

# ANC HIV SENTINEL SURVEILLANCE 2014-15

## NATIONAL REPORT



**National AIDS Control Organisation**  
**Ministry of Health and Family Welfare**  
**Government of India**





सत्यमेव जयते

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**2014-15  
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**OCTOBER, 2016**



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सत्यमेव जयते

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

## Preface

India implemented the 14th round of ANC HIV Sentinel Surveillance(HSS) during January-March 2015 except in Andhra Pradesh and Telangana, where the survey was conducted from March –May 2015. India's HSS, the largest surveillance system across the globe among pregnant women, collected more than 3,00,000 samples from 776 sites covering 572 districts across 35 States/UT's. A technical brief from the data collected, summarizing the HIV prevalence level and trend, was quickly published and disseminated in 2015.

This national report aims to provide a more detailed analysis of the results from HSS 2014-15. The profiles of the respondents and their correlations with the HIV prevalence, have been detailed in the report. This analysis has also covered the correlation between syphilis and HIV and, results of the same have been presented. Considering the diversity of the epidemic, HIV epidemic trends has been presented up to the district level to provide the indications of epidemic trajectory at the most local level. Besides, the report also presents the site wise data, continuing the tradition set in 2003.

Overall, the HIV epidemic is declining in the country but State wise variation has been observed. Declining trend has been observed in the erstwhile high prevalence states of Southern India. While long term trend is declining in the high prevalence States of the North- Eastern India, stabilization has been noticed in recent past in these States. Though the HIV prevalence is low, continuation of rising trends in many States of northern India is an area of concern. The analysis has also revealed a relatively higher prevalence (0.50% or above) among young pregnant women (15-24 years old) or among primi-gravida in many states. HIV prevalence in young pregnant women and primi-gravida in many states. HIV prevalence in young pregnant women and primi-gravida is considered as proxy for new infections, and hence States with higher prevalence in this sub-group need to note it duty and take urgent steps.

This national report is the collective efforts of many teams. I would like to congratulate the Project Directors of all SACS and the surveillance teams in the State AIDS Control Societies for their efforts. I also extend my gratitude to staff at the Regional Institutions who participated and contributed to this important activity. The large network of State Reference Laboratory and National Reference Laboratory have made this HIV Sentinel Surveillance a success. I would like to thank them too for their efforts. I would also like to acknowledge the support of the WHO, CDC and UNAIDS in providing technical assistance in preparing the report. I commend all members of the Monitoring and Evaluation team at NACO for successfully implementing HSS 2014-15 and bringing out the National Report. Last but not the least I would like to thank the staff at sentinel sites whose dedication made this task of implementation of one of the world's largest Sentinel Surveillance so easy.

India's Surveillance system has been commended by independent international experts. The data coming out from the system has been quite robust and once again underlines that while commendable progress has been achieved, there is no place for complacency. I hope that all stakeholders will go through the report and use the information provided therein judiciously for strengthening the planning and implementation of local responses to the epidemic.

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**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**



# Contents

<b>Preface by Secretary &amp; DG, NACO</b> .....	3
<b>Acronyms</b> .....	7
<b>List of Figures</b> .....	9
<b>List of Tables</b> .....	11
<b>Executive Summary</b> .....	12
<b>Chapter 1. Introduction</b> .....	14
1.1. Objectives and Applications of HIV Sentinel Surveillance .....	14
1.2. Evolution of HIV Sentinel Surveillance in India .....	15
<b>Chapter 2. Methodology &amp; Implementation</b> .....	18
2.1. Methodology of HIV Sentinel Surveillance at ANC Sentinel Sites .....	18
2.2. Information Collected under HSS at ANC Sentinel Sites .....	19
2.3. Implementation Structure of HIV Sentinel Surveillance in India .....	21
<b>Chapter 3. Profile of Respondents</b> .....	24
3.1. Age of the respondent .....	27
3.2. Literacy Status .....	29
3.3. Order of Pregnancy .....	30
3.4. Source of Referral to the ANC Clinic .....	32
3.5. Current Place of Residence .....	34
3.6. Current Occupation of the Respondent .....	36
3.7. Current Occupation of Spouse .....	36
3.8. Migration Status of Spouse .....	36
<b>Chapter 4. HIV Level among ANC Clinic Attendees</b> .....	41
4.1. HIV Prevalence at National Level .....	41
4.2. HIV Prevalence at State Level .....	42
4.3. HIV Prevalence at District/Site Level .....	42
<b>Chapter 5. HIV Prevalence among ANC Clinic Attendees by Their Background Characteristics</b> .....	49
5.1. HIV Prevalence among ANC Clinic Attendees by Age .....	49
5.2. HIV Prevalence among ANC Clinic Attendees by Literacy Status .....	51
5.3. HIV Prevalence among ANC Clinic Attendees by Order of Pregnancy .....	53
5.4. HIV Prevalence among ANC Clinic Attendees by Place of residence .....	54
5.5. HIV Prevalence among ANC Clinic Attendees by Source of Referral .....	54
5.6. HIV Prevalence among ANC Clinic Attendees by Current Occupation of Respondent and Spouse .....	56
5.7. HIV Prevalence among ANC Clinic Attendees by Migration Status of Spouse .....	57
5.8. HIV Prevalence among ANC Clinic Attendees by Syphilis sero-positivity .....	57

<b>Chapter 6. HIV Prevalence trend among ANC clinic attendees.....</b>	<b>60</b>
6.1. HIV Prevalence trend at National Level.....	60
6.2. HIV Prevalence trend at regional and state level .....	61
6.3. HIV Prevalence trends at district/site level.....	64
<b>SUMMARY.....</b>	<b>81</b>
<b>Annex 1:</b> State-wise number of HSS sites, 2003-15 .....	82
<b>Annex 2:</b> Bilingual Data form for Surveillance at ANC Sites, HSS 2014-15.....	84
<b>Annex 3:</b> SACS’s checklist - HSS 2014-15 .....	85
<b>Annex 4:</b> Pre Surveillance Sentinel Site Evaluation Form, HSS 2014-15.....	87
<b>Annex 5:</b> State-wise HIV prevalence among ANC clinic attendees, HSS 2003-2015 .....	88
<b>Annex 6:</b> State wise HIV prevalence among FSW, HSS 2003-2011 .....	89
<b>Annex 7:</b> State wise HIV prevalence among MSM, HSS 2003-2011 .....	90
<b>Annex 8:</b> State wise HIV prevalence among IDU, HSS 2003-2011 .....	91
<b>Annex 9:</b> State wise HIV prevalence among Single Male Migrants (SMM), Long Distance Truckers (LDT) and Transgender (TG), HSS 2003-2011 .....	92
<b>Annex 10:</b> List of ANC Sentinel Sites with HIV Prevalence of 1 percent or more among Antenatal Clinic Attendees, HSS 2014-15 .....	93
<b>Annex 11:</b> HIV Prevalence (%) at ANC Sentinel Sites, 2003-2015 by state.....	95
<b>Annex 12:</b> Staff involved in National HIV Sentinel Surveillance .....	129



# Acronyms

AIDS	Acquired Immuno-Deficiency Syndrome
AIIMS	All India Institute of Medical Sciences, New Delhi
ANC	Antenatal Clinic
CDC	Centers for Disease Control and Prevention
CHC	Community Health Center
CI	Confidence Interval
CTM	Central Team Member
DAPCU	District AIDS Prevention and Control Unit
DBS	Dried Blood Spot
ELISA	Enzyme-Linked Immunosorbent Assay
EQAS	External Quality Assurance Scheme
FSW	Female Sex Worker
HCV	Hepatitis C Virus
HIV	Human Immuno-deficiency Virus
HRG	High Risk Group
HSS	HIV Sentinel Surveillance
IBBS	Integrated Biological and Behavioural Surveillance
ICMR	Indian Council of Medical Research
IDU	Injecting Drug Users
LDT	Long Distance Truckers
M&E	Monitoring and Evaluation
MSM	Men who have Sex with Men
NACO	National AIDS Control Organisation
NACP	National AIDS Control Programme
NARI	National AIDS Research Institute, Pune
NGO	Non-Governmental Organisation
NICED	National Institute of Cholera and Enteric Diseases, Kolkata
NIE	National Institute of Epidemiology, Chennai
NIHFW	National Institute of Health and Family Welfare, New Delhi
NIMS	National Institute of Medical Statistics, New Delhi
NRL	National Reference Laboratory
OBG	Obstetrics & Gynecology
PGIMER	Postgraduate Institute of Medical Education and Research, Chandigarh
RI	Regional Institute
RIMS	Regional Institute of Medical Sciences, Imphal
SACS	State AIDS Control Society
SIMS	Strategic Information Management System
SMM	Single Male Migrant

SRL	State Reference Laboratory
STD	Sexually Transmitted Disease
TG	Transgender
TI	Targeted Intervention
TRG	Technical Resource Group
ToT	Training of Trainers
UNAIDS	Joint United Nations Programme on HIV/AIDS
UAT	Unlinked Anonymous Testing
UT	Union Territory
WHO	World Health Organisation

# List of Figures

Figure 1:	Population Groups under HIV Sentinel Surveillance .....	15
Figure 2:	Evolution of HIV Sentinel Surveillance in India.....	15
Figure 3:	Distribution of ANC HSS sites, HSS 2003, HSS 2006 and HSS 2014-15 .....	17
Figure 4:	Implementation Structure of HIV Sentinel Surveillance in India .....	23
Figure 5:	Socio-demographic variables collected under ANC HSS 2014-15 .....	24
Figure 6:	Percentage Distribution of Respondents by Age Group, India.....	27
Figure 7:	Percentage Distribution of Respondents by Literacy Status, India .....	29
Figure 8:	Percentage Distribution of respondents by order of Pregnancy, India.....	31
Figure 9:	Percentage Distribution of respondents by Source of Referral, India.....	33
Figure 10:	Percentage Distribution of respondents by place of residence for 2014-15 and 2012-13, ANC HSS.....	34
Figure 11:	HIV Prevalence (%) among ANC Client (2014-15) & other risk groups (2014-15), India.....	41
Figure 12:	State-wise HIV Prevalence (%) at ANC sites, HSS 2014-15 .....	44
Figure 13:	District-wise HIV Prevalence (%) among ANC Clinic Attendees, HSS 2014-15, India .....	46
Figure 14:	Year-wise distribution of valid sites in different HIV prevalence (%) categories among ANC Clinic Attendees, HSS 2014-15 .....	47
Figure 15:	Year-wise distribution of districts in different prevalence (%) categories among ANC Clinic Attendees, HSS 2003, 2006 and 2014-15 .....	48
Figure 16:	HIV Prevalence (%) among ANC Clinic Attendees by Age Group, HSS 2014-15 .....	49
Figure 17:	HIV prevalence (%) among ANC Clinic Attendees by Literacy Status, HSS 2014-15 .....	51
Figure 18:	HIV Prevalence (%) among ANC Clinic Attendees by Order of Pregnancy, HSS 2014-15.....	53
Figure 19:	HIV Prevalence (%) among ANC Clinic Attendees by Source of Referral, HSS 2014-15 .....	56
Figure 20:	Syphilis Prevalence (%) at ANC Sites, India and States, 2014-15 .....	59
Figure 21:	HIV Prevalence trend across different groups, India, 2014-15 .....	60
Figure 22:	Region-wise trends in ANC HIV Prevalence.....	61
Figure 23:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	61
Figure 24:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	62
Figure 25:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	62
Figure 26:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	63
Figure 27:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	63
Figure 28:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	63
Figure 29:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	64
Figure 30:	State-wise trends in ANC HIV Prevalence based on consistent sites .....	64

Figure 31: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Andhra Pradesh .....	65
Figure 32: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Karnataka .....	65
Figure 33: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Maharashtra .....	66
Figure 34: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Manipur .....	66
Figure 35: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Mizoram .....	67
Figure 36: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Nagaland .....	67
Figure 37: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Tamil Nadu .....	68
Figure 38: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Tamil Nadu .....	68
Figure 39: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Telangana .....	69
Figure 40: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Bihar .....	69
Figure 41: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Bihar .....	70
Figure 42: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Delhi .....	70
Figure 43: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Gujarat .....	71
Figure 44: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Gujarat .....	71
Figure 45: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Gujarat .....	72
Figure 46: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Haryana .....	72
Figure 47: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Jammu & Kashmir .....	73
Figure 48: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Jharkhand .....	73
Figure 49: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Odisha .....	74
Figure 50: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Punjab .....	74
Figure 51: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Punjab .....	75
Figure 52: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Rajasthan .....	75
Figure 53: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Rajasthan .....	76
Figure 54: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttar Pradesh .....	76
Figure 55: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttar Pradesh .....	77
Figure 56: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttar Pradesh .....	77
Figure 57: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttarakhand .....	78
Figure 58: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Arunachal Pradesh .....	78
Figure 59: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Assam .....	79
Figure 60: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Madhya Pradesh .....	79
Figure 61: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, West Bengal .....	80

# List of Tables

Table 1:	Scale up of No. of Sentinel Sites in India, 1998-2015 .....	16
Table 2:	Methodology of HIV Sentinel Surveillance at ANC Sentinel Sites .....	19
Table 3:	Regional Institutes for HIV Sentinel Surveillance & their State Allocation .....	22
Table 4:	Profile of Respondents at National Level, HSS .....	25
Table 5:	Median Age and Percentage Distribution of Respondents by Age Group and State, HSS 2014-15 .....	28
Table 6:	Percentage distribution of respondents by education and state, HSS 2014-15 .....	29
Table 7:	Percentage distribution of respondents by order of pregnancy and state, HSS 2014-15 .....	31
Table 8:	Percentage Distribution of respondents by source of referral and State, HSS 2014-15 .....	33
Table 9:	Percentage Distribution of respondents by current place of residence and State, HSS 2014-15 .....	35
Table 10:	Percentage Distribution of respondents by Occupation of respondent and State, HSS 2014-15 .....	37
Table 11:	Percentage Distribution of respondent by Occupation of spouse and State, HSS 2014-15 .....	38
Table 12:	Percentage Distribution of respondent with migration of spouse and State, HSS 2014-15 .....	39
Table 13:	HIV Prevalence among ANC Clinic Attendees with 95 percent CI by State, HSS 2014-15.....	42
Table 14:	State-wise number of high prevalence (> 1%) ANC Surveillance sites in HSS 2014-15 .....	45
Table 15:	State-wise distribution of districts having ANC sites showing 1% or more HIV prevalence in at least 3 out of last 6 rounds of HSS (HSS 2006 to HSS 2014 -15) .....	47
Table 16:	HIV Prevalence (%) among ANC Clinic Attendees by age group and State, HSS 2014-15 .....	50
Table 17:	HIV Prevalence (%) among ANC Clinic Attendees by Literacy status and State, HSS 2014-15 .....	52
Table 18:	HIV Prevalence (%) among ANC Clinic Attendees by Order of Pregnancy and State, HSS 2014-15 .....	53
Table 19:	HIV Prevalence (%) among ANC Clinic Attendees by place of residence and State, HSS 2014-15 .....	55
Table 20:	HIV Prevalence (%) among ANC Clinic Attendees by occupation of respondent and spouse, HSS 2014-15 .....	57
Table 21:	HIV Prevalence (%) among ANC Clinic Attendees by migration status of spouse and State, HSS 2014-15.....	58
Table 22:	HIV Prevalence (%) among ANC Clinic Attendees by syphilis sero-positivity, HSS 2014-15.....	59

# Executive Summary

India has one of the largest and the most robust HIV sentinel surveillance networks in the world. HIV sentinel surveillance data has helped to map emerging pockets of HIV epidemic and monitor HIV infection trends in the country at state and district level. It has served as a tool for development of differential approaches in the national response to HIV.

The 2014-15 HSS among Antenatal Clinic (ANC) attendees was the 14th round of surveillance, conducted in country by the National AIDS Control Organisation. This HSS is done biennially (once in two years) to obtain an estimate of the point prevalence for that year.

