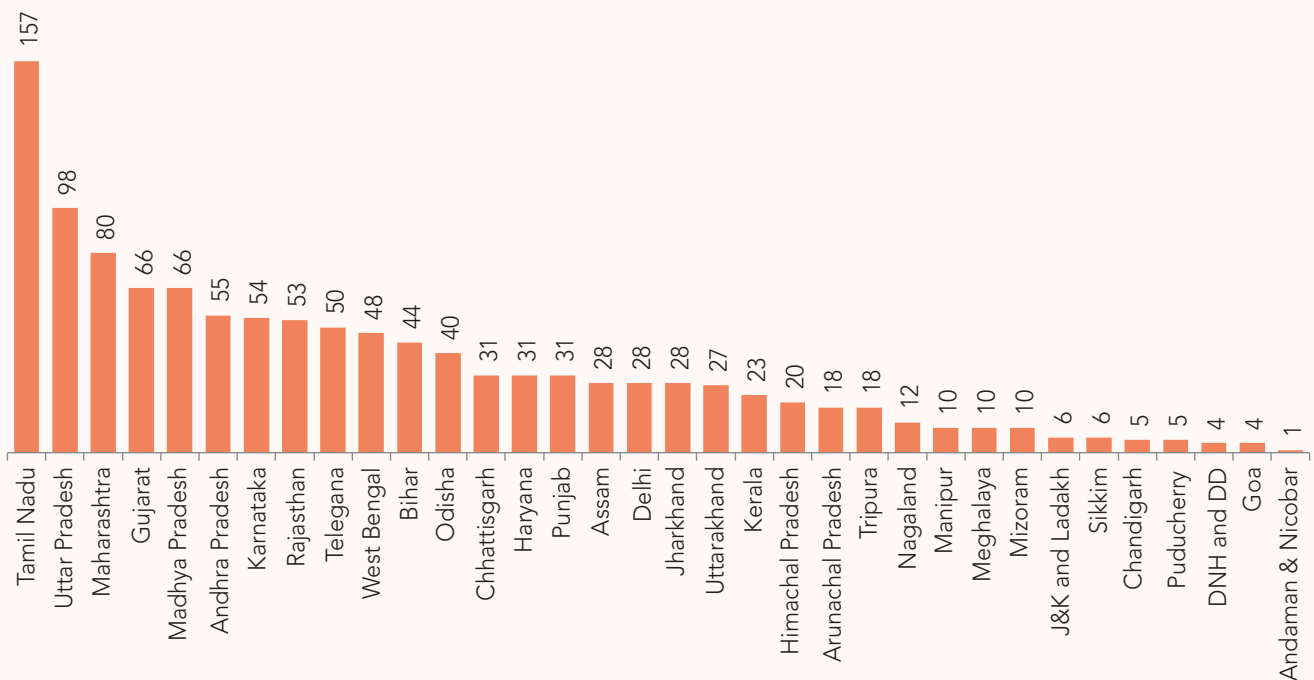
the survey. Under NACP, quality standardized STI/RTI services are being provided at Designated STI/RTI Clinics (DSRCs), branded as 'Suraksha Clinics', situated at Government health care facilities at District and above level. Treatment of the STI/RTI episodes is being provided through STI/RTI color coded drug kits related to syndrome.

5.1 Designated STI/RTI Clinics

During 2020-21, there were 1,167 NACO supported DSRCs branded as 'Suraksha Clinics'. The State/UT-wise distribution of NACO supported DSRCs is depicted in Figure 5.1. Tamil Nadu (157) has the highest number of NACO supported DSRCs followed by Uttar Pradesh (98), Maharashtra (80),

Gujarat (66), Madhya Pradesh (66), Andhra Pradesh (55), Karnataka (54), Rajasthan (53), Telangana (50), West Bengal (48), Bihar (44), Odisha (40), Punjab, Haryana and Chhattisgarh (31 each), Assam, Delhi and Jharkhand (28 each). Together these 18 States have 85% of total DSRCs in the Country.

Figure 5.1 State/UT-wise distribution of NACO Supported DSRCs, 2020-21



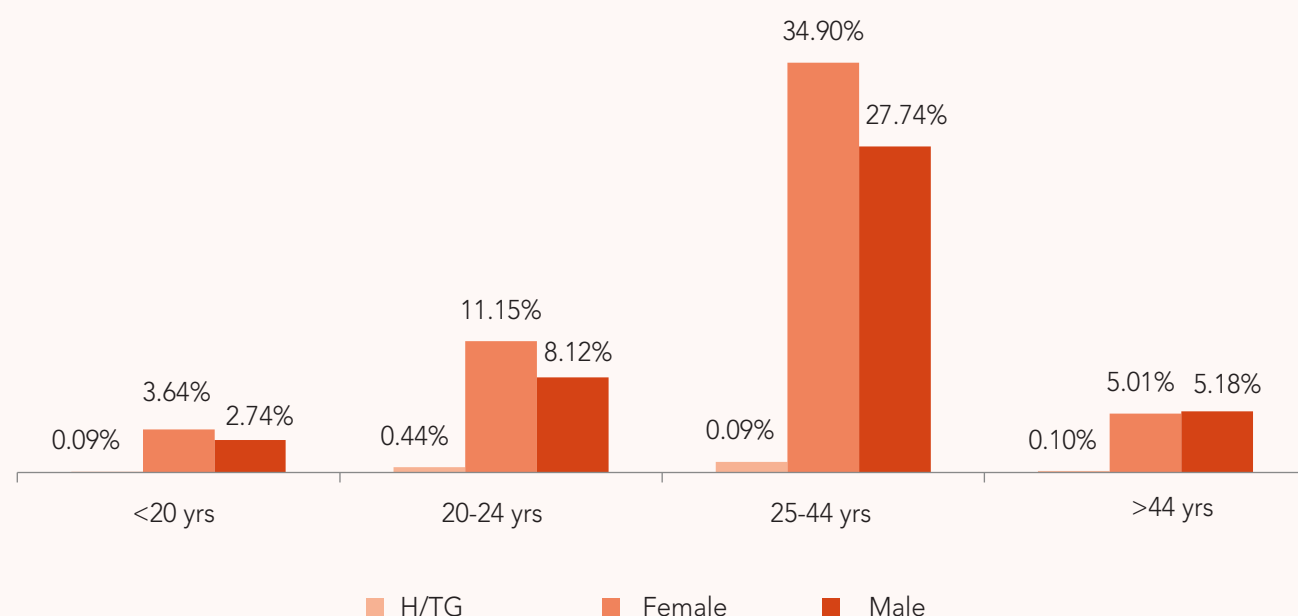
*624 DSRC in Tamil Nadu, 25 in West Bengal and 2 in Bihar are supported by State's Health system.

5.2 Service Uptake at DSRCs

In 2020-21, client's annual footfall at DSRC is 68 lakhs with 24 visits per day per centre¹. Age-wise distribution of client visits to DSRC is depicted in the figure below. Around one fourth (26%) of the visits were made by less than 25 years old clients while around two thirds (63%) were in the age group of

25-44 years old. Around 10% visits were from 45 years or older people. Among these clients visited in the age group of 25-44 years, around 34.9% were females, males with 27.74% whereas 0.09% of visits were done by Hijra/Transgender (H/TG) people (Figure 5.2).

Figure 5.2: Percentage of gender and age wise visits at DSRCs, 2020-21



In 2020-21, 15% of total number of clients visited to DSRCs were in Maharashtra, followed by contribution of 10% from States of Uttar Pradesh and 9% from Karnataka and Madhya Pradesh each. Andhra Pradesh contributes around 7%, followed by Tamil Nadu (6%), Gujarat (5%), 4% each from Delhi,

Telangana and Bihar, 3% each from Rajasthan, Odisha, Punjab, West Bengal and Chhattisgarh, and 2% each from Kerala and Uttarakhand. Together, these 17 States contributes 91% of total visits at DSRCs (Figure 5.3).

¹ Assuming 290 working days in a year

Figure 5.3: State/ UT wise percent contribution in total visits at DSRCs, 2020-21

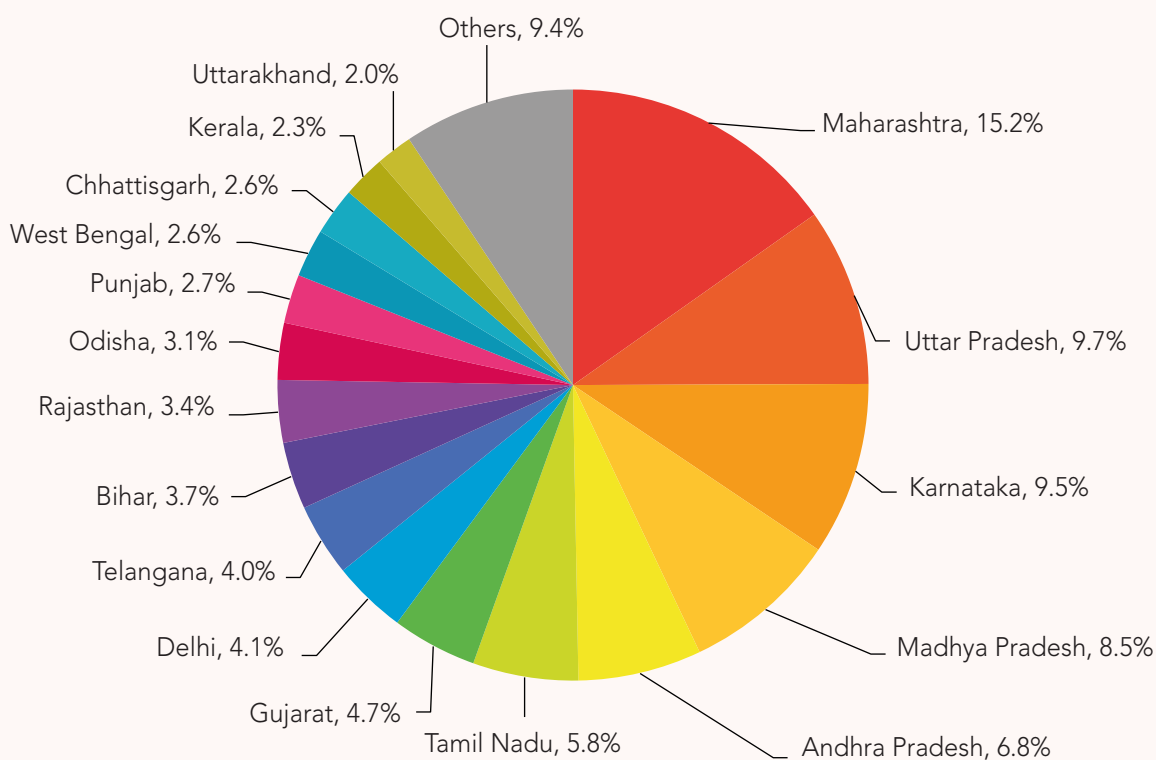
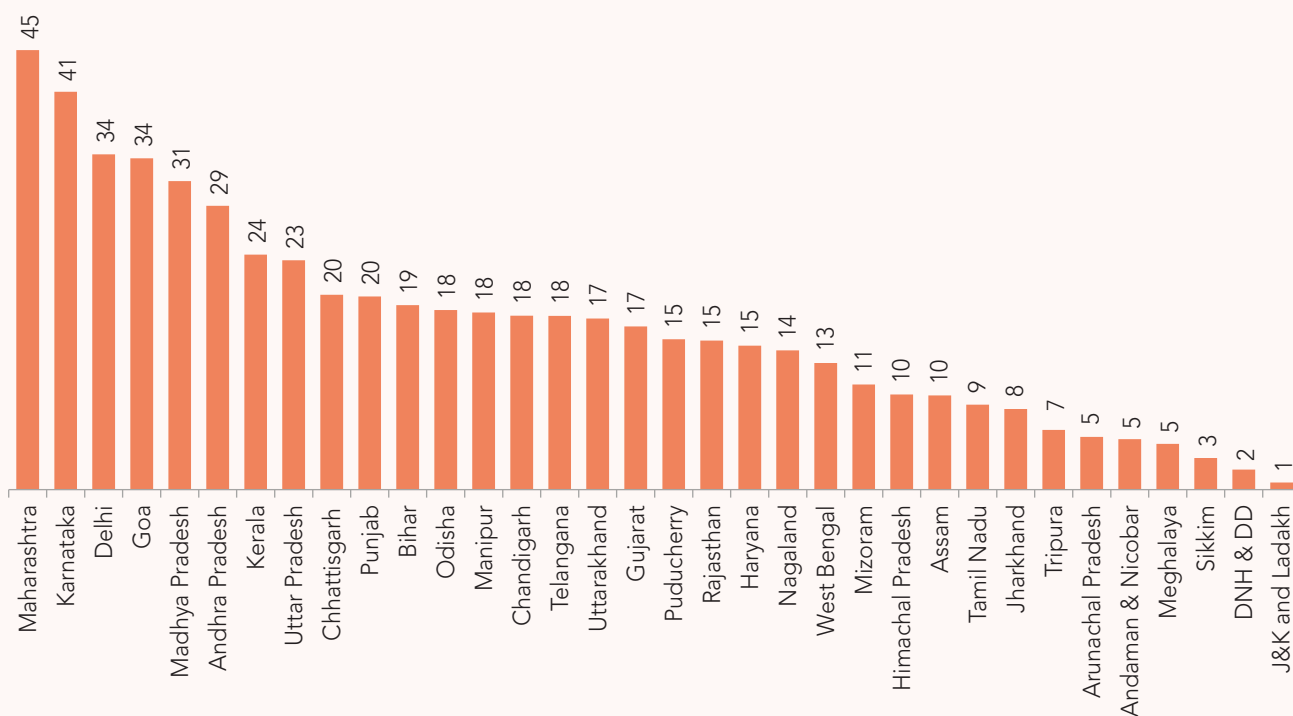


Figure 5.4: States/UT - wise per day per centre visit at DSRCs, 2020-21



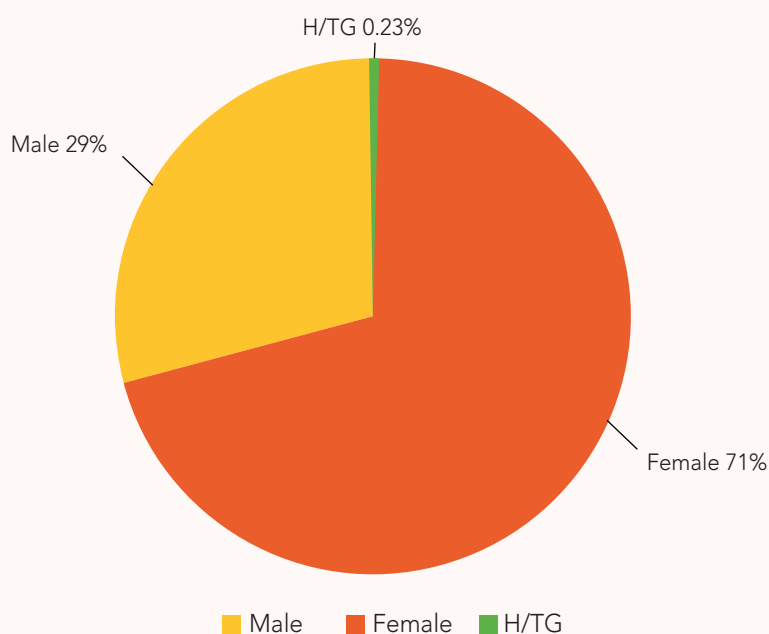
5.3 STI/RTI Syndromic Diagnosis at DSRCs

At DSRCs, diagnosis of STI/RTI is made on syndromic/clinical/etiological basis and reported in 11 categories comprising vaginal/cervical discharge (VCD), genital ulcer disease (GUD)- non-herpetic, genital ulcer disease (GUD)-herpetic, lower abdominal pain (LAP), urethral discharge (UD), ano-rectal discharge (ARD), inguinal bubo (IB), painful scrotal swelling (SS), genital warts, other STIs

and asymptomatic serologically +ve for syphilis.

The number of STI/RTI syndromic diagnosis at DSRCs was 15.74 lakh in 2020-21 in spite of COVID Pandemic. Around 71% of reported diagnosis was among females, followed by 29% among males and very few (0.23%) among H/TG in 2020-21 (Figure 5.5).

Figure 5.5: Gender wise STI/RTI syndromic diagnosis at DSRCs, 2020-21

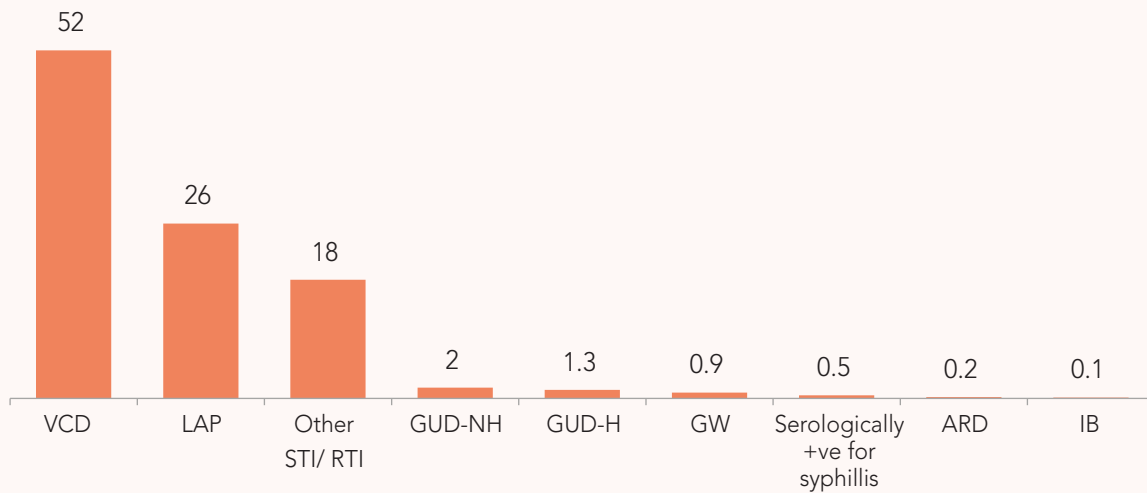


5.3.a STI/RTI syndromes diagnosed among females at DSRCs

Among females, 52% of the diagnosed episodes were of VCD and included symptomatic vaginal discharge, and vaginal discharges seen on speculum examination among asymptomatic females (Figure 5.6). LAP was next STI/RTI syndrome (26%) reported

among females while almost 3.3% were genital ulcers (herpetic and non-herpetic), while other STI/RTI syndromes contributed around 18% of the total episodes among females.

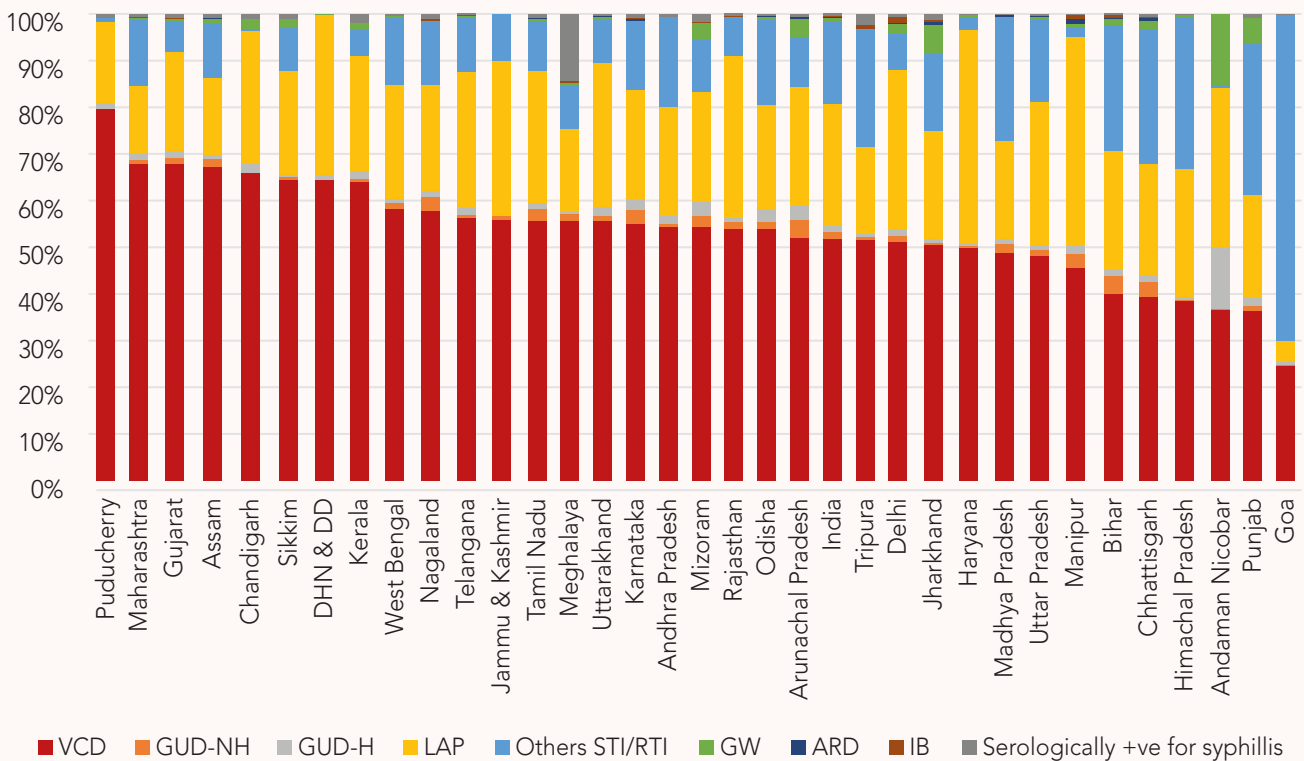
Figure 5.6: Percent distribution of diagnosed STI/RTI syndromes among females at DSRCs, 2020-21



VCD is the predominant diagnosed syndrome among females across all the states with highest in Pondicherry (80%), followed by Maharashtra and Gujarat (68%). Except in Andaman & Nicobar Islands, Punjab & Goa where the proportion of

VCD is less than 40%. Lower abdominal pain was the second most predominant syndrome across all States/UTs. States of Arunachal Pradesh, Mizoram and Odisha constitutes the highest proportion of GUD-Herpetic among national average (Figure 5.7).

Figure 5.7: State/UT-wise percent distribution of diagnosed STI/RTI syndromes among females at DSRCs, 2020-21

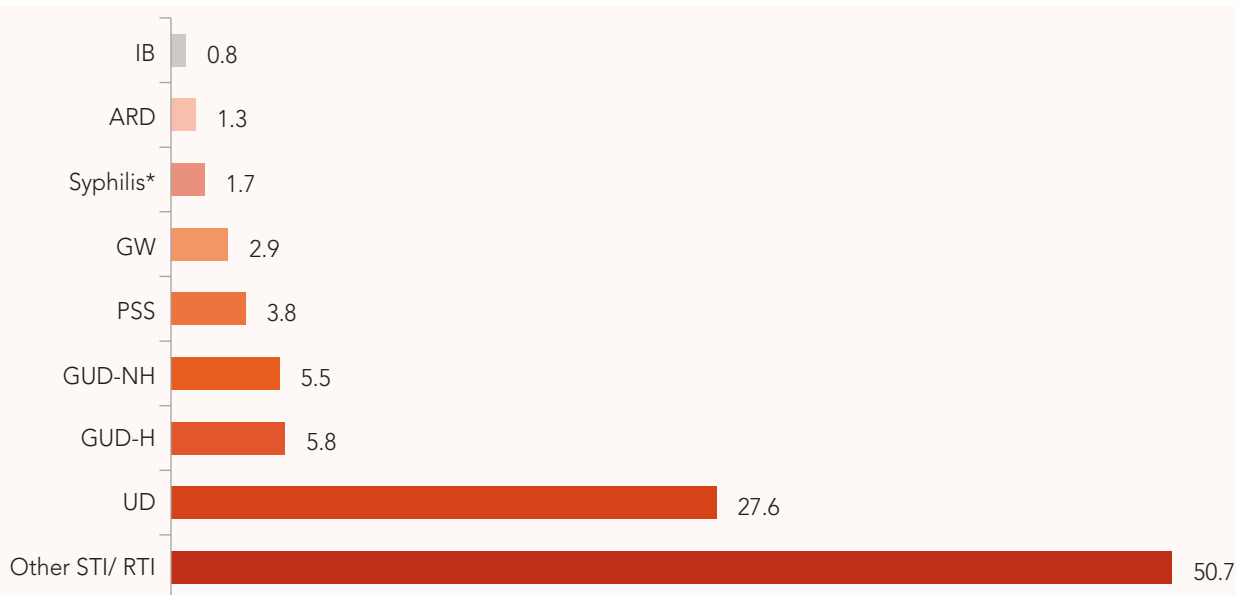


5.3.b STI/RTI syndromes diagnosed among Males and H/TGs at DSRCs

Among males, almost 50% of the diagnosed syndromes were reported as 'other STIs' followed by urethral discharges (27.6%). Around 11-12% of reported syndromes were genital ulcers. Painful scrotal swelling and genital warts, each comprised 3-4% of total reported syndromes among males. Very few, almost 1.3% of total diagnosed syndromes among males were ano-rectal discharges (Figure 5.8). In contrast, among H/TG, slightly less than one-fourth

(21%) of syndromes were ano-rectal discharges in 2020-21. High proportion of ano-rectal discharges may indicate prevalence of unprotected anal sex among them. Urethral discharges comprised 19% of total syndromes while another 46% were reported as 'other STIs'. Non-herpetic genital ulcers comprised 7% of total syndromes followed by 4% of herpetic ulcers.

Figure 5.8: Percent distribution of diagnosed STI/RTI syndromes among males at DSRCs, 2020-21



Nationally around 6% of total syndromes were GUD-NH among males, almost one-fifth (14%) of total syndromes were GUD-NH in Uttar Pradesh followed by 11% in Karnataka, 9% in Bihar and Punjab, 8% each in Maharashtra and Madhya Pradesh, and Odisha at 7%. While 1.3% of total syndromes among males comprised ano-rectal discharges. Around 27% of total diagnosed ARD

syndromes were from Uttar Pradesh followed by Maharashtra (15%), Gujarat (7%), Odisha and Karnataka (6%), Madhya Pradesh (5%), Haryana and Telangana, Bihar and Rajasthan (around 4% each) during 2020-21. Together, these 9 States contribute more than 80% of total ARD syndromes in the Country.

*Syphilis - Serologically +ve for syphilis

Figure 5.9: State/UT-wise percent distribution of diagnosed STI/RTI syndromes among males at DSRCs, 2020-21

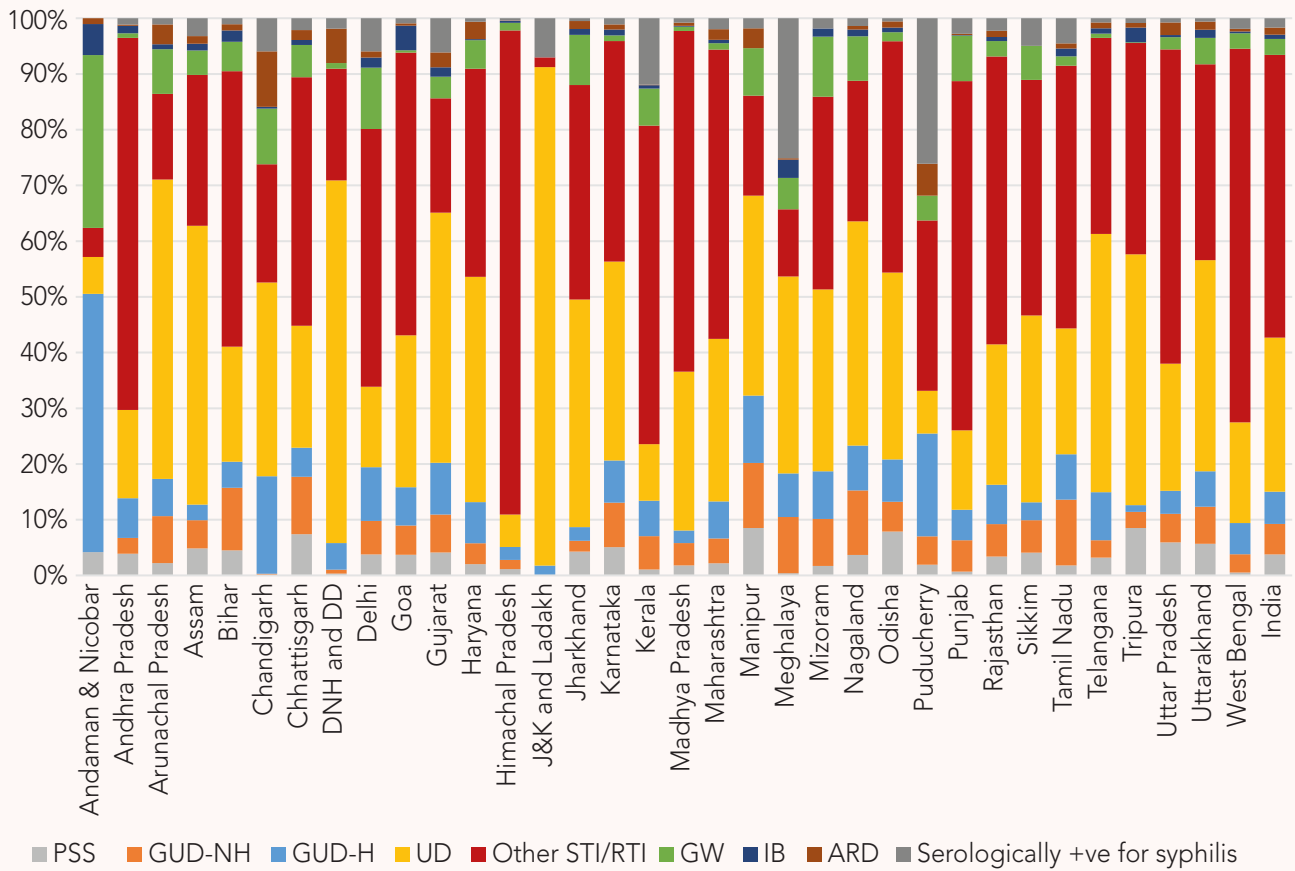
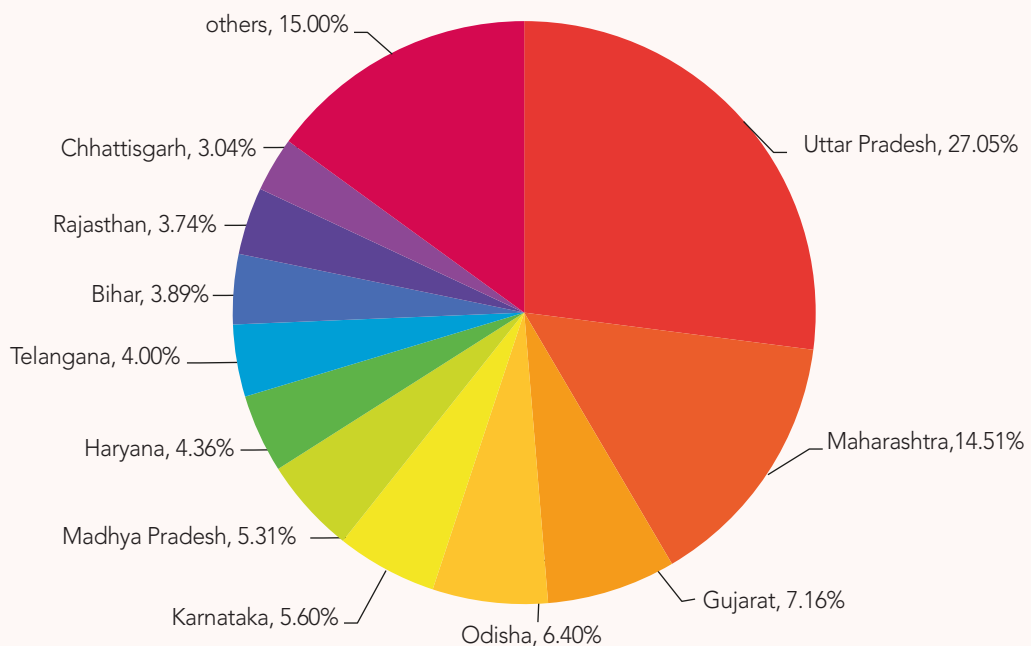


Figure 5.10: Percentage contribution in total ARD syndromes among males at Designated STI/RTI centres by State/UTs, 2020-21



5.4 Laboratory Diagnosis of STI/RTI at DSRCs

Laboratory tests including RPR/VDRL, total Gram Stain, KOH test etc., are also performed at DSRCs for etiological diagnosis depending upon the availability of laboratory facilities. While % reactive

($\geq 1:8$) for syphilis has nationally ranged between 0.2% to 1.6% during 2020-21, it is relatively higher among H/TG people.

Table 5.11: Laboratory diagnosis of STI/RTI at DSRCs, 2020-21

	Indicator	Male	Female	H/TG	Total
RPR/ VDRL	Tested	11,04,736	18,17,121	53,210	29,75,067
	Reactive ($\geq 1:8$)	7,337	6,322	869	14,528
	% reactive ($\geq 1:8$)	0.66	0.35	1.63	0.49
Gram Stain	Tested	3,325	9,907	4	13,236
	Gonococcus+	201	83	0	284
	% Gonococcus+	6.0	0.8	0	2.1
	Tested	1,757	9,421	3	11,181
KOH	Reactive Candidiasis	149	1,585	2	1,736
	% reactive (Candidiasis)	8.5	16.8	66.7	15.5

Table 5.12: State/UT-wise reactivity of RPR/VDRL test at DSRC, 2020-21

State/UT	Male	Female	TS/TG	Total
Andaman & Nicobar Islands	0.00	0.00	-	0.00
Andhra Pradesh	0.26	0.21	0.07	0.22
Arunachal Pradesh	2.11	1.53	1.72	1.75
Assam	2.20	0.20	5.27	0.79
Bihar	0.10	0.03	0.74	0.04
Chandigarh	3.51	0.62	0.00*	1.42
Chhattisgarh	0.69	0.12	0.87	0.34
Dadra Nagar Haveli and Daman Diu	0.34	1.60	-	1.02
Delhi	0.98	0.13	0.06	0.36
Goa	2.58	0.22	-	0.76
Gujarat	1.69	2.34	2.83	2.05
Haryana	0.93	0.09	0.00	0.34
Himachal Pradesh	0.63	0.23	0.00**	0.37
Jammu & Kashmir	1.09	0.00	-	0.13
Jharkhand	0.09	0.01	0.00	0.03
Karnataka	1.38	0.56	8.21	0.95
Kerala	0.98	0.25	0.23	0.58
Madhya Pradesh	0.59	0.23	0.58	0.34
Maharashtra	0.53	0.23	0.37	0.35
Manipur	0.01	0.02	0.00	0.01
Meghalaya	3.76	2.47	0.00*	3.03
Mizoram	2.77	0.45	7.91	1.87
Nagaland	0.24	0.42	0.00	0.30
Odisha	0.69	0.65	1.99	0.72
Puducherry	0.38	0.23	5.34	0.40
Punjab	0.48	0.11	0.96	0.27
Rajasthan	0.85	0.25	0.25	0.41
Sikkim	4.98	1.98	0.00**	2.81
Tamil Nadu	0.33	0.16	0.61	0.25
Telangana	0.56	0.34	16.42	0.58
Tripura	0.84	0.75	0.00	0.78
Uttar Pradesh	0.35	0.38	0.39	0.37
Uttarakhand	0.24	0.51	0.55	0.43
West Bengal	1.16	0.15	1.18	0.43
India	0.66	0.35	1.63	0.49

*Total testing less than 10, results to be interpreted with caution; ** Total testing less than 50, results to be interpreted with caution

6.

BLOOD TRANSFUSION SERVICES (BTS)



6.1 Introduction

Blood safety programme has been core component of AIDS response in India since inception of the NACP in 1992. Over the years, the programme has evolved into a comprehensive blood transfusion services (BTS) as an integral component of modern health care system aiming to ensure universal access to safe blood and blood components to those who are in need with optimum quality by strengthening the structure, systems, and services across the country.

NACO, under the Ministry of Health and Family Welfare, and the National Blood Transfusion Council (NBTC), which is the apex policy making body, are the prime bodies responsible for the functioning of blood transfusion services and blood safety in India at the national level. At the state level, the respective SACS and State Blood Transfusion Councils (SBTCs) are responsible for the smooth functioning of blood

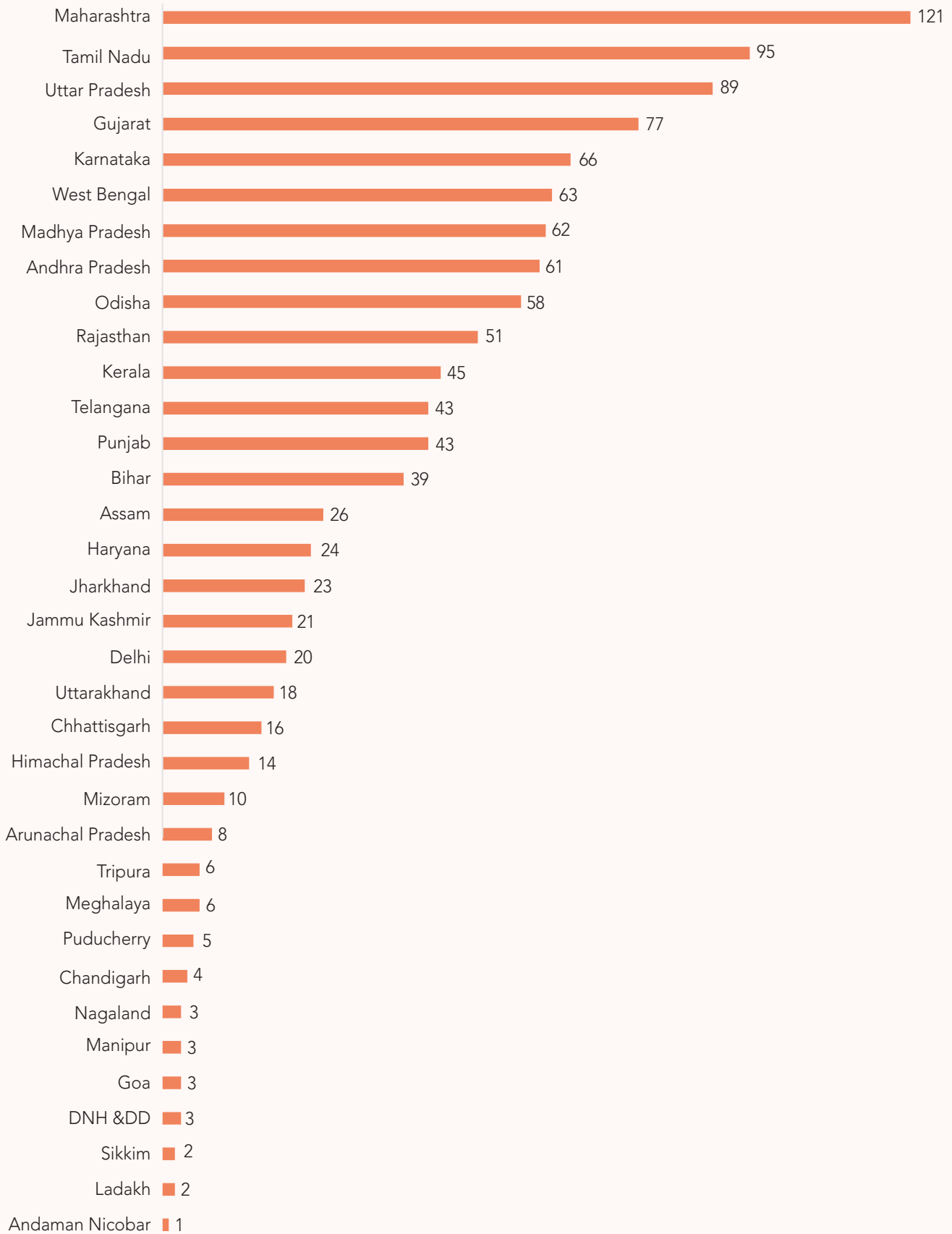
transfusion services. Since blood and blood products are considered as drugs, the Central Drug Standard Control Organisation (CDSCO) and State Food and Drug Administration play a vital role in key aspects such as, approval of licenses, and enforcement of standard transfusion practices to ensure safe, quality and efficacious blood and blood components in clinical practices. National Health Mission (NHM) has also been supporting the strengthening of health care delivery system including blood Centres/ blood storage centres in the district hospitals and below. National Institute of Biological is running the Hemovigilance programme while Directorate General of Medical Services deals with the Medical Education part for Transfusion Medicine. Blood Transfusion Services in India are being delivered through 3500, licensed Blood Centres in Government, NGO/Charitable and Private Sectors.

6.2 NACO Supported Blood Centres

There are 1131 NACO supported blood Centres under BTS. The network of NACO supported blood Centres include Model Blood Centres, Blood Component Separation Units (BCSU), Major Blood Centres & District Level Blood Centres based on the pattern of assistance. Besides this, 32 Blood Mobile Van and 250 Blood Transportation Vans are also being supported by NACO under the programme.

10 States have almost two-thirds of NACO supported blood Centres (Figure 6.1). Maharashtra has highest (122) NACO supported blood centres followed by 95 in Tamil Nadu, 89 in Uttar Pradesh and 77 in Gujarat.

Figure 6.1: State/UT-wise distribution of NACO supported blood centres, 2020-21



6.3 Blood Unit Collection

NACO has estimated a clinical demand of 1.46 crore units of blood that arises in healthcare facilities across the country². In 2020-21, around 1.03 crore blood units were collected at 3500 licensed Blood Centres, meeting 71% of the estimated clinical demand of the country. Due to the COVID-19 impact in the country, the total blood unit's collection in 2020-21 has decreased as compare to blood units collected in 2019-20 i.e. 1.25 crore.

Almost 57% (58 lakh) of the total collection in 2020-21 happened at NACO blood unit supported blood Centres.

Almost 3/4th of the blood collections (74%) at NACO's supported blood Centres was through voluntary blood donation. Out of 74% of Voluntary blood collection, 41% of the blood collection in NACO supported blood centres was through conducting the voluntary blood donation camps. In 2020-21, around 4% of the total blood collection at NACO's supported blood centres was from female donors.

In Maharashtra around 6.43 lakh blood units were collected followed by 6.35 lakh units in Uttar Pradesh, 6.15 lakh units in West Bengal, 5.06 lakh units in Gujarat and 3.71 lakh units in Rajasthan in 2020-21. Karnataka, Madhya Pradesh, Odisha and Tamil Nadu were other States with blood units collection between 2.50-3.20 lakh units. Together, these 9 States collect almost two-thirds of total blood collection at NACO's supported blood Centres (Table 6.1).

Voluntary Blood Donation (VBD) was 80% or higher at NACO supported blood centres in States/UTs of Andaman & Nicobar Islands, Andhra Pradesh, Dadra & Nagar Haveli, Gujarat, Haryana, Karnataka, Maharashtra, Mizoram, Punjab, and Tamil Nadu. Voluntary blood collection was lowest in the State/UT of Delhi, Manipur, and Nagaland (25% each). Assam, Bihar, Chhattisgarh, Meghalaya, Puducherry and Uttar Pradesh were other States/UTs with % VBD of less than 50% at NACO supported blood Centres.

² National Estimation of Blood Requirement in India; National AIDS Control Organization (NACO), India, U.S. Centers for Disease Control and Prevention (CDC), New Delhi National Institute of Medical Statistics, India Christian Medical College, Vellore, and Christian Medical Association of India (CMAI), India available at <http://naco.gov.in/sites/default/files/Final%20Estimation%20Report%20of%20Blood%20Requirement%20in%20India%20%281%29.pdf>

Table 6.1: State/UT-wise blood units collected and % VBD at NACO supported blood centres, 2020-21

State/UT	Total Blood Units Collected	Blood Units Collected through VBD	Blood Units Collected through VBD (%)
Andaman & Nicobar	4,177	3,984	95
Andhra Pradesh	1,90,096	1,56,109	82
Arunachal Pradesh	6,679	5,237	78
Assam	1,42,001	69,501	49
Bihar	1,25,893	32,672	26
Chandigarh	61,337	46,805	76
Chhattisgarh	79,215	37,674	48
Dadra Nagar Haveli and Daman Diu	8,528	8,025	94
Delhi	89,401	22,044	25
Goa	18,487	11,369	61
Gujarat	5,06,496	4,23,960	84
Haryana	2,02,421	1,89,189	93
Himachal Pradesh	39,272	30,374	77
Jammu & Kashmir	64,658	35,611	55
Jharkhand	1,55,777	1,00,976	65
Karnataka	2,58,248	2,39,665	93
Kerala	2,04,326	1,54,415	76
Madhya Pradesh	3,18,674	2,48,934	78
Maharashtra	6,43,308	6,39,725	99
Manipur	17,195	4,305	25
Meghalaya	14,913	4,158	28
Mizoram	26,533	23,807	90
Nagaland	7,972	2,019	25
Odisha	2,98,396	2,27,924	76
Puducherry	17,103	7,323	43
Punjab	1,74,593	1,67,384	96
Rajasthan	3,71,431	2,16,886	58
Sikkim	3,599	2,607	72
Tamil Nadu	3,17,060	3,14,289	99
Telangana	1,19,408	83,764	70
Tripura	23,301	13,364	57
Uttar Pradesh	6,35,144	2,39,763	38
Uttarakhand	73,183	57,982	79
West Bengal	6,14,822	4,71,385	77
India	58,33,647	42,93,229	74

6.4 Sero-Positivity of Transfusion-Transmissible Infections

The Provision of safe blood and blood components is one of the key objectives of blood transfusion services in India. Accordingly, mandatory testing of all donated blood units for transfusion-transmissible infections (TTI) of HIV, hepatitis B (HBV), hepatitis C (HCV), syphilis and malaria is a fundamental activity across all the blood centres in the country.

Figure 6.4 depicts the sero-positivity of HIV, HBV, HCV, syphilis, and malaria at national level for FY 2020-21 at NACO supported blood Centres. The sero-positivity of the HIV and HCV is almost stable over years while same appears to be declining for HBV and Malaria. Sero-positivity for syphilis appears to have a rising trend.

Figure 6.4: TTI's Sero-positivity at NACO supported blood centres, 2020-21

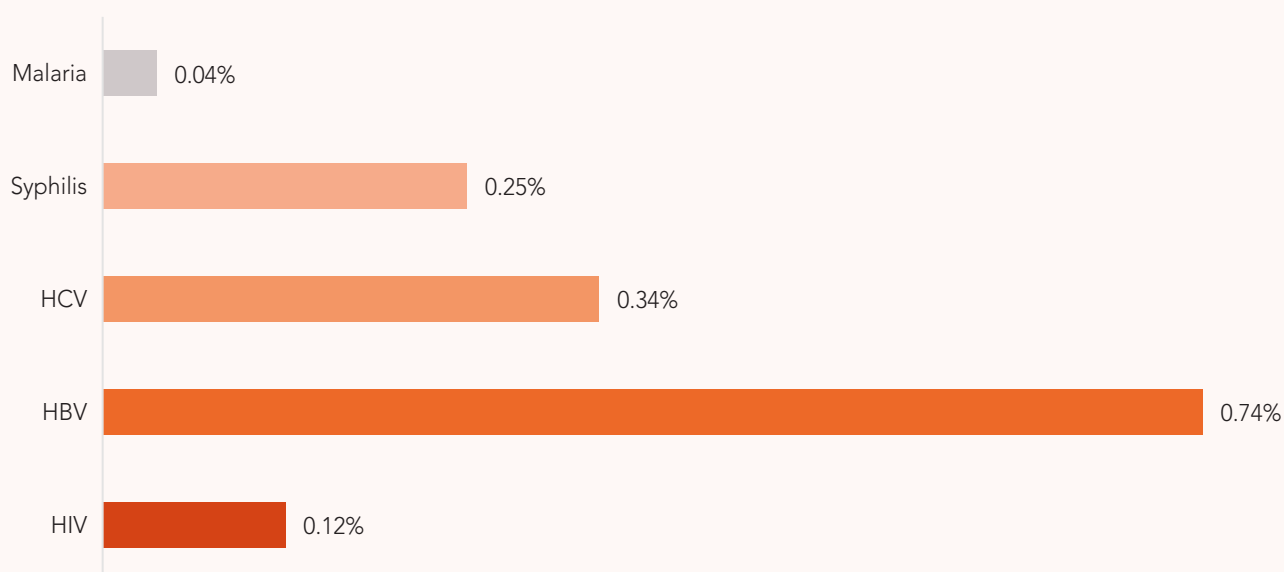


Table 6.2 shows the sero-positivity for HIV, HBV, HCV, syphilis and malaria by State/UT for FY 2020- 21. As evident, there is a great variation in level and trend of TTI's sero-positivity across State/UT.

Highest sero-positivity for HIV was noted in States of Mizoram, Meghalaya, Delhi and Assam. Many of these States have much lower % VBD than the national averages.

Sero-positivity of HBV is as high as 1.64% in Bihar, followed by 1.48% in Meghalaya, 1.39% in Dadar Nagar & Haveli and Daman & Diu, 1.27% in Delhi. 1.13 % in

Andhra Pradesh, 1.09% in Rajasthan, 0.97% in Madhya Pradesh, 0.88 % in Mizoram and 0.87% In Haryana.

Sero-positivity of HCV is as high as 1.73% in Punjab, followed by 1.10 % in Mizoram, 1.03% in Haryana, 0.97% in Uttarakhand and 0.90 % in Assam. Many of these States have very strong HIV epidemic among IDUs. In these States along with the other States with sero positivity higher than national average, attention shall be paid for exploring HIV epidemic among IDUs.