The 14th round of HSS was implemented during January-March 2014-15 at 776 Antenatal Clinic (ANC) Surveillance Sites covering 572 districts across 35 States and union territories (UTs) in the country. A National Integrated Biological and Behavioral Surveillance (IBBS) was carried out as a strategic shift towards strengthening surveillance among High Risk Groups (HRGs) and Bridge Populations. The methodology adopted during HSS 2014-15 continues to be Consecutive Sampling with Unlinked Anonymous Testing. Specimens were tested for HIV following the two test protocol. A total of 3,04,982 ANC samples were tested from 767 valid sites during HSS 2014-15.

A detailed analysis of the profile of ANC clinic attendees, considered proxy for general population, shows that almost 59% of the respondents were in the age group of 15-24 years, 42% of them had studied till 10th standard, 45% were primigravida (i.e. had first pregnancy), 64% were residing in rural areas, and 58% were referred from government hospitals. Eighty five percent of the respondents reported that they were housewives, 17% reported that their spouses were in government service and only 6% reported that their spouses had migrated to another town/place for work.

Demographic characteristics were cross tabulated with HIV positivity status of the respondents to analyze if any variation in HIV positivity was observed based on background characteristics. The HIV prevalence was higher in older-aged ANC Clinic Attendees. Prevalence was observed to be highest among respondents who were not literate, followed by those educated between 6th -10th standard. HIV prevalence was observed to be highest among those pregnant for the fourth or more time followed by the primigravidas. Respondents residing in urban areas and those referred from private hospital and NGOs reported higher HIV prevalence. ANC clinic attendees who were working as non-agricultural labourers and whose spouses were working as truck drivers/helpers reported higher HIV prevalence compared to other occupations. Respondents whose spouses had migrated to another place/town for work reported higher prevalence than those who were residing with the respondents.

The overall HIV prevalence among ANC clinic attendees, considered proxy for prevalence among general population, continues to be low at 0.29% (95% CI: 0.26%-0.32%). The highest prevalence was recorded in Nagaland (1.29%), followed by Mizoram (0.81%), Manipur (0.60%), Gujarat (0.56%) and Chhattisgarh (0.41%). Telangana (0.39%), Bihar (0.37%), Karnataka (0.36%) and Andhra Pradesh (0.33%) were other states which recorded HIV prevalence more than the national average. Maharashtra (0.32%), Punjab (0.32%), Rajasthan (0.32%) and Tamil Nadu (0.27%) recorded HIV prevalence similar to the national prevalence. Haryana (0.25%), Delhi (0.25%) and

Odisha (0.24%) recorded HIV prevalence slightly lower than the national average.

The number of surveillance sites among ANC had increased from 416 sites in 2003, 566 in 2006 and finally to 767 sites in HSS 2014-15. However, in the same period, the number of ANC HSS sites showing a prevalence of 1% or more had decreased from 140 in 2003 to 70 in 2014-15, consistent with long term declining prevalence trend. Of these 70 sites showing HIV prevalence more than 1%, 32 sites were in the moderate and low prevalence states of Assam, Bihar, Chhattisgarh, Delhi, Gujarat, Haryana, Jharkhand, Madhya Pradesh, Meghalaya, Odisha, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand. Nine sites across the country recorded a prevalence of 2% or more including 3 sites in the low prevalence states of Chhattisgarh, Gujarat and Rajasthan.

Data from consistent sites were analysed to interpret HIV trends. HIV prevalence among ANC clinic attendees continues to decline nationally, as well as in erstwhile high prevalence states of Andhra Pradesh, Maharashtra, Karnataka and Telangana. In the north eastern states of Manipur, Mizoram and Nagaland, the long term trend is declining, although, in recent past, a stabilizing trend is noted in these states. In the moderate and low prevalence states of Bihar, Delhi, Gujarat, Haryana, Punjab, Rajasthan and Uttar Pradesh, a rising trend is observed.

Intra-state variation in long term HIV trends among ANC clinic attendees was observed in the states showing stable to low HIV prevalence. These long term trends were analysed from consistent sentinel sites from 2002-06. While in some districts stable trends were observed,

several districts showed rising trends indicating that in certain pockets HIV transmission was still continuing to occur, and that the program needs to maintain a close focus on them. One example is state of Tamil Nadu which is showing long term declining trends of HIV prevalence but rising trends have been observed in some districts like Chennai, Dharmapuri, and Erode. A similar pattern was observed in the states of Nagaland, West Bengal, Telangana, Manipur, Maharashtra, Madhya Pradesh and Karnataka where 17% of districts showed a rising trend among consistent sites. HIV Prevalence among syphilis sero-positive pregnant women was significantly higher than the syphilis sero-negative pregnant women.

Overall sero-positivity of Syphilis at the national level was recorded at 0.14% (90% CI; 0.13-0.15). Madhya Pradesh (0.98%) had the highest sero-positivity. Seven states recorded Syphilis sero-positivity above the national average.

HIV Prevalence among syphilis sero-positive pregnant women was significantly higher than the syphilis sero-negative pregnant women.

#### **14th Round of HIV Sentinel Surveillance among ANC clinic attendees**

- Total Number of Districts with ANC Sites: 572;  
Total Number of Sentinel Sites: 776
- 3,04,982 women tested for HIV
- 70 ANC sentinel sites > 1% HIV sero-positivity
- 9 ANC sentinel sites > 2% HIV sero-positivity

# 1 Introduction

Surveillance is ‘Information for Action’. Outbreaks of infectious diseases have presented a public health challenge in developing countries; strong and robust surveillance systems help in timely identification and reporting of these outbreaks for prompt public health action. HIV Surveillance is necessary for tracking the changing trajectory of the epidemic in order to design interventions to achieve the most effective response.

*Surveillance is defined as ‘the ongoing systematic collection, collation, analysis and interpretation of data in order that action may be taken’*

## 1.1. Objectives and Applications of HIV Sentinel Surveillance

The national response to the HIV epidemic is guided by data obtained through several sources, including HIV Sentinel Surveillance (HSS). HSS in India has evolved according to the evolving Indian epidemic. Surveillance data, that is useful for characterizing the transmission dynamics fueling the Indian HIV epidemic, is collected, collated and analyzed on a periodic basis, among different population or geographical areas within the country.

The Indian HIV epidemic is concentrated, with high prevalence among High Risk Groups, moderate prevalence among bridge populations and low prevalence among general population. The drivers of the epidemic are unprotected paid sex with Female Sex Workers (FSW), unprotected anal sex between Men who have Sex with Men (MSM) and Hijra/transgenders (HTG) and Injecting Drug Use (IDU). Based on these transmission dynamics, India’s HIV epidemic pattern is monitored among the high risk groups, bridge populations as well as general population (Figure 1).

### Box 1. Objectives and Applications of HIV Sentinel Surveillance

#### Objectives

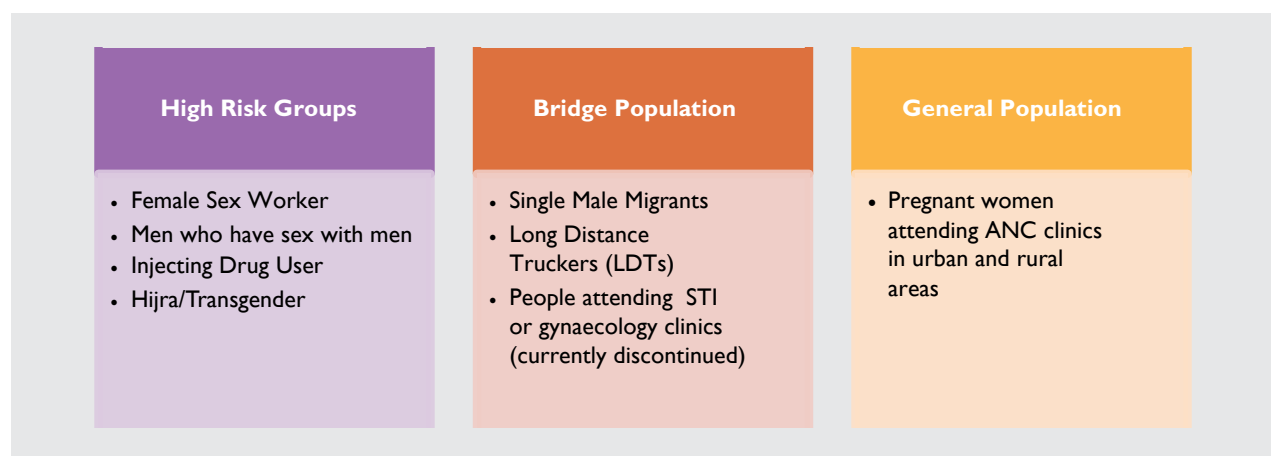
- To understand the levels and trends of the HIV epidemic among the general population, bridge populations as well as high risk groups in different states.
- To understand the geographical spread of HIV and to identify emerging pockets of epidemic.
- To provide information for prioritization of programme resources and evaluation of programme impact.
- To estimate HIV Prevalence and HIV burden in the country.

#### Applications

- Estimate and project burden of HIV at state & national levels
- Support programme prioritization and resource allocation
- Assist evaluation of programme impact
- Advocacy



**Figure 1: Population Groups under HIV Sentinel Surveillance**



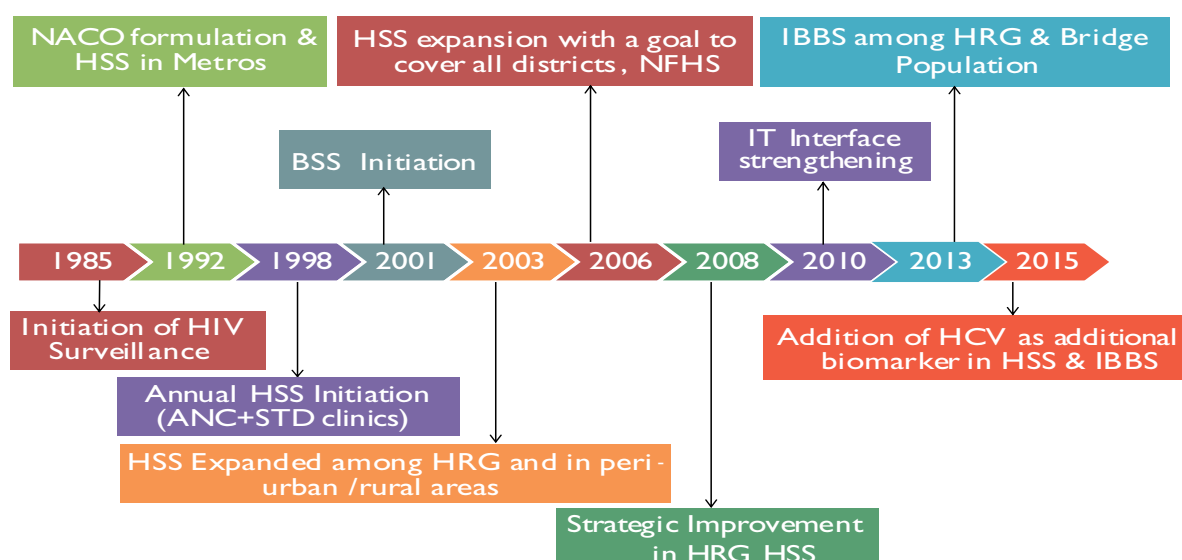
## 1.2. Evolution of HIV Sentinel Surveillance in India

HIV Sentinel Surveillance in India has evolved significantly over the past three decades (Figure 2). While HIV surveillance, for the first time, was initiated in India by the Indian Council of Medical Research (ICMR) as early as 1985, HIV sentinel surveillance was conducted by the National AIDS Control Organisation (NACO) at 52 sites in selected cities during 1993-94. In 1998, NACO formalized annual sentinel surveillance for HIV infection in the country with 176 sentinel sites (of which 92 were ANC sites).

The first major expansion of HIV surveillance took place in 2003 when more than 200 rural ANC sentinel sites were established at the community health center (CHC) level in most districts in high prevalence states, as well as in some districts in low prevalence states of north India. The next major expansion took place in the

year 2006 with an objective to have at least one sentinel site in every district of India (Table 1). In the same year, concurrent with the expansion of the surveillance network, the surveillance implementation structure was strengthened with the involvement of five leading public health institutions in the country as Regional Institutes (RIs) for providing technical support, guidance, monitoring and supervision for implementing HSS. Two more were added in 2008. Supervisory structures were further strengthened with the constitution of Central and State Surveillance Teams. Thereafter, there has been a systematic expansion in the geographical reach of surveillance and representation of priority populations that are key to tracking the Indian HIV epidemic. The next important development happened in 2013-15 when National Integrated Biological and Behavioural Surveillance (IBBS) was conducted among HRG and bridge population. HCV was also added as a biomarker in the 14th round of Surveillance as well as in IBBS.

**Figure 2: Evolution of HIV Sentinel Surveillance in India**



As the expansion continued, the geographical distribution of surveillance sites changed from concentration in high prevalence states to uniform distribution across the country. In 2003, 271 districts of the country had at least one ANC surveillance site and half of them were in the southern and western regions of country. By 2006, 464 districts in country had at least one ANC surveillance site. During the 14th round of HSS implementation, 572 districts had

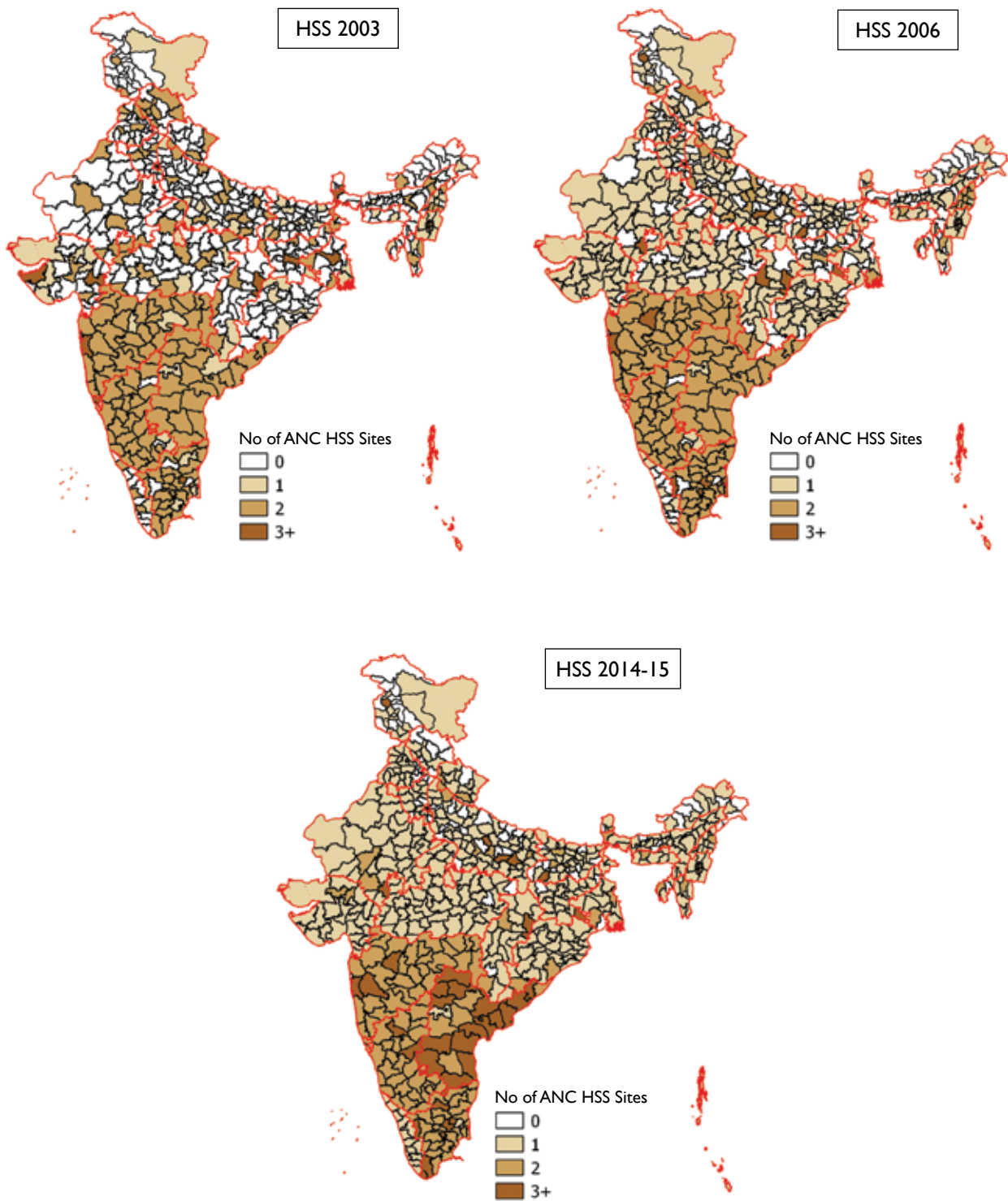
at least one ANC surveillance site, 57% of them were in northern , eastern & central regions, 30% were in the southern & western regions and the remaining 13% were in the north-eastern region of country. Figure 3 depicts the changing pattern of distribution of ANC surveillance sites in the country. The details on state wise distribution of HSS sites for the year 2003, 2006, 2010-11 and 2014-15 are provided in Annex-I.

**Table 1: Scale up of No. of Sentinel Sites in India, 1998-2015**

Site Type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2014-15
STD	76	75	98	133	166	163	171	175	251	248	217	184	13	-
ANC	92	93	111	172	200	476	390	391	628	646	660	696	750	776
IDU	5	6	10	10	13	18	24	30	51	52	61	79	-	-
MSM	-	-	3	3	3	9	15	18	31	40	67	96	-	-
FSW	1	1	2	2	2	32	42	83	138	137	194	261	-	-
Migrant	-	-	-	-	-	-	-	1	6	3	8	19	-	-
TG	-	-	-	-	-	-	-	1	1	1	1	3	-	-
Truckers	-	-	-	-	-	-	-	-	15	7	7	20	-	-
TB	2	2	-	-	-	-	7	4	-	-	-	-	-	-
Fisher-Folk/Seamen	-	-	-	-	-	1	-	-	1	-	-	-	-	-
Total	176	177	224	320	384	699	649	703	1122	1134	1215	1359	763	776

Note: IBBS was implemented among HRG and Bridge population during 2013-15.

**Figure 3: Distribution of ANC HSS sites, HSS 2003, HSS 2006 and HSS 2014-15, India**



# 2 Methodology and Implementation

This chapter describes the methodology of HIV Sentinel Surveillance and the implementation mechanisms adopted during HSS 2014-15. HIV Sentinel Surveillance is a system of monitoring HIV epidemic among specified population groups by collecting information on HIV from designated sites (sentinel sites) over years, through a uniform and consistent methodology that allows comparison of findings across place and time, to guide programme response.

Sentinel Sites are designated service point/facility where blood specimens & relevant information are collected from a fixed number of eligible individuals from a specified population group over a fixed period of time, periodically, for the purpose of monitoring the HIV epidemic.

## 2.1. Methodology of HIV Sentinel Surveillance at ANC Sentinel Sites

Under HIV Sentinel Surveillance, recruitment of respondents is done at selected ANC sentinel sites annually for a period of three months. At the low level of HIV prevalence in India, the classical survey method of sample size calculation gives a large sample size which is not feasible to collect through facility-based surveillance on an annual basis. Hence, based on operational and feasibility issues, a sample size of 400 for surveillance among ANC Clinic Attendees has been considered through a consensus of experts. Eligible respondents are enrolled till the sample size of 400 is reached or until the end of the surveillance period, whichever is earlier.

**The Eligibility criteria** for recruiting respondents at ANC sentinel site are:

1. Age 15-49 years, and
2. Pregnant woman attending the antenatal clinic for the first time during the current round of surveillance

If a pregnant woman becomes eligible by the above criteria, she is included in surveillance irrespective of issues like date of antenatal registration, HIV positivity status, participation in previous rounds of surveillance and whether she is tested under PPTCT or not. Also, a pregnant woman is recruited only once during a round of surveillance. To ensure this, the date of her previous visit to ANC clinic is verified. If the date of her previous visit to ANC clinic falls during the current round of surveillance, she is not recruited under surveillance.

**Sampling method** refers to the approach adopted at the sentinel site for recruiting eligible individuals into HSS. Consecutive sampling method is adopted in HSS in India for ANC clinic attendees. After the start of surveillance, all individuals attending the sentinel site facility (ANC clinic), who are eligible for inclusion in surveillance as per the defined criteria, are recruited in the order they attend the clinic. This sampling method removes all chances of selection or exclusion bias based on individual preferences and other reasons, and hence reduces selection bias. It is convenient, feasible and easy to follow.

**Testing strategy** refers to the approach adopted for collecting and testing blood specimens and handling the test results in HSS. Unlinked Anonymous Testing (UAT) strategy is adopted in HSS in India. Testing for HIV is done on a portion of blood specimen collected for routine diagnostic purposes (such as Syphilis, Haemoglobin etc)

after removing all personal identifiers. Neither the information collected in the data form nor the HIV test result from the blood specimen is ever linked to the individual from whom the information/specimen is collected. Neither the personnel collecting the blood specimen nor the personnel testing the blood specimen are able to track the results back to the individual. Hence, personal identifiers such as name, address, OPD registration number etc. are not mentioned anywhere on the data form, blood specimen, data form transportation sheet or sample transportation sheet. Similarly, the HSS sample number or any mark indicating inclusion in HSS are not mentioned in the ANC register or ANC Patient/OPD Card. Part of the blood specimen with identifiers is used for reporting the results of the test for which it has been collected. Part of the blood specimen without identifiers is sent for HIV testing under HSS. A referral for HIV testing is made for all ANC clinic attendees.

**Testing protocol** refers to the number of HIV tests conducted on the blood specimen collected during HSS. A two-test protocol is adopted in HSS. The first test is of high sensitivity and second test of high specificity and confirmatory in nature. Second test is done only if the first test is found to be reactive. HIV testing under surveillance is for the purpose of ascertaining HIV levels and trends in a community and not for case diagnosis. Hence, a two-test protocol is globally used for surveillance purposes. All the samples collected under HSS are also tested for syphilis. Here also, two test protocol is followed – first test is qualitative and second test is quantitative, if the first test is reactive.

The methodology of HIV Sentinel Surveillance at ANC sentinel sites is summarized in the **Table 2 below**.

## 2.2. Information Collected under HSS at ANC Sentinel Sites

HSS provides information on two bio-markers – HIV and Syphilis. All the blood specimens collected under HSS are tested for these two infections. Besides biomarkers, while recruiting an individual in HSS, information is collected on basic socio-demographic parameters such as age, education, self-occupation, spouse's occupation and order of pregnancy. The information collected is kept minimal and restricted to questions which can be asked under routine clinic procedures. During the recent rounds, a few questions were added to identify potential biases in the sample (eg. source of referral) or to further explain the profile of respondents with respect to their vulnerability (migration status of spouse), so that HIV prevalence estimates can be better explained and interpreted. The data form used in HSS 2014-15 is at **Annex-2**.

HSS 2014-15 collected information on the following nine key demographic variables from every respondent.

1. **Age:** Age of the respondent is recorded in number of completed years. Since age is a part of the eligibility criteria, improper recording or non-recording of age makes that sample invalid. Information on age helps in identifying the age groups with high HIV prevalence. In the absence of data on HIV incidence, high prevalence among younger age groups is considered proxy for recent infections.
2. **Literacy status:** Literacy status of an individual has a direct bearing on the awareness levels with respect to risks of acquiring HIV and means of protecting oneself. Literacy status of the pregnant woman helps

**Table 2: Methodology of HIV Sentinel Surveillance at ANC Sentinel Sites**

Sentinel Site	Antenatal clinic
Sample Size	400
Duration	3 months
Frequency	Once in 2 years
Sampling Method	Consecutive Sampling
Eligibility	Pregnant women Age 15-49 years; Attending ANC clinic for the first time during the current round
Testing Strategy	Unlinked Anonymous Testing
Blood Specimen	Serum collected through venous blood specimen
Testing Protocol	Two Test Protocol

in understanding differentials in HIV prevalence besides profiling the population of pregnant women accessing services at ANC clinic. This information may also be helpful to compare and standardize the demographic profiles of two independent samples under HSS while investigating any unusual increase or decrease in trends. Literacy status of respondents was classified into five categories as defined below.

- a. Illiterate: Without any formal or non-formal education
- b. Literate and till 5th standard: Those with non-formal education or those who joined school but not studied beyond 5th standard
- c. 6th to 10th standard: Those who studied beyond 5th standard but not beyond 10th standard
- d. 11th to Graduation: Those who studied beyond 10th standard but not beyond graduation. Includes those with technical education/ diplomas.
- e. Post Graduation: Who studied beyond graduation

**3. Order of current pregnancy:** The order of pregnancy denotes the number of times a woman has become pregnant. It includes the number of live births, still births and abortions. In the context of HIV, order of pregnancy indicates the duration of exposure to sexual risks. Since primi-gravida are likely to be exposed to sexual risks only recently, HIV prevalence among them is considered as proxy for new HIV infections and helps in understanding the HIV incidence in a region. The order of pregnancy is recorded as first, second, third and fourth or more.

**4. Source of referral to the ANC clinic:** Under HSS, ANC clinic attendees are enquired about who referred them to this clinic for antenatal checkup. This variable was added to the data collection form to understand the various sources of referral, especially to assess if there is any specific bias being introduced in the sample due to specific referrals of HIV positive cases from any source. There is published literature that indicates that there is disproportionate referral of HIV positive cases from private sector to government hospitals. Similarly, if there are higher numbers of referrals from ICTC/ ART centres in the sample, it may bias the HIV prevalence as those respondents are likely to be ones with exposure to HIV risk and risk perception or known HIV positives. This variable helps in assessing any such phenomenon. The response categories listed in the

HSS data form include

- a. Self-referral
- b. Family/ Relatives/ Neighbours/ Friends
- c. NGO
- d. Private Hospital (Doctors/ Nurses)
- e. Government Hospital (including ANM/ ASHA) and
- f. ICTC/ ART Centre

**5. Current Place of residence:** HSS records the reported current residence of the respondent as urban and rural. If the current place of residence of the respondent (the place she is living with her husband) falls under Municipal Corporation or Municipal Council or Cantonment Area, it is classified as Urban. Otherwise, it is recorded as Rural. Place of residence helps in studying the epidemic patterns in urban and rural areas separately, thereby giving insights to the programme for implementing interventions accordingly. In the context of erstwhile high prevalence states, urban rural differentials of HIV prevalence is important as HIV is known to have spread to rural areas, sometimes with higher prevalence in rural areas in these states. In the context of low prevalence states with rising trends where migration from rural areas to high prevalence destinations is likely to play a role, studying rural epidemics is important to characterise the epidemic appropriately.

**6. Duration of stay at current place of residence:** All the respondents are enquired about the duration of stay at the current place of residence (the place she is living with her husband) and the responses are recorded in years and months. If the duration is less than one year, '0' years and the number of months as reported by the respondent are recorded. If the duration is less than one month, the duration is recorded as '0' years, '1' month. Duration of stay at the current place of residence is asked to ascertain whether the pregnant woman indeed belongs to the place where the ANC clinic is situated. As it is a practice in India that pregnant women go to their maternal home for delivery, it is likely that they attend ANC clinic at the mother's place. If this is the case, her duration of stay will be only a few days or months. Though it is clarified to the counselor to enquire specifically for the place the respondent is living with her husband, this variable helps eliminate any reporting errors.

**7. Current Occupation of respondent:** Certain occupations are associated with higher exposure and risk to HIV. It is important to understand the profile of respondents and differentials of HIV with respect to their occupation. For this purpose, HSS has categorized occupations into thirteen categories ensuring that all the possible occupations are covered and the categories are relevant to the epidemiological analysis of HIV prevalence data. The occupation categories and their definitions, wherever required, are as below.

- a. Agricultural Labourer
- b. Non-Agricultural Labourer: includes workers at construction sites, quarries, stone crushers, road or canal works, brick-kilns, etc.
- c. Domestic Servant
- d. Skilled / Semiskilled worker: includes workers in small-scale or cottage industries; industrial/factory workers; technicians such as electricians, masons, plumbers, carpenters, goldsmiths, iron-smiths, those involved in automobile repair works etc.; artisans such as weavers, potters, painters, cobblers, shoe-makers, tailors etc.
- e. Petty business / small shop: Includes vendors selling vegetables, fruits, milk, newspapers, etc. or running a pan shop
- f. Large Business/Self employed: Includes professionals and businessmen
- g. Service (Govt./Pvt.): Those working on salary basis in government, private or institutional sector excluding drivers, hotel staff.
- h. Student
- i. Truck Driver/helper
- j. Local transport worker (auto/ taxi driver, handcart pullers, rickshaw pullers etc)
- k. Hotel Staff
- l. Agricultural cultivator/ landholder
- m. Housewife (In order to be consistent with the occupation codes for spouse of respondent, Housewife is given the code of I4.)

**8. Current Occupation of spouse:** Occupation of spouse is an important epidemiological variable that may help in identifying the population groups who are at higher risk of acquiring HIV. HSS used the same occupational categories as those used for the respondent. The two differences were that the category 'Unemployed' (code no.I3) is used in

the place of 'Housewife' and there is an additional category 'Not Applicable (For Never married/ Widows/ Divorced/ Separated)' (code no.99).

**9. Migration status of spouse:** In order to assess the effect of migration status of spouse on HIV prevalence among ANC clinic attendees, respondents in HSS were asked whether spouse resides alone in another place/ town away from wife for work for longer than 6 months. This question was not applicable to those respondents who are never married/ widowed/ divorced/ separated.

### 2.3. Implementation Structure of HIV Sentinel Surveillance in India

HIV Sentinel Surveillance has a robust structure for planning, implementation and review at national, regional and state levels. The structure and key functions of each agency involved are shown in **Figure 4**.

**National Level:** National AIDS Control Organisation is the nodal agency for strategy formulation for HIV surveillance and commissioning each round of HSS. NACO is advised by Technical Resource Group (TRG) on Surveillance and Estimation, comprising of distinguished experts from the fields of Epidemiology, Demography, Surveillance, Biostatistics and Laboratory Services from national and international organisations, on the broad strategy and implementation plans of HSS and reviews the outcomes of each round. Two National institutes - National Institute of Health and Family Welfare (NIHFW) and National Institute of Medical Statistics, (NIMS) - provide support in planning and coordination of activities at national level. Besides, the Central Team coordinated by NIHFW, New Delhi, comprise experts from CDC India, WHO India, UNAIDS India, medical colleges and other national and international agencies provide support in training and supervision.

**Regional Level:** Since 2006, five public health institutes have been identified in the country as Regional Institutes (RI) for HSS that provide technical support to SACS in all activities of HIV Sentinel Surveillance starting with identification of new sites, training, monitoring and supervision, and in improving quality of the data collected and its analysis. Data entry is another function performed by RIs. In 2008, one more RI was identified for the North Eastern states. The team at each RI comprises of two epidemiologist/ public health experts and one microbiologist. They are supported by one Project Coordinator, two research officers, one computer assistant/data

manager and four to ten data entry operators depending on the volume of data entry. Names of the six Regional Institutes and distribution of states is given in the **Table 3** below.

**State Level:** At the state level, SACS is the primary agency responsible for implementation of HSS. NACO has also appointed state epidemiologists at the SACS to support the activities and promote data analysis at the state level. Apart from these, every state has a State Surveillance Team (SST), comprising of public health experts and microbiologists who support SACS in the training of the personnel involved in sentinel surveillance system as well as supervision and monitoring. SSTs are constituted by RIs in consultation with SACS and all their activities are coordinated by RIs.