Table 6.2: State/UT-wise percent sero-positivity of HIV, HBV, HCV, Syphilis and Malaria at NACO supported blood centres, 2020-21

State/UT	HIV	HBV	HCV	Syphilis	Malaria
Andaman & Nicobar	0.07	0.53	0.19	0.07	0.02
Andhra Pradesh	0.15	1.13	0.15	0.12	0.02
Arunachal Pradesh	0.06	0.66	0.21	1.06	0.13
Assam	0.24	0.57	0.90	0.32	0.01
Bihar	0.10	1.64	0.48	0.53	0.42
Chandigarh	0.09	0.38	0.70	0.10	0.00
Chhattisgarh	0.18	0.64	0.17	0.49	0.11
Dadra Nagar Haveli and Daman Diu	0.01	1.39	0.00	0.33	0.03
Delhi	0.24	1.27	0.76	0.79	0.01
Goa	0.14	0.38	0.31	0.40	0.01
Gujarat	0.12	0.47	0.09	0.39	0.01
Haryana	0.18	0.87	1.03	0.35	0.02
Himachal Pradesh	0.06	0.27	0.25	0.09	0.00
Jammu & Kashmir	0.04	0.34	0.43	0.22	0.00
Jharkhand	0.12	0.50	0.22	0.43	0.09
Karnataka	0.10	0.74	0.12	0.19	0.03
Kerala	0.05	0.24	0.13	0.08	0.01
Madhya Pradesh	0.09	0.97	0.07	0.24	0.01
Maharashtra	0.12	0.79	0.14	0.12	0.04
Manipur	0.17	0.66	1.08	0.27	0.00
Meghalaya	0.25	1.48	0.38	1.01	0.06
Mizoram	0.36	0.76	1.10	0.06	0.01
Nagaland	0.18	0.39	0.11	0.05	0.00
Odisha	0.15	0.68	0.10	0.26	0.05
Puducherry	0.04	0.51	0.03	0.13	0.00
Punjab	0.16	0.55	1.73	0.37	0.00
Rajasthan	0.07	1.09	0.12	0.36	0.04
Sikkim	0.06	0.22	0.22	0.42	0.00
Tamil Nadu	0.05	0.61	0.06	0.07	0.00
Telangana	0.14	0.55	0.10	0.14	0.37
Tripura	0.08	0.88	0.30	0.25	0.01
Uttar Pradesh	0.12	0.95	0.63	0.20	0.02
Uttarakhand	0.08	0.57	0.97	0.16	0.00
West Bengal	0.18	0.56	0.27	0.18	0.00
India	0.12	0.74	0.34	0.25	0.04

6.5 Blood Component Separations

The network of NACO supported blood centres under BTS includes Model Blood Centres and Blood Component Separation Units (BCSU). NACO, through different phases of NACP, has supported the

component separation facilities. In 2020-21 at the country level, 78% of blood units collected by blood centres with component separation facilities were used for component preparation.

Table 6.3: State/UT-wise percent component separation, 2020-21

State/UT	Component Separation (%)
Andaman & Nicobar	72
Andhra Pradesh	53
Assam	45
Bihar	52
Chandigarh	>=95
Chhattisgarh	50
Dadra Nagar Haveli and Daman Diu	91
Delhi	>=95
Goa	>=95
Gujarat	83
Haryana	82
Himachal Pradesh	35
Jammu & Kashmir	77
Jharkhand	92
Karnataka	>=95
Kerala	>=95
Madhya Pradesh	70
Maharashtra	83
Manipur	>=95
Meghalaya	>=95
Mizoram	>=95
Nagaland	0
Odisha	33
Puducherry	>=95
Punjab	76
Rajasthan	88
Tamil Nadu	80
Telangana	51
Tripura	58
Uttar Pradesh	89
Uttarakhand	82
West Bengal	62
India	78

6.6 Transfer of Blood Transfusion Services from NACO to DGHS

As per directions of the Hon'ble Health and Family Welfare Minister the Blood Transfusion Services division has been transferred to Directorate General of Health Services (DGHS), Ministry of Health and

Family Welfare from NACO w.e.f 1st April 2021. Henceforth, all matters pertaining to Blood Transfusion Services will be handled by DGHS.

7.

HIV COUNSELLING AND TESTING SERVICES



National AIDS Control Programme is offering HIV counselling and testing services (HCTS) services at Integrated Counselling and Testing Centers (ICTC) since 1997. These services include conducting HIV diagnostic tests, interpersonal communication, HIV-TB cross-referral, linkages with NGOs/CBOs and outward linkages with ART centres, outreach services, peer support services, opportunistic infections (OIs) management and home-based care.

ICTC offering HCTS services under NACP are categorised into screening facilities and confirmatory facilities. At the screening facilities, besides the pre and post-test counselling, HIV testing is done using a single rapid test kit and if the test result is found reactive, the individual is linked with a confirmatory facility where the further HIV confirmation is done using three rapid tests of three different antigens or principles.

7.1 HCTS Facilities

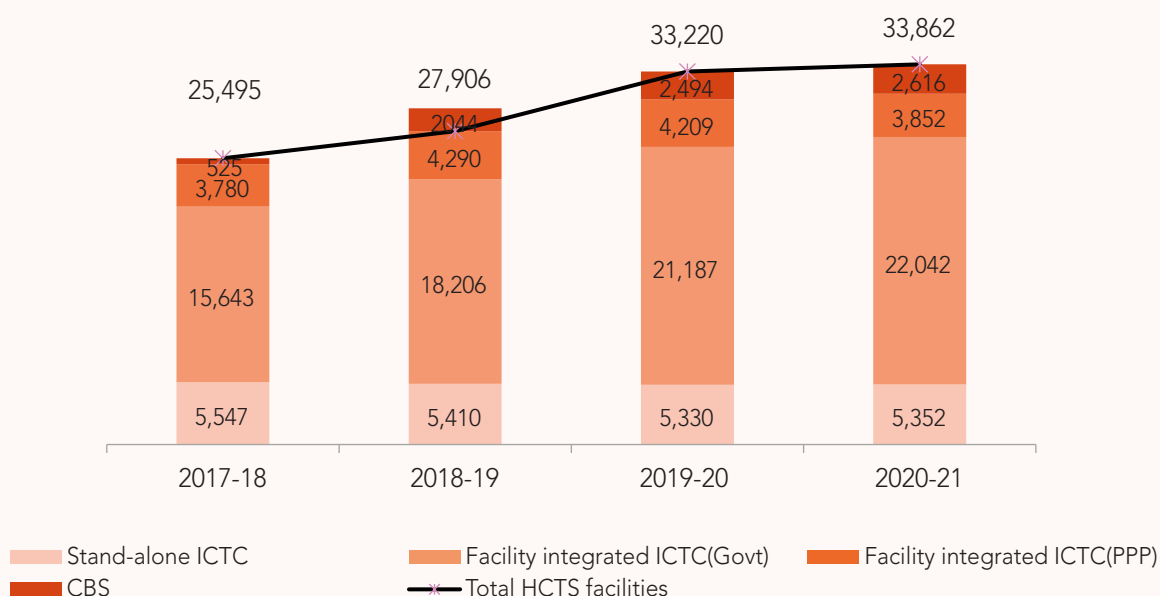
The HIV screening services are offered through community-based screening (CBS) as well as facility integrated ICTCs (FI-ICTC) established in public health facilities (including mobile services) and also under public-private partnership model. Confirmatory facilities, known as Stand-Alone (SA) ICTC, are also existent in both public (including mobile ICTC) and under public-private partnership model.

As on March 2021, there were 33,862 HCTS facilities are offering the HIV Counselling and Testing services. The increase in the number of HCTS is attributed largely to the establishment of F-ICTC in both public and private sector and the incorporation of CBS model into the National HIV Counselling and Testing services since 2018 (Figure 7.1). As on March 2021, the scale-up has resulted into the existence of HCTS facilities in almost each district of the country

with 70% of the districts having more than 20 HCTS facilities.

To meet the envisaged 90-90-90 targets and the goal of elimination of mother to child transmission of HIV and Syphilis, the National Strategic Plan 2017-24 estimates the need to screen up to 127 million individuals a year by 2024 and strengthen both facility-based and outreach services. In order to improve the efficiency and bridge the estimated shortfall in counsellors from current resources, an in-depth analysis was undertaken to convert SA-ICTC with low testing load and detection rate to either F-ICTCs or one staff SA-ICTCs and simultaneously convert identified and selected F-ICTC to SA-ICTCs based on a pre- set criterion. This has resulted into a decrease in the number of SA-ICTC from 5,547 in 2017-18 to 5,352 in 2020-21 and simultaneous increase in number of F-ICTCs.

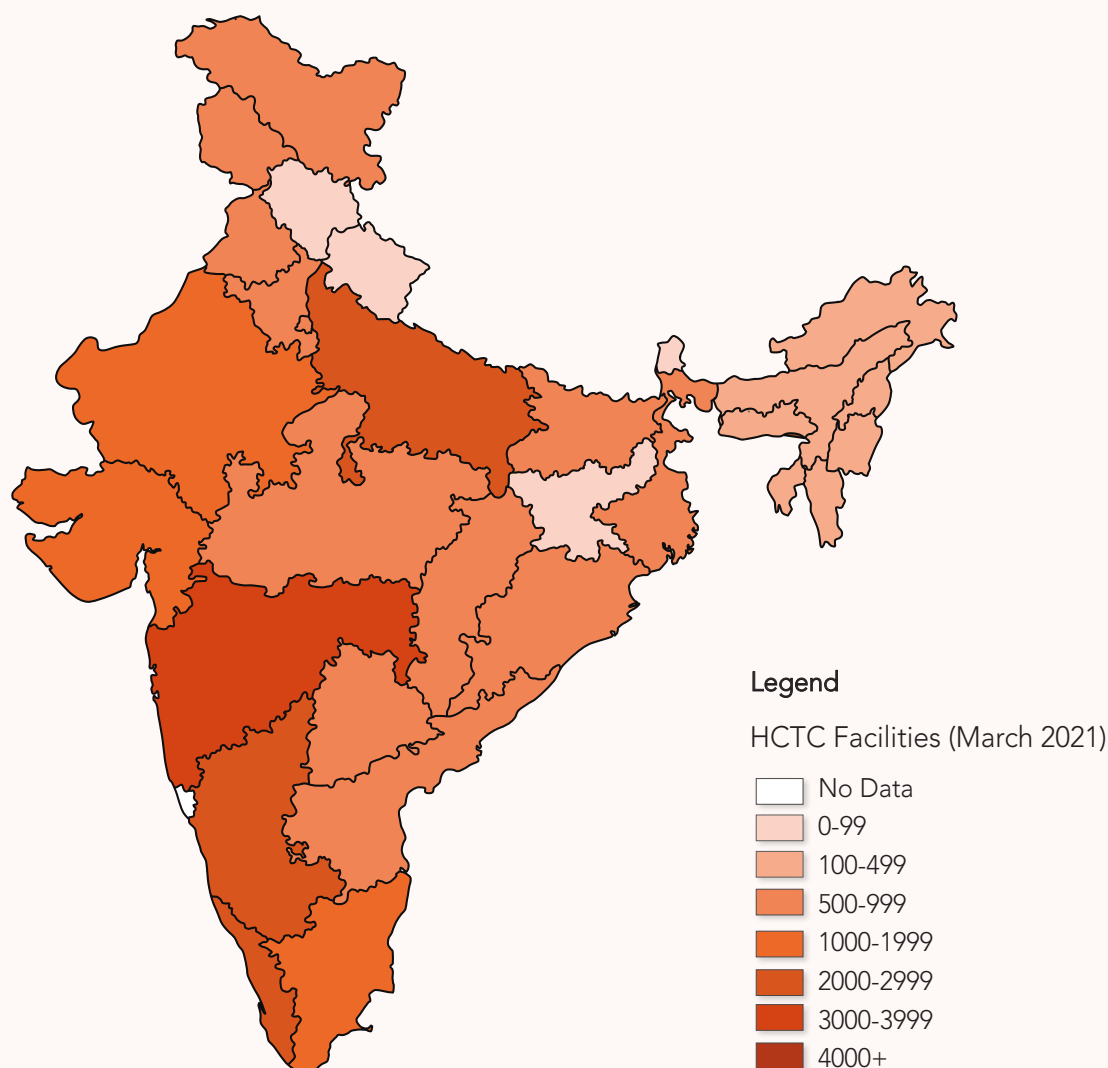
Figure 7.1: Scale-up of different types of HCTS facilities from 2017-18, 2018-19, 2019-20 and 2020-21



In general, States with higher number of PLHIV also have higher number of HCTS facilities. Maharashtra has 4,743 facilities followed by 3,369 facilities in

Karnataka. Uttar Pradesh, Tamil Nadu, Gujarat and Rajasthan have ICTC facilities between 2,621 and 3,164 each respectively (Figure 7.2).

Figure 7.2: State/UT-wise ICTC distribution, March 2021

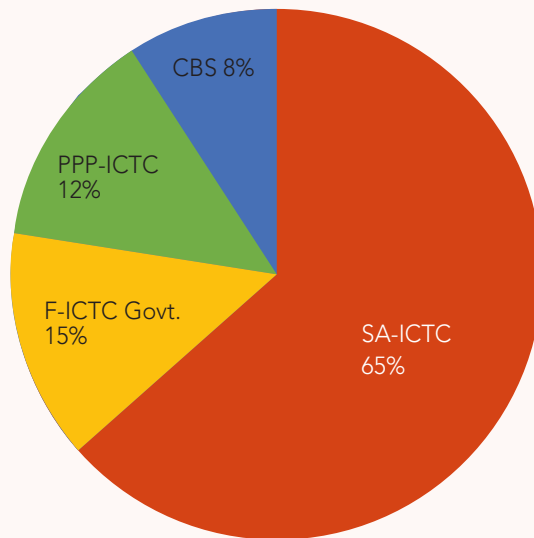


7.2 HCT Services Uptake

During 2020-21, around 1.83 crore beneficiaries (at-risk individuals excluding pregnant women) received HIV counselling and testing translating to 15.29 lakh HCT per month. The uptake of HIV counselling and testing among at-risk individual (excluding pregnant women) is distributed across

various HCTS model. In 2020-21, almost 65% of the HCTS uptake is from SA-ICTC, significantly lesser than 70% contribution in 2019-20. The reason for this decline could be attributed to the COVID-19 Pandemic (Figure 7.4).

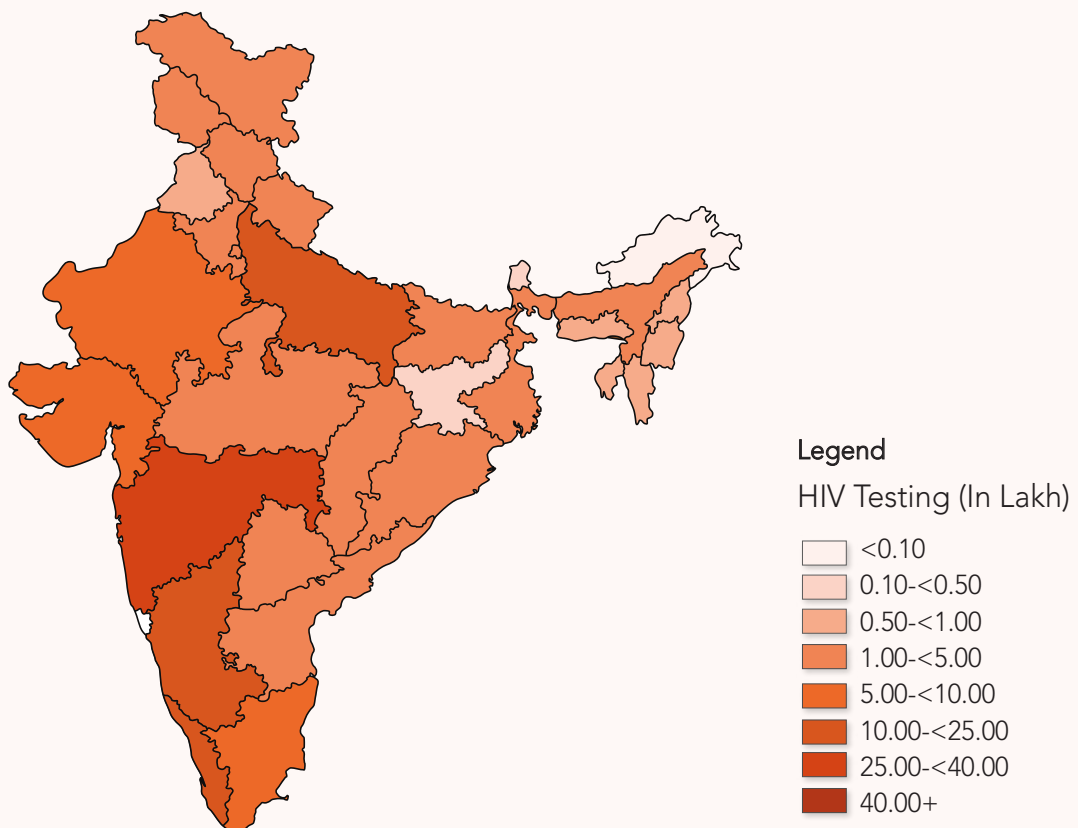
Figure 7.4: HCTS model wise proportional contribution in HCTS uptake, 2020-21



State/UT-wise contribution towards HIV testing, Maharashtra has the highest number of HIV counselling and testing services uptake in 2020-21 with a total of around 28.7 lakh (15.7%) HCTS uptake in State (Figure 7.5) followed by Tamil Nadu contributing 13% of total HCTS uptake among at-risk

population (excluding pregnant women), Karnataka (9%), West Bengal (7.6%), Rajasthan (5.7%), Gujarat (5.6%), Uttar Pradesh (5.5%), Madhya Pradesh (4.4%), Odisha (4.2%), and Andhra Pradesh (4.1%). Together, these 10 States contribute almost 75% of total HCTS uptake among at-risk population.

Figure 7.5: State/UT-wise HCTS uptake, 2020-21



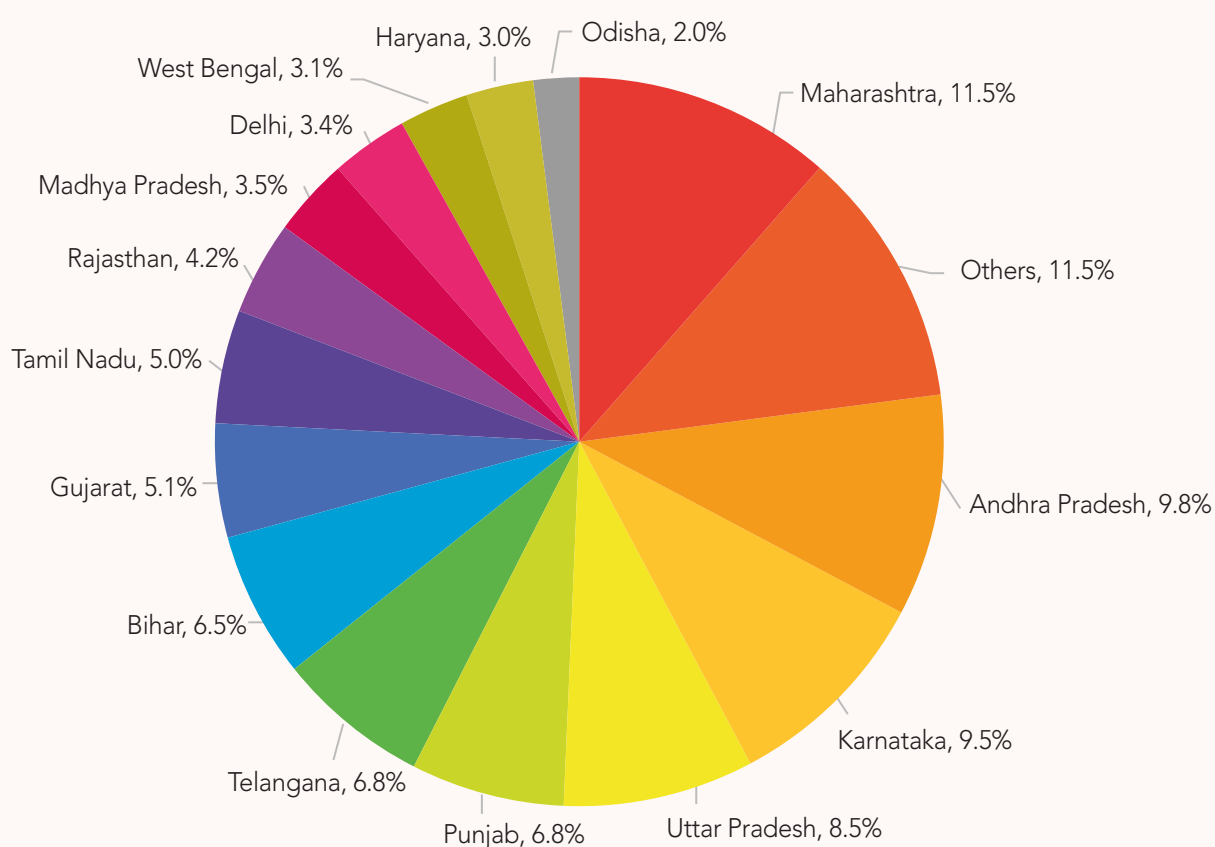
Sankalak: Status of National AIDS Response (2021)

7.3 HIV Sero-positive and Sero-positivity

In 2020-21, out of 1.83 crore tested, there were around 1 lakh HIV positive cases with a sero-positivity of 0.55%. The figure 7.6 shown the State/UT-wise contribution to HIV sero-positive where Maharashtra at the top contributing around 11.47% of the total HIV sero-positives followed by Andhra Pradesh (9.8%),

Karnataka (9.5%), Uttar Pradesh (8.5%), Punjab (6.8%) Telangana (6.8%), Bihar (6.5%) while Tamil Nadu and Gujarat were other States contributing 5% each in total HIV sero-positives. These 15 states are holding 88.5% of the total positive cases reported in 2020-21.

Figure 7.6: State/ UT-wise percent contribution to HIV sero positive among general individuals (excluding Pregnant Women), 2020-21



States namely Andhra Pradesh, Bihar, Delhi, Meghalaya, Mizoram, Nagaland, Punjab and Telangana have reported the HIV positivity of more than 1% among general individuals tested. Wherein, Mizoram has highest Positivity (3.6%), followed by Meghalaya (1.5%), Telangana (1.5%) and Nagaland (1.4%). The States/UTs of Andaman &

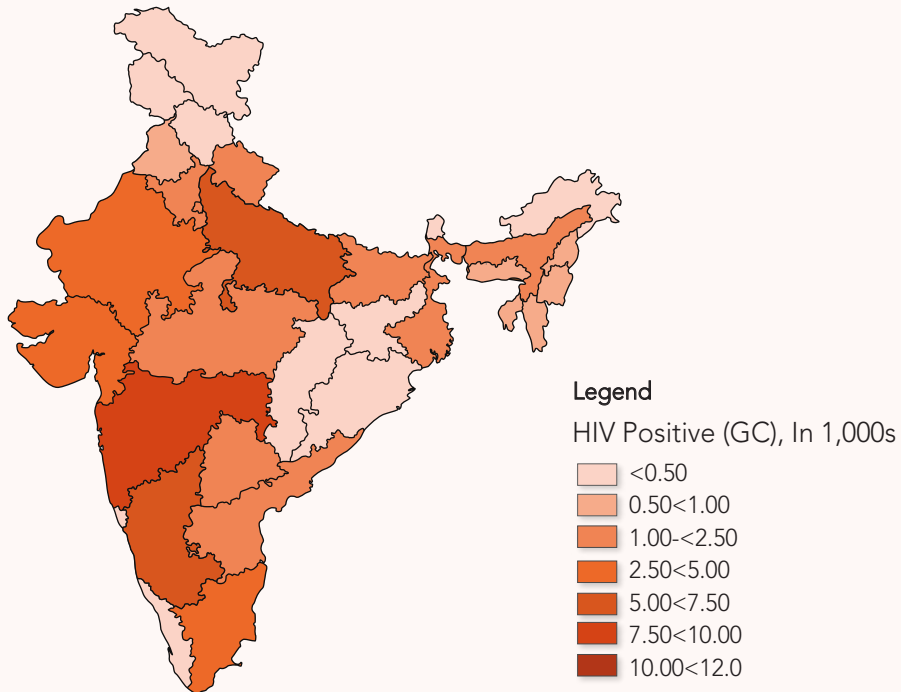
Nicobar, Arunachal Pradesh, Jammu & Kashmir, Kerala, Puducherry and Sikkim have the least positivity ranged between 0.07%-0.19%. The States/UTs wise HIV testing, positive diagnosed and sero-positivity among general individual in 2020-21 as depicted in the Table 7.1.

Table 7.1: State/UT-wise HIV testing and sero-positivity, 2020-21

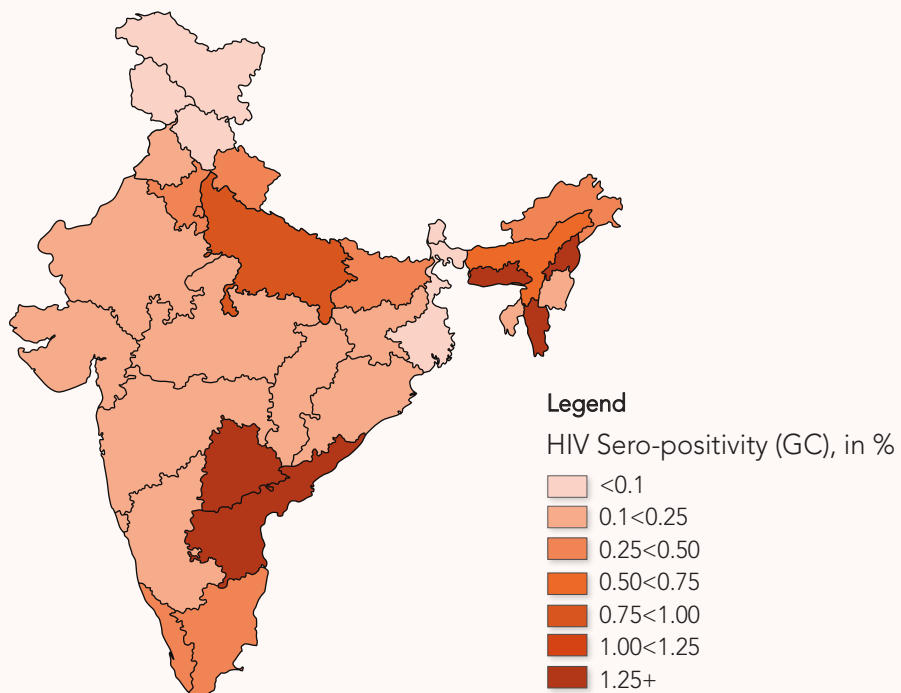
State/UT	Tested	Positive	Sero-positivity (%)
Andaman & Nicobar	16,631	12	0.07
Andhra Pradesh	7,58,351	9,922	1.31
Arunachal Pradesh	20,700	30	0.14
Assam	1,99,365	1,163	0.58
Bihar	5,78,692	6,534	1.13
Chandigarh	53,009	283	0.53
Chhattisgarh	3,42,913	1,902	0.55
Dadra & Nagar Haveli & Daman Diu	28,937	60	0.21
Delhi	3,43,413	3,458	1.01
Goa	42,157	172	0.41
Gujarat	10,31,382	5,099	0.49
Haryana	4,77,632	3,003	0.63
Himachal Pradesh	1,49,518	339	0.23
Jammu & Kashmir	1,28,801	219	0.17
Jharkhand	2,04,049	1,077	0.53
Karnataka	16,44,594	9,545	0.58
Kerala	4,14,011	771	0.19
Madhya Pradesh	8,06,199	3,492	0.43
Maharashtra	28,73,920	11,571	0.40
Manipur	69,924	677	0.97
Meghalaya	41,355	629	1.52
Mizoram	53,838	1,918	3.56
Nagaland	79,896	1,103	1.38
Odisha	7,68,636	2,047	0.27
Puducherry	70,716	118	0.17
Punjab	6,66,555	6,880	1.03
Rajasthan	10,46,485	4,211	0.40
Sikkim	18,387	30	0.16
Tamil Nadu	23,83,940	5,083	0.21
Telangana	4,60,531	6,844	1.49
Tripura	82,186	503	0.61
Uttar Pradesh	10,13,176	8,545	0.84
Uttarakhand	1,18,635	559	0.47
West Bengal	13,56,954	3,119	0.23
India	1,83,45,488	1,00,918	0.55

Figure 7.7 State/UT-wise HIV sero-positive and sero-positivity among general individuals, 2020-21

HIV sero-positive (number in 1000s)



HIV sero-positivity (%)



7.4 Spouse/Partner Testing Among HIV Positive At-Risk Population

Due to high risk of HIV transmission from index PLHIV to their sexual partner, spouse testing, or partner notification has been included in the essential packages of HIV testing and counseling service Guidelines, 2016. Nationally, spouse /partner testing among HIV positive cases is 46% in 2020-21. However, there is wide interstate/UT variation. In States of Punjab, Jammu & Kashmir, Delhi, Mizoram,

Manipur, Meghalaya, and Tripura; less than one third of the spouse/partner of HIV positive individual availed counselling and testing services. On the other side, in Jharkhand 94% of spouses/ partners were counselled and tested for HIV followed by Odisha 67%, Uttar Pradesh 63%, and Sikkim 62% (Figure 7.8).

Figure 7.8: State/UT-wise percent of spouse/partner of the identified HIV positive people tested for HIV, 2020-21

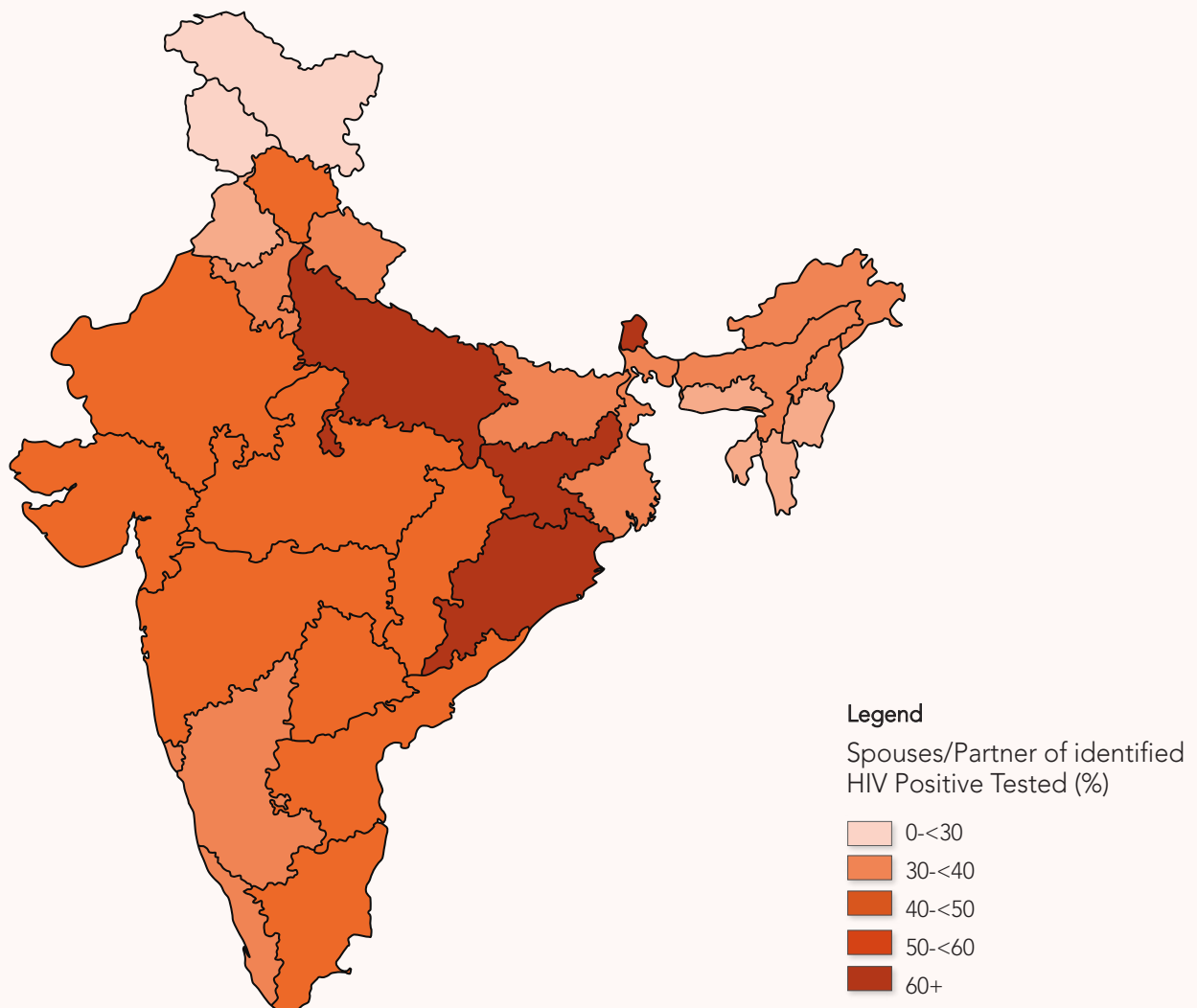


Table 7.2: State/UT-wise HIV seropositivity among spouses/ partners of the identified HIV positive people tested (%), 2020-21

State/UT	HIV Sero-positivity (%)
Andaman & Nicobar	20.0
Andhra Pradesh	59.2
Arunachal Pradesh	38.5
Assam	52.6
Bihar	56.7
Chandigarh	34.6
Chhattisgarh	57.3
Dadra Nagar Haveli and Daman Diu	57.1
Delhi	46.0
Goa	39.3
Gujarat	40.9
Haryana	48.4
Himachal Pradesh	63.2
Jammu & Kashmir	45.3
Jharkhand	43.9
Karnataka	52.6
Kerala	30.1
Madhya Pradesh	60.4
Maharashtra	48.8
Manipur	54.7
Meghalaya	57.7
Mizoram	44.7
Nagaland	62.3
Odisha	33.0
Puducherry	34.8
Punjab	36.1
Rajasthan	62.2
Sikkim	22.2
Tamil Nadu	30.5
Telangana	52.7
Tripura	32.0
Uttar Pradesh	53.4
Uttarakhand	43.7
West Bengal	49.2
India	49.9

7.5 HIV-TB Cross-Referral

Tuberculosis continues to be a public health challenge in India, and it is the commonest opportunistic infection (OI) in persons living with HIV (PLHIV). NACP and National TB Elimination Programme (NTEP), recognized the importance of the HIV/TB co-morbidity and mortality from TB among PLHIV as early as 2001. The strong collaboration between NACP and NTEP has helped in enhancing HIV testing coverage amongst notified TB and presumptive TB cases and the Intensified TB Case Finding activities are being implemented in all service delivery centres under NACP in the country,

Intensified TB Case Finding (ICF)

Under ICF, all ICTC clients are screened by ICTC counsellors for presence of TB symptoms at the time of pre/post-test counselling. Clients who have symptoms or signs of TB, irrespective of their HIV

status, are referred to NTEP diagnostic and treatment facility located in the nearest/co-located institution. The table below summarizes cross referral on HIV/TB activities.

with efforts to ensure universal access to HIV-TB collaborative services.

HIV-TB Collaborative activities aim to decrease the burden of disease by expanding the scope of TB and HIV programmes and improving the quality of service provision. The two programmes jointly developed interventions to ensure early detection and prompt linkage of HIV and TB cases to care, support and treatment makes TB case detection, treatment and prevention a priority for NACP.

status, are referred to NTEP diagnostic and treatment facility located in the nearest/co-located institution. The table below summarizes cross referral on HIV/TB activities.

Table 7.3: HIV-TB cross-referral, 2020-21

Indicator	2020-21
In referral from NTEP (lakh)	16.61
HIV sero-positivity (%)	1.94
ICTC client referred to NTEP (lakh)	7.74

8.

**INITIATION AND RETENTION
ON ANTI-RETROVIRAL
THERAPY OF HIV INFECTED
PEOPLE**



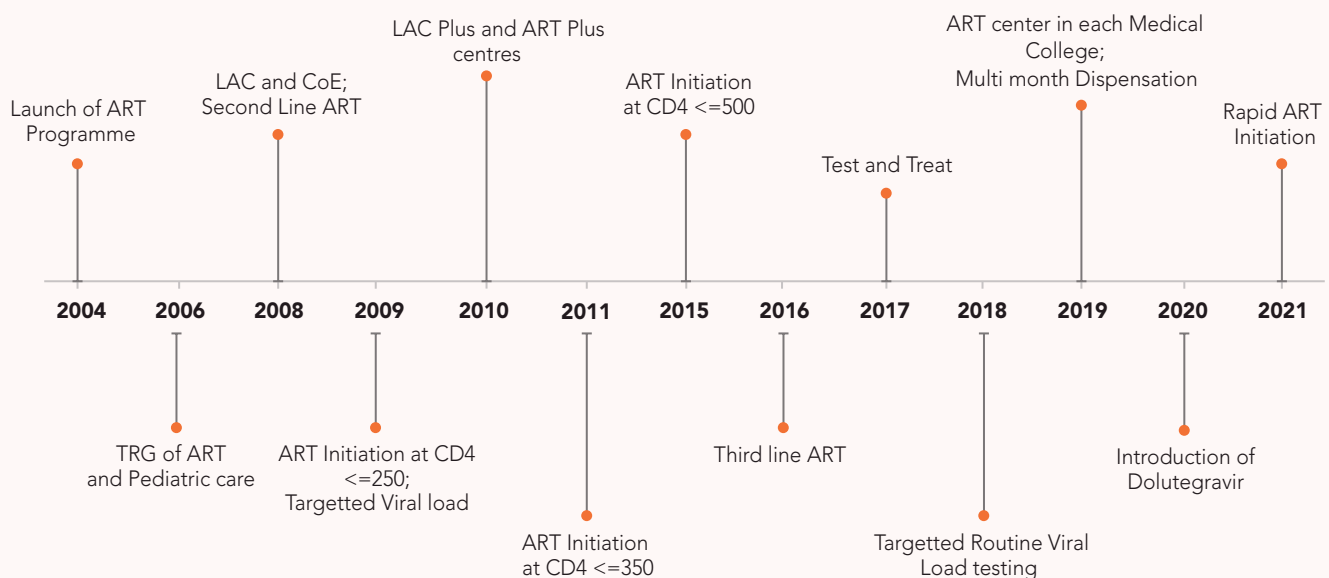
8.1 Background

Early initiation of HIV infected people on lifelong antiretroviral therapy (ART) and subsequent retention has been integral to AIDS response in India. ART is vital for HIV infected people to live longer, healthier and productive lives. Further, proper Adherence to lifelong ART reduces viral load in an HIV infected person to an undetectable level, thus almost eliminating the risk of HIV transmission.

Govt. of India launched free ART on 1st April 2004 at 8 centres under the second phase of the NACP. Since then, the programme has come a long way (Figure 8.1). Technical resource group (TRG) has been constituted and treatment protocol has been standardized which

keeps on evolving based on evidence and global guidelines leading to simpler treatment with less toxic but more robust regimen under programme. Multi-layered service delivery mechanism has been established and expanded delivering first, second and third line antiretroviral (ARV) regimens. Now, every medical college under the regulation of National Medical Commission (NMC) is mandated to have an ART center. CD4 level based eligibility has been gradually relaxed to facilitate earlier initiation on ART, finally culminating into the roll out of 'Test and Treat' policy. Monitoring of the response of HIV infected people on ART treatment has improved with introduction of routine viral load testing.

Figure 8.1: Evolution of ART under NACP: key milestones



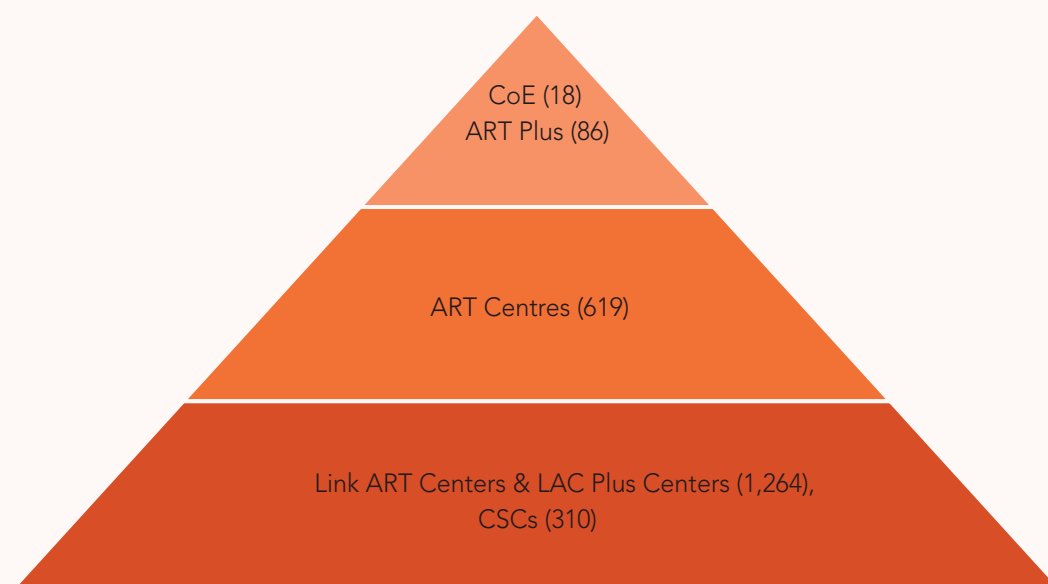
8.2 ART Facilities and Service Uptake

The service delivery mechanism for ART services under the NACP has evolved into a three-tier system (Figure 2). ART centres (619) across the country, mostly located at medical colleges and district hospitals, are fundamental to this service delivery mechanism. Decentralization of services has been achieved through the establishment of Link ART Centers (LAC) and LAC plus (1264).

Care & Support Centres (CSCs, 310) facilitate access

to essential services increasing treatment adherence and reducing stigma and discrimination. The ART centers are mapped to 18 Centres of Excellence (CoE) (11 Adult CoE) and 7 Paediatric CoE) and 86 ART Plus centres at select teaching institutions for timely initiation of the second and third line of ART. UT of Dadra Nagar Haveli and Daman Diu and Lakshadweep does not have ART facilities and HIV infected people in these locations take ART from neighboring States.

Figure 8.2 ART service delivery mechanism

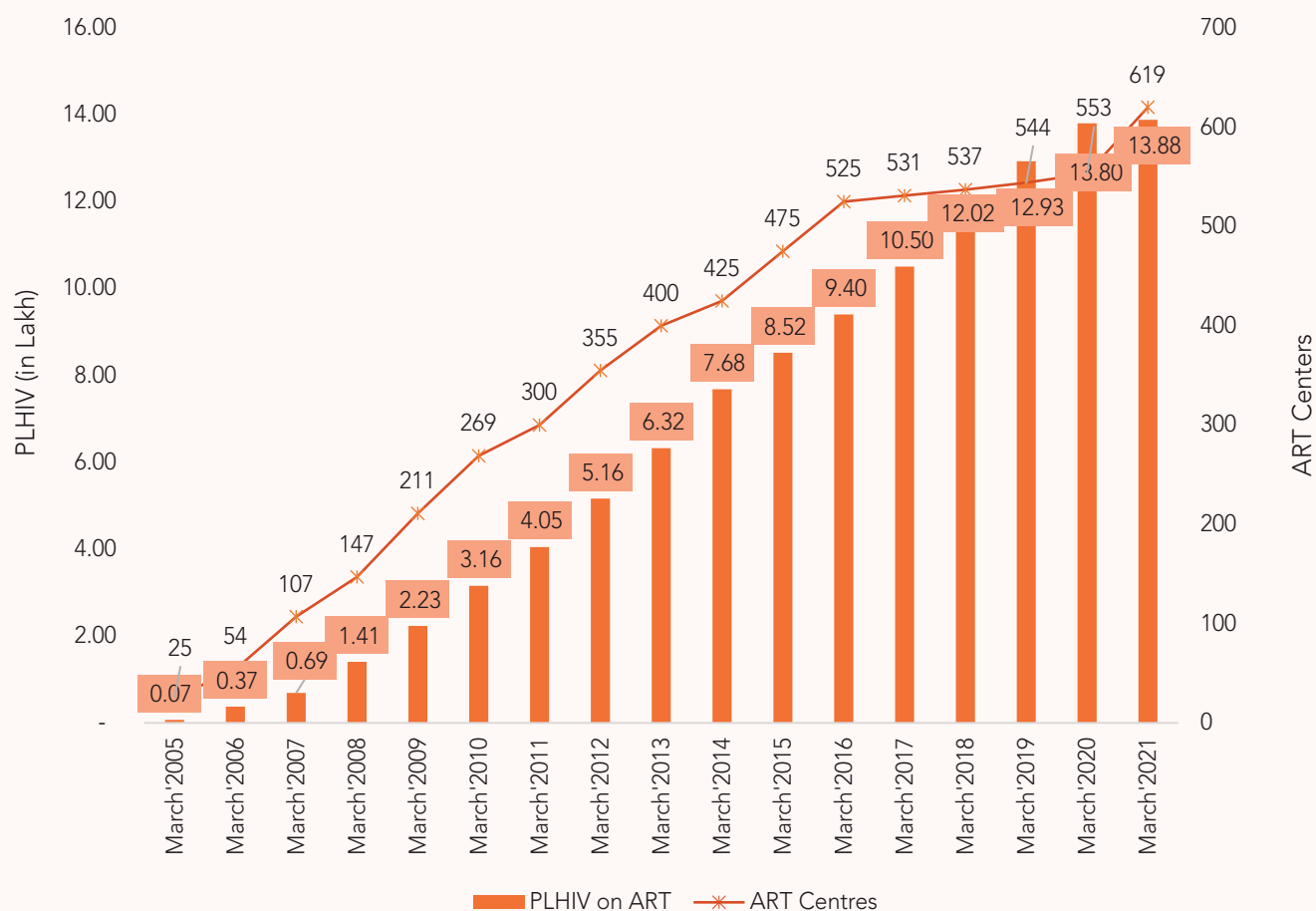


HIV infected people avail ART from private health care providers also. To estimate the size of PLHIV availing ART from private sector, state level ART sales data was collected from Association of Indian Origin Chemist and Distributors Pharma-soft tech (AIOCD). Only 2-drug or 3-drug combinations were considered to calculate the unique number of patients. With a response rate of 54%, it was estimated that PLHIV availing ART from private sector may range from 1,05,767 to 1,95,864. Based on this assessment, for all reporting purposes, it has been assumed that 1,05,767 PLHIV are on ART in private sector.

Overall, as on March 2021, there around 14.94 lakh PLHIV were on ART in India. This included around 13.88 lakh PLHIV availing free lifelong ART from 619

ART centers under NACP. As evident, scale-up of HIV treatment services in the country has been accelerated. By March 2010, there were 3.16 lakh PLHIV alive and on ART at 269 ART centers. In comparison, there were 8.52 lakh PLHIV alive and on ART in March 2015 at 475 ART centers. In next six years, another 5.36 lakh PLHIV were added to this pool, with additional 145 ART centers, having a total of 13.88 lakh PLHIV alive and on ART at ART centers on March 2021 under NACP. This is largely attributed to adoption of “Test and Treat” under program with many PLHIV under active care but not on ART benefitting from the policy. At the same time, Mission Sampark also played an important role bringing back many of “Lost to Follow-Up” PLHIV under system as a result of the campaign.

Figure 8.3: Scale-up of ART facilities and PLHIV on ART at NACP facilities



Out of total of 13.88 lakh PLHIV alive and on ART at ART centers under NACP, around 51% (around 7.00 lakh) were males, 49% were females (6.76 lakh) while few (0.04 lakh) were Hijra/Transgender (H/TG) people. Overall, 4.7% (0.65 lakh) were on second line ART while very few (around three thousand) were on third line of ART.

Maharashtra has the highest number of ART centers (94) and PLHIV on ART (2.88 lakh, 19.3% of total PLHIV on ART) at these centers with an average of 3,065 PLHIV on ART per center. In comparison Andhra Pradesh, having the second largest number of PLHIV on ART (1.96 lakh), has 40 ART centers with an average of 4,891 PLHIV on ART per center. Karnataka (1.79 lakh) and Tamil Nadu (1.25 lakh) has the third and fourth largest PLHIV on ART with a load

of 2,266 to 2,628 per center. Uttar Pradesh (0.92 lakh), Telangana (1.12 lakh), Gujarat (0.76 lakh) and Bihar (0.64 lakh) have next four highest number of PLHIV on ART with an average load ranging from 2,090 to 2,382 per center in all States except for Telangana (average client load of 4,873 per center). Madhya Pradesh, Delhi, Punjab, West Bengal, and Rajasthan each has PLHIV on ART ranging from 0.30 lakh to 0.48 thousand with client load per center between 1,376 Rajasthan and 2,986 Delhi. Together, these 13 States have almost 90% of total PLHIV on ART in the country. Chandigarh also has more than 3,239 PLHIV on ART per center. Clearly, State/UT of Andhra Pradesh, Telangana and Chandigarh are prime locations for intensifying differentiated care delivery model.

Figure 8.4: State/UT-wise average PLHIV on ART per center, 2020-21



Sankalak: Status of National AIDS Response (2021)

Differentiated care model

Differentiated care is a client-centred approach that simplifies and adapts HIV services across the treatment cascade and takes into consideration the preferences and expectations of various groups of PLHIV while reducing unnecessary burden on the health system. By providing differentiated care, the health system can refocus resources to those most in need. Within differentiated care, the effort is to positively improve the client experience while ensuring that the health system is functioning both in a medically accountable and an efficient manner.

The success of differentiated care is an outcome of

use of comprehensive care packages that are designed and offered to PLHIV clients based on the differentiated care framework. For example, as ART cohorts mature, a growing number of people in treatment programmes are adherent and virally suppressed and therefore, do not require frequent clinical and laboratory monitoring. By revising the models of delivery for such clients, their retention on ART and viral suppression could be maintained while reducing the burden on the clinical services providers. As a result, the freed resources could be allocated to enhancing the quality of care for clients most in need.

8.3 ART Initiation and Retention

The Government of India launched “Test and Treat” on 28th April 2017 to put PLHIV on ART as soon as they are detected HIV positive, irrespective of their CD4 count. The objective was to improve the survival and quality of life of the HIV infected person at the individual level and also to fast-track the country response to achieve the “End of AIDS” at the population level.