**District Level:** At the district level, in the districts where District AIDS Prevention & Control Units (DAPCUs) are functional, the DAPCU staff is also involved in coordination of HSS activities at the sentinel sites in their districts and the associated testing labs.

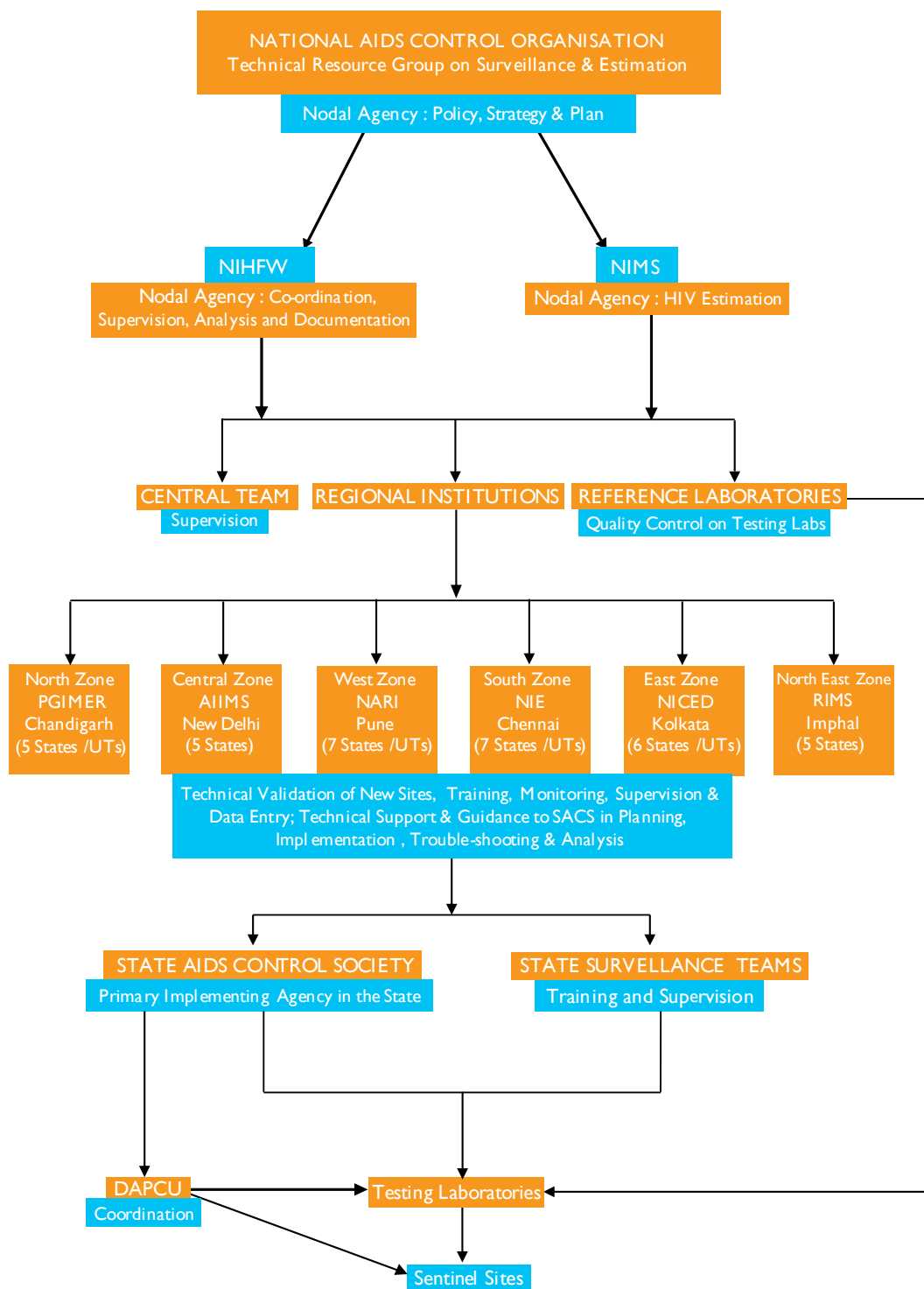
**Laboratory Network:** Laboratory support is provided by a network of testing labs and reference labs. There are 117 State Reference Laboratories (SRL) that conduct primary testing of blood specimens collected under HSS. Thirteen National Reference Laboratories (NRL) provide External Quality Assurance to the SRLs through repeat testing of all HIV positive blood specimens and 5% of HIV negative specimens.

**Table 3: Regional Institutes for HIV Sentinel Surveillance & their State Allocation**

Name of Regional Institution	States of Responsibility
Central Zone: All India Institute of Medical Science, New Delhi (5 States)	Uttar Pradesh, Bihar, Jharkhand, Uttarakhand, and Delhi
North Zone: Post-graduate Institute of Medical Education and Research, Chandigarh (5 States)	Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab and Chandigarh
West Zone: National AIDS Research Institute, Pune (7 States)	Maharashtra, Gujarat, Goa, Madhya Pradesh, Rajasthan, Daman & Diu and Dadra Nagar Haveli.
South Zone: National Institute of Epidemiology, ICMR, Chennai (7 States)	Andhra Pradesh, Telangana, Tamil Nadu, Karnataka, Kerala, Odisha, Puducherry
East Zone: National Institute of Cholera and Enteric Diseases, Kolkata (6 States)	West Bengal, Chhattisgarh, Sikkim, Andaman & Nicobar Islands, Meghalaya and Nagaland
North East Zone: Regional Institute of Medical Sciences, Imphal (5 States)	Manipur, Mizoram, Tripura, Assam and Arunachal Pradesh



**Figure 4: Implementation Structure of HIV Sentinel Surveillance in India**



# 3 Profile of Respondents

The 14th round of HSS was implemented during 2014-15 at 776 Antenatal clinic (ANC) surveillance sites covering 572 districts across 35 States and UTs in country.

Data was collected from each respondent on key nine socio-demographic variables (Figure 5). Analysis of these variables is important because they help programme managers and policy makers understand the background

characteristics of clinic attendees. Also they help in the identification of particular characteristics which make respondents more prone to acquiring HIV infection and assessing how representative the sample is.

**Figure 5: Socio-demographic variables collected under ANC HSS 2014-15**



Data collected from any ANC Sentinel site is considered valid only if 75% of the target sample size is achieved. A sample collected from ANC clinic attendees is considered valid if it has the valid sample ID, age and blood specimen is accepted by the testing lab. ANC HSS 2014-15 was implemented in 776 sites and 767 sites achieved the minimum valid sample size of 300. The following sections in this chapter describe the respondent profile in terms of the key demographic parameters as listed above.

The Table 4 below presents the profile of respondents at the national level. As per the ANC HSS 14th round, the median age of the respondents was 24 years. More than half of them (51%) were in the age group of 20-24 years; 42% had studied till 6th-10th standard. Slightly less than

half (45%) of the ANC clinic attendees were primis. Sixty four percent of them were residing in rural areas and almost two thirds of clinic attendees were referred from government facilities including ANM, ASHA etc. More than four fifth of the respondents (85%) were housewives. The most common occupations among the spouses of the respondents were non-agricultural labourer (19%) followed by Government/private service (17%), skilled/semi-skilled worker (16%) and agricultural labourer (14%). Only 6% of ANC clinic attendees reported that their spouse reside in another place for work for longer than 6 months. The demographic and socio-economic characteristics of the ANC HSS 2014-15 round were largely similar to the last round i.e., ANC HSS 2012-13.

**Table 4: Profile of Respondents at National Level, HSS**

Background Characteristics	2014-15		2012-13	
	N*	%	N*	%
<b>Age</b>	<b>(N=304982)</b>		<b>(N=294732)</b>	
Median Age (yrs)	24	--	23	--
15-24	179433	58.9	1,79,227	60.8
25-34	117718	38.6	108837	36.9
35-44	7755	2.5	6579	2.2
45-49	76	0.0	89	0
<b>Literacy status</b>	<b>(N=304558)</b>		<b>(N=294278)</b>	
Illiterate	47884	15.7	52,806	17.9
Literate and till 5th standard	49909	16.4	50,438	17.1
6th to 10th standard	126584	41.6	1,24,292	42.2
11th to Graduation	69264	22.7	57,915	19.7
Post Graduation	10917	3.6	8,827	3
<b>Order of current pregnancy</b>	<b>(N=304561)</b>		<b>(N=294270)</b>	
First	136418	44.8	1,36,324	46.3
Second	110911	36.4	1,04,837	35.6
Third	41167	13.5	37,983	12.9
Fourth or more	16065	5.3	15,126	5.1
<b>Current place of residence</b>	<b>(N=303459)</b>		<b>(N=292918)</b>	
Urban (Municipal Corporation / Council /Cantonment)	109498	36.1	1,09,031	37.2
Rural	193961	63.9	1,83,887	62.8

**Table 4: Contd...**

Background Characteristics	2014-15		2012-13	
	N*	%	N*	%
<b>Source of referral to ANC clinic</b>	<b>(N=304423)</b>		<b>(N=294080)</b>	
Self Referral	59394	19.5	64926	22.1
Family/ Relatives/ Neighbors/ Friends	59385	19.5	54890	18.7
NGO	2839	0.9	4168	1.4
Private Hospital (Doctor/ Nurses)	5019	1.6	5942	2
Govt (including,ASHA/ ANM)	176018	57.8	159988	54.4
ICTC / ART Centre	1768	0.6	4166	1.4
<b>Current Occupation of respondent</b>	<b>(N=304782)</b>		<b>(N=294522)</b>	
Agricultural Labourer	15236	5.0	16816	5.7
Non-Agricultural Labourer	6886	2.3	7821	2.7
Domestic Servant	1356	0.4	2330	0.8
Skilled / Semiskilled worker	3670	1.2	3476	1.2
Petty business / small shop	1987	0.7	2083	0.7
Service (Govt./Pvt.)	8631	2.8	7703	2.6
Student	2976	1.0	2904	1.0
Agricultural cultivator	3486	1.1	2827	1.0
Housewife	259771	85.2	247644	84.1
Others*	783	0.3	918	0.3
<b>Current Occupation of Spouse</b>	<b>(N=304619)</b>		<b>(N=294296)</b>	
Agricultural Labourer	43320	14.2	56,111	19.1
Non-Agricultural Labourer	57773	19.0	48,102	16.3
Domestic Servant	1009	0.3	45,428	15.4
Skilled / Semiskilled worker	49908	16.4	44,779	15.2
Petty business / small shop	32563	10.7	31,578	10.7
Large Business/Self employed	7964	2.6	21,074	7.2
Service (Govt./Pvt.)	52350	17.2	18,083	6.1
Student	3325	1.1	8,908	3
Truck Driver/helper	6234	2.0	6,459	2.2
Local transport worker (auto/ taxi driver)	22177	7.3	4,987	1.7
Hotel Staff	4238	1.4	3,849	1.3
Agricultural cultivator	19183	6.3	3,233	1.1

**Table 4: Contd...**

Background Characteristics	2014-15		2012-13	
	N*	%	N*	%
Unemployed	4192	1.4	1,275	0.4
Not Applicable (For widows /unmarried women)	383	0.1	430	0.1
<b>Spouse resides alone in another place/town from wife for work for longer than 6 months</b>	<b>(N=302430)</b>		<b>(N=292218)</b>	
1. Yes	19209	6.3	1,74,93	6
2. No	283221	93.4	2,74,725	93.9

\* N will vary w.r.t. all the demographic variables as there were missing values

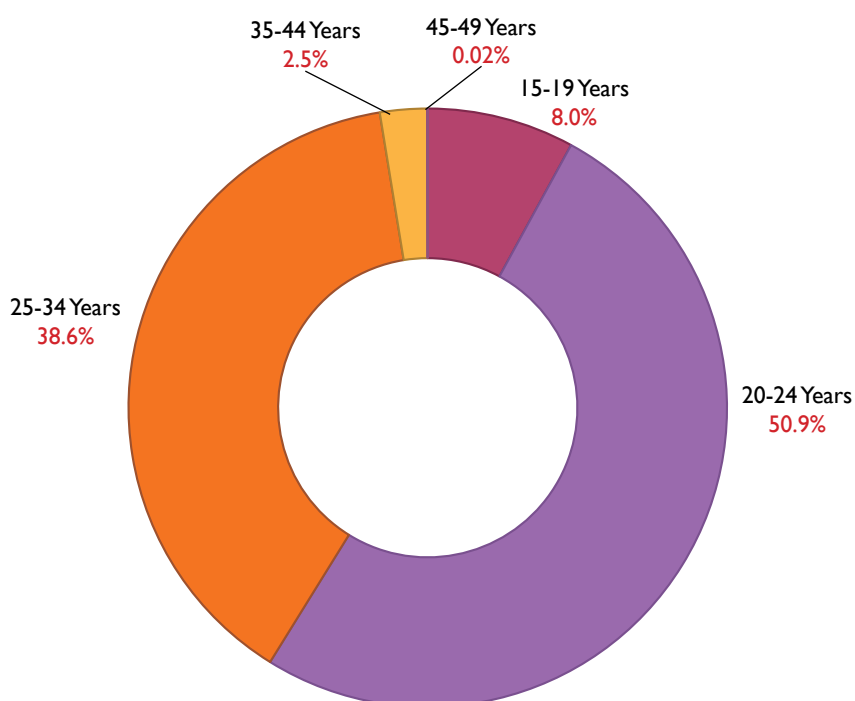
### 3.1. Age of the respondent

Age of all respondents is mandatorily recorded during surveillance. Data forms of respondents with no record of age are discarded and not included in the analysis. At National level, the median age of the ANC clinic attendees was 24 years while at state level it ranged between 22 years in Andhra Pradesh, Dadra & Nagar Haveli, Jharkhand, Tripura and West Bengal to 26 years or more in Jammu & Kashmir and north eastern states of Manipur, Mizoram and Nagaland. Nationally, more than half of the respondents were in the age group of 20-24 years and 39% were in the age group of 25-34 years. Eight percent of the respondents were in the age group of 15-

19 years and only 3% of the respondents were aged 35-44 years (Figure 6).

However, there were inter-state variations with one fourth or more of the ANC clinic attendees in the age group of 15-19 years in Tripura (25%) and West Bengal (27%) compared to the national average of 8%. More than half of the ANC clinic attendees were in the age group of 25-34 years in Himachal Pradesh (52%), Kerala (53%), Mizoram (54%), Nagaland (54%) and Jammu & Kashmir (59%). Compared to national average (3%), a higher proportion of respondents were found in the age group of 35-44 years in the north eastern (Mizoram-10%, Manipur-10%, Nagaland-9%, Meghalaya-7%) part of the country (Table 5).

**Figure 6: Percentage Distribution of Respondents by Age Group, India**



**Table 5: Median Age and Percentage Distribution of Respondents by Age Group and State, HSS 2014-15, India**

State	N	Median Age (yrs)	15-19	20-24	25-34	35-44	45-49
			%	%	%	%	%
Andaman & Nicobar Islands	1589	25	10.2	39.0	46.1	4.8	0.0
Andhra Pradesh	15095	22	11.9	63.7	23.9	0.5	0.0
Arunachal Pradesh	3199	25	10.2	33.7	50.2	5.8	0.1
Assam	10793	24	11.5	44.7	40.3	3.3	0.1
Bihar	11562	23	8.3	49.4	39.6	2.6	0.1
Chandigarh	400	24	4.0	48.5	44.8	2.8	0.0
Chhattisgarh	7814	23	7.0	57.2	33.9	1.9	0.0
Dadra & Nagar Haveli	398	22	18.6	53.3	26.6	1.5	0.0
Daman & Diu	800	24	6.8	48.8	42.4	2.1	0.0
Delhi	2000	24	5.0	50.3	43.1	1.7	0.0
Goa	1199	25	5.2	40.3	49.2	5.3	0.0
Gujarat	10962	24	6.0	52.2	39.6	2.2	0.0
Haryana	6399	23	6.0	56.5	35.3	2.2	0.0
Himachal Pradesh	2800	25	3.6	42.2	51.5	2.6	0.0
Jammu & Kashmir	5997	27	3.1	28.0	59.1	9.8	0.1
Jharkhand	9600	22	15.4	49.2	33.2	2.2	0.1
Karnataka	24711	23	9.5	54.3	34.9	1.3	0.0
Kerala	5594	25	6.0	37.0	52.7	4.4	0.0
Madhya Pradesh	19562	23	5.7	56.6	36.1	1.5	0.0
Maharashtra	30374	23	8.3	60.2	30.2	1.3	0.0
Manipur	5515	26	7.5	32.4	50.1	9.8	0.2
Meghalaya	3099	24	13.7	37.9	40.9	7.4	0.1
Mizoram	3561	26	6.6	29.6	53.5	10.2	0.0
Nagaland	4720	26	8.3	29.4	53.6	8.6	0.1
Odisha	12753	24	5.7	50.3	41.2	2.8	0.0
Puducherry	800	24	6.5	46.8	45.9	0.9	0.0
Punjab	7200	24	3.1	47.9	47.2	1.8	0.0
Rajasthan	13987	24	3.8	53.1	40.8	2.3	0.0
Sikkim	1596	25	10.8	35.0	47.7	6.3	0.1
Tamil Nadu	28773	24	6.7	53.4	38.4	1.5	0.0
Telangana	9995	23	7.6	59.4	32.4	0.5	0.0
Tripura	1591	22	25.1	41.4	31.6	1.9	0.0
Uttar Pradesh	25457	24	3.5	46.8	46.5	3.2	0.0
Uttarakhand	5905	24	3.6	51.2	43.4	1.8	0.0
West Bengal	9182	22	26.5	46.3	26.1	1.2	0.0
<b>India</b>	<b>304982</b>	<b>24</b>	<b>8.0</b>	<b>50.9</b>	<b>38.6</b>	<b>2.5</b>	<b>0.02</b>

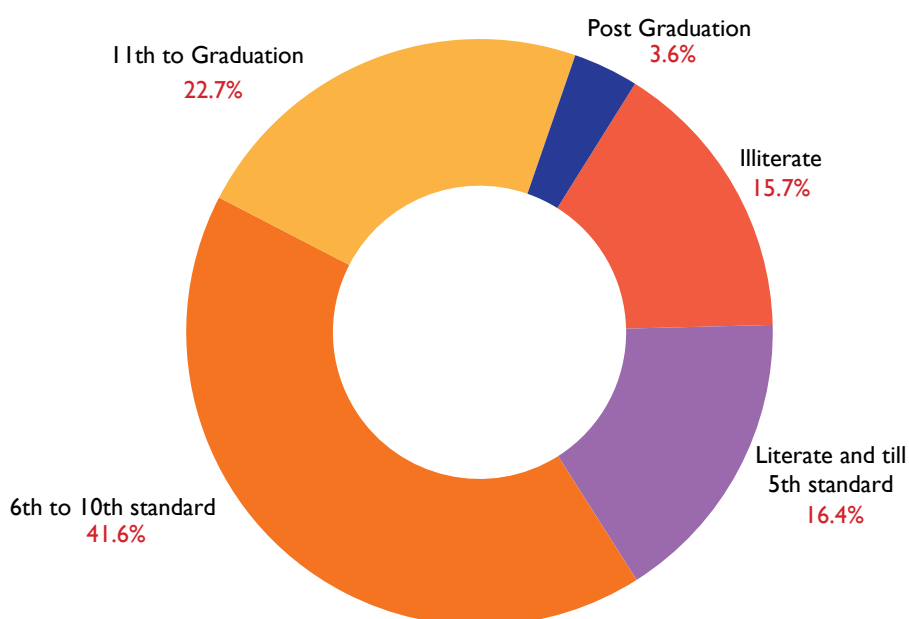
### 3.2. Literacy Status

Literacy status of respondents was classified into five categories in HSS 2014-15: Illiterate, literate & till 5th standard, 6th to 10th standard, 11th to Graduation and Post Graduation. Nationally, more than two fifth of the ANC clinic attendees had studied upto sixth to tenth standard followed by 23% of the respondents who had studied from 11th to graduation; 16% studied till 5th standard while another 4% studied till post graduation. Sixteen percent of the ANC clinic attendees reported to be illiterate (Figure 7).

State-wise variation was observed with a higher proportion of respondents reported to be illiterate in

Bihar (36%) followed by Jammu & Kashmir (32%), Rajasthan (26%), Uttar Pradesh (26%) and Telangana (23%). A higher proportion of respondents, compared to national average, reported studying from 6th to 10th standard in Tripura (61%), Goa (58%), Mizoram (56%), Maharashtra (53%) and Karnataka (52%). More than two fifth of the ANC clinic attendees reported to have studied between 11th to graduation in Andaman and Nicobar Island (43%), Puducherry (44%), Himachal Pradesh (52%) and Kerala (54%). A higher proportion of ANC clinic attendees had studied till post graduation in Himachal Pradesh (11%), Uttarakhand (10%), Puducherry (9%) and Kerala (9%) in comparison to the national average of 4% (Table 6).

**Figure 7: Percentage Distribution of Respondents by Literacy Status, India**



**Table 6: Percent distribution of respondents by education and state, HSS 2014-15, India**

State	N	Illiterate	Literate & till 5th standard	6th to 10th standard	11th to Graduation	Post Graduation
		%	%	%	%	%
Andaman & Nicobar Islands	1589	3.4	6.9	41.5	43.2	5.0
Andhra Pradesh	15041	16.6	22.0	39.5	19.4	2.5
Arunachal Pradesh	3196	20.2	15.2	32.0	28.8	3.8
Assam	10783	13.0	17.9	44.6	22.3	2.2
Bihar	11537	35.7	24.0	25.5	14.1	0.8
Chandigarh	400	9.8	13.3	38.0	32.3	6.8
Chhattisgarh	7805	13.1	20.6	46.0	17.4	2.9
Dadra & Nagar Haveli	398	20.9	16.1	40.7	20.9	1.5
Daman & Diu	799	12.6	13.8	52.1	19.1	2.4
Delhi	2000	16.6	12.6	41.5	26.4	2.9

**Table 6: Contd...**

State	N	Illiterate	Literate & till 5th standard	6th to 10th standard	11th to Graduation	Post Graduation
		%	%	%	%	%
Goa	1198	12.9	12.7	57.9	15.9	0.7
Gujarat	10954	21.6	22.0	44.7	9.3	2.5
Haryana	6387	16.4	19.4	34.6	25.2	4.4
Himachal Pradesh	2798	3.2	3.7	30.3	51.9	10.9
Jammu & Kashmir	5987	32.3	9.2	30.0	24.3	4.2
Jharkhand	9574	19.6	19.4	36.6	21.5	2.9
Karnataka	24681	14.8	11.4	52.0	20.0	1.9
Kerala	5574	0.8	2.9	33.4	54.4	8.5
Madhya Pradesh	19539	16.0	22.4	39.5	17.6	4.5
Maharashtra	30347	8.3	10.7	53.0	25.9	2.1
Manipur	5503	11.5	12.7	50.6	23.3	1.9
Meghalaya	3094	16.9	30.1	39.6	12.6	0.8
Mizoram	3560	2.0	10.4	55.8	27.5	4.3
Nagaland	4701	11.6	20.4	47.8	19.4	0.7
Odisha	12741	16.8	17.6	49.8	14.9	0.9
Puducherry	800	1.3	2.5	43.1	44.1	9.0
Punjab	7193	19.7	20.0	35.7	20.9	3.8
Rajasthan	13969	25.7	23.8	30.2	14.0	6.2
Sikkim	1594	7.2	25.0	48.1	16.6	3.0
Tamil Nadu	28764	4.3	7.5	47.7	34.8	5.7
Telangana	9959	23.0	18.0	35.2	21.5	2.4
Tripura	1591	3.1	17.3	60.8	16.5	2.1
Uttar Pradesh	25429	25.5	18.2	25.8	24.4	6.1
Uttarakhand	5900	9.3	14.0	30.7	36.0	10.0
West Bengal	9173	12.2	24.6	49.9	12.5	0.9
<b>India</b>	<b>304558</b>	<b>15.7</b>	<b>16.4</b>	<b>41.6</b>	<b>22.7</b>	<b>3.6</b>

### 3.3. Order of Pregnancy

The order of pregnancy denotes the number of times a woman has become pregnant. In the context of HIV, order of pregnancy indicates the duration of exposure to sexual risks. HIV prevalence among primi-gravida is considered sometimes as a proxy for new HIV infections and helps in understanding the HIV incidence in a region. It includes the number of live births, still births and abortions. It is also referred to as gravidity.

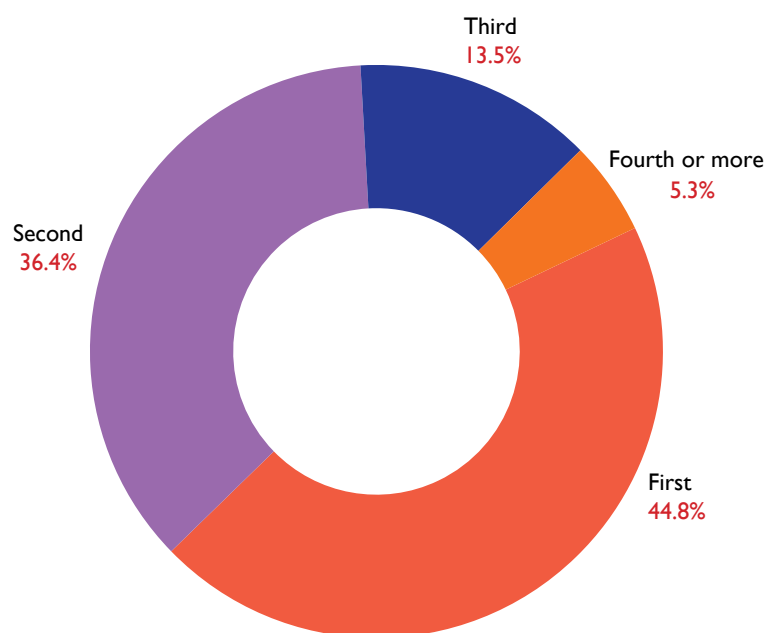
Nationally, higher proportion of ANC clinic attendees were primigravida (45%) followed by 36% with their second pregnancy, 14% with third and while only 5%

reported to be pregnant for the fourth or more time (Figure 8).

As compared to the national average, a higher proportion of respondents in Tripura (59%), West Bengal (53%) and Assam (52%) reported to be pregnant for the first time. Higher proportion of respondents than national average reported to be pregnant for the third time in Mizoram (21%), Bihar (20%) and Uttar Pradesh (18%). Compared to national average, higher proportion of respondents reported to be pregnant for fourth or more time in the North eastern part of the country with 25% in Meghalaya, 14% in Mizoram, 13% in Nagaland and 10% in Manipur & Bihar (Table7).



**Figure 8: Percentage Distribution of respondents by order of Pregnancy, HSS 2014-15, India**



**Table 7: Percentage Distribution of respondents by order of pregnancy and state, HSS 2014-15, India**

State	N	First	Second	Third	Fourth or more
		%	%	%	%
Andaman & Nicobar Islands	1589	45.2	37.3	13.2	4.3
Andhra Pradesh	15015	47.9	41.7	8.7	1.6
Arunachal Pradesh	3197	39.6	36.3	17.2	6.9
Assam	10787	52.4	35.3	9.5	2.8
Bihar	11546	37.6	32.8	19.8	9.7
Chandigarh	400	34.5	37.5	22.0	6.0
Chhattisgarh	7802	50.5	33.3	12.5	3.8
Dadra & Nagar Haveli	398	41.5	34.4	19.6	4.5
Daman & Diu	799	42.4	34.3	15.6	7.6
Delhi	2000	39.4	36.6	17.3	6.8
Goa	1199	43.7	40.0	13.9	2.3
Gujarat	10955	42.4	35.0	15.6	7.0
Haryana	6390	40.2	36.0	15.5	8.3
Himachal Pradesh	2796	48.9	37.2	10.6	3.3
Jammu & Kashmir	5987	38.0	33.8	18.7	9.5
Jharkhand	9584	44.8	32.8	15.8	6.6
Karnataka	24692	45.9	38.0	13.0	3.1
Kerala	5576	44.2	38.4	13.3	4.1

**Table 7: Contd...**

State	N	First	Second	Third	Fourth or more
		%	%	%	%
Madhya Pradesh	19528	47.9	35.5	12.5	4.1
Maharashtra	30343	46.0	37.1	13.3	3.5
Manipur	5508	41.7	33.5	14.5	10.3
Meghalaya	3095	32.6	26.4	16.2	24.9
Mizoram	3555	34.7	30.0	21.0	14.3
Nagaland	4708	39.3	31.0	16.4	13.3
Odisha	12736	50.2	36.0	10.3	3.5
Puducherry	800	50.3	37.8	9.5	2.5
Punjab	7195	45.6	36.9	13.3	4.1
Rajasthan	13975	45.0	34.3	14.6	6.1
Sikkim	1592	48.2	38.9	9.9	3.0
Tamil Nadu	28766	43.9	42.6	10.9	2.6
Telangana	9962	44.5	41.8	11.9	1.8
Tripura	1591	58.5	32.2	7.7	1.6
Uttar Pradesh	25419	39.3	32.7	18.0	10.0
Uttarakhand	5904	45.7	35.8	13.5	5.0
West Bengal	9172	53.1	36.2	8.8	2.0
<b>India</b>	<b>304561</b>	<b>44.8</b>	<b>36.4</b>	<b>13.5</b>	<b>5.3</b>

### 3.4. Source of Referral to the ANC Clinic

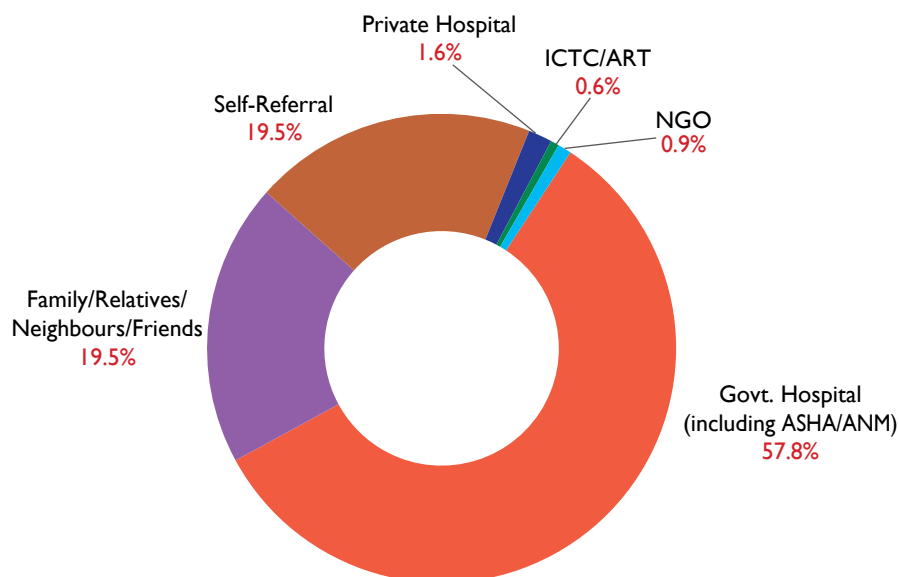
Source of referral helps to identify if specific bias is being introduced in the sample due to referral from a particular source repeatedly. The response categories listed in the HSS data form include Self-referral, Family/ Relatives/ Neighbours/ Friends, NGO, Private Hospital (Doctors/ Nurses), Government Hospital (including ANM/ ASHA) and ICTC/ ART Centre. Government health care providers include ANM, ASHA, doctors/ nurses at PHC, CHC, etc.

Nationally, almost 58% of the respondents were referred from government hospital (including ASHA/ANM) followed by those referred by family/neighbors/friends (20%) while one fifth reported to come to ANC clinic on their own. A very small proportion of respondents were referred from private hospital (1.0%), NGO (0.9%) and ICTC/ART centers (0.6%) (Figure 9).