In 2020-21, among HIV infected people identified at HIV counselling and testing centers, 94% of PLHIV were initiated on ART. In Puducherry, ART initiation was only 51%. While Arunachal Pradesh, Assam, Bihar, Delhi, Haryana, Meghalaya, Odisha, Sikkim were other states with ART initiation among detection ranging between 76% to 89%. In remaining states, ART initiation was above 90%. Some of this gap between detection and ART initiation may be attributed to duplicate testing or registration in the ART centers of neighboring States and data recording/reporting issues. For example, Chandigarh has more PLHIV initiated on ART than the detections made which may be because of PLHIV from neighboring States (like Haryana, Punjab, Himachal Pradesh) availing ART from its facilities. Still, it will be worth exploring the reasons for the gaps in these States/UTs to further strengthen the

linkage from HIV case detection to ART initiation (Table 8.1).

Once initiated, lifelong retention on ART and adherence is critical to achieve and maintain the status of viral suppression and thus eliminating chances of further transmission of virus. Globally, the progress on this aspect is measured as number and percentage of people who are still alive and on ART at 12 months after initiating ART.

Nationally, 12 months retention has hovered between 71% and 75% during 2017-18 to 2020-2021. However, lowest retention rate was 48% in Tripura. The decline in the indicator was seen in majority of the states but while comparing to last year 2019-20 the states like Andhra Pradesh, Assam, Mizoram, Nagaland, Odisha, Pondicherry, and Sikkim showed improvement under the indicator. Bihar and Himachal Pradesh were the state where performance has improved i.e. 74% and 79% respectively (Table 8.1). The National average recorded for 12 months retention was 71%. However, States with largest number of PLHIV on ART (Maharashtra, Andhra Pradesh, Karnataka, Tamil Nadu, Uttar Pradesh, and Telangana) had 12 months retention above the National average.

8.4 Lost to Follow-Up (LFU) PLHIV

Decreasing Loss to follow-up (LFU) of PLHIV is critical to improving retention. NACP launched Mission Sampark on 1st December 2017 to trace those who were Lost to Follow Up and bring them back under ART services.

In 2020-21, there were 162 LFUs for every 1000 PLHIV on ART with a total of overall around 2.25 lakh PLHIV LFUs. The Covid 19 pandemic has resulted in increase of number of PLHIVs falling as LFU owing to interrupted service accessibility, data updating and inability to continue tracking back/ follow up activity under the programme.

State/UT-wise, as on March 2021, Maharashtra has the highest number of LFU PLHIV contributing 26% of the total LFU PLHIV in country followed by Karnataka (10%), Andhra Pradesh, Telangana (9% each),

Delhi (6%), Punjab and Gujarat (5% each) and West Bengal and Bihar (4% each). Together these 10 States contribute three fourth of the total LFU PLHIV in the country.

As on March 2021, Kerala has lowest ratio of 40 LFU for every 1000 PLHIV on ART much lower than the national average. Tamil Nadu, Pondicherry, Uttar Pradesh, Sikkim and Chandigarh were other States/UTs with LFU PLHIV lesser than 100 for every 1000 PLHIV on ART. Haryana, Assam, Uttarakhand, Meghalaya and Delhi have LFU ranging from more than 300 and less than 550 for every 1000 PLHIV on ART. These states have much higher number of LFU for every 1000 PLHIV on ART than National average. The remaining state were in the range between 100 to 299. These States need to intensify the LFU tracing, focused counseling and data audit.

8.5 HIV-TB Co-infection management

TB is one of the most common causes of morbidity and leading cause of mortality among PLHIVs. India has second highest HIV burden country in the world, with an adult (15-49 years) HIV prevalence of 0.22%. PLHIV are 21 (16-27) times at higher risk of developing TB. To mitigate the effect of dual burden of HIV and TB co-infection, close collaboration between HIV programmes and TB programmes was needed. Over two decades of HIV-TB collaboration, it contributed to improving diagnostic, care and prevention services for people living with HIV and TB. The HIV-related TB demands requires urgent, effective and coordinated action to achieve synergies, avoid overlap and fill the gaps in service provision between existing TB and HIV. The goal of collaborative TB/HIV activities aim to decrease the burden of disease and are critical for universal access to diagnostic, care and prevention services for people living with HIV and TB.

NACP and NTEP both aim for promoting access to TB care in all HIV Patients and HIV care to all TB patients. To achieve this, it is necessary to ensure early detection of either infection among all co-infected cases, to ensure early initiation of TB treatment followed by HIV treatment and completion of TB treatment along with good drug compliance of treatment of both the diseases.

Ensuring access to services, prevention (including TB preventive treatment among eligible PLHIV), early detection and prompt management of both the diseases, components such as dedicated human resources, integration of surveillance, joint training, standard recording & reporting, joint monitoring & evaluation, operational research are strategically implemented to strengthen the collaboration.

The strategies being implemented are the intensified case finding activities at the ICTC/F-ICTC, ART centres and TI sites. At the ART centres, the percentage of PLHIV screened for TB has increased from 93.8% (2019-20) to 94.7% (2020-21). In the FY 2020-21, 16 states/UTs, Andhra Pradesh (93.3%), Arunachal Pradesh (77.4%), Bihar (93.7%), Goa (84.6%), Jharkhand (91.6%), Madhya Pradesh (93.9%), & Maharashtra (94.2%), Meghalaya (94.3%), Odisha (90.0%), Puducherry (76.7%), Rajasthan (93.8%), Tamil Nadu (94.0%), Telangana (85.7%), Tripura (94.5%) and Uttarakhand (78.1%), are below the national average.

At the ART centres, PLHIV are screened with 4 symptom (4S) screening and after ruling out active TB, TB Preventive Therapy (TPT) is being given to those PLHIV through the single window delivery mechanism. Till March 2021, 85% (11.9/13.9 lakh) of PLHIV in active care have been initiated on TB preventive treatment.

Table 8.1 State/UT-wise ART initiation among HIV positive detection (%) & 12 months retention on ART (%), 2020-21

State/UT	ART initiation among HIV Positive detection (%)	12 Months retention on ART (%)
Andaman & Nicobar	>=95	-
Andhra Pradesh	95	75
Arunachal Pradesh	76	50
Assam	89	62
Bihar	88	74
Chandigarh	>=95	59
Chhattisgarh	90	61
Delhi	88	71
Goa	>=95	71
Gujarat	>=95	73
Haryana	79	58
Himachal Pradesh	90	79
Jammu & Kashmir and Ladakh	92	75
Jharkhand	>=95	76
Karnataka	94	74
Kerala	>=95	84
Madhya Pradesh	94	65
Maharashtra	>=95	72
Manipur	>=95	79
Meghalaya	89	70
Mizoram	90	81
Nagaland	94	75
Odisha	88	75
Puducherry	51	76
Punjab	>=95	58
Rajasthan	>=95	71
Sikkim	82	92
Tamil Nadu	>=95	74
Telangana	>=95	66
Tripura	94	48
Uttar Pradesh	>=95	73
Uttarakhand	>=95	59
West Bengal	95	73
India	94	71

Color Coding

Green	>=90%
Yellow	75-90%
Blue	<75%

9.

LABORATORY SERVICES



9.1 Viral load Testing

Viral Load testing under NACP is useful for early and accurate detection of treatment failure in PLHIV on ART. The VL test is used for the following purposes:

1. Prognosis: predicts disease progression in the body. High HIV-1 viral load indicates a fast progression of the disease in body and vice versa.
2. Prevention: predicts the risk of transmission of virus from person to person. High HIV-1 viral load indicates a high risk of transmission and vice versa
3. Therapy management: demonstrates the effectiveness of ART for a person. It varies from patient to patient. A high HIV-1 viral load might indicate a need to switch the regimen

Additionally, it helps in quantification of Third 90 target

towards achieving suppressed viral load in 90% of PLHIV on Anti- Retroviral Treatment.

NACO has scaled up routine viral load testing through a two-pronged approach.

1. Public Private Partnership: Viral load testing has been outsourced to a private laboratory through public private partnership. The contract has been further extended for two more years and is valid till February' 2023
2. Scale-up of Public Sector VL laboratories: NACO has procured 64 viral load machines which are installed at public sector laboratories. Out of 64, 63 VL laboratories are functional and are performing routine viral load testing. Currently, only the co-located ART centres are linked with public sector VL labs for testing.

9.2 CD4 Testing

CD4 cells are a type of lymphocyte also known as T helper cells which get activated and generate an effective immunological response to the invading pathogen. CD4 cells have specific receptors on their cell membrane which are the primary target of Human Immunodeficiency Virus (HIV). HIV infection

results in a decline in CD4+ T cell numbers and thus, loss of cell-mediated immunity leading to increased susceptibility to opportunistic infections. At present, there are total 478 CD4 testing machines under NACP which are installed at 465 CD4 testing centres.

Timing of CD4 testing:

CD4 testing is done at the time of first visit of PLHIV to the ART centre. CD4 testing is not a mandatory test for ART initiation but is used for monitoring of immunological response in PLHIV (for this purpose it is done at baseline and thereafter every 6 months), management of OI (opportunistic infections and Immunological failure) and additionally as per clinical condition and at the discretion of treating physician.

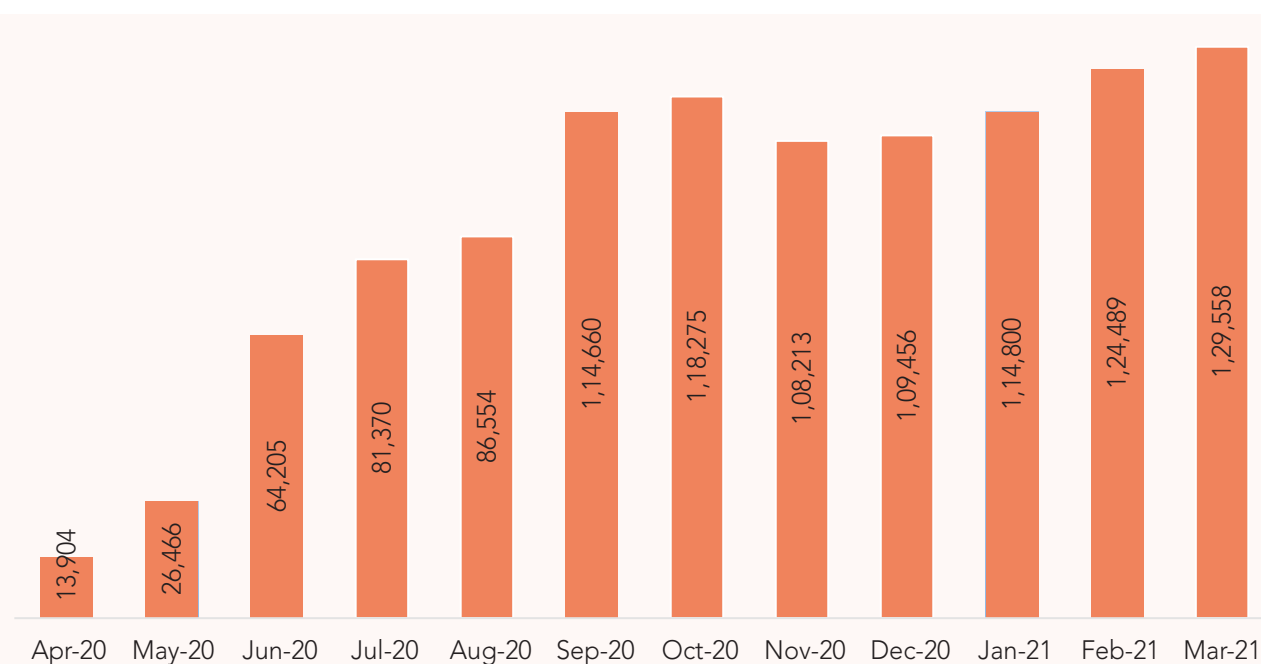
A total of 10,91,950 tests were performed during the FY 2020-21 as depicted in figure 9.1.

To strengthen the implementation of Quality Management System, all Lab Technicians of CD4 labs undergo annual training conducted by NACO and SACS.

Table 9.1 State/ UT-wise VL testing done through Public Private Partnership and Public Sector laboratories, 2020-2021

State/UT	Viral Load testing in PPP labs	Viral Load testing in Public Sector labs
Andhra Pradesh	76,921	29,871
Arunachal Pradesh	60	-
Assam	1,866	-
Bihar	32,819	-
Chandigarh	414	2,447
Chhattisgarh	5,541	2,717
Delhi	16,326	4,226
Goa	2,872	-
Gujarat	64,533	3,072
Haryana	5,262	-
Himachal Pradesh	1,498	307
Jammu & Kashmir	655	-
Jharkhand	6,582	-
Karnataka	77,416	12,014
Kerala	11,194	-
Madhya Pradesh	24,649	299
Maharashtra	1,77,950	29,446
Manipur	5,317	2,678
Meghalaya	1,393	-
Mizoram	7,031	-
Nagaland	6,651	-
Odisha	6,676	-
Pondicherry	875	-
Punjab	27,977	-
Rajasthan	23,578	9,380
Sikkim	105	-
Tamil Nadu	61,183	19,237
Telangana	32,667	5,645
Tripura	745	-
Uttar Pradesh	48,971	8,506
Uttarakhand	2,394	-
West Bengal	23,984	4,367
India	7,56,105	1,34,212

Figure 9.1: Month-wise CD4 testing done, 2020-21



9.3 Laboratory Quality Assurance

Laboratory quality can be defined as accuracy, reliability, and timeliness of the reported test results. Laboratories produce test results that are widely used in clinical and public health settings, and health outcomes depend on the accuracy of the testing and reporting. If inaccurate results are provided, the consequences can be very significant:

1. Unnecessary treatment; treatment complications
2. Failure to provide the proper treatment
3. Delay in correct diagnosis
4. Additional and unnecessary diagnostic testing.

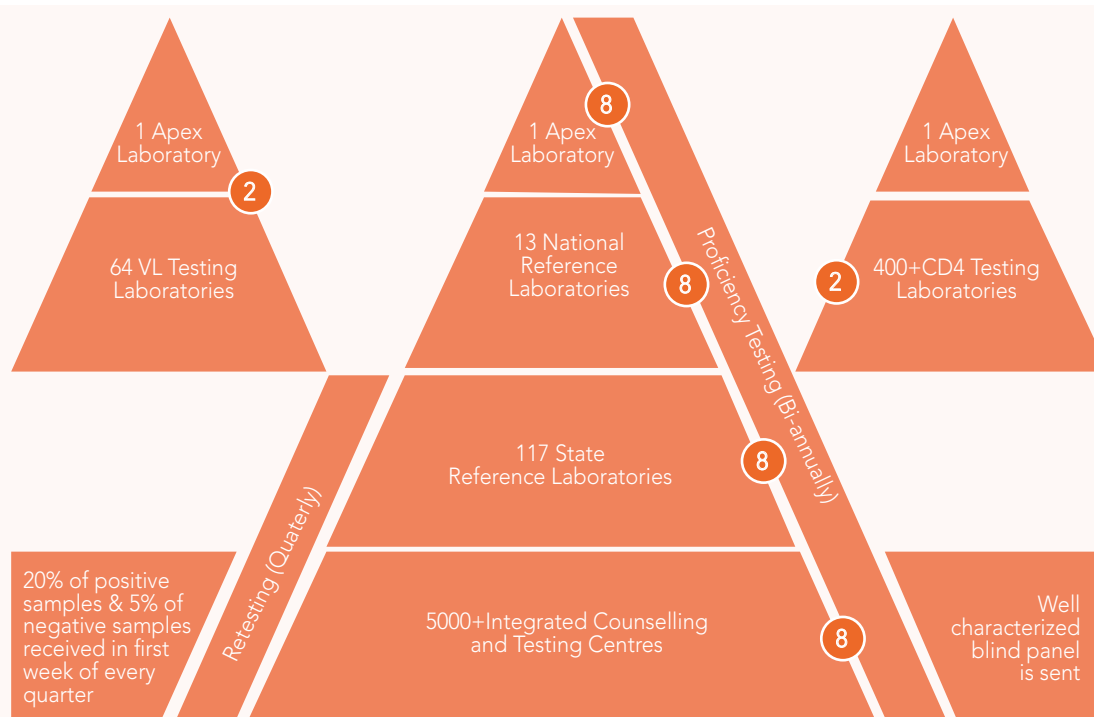
Quality is an integral part of Lab Services Division and emphasis on quality assured laboratory service delivery is important to the success of the NACP. Universal availability and routine access to quality

assured HIV related laboratory services is ensured in all service delivery points. The assurance of quality in HIV testing services and molecular testing is ensured through the implementation of External Quality Assessment (EQA). The EQA ensures high reliability and provide evidence of quality under the programme.

The laboratories are categorized into four tiers, as follows:

- Apex Laboratory (first tier)-National AIDS Research Institute (NARI), Pune
- National level: 13 (NRLs) (second tier).
- State level: 117 State Reference Laboratories (SRLs) (third tier)
- Districts-level: all standalone ICTC

Figure 9.2: EQA for HIV Serology, CD4 and Viral Load Testing laboratories under NACP



The Process of Administering EQA in HIV is done in two ways as depicted in figure 9.2.

1. Panel testing/Proficiency testing
2. Re-testing/Reverse testing

1. Panel Testing: Well Characterized coded panels

are sent biannually from Apex to NRL (8-member panel), NRL to SRL (8-member panel) and SRL to SA-ICTC (4-member panel). The average participation of NRLs in panel testing was 100% with no discordance observed.

Table 9.2: Average participation and discordance of SRLs and ICTCs in panel testing, 2020-21

	Participation (%)	Discordance (%)
SRL	97	0
ICTC	87.2	0.1

The average participation of ICTCs in panel testing in 2018 was 80.7% with discordance of 0.3%. In 2019, improvement has been reported in both areas (Average Participation 86.7%, Discordance 0.1%). While in 2020-21, the average participation for three quarters has slightly increased to 87.2% while discordance remained same 0.1% as was reported in 2019.

2. Re-testing/ reverse testing: 20% of Positive samples and 5% of negative samples tested in ICTCs in first seven working days of each quarter (second, third and fourth quarter of the FY 2020-21) are sent to linked SRLs for re-testing to assess the quality of testing in the ICTCs.

Table 9.3 Average participation and discordance of ICTCs in re-testing, 2020-21

	Participation (%)	Discordance (%)
ICTC	76.5	0.1

The average participation of ICTCs in the FY 2020-21 has reduced from 86.7% to 76.5% since 2019 while

discordance remains unchanged (0.1%) since 2019.

Table 9.4: State/ UT-wise average participation of ICTCs in EQA re-testing, 2020-21

State/UT	Average Participation (%)	Average Discordance (%)
Andaman & Nicobar	92.3	0
Andhra Pradesh	26.1	0
Arunachal Pradesh	35.1	0
Assam	65.3	0
Bihar	18.8	0
Chandigarh	87.2	0
Chhattisgarh	32.5	0
Delhi	92.4	0
Goa	100.0	0
Gujarat	91.6	0
Haryana	81.8	0
Himachal Pradesh	81.5	0
Jammu & Kashmir	62.9	0
Jharkhand	83.1	0
Karnataka	93.3	0.16
Kerala	90.2	0
Madhya Pradesh	56.9	0
Maharashtra	99.0	0.82
Manipur	66.7	0
Meghalaya	88.9	0
Mizoram	91.1	0
Nagaland	53.3	0
Odisha	94.7	0
Puducherry	100.0	0
Punjab	74.6	0
Rajasthan	83.2	0
Sikkim	100.0	0
Tamil Nadu	92.2	0
Telangana	97.0	0
Tripura	100.0	0
Uttar Pradesh	82.2	0
Uttrakhand	34.7	0
West Bengal	53.9	0.20
India	76.5	0.1

Viral Load External Quality Assessment (VL-EQA)

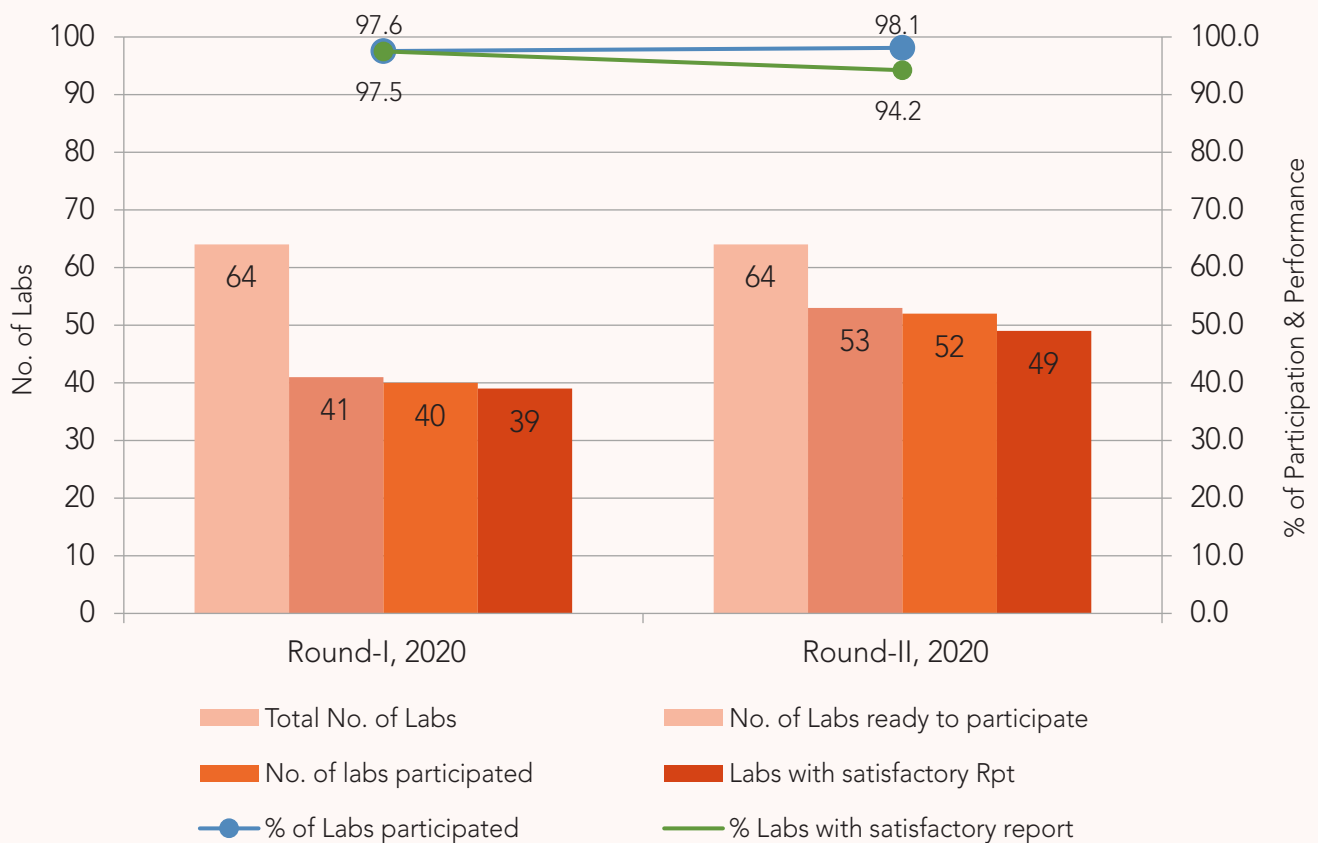
Indian Council of Medical Research (ICMR) - National AIDS Research Institute (NARI), Pune has been identified as an Apex laboratory for executing the countrywide Viral load (VL) Proficiency testing (PT) programme. Proficiency testing is an essential component in a comprehensive laboratory quality assurance program.

In 2020-2021 two PT rounds (R) were conducted. In

R-1, 41 VL labs participated. Out of these 41 labs, 31 scored acceptable results (with z score <3), result of two labs in PT programme were unacceptable.

In R-2, 52 VL labs participated. Out of these 52 labs, 38 labs scored acceptable results (with z score <3) and result of eight labs in PT programme were unacceptable.

Figure 9.3: Average participation and performance of VL labs in two Proficiency testing rounds conducted, 2020-2021



EID External Quality Assessment (EID-EQA)

All 6 EID Laboratories participate in EQA from CDC Atlanta. This is a bi-annual activity. Dried Blood Spots are issued with instructions to all participating labs. The labs test the results within the defined time and submit the report on the portal. In 2020-21, the 1st

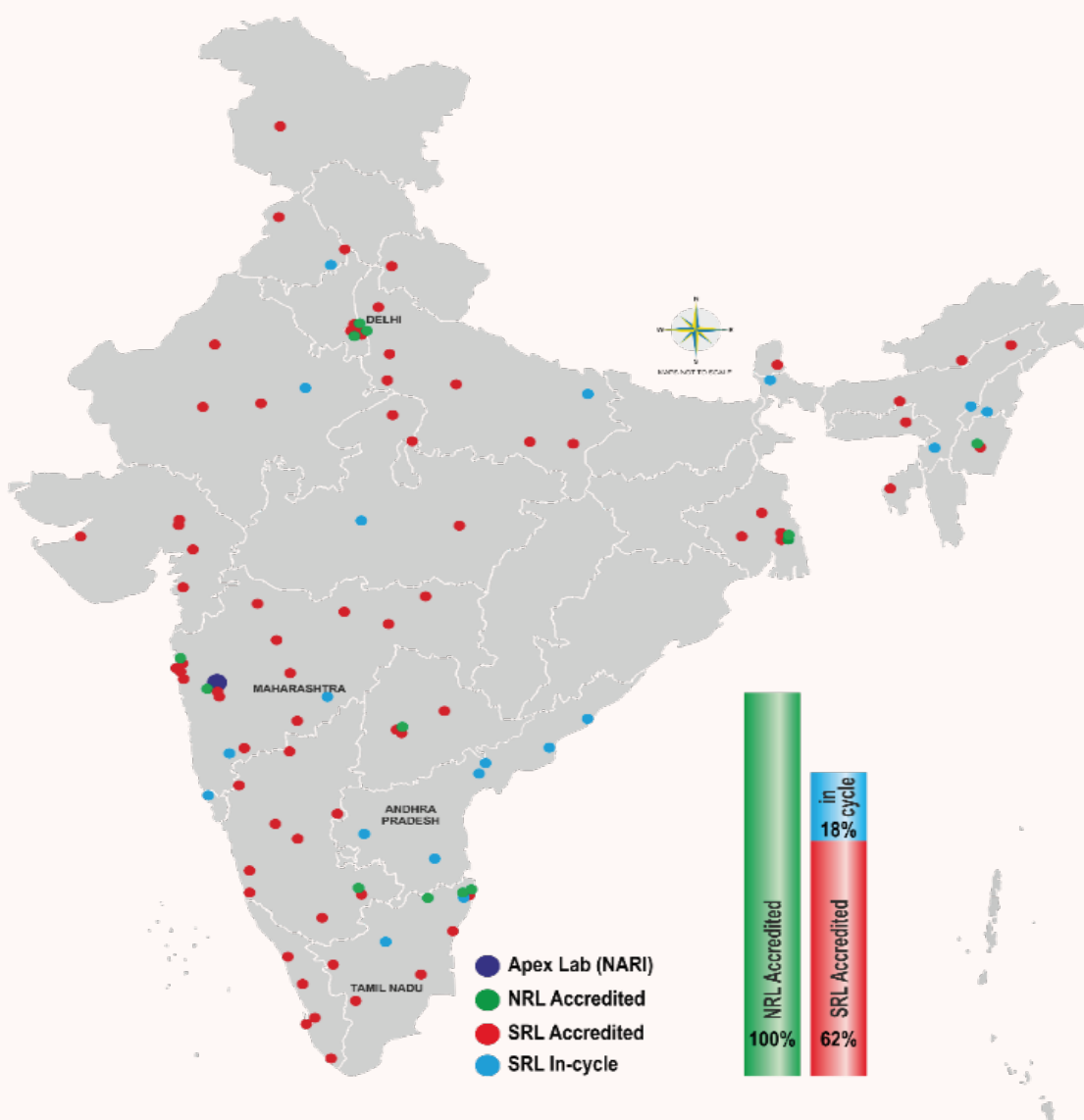
round could not be conducted due the nationwide lockdown. However, the second round was successfully completed. All six EID labs scored 100% in External Quality Assessment.

Accreditation of NRLs & SRLs

Under the programme, apart from EQA activity, the laboratories are encouraged to go for accreditation. An accredited laboratory inspires confidence in its customers. Laboratory accreditation is internationally accepted framework for increasing test quality and

reducing the frequency of laboratory errors. Thus, it is very important for a laboratory to achieve desired quality standards. As on March 2021, all 13 NRLs and 80 SRLs (out of total 117 SRLs) have achieved NABL accreditation.

Figure 9.4: NRLs and SRLs, 2020-21



10. ELIMINATION OF MOTHER TO CHILD TRANSMISSION OF HIV



One of the main routes of HIV transmission among babies is Mother to Child transmission of HIV during gestation, labour and postpartum through breastfeeding. India is embarking towards achievement of UNAIDS goal of elimination of Parent-to-Child Transmission of HIV through Prevention of Parent to Child transmission of HIV programme under NACP. The prevention of parent to child transmission (PPTCT) programme was started

in the country in the year 2002 with the aim of offering HIV testing to every pregnant woman (universal coverage) in the country. The PPTCT of HIV transmission under NACP involves free counselling and testing of pregnant women, detection of HIV positive pregnant women, and the administration of ART to HIV positive pregnant women and prophylactic ARV drugs to their infants to prevent the mother to child transmission of HIV.

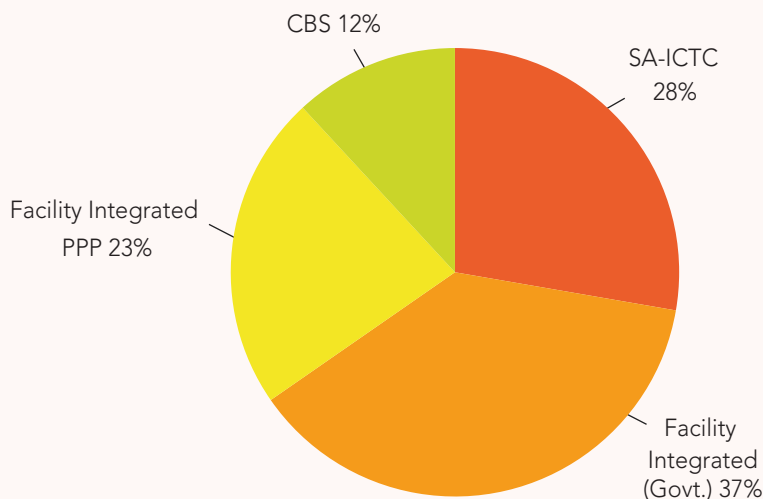
10.1 HIV Testing Coverage

HIV testing is a fundamental element of elimination of mother to child transmission (EMTCT) with an objective to achieve coverage of HIV testing of pregnant women to $\geq 95\%$. Correspondingly over the years, HIV counselling and testing services have been significantly expanded with an increase in HIV testing among pregnant women under the NACP. During the FY 2020-21, almost 2.29 crore HIV test among pregnant women have been conducted (almost 76% of the total estimated pregnant women).

This testing progress in 2020-21 has excluded the repeat testing as reported in monthly report from Stand-alone ICTC model.

Major contribution in HIV testing of pregnant women is largely driven through F-ICTC (Govt and PPP) and CBS model under the programme (Figure 10.1). In 2020-21, around 72% of the pregnant women were tested through F-ICTC and CBS, while 28% of total testing was conducted at SA-ICTCs.

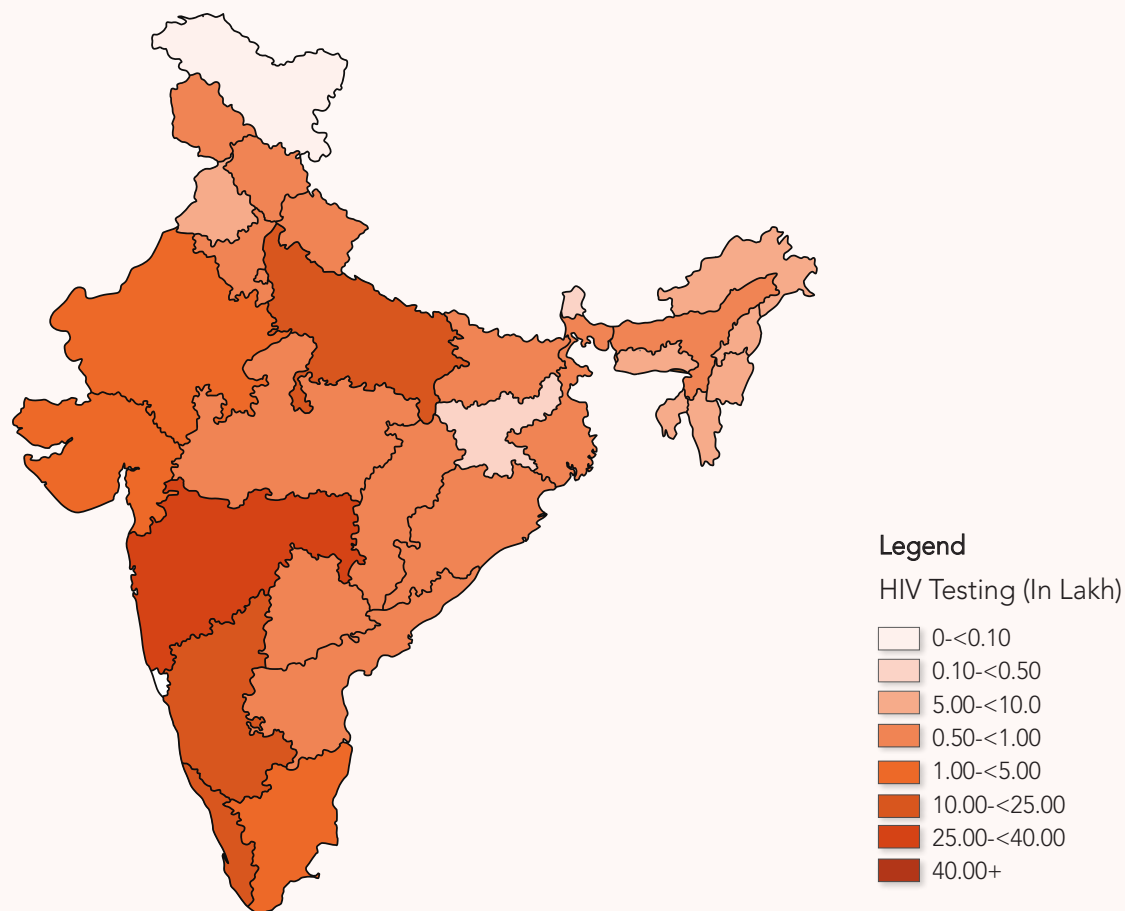
Figure 10.1: HCTS model wise proportional contribution in HCTS uptake among pregnant women, 2020-21



In terms of volume, Uttar Pradesh contributes highest to National HIV testing coverage among pregnant women with almost 21% of the total testing. Maharashtra and Bihar are the second highest contributor (9% each) followed by Madhya Pradesh, Rajasthan, West Bengal, and Gujarat (6%

each) and Tamil Nadu and Karnataka (5% each) contributing to the total HIV testing. The testing pattern broadly is consistent to State/UT-wise distribution of estimated pregnant women in the Country.

Figure 10.2: State/ UT-wise HIV testing (in Lakh) among Pregnant Women, 2020-21



In terms of coverage against the estimated pregnancies, State/UT of Puducherry, Tamil Nadu, Goa, Chandigarh, Meghalaya, Telangana, Karnataka, Maharashtra have been doing at least 95 HIV test for every 100 estimated pregnant women. This has been achieved through sustained focus on programme

resulting in significant increase in HIV testing among pregnant women over the years. There were states like Arunachal Pradesh, and Jammu & Kashmir with less than half of the estimated pregnant women tested for HIV in 2020-21.

Table 10.1: State/UT-wise HIV Testing coverage (in %) against the estimated pregnant women, 2020-21

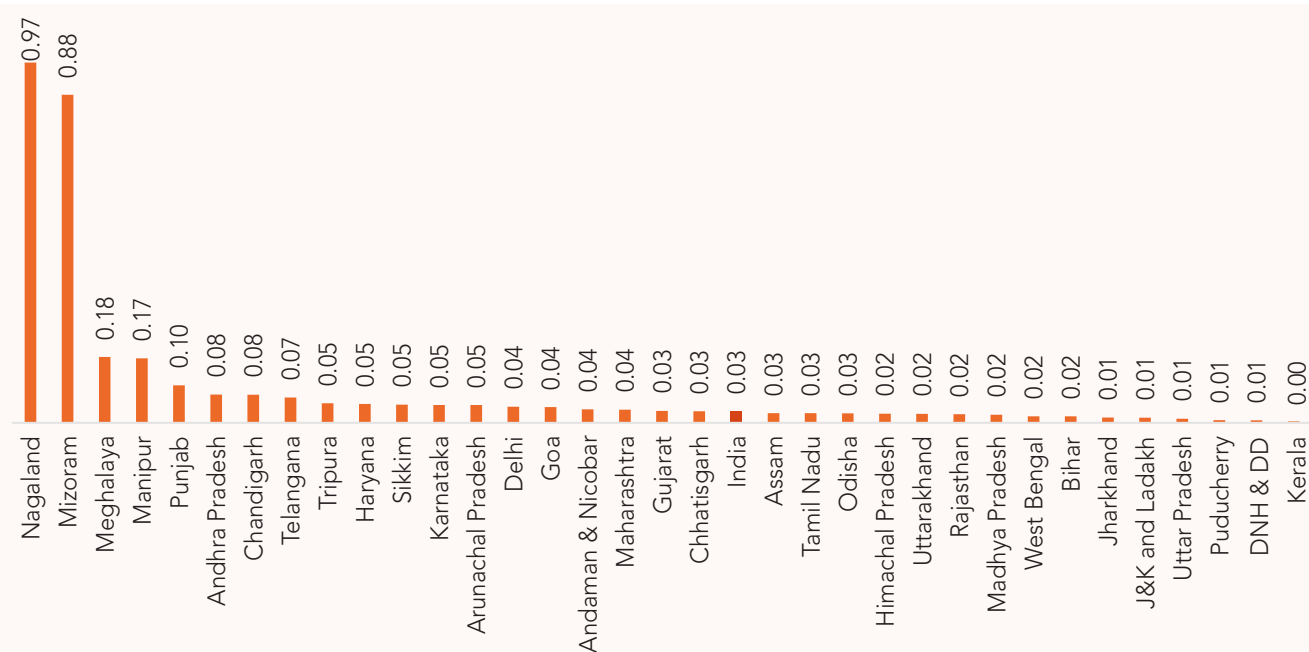
95% or More (#9)	75%- <95% (#10)	50%-<75% (#13)	Less than 50% (#2)
Dadar Nagar Haveli and Daman diu, Puducherry, Tamil Nadu, Goa, Chandigarh, Meghalaya, Telangana, Karnataka & Maharashtra	Mizoram, Gujarat, Andhra Pradesh, Delhi, Uttarakhand, West Bengal, Kerala, Himachal Pradesh, Punjab, Odisha	Haryana, Jharkhand, Uttar Pradesh, Rajasthan, Tripura, Madhya Pradesh, Chhattisgarh, Bihar, Assam, Andaman & Nicobar, Manipur, Nagaland, Sikkim	Arunachal Pradesh, Jammu & Kashmir and Ladakh

10.2 HIV Sero-positivity

Nationally, annual HIV sero-positivity among the pregnant women was around 0.03% in 2020-21. However, there are wide inter-State/UTs variations (Figure 10.3). In 2020-21, HIV sero-positivity in the north-eastern States of Nagaland and Mizoram has

been almost 29-32 times of the national average with sero-positivity of 0.97% and 0.88% respectively. HIV sero-positivity of Meghalaya (0.18%) & Manipur (0.17%) is almost 6 times and Punjab (0.10%) almost 3 times of sero-positivity than the national average.

Figure 10.3: State/UT-wise HIV sero-positivity (%) among pregnant women, 2020-21



10.3 HIV Treatment Coverage

The risk for mother to child transmission of HIV is significantly reduced with the initiation of maternal ART as early as possible during pregnancy or pre-conception itself. Evidence have indicated that peri-partum transmission risk of HIV (i.e. probability of transmitting infection from mother to her unborn child in pregnancy and during delivery) can be reduced to less than 1%, if the mother is on ART since the time of pre-conception and to less than 2%,

if women is put on ART during current pregnancy and has been on ART for at least 4 weeks prior to delivery. Given the role of the HIV treatment coverage on elimination of mother to child transmission of HIV, programme aims to achieve Antiretroviral Treatment (ART) coverage of HIV-positive pregnant women of $\geq 95\%$ in line with the WHO recommendations.

a. Coverage (Facility level denominator)

During the FY 2020-21, there were 11,744 HIV positive pregnant women reported including 4,925 known HIV positive pregnant women which means

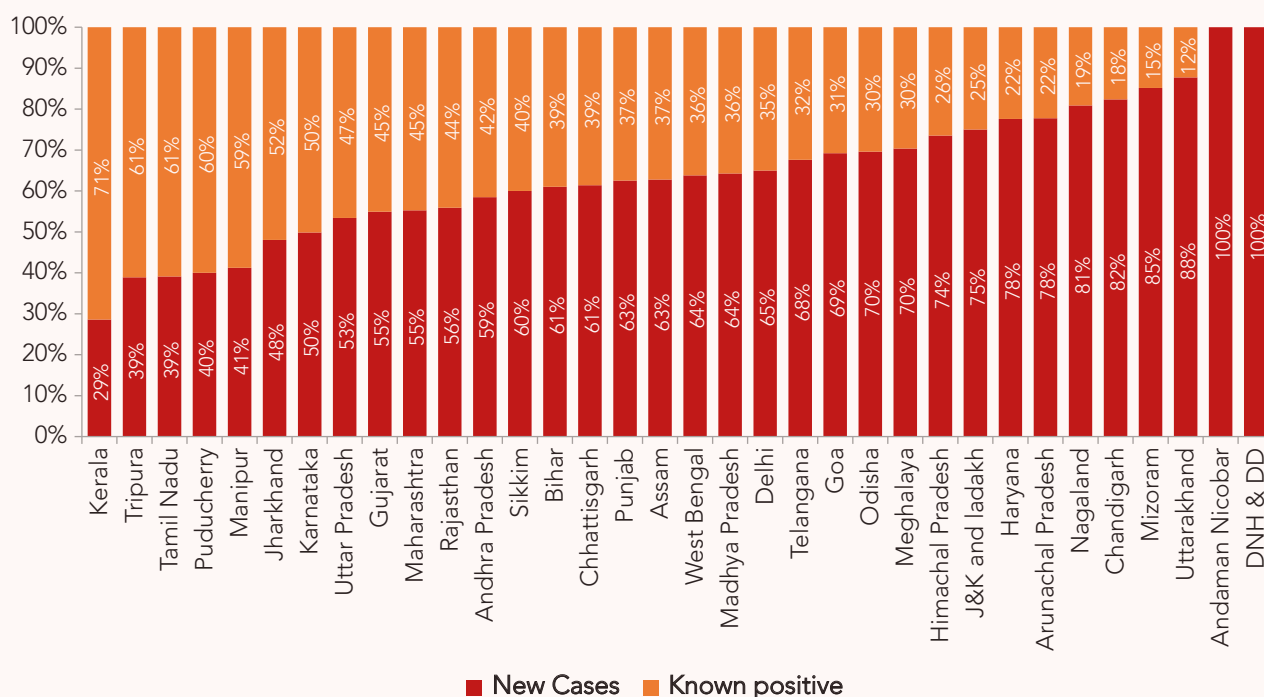
42% of the total HIV positive pregnant women were known positive at the time of entry under EMTCT programme.

* Lakshadweep-data not available

The proportion of known HIV positive pregnant women under EMCTC programme during FY 2020-21 ranged between 50% and 61% (Figure 10.4) in the States like Jharkhand, Karnataka, Kerala, Manipur, Puducherry, Tamil Nadu and Tripura. This is

a clear indication of significant repeat pregnancies among HIV positive pregnant women and it will be critical for the programme to explore whether the repeat pregnancies among HIV-positive women were either unplanned or unwanted.

Figure 10.4: State/ UT-wise percentage distribution of new diagnosis and known positive among total HIV positive pregnant women, 2020-21



Among the total HIV positive pregnant women covered under the programme, the proportion on ART was 93% during the FY 2020-21. There were 17 States/UTs where at least 95% of HIV positive pregnant women were initiated on or were already on life-long ART. The details of the percentage of

pregnant women initiated on ART is given below (Table 10.2). UT of Dadra Nagar Haveli and Daman Diu and Lakshadweep does not have ART facilities and HIV infected people in these locations take ART from neighboring States.

Table 10.2: State/UT-wise HIV treatment coverage (in %) among HIV positive pregnant women (Facility-level denominator), 2020-21

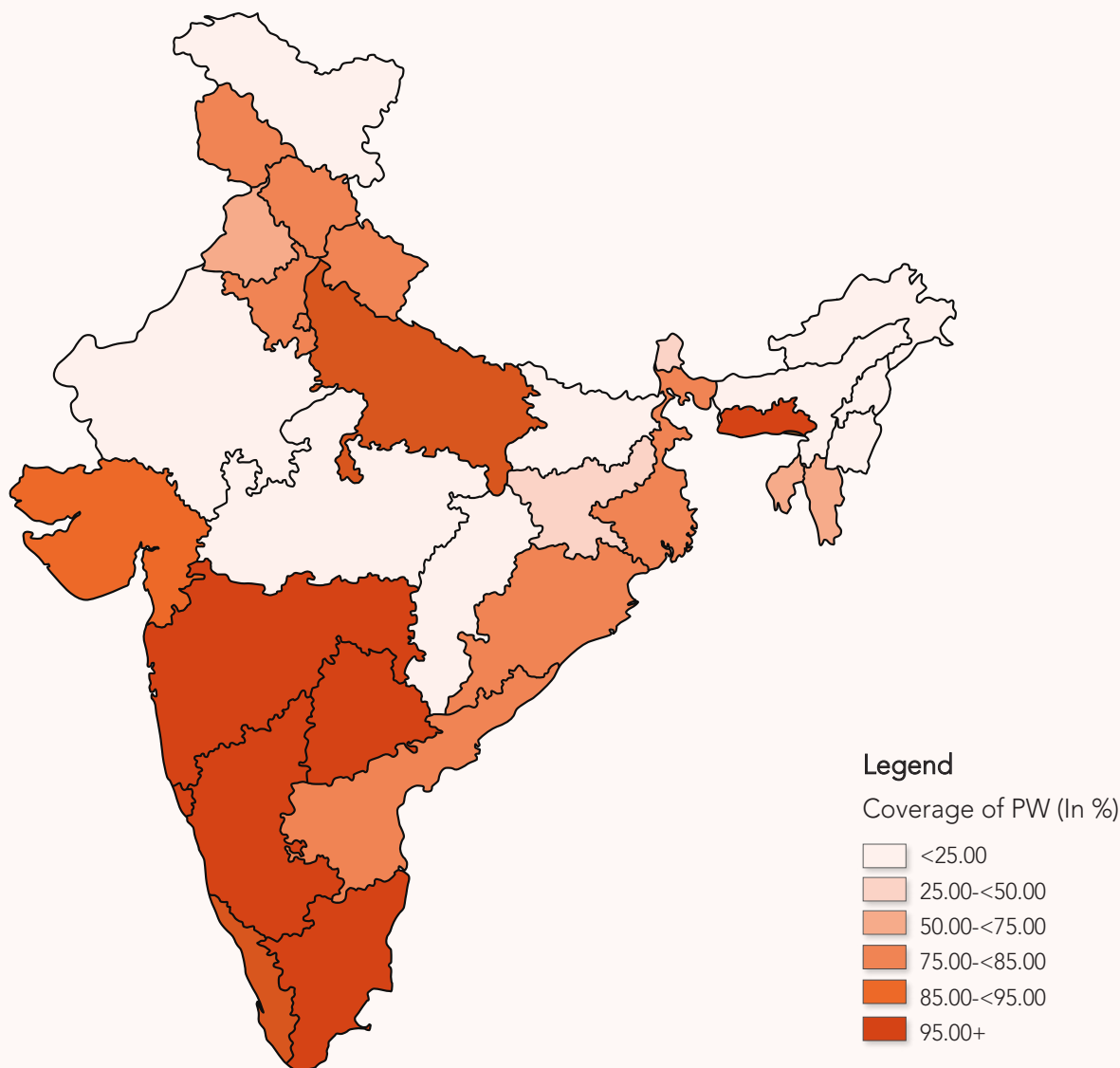
>95% (#16)	75% - <95% (#12)	50%-<75% (#3)	<50% (#2)
Chandigarh, Assam, Chhattisgarh, Rajasthan, Tamil Nadu, West Bengal, Madhya Pradesh, Himachal Pradesh, Jammu & Kashmir and Ladakh, Sikkim, Tripura, Telangana, Uttar Pradesh, Andhra Pradesh, Gujarat, Karnataka	Kerala, Odisha, Maharashtra, Delhi, Manipur, Jharkhand, Punjab, Bihar, Mizoram, Arunachal Pradesh, Uttarakhand, Goa	Meghalaya, Puducherry, Nagaland,	Haryana, Andaman Nicobar Island

b. Coverage (Population level denominator)

As per India HIV Estimations 2020, it was estimated that around 20,900 mothers would require Anti-Retroviral treatment to prevent mother-to-child transmission of HIV. Against this population level denominator, the ART treatment coverage among pregnant women is estimated to be around 52.3% nationally in 2020-21 and out of total reported HIV positive pregnant women, 93% were initiated on ART.

With the reference to the above table, there is a significant scope of improvement among the ART coverage among HIV positive pregnant women to achieve the desired EMTCT goals in 28 states/UTs. In these States, an in-depth review of the programme as well as data will be helpful to understand the aspects related to fast-tracking the progress towards achieving elimination of mother to child transmission of HIV.

Figure 10.5: State/UT-wise HIV Treatment Coverage (%) among HIV positive pregnant women (Population level denominator), 2020-21



* Lakshadweep-data not available

10.4 Early Infant Diagnosis

Early infant diagnosis (EID) of HIV is an integral component of the EMTCT under NACP, ensuring follow up care of HIV exposed children (mother is HIV positive) for early detection of infection and timely access to antiretroviral treatment. The services are offered through all stand-alone ICTCs.

As a part of the EID programme, all of the HIV exposed babies are expected to undergo deoxyribonucleic acid-polymerase chain reaction (DNA-PCR) testing for the diagnosis of HIV infection as early as 6 weeks. Nationally, there were 10,478 HIV exposed babies during 2020-21, and 85% of them were given ARV prophylaxis. During FY 2020-21, 9,673 HIV exposed babies were tested for HIV through DNA-PCR between 6 weeks to 6 months and out of them 78 babies were confirmed HIV positive and 53 babies were initiated on ART.

While nationally almost 92% of the HIV exposed babies were tested for HIV through DNA-PCR between 6 weeks to 6 months of age with significant inter-State/UT variations. There were overall 22 States/UTs with live births of more than 50 HIV exposed babies during 2020-21. Among these States, Chhattisgarh, Haryana, Assam, Nagaland, Arunachal Pradesh and Tripura have 75% or less of the HIV exposed babies were tested for HIV between 6 weeks and 6 months of age. On the other end, in few States like Sikkim, Jammu & Kashmir and Ladakh, Delhi, Puducherry, Uttar Pradesh, Manipur, Tamil Nadu, Telangana, and Rajasthan, the achievement was more than 100% which may be attributed to testing of HIV exposed infants from previous year's cohort or the additional testing of infants from neighbouring States.

Table 10.3: State/UT-wise percent of HIV exposed infants subjected to DNA-PCR testing between 6 weeks-6 months of age, 2020-21

>95% (#13)	75% - <95% (#16)	50%-<75% (#3)	<50% (#2)
Sikkim, Jammu & Kashmir and Ladakh, Delhi, Puducherry, Uttar Pradesh, Manipur, Tamil Nadu, Telangana, Rajasthan, Andaman & Nicobar, Dadra Nagar Haveli and Daman Diu, Kerala, Gujarat	Karnataka, Madhya Pradesh, Goa, Andhra Pradesh, Bihar, Meghalaya, Punjab, Maharashtra, West Bengal, Chandigarh, Odisha, Mizoram, Himachal Pradesh, Uttarakhand, Jharkhand, Chhattisgarh	Haryana, Assam, Nagaland	Arunachal Pradesh, Tripura

Table 10.4: EMTCT cascade for HIV, 2020-21

Indicator	2020-2021
Estimated pregnant women (PW) (lakh)	300.61
HIV testing among PW (lakh)	229.78
HIV sero-positivity among tested (%)	0.03
HIV Positive PW (old + new detections)	11,744
On life-long ART	10,937
Live births among HIV positive PW	10,478
Babies given ARV Drug (%)	85
Babies tested for HIV (6 weeks - 6 months)	9,673
Babies diagnosed HIV positive (6 weeks - 6 months)	78
HIV exposed babies at 18 months	
HIV exposed babies tested at 18 months	8,385
HIV positive babies at 18 months	297
HIV positive babies initiated on ART	257

*Lakshadweep-data not available



FACT SHEET

INDIA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.23	0.20	0.22
2. Estimated people living with HIV	12,91,774	10,26,963	23,18,737
3. Estimated children living with HIV	42,747	38,683	81,428
4. Annual New HIV infections	32,858	24,690	57,549
5. Annual AIDS related deaths (ARD)	23,032	8,911	31,944
6. Change in annual new HIV infections since 2010 (%)	-49	-47	-48
7. Change in annual ARD since 2010 (%)	-79	-88	-82
8. EMTCT need	-	20,926	20,926

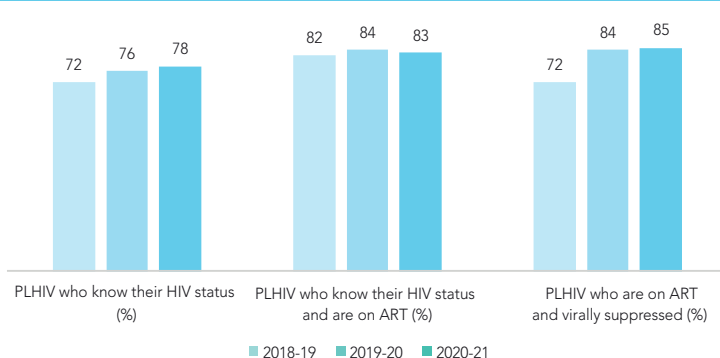
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	8,68,000	74.2	48.5	1.56
2. Men who have sex with men	3,57,000	55.3	46.9	2.69
3. Injecting Drug Users	1,77,000	50	85.5	6.26
4. Hijra/Transgender People	70,000	65.2	35.5	3.14
5. Migrants	72,00,000	-	-	0.51
6. Truckers	20,00,000	-	-	0.86
7. Prison inmates	21,94,364	49.2	39.6	2.10

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	32.5	20.9	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	31.5	38.6	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	78.9	74.6	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	72.7	68.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	7.1	0.7	-
5.1 Condom use during last higher-risk intercourse (%)	49.5	36.1	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	35.3	1.8	-
6.1 Condom use during last higher-risk intercourse (%)	48	38.1	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	23,18,737
2. PLHIV who know their HIV Status	18,10,122
3. PLHIV who know their HIV status and are on ART	14,94,143
4. PLHIV who are on ART and tested for their viral load	7,86,011
5. PLHIV who are virally suppressed	6,67,457

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	49,517
2. Colleges with operational Red Ribbon Clubs (RRC)	12,546
3. Persons trained under mainstreaming	1,73,246
4. No. of calls received at helpline	4,31,348

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	1,167
2. Clients managed	68,28,277
3. RPR Tests conducted	29,75,067
4. Syphilis seropositivity (%)	0.49

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	1,131
2. Blood units collection (in lakh)	58,33,647
3. Voluntary blood collection (%)	74.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	1,472
2. OST centres	232
3. Employer Led Model Interventions	868

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	8,68,000
2. Coverage (%)	>=95
3. Condoms distributed	11,25,72,819
4. Tested for HIV (April 2020 - September 2020)	3,52,872
4.1. HIV sero-positive (%)	0.08
4.1.1. Linked to ART	274
5. Tested for HIV (October 2020 - March 2021)	6,00,897
5.1. HIV sero-positive (%)	0.09
5.1.1. Linked to ART	503
6. Clinic Visits	16,23,062
7. STI/RTI treated	25,489
8. Presumptive treatment	1,00,179

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	3,57,000
2. Coverage (%)	88
3. Condoms distributed	3,61,21,816
4. Tested for HIV (April 2020 - September 2020)	1,32,035
4.1. HIV sero-positive (%)	0.23
4.1.1. Linked to ART	299
5. Tested for HIV (October 2020 - March 2021)	2,13,983
5.1. HIV sero-positive (%)	0.24
5.1.1. Linked to ART	470
6. Clinic Visits	5,81,073
7. STI/RTI treated	5,566
8. Presumptive treatment	37,585

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,77,000
2. Coverage (%)	>=95
3. Needles distributed	3,12,04,681
4. Syringes distributed	2,27,68,061
5. On OST	41,215
6. Tested for HIV (April 2020 - September 2020)	76,664
6.1. HIV sero-positive (%)	0.98
6.1.1. Linked to ART	557
7. Tested for HIV (October 2020 - March 2021)	1,13,807
7.1. HIV sero-positive (%)	0.90
7.1.1. Linked to ART	819

E. Hijra/Transgender people

Indicator	2020-21
1. Estimated size	70,000
2. Coverage (%)	95
3. Condoms distributed	80,17,912
4. Tested for HIV (April 2020 - September 2020)	21,361
4.1. HIV sero-positive (%)	0.56
4.1.1. Linked to ART	107
5. Tested for HIV (October 2020 - March 2021)	38,637
5.1. HIV sero-positive (%)	0.38
5.1.1. Put on ART	134
6. Clinic Visits	1,00,717
7. STI / RTI treated	1,326
8. Presumptive treatment	7,036

F. Migrants

Indicator	2020-21
1. Estimated size	72,00,000
2. Coverage (%)	58
3. Tested for HIV	6,26,483
3.1. HIV sero-positive (%)	0.11
3.2. Linked to ART	596

G. Truckers

Indicator	2020-21
1. Estimated size	20,00,000
2. Coverage (%)	44
3. Tested for HIV	1,51,122
3.1. HIV sero-positive (%)	0.10
3.2. On ART	123

H. Prison Inmates

Indicator	2020-21
1. Total prisons	1,350
2. Prisons covered under programme	1,059
3. Total inmates admitted	22,61,780
4. Inmates Covered(%)	40.1
5. Tested for HIV	4,80,058
5.1. HIV sero-positive (%)	0.44
5.2. On ART (%)	85.53

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	138
2. Vulnerable population covered	16,93,345
3. Tested for HIV	9,46,361
3.1. HIV sero-positive (%)	0.15
3.2. Linked to ART (%)	93.14

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	33,862
1.1. Stand-alone	5,352
1.2. Facility integrated (Govt)	22,042
1.3. Facility integrated (PPP)	3,852
1.4. CBS	2,616

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	1,83,45,488
1.1. Stand-alone	1,17,10,679
1.2. Facility integrated (Govt)	28,28,919
1.3. Facility integrated (PPP)	22,70,407
1.4. CBS	15,35,483
2. Found HIV Positive among tested	1,00,918
3. HIV sero-positivity (%) among tested	0.55
4. Spouse/sexual partner testing of HIV positive people identified	44,800
5. HIV- TB cross-referral	24,36,057
5.1 In referral from NTEP	16,61,701
5.1.1 HIV sero-positive (%)	1.94
5.2. ICTC clients referred to NTEP	7,74,356

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	619
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	11
2.2. Centre of Excellence (Paediatric)	7
3. Link ART Centres	1,261
4. Care Support Centres	310

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	1,00,918
2. New PLHIV Registered at ART center	1,01,757
2.1 Initiated on ART	95,451
3. PLHIV alive and on ART	14,94,143
4. 12 months retention on ART (%)	71
5. Lost to follow-up cases	2,25,211
6. Among all PLHIV attendees, % screened for TB	95

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	64
1.1 Accredited Viral load laboratories	14
2. Viral load testing conducted	8,90,317
3. National reference laboratories (NRL)	13
3.1 Accredited NRL	13
4. State reference laboratories (SRL)	117
4.1 Accredited SRL	80
5. CD4 testing conducted	10,91,950
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	76.50
6.2. Average Discordance (%)	0.1

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	3,00,61,070
2. HIV testing among PW	2,29,78,707
2.1. Stand-alone	63,52,137
2.2. Facility integrated (Govt)	86,73,064
2.3. Facility integrated (PPP)	51,86,007
2.4. CBS	27,67,499
3. HIV sero-positivity (%) among tested	0.03
4. HIV Positive (old + new detections)	11,744
4.1 On life-long ART	10,937
5. Live births among HIV positive PW	10,478
5.1 Babies given ARV Drug (%)	85
5.2 Babies tested for HIV (6 weeks- 6 months)	9,673
5.3 Babies found HIV Positive (6 weeks- 6 months)	78
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	8,385
6.2 HIV positive babies at 18 months	297
6.3 HIV positive babies initiated on ART	257

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	NA
2. State designated/appointed ombudsman	NA



FACT SHEET

ANDAMAN & NICOBAR ISLANDS

ANDAMAN & NICOBAR ISLANDS

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.15	0.11	0.13
2. Estimated people living with HIV	282	201	483
3. Estimated children living with HIV	9	10	19
4. Annual New HIV infections	9	6	15
5. Annual AIDS related deaths (ARD)	14	7	21
6. Change in annual new HIV infections since 2010 (%)	-67	-65	-66
7. Change in annual ARD since 2010 (%)	0	-13	-5
8. EMTCT need	-	4	4

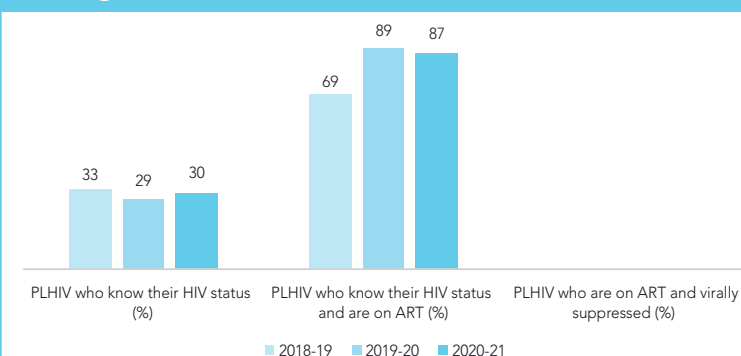
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	-	-	-	-
2. Men who have sex with men	-	-	-	-
3. Injecting Drug Users	-	-	-	-
4. Hijra/Transgender People	-	-	-	-
5. Migrants	-	-	-	-
6. Truckers	-	-	-	-
7. Prison inmates	-	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	-	-	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	-	-	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	-	-	-
5.1 Condom use during last higher-risk intercourse (%)	-	-	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	-	-
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	483
2. PLHIV who know their HIV Status	146
3. PLHIV who know their HIV status and are on ART	127
4. PLHIV who are on ART and tested for their viral load	0
5. PLHIV who are virally suppressed	0

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	116
2. Colleges with operational Red Ribbon Clubs (RRC)	13
3. Persons trained under mainstreaming	3,592
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	1
2. Clients managed	1,493
3. RPR Tests conducted	1,286
4. Syphilis seropositivity (%)	0.00

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	1
2. Blood units collection (in lakh)	4,177
3. Voluntary blood collection (%)	95.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	-
2. OST centres	-
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	-

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	0

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Needles distributed	-
4. Syringes distributed	-
5. On OST	-
6. Tested for HIV (April 2020 - September 2020)	-
6.1. HIV sero-positive (%)	-
6.1.1. Linked to ART	-
7. Tested for HIV (October 2020 - March 2021)	-
7.1. HIV sero-positive (%)	-
7.1.1. Linked to ART	-

E. Hijra/Transgender people

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	0

F. Migrants

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART	-

G. Truckers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	4
2. Prisons covered under programme	-
3. Total inmates admitted	825
4. Inmates Covered(%)	-
5. Tested for HIV	-
5.1. HIV sero-positive (%)	-
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people**A. HIV Counselling and Testing Services (HCTS)**

Indicator	2020-21
1. ICTC facilities	39
1.1. Stand-alone	13
1.2. Facility integrated (Govt)	24
1.3. Facility integrated (PPP)	2
1.4. CBS	-

B. HIV testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	16,631
1.1. Stand-alone	15,434
1.2. Facility integrated (Govt)	1,197
1.3. Facility integrated (PPP)	-
1.4. CBS	-
2. Found HIV Positive among tested	12
3. HIV sero-positivity (%) among tested	0.07
4. Spouse/sexual partner testing of HIV positive people identified	5
5. HIV- TB cross-referral	605
5.1 In referral from NTEP	419
5.1.1 HIV sero-positive (%)	0.48
5.2. ICTC clients referred to NTEP	186

6. Initiation and retention on ART of HIV infected people**A. Treatment Facilities**

Indicator	2020-21
1. ART Centres	1
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	-
4. Care Support Centres	-

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	12
2. New PLHIV Registered at ART center	17
2.1 Initiated on ART	15
3. PLHIV alive and on ART	127
4. 12 months retention on ART (%)	-
5. Lost to follow-up cases	17
6. Among all PLHIV attendees, % screened for TB	100

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	-
3. National reference laboratories (NRL)	-
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	0
5. CD4 testing conducted	0
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	92.31
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	4,740
2. HIV testing among PW	2,755
2.1. Stand-alone	1,139
2.2. Facility integrated (Govt)	1,063
2.3. Facility integrated (PPP)	553
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.04
4. HIV Positive (old + new detections)	1
4.1 On life-long ART	0
5. Live births among HIV positive PW	0
5.1 Babies given ARV Drug (%)	-
5.2 Babies tested for HIV (6 weeks- 6 months)	1
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	0
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

ANDHRA PRADESH

ANDHRA PRADESH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.69	0.62	0.66
2. Estimated people living with HIV	1,57,291	1,45,420	3,02,711
3. Estimated children living with HIV	3,471	3,215	6,686
4. Annual New HIV infections	1,266	990	2,256
5. Annual AIDS related deaths (ARD)	5,623	1,452	7,074
6. Change in annual new HIV infections since 2010 (%)	-72	-72	-72
7. Change in annual ARD since 2010 (%)	-76	-91	-82
8. EMTCT need	-	1,495	1,495

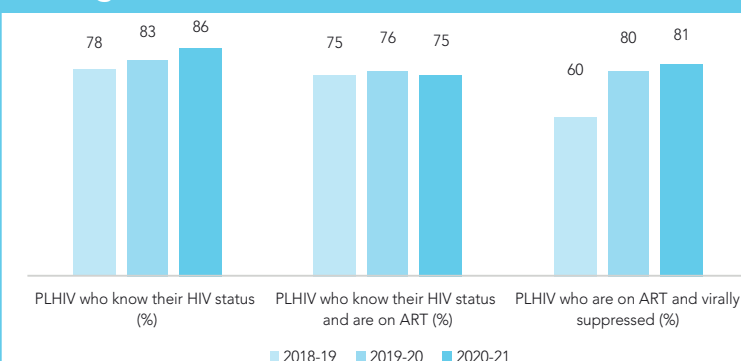
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	1,17,584	73.1	56.7	0.68
2. Men who have sex with men	17,777	52	77.9	1.6
3. Injecting Drug Users	1,284	72.1	90.3	0
4. Hijra/Transgender People	3,565	37.8	-	4.24
5. Migrants	1,99,533	-	-	0.4
6. Truckers	52,345	-	-	0.4
7. Prison inmates	69,761	27	-	1.90

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	55.5	28.9	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	63.2	36.2	47.8
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	68.5	66	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	77.4	67.4	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	2.9	0.3	1.4
5.1 Condom use during last higher-risk intercourse (%)	-	-	21
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	13.7	0	2.5
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	3,02,711
2. PLHIV who know their HIV Status	2,61,302
3. PLHIV who know their HIV status and are on ART	1,95,626
4. PLHIV who are on ART and tested for their viral load	96,908
5. PLHIV who are virally suppressed	78,739

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	1,369
2. Colleges with operational Red Ribbon Clubs (RRC)	282
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	55
2. Clients managed	4,61,307
3. RPR Tests conducted	1,36,412
4. Syphilis seropositivity (%)	0.22

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	61
2. Blood units collection (in lakh)	1,90,096
3. Voluntary blood collection (%)	82.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	96
2. OST centres	2
3. Employer Led Model Interventions	26

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	1,17,584
2. Coverage (%)	>=95
3. Condoms distributed	2,03,15,095
4. Tested for HIV (April 2020 - September 2020)	29,769
4.1. HIV sero-positive (%)	0.07
4.1.1. Linked to ART	19
5. Tested for HIV (October 2020 - March 2021)	92,764
5.1. HIV sero-positive (%)	0.06
5.1.1. Linked to ART	49
6. Clinic Visits	2,24,766
7. STI/RTI treated	744
8. Presumptive treatment	13,962

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	17,777
2. Coverage (%)	>=95
3. Condoms distributed	38,28,450
4. Tested for HIV (April 2020 - September 2020)	6,083
4.1. HIV sero-positive (%)	0.16
4.1.1. Linked to ART	11
5. Tested for HIV (October 2020 - March 2021)	18,128
5.1. HIV sero-positive (%)	0.15
5.1.1. Linked to ART	26
6. Clinic Visits	41,872
7. STI/RTI treated	94
8. Presumptive treatment	2,621

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,284
2. Coverage (%)	>=95
3. Needles distributed	2,43,937
4. Syringes distributed	2,43,937
5. On OST	94
6. Tested for HIV (April 2020 - September 2020)	753
6.1. HIV sero-positive (%)	0.13
6.1.1. Linked to ART	1
7. Tested for HIV (October 2020 - March 2021)	1,109
7.1. HIV sero-positive (%)	0.09
7.1.1. Linked to ART	1

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	3,565
2. Coverage (%)	>=95
3. Condoms distributed	6,62,663
4. Tested for HIV (April 2020 - September 2020)	905
4.1. HIV sero-positive (%)	0.99
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	2,726
5.1. HIV sero-positive (%)	0.51
5.1.1. Put on ART	14
6. Clinic Visits	5,969
7. STI / RTI treated	10
8. Presumptive treatment	524

F. Migrants

Indicator	2020-21
1. Estimated size	1,99,533
2. Coverage (%)	13
3. Tested for HIV	24,887
3.1. HIV sero-positive (%)	0.07
3.2. Linked to ART	12

G. Truckers

Indicator	2020-21
1. Estimated size	52,345
2. Coverage (%)	38
3. Tested for HIV	7,292
3.1. HIV sero-positive (%)	0.03
3.2. On ART	1

H. Prison Inmates

Indicator	2020-21
1. Total prisons	106
2. Prisons covered under programme	64
3. Total inmates admitted	72,304
4. Inmates Covered(%)	10.8
5. Tested for HIV	2,852
5.1. HIV sero-positive (%)	0.95
5.2. On ART (%)	81.48

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	21
2. Vulnerable population covered	1,57,098
3. Tested for HIV	74,815
3.1. HIV sero-positive (%)	0.23
3.2. Linked to ART (%)	95.38

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	1,959
1.1. Stand-alone	227
1.2. Facility integrated (Govt)	1,447
1.3. Facility integrated (PPP)	181
1.4. CBS	104

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	7,58,351
1.1. Stand-alone	3,72,000
1.2. Facility integrated (Govt)	1,24,642
1.3. Facility integrated (PPP)	1,45,740
1.4. CBS	1,15,969
2. Found HIV Positive among tested	9,922
3. HIV sero-positivity (%) among tested	1.31
4. Spouse/sexual partner testing of HIV positive people identified	4,287
5. HIV- TB cross-referral	98,679
5.1 In referral from NTEP	64,291
5.1.1 HIV sero-positive (%)	5.41
5.2. ICTC clients referred to NTEP	34,388

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	40
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	117
4. Care Support Centres	23

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	9,922
2. New PLHIV Registered at ART center	10,259
2.1 Initiated on ART	9,952
3. PLHIV alive and on ART	1,95,626
4. 12 months retention on ART (%)	75
5. Lost to follow-up cases	19,724
6. Among all PLHIV attendees, % screened for TB	93

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	10
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	1,06,792
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	0
4. State reference laboratories (SRL)	7
4.1 Accredited SRL	0
5. CD4 testing conducted	1,11,962
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	26.11
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	9,01,690
2. HIV testing among PW	7,70,229
2.1. Stand-alone	2,55,314
2.2. Facility integrated (Govt)	1,66,974
2.3. Facility integrated (PPP)	3,45,389
2.4. CBS	2,552
3. HIV sero-positivity (%) among tested	0.08
4. HIV Positive (old + new detections)	1,000
4.1 On life-long ART	982
5. Live births among HIV positive PW	809
5.1 Babies given ARV Drug (%)	97
5.2 Babies tested for HIV (6 weeks- 6 months)	742
5.3 Babies found HIV Positive (6 weeks- 6 months)	2
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	711
6.2 HIV positive babies at 18 months	13
6.3 HIV positive babies initiated on ART	12

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

ARUNACHAL PRADSESH

ARUNACHAL PRADESH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.08	0.06	0.07
2. Estimated people living with HIV	429	284	713
3. Estimated children living with HIV	14	13	26
4. Annual New HIV infections	48	31	79
5. Annual AIDS related deaths (ARD)	6	5	11
6. Change in annual new HIV infections since 2010 (%)	85	82	84
7. Change in annual ARD since 2010 (%)	50	25	57
8. EMTCT need	-	9	9

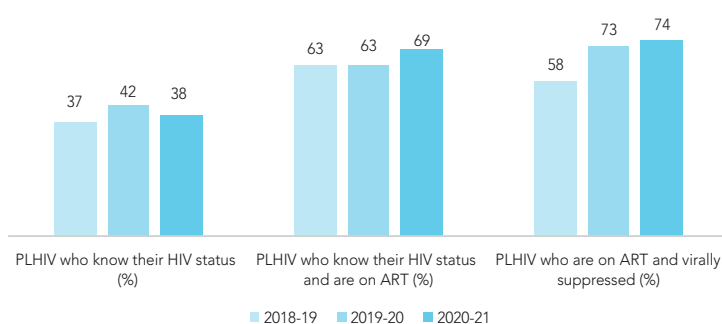
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	4,690	48.1	68.6	0.27
2. Men who have sex with men	715	-	-	-
3. Injecting Drug Users	2,565	62.5	87.9	0
4. Hijra/Transgender People	-	-	-	-
5. Migrants	40,500	-	-	-
6. Truckers	-	-	-	-
7. Prison inmates	599	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	27.4	16	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	25.3	16.7	20.4
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	73.7	64.9	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	64.7	51.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	15.6	3.4	8.8
5.1 Condom use during last higher-risk intercourse (%)	42.1	34.4	40.4
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	56	11.5	25.9
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	713
2. PLHIV who know their HIV Status	274
3. PLHIV who know their HIV status and are on ART	189
4. PLHIV who are on ART and tested for their viral load	35
5. PLHIV who are virally suppressed	26

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	2,052
2. Colleges with operational Red Ribbon Clubs (RRC)	239
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	18
2. Clients managed	28,065
3. RPR Tests conducted	11,102
4. Syphilis seropositivity (%)	1.75

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	8
2. Blood units collection (in lakh)	6,679
3. Voluntary blood collection (%)	78.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	20
2. OST centres	2
3. Employer Led Model Interventions	20

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	4,690
2. Coverage (%)	>=95
3. Condoms distributed	3,89,375
4. Tested for HIV (April 2020 - September 2020)	3,005
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	4,110
5.1. HIV sero-positive (%)	0.00
5.1.1. Linked to ART	0
6. Clinic Visits	9,635
7. STI/RTI treated	141
8. Presumptive treatment	909

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	715
2. Coverage (%)	65
3. Condoms distributed	88,578
4. Tested for HIV (April 2020 - September 2020)	527
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	582
5.1. HIV sero-positive (%)	0.17
5.1.1. Linked to ART	1
6. Clinic Visits	1,542
7. STI/RTI treated	46
8. Presumptive treatment	85

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	2,565
2. Coverage (%)	77
3. Needles distributed	98,990
4. Syringes distributed	1,12,872
5. On OST	235
6. Tested for HIV (April 2020 - September 2020)	921
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	1,440
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	40,500
2. Coverage (%)	>=95
3. Tested for HIV	9,023
3.1. HIV sero-positive (%)	0.00
3.2. Linked to ART	0

G. Truckers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	0
3.1. HIV sero-positive (%)	-
3.2. On ART	13

H. Prison Inmates

Indicator	2020-21
1. Total prisons	2
2. Prisons covered under programme	-
3. Total inmates admitted	592
4. Inmates Covered(%)	-
5. Tested for HIV	0
5.1. HIV sero-positive (%)	-
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	146
1.1. Stand-alone	37
1.2. Facility integrated (Govt)	84
1.3. Facility integrated (PPP)	4
1.4. CBS	21

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	20,700
1.1. Stand-alone	10,160
1.2. Facility integrated (Govt)	75
1.3. Facility integrated (PPP)	99
1.4. CBS	10,366
2. Found HIV Positive among tested	30
3. HIV sero-positivity (%) among tested	0.14
4. Spouse/sexual partner testing of HIV positive people identified	119
5. HIV- TB cross-referral	2,794
5.1 In referral from NTEP	2,420
5.1.1 HIV sero-positive (%)	0.21
5.2. ICTC clients referred to NTEP	374

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	1
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	4
4. Care Support Centres	-

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	30
2. New PLHIV Registered at ART center	28
2.1 Initiated on ART	28
3. PLHIV alive and on ART	189
4. 12 months retention on ART (%)	50
5. Lost to follow-up cases	24
6. Among all PLHIV attendees, % screened for TB	77

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	60
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	1
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	35.14
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	29,780
2. HIV testing among PW	14,642
2.1. Stand-alone	9,176
2.2. Facility integrated (Govt)	4,267
2.3. Facility integrated (PPP)	1,000
2.4. CBS	199
3. HIV sero-positivity (%) among tested	0.05
4. HIV Positive (old + new detections)	9
4.1 On life-long ART	7
5. Live births among HIV positive PW	6
5.1 Babies given ARV Drug (%)	50
5.2 Babies tested for HIV (6 weeks- 6 months)	2
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	3
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

ASSAM

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.09	0.08	0.08
2. Estimated people living with HIV	11,855	9,387	21,241
3. Estimated children living with HIV	514	492	1,006
4. Annual New HIV infections	609	551	1,160
5. Annual AIDS related deaths (ARD)	205	174	379
6. Change in annual new HIV infections since 2010 (%)	-35	-26	-31
7. Change in annual ARD since 2010 (%)	-42	-34	-38
8. EMTCT need	-	323	323

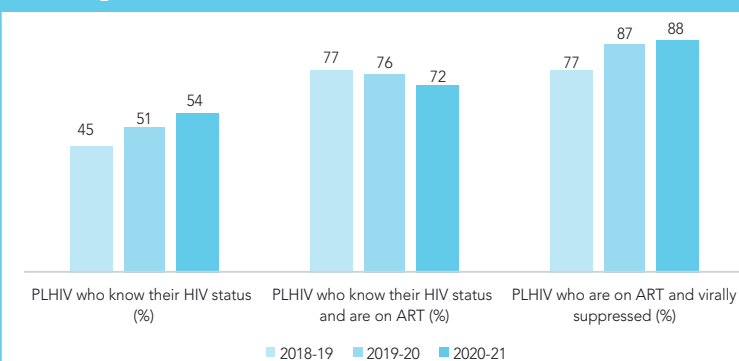
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	17,448	75.3	0	0.21
2. Men who have sex with men	2,570	33.8	17.9	2.4
3. Injecting Drug Users	3,146	48.9	87.6	0.69
4. Hijra/Transgender People	466	-	-	-
5. Migrants	20,000	-	-	0
6. Truckers	25,000	-	-	2.8
7. Prison inmates	37,621	22.2	68.5	4.40

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	22.4	9.4	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	19.8	8.4	13.4
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	74.1	70.5	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	65	55.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	2.2	0.2	1.1
5.1 Condom use during last higher-risk intercourse (%)	12.8	-	13
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	7.8	0	1.8
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	21,241
2. PLHIV who know their HIV Status	11,364
3. PLHIV who know their HIV status and are on ART	8,185
4. PLHIV who are on ART and tested for their viral load	1,955
5. PLHIV who are virally suppressed	1,718

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	200
2. Colleges with operational Red Ribbon Clubs (RRC)	32
3. Persons trained under mainstreaming	1,267
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	28
2. Clients managed	77,939
3. RPR Tests conducted	31,701
4. Syphilis seropositivity (%)	0.79

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	26
2. Blood units collection (in lakh)	1,42,001
3. Voluntary blood collection (%)	49.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	44
2. OST centres	3
3. Employer Led Model Interventions	1

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	17,448
2. Coverage (%)	72
3. Condoms distributed	22,06,910
4. Tested for HIV (April 2020 - September 2020)	6,376
4.1. HIV sero-positive (%)	0.24
4.1.1. Linked to ART	13
5. Tested for HIV (October 2020 - March 2021)	9,197
5.1. HIV sero-positive (%)	0.21
5.1.1. Linked to ART	17
6. Clinic Visits	32,720
7. STI/RTI treated	985
8. Presumptive treatment	1,891

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	2,570
2. Coverage (%)	>=95
3. Condoms distributed	5,52,497
4. Tested for HIV (April 2020 - September 2020)	2,531
4.1. HIV sero-positive (%)	0.40
4.1.1. Linked to ART	10
5. Tested for HIV (October 2020 - March 2021)	3,120
5.1. HIV sero-positive (%)	0.45
5.1.1. Linked to ART	9
6. Clinic Visits	11,048
7. STI/RTI treated	90
8. Presumptive treatment	455

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	3,146
2. Coverage (%)	>=95
3. Needles distributed	4,14,911
4. Syringes distributed	4,14,742
5. On OST	738
6. Tested for HIV (April 2020 - September 2020)	1,423
6.1. HIV sero-positive (%)	1.90
6.1.1. Linked to ART	13
7. Tested for HIV (October 2020 - March 2021)	2,005
7.1. HIV sero-positive (%)	1.40
7.1.1. Linked to ART	14

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	466
2. Coverage (%)	76
3. Condoms distributed	41,785
4. Tested for HIV (April 2020 - September 2020)	211
4.1. HIV sero-positive (%)	0.47
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	286
5.1. HIV sero-positive (%)	0.35
5.1.1. Put on ART	0
6. Clinic Visits	841
7. STI / RTI treated	8
8. Presumptive treatment	66

F. Migrants

Indicator	2020-21
1. Estimated size	20,000
2. Coverage (%)	54
3. Tested for HIV	3,162
3.1. HIV sero-positive (%)	0.38
3.2. Linked to ART	10

G. Truckers

Indicator	2020-21
1. Estimated size	25,000
2. Coverage (%)	92
3. Tested for HIV	3,811
3.1. HIV sero-positive (%)	0.24
3.2. On ART	4

H. Prison Inmates

Indicator	2020-21
1. Total prisons	31
2. Prisons covered under programme	18
3. Total inmates admitted	46,596
4. Inmates Covered(%)	14.2
5. Tested for HIV	3,477
5.1. HIV sero-positive (%)	0.78
5.2. On ART (%)	51.85

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	413
1.1. Stand-alone	103
1.2. Facility integrated (Govt)	213
1.3. Facility integrated (PPP)	63
1.4. CBS	34

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	1,99,365
1.1. Stand-alone	1,06,554
1.2. Facility integrated (Govt)	11,189
1.3. Facility integrated (PPP)	59,088
1.4. CBS	22,534
2. Found HIV Positive among tested	1,163
3. HIV sero-positivity (%) among tested	0.58
4. Spouse/sexual partner testing of HIV positive people identified	532
5. HIV- TB cross-referral	36,547
5.1 In referral from NTEP	30,357
5.1.1 HIV sero-positive (%)	0.76
5.2. ICTC clients referred to NTEP	6,190

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	7
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	10
4. Care Support Centres	3

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	1,163
2. New PLHIV Registered at ART center	1,136
2.1 Initiated on ART	923
3. PLHIV alive and on ART	8,185
4. 12 months retention on ART (%)	62
5. Lost to follow-up cases	2,608
6. Among all PLHIV attendees, % screened for TB	99

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	1,866
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	3
4.1 Accredited SRL	2
5. CD4 testing conducted	6,681
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	65.31
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	8,12,680
2. HIV testing among PW	4,80,117
2.1. Stand-alone	1,60,926
2.2. Facility integrated (Govt)	2,07,843
2.3. Facility integrated (PPP)	1,10,790
2.4. CBS	558
3. HIV sero-positivity (%) among tested	0.03
4. HIV Positive (old + new detections)	199
4.1 On life-long ART	213
5. Live births among HIV positive PW	183
5.1 Babies given ARV Drug (%)	88
5.2 Babies tested for HIV (6 weeks- 6 months)	130
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	144
6.2 HIV positive babies at 18 months	7
6.3 HIV positive babies initiated on ART	3

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	No



FACT SHEET

BIHAR

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.19	0.15	0.17
2. Estimated people living with HIV	75,309	54,493	1,29,802
3. Estimated children living with HIV	4,186	3,955	8,141
4. Annual New HIV infections	3,261	2,332	5,593
5. Annual AIDS related deaths (ARD)	1,190	579	1,769
6. Change in annual new HIV infections since 2010 (%)	-50	-48	-49
7. Change in annual ARD since 2010 (%)	-20	-54	-36
8. EMTCT need	-	2,444	2,444

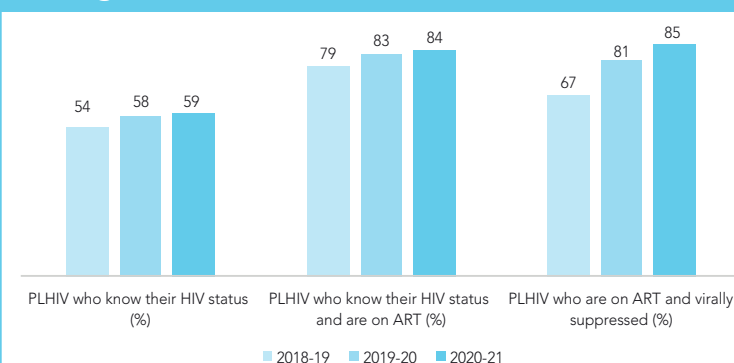
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	18,682	-	-	0.4
2. Men who have sex with men	4,739	-	-	3.63
3. Injecting Drug Users	7,938	35.4	96.6	0.7
4. Hijra/Transgender People	1,053	-	-	-
5. Migrants	-	-	-	-
6. Truckers	15,000	-	-	-
7. Prison inmates	2,45,503	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	26.2	10.1	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	24.7	10	16.3
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	83.3	79.7	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	69.2	69.7	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	4.7	0.3	2.1
5.1 Condom use during last higher-risk intercourse (%)	22.8	-	23.6
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	25.6	0.3	6.4
6.1 Condom use during last higher-risk intercourse (%)	22.9	-	22.1

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	1,29,802
2. PLHIV who know their HIV Status	76,870
3. PLHIV who know their HIV status and are on ART	64,317
4. PLHIV who are on ART and tested for their viral load	25,767
5. PLHIV who are virally suppressed	21,974

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	360
2. Colleges with operational Red Ribbon Clubs (RRC)	401
3. Persons trained under mainstreaming	1,389
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	44
2. Clients managed	2,50,660
3. RPR Tests conducted	95,921
4. Syphilis seropositivity (%)	0.04

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	39
2. Blood units collection (in lakh)	1,25,893
3. Voluntary blood collection (%)	26.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	19
2. OST centres	2
3. Employer Led Model Interventions	17

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	18,682
2. Coverage (%)	44
3. Condoms distributed	13,54,932
4. Tested for HIV (April 2020 - September 2020)	4,199
4.1. HIV sero-positive (%)	0.07
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	6,452
5.1. HIV sero-positive (%)	0.05
5.1.1. Linked to ART	3
6. Clinic Visits	22,644
7. STI/RTI treated	278
8. Presumptive treatment	761

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	4,739
2. Coverage (%)	39
3. Condoms distributed	2,30,034
4. Tested for HIV (April 2020 - September 2020)	845
4.1. HIV sero-positive (%)	0.59
4.1.1. Linked to ART	5
5. Tested for HIV (October 2020 - March 2021)	1,494
5.1. HIV sero-positive (%)	0.20
5.1.1. Linked to ART	4
6. Clinic Visits	4,888
7. STI/RTI treated	161
8. Presumptive treatment	188

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	7,938
2. Coverage (%)	55
3. Needles distributed	10,04,278
4. Syringes distributed	9,02,736
5. On OST	216
6. Tested for HIV (April 2020 - September 2020)	1,967
6.1. HIV sero-positive (%)	0.10
6.1.1. Linked to ART	1
7. Tested for HIV (October 2020 - March 2021)	3,298
7.1. HIV sero-positive (%)	0.18
7.1.1. Linked to ART	7

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	1,053
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART	-

G. Truckers

Indicator	2020-21
1. Estimated size	15,000
2. Coverage (%)	67
3. Tested for HIV	1,475
3.1. HIV sero-positive (%)	0.14
3.2. On ART	2

H. Prison Inmates

Indicator	2020-21
1. Total prisons	59
2. Prisons covered under programme	58
3. Total inmates admitted	2,29,392
4. Inmates Covered(%)	>=95
5. Tested for HIV	1,54,351
5.1. HIV sero-positive (%)	0.28
5.2. On ART (%)	83.37

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	4
2. Vulnerable population covered	1,44,379
3. Tested for HIV	49,065
3.1. HIV sero-positive (%)	0.02
3.2. Linked to ART (%)	100.00

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	856
1.1. Stand-alone	216
1.2. Facility integrated (Govt)	542
1.3. Facility integrated (PPP)	40
1.4. CBS	58

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	5,78,692
1.1. Stand-alone	3,75,522
1.2. Facility integrated (Govt)	92,015
1.3. Facility integrated (PPP)	59,695
1.4. CBS	51,460
2. Found HIV Positive among tested	6,534
3. HIV sero-positivity (%) among tested	1.13
4. Spouse/sexual partner testing of HIV positive people identified	3,437
5. HIV- TB cross-referral	1,13,523
5.1 In referral from NTEP	92,632
5.1.1 HIV sero-positive (%)	1.64
5.2. ICTC clients referred to NTEP	20,891

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	27
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	13
4. Care Support Centres	15

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	6,534
2. New PLHIV Registered at ART center	6,018
2.1 Initiated on ART	5,763
3. PLHIV alive and on ART	64,317
4. 12 months retention on ART (%)	74
5. Lost to follow-up cases	9,291
6. Among all PLHIV attendees, % screened for TB	94

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	32,819
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	2
4.1 Accredited SRL	1
5. CD4 testing conducted	35,876
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	18.84
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	34,23,290
2. HIV testing among PW	20,31,180
2.1. Stand-alone	5,94,142
2.2. Facility integrated (Govt)	10,20,297
2.3. Facility integrated (PPP)	4,16,230
2.4. CBS	511
3. HIV sero-positivity (%) among tested	0.02
4. HIV Positive (old + new detections)	577
4.1 On life-long ART	480
5. Live births among HIV positive PW	768
5.1 Babies given ARV Drug (%)	72
5.2 Babies tested for HIV (6 weeks- 6 months)	663
5.3 Babies found HIV Positive (6 weeks- 6 months)	2
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	349
6.2 HIV positive babies at 18 months	10
6.3 HIV positive babies initiated on ART	10

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

CHANDIGARH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.2	0.13	0.17
2. Estimated people living with HIV	1,555	659	2,213
3. Estimated children living with HIV	35	23	58
4. Annual New HIV infections	58	21	79
5. Annual AIDS related deaths (ARD)	80	19	99
6. Change in annual new HIV infections since 2010 (%)	-12	-30	-18
7. Change in annual ARD since 2010 (%)	-46	-69	-53
8. EMTCT need	-	11	11

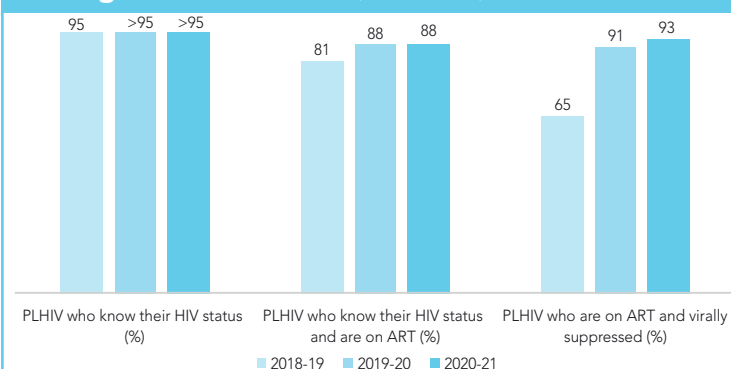
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	3,644	87.4	61.4	0
2. Men who have sex with men	2,262	68.7	1.9	2.4
3. Injecting Drug Users	1,262	64.5	94.8	3.6
4. Hijra/Transgender People	100	-	-	-
5. Migrants	25,000	-	-	-
6. Truckers	15,330	-	-	-
7. Prison inmates	3,706	72.7	26.7	4.00

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	-	-	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	-	-	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	-	-	-
5.1 Condom use during last higher-risk intercourse (%)	-	-	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	-	-
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	2,213
2. PLHIV who know their HIV Status	7,377
3. PLHIV who know their HIV status and are on ART	6,478
4. PLHIV who are on ART and tested for their viral load	612
5. PLHIV who are virally suppressed	567

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	150
2. Colleges with operational Red Ribbon Clubs (RRC)	25
3. Persons trained under mainstreaming	1,211
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	5
2. Clients managed	25,692
3. RPR Tests conducted	2,252
4. Syphilis seropositivity (%)	1.42

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	4
2. Blood units collection (in lakh)	61,337
3. Voluntary blood collection (%)	76.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	12
2. OST centres	4
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	3,644
2. Coverage (%)	>=95
3. Condoms distributed	12,07,564
4. Tested for HIV (April 2020 - September 2020)	2,683
4.1. HIV sero-positive (%)	0.07
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	2,935
5.1. HIV sero-positive (%)	0.07
5.1.1. Linked to ART	2
6. Clinic Visits	9,999
7. STI/RTI treated	185
8. Presumptive treatment	462

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	2,262
2. Coverage (%)	>=95
3. Condoms distributed	5,73,705
4. Tested for HIV (April 2020 - September 2020)	1,613
4.1. HIV sero-positive (%)	0.25
4.1.1. Linked to ART	4
5. Tested for HIV (October 2020 - March 2021)	1,946
5.1. HIV sero-positive (%)	0.31
5.1.1. Linked to ART	5
6. Clinic Visits	6,751
7. STI/RTI treated	76
8. Presumptive treatment	307

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,262
2. Coverage (%)	>=95
3. Needles distributed	3,18,492
4. Syringes distributed	1,84,538
5. On OST	623
6. Tested for HIV (April 2020 - September 2020)	1,192
6.1. HIV sero-positive (%)	0.67
6.1.1. Linked to ART	7
7. Tested for HIV (October 2020 - March 2021)	1,418
7.1. HIV sero-positive (%)	0.14
7.1.1. Linked to ART	1

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	100
2. Coverage (%)	>=95
3. Condoms distributed	39,815
4. Tested for HIV (April 2020 - September 2020)	105
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	93
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	368
7. STI / RTI treated	2
8. Presumptive treatment	38

F. Migrants

Indicator	2020-21
1. Estimated size	25,000
2. Coverage (%)	>=95
3. Tested for HIV	6,800
3.1. HIV sero-positive (%)	0.13
3.2. Linked to ART	8

G. Truckers

Indicator	2020-21
1. Estimated size	15,330
2. Coverage (%)	65
3. Tested for HIV	1,920
3.1. HIV sero-positive (%)	0.10
3.2. On ART	2

H. Prison Inmates

Indicator	2020-21
1. Total prisons	1
2. Prisons covered under programme	1
3. Total inmates admitted	3,574
4. Inmates Covered(%)	22.4
5. Tested for HIV	350
5.1. HIV sero-positive (%)	2.00
5.2. On ART (%)	42.86

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	40
1.1. Stand-alone	13
1.2. Facility integrated (Govt)	12
1.3. Facility integrated (PPP)	2
1.4. CBS	13

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	53,009
1.1. Stand-alone	35,572
1.2. Facility integrated (Govt)	5,233
1.3. Facility integrated (PPP)	920
1.4. CBS	11,284
2. Found HIV Positive among tested	283
3. HIV sero-positivity (%) among tested	0.53
4. Spouse/sexual partner testing of HIV positive people identified	136
5. HIV- TB cross-referral	2,844
5.1 In referral from NTEP	2,793
5.1.1 HIV sero-positive (%)	5.76
5.2. ICTC clients referred to NTEP	51

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	2
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	4
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	283
2. New PLHIV Registered at ART center	358
2.1 Initiated on ART	325
3. PLHIV alive and on ART	6,478
4. 12 months retention on ART (%)	59
5. Lost to follow-up cases	569
6. Among all PLHIV attendees, % screened for TB	100

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	2,861
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	1,410
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	87.18
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	18,400
2. HIV testing among PW	18,544
2.1. Stand-alone	16,266
2.2. Facility integrated (Govt)	1,949
2.3. Facility integrated (PPP)	329
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.08
4. HIV Positive (old + new detections)	17
4.1 On life-long ART	29
5. Live births among HIV positive PW	29
5.1 Babies given ARV Drug (%)	93
5.2 Babies tested for HIV (6 weeks- 6 months)	24
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	35
6.2 HIV positive babies at 18 months	1
6.3 HIV positive babies initiated on ART	1

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

CHHATTISGARH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.22	0.19	0.20
2. Estimated people living with HIV	22,788	20,061	42,849
3. Estimated children living with HIV	1,132	1,097	2,229
4. Annual New HIV infections	1,314	1,299	2,613
5. Annual AIDS related deaths (ARD)	556	437	993
6. Change in annual new HIV infections since 2010 (%)	-5	5	0
7. Change in annual ARD since 2010 (%)	-74	-73	-73
8. EMTCT need	-	589	589

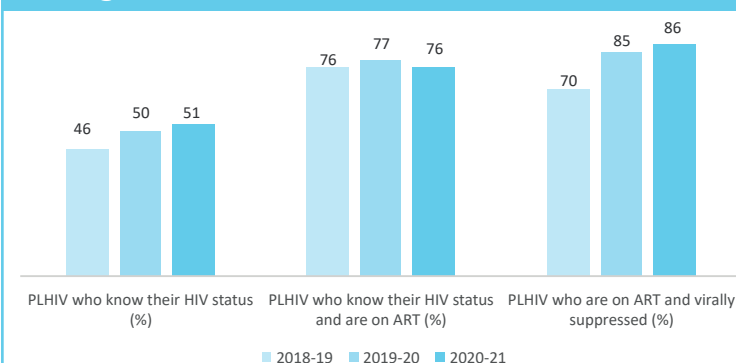
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	23,603	72.8	46.9	0.42
2. Men who have sex with men	2,786	29	6.5	2.47
3. Injecting Drug Users	3,397	67.1	92.3	10.77
4. Hijra/Transgender People	910	-	-	-
5. Migrants	2,31,000	-	-	0
6. Truckers	62,000	-	-	0.41
7. Prison inmates	66,388	39.4	0	0.30

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	35.8	20.7	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	35.3	22.3	28.3
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	87.4	81.6	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	75.3	74.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	10.5	1.9	5.9
5.1 Condom use during last higher-risk intercourse (%)	46.5	62.3	49.3
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	52.7	7.3	25.2
6.1 Condom use during last higher-risk intercourse (%)	49	69.7	52.6

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	42,849
2. PLHIV who know their HIV Status	21,686
3. PLHIV who know their HIV status and are on ART	16,543
4. PLHIV who are on ART and tested for their viral load	5,283
5. PLHIV who are virally suppressed	4,528

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	200
2. Colleges with operational Red Ribbon Clubs (RRC)	145
3. Persons trained under mainstreaming	4,729
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	31
2. Clients managed	1,78,482
3. RPR Tests conducted	73,839
4. Syphilis seropositivity (%)	0.34

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	16
2. Blood units collection (in lakh)	79,215
3. Voluntary blood collection (%)	48.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	36
2. OST centres	6
3. Employer Led Model Interventions	11