Proportion of respondents who came to ANC sites on

their own (self referral) were high in certain states such as Sikkim (78%), Arunachal Pradesh (71%), Meghalaya (69%), Puducherry (68%), Kerala (66%), Goa (64%) and Delhi (50%). On the contrary, Andaman & Nicobar Island (1.3%) and Tripura (4%) had a very small proportion of respondents who were self referred to the ANC clinic. Compared to national average, higher proportion of ANC clinic attendees in Tripura (38%), Haryana (36%), Jharkhand (33%), Uttarakhand (31%), Uttar Pradesh (31%) and Daman & Diu (30%) were referred by family/relative/neighbor/friends. Manipur (5%) and Nagaland (5%) reported relatively higher proportion of referral from NGO in comparison to national level trend. Referral from private hospital (Doctor/Nurses) was higher compared to national level in Jharkhand (8%), Bihar (5%) and Gujarat (5%). Lower proportions of respondents were referred from government hospital in Arunachal Pradesh (17%), Sikkim (15%), Kerala (12%) and Puducherry (10%). Referral from ICTC/ART Centre was below 2% in all the states except Mizoram (13%) (Table 8).

**Figure 9: Percentage Distribution of respondents by Source of Referral, HSS 2014-15, India**



**Table 8: Percentage Distribution of respondents by source of referral and State, HSS 2014-15, India**

State	N	Self-Referral	Family /Relatives /Neighbors /Friends	NGO	Private Hospital (Doctor /Nurses)	Govt. Hospital (including ASHA/ANM)	ICTC/ ART Centre
		%	%	%	%	%	%
Andaman & Nicobar Islands	1587	1.3	0.2	0.0	0.1	98.4	0.0
Andhra Pradesh	15082	17.4	27.3	0.4	4.3	50.5	0.1
Arunachal Pradesh	3196	70.9	9.7	0.2	2.8	16.5	0.0
Assam	10759	9.0	10.1	0.2	0.6	80.1	0.0
Bihar	11532	7.8	23.7	0.5	5.1	62.9	0.1
Chandigarh	400	0.0	0.0	0.0	0.0	100.0	0.0
Chhattisgarh	7799	9.0	28.6	1.3	0.1	60.8	0.2
Dadra & Nagar Haveli	397	58.7	20.4	0.0	0.3	20.7	0.0
Daman & Diu	799	12.5	29.5	0.1	2.4	54.8	0.6
Delhi	2000	51.4	24.1	0.1	1.1	23.4	0.0
Goa	1198	64.4	1.6	0.0	0.1	34.0	0.0
Gujarat	10936	34.3	24.8	0.8	4.8	35.1	0.2
Haryana	6395	8.9	36.3	0.1	1.1	53.5	0.0
Himachal Pradesh	2794	23.6	3.0	0.0	1.0	72.2	0.1
Jammu & Kashmir	5979	29.9	9.0	0.0	0.5	59.4	1.2
Jharkhand	9576	16.8	33.2	2.7	7.6	37.7	2.1
Karnataka	24674	9.9	13.6	0.0	0.7	74.4	1.4
Kerala	5571	65.5	20.7	0.1	1.7	12.0	0.0
Madhya Pradesh	19529	3.7	8.8	0.0	0.1	87.2	0.2
Maharashtra	30336	21.5	19.9	2.9	1.1	54.5	0.1
Manipur	5439	18.3	30.8	5.4	0.3	45.1	0.1
Meghalaya	3091	68.5	7.9	0.0	0.4	23.2	0.0
Mizoram	3559	39.7	2.1	0.3	3.4	41.8	12.6

**Table 8: Contd...**

State	N	Self-Referral	Family /Relatives /Neighbors /Friends	NGO	Private Hospital (Doctor /Nurses)	Govt. Hospital (including ASHA/ANM)	ICTC/ ART Centre
		%	%	%	%	%	%
Nagaland	4704	30.4	13.1	4.8	2.6	48.0	1.1
Odisha	12720	6.5	11.6	1.0	2.2	78.6	0.0
Puducherry	800	68.4	19.1	0.0	2.3	10.3	0.0
Punjab	7190	19.4	23.2	0.0	0.8	56.4	0.1
Rajasthan	13967	27.8	25.2	0.2	0.2	46.6	0.0
Sikkim	1590	77.9	7.2	0.1	0.0	14.7	0.1
Tamil Nadu	28768	27.6	15.3	0.8	1.7	53.1	1.6
Telangana	9978	16.5	14.5	3.0	1.2	64.8	0.1
Tripura	1591	3.5	38.4	0.9	1.8	55.4	0.0
Uttar Pradesh	25418	12.2	30.5	0.5	0.8	55.9	0.0
Uttaranchal	5904	11.1	30.8	0.0	0.1	58.0	0.0
West Bengal	9165	8.9	15.9	0.1	1.0	74.1	0.0
<b>India</b>	<b>304423</b>	<b>19.5</b>	<b>19.5</b>	<b>0.9</b>	<b>1.6</b>	<b>57.8</b>	<b>0.6</b>

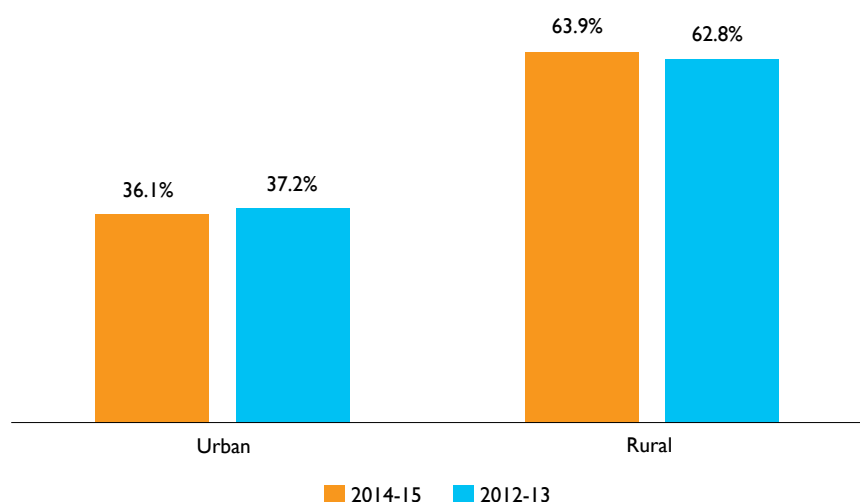
### 3.5. Current Place of Residence

One of the nine socio-demographic variables recorded under ANC HSS 2014-15 is place of residence i.e. urban or rural. If the current place of residence of the respondent i.e. the place where she is living with her husband falls under Municipal Corporation or Municipal Council or Cantonment Area, it is classified as Urban. Otherwise, it is recorded as Rural.

Nationally, 64% of the ANC clinic attendees were residing in rural area and 36% were residing in urban area. Similar pattern were observed in ANC HSS 2012-13 (Figure 10).

Except for Chandigarh (79%) and Delhi (97%), which are big cities, higher proportion of respondents compared to national average were residing in urban area in some states such as Arunachal Pradesh (69%), Gujarat (50%), Chhattisgarh (47%), Madhya Pradesh (47%), Maharashtra (46%), Rajasthan (45%), Nagaland (45%), Karnataka (41%) and Haryana (40%). Compared to national average, higher proportion of respondents reported to be residing in rural area in Himachal Pradesh (92%), Goa (87%), Meghalaya (84%), Jammu & Kashmir (84%), Manipur (81%) and Assam (80%) (Table 9).

**Figure 10: Percent Distribution of respondents by place of residence for 2014-15 and 2012-13, ANC HSS**



**Table 9: Percentage Distribution of respondents by current place of residence and State, HSS 2014-15, India**

State	N	Urban	Rural
		%	%
Andaman & Nicobar Islands	1583	24.7	75.3
Andhra Pradesh	15007	28.9	71.1
Arunachal Pradesh	3198	68.7	31.3
Assam	10762	19.8	80.2
Bihar	11488	21.3	78.7
Chandigarh	400	79.0	21.0
Chhattisgarh	7764	47.0	53.0
Dadra & Nagar Haveli	398	36.7	63.3
Daman & Diu	795	48.2	51.8
Delhi	2000	97.3	2.7
Goa	1193	12.9	87.1
Gujarat	10886	49.6	50.4
Haryana	6364	40.1	59.9
Himachal Pradesh	2787	8.2	91.8
Jammu & Kashmir	5964	16.4	83.6
Jharkhand	9548	39.4	60.6
Karnataka	24617	40.9	59.1
Kerala	5525	30.3	69.7
Madhya Pradesh	19458	46.7	53.3
Maharashtra	30283	45.6	54.4
Manipur	5430	18.7	81.3
Meghalaya	3063	15.7	84.3
Mizoram	3542	26.3	73.7
Nagaland	4658	44.5	55.5
Odisha	12681	29.3	70.7
Puducherry	800	28.0	72.0
Punjab	7160	36.2	63.8
Rajasthan	13918	45.2	54.8
Sikkim	1577	28.9	71.1
Tamil Nadu	28702	37.3	62.7
Telangana	9937	26.3	73.7
Tripura	1591	24.8	75.2
Uttar Pradesh	25337	30.1	69.9
Uttaranchal	5892	35.8	64.2
West Bengal	9151	28.3	71.7
<b>India</b>	<b>303459</b>	<b>36.1</b>	<b>63.9</b>

### 3.6. Current Occupation of the Respondent

It is important to understand the occupation of the respondent as certain jobs are associated with higher risk of exposure to HIV. For this, HSS has categorized occupations into thirteen categories as detailed in earlier chapter.

At the national level majority of the respondents were housewife (85%) followed by agricultural labourer (5%) and government/private job (3%). As compared to national average, lower proportion of ANC clinic attendees reported to be housewife in Andhra Pradesh (74%), Chhattisgarh (74%), Meghalaya (72%), Arunachal Pradesh (62%) and Telangana (61%). Higher proportions of respondents were engaged as agricultural labourer in Andhra Pradesh (17%), Telangana (16%), Arunachal Pradesh (12%) and Chhattisgarh (11%). One tenth or more respondents were employed in government/private service in Arunachal Pradesh (14%), Mizoram (10%), Sikkim (10%) and Kerala (10%). Ten percent of ANC clinic attendees reported to be non-agricultural labourer in Telangana. In Chhattisgarh, 4% of the respondents were skilled/semiskilled worker. Agricultural cultivator/landlord was reported as occupation by 5% of the respondents in Telangana. In Arunachal Pradesh and Jammu & Kashmir, around 4% of the ANC clinic attendees reported to be students. Three percent of the respondents were involved in petty business (Table 10).

### 3.7. Current Occupation of Spouse

Occupation of the spouse is an important indicator as it helps in identifying population groups at higher risk of acquiring HIV. HSS used the same occupational categories as those used for the respondent. The two differences were that the category 'Unemployed' (code no.13) is used in the place of 'Housewife' and there is an additional category 'Not Applicable (For Never married/ Widows/ Divorced/ Separated)' (code no.99).

At national level majority of the spouses of the ANC clinic attendees were found to be non-agricultural labourers (19%). This was followed by government/private service (17%), skilled/semi-skilled labourers (16%), agricultural labourers (14%) and petty/small business or shop owners (11%). However, there were wide inter-state variations.

As compared to the national average, around one third of the spouses of the respondents were agricultural labourers in Andhra Pradesh. In Punjab (32%), West Bengal (30%), Puducherry (28%), Meghalaya (26%) and Chandigarh (26%), relatively higher proportion of spouses of ANC clinic attendees were non-agricultural labourers. Among major states, higher proportions of spouses of respondents were skilled/semi-skilled labourers in Kerala (28%), Tamil Nadu (28%) and Bihar (23%). Twenty six percent of the spouses of the ANC clinic attendees had their main occupation as petty business/small shop in Tripura. More than two fifth of the respondents reported that their spouses were employed in government/private service in Himachal Pradesh (46%), Andaman & Nicobar Island (44%) and Chandigarh (41%). In Arunachal Pradesh, Bihar and Rajasthan, 4% of the respondents reported that their spouses were studying. Six percent of the spouses of the respondents were truck drivers/helpers in Telangana while 10% or more were local transport workers in Sikkim (15%), Kerala (11%) and Goa (12%). Around 11% of respondents reported their spouse occupation as hotel staff in Uttarakhand. Fifteen percent of the respondents in Himachal Pradesh and Odisha reported agricultural cultivation as the main occupation of their spouses. Compared to the national average (1%), a higher proportion of respondents replied that their spouses were unemployed in Mizoram (13%), Nagaland (11%), Meghalaya (8%) and Sikkim (8%) (Table 11).

### 3.8. Migration Status of Spouse

For association of migration of spouse and HIV prevalence among the ANC clinic attendees, respondents were asked about the migration of their husband for work for longer than 6 months. Respondents in HSS were asked whether their spouse resides alone in another place/town away from respondent for work, for longer than 6 months at a time. This question was not applicable to those respondents who are never married/ widowed/ divorced/ separated.

At the national level, 6% of the respondents replied that their spouses resided alone in another place/town away for work for longer than 6 months. State-wise wide variation was observed. A higher proportion of ANC clinic attendees reported about migration of spouse for work in major States of Bihar (30%), Uttarakhand (18%), Uttar Pradesh (14%), Jharkhand (14%) and West Bengal (10%) (Table 12).

**Table 10: Percentage Distribution of respondents by Occupation of respondent and State, HSS 2014-15**

State	N	Housewife	Agricultural Labourer	Service(Govt./ Pvt)	Non-Agricultural Labourer	Skilled/ Semiskilled worker	Agricultural Cultivator/ Landlord	Student	Petty Business/small shop	Domestic Servant	Others*
		%	%	%	%	%	%	%	%	%	%
Andaman & Nicobar Islands	1588	89.9	0.0	8.4	0.3	0.1	0.0	0.6	0.2	0.4	0.1
Andhra Pradesh	15053	73.9	16.9	2.5	2.8	1.2	1.4	0.4	0.3	0.2	0.4
Arunachal Pradesh	3197	61.8	11.5	14.0	1.5	0.7	3.0	3.8	3.2	0.2	0.4
Assam	10790	94.3	0.8	3.0	0.3	0.4	0.1	0.2	0.5	0.1	0.3
Bihar	11554	93.1	1.3	1.2	0.8	0.5	0.0	2.1	0.6	0.3	0.1
Chandigarh	400	88.3	0.0	6.5	1.3	1.5	0.0	0.3	0.8	1.3	0.3
Chhattisgarh	7813	73.6	10.7	2.4	4.5	3.8	2.6	0.6	1.0	0.4	0.4
Dadra & Nagar Haveli	397	85.9	1.8	0.5	1.5	5.0	0.0	0.0	4.5	0.3	0.5
Daman & Diu	798	91.4	0.3	2.5	0.9	4.1	0.0	0.0	0.5	0.4	0.0
Delhi	2000	96.4	0.1	1.8	0.1	0.4	0.2	0.1	0.7	0.2	0.4
Goa	1199	92.8	0.6	4.3	0.9	0.8	0.0	0.0	0.3	0.2	0.2
Gujarat	10955	82.8	6.2	2.5	4.0	2.4	0.1	0.3	0.6	0.5	0.3
Haryana	6395	90.4	0.9	2.4	2.1	0.7	0.1	1.4	0.9	0.9	0.2
Himachal Pradesh	2798	92.2	0.1	5.8	0.4	0.2	0.0	0.6	0.4	0.1	0.2
Jammu & Kashmir	5994	87.0	0.1	5.5	0.6	1.6	0.2	4.2	0.6	0.0	0.2
Jharkhand	9584	89.7	0.8	1.8	1.3	0.6	2.2	2.8	0.4	0.3	0.2
Karnataka	24691	79.4	9.3	1.9	3.1	2.2	1.0	0.2	0.6	2.0	0.3
Kerala	5589	82.8	0.6	9.5	0.8	2.5	0.0	2.6	0.2	0.7	0.4
Madhya Pradesh	19557	83.8	4.9	2.2	5.7	0.6	1.0	0.4	0.9	0.3	0.2
Maharashtra	30366	81.9	8.6	2.1	2.1	0.8	3.3	0.3	0.4	0.4	0.1
Manipur	5511	86.0	2.4	3.3	0.2	3.2	2.0	0.5	1.7	0.1	0.6
Meghalaya	3098	72.2	9.3	4.7	3.6	0.7	2.4	3.1	2.2	1.6	0.4
Mizoram	3560	75.6	3.3	10.1	1.9	2.3	0.5	1.9	3.2	0.1	1.2
Nagaland	4718	84.9	1.6	7.3	0.7	0.3	1.8	0.2	2.2	0.0	1.0
Odisha	12744	92.2	1.8	2.5	1.9	0.3	0.8	0.3	0.2	0.1	0.1
Puducherry	800	91.3	0.4	5.5	1.3	0.6	0.0	1.0	0.0	0.0	0.0
Punjab	7200	94.6	0.4	2.8	0.7	0.4	0.0	0.3	0.6	0.3	0.0
Rajasthan	13982	87.5	3.6	2.0	1.8	0.8	0.8	2.5	0.6	0.1	0.2
Sikkim	1594	82.8	2.1	10.0	0.2	0.6	1.1	0.0	2.0	0.4	0.8
Tamil Nadu	28769	88.0	3.8	3.0	2.2	1.1	0.4	0.8	0.3	0.2	0.3
Telangana	9983	60.9	15.6	2.1	9.5	3.3	5.4	0.9	0.8	1.1	0.3
Tripura	1591	96.9	0.0	1.9	0.5	0.1	0.0	0.1	0.4	0.0	0.1
Uttar Pradesh	25434	93.8	0.5	1.6	0.6	0.7	0.4	1.6	0.5	0.2	0.1
Uttarakhand	5903	92.2	3.2	2.6	0.2	0.5	0.0	0.8	0.1	0.3	0.0
West Bengal	9177	94.5	1.2	0.6	0.6	1.6	0.0	0.8	0.3	0.2	0.2
<b>India</b>	<b>304782</b>	<b>85.2</b>	<b>5.0</b>	<b>2.8</b>	<b>2.3</b>	<b>1.2</b>	<b>1.1</b>	<b>1.0</b>	<b>0.7</b>	<b>0.4</b>	<b>0.3</b>