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	23,603
2. Coverage (%)	68
3. Condoms distributed	11,82,707
4. Tested for HIV (April 2020 - September 2020)	8,686
4.1. HIV sero-positive (%)	0.23
4.1.1. Linked to ART	18
5. Tested for HIV (October 2020 - March 2021)	13,023
5.1. HIV sero-positive (%)	0.30
5.1.1. Linked to ART	35
6. Clinic Visits	33,208
7. STI/RTI treated	2,021
8. Presumptive treatment	3,520

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	2,786
2. Coverage (%)	87
3. Condoms distributed	5,43,216
4. Tested for HIV (April 2020 - September 2020)	1,260
4.1. HIV sero-positive (%)	1.59
4.1.1. Linked to ART	16
5. Tested for HIV (October 2020 - March 2021)	2,088
5.1. HIV sero-positive (%)	1.10
5.1.1. Linked to ART	21
6. Clinic Visits	5,108
7. STI/RTI treated	75
8. Presumptive treatment	1,040

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	3,397
2. Coverage (%)	87
3. Needles distributed	3,18,492
4. Syringes distributed	1,84,538
5. On OST	711
6. Tested for HIV (April 2020 - September 2020)	1,925
6.1. HIV sero-positive (%)	0.57
6.1.1. Linked to ART	3
7. Tested for HIV (October 2020 - March 2021)	2,688
7.1. HIV sero-positive (%)	0.37
7.1.1. Linked to ART	5

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	910
2. Coverage (%)	>=95
3. Condoms distributed	36,395
4. Tested for HIV (April 2020 - September 2020)	470
4.1. HIV sero-positive (%)	3.19
4.1.1. Linked to ART	11
5. Tested for HIV (October 2020 - March 2021)	744
5.1. HIV sero-positive (%)	0.94
5.1.1. Put on ART	5
6. Clinic Visits	1,709
7. STI / RTI treated	42
8. Presumptive treatment	355

F. Migrants

Indicator	2020-21
1. Estimated size	2,31,000
2. Coverage (%)	37
3. Tested for HIV	8,929
3.1. HIV sero-positive (%)	0.08
3.2. Linked to ART	4

G. Truckers

Indicator	2020-21
1. Estimated size	62,000
2. Coverage (%)	40
3. Tested for HIV	4,103
3.1. HIV sero-positive (%)	0.32
3.2. On ART	7

H. Prison Inmates

Indicator	2020-21
1. Total prisons	33
2. Prisons covered under programme	33
3. Total inmates admitted	61,473
4. Inmates Covered(%)	28.9
5. Tested for HIV	7,830
5.1. HIV sero-positive (%)	0.09
5.2. On ART (%)	57.14

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	4
2. Vulnerable population covered	32,585
3. Tested for HIV	21,211
3.1. HIV sero-positive (%)	0.11
3.2. Linked to ART (%)	83.33

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	762
1.1. Stand-alone	143
1.2. Facility integrated (Govt)	543
1.3. Facility integrated (PPP)	34
1.4. CBS	42

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	3,42,913
1.1. Stand-alone	1,69,199
1.2. Facility integrated (Govt)	19,733
1.3. Facility integrated (PPP)	1,38,407
1.4. CBS	15,574
2. Found HIV Positive among tested	1,902
3. HIV sero-positivity (%) among tested	0.55
4. Spouse/sexual partner testing of HIV positive people identified	759
5. HIV- TB cross-referral	36,611
5.1 In referral from NTEP	25,536
5.1.1 HIV sero-positive (%)	1.73
5.2. ICTC clients referred to NTEP	11,075

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	8
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	22
4. Care Support Centres	3

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	1,902
2. New PLHIV Registered at ART center	1,801
2.1 Initiated on ART	1,667
3. PLHIV alive and on ART	16,543
4. 12 months retention on ART (%)	61
5. Lost to follow-up cases	3,734
6. Among all PLHIV attendees, % screened for TB	99

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	8,258
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	0
5. CD4 testing conducted	13,981
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	32.53
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	7,18,070
2. HIV testing among PW	4,73,990
2.1. Stand-alone	1,04,902
2.2. Facility integrated (Govt)	2,65,449
2.3. Facility integrated (PPP)	1,03,270
2.4. CBS	369
3. HIV sero-positivity (%) among tested	0.03
4. HIV Positive (old + new detections)	241
4.1 On life-long ART	255
5. Live births among HIV positive PW	267
5.1 Babies given ARV Drug (%)	73
5.2 Babies tested for HIV (6 weeks- 6 months)	199
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	151
6.2 HIV positive babies at 18 months	9
6.3 HIV positive babies initiated on ART	5

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

DADRA NAGAR HAVELI AND DAMAN DIU

DADRA NAGAR HAVELI AND DAMAN DIU

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.2	0.16	0.18
2. Estimated people living with HIV	806	391	1,197
3. Estimated children living with HIV	18	16	34
4. Annual New HIV infections	47	24	71
5. Annual AIDS related deaths (ARD)	4	3	7
6. Change in annual new HIV infections since 2010 (%)	21	20	20
7. Change in annual ARD since 2010 (%)	-78	-70	-75
8. EMTCT need	-	14	14

B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	850	-	-	-
2. Men who have sex with men	769	-	-	-
3. Injecting Drug Users	-	-	-	-
4. Hijra/Transgender People	-	-	-	-
5. Migrants	1,34,800	-	-	-
6. Truckers	81,640	-	-	-
7. Prison inmates	485	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	-	-	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	-	-	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	-	-	-
5.1 Condom use during last higher-risk intercourse (%)	-	-	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	-	-
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)

Indicator	2020-21
1. Estimated PLHIV size (2020)	1,197
2. PLHIV who know their HIV Status	-
3. PLHIV who know their HIV status and are on ART	-
4. PLHIV who are on ART and tested for their viral load	-
5. PLHIV who are virally suppressed	-

PLHIV who know their HIV status (%)	PLHIV who know their HIV status and are on ART (%)	PLHIV who are on ART and virally suppressed (%)
■ 2018-19	■ 2019-20	■ 2020-21

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	65
2. Colleges with operational Red Ribbon Clubs (RRC)	13
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	1
2. Clients managed	902
3. RPR Tests conducted	1,275
4. Syphilis seropositivity (%)	1.02

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	3
2. Blood units collection (in lakh)	8,528
3. Voluntary blood collection (%)	94.10

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	-
2. OST centres	-
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	850
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	-

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	769
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	-

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Needles distributed	-
4. Syringes distributed	-
5. On OST	-
6. Tested for HIV (April 2020 - September 2020)	-
6.1. HIV sero-positive (%)	-
6.1.1. Linked to ART	-
7. Tested for HIV (October 2020 - March 2021)	-
7.1. HIV sero-positive (%)	-
7.1.1. Linked to ART	-

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	1,34,800
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART	-

G. Truckers

Indicator	2020-21
1. Estimated size	81,640
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	2
2. Prisons covered under programme	-
3. Total inmates admitted	482
4. Inmates Covered(%)	-
5. Tested for HIV	-
5.1. HIV sero-positive (%)	-
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	23
1.1. Stand-alone	5
1.2. Facility integrated (Govt)	15
1.3. Facility integrated (PPP)	3
1.4. CBS	-

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	28,937
1.1. Stand-alone	23,313
1.2. Facility integrated (Govt)	5,620
1.3. Facility integrated (PPP)	-
1.4. CBS	-
2. Found HIV Positive among tested	60
3. HIV sero-positivity (%) among tested	0.21
4. Spouse/sexual partner testing of HIV positive people identified	21
5. HIV- TB cross-referral	1,431
5.1 In referral from NTEP	726
5.1.1 HIV sero-positive (%)	2.07
5.2. ICTC clients referred to NTEP	705

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	-
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	-
4. Care Support Centres	-

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	60
2. New PLHIV Registered at ART center	-
2.1 Initiated on ART	-
3. PLHIV alive and on ART	-
4. 12 months retention on ART (%)	-
5. Lost to follow-up cases	-
6. Among all PLHIV attendees, % screened for TB	-

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	-
3. National reference laboratories (NRL)	-
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	-
4.1 Accredited SRL	-
5. CD4 testing conducted	-
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	-
6.2 Average Discordance (%)	-

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	24,220
2. HIV testing among PW	16,942
2.1. Stand-alone	7,084
2.2. Facility integrated (Govt)	8,376
2.3. Facility integrated (PPP)	1,482
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.01
4. HIV Positive (old + new detections)	1
4.1 On life-long ART	-
5. Live births among HIV positive PW	2
5.1 Babies given ARV Drug (%)	100
5.2 Babies tested for HIV (6 weeks- 6 months)	2
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	4
6.2 HIV positive babies at 18 months	1
6.3 HIV positive babies initiated on ART	1

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

DELHI

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.44	0.31	0.38
2. Estimated people living with HIV	42,969	23,836	66,805
3. Estimated children living with HIV	1,157	919	2,076
4. Annual New HIV infections	1,788	1,107	2,896
5. Annual AIDS related deaths (ARD)	491	202	693
6. Change in annual new HIV infections since 2010 (%)	-20	-16	-19
7. Change in annual ARD since 2010 (%)	-69	-75	-71
8. EMTCT need	-	492	492

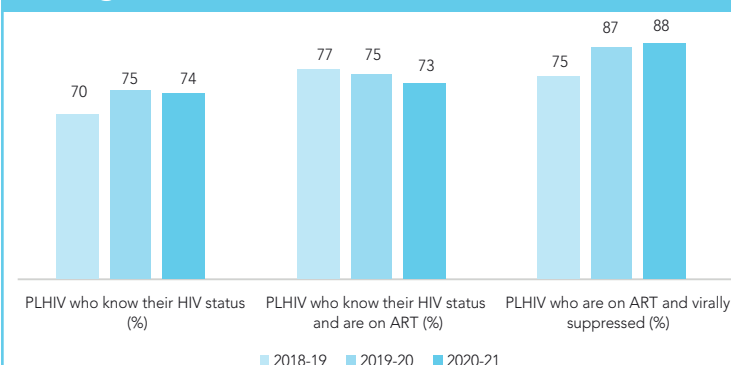
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	45,466	58.6	68.3	1.6
2. Men who have sex with men	18,145	42.2	37	1.8
3. Injecting Drug Users	12,698	35	90.8	16.21
4. Hijra/Transgender People	7,173	48.9	-	5.53
5. Migrants	2,77,822	-	-	0.77
6. Truckers	60,000	-	-	0
7. Prison inmates	75,472	40.9	28.6	2.40

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	27.4	32.7	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	-	-	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	-	-	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	-	-	-
5.1 Condom use during last higher-risk intercourse (%)	-	-	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	-	-
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	66,805
2. PLHIV who know their HIV Status	49,339
3. PLHIV who know their HIV status and are on ART	35,831
4. PLHIV who are on ART and tested for their viral load	15,993
5. PLHIV who are virally suppressed	14,042

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	0
2. Colleges with operational Red Ribbon Clubs (RRC)	86
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	28
2. Clients managed	2,77,405
3. RPR Tests conducted	97,266
4. Syphilis seropositivity (%)	0.36

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	20
2. Blood units collection (in lakh)	89,401
3. Voluntary blood collection (%)	25.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	76
2. OST centres	11
3. Employer Led Model Interventions	29

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	45,466
2. Coverage (%)	>=95
3. Condoms distributed	6,35,538
4. Tested for HIV (April 2020 - September 2020)	12,120
4.1. HIV sero-positive (%)	0.09
4.1.1. Linked to ART	10
5. Tested for HIV (October 2020 - March 2021)	36,709
5.1. HIV sero-positive (%)	0.06
5.1.1. Linked to ART	18
6. Clinic Visits	84,884
7. STI/RTI treated	1,842
8. Presumptive treatment	3,292

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	18,145
2. Coverage (%)	>=95
3. Condoms distributed	11,60,343
4. Tested for HIV (April 2020 - September 2020)	4,495
4.1. HIV sero-positive (%)	0.44
4.1.1. Linked to ART	19
5. Tested for HIV (October 2020 - March 2021)	10,989
5.1. HIV sero-positive (%)	0.33
5.1.1. Linked to ART	30
6. Clinic Visits	29,868
7. STI/RTI treated	178
8. Presumptive treatment	685

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	12,698
2. Coverage (%)	>=95
3. Needles distributed	57,08,513
4. Syringes distributed	28,47,994
5. On OST	2,166
6. Tested for HIV (April 2020 - September 2020)	4,555
6.1. HIV sero-positive (%)	0.94
6.1.1. Linked to ART	29
7. Tested for HIV (October 2020 - March 2021)	11,115
7.1. HIV sero-positive (%)	0.76
7.1.1. Linked to ART	67

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	7,173
2. Coverage (%)	>=95
3. Condoms distributed	7,65,609
4. Tested for HIV (April 2020 - September 2020)	2,257
4.1. HIV sero-positive (%)	0.22
4.1.1. Linked to ART	5
5. Tested for HIV (October 2020 - March 2021)	6,791
5.1. HIV sero-positive (%)	0.25
5.1.1. Put on ART	13
6. Clinic Visits	15,183
7. STI / RTI treated	66
8. Presumptive treatment	259

F. Migrants

Indicator	2020-21
1. Estimated size	2,77,822
2. Coverage (%)	>=95
3. Tested for HIV	30,462
3.1. HIV sero-positive (%)	0.18
3.2. Linked to ART	41

G. Truckers

Indicator	2020-21
1. Estimated size	60,000
2. Coverage (%)	58
3. Tested for HIV	4,574
3.1. HIV sero-positive (%)	0.02
3.2. On ART	1

H. Prison Inmates

Indicator	2020-21
1. Total prisons	16
2. Prisons covered under programme	9
3. Total inmates admitted	62,875
4. Inmates Covered(%)	24.7
5. Tested for HIV	7,733
5.1. HIV sero-positive (%)	3.08
5.2. On ART (%)	96.22

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	625
1.1. Stand-alone	90
1.2. Facility integrated (Govt)	423
1.3. Facility integrated (PPP)	30
1.4. CBS	82

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	3,43,413
1.1. Stand-alone	2,46,523
1.2. Facility integrated (Govt)	6,299
1.3. Facility integrated (PPP)	2,721
1.4. CBS	87,870
2. Found HIV Positive among tested	3,458
3. HIV sero-positivity (%) among tested	1.01
4. Spouse/sexual partner testing of HIV positive people identified	946
5. HIV- TB cross-referral	63,157
5.1 In referral from NTEP	54,800
5.1.1 HIV sero-positive (%)	1.65
5.2. ICTC clients referred to NTEP	8,357

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	12
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	-
4. Care Support Centres	5

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	3,458
2. New PLHIV Registered at ART center	3,149
2.1 Initiated on ART	2,690
3. PLHIV alive and on ART	35,831
4. 12 months retention on ART (%)	71
5. Lost to follow-up cases	12,745
6. Among all PLHIV attendees, % screened for TB	96

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	2
1.1 Accredited Viral load laboratories	1
2. Viral load testing conducted	20,552
3. National reference laboratories (NRL)	2
3.1 Accredited NRL	2
4. State reference laboratories (SRL)	4
4.1 Accredited SRL	4
5. CD4 testing conducted	34,252
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	92.39
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	3,54,410
2. HIV testing among PW	2,98,656
2.1. Stand-alone	1,15,605
2.2. Facility integrated (Govt)	1,25,663
2.3. Facility integrated (PPP)	57,040
2.4. CBS	348
3. HIV sero-positivity (%) among tested	0.04
4. HIV Positive (old + new detections)	200
4.1 On life-long ART	183
5. Live births among HIV positive PW	178
5.1 Babies given ARV Drug (%)	89
5.2 Babies tested for HIV (6 weeks- 6 months)	259
5.3 Babies found HIV Positive (6 weeks- 6 months)	3
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	255
6.2 HIV positive babies at 18 months	8
6.3 HIV positive babies initiated on ART	8

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

GOA



1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.26	0.24	0.25
2. Estimated people living with HIV	2,505	1,853	4,358
3. Estimated children living with HIV	58	46	104
4. Annual New HIV infections	24	19	43
5. Annual AIDS related deaths (ARD)	93	13	105
6. Change in annual new HIV infections since 2010 (%)	-49	-51	-49
7. Change in annual ARD since 2010 (%)	-74	-94	-82
8. EMTCT need	-	24	24

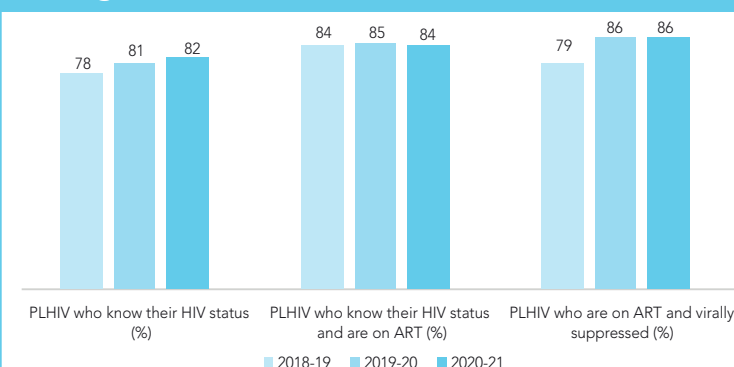
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	4,000	81.8	10.5	0.8
2. Men who have sex with men	2,924	73.4	51.8	0.6
3. Injecting Drug Users	400	48.3	62.7	-
4. Hijra/Transgender People	100	-	-	-
5. Migrants	35,000	-	-	-
6. Truckers	23,000	-	-	-
7. Prison inmates	1,647	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	41.9	34.6	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	35.7	34.3	35
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	85.9	83.6	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	90.5	82.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	12.2	0.7	6.4
5.1 Condom use during last higher-risk intercourse (%)	90	-	89.2
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	5.5	38.5
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	4,358
2. PLHIV who know their HIV Status	3,592
3. PLHIV who know their HIV status and are on ART	3,027
4. PLHIV who are on ART and tested for their viral load	2,862
5. PLHIV who are virally suppressed	2,469

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	456
2. Colleges with operational Red Ribbon Clubs (RRC)	162
3. Persons trained under mainstreaming	256
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	4
2. Clients managed	39,163
3. RPR Tests conducted	6,048
4. Syphilis seropositivity (%)	0.76

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	3
2. Blood units collection (in lakh)	18,487
3. Voluntary blood collection (%)	61.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	15
2. OST centres	1
3. Employer Led Model Interventions	27

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	4,000
2. Coverage (%)	>=95
3. Condoms distributed	11,80,607
4. Tested for HIV (April 2020 - September 2020)	3,321
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	4,500
5.1. HIV sero-positive (%)	0.09
5.1.1. Linked to ART	0
6. Clinic Visits	14,130
7. STI/RTI treated	205
8. Presumptive treatment	367

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	2,924
2. Coverage (%)	>=95
3. Condoms distributed	6,92,850
4. Tested for HIV (April 2020 - September 2020)	2,414
4.1. HIV sero-positive (%)	0.04
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	3,275
5.1. HIV sero-positive (%)	0.15
5.1.1. Linked to ART	0
6. Clinic Visits	11,190
7. STI/RTI treated	65
8. Presumptive treatment	118

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	400
2. Coverage (%)	>=95
3. Needles distributed	88,159
4. Syringes distributed	88,159
5. On OST	42
6. Tested for HIV (April 2020 - September 2020)	360
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	381
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	100
2. Coverage (%)	81
3. Condoms distributed	19,157
4. Tested for HIV (April 2020 - September 2020)	11
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	34
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	157
7. STI / RTI treated	0
8. Presumptive treatment	3

F. Migrants

Indicator	2020-21
1. Estimated size	35,000
2. Coverage (%)	62
3. Tested for HIV	6,441
3.1. HIV sero-positive (%)	0.12
3.2. Linked to ART	0

G. Truckers

Indicator	2020-21
1. Estimated size	23,000
2. Coverage (%)	43
3. Tested for HIV	1,168
3.1. HIV sero-positive (%)	0.09
3.2. On ART	0

H. Prison Inmates

Indicator	2020-21
1. Total prisons	1
2. Prisons covered under programme	1
3. Total inmates admitted	1,643
4. Inmates Covered(%)	34.3
5. Tested for HIV	-
5.1. HIV sero-positive (%)	-
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	69
1.1. Stand-alone	16
1.2. Facility integrated (Govt)	25
1.3. Facility integrated (PPP)	12
1.4. CBS	16

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	42,157
1.1. Stand-alone	18,739
1.2. Facility integrated (Govt)	1,797
1.3. Facility integrated (PPP)	2,370
1.4. CBS	19,251
2. Found HIV Positive among tested	172
3. HIV sero-positivity (%) among tested	0.41
4. Spouse/sexual partner testing of HIV positive people identified	56
5. HIV- TB cross-referral	2,350
5.1 In referral from NTEP	1,602
5.1.1 HIV sero-positive (%)	3.00
5.2. ICTC clients referred to NTEP	748

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	2
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	3
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	172
2. New PLHIV Registered at ART center	177
2.1 Initiated on ART	162
3. PLHIV alive and on ART	3,027
4. 12 months retention on ART (%)	71
5. Lost to follow-up cases	368
6. Among all PLHIV attendees, % screened for TB	85

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	2,872
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	1,405
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	100.00
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	20,980
2. HIV testing among PW	21,356
2.1. Stand-alone	7,159
2.2. Facility integrated (Govt)	1,442
2.3. Facility integrated (PPP)	12,755
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.04
4. HIV Positive (old + new detections)	13
4.1 On life-long ART	10
5. Live births among HIV positive PW	15
5.1 Babies given ARV Drug (%)	87
5.2 Babies tested for HIV (6 weeks- 6 months)	14
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	18
6.2 HIV positive babies at 18 months	1
6.3 HIV positive babies initiated on ART	1

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

GUJARAT

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.21	0.17	0.19
2. Estimated people living with HIV	59,842	44,048	1,03,890
3. Estimated children living with HIV	2,112	1,795	3,907
4. Annual New HIV infections	1,022	872	1,893
5. Annual AIDS related deaths (ARD)	265	243	509
6. Change in annual new HIV infections since 2010 (%)	-73	-71	-72
7. Change in annual ARD since 2010 (%)	-74	-74	-74
8. EMTCT need	-	1,095	1,095

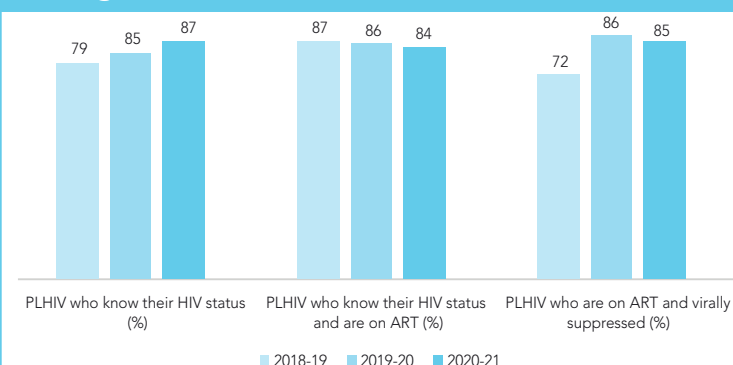
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	36,995	69.6	67.7	0.97
2. Men who have sex with men	34,032	79.1	41.2	3.99
3. Injecting Drug Users	1,961	74.6	79.4	1.2
4. Hijra/Transgender People	3,058	67.6	-	2.4
5. Migrants	13,14,462	-	-	0.13
6. Truckers	1,20,000	-	-	0.6
7. Prison inmates	92,697	61.5	14.3	1.50

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	31.4	18.4	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	31.5	20	25.5
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	83.9	79.7	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	64.9	61.6	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	6.8	1	3.7
5.1 Condom use during last higher-risk intercourse (%)	40.6	26.4	38.5
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	28.1	3.8	13.3
6.1 Condom use during last higher-risk intercourse (%)	40.7	32.2	39.3

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	1,03,890
2. PLHIV who know their HIV Status	90,541
3. PLHIV who know their HIV status and are on ART	76,054
4. PLHIV who are on ART and tested for their viral load	63,174
5. PLHIV who are virally suppressed	53,476

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	10,266
2. Colleges with operational Red Ribbon Clubs (RRC)	250
3. Persons trained under mainstreaming	7,676
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	66
2. Clients managed	3,18,329
3. RPR Tests conducted	1,23,527
4. Syphilis seropositivity (%)	2.05

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	77
2. Blood units collection (in lakh)	5,06,496
3. Voluntary blood collection (%)	84.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	90
2. OST centres	2
3. Employer Led Model Interventions	12

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	36,995
2. Coverage (%)	70
3. Condoms distributed	54,86,434
4. Tested for HIV (April 2020 - September 2020)	14,304
4.1. HIV sero-positive (%)	0.06
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	23,259
5.1. HIV sero-positive (%)	0.06
5.1.1. Linked to ART	13
6. Clinic Visits	68,007
7. STI/RTI treated	1,004
8. Presumptive treatment	6,692

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	34,032
2. Coverage (%)	75
3. Condoms distributed	35,15,366
4. Tested for HIV (April 2020 - September 2020)	13,214
4.1. HIV sero-positive (%)	0.16
4.1.1. Linked to ART	18
5. Tested for HIV (October 2020 - March 2021)	23,132
5.1. HIV sero-positive (%)	0.16
5.1.1. Linked to ART	31
6. Clinic Visits	69,707
7. STI/RTI treated	735
8. Presumptive treatment	4,068

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,961
2. Coverage (%)	44
3. Needles distributed	88,351
4. Syringes distributed	88,351
5. On OST	71
6. Tested for HIV (April 2020 - September 2020)	348
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	667
7.1. HIV sero-positive (%)	0.15
7.1.1. Linked to ART	1

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	3,058
2. Coverage (%)	55
3. Condoms distributed	1,29,726
4. Tested for HIV (April 2020 - September 2020)	936
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	1,460
5.1. HIV sero-positive (%)	0.27
5.1.1. Put on ART	4
6. Clinic Visits	4,345
7. STI / RTI treated	26
8. Presumptive treatment	136

F. Migrants

Indicator	2020-21
1. Estimated size	13,14,462
2. Coverage (%)	40
3. Tested for HIV	41,292
3.1. HIV sero-positive (%)	0.07
3.2. Linked to ART	23

G. Truckers

Indicator	2020-21
1. Estimated size	1,20,000
2. Coverage (%)	46
3. Tested for HIV	4,721
3.1. HIV sero-positive (%)	0.06
3.2. On ART	2

H. Prison Inmates

Indicator	2020-21
1. Total prisons	30
2. Prisons covered under programme	23
3. Total inmates admitted	94,114
4. Inmates Covered(%)	12.8
5. Tested for HIV	2,491
5.1. HIV sero-positive (%)	0.24
5.2. On ART (%)	100.00

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	14
2. Vulnerable population covered	78,609
3. Tested for HIV	43,844
3.1. HIV sero-positive (%)	0.11
3.2. Linked to ART (%)	93.88

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	2,670
1.1. Stand-alone	321
1.2. Facility integrated (Govt)	1,905
1.3. Facility integrated (PPP)	319
1.4. CBS	125

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	10,31,382
1.1. Stand-alone	6,17,492
1.2. Facility integrated (Govt)	2,46,372
1.3. Facility integrated (PPP)	70,368
1.4. CBS	97,150
2. Found HIV Positive among tested	5,099
3. HIV sero-positivity (%) among tested	0.49
4. Spouse/sexual partner testing of HIV positive people identified	2,903
5. HIV- TB cross-referral	1,66,458
5.1 In referral from NTEP	1,11,418
5.1.1 HIV sero-positive (%)	2.34
5.2. ICTC clients referred to NTEP	55,040

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	36
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	66
4. Care Support Centres	16

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	5,099
2. New PLHIV Registered at ART center	5,381
2.1 Initiated on ART	5,000
3. PLHIV alive and on ART	76,054
4. 12 months retention on ART (%)	73
5. Lost to follow-up cases	10,791
6. Among all PLHIV attendees, % screened for TB	100

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	4
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	67,605
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	5
4.1 Accredited SRL	5
5. CD4 testing conducted	97,072
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	91.58
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	14,76,600
2. HIV testing among PW	12,98,220
2.1. Stand-alone	3,56,957
2.2. Facility integrated (Govt)	5,38,893
2.3. Facility integrated (PPP)	4,01,422
2.4. CBS	948
3. HIV sero-positivity (%) among tested	0.03
4. HIV Positive (old + new detections)	761
4.1 On life-long ART	744
5. Live births among HIV positive PW	732
5.1 Babies given ARV Drug (%)	93
5.2 Babies tested for HIV (6 weeks- 6 months)	716
5.3 Babies found HIV Positive (6 weeks- 6 months)	13
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	591
6.2 HIV positive babies at 18 months	15
6.3 HIV positive babies initiated on ART	15

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

HARYANA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.25	0.15	0.21
2. Estimated people living with HIV	28,848	15,804	44,652
3. Estimated children living with HIV	894	711	1,604
4. Annual New HIV infections	1,515	750	2,265
5. Annual AIDS related deaths (ARD)	694	258	952
6. Change in annual new HIV infections since 2010 (%)	-22	-25	-23
7. Change in annual ARD since 2010 (%)	-61	-70	-64
8. EMTCT need	-	435	435

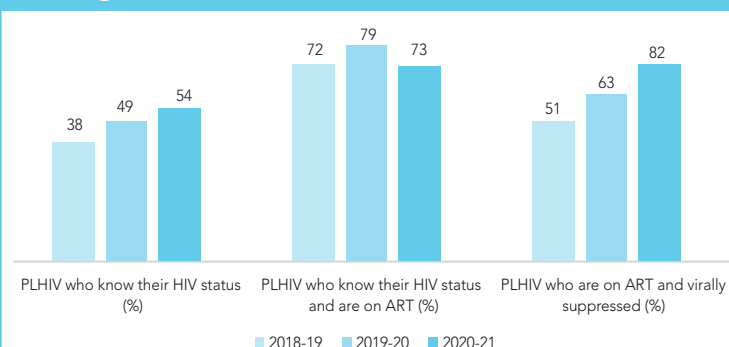
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	11,552	66.2	37.8	3
2. Men who have sex with men	7,126	48.9	29.9	2.79
3. Injecting Drug Users	4,925	53.6	90.7	-
4. Hijra/Transgender People	-	-	-	-
5. Migrants	1,31,755	-	-	-
6. Truckers	15,000	-	-	-
7. Prison inmates	78,049	64.3	57.6	0.90

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	48.5	31.1	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	42.8	30.4	36.7
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	78.6	84.4	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	79.9	81.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	9.7	1	5.2
5.1 Condom use during last higher-risk intercourse (%)	55.2	19.4	51.6
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	39	2.2	16.1
6.1 Condom use during last higher-risk intercourse (%)	45.6	-	42.6

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	44,652
2. PLHIV who know their HIV Status	24,165
3. PLHIV who know their HIV status and are on ART	17,698
4. PLHIV who are on ART and tested for their viral load	8,599
5. PLHIV who are virally suppressed	7,034

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	3,352
2. Colleges with operational Red Ribbon Clubs (RRC)	317
3. Persons trained under mainstreaming	15,884
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	31
2. Clients managed	1,31,861
3. RPR Tests conducted	1,01,123
4. Syphilis seropositivity (%)	0.34

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	24
2. Blood units collection (in lakh)	2,02,421
3. Voluntary blood collection (%)	93.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	32
2. OST centres	9
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	11,552
2. Coverage (%)	>=95
3. Condoms distributed	15,57,121
4. Tested for HIV (April 2020 - September 2020)	7,452
4.1. HIV sero-positive (%)	0.09
4.1.1. Linked to ART	19
5. Tested for HIV (October 2020 - March 2021)	8,970
5.1. HIV sero-positive (%)	0.09
5.1.1. Linked to ART	27
6. Clinic Visits	23,201
7. STI/RTI treated	599
8. Presumptive treatment	1,960

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	7,126
2. Coverage (%)	67
3. Condoms distributed	6,86,642
4. Tested for HIV (April 2020 - September 2020)	3,047
4.1. HIV sero-positive (%)	0.33
4.1.1. Linked to ART	24
5. Tested for HIV (October 2020 - March 2021)	3,746
5.1. HIV sero-positive (%)	0.83
5.1.1. Linked to ART	35
6. Clinic Visits	11,463
7. STI/RTI treated	188
8. Presumptive treatment	579

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	4,925
2. Coverage (%)	>=95
3. Needles distributed	5,21,094
4. Syringes distributed	3,43,011
5. On OST	1,467
6. Tested for HIV (April 2020 - September 2020)	2,388
6.1. HIV sero-positive (%)	0.25
6.1.1. Linked to ART	11
7. Tested for HIV (October 2020 - March 2021)	2,491
7.1. HIV sero-positive (%)	1.45
7.1.1. Linked to ART	29

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	730
4. Tested for HIV (April 2020 - September 2020)	8
4.1. HIV sero-positive (%)	12.50
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	7
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	26
7. STI / RTI treated	1
8. Presumptive treatment	0

F. Migrants

Indicator	2020-21
1. Estimated size	1,31,755
2. Coverage (%)	3
3. Tested for HIV	420
3.1. HIV sero-positive (%)	0.00
3.2. Linked to ART	0

G. Truckers

Indicator	2020-21
1. Estimated size	15,000
2. Coverage (%)	33
3. Tested for HIV	0
3.1. HIV sero-positive (%)	-
3.2. On ART	0

H. Prison Inmates

Indicator	2020-21
1. Total prisons	19
2. Prisons covered under programme	19
3. Total inmates admitted	80,867
4. Inmates Covered(%)	24.6
5. Tested for HIV	16,131
5.1. HIV sero-positive (%)	0.66
5.2. On ART (%)	90.65

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	740
1.1. Stand-alone	112
1.2. Facility integrated (Govt)	535
1.3. Facility integrated (PPP)	30
1.4. CBS	63

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	4,77,632
1.1. Stand-alone	4,33,779
1.2. Facility integrated (Govt)	25,958
1.3. Facility integrated (PPP)	3,369
1.4. CBS	14,526
2. Found HIV Positive among tested	3,003
3. HIV sero-positivity (%) among tested	0.63
4. Spouse/sexual partner testing of HIV positive people identified	1,222
5. HIV- TB cross-referral	74,595
5.1 In referral from NTEP	60,856
5.1.1 HIV sero-positive (%)	1.02
5.2. ICTC clients referred to NTEP	13,739

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	9
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	11
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	3,003
2. New PLHIV Registered at ART center	2,511
2.1 Initiated on ART	2,326
3. PLHIV alive and on ART	17,698
4. 12 months retention on ART (%)	58
5. Lost to follow-up cases	5,051
6. Among all PLHIV attendees, % screened for TB	97

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	5,262
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	0
5. CD4 testing conducted	8,459
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	81.85
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	6,50,410
2. HIV testing among PW	4,69,984
2.1. Stand-alone	1,92,921
2.2. Facility integrated (Govt)	1,53,786
2.3. Facility integrated (PPP)	1,22,928
2.4. CBS	349
3. HIV sero-positivity (%) among tested	0.05
4. HIV Positive (old + new detections)	308
4.1 On life-long ART	117
5. Live births among HIV positive PW	267
5.1 Babies given ARV Drug (%)	87
5.2 Babies tested for HIV (6 weeks- 6 months)	195
5.3 Babies found HIV Positive (6 weeks- 6 months)	2
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	111
6.2 HIV positive babies at 18 months	8
6.3 HIV positive babies initiated on ART	7

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

HIMACHAL PRADESH

HIMACHAL PRADESH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.14	0.09	0.11
2. Estimated people living with HIV	4,298	2,666	6,965
3. Estimated children living with HIV	118	103	221
4. Annual New HIV infections	68	53	121
5. Annual AIDS related deaths (ARD)	20	7	27
6. Change in annual new HIV infections since 2010 (%)	-80	-75	-78
7. Change in annual ARD since 2010 (%)	-89	-85	-88
8. EMTCT need	-	49	49

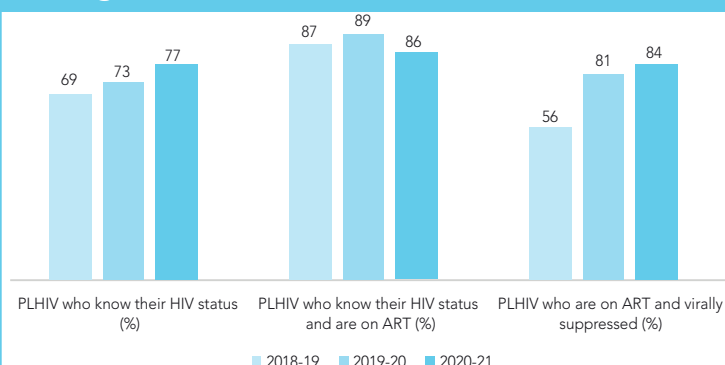
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	9,027	59.3	0	0.08
2. Men who have sex with men	849	61	8.5	0.82
3. Injecting Drug Users	648	36.3	92.8	1.6
4. Hijra/Transgender People	-	-	-	-
5. Migrants	1,45,880	-	-	0
6. Truckers	14,000	-	-	-
7. Prison inmates	6,439	54.5	25	0.80

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	44.5	30.9	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	43.4	28	35.5
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	91.3	86.1	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	79.7	70	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	7.6	0.1	3
5.1 Condom use during last higher-risk intercourse (%)	60.2	-	60.1
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	49.3	0.4	13.2
6.1 Condom use during last higher-risk intercourse (%)	59.4	-	60.3

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	6,965
2. PLHIV who know their HIV Status	5,378
3. PLHIV who know their HIV status and are on ART	4,606
4. PLHIV who are on ART and tested for their viral load	1,683
5. PLHIV who are virally suppressed	1,409

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	400
2. Colleges with operational Red Ribbon Clubs (RRC)	260
3. Persons trained under mainstreaming	1,348
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	20
2. Clients managed	56,233
3. RPR Tests conducted	40,321
4. Syphilis seropositivity (%)	0.37

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	14
2. Blood units collection (in lakh)	39,272
3. Voluntary blood collection (%)	77.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	17
2. OST centres	1
3. Employer Led Model Interventions	10

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	9,027
2. Coverage (%)	66
3. Condoms distributed	11,74,507
4. Tested for HIV (April 2020 - September 2020)	2,907
4.1. HIV sero-positive (%)	0.07
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	5,120
5.1. HIV sero-positive (%)	0.12
5.1.1. Linked to ART	5
6. Clinic Visits	13,852
7. STI/RTI treated	516
8. Presumptive treatment	197

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	849
2. Coverage (%)	63
3. Condoms distributed	1,06,277
4. Tested for HIV (April 2020 - September 2020)	276
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	423
5.1. HIV sero-positive (%)	0.47
5.1.1. Linked to ART	2
6. Clinic Visits	1,110
7. STI/RTI treated	26
8. Presumptive treatment	30

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	648
2. Coverage (%)	87
3. Needles distributed	44,448
4. Syringes distributed	74,151
5. On OST	103
6. Tested for HIV (April 2020 - September 2020)	303
6.1. HIV sero-positive (%)	0.99
6.1.1. Linked to ART	3
7. Tested for HIV (October 2020 - March 2021)	456
7.1. HIV sero-positive (%)	0.66
7.1.1. Linked to ART	3

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	1,45,880
2. Coverage (%)	18
3. Tested for HIV	3,873
3.1. HIV sero-positive (%)	0.08
3.2. Linked to ART	2

G. Truckers

Indicator	2020-21
1. Estimated size	14,000
2. Coverage (%)	0
3. Tested for HIV	0
3.1. HIV sero-positive (%)	-
3.2. On ART	0

H. Prison Inmates

Indicator	2020-21
1. Total prisons	14
2. Prisons covered under programme	20
3. Total inmates admitted	7,525
4. Inmates Covered(%)	30.7
5. Tested for HIV	1,491
5.1. HIV sero-positive (%)	0.34
5.2. On ART (%)	100.00

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	192
1.1. Stand-alone	47
1.2. Facility integrated (Govt)	96
1.3. Facility integrated (PPP)	18
1.4. CBS	31

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	1,49,518
1.1. Stand-alone	1,01,898
1.2. Facility integrated (Govt)	20,196
1.3. Facility integrated (PPP)	19,723
1.4. CBS	7,701
2. Found HIV Positive among tested	339
3. HIV sero-positivity (%) among tested	0.23
4. Spouse/sexual partner testing of HIV positive people identified	136
5. HIV- TB cross-referral	16,703
5.1 In referral from NTEP	13,183
5.1.1 HIV sero-positive (%)	0.91
5.2. ICTC clients referred to NTEP	3,520

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	6
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	5
4. Care Support Centres	2

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	339
2. New PLHIV Registered at ART center	334
2.1 Initiated on ART	307
3. PLHIV alive and on ART	4,606
4. 12 months retention on ART (%)	79
5. Lost to follow-up cases	610
6. Among all PLHIV attendees, % screened for TB	99

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	1,805
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	0
5. CD4 testing conducted	5,239
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	81.48
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	1,27,120
2. HIV testing among PW	1,02,126
2.1. Stand-alone	31,517
2.2. Facility integrated (Govt)	55,119
2.3. Facility integrated (PPP)	15,490
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.02
4. HIV Positive (old + new detections)	34
4.1 On life-long ART	34
5. Live births among HIV positive PW	24
5.1 Babies given ARV Drug (%)	92
5.2 Babies tested for HIV (6 weeks- 6 months)	19
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	3
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

JAMMU & KASHMIR AND LADAKH

JAMMU & KASHMIR AND LADAKH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.07	0.04	0.06
2. Estimated people living with HIV	3,518	2,204	5,722
3. Estimated children living with HIV	115	104	219
4. Annual New HIV infections	101	73	174
5. Annual AIDS related deaths (ARD)	59	17	76
6. Change in annual new HIV infections since 2010 (%)	-67	-55	-63
7. Change in annual ARD since 2010 (%)	-31	-23	-29
8. EMTCT need	-	52	52

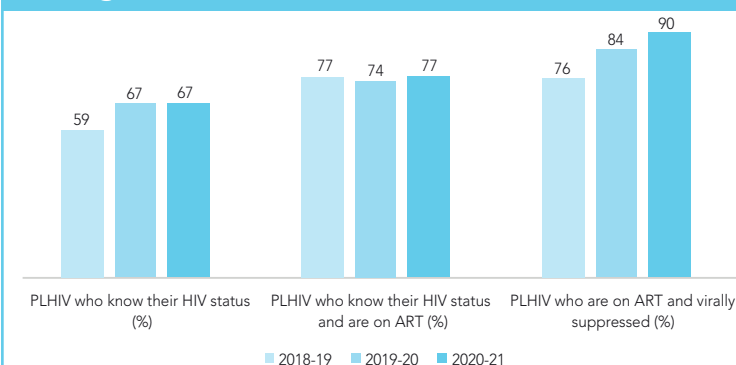
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	2,020	-	-	0
2. Men who have sex with men	727	-	-	-
3. Injecting Drug Users	1,522	25.9	90.9	0
4. Hijra/Transgender People	-	-	-	-
5. Migrants	25,000	-	-	-
6. Truckers	20,000	-	-	-
7. Prison inmates	11,297	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	24.4	19	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	23.8	20	21.6
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	70.6	57.9	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	66.4	58.3	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	2.9	0.1	1.2
5.1 Condom use during last higher-risk intercourse (%)	43.2	-	45
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	22.4	0	5.9
6.1 Condom use during last higher-risk intercourse (%)	37.3	-	37.3

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	5,722
2. PLHIV who know their HIV Status	3,806
3. PLHIV who know their HIV status and are on ART	2,925
4. PLHIV who are on ART and tested for their viral load	613
5. PLHIV who are virally suppressed	551

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	650
2. Colleges with operational Red Ribbon Clubs (RRC)	252
3. Persons trained under mainstreaming	1,550
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	6
2. Clients managed	1,277
3. RPR Tests conducted	3,152
4. Syphilis seropositivity (%)	0.13

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	23
2. Blood units collection (in lakh)	64,658
3. Voluntary blood collection (%)	55.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	19
2. OST centres	2
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	2,020
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	-

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	727
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	-

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,522
2. Coverage (%)	-
3. Needles distributed	-
4. Syringes distributed	-
5. On OST	-
6. Tested for HIV (April 2020 - September 2020)	-
6.1. HIV sero-positive (%)	-
6.1.1. Linked to ART	-
7. Tested for HIV (October 2020 - March 2021)	-
7.1. HIV sero-positive (%)	-
7.1.1. Linked to ART	-

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	25,000
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART	-

G. Truckers

Indicator	2020-21
1. Estimated size	20,000
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	15
2. Prisons covered under programme	14
3. Total inmates admitted	11,142
4. Inmates Covered(%)	27.9
5. Tested for HIV	2,014
5.1. HIV sero-positive (%)	0.30
5.2. On ART (%)	100.00

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	645
1.1. Stand-alone	32
1.2. Facility integrated (Govt)	591
1.3. Facility integrated (PPP)	22
1.4. CBS	-

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	1,28,801
1.1. Stand-alone	46,690
1.2. Facility integrated (Govt)	50,703
1.3. Facility integrated (PPP)	31,408
1.4. CBS	-
2. Found HIV Positive among tested	219
3. HIV sero-positivity (%) among tested	0.17
4. Spouse/sexual partner testing of HIV positive people identified	64
5. HIV- TB cross-referral	8,840
5.1 In referral from NTEP	8,507
5.1.1 HIV sero-positive (%)	0.53
5.2. ICTC clients referred to NTEP	333

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	3
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	4
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	219
2. New PLHIV Registered at ART center	206
2.1 Initiated on ART	187
3. PLHIV alive and on ART	2,925
4. 12 months retention on ART (%)	76
5. Lost to follow-up cases	656
6. Among all PLHIV attendees, % screened for TB	100

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	655
3. National reference laboratories (NRL)	90
3.1 Accredited NRL	0
4. State reference laboratories (SRL)	2
4.1 Accredited SRL	0
5. CD4 testing conducted	2,214
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	62.86
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	2,32,680
2. HIV testing among PW	1,08,188
2.1. Stand-alone	22,151
2.2. Facility integrated (Govt)	50,787
2.3. Facility integrated (PPP)	35,250
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.01
4. HIV Positive (old + new detections)	20
4.1 On life-long ART	20
5. Live births among HIV positive PW	13
5.1 Babies given ARV Drug (%)	100
5.2 Babies tested for HIV (6 weeks- 6 months)	22
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	29
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	No



FACT SHEET

JHARKHAND

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.09	0.08	0.08
2. Estimated people living with HIV	12,425	10,015	22,440
3. Estimated children living with HIV	695	658	1,353
4. Annual New HIV infections	511	452	963
5. Annual AIDS related deaths (ARD)	194	84	278
6. Change in annual new HIV infections since 2010 (%)	-46	-39	-43
7. Change in annual ARD since 2010 (%)	-41	-69	-54
8. EMTCT need	-	307	307

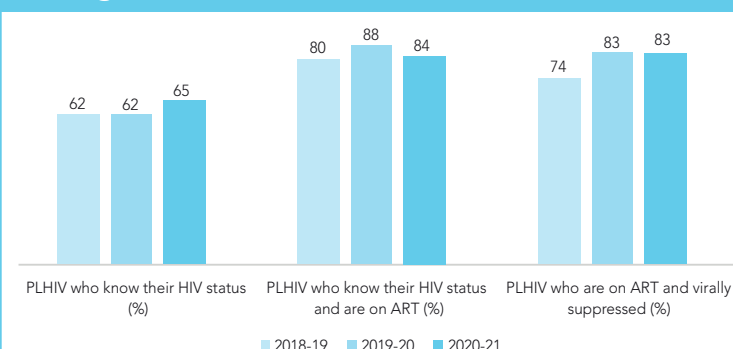
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	20,830	46.2	39.1	0.28
2. Men who have sex with men	3,220	32.9	19.3	0.86
3. Injecting Drug Users	1,430	75.1	95	0.42
4. Hijra/Transgender People	385	-	-	-
5. Migrants	20,000	-	-	-
6. Truckers	35,000	-	-	1.86
7. Prison inmates	67,153	0	0	0.10

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	18	15.7	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	18.2	16.6	17.3
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	82.3	82.1	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	74.3	73.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	5	0.5	2.3
5.1 Condom use during last higher-risk intercourse (%)	18.4	-	19.1
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	22.1	1.2	6.4
6.1 Condom use during last higher-risk intercourse (%)	15.9	-	19.4

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	22,440
2. PLHIV who know their HIV Status	14,678
3. PLHIV who know their HIV status and are on ART	12,320
4. PLHIV who are on ART and tested for their viral load	5,244
5. PLHIV who are virally suppressed	4,362

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	2,971
2. Colleges with operational Red Ribbon Clubs (RRC)	100
3. Persons trained under mainstreaming	7,650
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	28
2. Clients managed	64,295
3. RPR Tests conducted	28,997
4. Syphilis seropositivity (%)	0.03

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	23
2. Blood units collection (in lakh)	1,55,777
3. Voluntary blood collection (%)	65.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	28
2. OST centres	2
3. Employer Led Model Interventions	14

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	20,830
2. Coverage (%)	67
3. Condoms distributed	13,54,445
4. Tested for HIV (April 2020 - September 2020)	8,662
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	9,836
5.1. HIV sero-positive (%)	0.02
5.1.1. Linked to ART	1
6. Clinic Visits	28,974
7. STI/RTI treated	863
8. Presumptive treatment	1,658

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	3,220
2. Coverage (%)	59
3. Condoms distributed	1,62,108
4. Tested for HIV (April 2020 - September 2020)	694
4.1. HIV sero-positive (%)	0.29
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	1,419
5.1. HIV sero-positive (%)	0.07
5.1.1. Linked to ART	1
6. Clinic Visits	3,600
7. STI/RTI treated	58
8. Presumptive treatment	431

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,430
2. Coverage (%)	45
3. Needles distributed	94,399
4. Syringes distributed	86,113
5. On OST	115
6. Tested for HIV (April 2020 - September 2020)	204
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	552
7.1. HIV sero-positive (%)	0.36
7.1.1. Linked to ART	1

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	385
2. Coverage (%)	76
3. Condoms distributed	25,870
4. Tested for HIV (April 2020 - September 2020)	155
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	282
5.1. HIV sero-positive (%)	0.35
5.1.1. Put on ART	1
6. Clinic Visits	730
7. STI / RTI treated	13
8. Presumptive treatment	54

F. Migrants

Indicator	2020-21
1. Estimated size	20,000
2. Coverage (%)	>=95
3. Tested for HIV	3,629
3.1. HIV sero-positive (%)	0.00
3.2. Linked to ART	0