**Table 11: Percentage Distribution of respondent by Occupation of spouse and State, HSS 2014-15**

State	N	Agricultural Labourer	Non-Agricultural Labourer	Domestic Servant	Skilled/Semiskilled worker	Petty business/ small shop	Large Business/ Self employed	Service (Govt./ Pvt.)	Student	Truck Driver /helper	Local Transport worker	Hotel Staff	Agricultural cultivator/ landholder	Unemployed	Not Applicable*
		%	%	%	%	%	%	%	%	%	%	%	%	%	%
Andaman & Nicobar Islands	1587	2.0	14.2	0.0	9.8	6.9	3.8	43.8	0.1	1.0	6.0	1.1	6.2	4.6	0.5
Andhra Pradesh	15074	31.9	18.2	0.1	13.8	4.6	2.3	13.7	0.2	2.5	7.4	0.6	4.5	0.3	0.0
Arunachal Pradesh	3199	14.3	4.0	0.3	8.3	11.0	5.8	35.4	3.7	3.4	5.0	0.3	4.1	4.5	0.0
Assam	10787	10.7	12.8	0.3	12.8	19.7	4.5	14.9	0.1	0.9	8.7	0.7	13.1	0.6	0.0
Bihar	11544	13.0	19.8	0.3	23.4	12.6	2.7	12.5	3.5	1.9	5.9	0.8	2.2	1.2	0.1
Chandigarh	400	1.8	25.5	0.5	9.3	5.8	2.0	41.3	0.3	.5	6.8	1.3	4.3	1.0	0.0
Chhattisgarh	7809	18.8	20.8	0.4	14.5	13.0	1.8	14.8	0.2	1.6	6.0	1.5	5.6	0.8	0.1
Dadra & Nagar Haveli	397	2.8	5.5	1.5	65.5	9.1	1.3	4.0	0.5	1.3	7.1	0.5	0.0	1.0	0.0
Daman & Diu	798	0.6	22.7	0.1	47.2	10.9	1.8	11.3	0.1	0.0	2.1	1.8	0.1	1.1	0.1
Delhi	2000	0.5	5.2	0.4	21.0	18.1	2.5	38.7	0.8	1.0	9.4	1.7	0.2	0.8	0.1
Goa	1198	2.1	18.8	0.0	16.6	11.8	1.0	32.6	0.0	0.8	11.5	3.6	0.3	0.8	0.0
Gujarat	10948	16.4	21.9	0.5	18.4	9.1	2.0	17.2	0.9	1.3	7.1	0.8	4.1	0.3	0.1
Haryana	6387	8.6	21.3	1.0	11.1	12.1	1.9	23.4	2.1	3.7	4.9	1.0	6.5	2.4	0.0
Himachal Pradesh	2796	2.7	5.8	0.0	10.4	9.2	2.1	46.1	0.2	2.7	4.6	1.3	14.7	0.1	0.0
Jammu & Kashmir	5991	6.6	15.4	0.3	13.5	13.4	4.3	23.6	2.0	2.1	9.0	1.6	6.7	1.5	0.0
Jharkhand	9565	10.0	17.3	0.3	17.7	12.4	3.4	17.4	2.5	2.1	7.8	1.0	5.9	2.1	0.2
Karnataka	24691	21.2	24.5	0.4	13.8	7.7	2.2	9.7	0.1	2.1	8.5	2.0	7.7	0.2	0.1
Kerala	5588	4.0	20.6	0.1	28.1	5.0	5.0	20.7	0.0	2.5	11.3	2.0	0.5	0.3	0.1
Madhya Pradesh	19536	15.4	23.1	0.4	13.9	12.9	2.1	15.1	1.5	1.3	5.2	0.9	7.4	0.8	0.0
Maharashtra	30337	17.2	17.0	0.2	15.7	10.1	1.5	18.5	0.2	1.6	8.0	1.1	8.6	0.3	0.1
Manipur	5492	15.4	8.1	0.1	20.6	12.6	2.7	17.4	1.5	2.4	7.2	0.1	6.2	5.6	0.0
Meghalaya	3095	15.0	25.5	0.9	10.9	9.7	2.9	10.3	1.4	3.0	7.7	0.8	3.3	8.1	.4
Mizoram	3558	11.5	16.9	0.9	6.6	4.2	5.3	25.3	2.0	2.1	7.8	0.0	2.2	12.6	2.6
Nagaland	4707	10.7	6.9	0.1	6.7	11.1	2.8	30.0	0.3	1.2	4.8	0.2	14.0	10.7	0.3
Odisha	12739	10.2	19.4	0.1	12.4	15.0	2.7	15.5	0.1	2.0	6.1	1.1	14.7	0.6	0.1
Puducherry	800	9.4	28.0	0.0	17.5	4.4	2.5	21.3	0.1	3.1	8.9	2.0	2.8	0.1	0.0
Punjab	7191	11.7	31.7	0.3	16.9	9.3	1.4	17.7	0.3	1.9	3.7	0.5	4.0	0.7	0.0



**Table 11: Contd...**

State	N	Agricultural Labourer	Non-Agricultural Labourer	Domestic Servant	Skilled/Semiskilled worker	Petty business/small shop	Large Business/Self employed	Service (Govt./Pvt.)	Student	Truck Driver /helper	Local Transport worker	Hotel Staff	Agricultural cultivator/landholder	Unemployed	Not Applicable*
		%	%	%	%	%	%	%	%	%	%	%	%	%	%
Rajasthan	13977	12.7	18.0	0.2	18.4	12.3	3.9	18.5	4.4	1.4	5.2	1.8	2.3	0.9	0.1
Sikkim	1592	8.0	6.5	0.4	7.3	10.1	1.9	28.0	0.1	1.9	14.9	1.3	11.5	7.9	0.1
Tamil Nadu	28762	12.2	19.0	0.5	27.8	5.8	2.2	14.7	0.1	2.9	9.5	2.2	2.8	0.1	0.1
Telangana	9977	21.7	19.5	0.3	10.8	7.2	2.0	12.8	0.4	5.5	7.8	1.5	10.0	0.2	0.1
Tripura	1591	9.2	21.6	0.0	8.7	25.6	5.8	13.8	0.1	2.3	7.7	0.6	3.0	1.5	0.1
Uttar Pradesh	25426	11.1	18.1	0.4	15.6	13.4	3.3	16.9	3.0	1.8	6.9	0.8	5.6	2.6	0.2
Uttarakhand	5902	5.6	9.0	0.1	10.3	11.5	3.0	37.3	0.8	1.6	7.4	10.8	0.4	2.1	0.1
West Bengal	9178	11.2	30.0	0.4	16.2	14.7	1.4	7.8	0.3	1.2	6.5	1.1	8.2	0.8	0.1
<b>India</b>	<b>304619</b>	<b>14.2</b>	<b>19.0</b>	<b>0.3</b>	<b>16.4</b>	<b>10.7</b>	<b>2.6</b>	<b>17.2</b>	<b>1.1</b>	<b>2.0</b>	<b>7.3</b>	<b>1.4</b>	<b>6.3</b>	<b>1.4</b>	<b>0.1</b>

**Table 12: Percentage Distribution of respondent with migration of spouse and State, HSS 2014-15, India**

State	N	% with migration of spouse
Andaman & Nicobar Islands	1586	2.4
Andhra Pradesh	14993	2.1
Arunachal Pradesh	3197	3.3
Assam	10749	3.6
Bihar	11526	30.4
Chandigarh	400	0.3
Chhattisgarh	7754	2.4
Dadra & Nagar Haveli	397	20.2
Daman & Diu	798	18.8
Delhi	1999	4.1
Goa	1198	0.5
Gujarat	10902	2.2
Haryana	6325	2.5
Himachal Pradesh	2768	2.3
Jammu & Kashmir	5957	5.1
Jharkhand	9276	14.1
Karnataka	24640	0.8

**Table 12: Contd...**

State	N	% with migration of spouse
Kerala	5573	8.1
Madhya Pradesh	19472	3.0
Maharashtra	30262	1.9
Manipur	5465	6.1
Meghalaya	3078	1.6
Mizoram	3536	8.1
Nagaland	4620	2.7
Odisha	12709	10.1
Puducherry	800	3.3
Punjab	7177	1.9
Rajasthan	13917	7.0
Sikkim	1555	3.2
Tamil Nadu	28755	4.8
Telangana	9948	2.3
Tripura	1591	3.1
Uttar Pradesh	25345	14.4
Uttarakhand	5894	17.8
West Bengal	9127	9.6
<b>India</b>	<b>3,03,289</b>	<b>6.3</b>

# 4 HIV Level among ANC Clinic Attendees

HIV prevalence is the proportion of respondents who are found HIV positive at a given point of time in a specified geographic area. It indicates the burden of the epidemic in different population groups.

HIV prevalence among ANC clinic attendees is considered as proxy for HIV burden in general population. HIV prevalence of 1% or more among ANC clinic attendees is considered as high level, 0.5-0.99% is considered as moderate level and less than 0.5% is considered as low HIV prevalence for the analysis purpose in this report. This chapter describes the levels of HIV prevalence among ANC clinic attendees at national, state and district level.

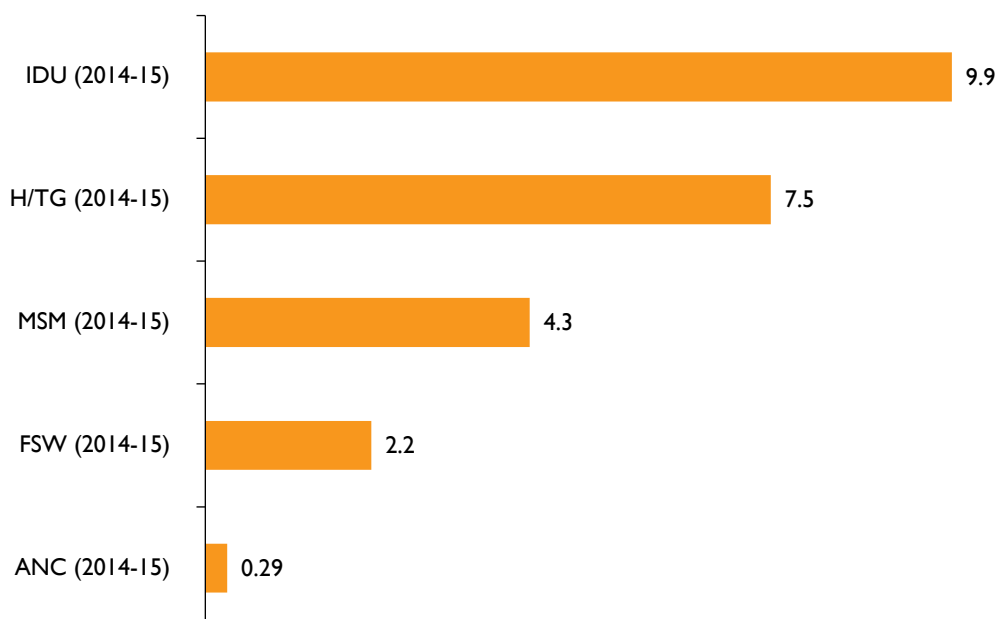
## 4.1. HIV Prevalence at National Level

Under HIV Sentinel Surveillance, prevalence data from

pregnant women at ANC clinics is considered as a surrogate marker for prevalence among the general population. During HSS 2014-15, HSS was implemented at 776 ANC sentinel sites across the country. 767 sites achieved a valid sample size of 300 or more (minimum 75% of target) and only data from valid sites is used for this analysis. Overall, 3,04,982 samples were collected at these 767 sites.

Figure 11 depicts the overall HIV prevalence at national level among ANC clinic attendees from HSS 2014-15 and HRGs & bridge populations from the IBBS 2014-15. The HIV prevalence observed among ANC clinic attendees, during 2014-15 was 0.29% (95% CI: 0.26-0.32).

**Figure 11: HIV Prevalence (%) among ANC Client (2014-15) & other risk groups (2014-15), India**



## 4.2. HIV Prevalence at State Level

Table 13 shows state-wise HIV prevalence among ANC clinic attendees. Difference continued to exist in the prevalence rates across different geographical regions. Overall 9 states had recorded prevalence higher than the national average. Like the ANC HSS 2012-13, three of the high prevalence states among ANC clients were from the north-eastern region of country with Nagaland recording the highest prevalence (1.29%) followed by Mizoram (0.81%) and Manipur (0.60%). HIV Prevalence higher than the national average was also recorded in the states of Gujarat (0.56%), Chhattisgarh (0.41%), Telangana (0.39%), Bihar (0.37%), Karnataka (0.36%) and Andhra Pradesh (0.35%). Maharashtra (0.32%), Punjab (0.32%),

Rajasthan (0.32%) and Tamil Nadu (0.27%) recorded HIV prevalence similar to the national prevalence. Haryana (0.25%), Delhi (0.25%) and Odisha (0.24%) recorded HIV prevalence slightly lower than the country average. Figure 12 shows the state wise color-coded map of India based on five HIV prevalence categories.

## 4.3. HIV Prevalence at District/Site Level

HIV prevalence among ANC clinic attendees at different sentinel sites shows the heterogeneous distribution of the HIV epidemic and also the emerging pockets of HIV infection. Table 14 summarizes the distribution of pockets of high HIV prevalence among ANC clinic attendees in India.