G. Truckers

Indicator	2020-21
1. Estimated size	35,000
2. Coverage (%)	76
3. Tested for HIV	1,451
3.1. HIV sero-positive (%)	0.00
3.2. On ART	0

H. Prison Inmates

Indicator	2020-21
1. Total prisons	30
2. Prisons covered under programme	30
3. Total inmates admitted	63,996
4. Inmates Covered(%)	28.6
5. Tested for HIV	18,092
5.1. HIV sero-positive (%)	0.06
5.2. On ART (%)	90.91

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	351
1.1. Stand-alone	67
1.2. Facility integrated (Govt)	211
1.3. Facility integrated (PPP)	24
1.4. CBS	49

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	2,04,049
1.1. Stand-alone	1,42,142
1.2. Facility integrated (Govt)	11,539
1.3. Facility integrated (PPP)	9,618
1.4. CBS	40,750
2. Found HIV Positive among tested	1,077
3. HIV sero-positivity (%) among tested	0.53
4. Spouse/sexual partner testing of HIV positive people identified	944
5. HIV- TB cross-referral	49,897
5.1 In referral from NTEP	40,352
5.1.1 HIV sero-positive (%)	0.75
5.2. ICTC clients referred to NTEP	9,545

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	12
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	11
4. Care Support Centres	5

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	1,077
2. New PLHIV Registered at ART center	1,371
2.1 Initiated on ART	1,278
3. PLHIV alive and on ART	12,320
4. 12 months retention on ART (%)	75
5. Lost to follow-up cases	1,338
6. Among all PLHIV attendees, % screened for TB	92

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	6,582
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	3
4.1 Accredited SRL	0
5. CD4 testing conducted	5,978
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	83.08
6.2 Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	9,43,960
2. HIV testing among PW	6,79,273
2.1. Stand-alone	1,74,306
2.2. Facility integrated (Govt)	3,95,516
2.3. Facility integrated (PPP)	1,03,771
2.4. CBS	5,680
3. HIV sero-positivity (%) among tested	0.01
4. HIV Positive (old + new detections)	204
4.1 On life-long ART	180
5. Live births among HIV positive PW	139
5.1 Babies given ARV Drug (%)	63
5.2 Babies tested for HIV (6 weeks- 6 months)	105
5.3 Babies found HIV Positive (6 weeks- 6 months)	2
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	94
6.2 HIV positive babies at 18 months	3
6.3 HIV positive babies initiated on ART	3

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

KARNATAKA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.43	0.46	0.45
2. Estimated people living with HIV	1,24,124	1,31,025	2,55,149
3. Estimated children living with HIV	4,182	3,915	8,097
4. Annual New HIV infections	618	601	1,219
5. Annual AIDS related deaths (ARD)	2,727	1,333	4,060
6. Change in annual new HIV infections since 2010 (%)	-82	-82	-82
7. Change in annual ARD since 2010 (%)	-85	-92	-88
8. EMTCT need	-	1,485	1,485

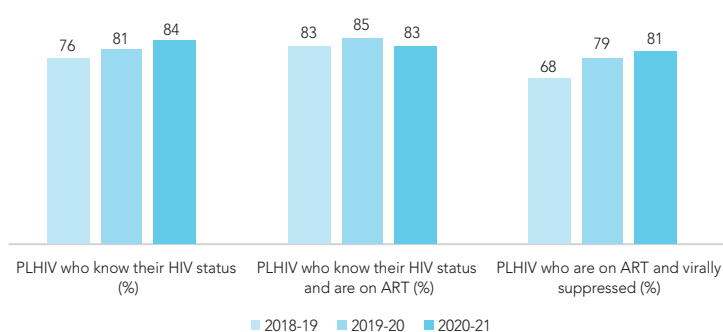
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	1,05,310	85.2	32.5	3.33
2. Men who have sex with men	25,555	67.4	61.4	5.4
3. Injecting Drug Users	3,107	27.8	69.6	0.4
4. Hijra/Transgender People	2,254	73.4	-	2.6
5. Migrants	2,10,000	-	-	0.6
6. Truckers	85,000	-	-	2
7. Prison inmates	85,576	65.5	11.8	1.30

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	26.2	9.5	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	27.9	10	18.1
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	82	68.2	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	78.2	62.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	4.5	1.6	2.9
5.1 Condom use during last higher-risk intercourse (%)	31.9	-	48.1
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	9.4	3.7	4.8
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	2,55,149
2. PLHIV who know their HIV Status	2,15,268
3. PLHIV who know their HIV status and are on ART	1,78,673
4. PLHIV who are on ART and tested for their viral load	71,261
5. PLHIV who are virally suppressed	57,705

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	7,200
2. Colleges with operational Red Ribbon Clubs (RRC)	1,536
3. Persons trained under mainstreaming	38,377
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	54
2. Clients managed	6,46,421
3. RPR Tests conducted	1,98,143
4. Syphilis seropositivity (%)	0.95

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	66
2. Blood units collection (in lakh)	2,58,248
3. Voluntary blood collection (%)	93.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	76
2. OST centres	2
3. Employer Led Model Interventions	55

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	1,05,310
2. Coverage (%)	>=95
3. Condoms distributed	1,39,93,765
4. Tested for HIV (April 2020 - September 2020)	52,322
4.1. HIV sero-positive (%)	0.05
4.1.1. Linked to ART	24
5. Tested for HIV (October 2020 - March 2021)	76,236
5.1. HIV sero-positive (%)	0.04
5.1.1. Linked to ART	26
6. Clinic Visits	2,54,367
7. STI/RTI treated	2,024
8. Presumptive treatment	15,398

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	25,555
2. Coverage (%)	>=95
3. Condoms distributed	58,71,170
4. Tested for HIV (April 2020 - September 2020)	17,336
4.1. HIV sero-positive (%)	0.25
4.1.1. Linked to ART	44
5. Tested for HIV (October 2020 - March 2021)	23,932
5.1. HIV sero-positive (%)	0.20
5.1.1. Linked to ART	43
6. Clinic Visits	78,476
7. STI/RTI treated	297
8. Presumptive treatment	7,251

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	3,107
2. Coverage (%)	48
3. Needles distributed	2,76,815
4. Syringes distributed	1,39,593
5. On OST	151
6. Tested for HIV (April 2020 - September 2020)	386
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	1,228
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	2,254
2. Coverage (%)	>=95
3. Condoms distributed	7,45,665
4. Tested for HIV (April 2020 - September 2020)	1,603
4.1. HIV sero-positive (%)	0.31
4.1.1. Linked to ART	5
5. Tested for HIV (October 2020 - March 2021)	2,369
5.1. HIV sero-positive (%)	0.30
5.1.1. Put on ART	7
6. Clinic Visits	6,210
7. STI / RTI treated	60
8. Presumptive treatment	688

F. Migrants

Indicator	2020-21
1. Estimated size	2,10,000
2. Coverage (%)	>=95
3. Tested for HIV	36,159
3.1. HIV sero-positive (%)	0.10
3.2. Linked to ART	34

G. Truckers

Indicator	2020-21
1. Estimated size	85,000
2. Coverage (%)	94
3. Tested for HIV	9,796
3.1. HIV sero-positive (%)	0.07
3.2. On ART	4

H. Prison Inmates

Indicator	2020-21
1. Total prisons	104
2. Prisons covered under programme	42
3. Total inmates admitted	84,238
4. Inmates Covered(%)	19.8
5. Tested for HIV	16,647
5.1. HIV sero-positive (%)	0.18
5.2. On ART (%)	100.00

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	5
2. Vulnerable population covered	1,32,143
3. Tested for HIV	72,797
3.1. HIV sero-positive (%)	0.30
3.2. Linked to ART (%)	97.72

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	3,369
1.1. Stand-alone	473
1.2. Facility integrated (Govt)	2,430
1.3. Facility integrated (PPP)	413
1.4. CBS	53

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	16,44,594
1.1. Stand-alone	10,70,007
1.2. Facility integrated (Govt)	2,66,767
1.3. Facility integrated (PPP)	2,51,397
1.4. CBS	56,423
2. Found HIV Positive among tested	9,545
3. HIV sero-positivity (%) among tested	0.58
4. Spouse/sexual partner testing of HIV positive people identified	3,547
5. HIV- TB cross-referral	1,348,78
5.1 In referral from NTEP	60,879
5.1.1 HIV sero-positive (%)	6.59
5.2. ICTC clients referred to NTEP	73,999

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	68
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	305
4. Care Support Centres	36

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	9,545
2. New PLHIV Registered at ART center	9,459
2.1 Initiated on ART	8,939
3. PLHIV alive and on ART	1,78,673
4. 12 months retention on ART (%)	74
5. Lost to follow-up cases	21,789
6. Among all PLHIV attendees, % screened for TB	96

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	7
1.1 Accredited Viral load laboratories	2
2. Viral load testing conducted	89,430
3. National reference laboratories (NRL)	1
3.1 Accredited NRL	1
4. State reference laboratories (SRL)	10
4.1 Accredited SRL	9
5. CD4 testing conducted	1,65,069
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	93.26
6.2. Average Discordance (%)	0.16

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	12,09,010
2. HIV testing among PW	11,62,996
2.1. Stand-alone	3,91,262
2.2. Facility integrated (Govt)	4,32,908
2.3. Facility integrated (PPP)	3,38,328
2.4. CBS	498
3. HIV sero-positivity (%) among tested	0.05
4. HIV Positive (old + new detections)	1,119
4.1 On life-long ART	1,089
5. Live births among HIV positive PW	880
5.1 Babies given ARV Drug (%)	83
5.2 Babies tested for HIV (6 weeks- 6 months)	831
5.3 Babies found HIV Positive (6 weeks- 6 months)	9
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	813
6.2 HIV positive babies at 18 months	32
6.3 HIV positive babies initiated on ART	28

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

KERALA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.09	0.07	0.08
2. Estimated people living with HIV	13,419	11,448	24,867
3. Estimated children living with HIV	403	375	778
4. Annual New HIV infections	410	362	772
5. Annual AIDS related deaths (ARD)	141	106	247
6. Change in annual new HIV infections since 2010 (%)	-27	-29	-28
7. Change in annual ARD since 2010 (%)	-73	-83	-78
8. EMTCT need	-	161	161

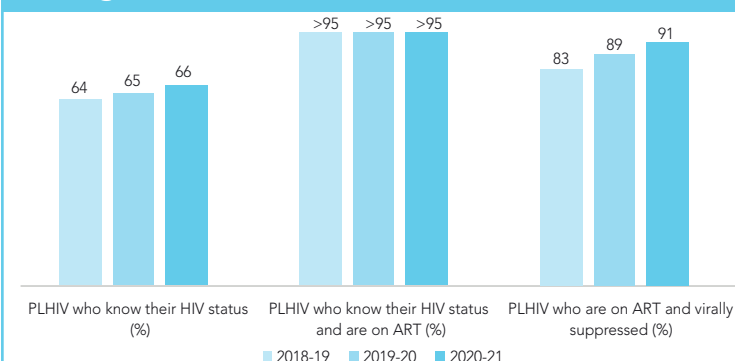
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	21,698	67.3	50	0.1
2. Men who have sex with men	14,281	33.5	60.3	0.23
3. Injecting Drug Users	4,116	35.2	88.7	0.41
4. Hijra/Transgender People	2,540	51.3	-	0.16
5. Migrants	1,50,000	-	-	0
6. Truckers	20,000	-	-	0
7. Prison inmates	26,545	41.8	15.4	0.00

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	50.8	43.1	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	46.3	41.8	43.9
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	74.3	75.8	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	78.2	72.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	4.4	0.4	1.9
5.1 Condom use during last higher-risk intercourse (%)	56	-	53.7
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	1	8.3
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	24,867
2. PLHIV who know their HIV Status	16,449
3. PLHIV who know their HIV status and are on ART	15,963
4. PLHIV who are on ART and tested for their viral load	10,175
5. PLHIV who are virally suppressed	9,303

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	1,500
2. Colleges with operational Red Ribbon Clubs (RRC)	311
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	23
2. Clients managed	1,59,642
3. RPR Tests conducted	61,188
4. Syphilis seropositivity (%)	0.58

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	45
2. Blood units collection (in lakh)	2,04,326
3. Voluntary blood collection (%)	76.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	61
2. OST centres	10
3. Employer Led Model Interventions	40

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	21,698
2. Coverage (%)	>=95
3. Condoms distributed	9,65,835
4. Tested for HIV (April 2020 - September 2020)	13,241
4.1. HIV sero-positive (%)	0.01
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	16,112
5.1. HIV sero-positive (%)	0.00
5.1.1. Linked to ART	0
6. Clinic Visits	47,601
7. STI/RTI treated	717
8. Presumptive treatment	1,457

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	14,281
2. Coverage (%)	>=95
3. Condoms distributed	7,35,350
4. Tested for HIV (April 2020 - September 2020)	10,326
4.1. HIV sero-positive (%)	0.04
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	13,388
5.1. HIV sero-positive (%)	0.05
5.1.1. Linked to ART	7
6. Clinic Visits	35,269
7. STI/RTI treated	387
8. Presumptive treatment	1,121

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	4,116
2. Coverage (%)	63
3. Needles distributed	1,86,077
4. Syringes distributed	1,09,231
5. On OST	465
6. Tested for HIV (April 2020 - September 2020)	1,584
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	2,209
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	2,540
2. Coverage (%)	>=95
3. Condoms distributed	1,39,054
4. Tested for HIV (April 2020 - September 2020)	1,816
4.1. HIV sero-positive (%)	0.06
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	2,207
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	5,952
7. STI / RTI treated	32
8. Presumptive treatment	131

F. Migrants

Indicator	2020-21
1. Estimated size	1,50,000
2. Coverage (%)	>=95
3. Tested for HIV	44,279
3.1. HIV sero-positive (%)	0.07
3.2. Linked to ART	31

G. Truckers

Indicator	2020-21
1. Estimated size	20,000
2. Coverage (%)	>=95
3. Tested for HIV	6,308
3.1. HIV sero-positive (%)	0.17
3.2. On ART	10

H. Prison Inmates

Indicator	2020-21
1. Total prisons	55
2. Prisons covered under programme	53
3. Total inmates admitted	47,593
4. Inmates Covered(%)	40.3
5. Tested for HIV	9,288
5.1. HIV sero-positive (%)	0.00
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	787
1.1. Stand-alone	150
1.2. Facility integrated (Govt)	463
1.3. Facility integrated (PPP)	113
1.4. CBS	61

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	4,14,011
1.1. Stand-alone	2,65,784
1.2. Facility integrated (Govt)	23,653
1.3. Facility integrated (PPP)	40,397
1.4. CBS	84,177
2. Found HIV Positive among tested	771
3. HIV sero-positivity (%) among tested	0.19
4. Spouse/sexual partner testing of HIV positive people identified	276
5. HIV- TB cross-referral	29,559
5.1 In referral from NTEP	18,569
5.1.1 HIV sero-positive (%)	1.35
5.2. ICTC clients referred to NTEP	10,990

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	10
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	14
4. Care Support Centres	7

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	771
2. New PLHIV Registered at ART center	761
2.1 Initiated on ART	642
3. PLHIV alive and on ART	15,963
4. 12 months retention on ART (%)	84
5. Lost to follow-up cases	592
6. Among all PLHIV attendees, % screened for TB	98

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	11,194
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	5
4.1 Accredited SRL	5
5. CD4 testing conducted	9,648
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	90.22
6.2 Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	5,39,500
2. HIV testing among PW	4,35,832
2.1. Stand-alone	1,09,488
2.2. Facility integrated (Govt)	20,636
2.3. Facility integrated (PPP)	3,05,708
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.00
4. HIV Positive (old + new detections)	56
4.1 On life-long ART	53
5. Live births among HIV positive PW	47
5.1 Babies given ARV Drug (%)	100
5.2 Babies tested for HIV (6 weeks- 6 months)	47
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	45
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

MADHYA PRADESH

MADHYA PRADESH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.12	0.08	0.10
2. Estimated people living with HIV	38,093	21,988	60,081
3. Estimated children living with HIV	1,254	1,138	2,392
4. Annual New HIV infections	1,821	923	2,744
5. Annual AIDS related deaths (ARD)	807	199	1,006
6. Change in annual new HIV infections since 2010 (%)	-19	-25	-21
7. Change in annual ARD since 2010 (%)	-69	-85	-75
8. EMTCT need	-	625	625

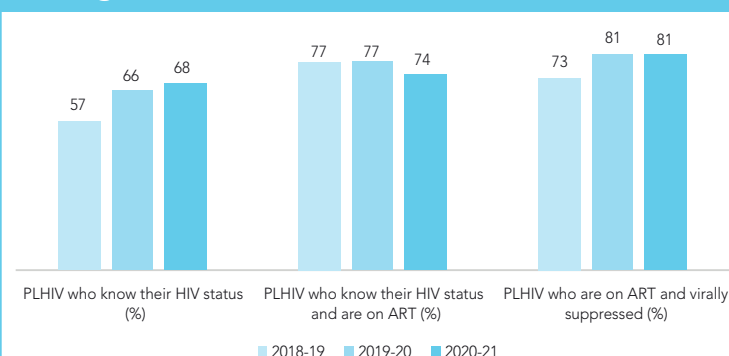
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	28,418	67	63.6	0.64
2. Men who have sex with men	13,343	39.6	71.6	4.4
3. Injecting Drug Users	7,021	41.3	85.7	5.33
4. Hijra/Transgender People	-	-	-	-
5. Migrants	1,25,834	-	-	0.4
6. Truckers	85,000	-	-	0
7. Prison inmates	1,90,301	40	30.8	0.90

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	29.3	18.1	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	27.7	19.2	23.3
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	82.3	75.4	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	73.4	70.2	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	10.7	1	5.6
5.1 Condom use during last higher-risk intercourse (%)	37.9	43.4	38.5
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	40.2	3.2	18.5
6.1 Condom use during last higher-risk intercourse (%)	35.4	46	36.5

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	60,081
2. PLHIV who know their HIV Status	40,844
3. PLHIV who know their HIV status and are on ART	30,349
4. PLHIV who are on ART and tested for their viral load	22,111
5. PLHIV who are virally suppressed	17,960

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	0
2. Colleges with operational Red Ribbon Clubs (RRC)	660
3. Persons trained under mainstreaming	3,049
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	66
2. Clients managed	5,83,343
3. RPR Tests conducted	2,57,710
4. Syphilis seropositivity (%)	0.34

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	62
2. Blood units collection (in lakh)	3,18,674
3. Voluntary blood collection (%)	78.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	68
2. OST centres	16
3. Employer Led Model Interventions	84

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	28,418
2. Coverage (%)	>=95
3. Condoms distributed	51,15,321
4. Tested for HIV (April 2020 - September 2020)	25,702
4.1. HIV sero-positive (%)	0.05
4.1.1. Linked to ART	13
5. Tested for HIV (October 2020 - March 2021)	33,314
5.1. HIV sero-positive (%)	0.07
5.1.1. Linked to ART	23
6. Clinic Visits	95,296
7. STI/RTI treated	2,934
8. Presumptive treatment	6,678

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	13,343
2. Coverage (%)	>=95
3. Condoms distributed	14,52,945
4. Tested for HIV (April 2020 - September 2020)	8,670
4.1. HIV sero-positive (%)	0.22
4.1.1. Linked to ART	18
5. Tested for HIV (October 2020 - March 2021)	11,776
5.1. HIV sero-positive (%)	0.33
5.1.1. Linked to ART	36
6. Clinic Visits	31,967
7. STI/RTI treated	508
8. Presumptive treatment	2,896

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	7,021
2. Coverage (%)	>=95
3. Needles distributed	10,80,714
4. Syringes distributed	10,80,760
5. On OST	1,226
6. Tested for HIV (April 2020 - September 2020)	4,872
6.1. HIV sero-positive (%)	0.60
6.1.1. Linked to ART	15
7. Tested for HIV (October 2020 - March 2021)	7,251
7.1. HIV sero-positive (%)	0.80
7.1.1. Linked to ART	51

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	28,444
4. Tested for HIV (April 2020 - September 2020)	137
4.1. HIV sero-positive (%)	0.73
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	445
5.1. HIV sero-positive (%)	0.45
5.1.1. Put on ART	2
6. Clinic Visits	811
7. STI / RTI treated	6
8. Presumptive treatment	245

F. Migrants

Indicator	2020-21
1. Estimated size	1,25,834
2. Coverage (%)	>=95
3. Tested for HIV	22,459
3.1. HIV sero-positive (%)	0.04
3.2. Linked to ART	9

G. Truckers

Indicator	2020-21
1. Estimated size	85,000
2. Coverage (%)	59
3. Tested for HIV	12,890
3.1. HIV sero-positive (%)	0.05
3.2. On ART	6

H. Prison Inmates

Indicator	2020-21
1. Total prisons	131
2. Prisons covered under programme	130
3. Total inmates admitted	1,89,707
4. Inmates Covered(%)	69.5
5. Tested for HIV	78,341
5.1. HIV sero-positive (%)	0.21
5.2. On ART (%)	72.02

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	9
2. Vulnerable population covered	1,27,601
3. Tested for HIV	1,02,090
3.1. HIV sero-positive (%)	0.06
3.2. Linked to ART (%)	95.08

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	1,703
1.1. Stand-alone	192
1.2. Facility integrated (Govt)	1,313
1.3. Facility integrated (PPP)	55
1.4. CBS	143

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	8,06,199
1.1. Stand-alone	3,79,215
1.2. Facility integrated (Govt)	1,40,289
1.3. Facility integrated (PPP)	74,737
1.4. CBS	2,11,958
2. Found HIV Positive among tested	3,492
3. HIV sero-positivity (%) among tested	0.43
4. Spouse/sexual partner testing of HIV positive people identified	1,362
5. HIV- TB cross-referral	1,49,400
5.1 In referral from NTEP	1,27,641
5.1.1 HIV sero-positive (%)	0.98
5.2. ICTC clients referred to NTEP	21,759

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	19
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	36
4. Care Support Centres	11

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	3,492
2. New PLHIV Registered at ART center	3,576
2.1 Initiated on ART	3,270
3. PLHIV alive and on ART	30,349
4. 12 months retention on ART (%)	70
5. Lost to follow-up cases	6,871
6. Among all PLHIV attendees, % screened for TB	94

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	24,948
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	4
4.1 Accredited SRL	2
5. CD4 testing conducted	19,675
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	56.89
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	22,03,830
2. HIV testing among PW	14,77,061
2.1. Stand-alone	5,40,183
2.2. Facility integrated (Govt)	6,93,519
2.3. Facility integrated (PPP)	2,40,783
2.4. CBS	2,576
3. HIV sero-positivity (%) among tested	0.02
4. HIV Positive (old + new detections)	501
4.1 On life-long ART	502
5. Live births among HIV positive PW	503
5.1 Babies given ARV Drug (%)	96
5.2 Babies tested for HIV (6 weeks- 6 months)	474
5.3 Babies found HIV Positive (6 weeks- 6 months)	7
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	398
6.2 HIV positive babies at 18 months	21
6.3 HIV positive babies initiated on ART	21

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

MAHARASHTRA

MAHARASHTRA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.37	0.33	0.35
2. Estimated people living with HIV	2,16,533	1,73,764	3,90,297
3. Estimated children living with HIV	6,837	5,986	12,823
4. Annual New HIV infections	4,117	3,698	7,815
5. Annual AIDS related deaths (ARD)	3,474	894	4,368
6. Change in annual new HIV infections since 2010 (%)	-45	-39	-43
7. Change in annual ARD since 2010 (%)	-83	-92	-83
8. EMTCT need	-	2,987	2,987

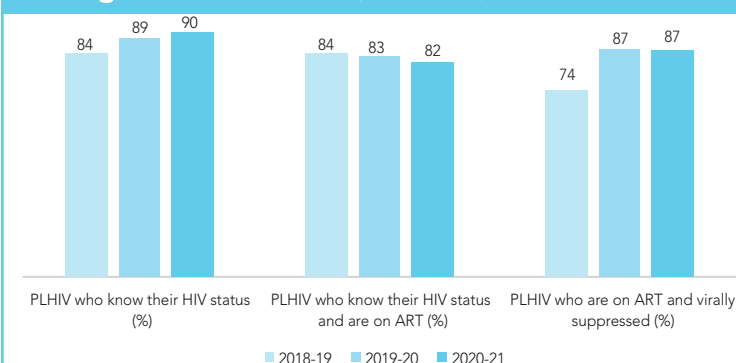
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	81,320	80.1	11.3	3.48
2. Men who have sex with men	33,441	67.7	20.1	4.69
3. Injecting Drug Users	964	48.2	70.4	-
4. Hijra/Transgender People	7,114	-	-	5.2
5. Migrants	13,74,914	-	-	0.53
6. Truckers	2,05,000	-	-	1.4
7. Prison inmates	1,47,481	55.1	8.3	1.10

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	44.4	30	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	41.7	31.7	36.6
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	85.4	80.5	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	79.8	72.4	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	7.7	0.3	3.7
5.1 Condom use during last higher-risk intercourse (%)	68	-	66.8
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	47.1	0.4	14.3
6.1 Condom use during last higher-risk intercourse (%)	61.1	-	60.7

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	3,90,297
2. PLHIV who know their HIV Status	3,52,254
3. PLHIV who know their HIV status and are on ART	2,88,115
4. PLHIV who are on ART and tested for their viral load	1,92,184
5. PLHIV who are virally suppressed	1,67,073

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	183
2. Colleges with operational Red Ribbon Clubs (RRC)	1,170
3. Persons trained under mainstreaming	63,597
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	80
2. Clients managed	10,38,993
3. RPR Tests conducted	3,97,128
4. Syphilis seropositivity (%)	0.35

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	121
2. Blood units collection (in lakh)	6,43,308
3. Voluntary blood collection (%)	99.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	165
2. OST centres	2
3. Employer Led Model Interventions	187

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	81,320
2. Coverage (%)	>=95
3. Condoms distributed	1,55,30,786
4. Tested for HIV (April 2020 - September 2020)	44,190
4.1. HIV sero-positive (%)	0.10
4.1.1. Linked to ART	38
5. Tested for HIV (October 2020 - March 2021)	66,201
5.1. HIV sero-positive (%)	0.16
5.1.1. Linked to ART	100
6. Clinic Visits	2,05,193
7. STI/RTI treated	3,496
8. Presumptive treatment	10,039

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	33,441
2. Coverage (%)	>=95
3. Condoms distributed	41,09,865
4. Tested for HIV (April 2020 - September 2020)	16,710
4.1. HIV sero-positive (%)	0.34
4.1.1. Linked to ART	49
5. Tested for HIV (October 2020 - March 2021)	23,831
5.1. HIV sero-positive (%)	0.26
5.1.1. Linked to ART	55
6. Clinic Visits	83,486
7. STI/RTI treated	1,255
8. Presumptive treatment	3,673

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	964
2. Coverage (%)	>=95
3. Needles distributed	20,863
4. Syringes distributed	11,028
5. On OST	124
6. Tested for HIV (April 2020 - September 2020)	367
6.1. HIV sero-positive (%)	0.27
6.1.1. Linked to ART	1
7. Tested for HIV (October 2020 - March 2021)	576
7.1. HIV sero-positive (%)	0.52
7.1.1. Linked to ART	1

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	7,114
2. Coverage (%)	>=95
3. Condoms distributed	25,79,594
4. Tested for HIV (April 2020 - September 2020)	4,103
4.1. HIV sero-positive (%)	0.66
4.1.1. Linked to ART	24
5. Tested for HIV (October 2020 - March 2021)	6,293
5.1. HIV sero-positive (%)	0.51
5.1.1. Put on ART	28
6. Clinic Visits	25,993
7. STI / RTI treated	506
8. Presumptive treatment	1,066

F. Migrants

Indicator	2020-21
1. Estimated size	13,74,914
2. Coverage (%)	>=95
3. Tested for HIV	2,18,589
3.1. HIV sero-positive (%)	0.14
3.2. Linked to ART	273

G. Truckers

Indicator	2020-21
1. Estimated size	2,05,000
2. Coverage (%)	>=95
3. Tested for HIV	41,452
3.1. HIV sero-positive (%)	0.11
3.2. On ART	37

H. Prison Inmates

Indicator	2020-21
1. Total prisons	64
2. Prisons covered under programme	39
3. Total inmates admitted	1,50,155
4. Inmates Covered(%)	22.7
5. Tested for HIV	21,699
5.1. HIV sero-positive (%)	0.35
5.2. On ART (%)	97.37

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	20
2. Vulnerable population covered	3,78,498
3. Tested for HIV	2,61,321
3.1. HIV sero-positive (%)	0.09
3.2. Linked to ART (%)	94.31

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	4,743
1.1. Stand-alone	566
1.2. Facility integrated (Govt)	2,605
1.3. Facility integrated (PPP)	1,422
1.4. CBS	150

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	28,73,920
1.1. Stand-alone	19,17,822
1.2. Facility integrated (Govt)	3,71,905
1.3. Facility integrated (PPP)	3,80,681
1.4. CBS	2,03,512
2. Found HIV Positive among tested	11,571
3. HIV sero-positivity (%) among tested	0.40
4. Spouse/sexual partner testing of HIV positive people identified	5,243
5. HIV- TB cross-referral	3,17,588
5.1 In referral from NTEP	1,45,929
5.1.1 HIV sero-positive (%)	3.69
5.2. ICTC clients referred to NTEP	1,71,659

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	94
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	182
4. Care Support Centres	44

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	11,571
2. New PLHIV Registered at ART center	11,974
2.1 Initiated on ART	11,304
3. PLHIV alive and on ART	2,88,115
4. 12 months retention on ART (%)	70
5. Lost to follow-up cases	58,726
6. Among all PLHIV attendees, % screened for TB	94

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	13
1.1 Accredited Viral load laboratories	5
2. Viral load testing conducted	2,07,396
3. National reference laboratories (NRL)	2
3.1 Accredited NRL	2
4. State reference laboratories (SRL)	16
4.1 Accredited SRL	16
5. CD4 testing conducted	1,93,808
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	99.00
6.2 Average Discordance (%)	0.82

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	21,09,760
2. HIV testing among PW	20,21,274
2.1. Stand-alone	5,62,095
2.2. Facility integrated (Govt)	7,48,900
2.3. Facility integrated (PPP)	7,08,955
2.4. CBS	1,324
3. HIV sero-positivity (%) among tested	0.04
4. HIV Positive (old + new detections)	1,295
4.1 On life-long ART	1,185
5. Live births among HIV positive PW	1,440
5.1 Babies given ARV Drug (%)	89
5.2 Babies tested for HIV (6 weeks- 6 months)	1,211
5.3 Babies found HIV Positive (6 weeks- 6 months)	12
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	1,164
6.2 HIV positive babies at 18 months	31
6.3 HIV positive babies initiated on ART	28

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

MANIPUR

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	1.2	1.10	1.15
2. Estimated people living with HIV	14,898	13,483	28,381
3. Estimated children living with HIV	853	809	1,662
4. Annual New HIV infections	487	464	951
5. Annual AIDS related deaths (ARD)	524	288	812
6. Change in annual new HIV infections since 2010 (%)	-31	-27	-29
7. Change in annual ARD since 2010 (%)	-62	-70	-65
8. EMTCT need	-	369	369

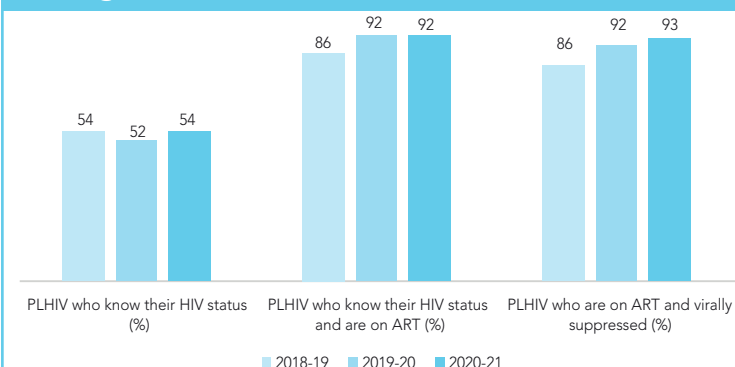
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	5,703	54.4	28.5	1.4
2. Men who have sex with men	1,257	-	-	8.4
3. Injecting Drug Users	20,392	53.2	82.8	7.66
4. Hijra/Transgender People	799	-	-	-
5. Migrants	16,000	-	-	-
6. Truckers	-	-	-	-
7. Prison inmates	2,392	50	25	3.00

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	57.9	40.7	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	57.5	38	47.3
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	89.3	77.4	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	83.9	83.4	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	7.5	0.8	3.8
5.1 Condom use during last higher-risk intercourse (%)	36.7	-	33.5
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	44.7	3.9	18.4
6.1 Condom use during last higher-risk intercourse (%)	39.5	-	34.1

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	28,381
2. PLHIV who know their HIV Status	15,230
3. PLHIV who know their HIV status and are on ART	13,946
4. PLHIV who are on ART and tested for their viral load	5,854
5. PLHIV who are virally suppressed	5,433

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	175
2. Colleges with operational Red Ribbon Clubs (RRC)	46
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	10
2. Clients managed	52,359
3. RPR Tests conducted	31,756
4. Syphilis seropositivity (%)	0.01

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	3
2. Blood units collection (in lakh)	17,195
3. Voluntary blood collection (%)	25.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	54
2. OST centres	24
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	5,703
2. Coverage (%)	>=95
3. Condoms distributed	10,93,911
4. Tested for HIV (April 2020 - September 2020)	2,549
4.1. HIV sero-positive (%)	0.20
4.1.1. Linked to ART	4
5. Tested for HIV (October 2020 - March 2021)	4,497
5.1. HIV sero-positive (%)	0.13
5.1.1. Linked to ART	5
6. Clinic Visits	15,144
7. STI/RTI treated	70
8. Presumptive treatment	860

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	1,257
2. Coverage (%)	>=95
3. Condoms distributed	1,68,069
4. Tested for HIV (April 2020 - September 2020)	573
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	385
5.1. HIV sero-positive (%)	0.78
5.1.1. Linked to ART	1
6. Clinic Visits	4,011
7. STI/RTI treated	7
8. Presumptive treatment	260

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	20,392
2. Coverage (%)	>=95
3. Needles distributed	44,91,870
4. Syringes distributed	49,50,622
5. On OST	4,339
6. Tested for HIV (April 2020 - September 2020)	10,625
6.1. HIV sero-positive (%)	0.21
6.1.1. Linked to ART	20
7. Tested for HIV (October 2020 - March 2021)	15,274
7.1. HIV sero-positive (%)	0.19
7.1.1. Linked to ART	77

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	799
2. Coverage (%)	20
3. Condoms distributed	12,691
4. Tested for HIV (April 2020 - September 2020)	119
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	56
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	466
7. STI / RTI treated	0
8. Presumptive treatment	5

F. Migrants

Indicator	2020-21
1. Estimated size	16,000
2. Coverage (%)	49
3. Tested for HIV	2,275
3.1. HIV sero-positive (%)	0.18
3.2. Linked to ART	4

G. Truckers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	5
2. Prisons covered under programme	1
3. Total inmates admitted	2,568
4. Inmates Covered(%)	28.4
5. Tested for HIV	0
5.1. HIV sero-positive (%)	-
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	9
2. Vulnerable population covered	26,404
3. Tested for HIV	11,099
3.1. HIV sero-positive (%)	0.11
3.2. Linked to ART (%)	75.00

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	228
1.1. Stand-alone	65
1.2. Facility integrated (Govt)	84
1.3. Facility integrated (PPP)	13
1.4. CBS	66

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	69,924
1.1. Stand-alone	42,834
1.2. Facility integrated (Govt)	3,170
1.3. Facility integrated (PPP)	4,267
1.4. CBS	19,653
2. Found HIV Positive among tested	677
3. HIV sero-positivity (%) among tested	0.97
4. Spouse/sexual partner testing of HIV positive people identified	159
5. HIV- TB cross-referral	2,139
5.1 In referral from NTEP	1,270
5.1.1 HIV sero-positive (%)	8.03
5.2. ICTC clients referred to NTEP	869

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	13
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	15
4. Care Support Centres	4

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	677
2. New PLHIV Registered at ART center	714
2.1 Initiated on ART	667
3. PLHIV alive and on ART	13,946
4. 12 months retention on ART (%)	79
5. Lost to follow-up cases	1,371
6. Among all PLHIV attendees, % screened for TB	98

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	1
2. Viral load testing conducted	7,995
3. National reference laboratories (NRL)	1
3.1 Accredited NRL	1
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	6,812
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	66.67
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	54,580
2. HIV testing among PW	31,067
2.1. Stand-alone	23,910
2.2. Facility integrated (Govt)	4,342
2.3. Facility integrated (PPP)	2,640
2.4. CBS	175
3. HIV sero-positivity (%) among tested	0.17
4. HIV Positive (old + new detections)	131
4.1 On life-long ART	117
5. Live births among HIV positive PW	83
5.1 Babies given ARV Drug (%)	69
5.2 Babies tested for HIV (6 weeks- 6 months)	90
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	16
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	No



FACT SHEET

MEGHALAYA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.55	0.50	0.53
2. Estimated people living with HIV	5,838	5,324	11,162
3. Estimated children living with HIV	319	309	628
4. Annual New HIV infections	350	328	679
5. Annual AIDS related deaths (ARD)	180	95	275
6. Change in annual new HIV infections since 2010 (%)	-56	-49	-53
7. Change in annual ARD since 2010 (%)	82	28	59
8. EMTCT need	-	267	267

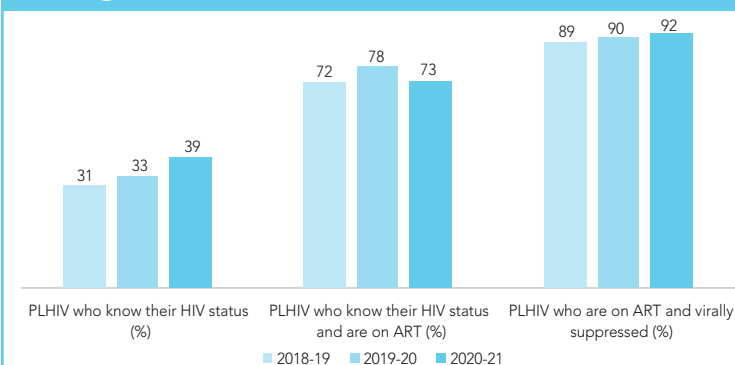
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	1,357	51.5	40.2	5.94
2. Men who have sex with men	225	-	-	-
3. Injecting Drug Users	1,892	19.7	76.9	1.62
4. Hijra/Transgender People	-	-	-	-
5. Migrants	50,300	-	-	-
6. Truckers	4,150	-	-	-
7. Prison inmates	2,910	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	14.1	13.3	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	14.2	12.7	13.4
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	59.5	67.5	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	28.9	32.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	6.5	0.4	2.8
5.1 Condom use during last higher-risk intercourse (%)	13.6	-	13.9
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	26.3	1.8	8.8
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	11,162
2. PLHIV who know their HIV Status	4,313
3. PLHIV who know their HIV status and are on ART	3,152
4. PLHIV who are on ART and tested for their viral load	1,142
5. PLHIV who are virally suppressed	1,045

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	200
2. Colleges with operational Red Ribbon Clubs (RRC)	67
3. Persons trained under mainstreaming	1,268
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	10
2. Clients managed	13,515
3. RPR Tests conducted	8,357
4. Syphilis seropositivity (%)	3.03

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	6
2. Blood units collection (in lakh)	14,913
3. Voluntary blood collection (%)	28.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	11
2. OST centres	5
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	1,357
2. Coverage (%)	>=95
3. Condoms distributed	1,87,095
4. Tested for HIV (April 2020 - September 2020)	287
4.1. HIV sero-positive (%)	2.44
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	898
5.1. HIV sero-positive (%)	1.22
5.1.1. Linked to ART	9
6. Clinic Visits	3,137
7. STI/RTI treated	19
8. Presumptive treatment	206

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	225
2. Coverage (%)	>=95
3. Condoms distributed	15,340
4. Tested for HIV (April 2020 - September 2020)	6
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	52
5.1. HIV sero-positive (%)	3.85
5.1.1. Linked to ART	2
6. Clinic Visits	267
7. STI/RTI treated	0
8. Presumptive treatment	15

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,892
2. Coverage (%)	61
3. Needles distributed	1,51,026
4. Syringes distributed	1,51,026
5. On OST	971
6. Tested for HIV (April 2020 - September 2020)	155
6.1. HIV sero-positive (%)	1.94
6.1.1. Linked to ART	2
7. Tested for HIV (October 2020 - March 2021)	454
7.1. HIV sero-positive (%)	1.10
7.1.1. Linked to ART	1

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	50,300
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART	-

G. Truckers

Indicator	2020-21
1. Estimated size	4,150
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	5
2. Prisons covered under programme	3
3. Total inmates admitted	2,939
4. Inmates Covered(%)	33.3
5. Tested for HIV	23
5.1. HIV sero-positive (%)	0.00
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	204
1.1. Stand-alone	24
1.2. Facility integrated (Govt)	162
1.3. Facility integrated (PPP)	6
1.4. CBS	12

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	41,355
1.1. Stand-alone	22,361
1.2. Facility integrated (Govt)	9,949
1.3. Facility integrated (PPP)	7,157
1.4. CBS	1,888
2. Found HIV Positive among tested	629
3. HIV sero-positivity (%) among tested	1.52
4. Spouse/sexual partner testing of HIV positive people identified	123
5. HIV- TB cross-referral	3,650
5.1 In referral from NTEP	3,467
5.1.1 HIV sero-positive (%)	3.14
5.2. ICTC clients referred to NTEP	183

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	4
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	2
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	629
2. New PLHIV Registered at ART center	679
2.1 Initiated on ART	582
3. PLHIV alive and on ART	3,152
4. 12 months retention on ART (%)	65
5. Lost to follow-up cases	1,170
6. Among all PLHIV attendees, % screened for TB	94

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	1,393
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	0
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	2,784
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	88.89
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	76,140
2. HIV testing among PW	74,963
2.1. Stand-alone	23,022
2.2. Facility integrated (Govt)	49,388
2.3. Facility integrated (PPP)	2,553
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.18
4. HIV Positive (old + new detections)	189
4.1 On life-long ART	121
5. Live births among HIV positive PW	187
5.1 Babies given ARV Drug (%)	80
5.2 Babies tested for HIV (6 weeks- 6 months)	160
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	99
6.2 HIV positive babies at 18 months	7
6.3 HIV positive babies initiated on ART	7

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

MIZORAM

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	2.65	2.07	2.37
2. Estimated people living with HIV	11,797	8,929	20,726
3. Estimated children living with HIV	396	373	768
4. Annual New HIV infections	634	464	1,098
5. Annual AIDS related deaths (ARD)	84	83	167
6. Change in annual new HIV infections since 2010 (%)	-19	-20	-19
7. Change in annual ARD since 2010 (%)	-83	-74	-80
8. EMTCT need	-	274	274

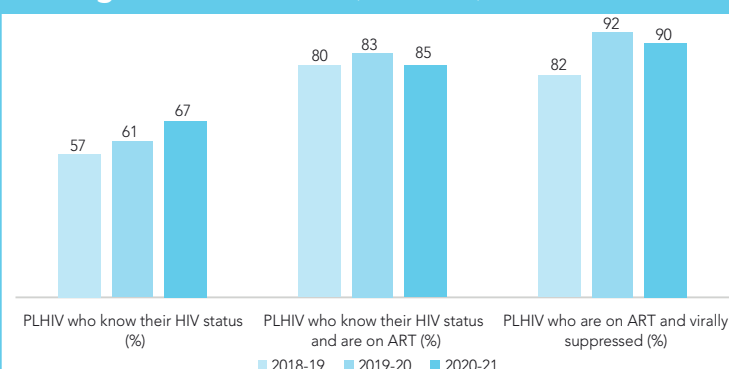
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	1,465	37.7	43	24.68
2. Men who have sex with men	532	-	-	-
3. Injecting Drug Users	12,800	53.1	79.5	19.81
4. Hijra/Transgender People	-	-	-	-
5. Migrants	50,300	-	-	-
6. Truckers	15,000	-	-	-
7. Prison inmates	6,606	33.3	45.9	20.80

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	68.2	66.4	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	65.5	63.2	64.2
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	94.6	93.9	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	86.6	88.1	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	23.5	3.6	13.3
5.1 Condom use during last higher-risk intercourse (%)	9.7	-	15.9
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	63.6	15.8	38
6.1 Condom use during last higher-risk intercourse (%)	13.5	-	22.6

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	20,726
2. PLHIV who know their HIV Status	13,868
3. PLHIV who know their HIV status and are on ART	11,752
4. PLHIV who are on ART and tested for their viral load	5,413
5. PLHIV who are virally suppressed	4,898

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	0
2. Colleges with operational Red Ribbon Clubs (RRC)	41
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	10
2. Clients managed	31,059
3. RPR Tests conducted	15,220
4. Syphilis seropositivity (%)	1.87

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	10
2. Blood units collection (in lakh)	26,533
3. Voluntary blood collection (%)	90.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	34
2. OST centres	17
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	1,465
2. Coverage (%)	76
3. Condoms distributed	72,418
4. Tested for HIV (April 2020 - September 2020)	277
4.1. HIV sero-positive (%)	2.17
4.1.1. Linked to ART	7
5. Tested for HIV (October 2020 - March 2021)	453
5.1. HIV sero-positive (%)	1.10
5.1.1. Linked to ART	3
6. Clinic Visits	1,455
7. STI/RTI treated	7
8. Presumptive treatment	96

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	532
2. Coverage (%)	>=95
3. Condoms distributed	43,393
4. Tested for HIV (April 2020 - September 2020)	361
4.1. HIV sero-positive (%)	0.55
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	442
5.1. HIV sero-positive (%)	2.26
5.1.1. Linked to ART	9
6. Clinic Visits	2,041
7. STI/RTI treated	5
8. Presumptive treatment	89

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	12,800
2. Coverage (%)	>=95
3. Needles distributed	10,93,900
4. Syringes distributed	10,93,900
5. On OST	3,724
6. Tested for HIV (April 2020 - September 2020)	3,719
6.1. HIV sero-positive (%)	3.71
6.1.1. Linked to ART	108
7. Tested for HIV (October 2020 - March 2021)	5,404
7.1. HIV sero-positive (%)	3.55
7.1.1. Linked to ART	107

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	50,300
2. Coverage (%)	31
3. Tested for HIV	2,840
3.1. HIV sero-positive (%)	0.70
3.2. Linked to ART	18

G. Truckers

Indicator	2020-21
1. Estimated size	15,000
2. Coverage (%)	0
3. Tested for HIV	0
3.1. HIV sero-positive (%)	-
3.2. On ART	0

H. Prison Inmates

Indicator	2020-21
1. Total prisons	10
2. Prisons covered under programme	3
3. Total inmates admitted	7,860
4. Inmates Covered(%)	86.4
5. Tested for HIV	648
5.1. HIV sero-positive (%)	5.25
5.2. On ART (%)	29.41

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	8
2. Vulnerable population covered	6,688
3. Tested for HIV	3,671
3.1. HIV sero-positive (%)	1.14
3.2. Linked to ART (%)	73.81

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	152
1.1. Stand-alone	41
1.2. Facility integrated (Govt)	63
1.3. Facility integrated (PPP)	11
1.4. CBS	37

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	53,838
1.1. Stand-alone	39,118
1.2. Facility integrated (Govt)	2,308
1.3. Facility integrated (PPP)	5,074
1.4. CBS	7,338
2. Found HIV Positive among tested	1,918
3. HIV sero-positivity (%) among tested	3.56
4. Spouse/sexual partner testing of HIV positive people identified	506
5. HIV- TB cross-referral	3,874
5.1 In referral from NTEP	2,097
5.1.1 HIV sero-positive (%)	13.92
5.2. ICTC clients referred to NTEP	1,777

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	12
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	4
4. Care Support Centres	3

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	1,918
2. New PLHIV Registered at ART center	1,866
2.1 Initiated on ART	1,845
3. PLHIV alive and on ART	11,752
4. 12 months retention on ART (%)	81
5. Lost to follow-up cases	1,488
6. Among all PLHIV attendees, % screened for TB	99

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	7,031
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	2,788
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	91.06
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	18,980
2. HIV testing among PW	17,537
2.1. Stand-alone	12,428
2.2. Facility integrated (Govt)	3,850
2.3. Facility integrated (PPP)	872
2.4. CBS	387
3. HIV sero-positivity (%) among tested	0.88
4. HIV Positive (old + new detections)	182
4.1 On life-long ART	151
5. Live births among HIV positive PW	246
5.1 Babies given ARV Drug (%)	97
5.2 Babies tested for HIV (6 weeks- 6 months)	196
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	189
6.2 HIV positive babies at 18 months	8
6.3 HIV positive babies initiated on ART	8

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

NAGALAND

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	1.48	1.40	1.44
2. Estimated people living with HIV	12,205	10,564	22,769
3. Estimated children living with HIV	522	479	1,001
4. Annual New HIV infections	775	675	1,450
5. Annual AIDS related deaths (ARD)	197	117	314
6. Change in annual new HIV infections since 2010 (%)	-10	-4	-7
7. Change in annual ARD since 2010 (%)	-67	-66	-66
8. EMTCT need	-	390	390

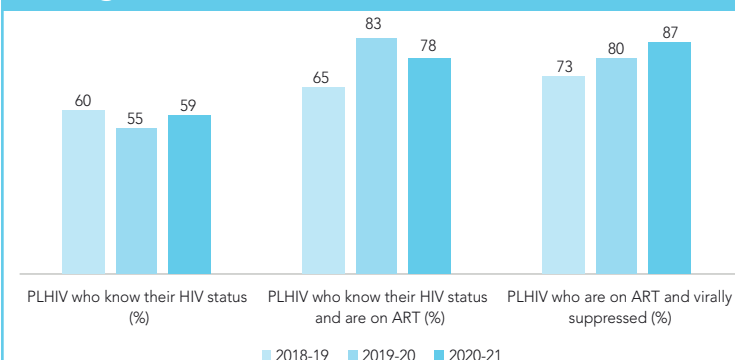
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	2,893	80.2	0	3.6
2. Men who have sex with men	1,270	69.9	0	7.66
3. Injecting Drug Users	16,264	53	87.9	1.15
4. Hijra/Transgender People	20	-	-	-
5. Migrants	5,000	-	-	-
6. Truckers	5,000	-	-	1.21
7. Prison inmates	2,137	50	31.8	4.70

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	23.9	12.2	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	81.7	60.8	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	49.7	42.9	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	16.8	3.6	10
5.1 Condom use during last higher-risk intercourse (%)	32.8	36	33.4
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	65.8	13.5	37.1
6.1 Condom use during last higher-risk intercourse (%)	40.3	-	35.1

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	22,769
2. PLHIV who know their HIV Status	13,479
3. PLHIV who know their HIV status and are on ART	10,447
4. PLHIV who are on ART and tested for their viral load	4,765
5. PLHIV who are virally suppressed	4,145

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	300
2. Colleges with operational Red Ribbon Clubs (RRC)	77
3. Persons trained under mainstreaming	1,240
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	12
2. Clients managed	49,405
3. RPR Tests conducted	14,482
4. Syphilis seropositivity (%)	0.30

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	3
2. Blood units collection (in lakh)	7,972
3. Voluntary blood collection (%)	25.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	43
2. OST centres	31
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	2,893
2. Coverage (%)	>=95
3. Condoms distributed	5,40,517
4. Tested for HIV (April 2020 - September 2020)	1,845
4.1. HIV sero-positive (%)	0.33
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	2,607
5.1. HIV sero-positive (%)	0.31
5.1.1. Linked to ART	5
6. Clinic Visits	7,738
7. STI/RTI treated	130
8. Presumptive treatment	1,417

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	1,270
2. Coverage (%)	>=95
3. Condoms distributed	3,10,513
4. Tested for HIV (April 2020 - September 2020)	1,115
4.1. HIV sero-positive (%)	0.09
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	1,168
5.1. HIV sero-positive (%)	0.09
5.1.1. Linked to ART	2
6. Clinic Visits	4,320
7. STI/RTI treated	8
8. Presumptive treatment	192

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	16,264
2. Coverage (%)	>=95
3. Needles distributed	14,98,802
4. Syringes distributed	15,64,652
5. On OST	6,044
6. Tested for HIV (April 2020 - September 2020)	10,279
6.1. HIV sero-positive (%)	0.34
6.1.1. Linked to ART	28
7. Tested for HIV (October 2020 - March 2021)	13,029
7.1. HIV sero-positive (%)	0.17
7.1.1. Linked to ART	14

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	20
2. Coverage (%)	>=95
3. Condoms distributed	9,073
4. Tested for HIV (April 2020 - September 2020)	11
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	30
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	81
7. STI / RTI treated	0
8. Presumptive treatment	20

F. Migrants

Indicator	2020-21
1. Estimated size	5,000
2. Coverage (%)	>=95
3. Tested for HIV	1,256
3.1. HIV sero-positive (%)	0.24
3.2. Linked to ART	2

G. Truckers

Indicator	2020-21
1. Estimated size	5,000
2. Coverage (%)	>=95
3. Tested for HIV	1,337
3.1. HIV sero-positive (%)	0.07
3.2. On ART	0

H. Prison Inmates

Indicator	2020-21
1. Total prisons	11
2. Prisons covered under programme	1
3. Total inmates admitted	2,459
4. Inmates Covered(%)	5.0
5. Tested for HIV	77
5.1. HIV sero-positive (%)	0.00
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	260
1.1. Stand-alone	73
1.2. Facility integrated (Govt)	124
1.3. Facility integrated (PPP)	9
1.4. CBS	54

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	79,896
1.1. Stand-alone	41,608
1.2. Facility integrated (Govt)	2,843
1.3. Facility integrated (PPP)	15,620
1.4. CBS	19,825
2. Found HIV Positive among tested	1,103
3. HIV sero-positivity (%) among tested	1.38
4. Spouse/sexual partner testing of HIV positive people identified	451
5. HIV- TB cross-referral	4,993
5.1 In referral from NTEP	3,218
5.1.1 HIV sero-positive (%)	6.71
5.2. ICTC clients referred to NTEP	1,775

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	12
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	8
4. Care Support Centres	3

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	1,103
2. New PLHIV Registered at ART center	1,180
2.1 Initiated on ART	1,076
3. PLHIV alive and on ART	10,447
4. 12 months retention on ART (%)	75
5. Lost to follow-up cases	2,425
6. Among all PLHIV attendees, % screened for TB	97

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	6,651
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	2
4.1 Accredited SRL	2
5. CD4 testing conducted	6,978
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	53.33
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	30,010
2. HIV testing among PW	16,586
2.1. Stand-alone	6,291
2.2. Facility integrated (Govt)	3,790
2.3. Facility integrated (PPP)	3,654
2.4. CBS	2,851
3. HIV sero-positivity (%) among tested	0.97
4. HIV Positive (old + new detections)	199
4.1 On life-long ART	110
5. Live births among HIV positive PW	220
5.1 Babies given ARV Drug (%)	84
5.2 Babies tested for HIV (6 weeks- 6 months)	138
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	107
6.2 HIV positive babies at 18 months	7
6.3 HIV positive babies initiated on ART	4

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

ODISHA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.15	0.13	0.14
2. Estimated people living with HIV	26,519	22,794	49,313
3. Estimated children living with HIV	1,231	1,182	2,414
4. Annual New HIV infections	1,071	1,058	2,129
5. Annual AIDS related deaths (ARD)	673	549	1,222
6. Change in annual new HIV infections since 2010 (%)	-43	-36	-40
7. Change in annual ARD since 2010 (%)	-54	-54	-54
8. EMTCT need	-	476	476

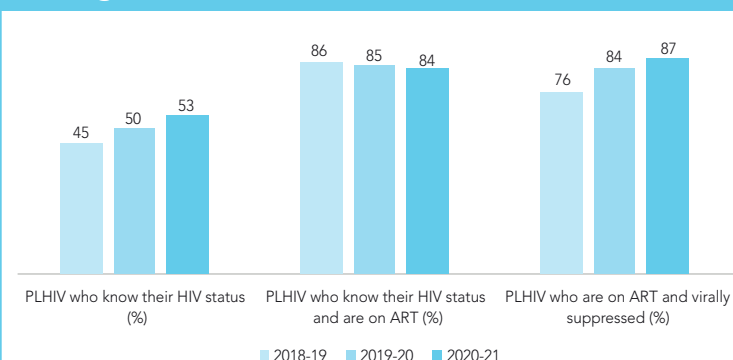
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	12,031	60.6	72	0.51
2. Men who have sex with men	4,230	31.5	67.8	0.8
3. Injecting Drug Users	2,564	63.9	87.3	3.4
4. Hijra/Transgender People	7,854	70.7	-	1.79
5. Migrants	92,000	-	-	1.6
6. Truckers	15,607	-	-	0.8
7. Prison inmates	82,440	34.4	0	0.70

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	32.8	20.2	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	32.6	21	25.7
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	79.8	79.2	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	74.7	72.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	2.1	0.2	1
5.1 Condom use during last higher-risk intercourse (%)	29.5	-	29.2
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	18.5	0.8	4.2
6.1 Condom use during last higher-risk intercourse (%)	41.6	-	36.8

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	49,313
2. PLHIV who know their HIV Status	25,903
3. PLHIV who know their HIV status and are on ART	21,756
4. PLHIV who are on ART and tested for their viral load	5,826
5. PLHIV who are virally suppressed	5,046

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	90
2. Colleges with operational Red Ribbon Clubs (RRC)	640
3. Persons trained under mainstreaming	213
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	40
2. Clients managed	2,12,151
3. RPR Tests conducted	1,07,590
4. Syphilis seropositivity (%)	0.72

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	58
2. Blood units collection (in lakh)	2,98,396
3. Voluntary blood collection (%)	76.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	48
2. OST centres	4
3. Employer Led Model Interventions	25

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	12,031
2. Coverage (%)	>=95
3. Condoms distributed	23,11,858
4. Tested for HIV (April 2020 - September 2020)	9,146
4.1. HIV sero-positive (%)	0.05
4.1.1. Linked to ART	4
5. Tested for HIV (October 2020 - March 2021)	11,109
5.1. HIV sero-positive (%)	0.03
5.1.1. Linked to ART	3
6. Clinic Visits	37,257
7. STI/RTI treated	1,218
8. Presumptive treatment	2,108

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	4,230
2. Coverage (%)	>=95
3. Condoms distributed	5,37,133
4. Tested for HIV (April 2020 - September 2020)	2,172
4.1. HIV sero-positive (%)	0.09
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	2,526
5.1. HIV sero-positive (%)	0.12
5.1.1. Linked to ART	2
6. Clinic Visits	9,064
7. STI/RTI treated	220
8. Presumptive treatment	485

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	2,564
2. Coverage (%)	>=95
3. Needles distributed	3,27,388
4. Syringes distributed	5,27,997
5. On OST	302
6. Tested for HIV (April 2020 - September 2020)	2,114
6.1. HIV sero-positive (%)	0.19
6.1.1. Linked to ART	4
7. Tested for HIV (October 2020 - March 2021)	2,549
7.1. HIV sero-positive (%)	0.12
7.1.1. Linked to ART	3

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	7,854
2. Coverage (%)	46
3. Condoms distributed	7,61,373
4. Tested for HIV (April 2020 - September 2020)	1,772
4.1. HIV sero-positive (%)	1.30
4.1.1. Linked to ART	22
5. Tested for HIV (October 2020 - March 2021)	2,464
5.1. HIV sero-positive (%)	0.45
5.1.1. Put on ART	12
6. Clinic Visits	8,969
7. STI / RTI treated	326
8. Presumptive treatment	435

F. Migrants

Indicator	2020-21
1. Estimated size	92,000
2. Coverage (%)	36
3. Tested for HIV	29,136
3.1. HIV sero-positive (%)	0.04
3.2. Linked to ART	11

G. Truckers

Indicator	2020-21
1. Estimated size	15,607
2. Coverage (%)	96
3. Tested for HIV	3,863
3.1. HIV sero-positive (%)	0.16
3.2. On ART	6

H. Prison Inmates

Indicator	2020-21
1. Total prisons	91
2. Prisons covered under programme	55
3. Total inmates admitted	84,958
4. Inmates Covered(%)	>=95
5. Tested for HIV	8,290
5.1. HIV sero-positive (%)	0.31
5.2. On ART (%)	92.31

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	6
2. Vulnerable population covered	1,11,618
3. Tested for HIV	50,755
3.1. HIV sero-positive (%)	0.15
3.2. Linked to ART (%)	84.62

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	564
1.1. Stand-alone	218
1.2. Facility integrated (Govt)	209
1.3. Facility integrated (PPP)	83
1.4. CBS	54

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	7,68,636
1.1. Stand-alone	6,10,491
1.2. Facility integrated (Govt)	1,29,234
1.3. Facility integrated (PPP)	18,392
1.4. CBS	10,519
2. Found HIV Positive among tested	2,047
3. HIV sero-positivity (%) among tested	0.27
4. Spouse/sexual partner testing of HIV positive people identified	1,297
5. HIV- TB cross-referral	1,05,180
5.1 In referral from NTEP	45,147
5.1.1 HIV sero-positive (%)	1.30
5.2. ICTC clients referred to NTEP	60,033

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	15
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	19
4. Care Support Centres	12

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	2,047
2. New PLHIV Registered at ART center	1,958
2.1 Initiated on ART	1,835
3. PLHIV alive and on ART	21,756
4. 12 months retention on ART (%)	75
5. Lost to follow-up cases	3,114
6. Among all PLHIV attendees, % screened for TB	90

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	6,676
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	0
4. State reference laboratories (SRL)	3
4.1 Accredited SRL	0
5. CD4 testing conducted	14,675
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	94.74
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	9,31,850
2. HIV testing among PW	7,21,014
2.1. Stand-alone	3,29,721
2.2. Facility integrated (Govt)	2,83,509
2.3. Facility integrated (PPP)	62,671
2.4. CBS	45,113
3. HIV sero-positivity (%) among tested	0.03
4. HIV Positive (old + new detections)	263
4.1 On life-long ART	241
5. Live births among HIV positive PW	272
5.1 Babies given ARV Drug (%)	52
5.2 Babies tested for HIV (6 weeks- 6 months)	221
5.3 Babies found HIV Positive (6 weeks- 6 months)	1
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	234
6.2 HIV positive babies at 18 months	24
6.3 HIV positive babies initiated on ART	22

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

PUDUCHERRY

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.31	0.29	0.30
2. Estimated people living with HIV	2,591	1,747	4,338
3. Estimated children living with HIV	86	60	146
4. Annual New HIV infections	116	72	188
5. Annual AIDS related deaths (ARD)	172	72	244
6. Change in annual new HIV infections since 2010 (%)	-45	-60	-52
7. Change in annual ARD since 2010 (%)	514	177	352
8. EMTCT need	-	27	27

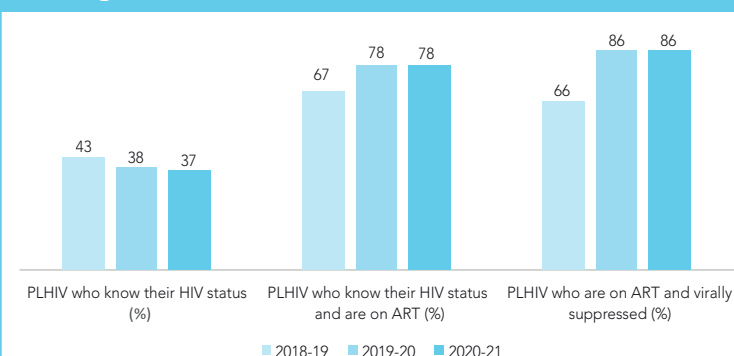
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	2,238	68.8	0	0.27
2. Men who have sex with men	2,353	85.9	0	0.2
3. Injecting Drug Users	-	-	-	-
4. Hijra/Transgender People	103	-	-	-
5. Migrants	15,000	-	-	-
6. Truckers	-	-	-	-
7. Prison inmates	2,378	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	-	-	-
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	-	-	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	-	-	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	-	-	-
5.1 Condom use during last higher-risk intercourse (%)	-	-	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	-	-	-
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	4,338
2. PLHIV who know their HIV Status	1,613
3. PLHIV who know their HIV status and are on ART	1,252
4. PLHIV who are on ART and tested for their viral load	824
5. PLHIV who are virally suppressed	708

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	250
2. Colleges with operational Red Ribbon Clubs (RRC)	71
3. Persons trained under mainstreaming	1,683
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	5
2. Clients managed	22,206
3. RPR Tests conducted	18,172
4. Syphilis seropositivity (%)	0.40

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	5
2. Blood units collection (in lakh)	17,103
3. Voluntary blood collection (%)	43.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	5
2. OST centres	-
3. Employer Led Model Interventions	9

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	2,238
2. Coverage (%)	>=95
3. Condoms distributed	4,23,017
4. Tested for HIV (April 2020 - September 2020)	936
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	2,469
5.1. HIV sero-positive (%)	0.00
5.1.1. Linked to ART	0
6. Clinic Visits	3,938
7. STI/RTI treated	40
8. Presumptive treatment	632

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	2,353
2. Coverage (%)	>=95
3. Condoms distributed	3,72,566
4. Tested for HIV (April 2020 - September 2020)	1,848
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	2,283
5.1. HIV sero-positive (%)	0.04
5.1.1. Linked to ART	1
6. Clinic Visits	5,803
7. STI/RTI treated	22
8. Presumptive treatment	480

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Needles distributed	-
4. Syringes distributed	-
5. On OST	-
6. Tested for HIV (April 2020 - September 2020)	-
6.1. HIV sero-positive (%)	-
6.1.1. Linked to ART	-
7. Tested for HIV (October 2020 - March 2021)	-
7.1. HIV sero-positive (%)	-
7.1.1. Linked to ART	-

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	103
2. Coverage (%)	>=95
3. Condoms distributed	24,571
4. Tested for HIV (April 2020 - September 2020)	86
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	157
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	350
7. STI / RTI treated	1
8. Presumptive treatment	39

F. Migrants

Indicator	2020-21
1. Estimated size	15,000
2. Coverage (%)	47
3. Tested for HIV	6,760
3.1. HIV sero-positive (%)	0.04
3.2. Linked to ART	3

G. Truckers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	4
2. Prisons covered under programme	3
3. Total inmates admitted	1,658
4. Inmates Covered(%)	30.4
5. Tested for HIV	273
5.1. HIV sero-positive (%)	0.00
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	81
1.1. Stand-alone	12
1.2. Facility integrated (Govt)	48
1.3. Facility integrated (PPP)	16
1.4. CBS	5

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	70,716
1.1. Stand-alone	35,475
1.2. Facility integrated (Govt)	8,904
1.3. Facility integrated (PPP)	16,141
1.4. CBS	10,196
2. Found HIV Positive among tested	118
3. HIV sero-positivity (%) among tested	0.17
4. Spouse/sexual partner testing of HIV positive people identified	66
5. HIV- TB cross-referral	2,205
5.1 In referral from NTEP	1,221
5.1.1 HIV sero-positive (%)	2.05
5.2. ICTC clients referred to NTEP	984

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	1
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	1
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	118
2. New PLHIV Registered at ART center	61
2.1 Initiated on ART	59
3. PLHIV alive and on ART	1,252
4. 12 months retention on ART (%)	58
5. Lost to follow-up cases	72
6. Among all PLHIV attendees, % screened for TB	77

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	875
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	797
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	100.00
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	22,820
2. HIV testing among PW	27,992
2.1. Stand-alone	8,039
2.2. Facility integrated (Govt)	8,460
2.3. Facility integrated (PPP)	11,493
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.01
4. HIV Positive (old + new detections)	5
4.1 On life-long ART	3
5. Live births among HIV positive PW	3
5.1 Babies given ARV Drug (%)	67
5.2 Babies tested for HIV (6 weeks- 6 months)	4
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	5
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

PUNJAB

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.31	0.22	0.27
2. Estimated people living with HIV	40,011	25,067	65,078
3. Estimated children living with HIV	1,009	784	1,793
4. Annual New HIV infections	810	538	1,348
5. Annual AIDS related deaths (ARD)	248	182	430
6. Change in annual new HIV infections since 2010 (%)	-64	-62	-63
7. Change in annual ARD since 2010 (%)	-92	-88	-91
8. EMTCT need	-	470	470

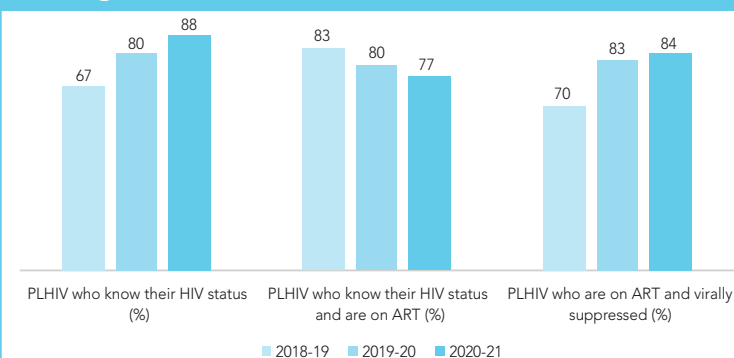
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	25,645	71.9	56.5	2
2. Men who have sex with men	5,862	55.1	14.6	4.67
3. Injecting Drug Users	22,961	64.6	86.7	12.09
4. Hijra/Transgender People	4,182	-	-	-
5. Migrants	1,31,850	-	-	0.4
6. Truckers	-	-	-	0.4
7. Prison inmates	75,276	60	44.8	6.70

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	62.3	49.3	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	58.7	48.4	53.7
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	93	86.5	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	86.1	82.5	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	13.2	1.3	7.2
5.1 Condom use during last higher-risk intercourse (%)	34.5	15.1	32.8
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	56.2	4	27.4
6.1 Condom use during last higher-risk intercourse (%)	39.4	-	37.3

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	65,078
2. PLHIV who know their HIV Status	57,172
3. PLHIV who know their HIV status and are on ART	44,141
4. PLHIV who are on ART and tested for their viral load	26,910
5. PLHIV who are virally suppressed	22,486

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	5,057
2. Colleges with operational Red Ribbon Clubs (RRC)	600
3. Persons trained under mainstreaming	2,457
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	31
2. Clients managed	1,82,699
3. RPR Tests conducted	1,35,668
4. Syphilis seropositivity (%)	0.27

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	43
2. Blood units collection (in lakh)	1,74,593
3. Voluntary blood collection (%)	96.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	65
2. OST centres	35
3. Employer Led Model Interventions	56

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	25,645
2. Coverage (%)	78
3. Condoms distributed	34,50,606
4. Tested for HIV (April 2020 - September 2020)	11,390
4.1. HIV sero-positive (%)	0.22
4.1.1. Linked to ART	21
5. Tested for HIV (October 2020 - March 2021)	13,115
5.1. HIV sero-positive (%)	0.37
5.1.1. Linked to ART	36
6. Clinic Visits	42,273
7. STI/RTI treated	1,074
8. Presumptive treatment	2,410

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	5,862
2. Coverage (%)	74
3. Condoms distributed	8,60,849
4. Tested for HIV (April 2020 - September 2020)	3,385
4.1. HIV sero-positive (%)	0.80
4.1.1. Linked to ART	24
5. Tested for HIV (October 2020 - March 2021)	3,805
5.1. HIV sero-positive (%)	0.76
5.1.1. Linked to ART	27
6. Clinic Visits	13,046
7. STI/RTI treated	164
8. Presumptive treatment	782

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	22,961
2. Coverage (%)	77
3. Needles distributed	28,87,855
4. Syringes distributed	19,00,089
5. On OST	10,900
6. Tested for HIV (April 2020 - September 2020)	12,215
6.1. HIV sero-positive (%)	2.11
6.1.1. Linked to ART	198
7. Tested for HIV (October 2020 - March 2021)	13,553
7.1. HIV sero-positive (%)	1.55
7.1.1. Linked to ART	162

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	4,182
2. Coverage (%)	16
3. Condoms distributed	1,65,584
4. Tested for HIV (April 2020 - September 2020)	449
4.1. HIV sero-positive (%)	1.34
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	455
5.1. HIV sero-positive (%)	0.88
5.1.1. Put on ART	4
6. Clinic Visits	1,677
7. STI / RTI treated	8
8. Presumptive treatment	56

F. Migrants

Indicator	2020-21
1. Estimated size	1,31,850
2. Coverage (%)	94
3. Tested for HIV	20,190
3.1. HIV sero-positive (%)	0.21
3.2. Linked to ART	37

G. Truckers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	5,335
3.1. HIV sero-positive (%)	0.02
3.2. On ART	1

H. Prison Inmates

Indicator	2020-21
1. Total prisons	24
2. Prisons covered under programme	9
3. Total inmates admitted	91,538
4. Inmates Covered(%)	19.1
5. Tested for HIV	15,814
5.1. HIV sero-positive (%)	3.14
5.2. On ART (%)	87.59

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	7
2. Vulnerable population covered	7,942
3. Tested for HIV	4,907
3.1. HIV sero-positive (%)	3.08
3.2. Linked to ART (%)	94.04

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	844
1.1. Stand-alone	115
1.2. Facility integrated (Govt)	373
1.3. Facility integrated (PPP)	266
1.4. CBS	90

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	6,66,555
1.1. Stand-alone	4,51,586
1.2. Facility integrated (Govt)	56,001
1.3. Facility integrated (PPP)	1,19,657
1.4. CBS	39,311
2. Found HIV Positive among tested	6,880
3. HIV sero-positivity (%) among tested	1.03
4. Spouse/sexual partner testing of HIV positive people identified	2,083
5. HIV- TB cross-referral	61,640
5.1 In referral from NTEP	43,598
5.1.1 HIV sero-positive (%)	2.17
5.2. ICTC clients referred to NTEP	18,042

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	19
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	12
4. Care Support Centres	8

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	6,880
2. New PLHIV Registered at ART center	6,873
2.1 Initiated on ART	6,647
3. PLHIV alive and on ART	44,141
4. 12 months retention on ART (%)	76
5. Lost to follow-up cases	11,208
6. Among all PLHIV attendees, % screened for TB	96

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	1
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	27,977
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	2
4.1 Accredited SRL	2
5. CD4 testing conducted	37,686
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	74.63
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	4,90,060
2. HIV testing among PW	3,85,570
2.1. Stand-alone	2,30,460
2.2. Facility integrated (Govt)	93,870
2.3. Facility integrated (PPP)	60,268
2.4. CBS	972
3. HIV sero-positivity (%) among tested	0.10
4. HIV Positive (old + new detections)	622
4.1 On life-long ART	535
5. Live births among HIV positive PW	403
5.1 Babies given ARV Drug (%)	71
5.2 Babies tested for HIV (6 weeks- 6 months)	344
5.3 Babies found HIV Positive (6 weeks- 6 months)	2
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	209
6.2 HIV positive babies at 18 months	4
6.3 HIV positive babies initiated on ART	2

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	Yes



FACT SHEET

RAJASTHAN

RAJASTHAN

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.13	0.08	0.11
2. Estimated people living with HIV	38,613	23,482	62,095
3. Estimated children living with HIV	1,513	1,326	2,839
4. Annual New HIV infections	1,062	682	1,744
5. Annual AIDS related deaths (ARD)	210	74	284
6. Change in annual new HIV infections since 2010 (%)	-64	-60	-62
7. Change in annual ARD since 2010 (%)	-65	-72	-67
8. EMTCT need	-	842	842

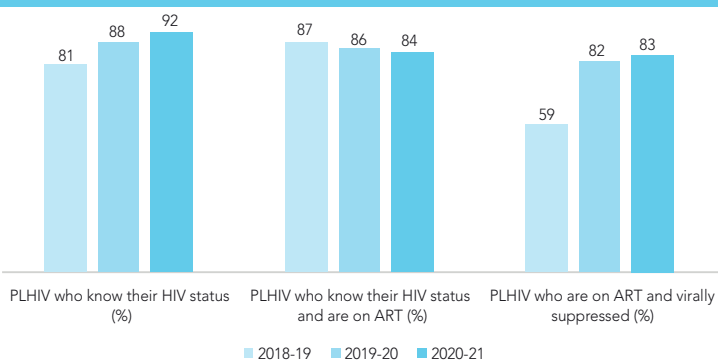
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	27,530	62.6	40.7	1.4
2. Men who have sex with men	12,088	32.7	18.6	4.8
3. Injecting Drug Users	1,954	38.7	92.2	-
4. Hijra/Transgender People	1,847	-	-	2.8
5. Migrants	1,10,000	-	-	0.8
6. Truckers	38,340	-	-	0.4
7. Prison inmates	1,18,516	50	7.7	0.50

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	37.4	39.1	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	36.2	20.9	28
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	88.1	80	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	79.9	76.3	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	6	0.3	2.8
5.1 Condom use during last higher-risk intercourse (%)	34.8	-	33.7
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	28	0.8	9.9
6.1 Condom use during last higher-risk intercourse (%)	38.2	-	36.6

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	62,095
2. PLHIV who know their HIV Status	57,119
3. PLHIV who know their HIV status and are on ART	48,176
4. PLHIV who are on ART and tested for their viral load	21,197
5. PLHIV who are virally suppressed	17,651

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	285
2. Colleges with operational Red Ribbon Clubs (RRC)	645
3. Persons trained under mainstreaming	2,911
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	53
2. Clients managed	2,33,467
3. RPR Tests conducted	1,04,375
4. Syphilis seropositivity (%)	0.41

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	51
2. Blood units collection (in lakh)	3,71,431
3. Voluntary blood collection (%)	58.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	33
2. OST centres	2
3. Employer Led Model Interventions	27

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	27,530
2. Coverage (%)	55
3. Condoms distributed	33,08,328
4. Tested for HIV (April 2020 - September 2020)	10,235
4.1. HIV sero-positive (%)	0.07
4.1.1. Linked to ART	7
5. Tested for HIV (October 2020 - March 2021)	11,737
5.1. HIV sero-positive (%)	0.07
5.1.1. Linked to ART	5
6. Clinic Visits	36,574
7. STI/RTI treated	852
8. Presumptive treatment	1,444

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	12,088
2. Coverage (%)	50
3. Condoms distributed	9,78,156
4. Tested for HIV (April 2020 - September 2020)	3,646
4.1. HIV sero-positive (%)	0.27
4.1.1. Linked to ART	10
5. Tested for HIV (October 2020 - March 2021)	4,767
5.1. HIV sero-positive (%)	0.23
5.1.1. Linked to ART	9
6. Clinic Visits	14,472
7. STI/RTI treated	210
8. Presumptive treatment	555

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,954
2. Coverage (%)	75
3. Needles distributed	4,34,179
4. Syringes distributed	2,62,952
5. On OST	187
6. Tested for HIV (April 2020 - September 2020)	918
6.1. HIV sero-positive (%)	0.33
6.1.1. Linked to ART	3
7. Tested for HIV (October 2020 - March 2021)	1,219
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	1,847
2. Coverage (%)	47
3. Condoms distributed	87,110
4. Tested for HIV (April 2020 - September 2020)	534
4.1. HIV sero-positive (%)	0.37
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	562
5.1. HIV sero-positive (%)	0.36
5.1.1. Put on ART	1
6. Clinic Visits	1,693
7. STI / RTI treated	39
8. Presumptive treatment	141

F. Migrants

Indicator	2020-21
1. Estimated size	1,10,000
2. Coverage (%)	>=95
3. Tested for HIV	13,937
3.1. HIV sero-positive (%)	0.07
3.2. Linked to ART	10

G. Truckers

Indicator	2020-21
1. Estimated size	38,340
2. Coverage (%)	52
3. Tested for HIV	3,662
3.1. HIV sero-positive (%)	0.11
3.2. On ART	3

H. Prison Inmates

Indicator	2020-21
1. Total prisons	144
2. Prisons covered under programme	127
3. Total inmates admitted	1,34,421
4. Inmates Covered(%)	15.2
5. Tested for HIV	32,361
5.1. HIV sero-positive (%)	0.29
5.2. On ART (%)	86.17

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	2,621
1.1. Stand-alone	184
1.2. Facility integrated (Govt)	2,212
1.3. Facility integrated (PPP)	157
1.4. CBS	68

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	10,46,485
1.1. Stand-alone	5,10,913
1.2. Facility integrated (Govt)	2,49,734
1.3. Facility integrated (PPP)	2,29,378
1.4. CBS	56,460
2. Found HIV Positive among tested	4,211
3. HIV sero-positivity (%) among tested	0.40
4. Spouse/sexual partner testing of HIV positive people identified	1,962
5. HIV- TB cross-referral	1,51,433
5.1 In referral from NTEP	1,26,132
5.1.1 HIV sero-positive (%)	1.02
5.2. ICTC clients referred to NTEP	25,301

6. Initiation and retention on ART of HIV \ infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	35
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	25
4. Care Support Centres	17

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	4,211
2. New PLHIV Registered at ART center	4,404
2.1 Initiated on ART	4,245
3. PLHIV alive and on ART	48,176
4. 12 months retention on ART (%)	71
5. Lost to follow-up cases	5,651
6. Among all PLHIV attendees, % screened for TB	94

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	3
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	32,958
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	6
4.1 Accredited SRL	3
5. CD4 testing conducted	49,220
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	83.19
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	20,66,780
2. HIV testing among PW	14,64,015
2.1. Stand-alone	4,12,397
2.2. Facility integrated (Govt)	7,08,515
2.3. Facility integrated (PPP)	3,24,894
2.4. CBS	18,209
3. HIV sero-positivity (%) among tested	0.02
4. HIV Positive (old + new detections)	610
4.1 On life-long ART	617
5. Live births among HIV positive PW	563
5.1 Babies given ARV Drug (%)	93
5.2 Babies tested for HIV (6 weeks- 6 months)	602
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	500
6.2 HIV positive babies at 18 months	23
6.3 HIV positive babies initiated on ART	17

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	Yes
2. State designated/appointed ombudsman	No



FACT SHEET

SIKKIM

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.08	0.06	0.07
2. Estimated people living with HIV	224	142	366
3. Estimated children living with HIV	7	7	14
4. Annual New HIV infections	10	7	17
5. Annual AIDS related deaths (ARD)	1	1	2
6. Change in annual new HIV infections since 2010 (%)	-38	-30	-35
7. Change in annual ARD since 2010 (%)	-50	0	-33
8. EMTCT need	-	4	4

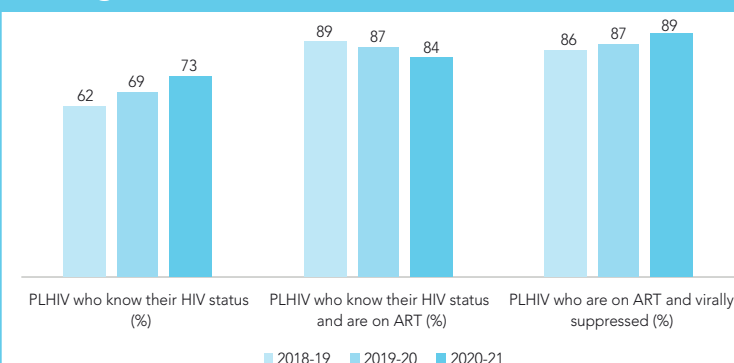
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	850	-	-	0.46
2. Men who have sex with men	128	-	-	-
3. Injecting Drug Users	1,450	28.6	89.7	0
4. Hijra/Transgender People	-	-	-	-
5. Migrants	-	-	-	-
6. Truckers	-	-	-	-
7. Prison inmates	944	-	-	-

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	36.1	25.5	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	36.6	28.9	32.2
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	48.5	61.5	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	81.4	80.2	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	13.5	0.1	6.7
5.1 Condom use during last higher-risk intercourse (%)	71.8	-	72
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	61.1	1	29.9
6.1 Condom use during last higher-risk intercourse (%)	71.2	-	71.7

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	366
2. PLHIV who know their HIV Status	269
3. PLHIV who know their HIV status and are on ART	226
4. PLHIV who are on ART and tested for their viral load	72
5. PLHIV who are virally suppressed	64

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	100
2. Colleges with operational Red Ribbon Clubs (RRC)	120
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	6
2. Clients managed	5,594
3. RPR Tests conducted	1,067
4. Syphilis seropositivity (%)	2.81

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	2
2. Blood units collection (in lakh)	3,599
3. Voluntary blood collection (%)	72.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	6
2. OST centres	4
3. Employer Led Model Interventions	-

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	850
2. Coverage (%)	>=95
3. Condoms distributed	1,67,745
4. Tested for HIV (April 2020 - September 2020)	516
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	804
5.1. HIV sero-positive (%)	0.00
5.1.1. Linked to ART	0
6. Clinic Visits	2,335
7. STI/RTI treated	59
8. Presumptive treatment	125

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	128
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Linked to ART	-
6. Clinic Visits	-
7. STI/RTI treated	-
8. Presumptive treatment	-

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,450
2. Coverage (%)	>=95
3. Needles distributed	4,02,247
4. Syringes distributed	4,02,247
5. On OST	922
6. Tested for HIV (April 2020 - September 2020)	810
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	1,082
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART	-

G. Truckers

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. On ART	-

H. Prison Inmates

Indicator	2020-21
1. Total prisons	2
2. Prisons covered under programme	2
3. Total inmates admitted	888
4. Inmates Covered(%)	40.5
5. Tested for HIV	225
5.1. HIV sero-positive (%)	0.44
5.2. On ART (%)	100.00

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	45
1.1. Stand-alone	13
1.2. Facility integrated (Govt)	26
1.3. Facility integrated (PPP)	-
1.4. CBS	6

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	18,387
1.1. Stand-alone	13,493
1.2. Facility integrated (Govt)	3,532
1.3. Facility integrated (PPP)	-
1.4. CBS	1,362
2. Found HIV Positive among tested	30
3. HIV sero-positivity (%) among tested	0.16
4. Spouse/sexual partner testing of HIV positive people identified	18
5. HIV- TB cross-referral	1,352
5.1 In referral from NTEP	1,273
5.1.1 HIV sero-positive (%)	0.79
5.2. ICTC clients referred to NTEP	79

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	1
2. Centre of Excellence	-
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	1
4. Care Support Centres	-

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	30
2. New PLHIV Registered at ART center	27
2.1 Initiated on ART	26
3. PLHIV alive and on ART	226
4. 12 months retention on ART (%)	92
5. Lost to follow-up cases	18
6. Among all PLHIV attendees, % screened for TB	100

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	105
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	259
6. External Quality Assessment of ICTC	-
6.1 Average Participation (%)	100.00
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	11,700
2. HIV testing among PW	6,149
2.1. Stand-alone	3,411
2.2. Facility integrated (Govt)	2,738
2.3. Facility integrated (PPP)	-
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.05
4. HIV Positive (old + new detections)	5
4.1 On life-long ART	5
5. Live births among HIV positive PW	4
5.1 Babies given ARV Drug (%)	50
5.2 Babies tested for HIV (6 weeks- 6 months)	7
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	-
6.1 HIV exposed babies tested at 18 months	2
6.2 HIV positive babies at 18 months	0
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

TAMIL NADU

TAMIL NADU

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.24	0.21	0.23
2. Estimated people living with HIV	84,204	73,537	1,57,741
3. Estimated children living with HIV	1,581	1,490	3,071
4. Annual New HIV infections	1,321	1,097	2,418
5. Annual AIDS related deaths (ARD)	834	316	1,150
6. Change in annual new HIV infections since 2010 (%)	-50	-50	-50
7. Change in annual ARD since 2010 (%)	-88	-93	-90
8. EMTCT need	-	937	937

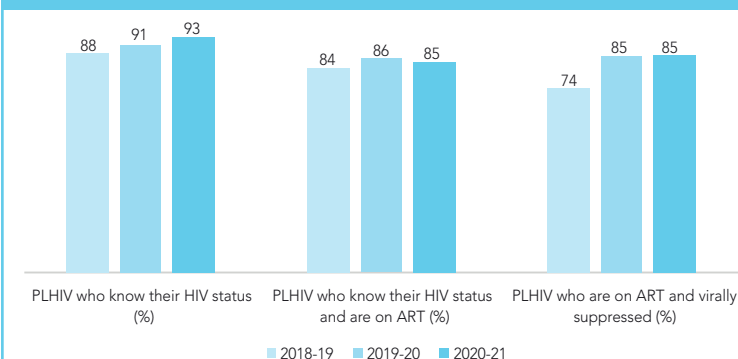
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	70,892	88.8	17.3	1.47
2. Men who have sex with men	40,883	59.5	21.2	1.02
3. Injecting Drug Users	2,777	-	-	-
4. Hijra/Transgender People	5,147	52.3	-	0.4
5. Migrants	1,95,127	-	-	0.2
6. Truckers	47,000	-	-	1
7. Prison inmates	63,039	84.6	16.7	0.40

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	10.9	16	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	10.3	18.1	14.7
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	68.6	66.1	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	69.4	62.9	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	4.9	0.2	2.2
5.1 Condom use during last higher-risk intercourse (%)	42.3	-	40
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	33.8	0.2	4.7
6.1 Condom use during last higher-risk intercourse (%)	42	-	40.5

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	1,57,741
2. PLHIV who know their HIV Status	1,46,318
3. PLHIV who know their HIV status and are on ART	1,24,640
4. PLHIV who are on ART and tested for their viral load	71,473
5. PLHIV who are virally suppressed	60,450

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	9,580
2. Colleges with operational Red Ribbon Clubs (RRC)	2,229
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	157
2. Clients managed	3,94,003
3. RPR Tests conducted	3,47,210
4. Syphilis seropositivity (%)	0.25

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	95
2. Blood units collection (in lakh)	3,17,060
3. Voluntary blood collection (%)	99.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	85
2. OST centres	1
3. Employer Led Model Interventions	89

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	70,892
2. Coverage (%)	94
3. Condoms distributed	46,18,305
4. Tested for HIV (April 2020 - September 2020)	23,320
4.1. HIV sero-positive (%)	0.03
4.1.1. Linked to ART	4
5. Tested for HIV (October 2020 - March 2021)	41,543
5.1. HIV sero-positive (%)	0.02
5.1.1. Linked to ART	5
6. Clinic Visits	48,826
7. STI/RTI treated	416
8. Presumptive treatment	11,479

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	40,883
2. Coverage (%)	>=95
3. Condoms distributed	31,74,003
4. Tested for HIV (April 2020 - September 2020)	14,186
4.1. HIV sero-positive (%)	0.11
4.1.1. Linked to ART	14
5. Tested for HIV (October 2020 - March 2021)	28,348
5.1. HIV sero-positive (%)	0.11
5.1.1. Linked to ART	29
6. Clinic Visits	32,426
7. STI/RTI treated	151
8. Presumptive treatment	5,340

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	2,777
2. Coverage (%)	24
3. Needles distributed	9,870
4. Syringes distributed	9,870
5. On OST	45
6. Tested for HIV (April 2020 - September 2020)	115
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	150
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	5,147
2. Coverage (%)	>=95
3. Condoms distributed	6,77,238
4. Tested for HIV (April 2020 - September 2020)	2,736
4.1. HIV sero-positive (%)	0.29
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	5,286
5.1. HIV sero-positive (%)	0.25
5.1.1. Put on ART	13
6. Clinic Visits	5,294
7. STI / RTI treated	10
8. Presumptive treatment	1,105

F. Migrants

Indicator	2020-21
1. Estimated size	1,95,127
2. Coverage (%)	18
3. Tested for HIV	18,925
3.1. HIV sero-positive (%)	0.02
3.2. Linked to ART	6

G. Truckers

Indicator	2020-21
1. Estimated size	47,000
2. Coverage (%)	85
3. Tested for HIV	7,852
3.1. HIV sero-positive (%)	0.09
3.2. On ART	5

H. Prison Inmates

Indicator	2020-21
1. Total prisons	141
2. Prisons covered under programme	128
3. Total inmates admitted	82,866
4. Inmates Covered(%)	43.1
5. Tested for HIV	35,684
5.1. HIV sero-positive (%)	0.15
5.2. On ART (%)	94.55

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	15
2. Vulnerable population covered	1,86,449
3. Tested for HIV	1,06,344
3.1. HIV sero-positive (%)	0.06
3.2. Linked to ART (%)	94.20

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	2,994
1.1. Stand-alone	807
1.2. Facility integrated (Govt)	1,882
1.3. Facility integrated (PPP)	209
1.4. CBS	96

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	23,83,940
1.1. Stand-alone	18,09,107
1.2. Facility integrated (Govt)	3,88,319
1.3. Facility integrated (PPP)	69,768
1.4. CBS	1,16,746
2. Found HIV Positive among tested	5,083
3. HIV sero-positivity (%) among tested	0.21
4. Spouse/sexual partner testing of HIV positive people identified	2,421
5. HIV- TB cross-referral	1,85,817
5.1 In referral from NTEP	65,284
5.1.1 HIV sero-positive (%)	3.56
5.2. ICTC clients referred to NTEP	1,20,533

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	55
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	174
4. Care Support Centres	31

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	5,083
2. New PLHIV Registered at ART center	5,329
2.1 Initiated on ART	4,826
3. PLHIV alive and on ART	1,24,640
4. 12 months retention on ART (%)	66
5. Lost to follow-up cases	6,297
6. Among all PLHIV attendees, % screened for TB	94

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	7
1.1 Accredited Viral load laboratories	2
2. Viral load testing conducted	80,420
3. National reference laboratories (NRL)	3
3.1 Accredited NRL	3
4. State reference laboratories (SRL)	12
4.1 Accredited SRL	4
5. CD4 testing conducted	1,23,814
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	92.16
6.2 Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	12,07,260
2. HIV testing among PW	12,38,308
2.1. Stand-alone	4,11,599
2.2. Facility integrated (Govt)	4,56,026
2.3. Facility integrated (PPP)	3,70,683
2.4. CBS	-
3. HIV sero-positivity (%) among tested	0.03
4. HIV Positive (old + new detections)	823
4.1 On life-long ART	826
5. Live births among HIV positive PW	508
5.1 Babies given ARV Drug (%)	92
5.2 Babies tested for HIV (6 weeks- 6 months)	548
5.3 Babies found HIV Positive (6 weeks- 6 months)	9
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	468
6.2 HIV positive babies at 18 months	8
6.3 HIV positive babies initiated on ART	8

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

TELANGANA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.52	0.44	0.48
2. Estimated people living with HIV	85,315	73,100	1,58,416
3. Estimated children living with HIV	1,999	1,850	3,849
4. Annual New HIV infections	1,444	1,115	2,559
5. Annual AIDS related deaths (ARD)	1,142	381	1,523
6. Change in annual new HIV infections since 2010 (%)	-57	-57	-57
7. Change in annual ARD since 2010 (%)	-88	-94	-90
8. EMTCT need	-	1,172	1,172

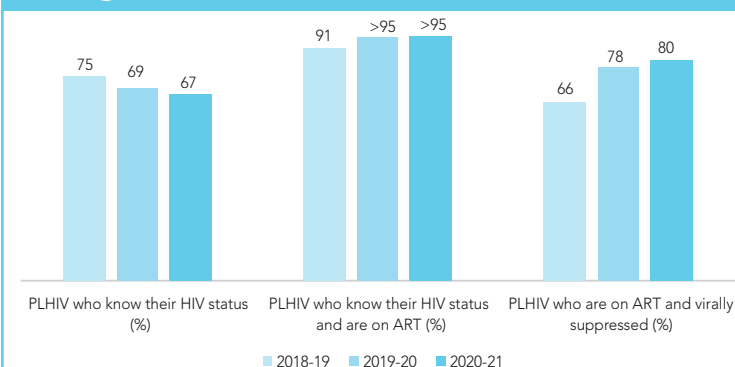
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	1,01,696	-	-	3.54
2. Men who have sex with men	14,215	-	-	3.1
3. Injecting Drug Users	1,035	-	-	0.8
4. Hijra/Transgender People	2,124	80.7	-	6.47
5. Migrants	75,601	-	-	2.37
6. Truckers	47,000	-	-	0.8
7. Prison inmates	82,917	88.2	0	3.00

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	49.8	29.5	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	53.8	34.9	43.3
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	66.6	65.1	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	64.6	61.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	5.5	0.6	2.6
5.1 Condom use during last higher-risk intercourse (%)	23.9	-	28.8
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	27.2	0	5.7
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	1,58,416
2. PLHIV who know their HIV Status	1,06,383
3. PLHIV who know their HIV status and are on ART	1,12,083
4. PLHIV who are on ART and tested for their viral load	28,816
5. PLHIV who are virally suppressed	21,585

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	480
2. Colleges with operational Red Ribbon Clubs (RRC)	770
3. Persons trained under mainstreaming	0
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	50
2. Clients managed	2,72,132
3. RPR Tests conducted	1,09,401
4. Syphilis seropositivity (%)	0.58

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	43
2. Blood units collection (in lakh)	1,91,408
3. Voluntary blood collection (%)	70.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	50
2. OST centres	-
3. Employer Led Model Interventions	8

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	1,01,696
2. Coverage (%)	>=95
3. Condoms distributed	1,36,57,524
4. Tested for HIV (April 2020 - September 2020)	31,036
4.1. HIV sero-positive (%)	0.10
4.1.1. Linked to ART	30
5. Tested for HIV (October 2020 - March 2021)	67,828
5.1. HIV sero-positive (%)	0.10
5.1.1. Linked to ART	60
6. Clinic Visits	1,60,121
7. STI/RTI treated	556
8. Presumptive treatment	2,540

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	14,215
2. Coverage (%)	>=95
3. Condoms distributed	32,68,595
4. Tested for HIV (April 2020 - September 2020)	7,690
4.1. HIV sero-positive (%)	0.10
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	15,369
5.1. HIV sero-positive (%)	0.16
5.1.1. Linked to ART	23
6. Clinic Visits	37,043
7. STI/RTI treated	44
8. Presumptive treatment	369

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,035
2. Coverage (%)	>=95
3. Needles distributed	3,13,242
4. Syringes distributed	3,13,242
5. On OST	-
6. Tested for HIV (April 2020 - September 2020)	198
6.1. HIV sero-positive (%)	0.00
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	700
7.1. HIV sero-positive (%)	0.00
7.1.1. Linked to ART	0

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	2,124
2. Coverage (%)	66
3. Condoms distributed	1,90,892
4. Tested for HIV (April 2020 - September 2020)	445
4.1. HIV sero-positive (%)	0.90
4.1.1. Linked to ART	4
5. Tested for HIV (October 2020 - March 2021)	954
5.1. HIV sero-positive (%)	0.42
5.1.1. Put on ART	4
6. Clinic Visits	1,848
7. STI / RTI treated	3
8. Presumptive treatment	12

F. Migrants

Indicator	2020-21
1. Estimated size	75,601
2. Coverage (%)	>=95
3. Tested for HIV	17,878
3.1. HIV sero-positive (%)	0.07
3.2. Linked to ART	12

G. Truckers

Indicator	2020-21
1. Estimated size	47,000
2. Coverage (%)	>=95
3. Tested for HIV	3,433
3.1. HIV sero-positive (%)	0.03
3.2. On ART	1

H. Prison Inmates

Indicator	2020-21
1. Total prisons	37
2. Prisons covered under programme	32
3. Total inmates admitted	79,977
4. Inmates Covered(%)	25.2
5. Tested for HIV	13,298
5.1. HIV sero-positive (%)	0.41
5.2. On ART (%)	65.45

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	8
2. Vulnerable population covered	71,301
3. Tested for HIV	37,123
3.1. HIV sero-positive (%)	0.14
3.2. Linked to ART (%)	94.12

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	1,173
1.1. Stand-alone	179
1.2. Facility integrated (Govt)	806
1.3. Facility integrated (PPP)	130
1.4. CBS	58

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	4,60,531
1.1. Stand-alone	3,31,939
1.2. Facility integrated (Govt)	58,519
1.3. Facility integrated (PPP)	40,840
1.4. CBS	29,233
2. Found HIV Positive among tested	6,844
3. HIV sero-positivity (%) among tested	1.49
4. Spouse/sexual partner testing of HIV positive people identified	3,214
5. HIV- TB cross-referral	81,581
5.1 In referral from NTEP	59,353
5.1.1 HIV sero-positive (%)	2.90
5.2. ICTC clients referred to NTEP	22,228

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	23
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	74
4. Care Support Centres	13

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	6,844
2. New PLHIV Registered at ART center	7,125
2.1 Initiated on ART	6,875
3. PLHIV alive and on ART	1,12,083
4. 12 months retention on ART (%)	74
5. Lost to follow-up cases	20,198
6. Among all PLHIV attendees, % screened for TB	86

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	3
1.1 Accredited Viral load laboratories	1
2. Viral load testing conducted	38,312
3. National reference laboratories (NRL)	1
3.1 Accredited NRL	1
4. State reference laboratories (SRL)	3
4.1 Accredited SRL	3
5. CD4 testing conducted	34,460
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	97.02
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	6,84,980
2. HIV testing among PW	6,68,861
2.1. Stand-alone	2,37,822
2.2. Facility integrated (Govt)	1,35,240
2.3. Facility integrated (PPP)	2,95,480
2.4. CBS	319
3. HIV sero-positivity (%) among tested	0.07
4. HIV Positive (old + new detections)	673
4.1 On life-long ART	669
5. Live births among HIV positive PW	540
5.1 Babies given ARV Drug (%)	79
5.2 Babies tested for HIV (6 weeks- 6 months)	582
5.3 Babies found HIV Positive (6 weeks- 6 months)	5
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	523
6.2 HIV positive babies at 18 months	17
6.3 HIV positive babies initiated on ART	14

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

TRIPURA

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.12	0.08	0.10
2. Estimated people living with HIV	1,805	1,231	3,036
3. Estimated children living with HIV	38	36	74
4. Annual New HIV infections	239	165	404
5. Annual AIDS related deaths (ARD)	4	3	7
6. Change in annual new HIV infections since 2010 (%)	232	230	231
7. Change in annual ARD since 2010 (%)	33	-40	-13
8. EMTCT need	-	36	36

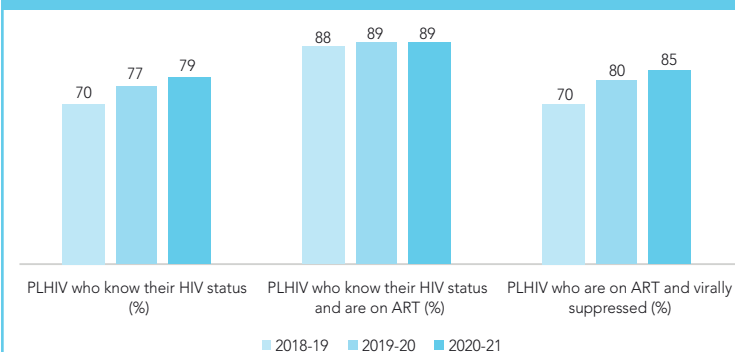
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	5,473	54.7	0	1.2
2. Men who have sex with men	205	36	100	-
3. Injecting Drug Users	573	60.9	84.2	8.55
4. Hijra/Transgender People	-	-	-	-
5. Migrants	35,800	-	-	-
6. Truckers	1,000	-	-	-
7. Prison inmates	4,558	13.3	0	0.80

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	36.8	28	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	33	26.8	29.6
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	68.6	70.7	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	76.8	64.8	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	1.9	0	0.8
5.1 Condom use during last higher-risk intercourse (%)	-	-	-
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	17	0	4.1
6.1 Condom use during last higher-risk intercourse (%)	-	-	-

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	3,036
2. PLHIV who know their HIV Status	2,397
3. PLHIV who know their HIV status and are on ART	2,125
4. PLHIV who are on ART and tested for their viral load	677
5. PLHIV who are virally suppressed	577

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	500
2. Colleges with operational Red Ribbon Clubs (RRC)	29
3. Persons trained under mainstreaming	798
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	18
2. Clients managed	37,080
3. RPR Tests conducted	33,545
4. Syphilis seropositivity (%)	0.78

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	6
2. Blood units collection (in lakh)	23,301
3. Voluntary blood collection (%)	57.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	14
2. OST centres	4
3. Employer Led Model Interventions	2

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	5,479
2. Coverage (%)	85
3. Condoms distributed	4,47,983
4. Tested for HIV (April 2020 - September 2020)	2,108
4.1. HIV sero-positive (%)	0.19
4.1.1. Linked to ART	5
5. Tested for HIV (October 2020 - March 2021)	2,487
5.1. HIV sero-positive (%)	0.08
5.1.1. Linked to ART	2
6. Clinic Visits	8,308
7. STI/RTI treated	186
8. Presumptive treatment	328

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	205
2. Coverage (%)	>=95
3. Condoms distributed	52,816
4. Tested for HIV (April 2020 - September 2020)	292
4.1. HIV sero-positive (%)	0.34
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	441
5.1. HIV sero-positive (%)	0.23
5.1.1. Linked to ART	1
6. Clinic Visits	1,218
7. STI/RTI treated	23
8. Presumptive treatment	222

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	573
2. Coverage (%)	>=95
3. Needles distributed	4,14,148
4. Syringes distributed	4,14,440
5. On OST	760
6. Tested for HIV (April 2020 - September 2020)	1,214
6.1. HIV sero-positive (%)	7.99
6.1.1. Linked to ART	67
7. Tested for HIV (October 2020 - March 2021)	2,090
7.1. HIV sero-positive (%)	9.62
7.1.1. Linked to ART	167

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	-
2. Coverage (%)	-
3. Condoms distributed	-
4. Tested for HIV (April 2020 - September 2020)	-
4.1. HIV sero-positive (%)	-
4.1.1. Linked to ART	-
5. Tested for HIV (October 2020 - March 2021)	-
5.1. HIV sero-positive (%)	-
5.1.1. Put on ART	-
6. Clinic Visits	-
7. STI / RTI treated	-
8. Presumptive treatment	-

F. Migrants

Indicator	2020-21
1. Estimated size	35,800
2. Coverage (%)	89
3. Tested for HIV	5,910
3.1. HIV sero-positive (%)	0.14
3.2. Linked to ART	8

G. Truckers

Indicator	2020-21
1. Estimated size	1,000
2. Coverage (%)	>=95
3. Tested for HIV	962
3.1. HIV sero-positive (%)	0.21
3.2. On ART	6

H. Prison Inmates

Indicator	2020-21
1. Total prisons	13
2. Prisons covered under programme	-
3. Total inmates admitted	5,341
4. Inmates Covered(%)	20.7
5. Tested for HIV	0
5.1. HIV sero-positive (%)	-
5.2. On ART (%)	-

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	2
2. Vulnerable population covered	18,925
3. Tested for HIV	15,145
3.1. HIV sero-positive (%)	0.29
3.2. Linked to ART (%)	86.36

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	190
1.1. Stand-alone	26
1.2. Facility integrated (Govt)	137
1.3. Facility integrated (PPP)	11
1.4. CBS	16

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	82,186
1.1. Stand-alone	51,527
1.2. Facility integrated (Govt)	16,799
1.3. Facility integrated (PPP)	3,972
1.4. CBS	9,888
2. Found HIV Positive among tested	503
3. HIV sero-positivity (%) among tested	0.31
4. Spouse/sexual partner testing of HIV positive people identified	75
5. HIV- TB cross-referral	5,718
5.1 In referral from NTEP	2,123
5.1.1 HIV sero-positive (%)	1.51
5.2. ICTC clients referred to NTEP	3,595

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	3
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	3
4. Care Support Centres	1

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	503
2. New PLHIV Registered at ART center	495
2.1 Initiated on ART	493
3. PLHIV alive and on ART	2,123
4. 12 months retention on ART (%)	48
5. Lost to follow-up cases	326
6. Among all PLHIV attendees, % screened for TB	95

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	745
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	0
5. CD4 testing conducted	1,443
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	100.00
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	59,660
2. HIV testing among PW	40,021
2.1. Stand-alone	8,327
2.2. Facility integrated (Govt)	21,986
2.3. Facility integrated (PPP)	9,648
2.4. CBS	60
3. HIV sero-positivity (%) among tested	0.05
4. HIV Positive (old + new detections)	54
4.1 On life-long ART	54
5. Live births among HIV positive PW	20
5.1 Babies given ARV Drug (%)	75
5.2 Babies tested for HIV (6 weeks- 6 months)	6
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	9
6.2 HIV positive babies at 18 months	3
6.3 HIV positive babies initiated on ART	3

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

UTTAR PRADESH

UTTAR PRADESH

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.12	0.07	0.10
2. Estimated people living with HIV	1,01,262	59,381	1,60,643
3. Estimated children living with HIV	4,249	3,757	8,006
4. Annual New HIV infections	3,699	1,929	5,628
5. Annual AIDS related deaths (ARD)	1,607	392	1,999
6. Change in annual new HIV infections since 2010 (%)	-53	-54	-54
7. Change in annual ARD since 2010 (%)	-65	-81	-70
8. EMTCT need	-	2,245	2,245

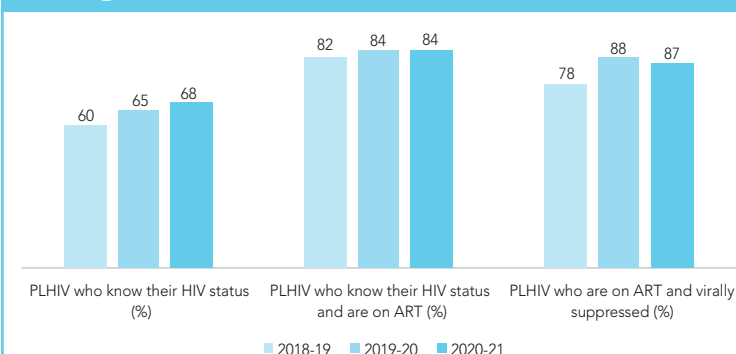
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	22,414	79.8	54.4	0.22
2. Men who have sex with men	10,922	40.8	28.6	1.44
3. Injecting Drug Users	14,259	18.7	82.6	4.53
4. Hijra/Transgender People	8,001	-	-	-
5. Migrants	3,27,000	-	-	1
6. Truckers	72,000	-	-	0.4
7. Prison inmates	4,09,046	0	0	0.10

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	26.2	17.5	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	24.9	18	21.1
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	79.5	78.3	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	67	67.9	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	9.2	1.4	4.8
5.1 Condom use during last higher-risk intercourse (%)	25.6	29.6	26.2
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	42.3	4.9	17.7
6.1 Condom use during last higher-risk intercourse (%)	26	29.8	26.6

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	1,60,643
2. PLHIV who know their HIV Status	1,08,978
3. PLHIV who know their HIV status and are on ART	91,968
4. PLHIV who are on ART and tested for their viral load	47,798
5. PLHIV who are virally suppressed	41,487

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	100
2. Colleges with operational Red Ribbon Clubs (RRC)	100
3. Persons trained under mainstreaming	607
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	98
2. Clients managed	6,64,012
3. RPR Tests conducted	2,81,119
4. Syphilis seropositivity (%)	0.37

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	89
2. Blood units collection (in lakh)	6,35,144
3. Voluntary blood collection (%)	38.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	81
2. OST centres	15
3. Employer Led Model Interventions	44

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	22,414
2. Coverage (%)	>=95
3. Condoms distributed	42,08,230
4. Tested for HIV (April 2020 - September 2020)	8,302
4.1. HIV sero-positive (%)	0.10
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	16,071
5.1. HIV sero-positive (%)	0.16
5.1.1. Linked to ART	28
6. Clinic Visits	41,471
7. STI/RTI treated	1,194
8. Presumptive treatment	4,332

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	10,922
2. Coverage (%)	87
3. Condoms distributed	14,98,213
4. Tested for HIV (April 2020 - September 2020)	4,033
4.1. HIV sero-positive (%)	0.20
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	7,602
5.1. HIV sero-positive (%)	0.46
5.1.1. Linked to ART	33
6. Clinic Visits	19,066
7. STI/RTI treated	322
8. Presumptive treatment	2,282

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	14,259
2. Coverage (%)	>=95
3. Needles distributed	71,27,576
4. Syringes distributed	34,92,326
5. On OST	2,010
6. Tested for HIV (April 2020 - September 2020)	7,940
6.1. HIV sero-positive (%)	0.58
6.1.1. Linked to ART	33
7. Tested for HIV (October 2020 - March 2021)	15,292
7.1. HIV sero-positive (%)	0.66
7.1.1. Linked to ART	86

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	8,001
2. Coverage (%)	59
3. Condoms distributed	6,29,001
4. Tested for HIV (April 2020 - September 2020)	1,638
4.1. HIV sero-positive (%)	0.18
4.1.1. Linked to ART	2
5. Tested for HIV (October 2020 - March 2021)	3,600
5.1. HIV sero-positive (%)	0.25
5.1.1. Put on ART	9
6. Clinic Visits	8,574
7. STI / RTI treated	114
8. Presumptive treatment	785

F. Migrants

Indicator	2020-21
1. Estimated size	3,27,000
2. Coverage (%)	17
3. Tested for HIV	15,170
3.1. HIV sero-positive (%)	0.15
3.2. Linked to ART	21

G. Truckers

Indicator	2020-21
1. Estimated size	72,000
2. Coverage (%)	>=95
3. Tested for HIV	8,083
3.1. HIV sero-positive (%)	0.17
3.2. On ART	9

H. Prison Inmates

Indicator	2020-21
1. Total prisons	72
2. Prisons covered under programme	72
3. Total inmates admitted	4,18,695
4. Inmates Covered(%)	24.1
5. Tested for HIV	20,290
5.1. HIV sero-positive (%)	0.52
5.2. On ART (%)	98.10

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	7
2. Vulnerable population covered	1,21,511
3. Tested for HIV	40,516
3.1. HIV sero-positive (%)	0.19
3.2. Linked to ART (%)	90.67

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	3,164
1.1. Stand-alone	404
1.2. Facility integrated (Govt)	1,739
1.3. Facility integrated (PPP)	98
1.4. CBS	923

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	10,13,176
1.1. Stand-alone	8,06,549
1.2. Facility integrated (Govt)	41,161
1.3. Facility integrated (PPP)	1,28,278
1.4. CBS	37,188
2. Found HIV Positive among tested	8,545
3. HIV sero-positivity (%) among tested	0.84
4. Spouse/sexual partner testing of HIV positive people identified	5,069
5. HIV- TB cross-referral	4,03,741
5.1 In referral from NTEP	3,52,125
5.1.1 HIV sero-positive (%)	0.66
5.2. ICTC clients referred to NTEP	51,616

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	44
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	32
4. Care Support Centres	27

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	8,545
2. New PLHIV Registered at ART center	8,751
2.1 Initiated on ART	8,234
3. PLHIV alive and on ART	91,968
4. 12 months retention on ART (%)	73
5. Lost to follow-up cases	5,266
6. Among all PLHIV attendees, % screened for TB	99

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	3
1.1 Accredited Viral load laboratories	1
2. Viral load testing conducted	57,477
3. National reference laboratories (NRL)	1
3.1 Accredited NRL	1
4. State reference laboratories (SRL)	9
4.1 Accredited SRL	8
5. CD4 testing conducted	62,542
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	82.19
6.2 Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	67,67,420
2. HIV testing among PW	48,66,087
2.1. Stand-alone	6,72,109
2.2. Facility integrated (Govt)	10,00,483
2.3. Facility integrated (PPP)	5,10,460
2.4. CBS	26,83,035
3. HIV sero-positivity (%) among tested	0.01
4. HIV Positive (old + new detections)	1,007
4.1 On life-long ART	990
5. Live births among HIV positive PW	695
5.1 Babies given ARV Drug (%)	80
5.2 Babies tested for HIV (6 weeks- 6 months)	761
5.3 Babies found HIV Positive (6 weeks- 6 months)	6
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	774
6.2 HIV positive babies at 18 months	21
6.3 HIV positive babies initiated on ART	17

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

UTTARAKHAND

UTTARAKHAND

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.15	0.10	0.12
2. Estimated people living with HIV	6,255	4,314	10,569
3. Estimated children living with HIV	231	204	435
4. Annual New HIV infections	219	148	367
5. Annual AIDS related deaths (ARD)	168	58	226
6. Change in annual new HIV infections since 2010 (%)	-60	-56	-58
7. Change in annual ARD since 2010 (%)	-45	-59	-49
8. EMTCT need	-	87	87

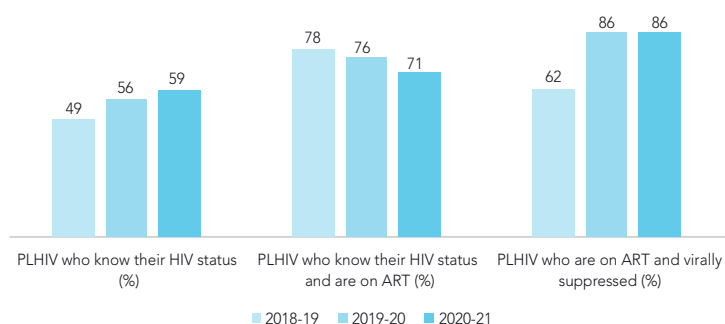
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	5,800	61	43.3	0
2. Men who have sex with men	1,770	65.7	20.3	2.85
3. Injecting Drug Users	1,950	28	93.2	8.98
4. Hijra/Transgender People	160	-	-	-
5. Migrants	90,000	-	-	-
6. Truckers	40,000	-	-	-
7. Prison inmates	20,582	0	0	1.30

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	36.5	28.6	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	32.5	31.1	31.6
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	91.8	82	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	83.8	82.7	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	7.7	0.6	3.4
5.1 Condom use during last higher-risk intercourse (%)	48.4	-	49.9
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	51.9	0.9	15.6
6.1 Condom use during last higher-risk intercourse (%)	50.3	-	50.4

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	10,569
2. PLHIV who know their HIV Status	6,257
3. PLHIV who know their HIV status and are on ART	4,459
4. PLHIV who are on ART and tested for their viral load	2,221
5. PLHIV who are virally suppressed	1,908

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	0
2. Colleges with operational Red Ribbon Clubs (RRC)	373
3. Persons trained under mainstreaming	3,250
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	27
2. Clients managed	1,36,485
3. RPR Tests conducted	30,461
4. Syphilis seropositivity (%)	0.43

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	18
2. Blood units collection (in lakh)	73,183
3. Voluntary blood collection (%)	79.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	27
2. OST centres	5
3. Employer Led Model Interventions	39

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	5,800
2. Coverage (%)	>=95
3. Condoms distributed	7,52,013
4. Tested for HIV (April 2020 - September 2020)	3,696
4.1. HIV sero-positive (%)	0.00
4.1.1. Linked to ART	0
5. Tested for HIV (October 2020 - March 2021)	4,702
5.1. HIV sero-positive (%)	0.00
5.1.1. Linked to ART	0
6. Clinic Visits	13,377
7. STI/RTI treated	522
8. Presumptive treatment	556

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	1,770
2. Coverage (%)	>=95
3. Condoms distributed	2,75,956
4. Tested for HIV (April 2020 - September 2020)	1,655
4.1. HIV sero-positive (%)	0.18
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	1,894
5.1. HIV sero-positive (%)	0.53
5.1.1. Linked to ART	5
6. Clinic Visits	6,546
7. STI/RTI treated	125
8. Presumptive treatment	354

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,950
2. Coverage (%)	>=95
3. Needles distributed	8,69,360
4. Syringes distributed	4,35,185
5. On OST	1,697
6. Tested for HIV (April 2020 - September 2020)	1,497
6.1. HIV sero-positive (%)	0.87
6.1.1. Linked to ART	10
7. Tested for HIV (October 2020 - March 2021)	2,629
7.1. HIV sero-positive (%)	0.91
7.1.1. Linked to ART	18

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	160
2. Coverage (%)	>=95
3. Condoms distributed	16,124
4. Tested for HIV (April 2020 - September 2020)	72
4.1. HIV sero-positive (%)	1.39
4.1.1. Linked to ART	1
5. Tested for HIV (October 2020 - March 2021)	112
5.1. HIV sero-positive (%)	0.00
5.1.1. Put on ART	0
6. Clinic Visits	358
7. STI / RTI treated	8
8. Presumptive treatment	32

F. Migrants

Indicator	2020-21
1. Estimated size	90,000
2. Coverage (%)	60
3. Tested for HIV	23,285
3.1. HIV sero-positive (%)	0.06
3.2. Linked to ART	13

G. Truckers

Indicator	2020-21
1. Estimated size	40,000
2. Coverage (%)	76
3. Tested for HIV	6,732
3.1. HIV sero-positive (%)	0.04
3.2. On ART	3

H. Prison Inmates

Indicator	2020-21
1. Total prisons	11
2. Prisons covered under programme	10
3. Total inmates admitted	23,212
4. Inmates Covered(%)	25.4
5. Tested for HIV	2,672
5.1. HIV sero-positive (%)	0.97
5.2. On ART (%)	80.77

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	-
2. Vulnerable population covered	-
3. Tested for HIV	-
3.1. HIV sero-positive (%)	-
3.2. Linked to ART (%)	-

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	162
1.1. Stand-alone	51
1.2. Facility integrated (Govt)	70
1.3. Facility integrated (PPP)	14
1.4. CBS	27

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	1,18,635
1.1. Stand-alone	71,947
1.2. Facility integrated (Govt)	6,207
1.3. Facility integrated (PPP)	407
1.4. CBS	40,074
2. Found HIV Positive among tested	559
3. HIV sero-positivity (%) among tested	0.47
4. Spouse/sexual partner testing of HIV positive people identified	183
5. HIV- TB cross-referral	21,106
5.1 In referral from NTEP	17,642
5.1.1 HIV sero-positive (%)	1.07
5.2. ICTC clients referred to NTEP	3,464

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	5
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	-
2.2. Centre of Excellence (Paediatric)	-
3. Link ART Centres	32
4. Care Support Centres	2

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	559
2. New PLHIV Registered at ART center	593
2.1 Initiated on ART	439
3. PLHIV alive and on ART	4,459
4. 12 months retention on ART (%)	59
5. Lost to follow-up cases	1,545
6. Among all PLHIV attendees, % screened for TB	78

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	-
1.1 Accredited Viral load laboratories	-
2. Viral load testing conducted	2,394
3. National reference laboratories (NRL)	0
3.1 Accredited NRL	-
4. State reference laboratories (SRL)	1
4.1 Accredited SRL	1
5. CD4 testing conducted	4,686
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	34.69
6.2. Average Discordance (%)	0

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	2,11,080
2. HIV testing among PW	1,77,303
2.1. Stand-alone	58,999
2.2. Facility integrated (Govt)	77,614
2.3. Facility integrated (PPP)	40,689
2.4. CBS	1
3. HIV sero-positivity (%) among tested	0.02
4. HIV Positive (old + new detections)	49
4.1 On life-long ART	38
5. Live births among HIV positive PW	33
5.1 Babies given ARV Drug (%)	55
5.2 Babies tested for HIV (6 weeks- 6 months)	25
5.3 Babies found HIV Positive (6 weeks- 6 months)	0
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	23
6.2 HIV positive babies at 18 months	2
6.3 HIV positive babies initiated on ART	0

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No



FACT SHEET

WEST BENGAL

WEST BENGAL

1. Status of HIV/AIDS Epidemic

A. Epidemic Estimates (2020)

Indicator	Male	Female	Total
1. Adult (15-49 yrs) HIV Prevalence (%)	0.1	0.09	0.10
2. Estimated people living with HIV	43,348	34,321	77,669
3. Estimated children living with HIV	1,509	1,446	2,955
4. Annual New HIV infections	2,014	1,784	3,798
5. Annual AIDS related deaths (ARD)	346	268	615
6. Change in annual new HIV infections since 2010 (%)	-4	-4	-4
7. Change in annual ARD since 2010 (%)	-90	-88	-89
8. EMTCT need	-	729	729

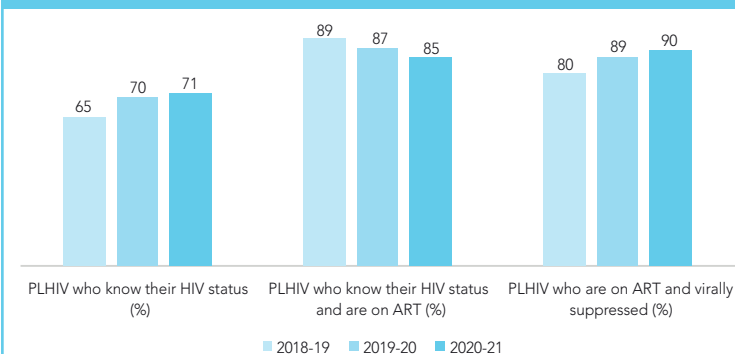
B. High risk population size (2009), safe practices (2015) and prevalence (2017)

Population Group	Estimates Size	Condom Use (%)	New Needle/Syringe use (%)	HIV Prevalence (%)
1. Female Sex Workers	21,562	95.7	0	1.25
2. Men who have sex with men	2,627	42.4	24	2.34
3. Injecting Drug Users	1,713	62	94.6	10.76
4. Hijra/Transgender People	1,562	-	-	7.28
5. Migrants	30,000	-	-	0.8
6. Truckers	60,000	-	-	1.2
7. Prison inmates	1,13,242	26.1	26.7	0.60

C. HIV/AIDS related knowledge, stigma and high-risk behaviour in general population (2015-16)

Indicator	Male	Female	Total
1. Adults (15-49 yrs) with comprehensive knowledge about HIV/AIDS (%)	25.9	18.6	-
2. Youth (15-24 yrs) with comprehensive knowledge about HIV/AIDS (%)	25.9	20.2	22.7
3. Adults willing to care for a relative with HIV/AIDS in own home (%)	67.1	67.4	-
4. Adults willing to buy fresh vegetables from a shopkeeper or vendor who has HIV/AIDS (%)	65.3	66.2	-
5. Sexually active adults (15-49 yrs) having higher-risk sexual behaviour (%)	3.4	0.5	1.7
5.1 Condom use during last higher-risk intercourse (%)	38.8	-	37.5
6. Sexually active youth (15-24 yrs) having higher-risk sexual behaviour (%)	14	0	3.2
6.1 Condom use during last higher-risk intercourse (%)	35.2	-	35.2

2. Progress on 90-90-90 (2020-21)



Indicator	2020-21
1. Estimated PLHIV size (2020)	77,669
2. PLHIV who know their HIV Status	55,490
3. PLHIV who know their HIV status and are on ART	46,994
4. PLHIV who are on ART and tested for their viral load	19,905
5. PLHIV who are virally suppressed	17,927

3. Prevention of new HIV infections among general population

A. Information, Education, Communication, Youth and Mainstreaming

Indicator	2020-21
1. Schools with operational Adolescent Education Program (AEP)	910
2. Colleges with operational Red Ribbon Clubs (RRC)	480
3. Persons trained under mainstreaming	7,244
4. No. of calls received at helpline	-

B. Sexually Transmitted Infections (STI)/Reproductive Tract Infections (RTI) Management

Indicator	2020-21
1. NACO Supported Designated STI/RTI Clinics (DSRC)	48
2. Clients managed	1,79,490
3. RPR Tests conducted	68,253
4. Syphilis seropositivity (%)	0.43

C. Blood Transfusion Services (NACO Supported)

Indicator	2020-21
1. Licensed Blood banks	63
2. Blood units collection (in lakh)	6,14,822
3. Voluntary blood collection (%)	77.00

4. Prevention of new HIV infections among high risk group and bridge population

A. Targeted Interventions (TI) and Opioid Substitution Therapy (OST)

Indicator	2020-21
1. Targeted Interventions	42
2. OST centres	8
3. Employer Led Model Interventions	36

B. Female Sex Workers

Indicator	2020-21
1. Estimated size	21,562
2. Coverage (%)	80
3. Condoms distributed	36,82,327
4. Tested for HIV (April 2020 - September 2020)	8,290
4.1. HIV sero-positive (%)	0.12
4.1.1. Linked to ART	8
5. Tested for HIV (October 2020 - March 2021)	11,839
5.1. HIV sero-positive (%)	0.20
5.1.1. Linked to ART	23
6. Clinic Visits	32,631
7. STI/RTI treated	562
8. Presumptive treatment	2,403

C. Men who have Sex with Men

Indicator	2020-21
1. Estimated size	2,627
2. Coverage (%)	67
3. Condoms distributed	2,56,818
4. Tested for HIV (April 2020 - September 2020)	1,032
4.1. HIV sero-positive (%)	0.39
4.1.1. Linked to ART	3
5. Tested for HIV (October 2020 - March 2021)	1,632
5.1. HIV sero-positive (%)	1.16
5.1.1. Linked to ART	20
6. Clinic Visits	4,405
7. STI/RTI treated	26
8. Presumptive treatment	612

D. Injecting Drug Users

Indicator	2020-21
1. Estimated size	1,713
2. Coverage (%)	>=95
3. Needles distributed	6,74,685
4. Syringes distributed	3,37,759
5. On OST	767
6. Tested for HIV (April 2020 - September 2020)	1,317
6.1. HIV sero-positive (%)	0.08
6.1.1. Linked to ART	0
7. Tested for HIV (October 2020 - March 2021)	1,498
7.1. HIV sero-positive (%)	0.27
7.1.1. Linked to ART	3

E. Hijra/Transgender People

Indicator	2020-21
1. Estimated size	1,562
2. Coverage (%)	94
3. Condoms distributed	2,29,748
4. Tested for HIV (April 2020 - September 2020)	782
4.1. HIV sero-positive (%)	1.02
4.1.1. Linked to ART	9
5. Tested for HIV (October 2020 - March 2021)	1,224
5.1. HIV sero-positive (%)	1.39
5.1.1. Put on ART	17
6. Clinic Visits	3,113
7. STI / RTI treated	45
8. Presumptive treatment	841

F. Migrants

Indicator	2020-21
1. Estimated size	30,000
2. Coverage (%)	>=95
3. Tested for HIV	8,517
3.1. HIV sero-positive (%)	0.05
3.2. Linked to ART	4

G. Truckers

Indicator	2020-21
1. Estimated size	60,000
2. Coverage (%)	75
3. Tested for HIV	8,902
3.1. HIV sero-positive (%)	0.15
3.2. On ART	13

H. Prison Inmates

Indicator	2020-21
1. Total prisons	59
2. Prisons covered under programme	59
3. Total inmates admitted	1,13,242
4. Inmates Covered(%)	23.1
5. Tested for HIV	7,616
5.1. HIV sero-positive (%)	0.49
5.2. On ART (%)	83.78

I. Link Worker Scheme

Indicator	2020-21
1. Districts covered under scheme	8
2. Vulnerable population covered	91,594
3. Tested for HIV	51,658
3.1. HIV sero-positive (%)	0.21
3.2. Linked to ART (%)	95.41

5. Early detection of HIV infected people

A. HIV Counselling and Testing Services (HCTS)

Indicator	2020-21
1. ICTC facilities	1,044
1.1. Stand-alone	314
1.2. Facility integrated (Govt)	629
1.3. Facility integrated (PPP)	42
1.4. CBS	59

B. HIV Testing among Vulnerable Population (Excluding Pregnant Women)

Indicator	2020-21
1. Tested for HIV (Total)	13,56,954
1.1. Stand-alone	5,23,882
1.2. Facility integrated (Govt)	4,27,057
1.3. Facility integrated (PPP)	3,20,718
1.4. CBS	85,297
2. Found HIV Positive among tested	3,119
3. HIV sero-positivity (%) among tested	0.23
4. Spouse/sexual partner testing of HIV positive people identified	1,284
5. HIV- TB cross-referral	95,145
5.1 In referral from NTEP	74,817
5.1.1 HIV sero-positive (%)	0.92
5.2. ICTC clients referred to NTEP	20,328

6. Initiation and retention on ART of HIV infected people

A. Treatment Facilities

Indicator	2020-21
1. ART Centres	20
2. Centre of Excellence	
2.1. Centre of Excellence (Adult)	1
2.2. Centre of Excellence (Paediatric)	1
3. Link ART Centres	52
4. Care Support Centres	13

B. Treatment Uptake

Indicator	2020-21
1. HIV positive cases diagnosed (At ICTC)	3,119
2. New PLHIV Registered at ART center	3,186
2.1 Initiated on ART	2,824
3. PLHIV alive and on ART	46,994
4. 12 months retention on ART (%)	73
5. Lost to follow-up cases	9,554
6. Among all PLHIV attendees, % screened for TB	98

7. Laboratory services

Indicator	2020-21
1. Viral load laboratories	2
1.1 Accredited Viral load laboratories	1
2. Viral load testing conducted	28,351
3. National reference laboratories (NRL)	2
3.1 Accredited NRL	2
4. State reference laboratories (SRL)	5
4.1 Accredited SRL	4
5. CD4 testing conducted	30,276
6. External Quality Assessment of ICTC	
6.1 Average Participation (%)	53.93
6.2. Average Discordance (%)	0.20

8. Elimination of mother to child transmission of HIV

Indicator	2020-21
1. Estimated pregnant women (PW)	16,26,620
2. HIV testing among PW	13,59,869
2.1. Stand-alone	2,61,009
2.2. Facility integrated (Govt)	9,29,866
2.3. Facility integrated (PPP)	1,68,529
2.4. CBS	465
3. HIV sero-positivity (%) among tested	0.02
4. HIV Positive (old + new detections)	376
4.1 On life-long ART	377
5. Live births among HIV positive PW	399
5.1 Babies given ARV Drug (%)	97
5.2 Babies tested for HIV (6 weeks- 6 months)	333
5.3 Babies found HIV Positive (6 weeks- 6 months)	3
6. HIV exposed babies at 18 months	
6.1 HIV exposed babies tested at 18 months	309
6.2 HIV positive babies at 18 months	13
6.3 HIV positive babies initiated on ART	12

9. Elimination of HIV/AIDS related Stigma & Discrimination

Indicator	2020-21
1. State rules notified for HIV/AIDS Prevention and Control Act	No
2. State designated/appointed ombudsman	No

INDICATOR DEFINITIONS



Indicator	Definition (Numerator/Denominator)	Source & Measurement Method
STATUS OF HIV/AIDS EPIDEMIC		
Adult prevalence (%)	Numerator: Estimated number of adult people (15-49 years) living with HIV (PLHIV) Denominator: Total adult (15-49 years) population	HIV Estimation 2020, NACO/NIMS (Biennial measurement)
PLHIV size	Estimated number of People living with HIV (PLHIV)	HIV Estimation 2020, NACO/NIMS (Biennial measurement)
CLHIV (<15)	Estimated number of Children (<15 years) living with HIV (CLHIV)	HIV Estimation 2020, NACO/NIMS (Biennial measurement)
Annual New HIV infections	Estimated number of newly infected people with HIV in a calendar year	HIV Estimation 2020, NACO/NIMS (Biennial measurement)
Annual AIDS-related deaths	Estimated number of people who have died of AIDS-related illness in a calendar year	HIV Estimation 2020, NACO/NIMS (Biennial measurement)
Comprehensive knowledge of HIV/ AIDS (%)	Numerator: Number of male/female (15-49 years) with comprehensive knowledge of HIV/AIDS Denominator: Total number of male/ female (15-49 years) population	National Family Health Survey 2015-16 (3-5 years measurement)
Knowledge that consistent condom use can reduce risk of HIV infection (%)	Numerator: Number of Males/female (15-49 years) with a Knowledge the risk of getting HIV can be reduced by using a condom every time they have sex Denominator: Total number of male/female (15-49 years) population	National Family Health Survey 2015-16 (3-5 years measurement)
PROGRESS ON 90-90-90		
PLHIV who know their status (1 st 90)	Numerator: Number of PLHIV who know their HIV status Denominator: Estimated number of People living with HIV (PLHIV)	Based on facility data (Annual measurement) PLHIV size estimate through Spectrum modelling using surveillance, national survey & demographic data, and programme monitoring data. (Annual measurement)
PLHIV who know their status and are active on treatment (2 nd 90)	Numerator: Number of PLHIV who are on ART Denominator: Number of PLHIV who know their HIV status	Based on facility data (Annual measurement)
PLHIV who have suppressed viral load (3 rd 90)	Numerator: Number of PLHIV on ART who have suppressed viral load (VL) Denominator: Number of PLHIV on ART who are tested for viral load	Based on facility data (Annual measurement)
PREVENTION OF NEW HIV INFECTIONS AMONG GENERAL POPULATION		
SEXUALLY TRANSMITTED INFECTIONS (STI)/ REPRODUCTIVE TRACT INFECTIONS (RTI) MANAGEMENT		
STI/RTI Facilities	Number of NACO supported Designated Sexually Transmitted Infections (STI)/ Reproductive Tract Infections (RTI) Clinics (DSRCs) functional as on 31 st March of the reference year	Based on facility data
Patients managed for STI/RTI	Number of patients managed for Sexually Transmitted Infections (STI)/ Reproductive Tract Infections (RTI) at DSRCs in the reference year	Based on facility data
RPR tests conducted	Number of RPR test conducted for syphilis among general individuals at DRSCs in the reference year	Based on facility data

Indicator	Definition (Numerator/Denominator)	Source & Measurement Method
Syphilis sero-positivity (%)	Numerator: Number of general individuals who have diagnosed Syphilis seropositive at DSRCs in the reference year.	Based on facility data
	Denominator: Number of RPR test conducted for syphilis among the general individuals at DSRCs in the reference year	
BLOOD TRANSFUSION SERVICES		
NACO supported Blood Centres	Number of NACO Supported Blood Centres functional as on 31 st March of the reference year	Based on facility data
Blood collection in NACO supported Blood Centres	Number of blood units collected in Blood Centres supported by NACO in the reference year	Based on facility data
Blood units collected by voluntary blood donation in NACO Supported Blood Centres (%)	Numerator: Number of blood units collected through voluntary donation in Blood Centres supported by NACO in the reference year	Based on facility data
	Denominator: Number of blood units collected in NACO supported Blood Centres in the reference year	
PREVENTION OF NEW HIV INFECTIONS AMONG HIGH RISK GROUP AND BRIDGE POPULATION		
Targeted Interventions (TIs)	Number of Targeted Interventions functional on 31 st March of the reference year	Based on facility data
OST centres	Number of OST centres functional on 31 st March of the reference year	Based on facility data
Employer Led Model Interventions	Number of ELM interventions functional on 31 st March of the reference year	Based on facility data
Estimated size of Population	Estimated number of Key Population	Periodic size estimation/ validation under the Program
HIV Prevalence	Numerator: Number of key population diagnosed HIV positive in the reference year	Based on facility data
	Denominator: Number of key population included in the survey in the reference year	HIV Sentinel Surveillance 2016-17
Programme coverage (%)	Numerator: Number of key population reached by the programme in the reference year (including dynamic population)	Based on facility data
	Denominator: Estimated number of key population	Periodic size estimation/ validation under the Program
Condoms distributed	Number of free condoms distributed to key population in the reference year	Based on facility data
Tested for HIV	Number of key population / vulnerable population tested for HIV in the reference year	Based on facility data
Linked to ART	Number of key population / vulnerable population tested for HIV in the reference year	Based on facility data
Condom use (%)	Numerator: Number of key population (FSW/MSM) who reported using a condom consistently during every sex act with a client in the reference year	Bio Behavioural Surveillance Survey 2014-15
	Denominator: Number of key population (FSW/MSM) recruited under survey	

Indicator	Definition (Numerator/Denominator)	Source & Measurement Method
HIV sero-positivity (%)	Numerator: Number of key population diagnosed HIV positive in the reference year	Based on facility data
	Denominator: Number of key population tested for HIV in the reference year	
Clinic Visits	Number of key population visited to STI/ RTI clinic in the reference year	Based on facility data
STI/RTI treated	Number of key population (FSW/MSM/IDU/H/TG) treated for STI/ RTI in the reference year.	Based on facility data
Presumptive treatment	Number of key population provided Presumptive treatment in the reference year	Based on facility data
Total Prisons	Number of prisons as on December 2019	Prison Statistics India 2019
Prisons covered under programme	Number of prisons covered under the NACP in the reference year	Based on facility data
Prison Coverage	Numerator: Number of inmates covered by the programme in the reference year	Based on facility data
	Denominator: Number of inmates as on 31 st Dec of the reference year	
Districts covered under scheme	Number of districts covered under Link Worker Schemes functional on 31 st March of the reference year	Based on facility data
Vulnerable population covered	No. of vulnerable population covered under the Link Worker Scheme in the reference year	Based on facility data
PREVENTION OF NEW HIV INFECTIONS AMONG GENERAL POPULATION		
HIV COUNSELLING AND TESTING SERVICES (HCTS) FACILITIES		
ICTC facilities	Number of HCTS facilities functional as on 31 st March of the reference year	Based on facility data
Stand-alone	Number of SA-ICTC facilities functional as on 31 st March of the reference year	Based on facility data
Facility integrated (Govt)	Number of F-ICTC Govt. facilities functional as on 31 st March of the reference year	Based on facility data
Facility integrated (PPP)	Number of PPP-ICTC facilities functional as on 31 st March of the reference year	Based on facility data
CBS	Number of Community Based Screening sites functional as on 31 st March of the reference year	Based on facility data
HIV TESTING AMONG VULNERABLE POPULATION (EXCLUDING PREGNANT WOMEN)		
Tested for HIV (Total)	Number of general individuals (excluding pregnant women) who have tested for HIV in the reference year	Based on facility data
Tested for HIV at Stand-alone	Number of general individuals (excluding pregnant women) who have tested for HIV at SA-ICTC facilities in the reference year	Based on facility data
Tested for HIV at Facility integrated (Govt)	Number of general individuals (excluding pregnant women) who have screened for HIV at F-ICTC (Govt) facilities in the reference year	Based on facility data

Indicator	Definition (Numerator/Denominator)	Source & Measurement Method
Tested for HIV at Facility integrated (PPP)	Number of general individuals (excluding pregnant women) who have screened for HIV at F-ICTC (PPP) facilities in the reference year	Based on facility data
Tested for HIV at CBS Sites	Number of general Individual (excluding pregnant women) who have screened for HIV at CBS Sites in the reference year	Based on facility data
Found HIV Positive among vulnerable population (excluding pregnant women)	Number of general individuals (excluding pregnant women) diagnosed HIV positive at SA-ICTC (Confirmatory facility) in the reference year	Based on facility data
HIV sero-positivity (%) among vulnerable population (excluding pregnant women)	Numerator: Number of general individuals (excluding pregnant women) diagnosed HIV positive in the reference year	Based on facility data
	Denominator: Number of general individuals (excluding pregnant women) who have tested for HIV in the reference year	
Spouse/sexual partner testing of HIV positive people identified	Number of spouse or sexual partners of HIV positive general Individuals tested for HIV in the reference year	Based on facility data
HIV-TB cross-referral	Number of confirmed TB cases referred from NTEP for HIV Testing and number of identified presumptive TB cases among general Individual (excluding pregnant women) at ICTC referred to NTEP in the reference year	Based on facility data, NACP and NTEP
In referral from TB program	Number of confirmed TB cases referred from NTEP for HIV testing in the reference year	Based on facility data, NACP
HIV sero-positive (%)	Numerator: Number of confirmed TB case diagnosed HIV positive who have referred from NTEP in the reference year	Based on facility data, NACP
	Denominator: Number of confirmed TB cases referred from NTEP for HIV testing in the reference year	NTEP
ICTC clients referred to NTEP	Number of identified presumptive TB cases among general Individual (excluding pregnant women) at ICTC referred to NTEP in the reference year	Based on facility data
INITIATION AND RETENTION ON ANTI-RETROVIRAL THERAPY OF HIV INFECTED PEOPLE		
HIV positive cases diagnosed (At ICTC)	Number of patients who have been diagnosed HIV positive at ICTCs in the reference year	Based on facility data
ART Centres	Number of ART centers functional as on 31 st March of the reference year	Based on facility data
Link ART Centres	Number of Link ART Centers functional as on 31 st March of the reference year	Based on facility data
Care Support Centres	Number of Care Support Centres functional as on 31 st March of the reference year	Based on facility data
Centre of Excellence (Adult)	Number of Centre of Excellence (Adult) functional as on 31 st March of the reference year	Based on facility data
Centre of Excellence (Paediatric)	Number of Centre of Excellence (Paediatric) functional as on 31 st March of the reference year	Based on facility data
New PLHIV Registered at ART center	Number of PLHIV who have registered at ART centers in the reference year	Based on facility data
Initiated on ART	Number of PLHIV who have initiated on ART in the reference year	Based on facility data
PLHIV alive and on ART	Cumulative number of PLHIV who are alive and on ART	Based on facility data

Indicator	Definition (Numerator/Denominator)	Source & Measurement Method
Lost to follow-up cases	PLHIV on ART with no clinical contact or ARV pick-up for 90 days or more since last due date (missed appointment) + PLHIV not initiated on ART and with no clinical contact or visit to health facility for more than or equal to 28 days from the date of registration at ART center	Based on facility data
12 months retention on ART (%)	Numerator: Number of PLHIV retained on ART after completion of 12 month from the date of ART initiation in the reference year Denominator: Number of PLHIV who were initiated on ART during the study cohort	Based on facility data
Among all PLHIV attendees, % screened for TB	Numerator: Number of PLHIV screened for TB in the reference year Denominator: Number of PLHIV visited ART centres in the reference year	Based on facility data
LABORATORY SERVICES		
National Reference Laboratories	Number of National Reference laboratories under NACP functional as on 31 st March of the reference year	Based on facility data
State Reference Laboratories	Number of State Reference laboratories under NACP functional as on 31 st March of the reference year	Based on facility data
Viral Load testing Laboratories	Number of Viral load testing laboratories under NACP functional as on 31 st March of the reference year	Based on facility data
Accredited Viral load laboratories	Number of Viral load testing laboratories accredited by NABL as on 31 st March of the reference year	Based on facility data
Accredited National Reference Laboratories	Number of National Reference laboratories accredited by NABL as on 31 st March of the reference year	Based on facility data
Accredited State Reference Laboratories	Number of State Reference laboratories accredited by NABL as on 31 st March of the reference year	Based on facility data
Viral load testing conducted	Number of viral load tests conducted in the reference year	Based on facility data
CD4 testing conducted	Number of CD4 tests conducted in the reference year	Based on facility data
Average Participation (%) of ICTC in re-testing	Numerator: Number of ICTCs participated in re-testing under EQA Denominator: Number of ICTCs in the reference year	Quarterly reporting by SACS
Average Discordance (%) of ICTC in re-testing	Numerator: Number of ICTCs with discordant result in re-testing under EQA Denominator: Number of ICTCs participated in re-testing under EQA	Quarterly reporting by SACS
ELIMINATION OF MOTHER TO CHILD TRANSMISSION OF HIV		
Estimated Pregnant Women (PW)	Estimated number of pregnant women in the reference year	National Health Mission (NHM), MoHFW
Estimated PPTCT need	Estimated number of HIV-positive women giving birth in calendar year and, therefore, in need of prophylaxis to prevent HIV transmission to the baby	HIV Estimations 2020, NACO/NIMS (Biennial measurement)
HIV testing among PW	Number of pregnant women tested for (Excluding repeat testing) HIV in the reference year	Based on facility data

Indicator	Definition (Numerator/Denominator)	Source & Measurement Method
HIV testing among PW at Stand-alone	Number of pregnant women tested for HIV at SA-ICTC facilities in the reference year	Based on facility data
HIV testing among PW at Facility integrated (Govt)	Number of pregnant women screened for HIV at FI-ICTC (Govt) facilities in the reference year	Based on facility data
HIV testing among PW at Facility integrated (PPP)	Number of pregnant women screened for HIV at FI-ICTC (PPP) facilities in the reference year	Based on facility data
HIV testing among PW at CBS Sites	Number of pregnant women screened for HIV at CBS sites in the reference year	Based on facility data
Pregnant Women tested for HIV	Number of pregnant women attending antenatal care (ANC) clinic who were tested for HIV in the reference year	Based on facility data
HIV Positive among Pregnant Women (%)	Numerator: Number of pregnant women attending antenatal care (ANC) clinic who were diagnosed HIV positive in the reference year	Based on facility data
	Denominator: Total Number of pregnant women attending antenatal care (ANC) clinic who were tested for HIV in the reference year	
Coverage for HIV testing of Pregnant Women (%)	Numerator: Number of pregnant women attending ANC clinic who were tested for HIV during the pregnancy or already knew their HIV positive status in the reference year	Based on facility data; to be triangulated periodically with National Family Health Survey (NHFS) and surveillance data
	Denominator: Estimated number of pregnant women in the reference year	National Health Mission (NHM)
HIV positive PW initiated on ART for PPTCT (%)	Numerator: Number of HIV positive women giving birth and received ARV to prevent HIV transmission to the baby in the reference year	Based on facility data; to be triangulated periodically with National Family Health Survey (NHFS) and surveillance data
	Denominator: Estimated number of HIV positive mother requiring treatment to prevent mother-to-child transmission of HIV in the reference year	HIV Estimations 2020, NACO/NIMS (Biennial measurement)
Live births among HIV positive PW	Number of live births to HIV positive pregnant women in the reference year	Based on facility data
Babies given ARV Drug (%)	Numerator: Number of HIV exposed babies initiated on ARV prophylaxis in the reference year	Based on facility data
	Denominator: Number of live birth to HIV positive pregnant women in the reference year	
Babies tested for HIV 6 weeks to 6 months	Number of HIV exposed babies tested for DNA PCR test between 6 weeks to 6 months of age in the reference year	Based on facility data
Babies confirmed HIV positive 6 weeks to 6 months	Number of HIV exposed babies diagnosed HIV positive in DNA PCR test between 6 weeks to 6 months of age in the reference year	Based on facility data
HIV positive babies initiated on ART 6 weeks to 6 months	Number of babies initiated on ART who have diagnosed HIV positive in DNA PCR test between 6 weeks to 6 months of age in the reference year	Based on facility data
HIV exposed babies tested at 18 months	Number of HIV exposed babies tested for antibody test at 18 months of age for HIV confirmation in the reference year	Based on facility data
HIV positive babies at 18 months	Number of HIV exposed babies diagnosed HIV positive in antibody test at 18 months of age in the reference year	Based on facility data
HIV positive babies initiated on ART (at 18 months)	Number of babies initiated on ART who have diagnosed HIV positive in antibody test done at 18 months of age in the reference year	Based on facility data

“Sankalak - Status of National AIDS Response” is the evidence driven flagship report of NACP, detailing the National AIDS response toward the 2030 goal to end the epidemic of HIV/ AIDS. 'Sankalak' reports the robust programmatic and epidemic data Nationally and by State/Union Territories (UT) under NACP. In this third edition of Sankalak, the progress across HIV care continuum for the financial year 2020-21 is summarized.



National AIDS Control Organisation
India's Voice against AIDS
Ministry of Health & Family Welfare, Government of India
www.naco.gov.in