**Table 13: HIV Prevalence among ANC Clinic Attendees with 95 percent CI by State, HSS 2014-15, India**

State	HIV Prevalence (%) (95 percent CI)
Andaman & Nicobar Islands	0.06(0.01-0.34)
Andhra Pradesh	0.33(0.24-0.45)
Arunachal Pradesh	0.06(0.02-0.21)
Assam	0.18(0.08-0.38)
Bihar	0.37(0.27-0.52)
Chandigarh	0.25(0.00-0.74)
Chhattisgarh	0.41(0.21-0.78)
Dadra & Nagar Haveli	0.00(0.00-0.00)
Daman & Diu	0.25(0.00-0.60)
Delhi	0.25(0.03-0.47)
Goa	0.08(0.02-0.41)
Gujarat	0.56(0.39-0.80)
Haryana	0.24(0.13-0.44)
Himachal Pradesh	0.00(0.00-0.00)
Jammu & Kashmir	0.00(0.00-0.00)
Jharkhand	0.18(0.09-0.34)
Karnataka	0.36(0.26-0.50)
Kerala	0.05(0.02-0.15)
Madhya Pradesh	0.13(0.08-0.22)
Maharashtra	0.32(0.25-0.41)

**Table 13: Contd...**

State	HIV Prevalence (%) (95 percent CI)
Manipur	0.60(0.33-1.10)
Meghalaya	0.16(0.04-0.69)
Mizoram	0.81(0.47-1.40)
Nagaland	1.29(0.88-1.90)
Odisha	0.24(0.14-0.41)
Puducherry	0.13(0.03-0.50)
Punjab	0.32(0.18-0.56)
Rajasthan	0.32(0.17-0.59)
Sikkim	0.13(0.05-0.33)
Tamil Nadu	0.27(0.20-0.36)
Telangana	0.39(0.27-0.57)
Tripura	0.19(0.06-0.55)
Uttar Pradesh	0.21(0.15-0.29)
Uttaranchal	0.12(0.03-0.46)
West Bengal	0.11(0.05-0.25)
<b>India</b>	<b>0.29(0.26-0.32)</b>

There were 70 sentinel sites, across 22 states, which recorded a prevalence of 1% or more during the 14th round of HSS (Annex 10). Of them, 54% (38) were from the known high prevalence Southern and North-eastern states of Andhra Pradesh (3), Karnataka (5), Maharashtra (8), Tamil Nadu (6), Telangana (3), Manipur (3), Nagaland (7), and Mizoram (3). However, among the low/moderate prevalence states, Bihar, Chhattisgarh, Gujarat, Odisha

and Rajasthan had 3 or more sites each with HIV Prevalence of 1% or more among ANC clinic attendees in 2014-15. Sites with prevalence of 1% or more had also been observed in Assam (2), Delhi (1), Haryana (1), Jharkhand (1), Meghalaya (1), Punjab (1), Uttar Pradesh (2) and Uttarakhand (1). Of the 70 sites which recorded a prevalence of 1% or more, 9 sites showed prevalence of 2% or more. Out of these 9 sites, 3 were in Nagaland.



**Table 14: State wise number of high prevalence ( $\geq 1\%$ ) ANC Surveillance sites in HSS 2014-15, India**

State	No. of Sites with ANC HIV prevalence of 1% or more	No. of Sites with ANC HIV prevalence of 2% or more
Andhra Pradesh	3	-
Assam	2	-
Bihar	4	-
Chhattisgarh	3	1
Delhi	1	-
Gujarat	7	1
Haryana	1	-
Jharkhand	1	-
Karnataka	5	1
Madhya Pradesh	1	-
Maharashtra	8	-
Manipur	3	1
Meghalaya	1	-
Mizoram	3	1
Nagaland	7	3
Odisha	3	-
Punjab	1	-
Rajasthan	4	1
Tamil Nadu	6	-
Telangana	3	-
Uttar Pradesh	2	-
Uttarakhand	1	-
<b>India</b>	<b>70</b>	<b>9</b>

There were also 149 sites across 138 districts in 22 states that showed moderate HIV prevalence of 0.50-0.99% during HSS 2014-15. Figure 13 shows the map of India where districts are colour-coded into low (<0.5%), moderate (0.50-0.99%) and high ( $\geq 1\%$ ) based on HIV prevalence recorded among ANC clinic attendees in HSS 2014-15. Overall, 44 districts in the country recorded a prevalence of 1% or more, 15 of them were from western and north eastern states of Gujarat (5), Mizoram (3) and Nagaland (7).

There had also been a decline in the number of sites showing a prevalence of 1% or more during year 2003-15 despite a continuous increase in number of surveillance sites across country. In the year 2003, more than one third (34%) of ANC surveillance sites, out of a total of 416 valid sites, showed a prevalence of 1% or more; 128 (91%) of them were in six high prevalence states of Andhra Pradesh, Karnataka, Maharashtra, Manipur, Nagaland and Tamil Nadu. In the 2006 HSS round, of the

total 566 valid ANC sites, 26% recorded a prevalence of 1% or more, 121 (81%) of these high prevalence sites were in six high prevalence states. In contrast, during the 14th round of surveillance, only 70 of total 767 valid sites recorded a prevalence of 1% or more, 38 of them were in high prevalence states. Figure 14 depicts the changing pattern of ANC HSS sites in different HIV prevalence categories in the country.

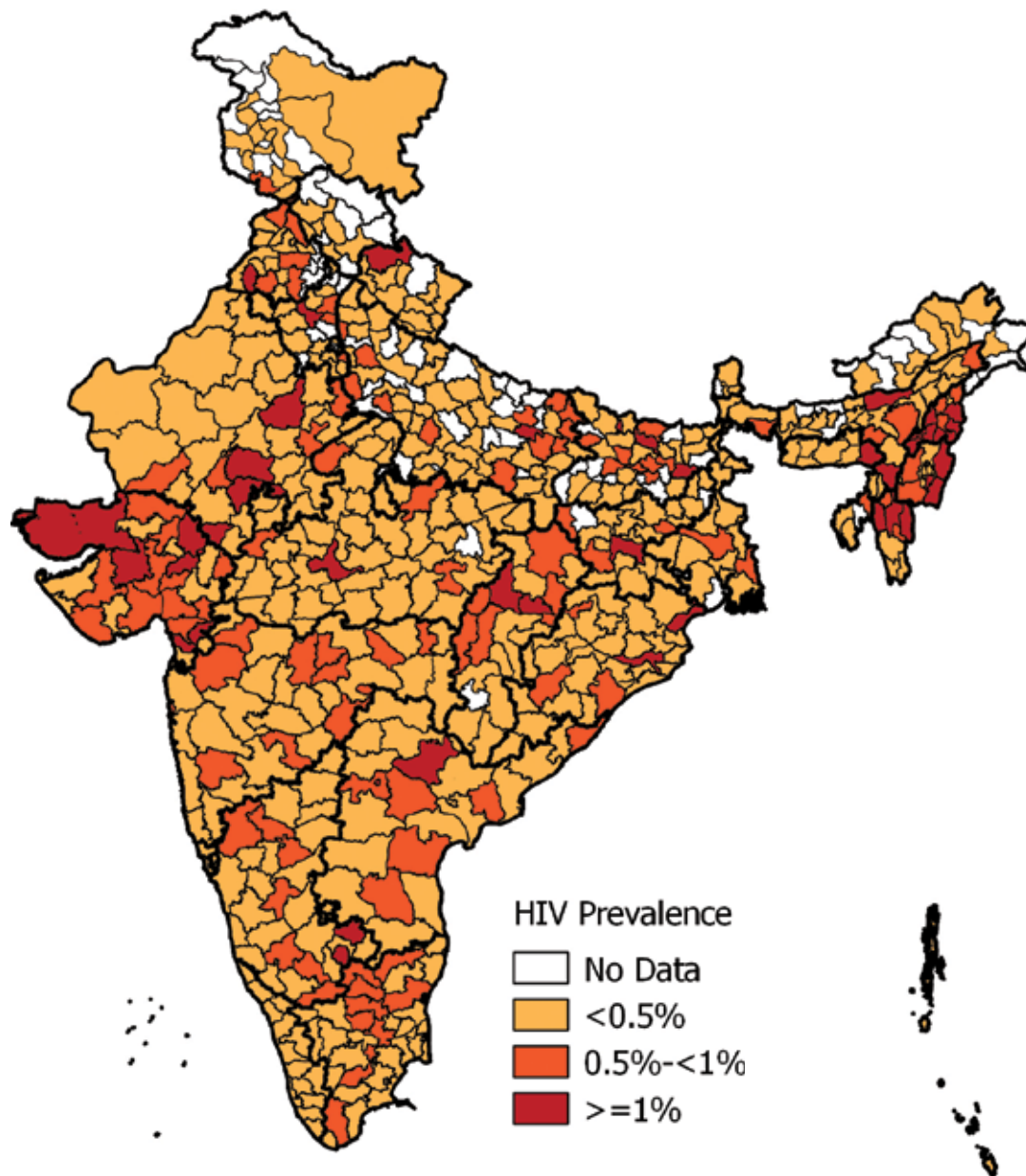
The changes in prevalence category, discussed above, was also evident from Figure 15 which highlights not only the declining number of districts with more than 1% prevalence in country, but also the emerging pockets of high prevalence in states having low/moderate epidemic.

Table 15 shows districts with at least one ANC sites showing HIV prevalence of 1% or more among ANC clinic attendees in 3 out of 6 rounds of HSS, i.e from HSS 2006 to HSS 2014-15. While most of them were in high prevalence state from southern and north-east region,

Bihar (Patna), Chhattisgarh (Bilaspur, Raigarh), Gujarat (Mehsana, Sarab Kantha & Surat), Odisha (Ganjam, Anugul & Cuttack), and Rajasthan (Chittaurgarh & Bhilwara)

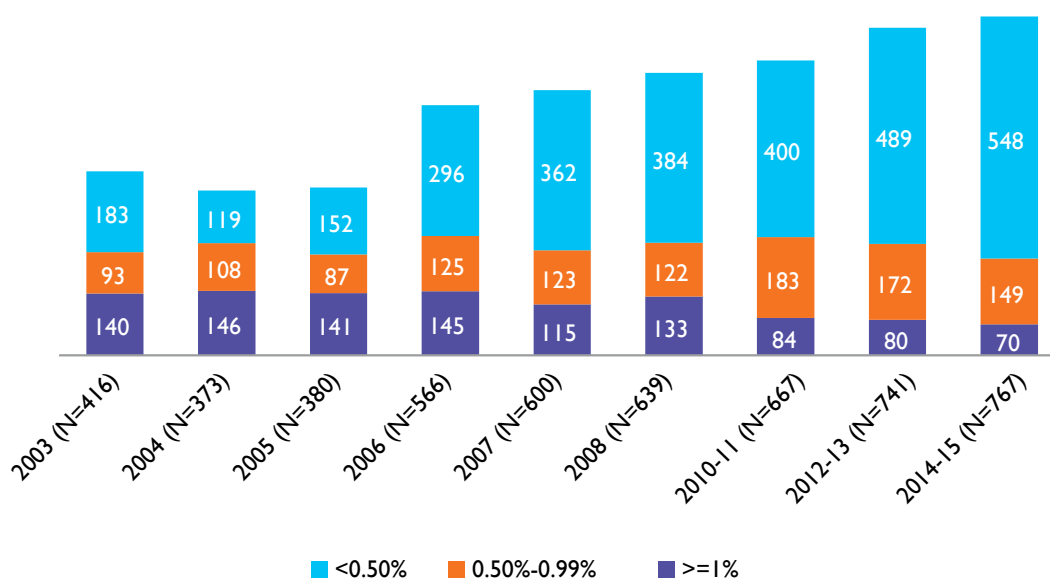
also had districts in this category. There were 310 sites across 224 districts which recorded HIV prevalence  $\geq 1\%$  at least once or more in the last six rounds.

**Figure 13: District-wise HIV Prevalence (%) among ANC clinic Attendees, HSS 2014-15, India**





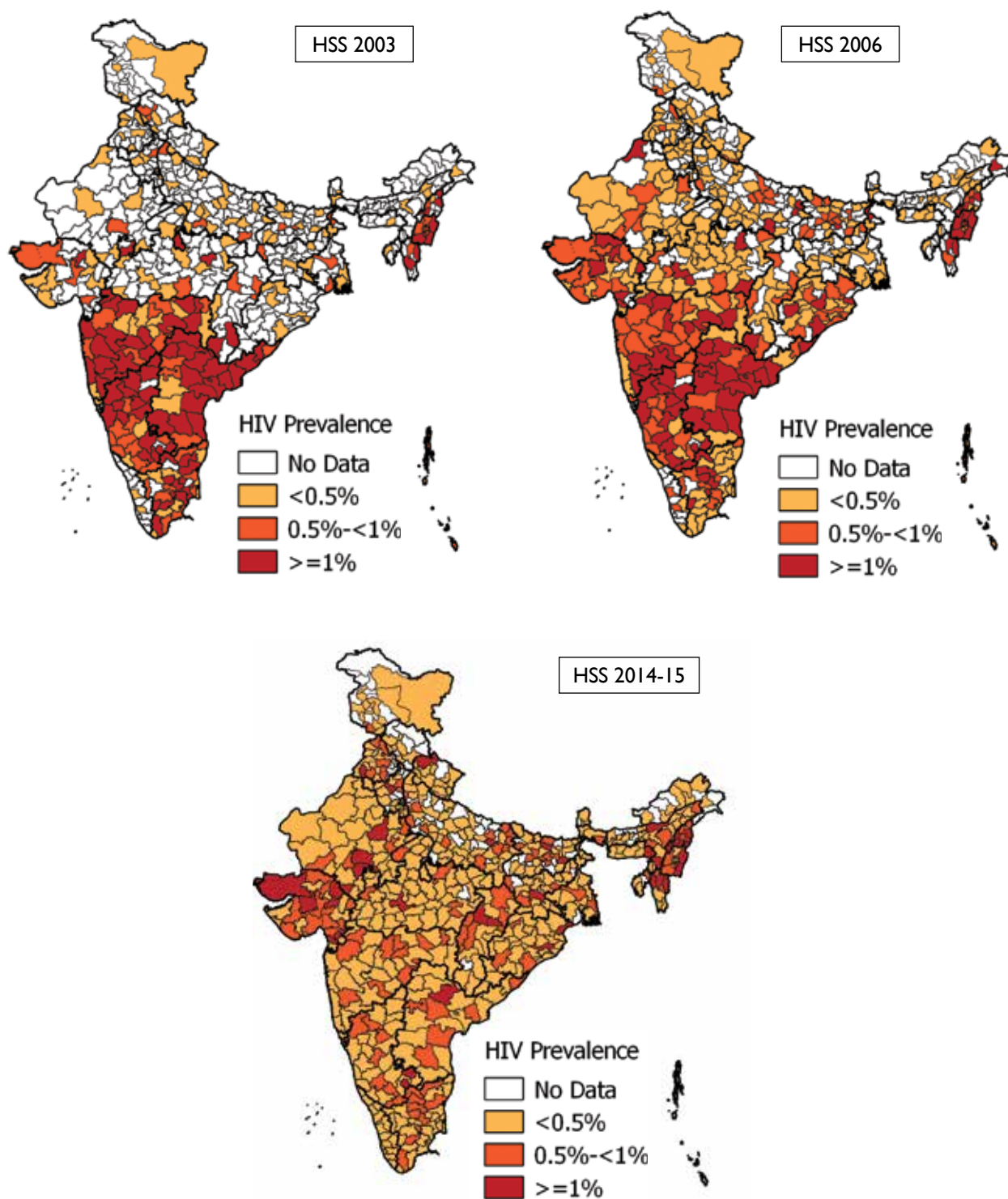
**Figure 14: Year-wise distribution of valid sites in different HIV prevalence (%) categories among ANC Clinic Attendees, HSS 2014-15, India**



**Table 15: State-wise distribution of districts having ANC sites showing 1% or more HIV prevalence in at least 3 out of last 6 rounds of HSS (HSS 2006 to HSS 2014-15)**

State	Districts
Andhra Pradesh	11-Anantapur(1), Chittoor(1), Cuddapah(1), East Godavari(2), Guntur(2), Krishna(2), Kurnool(1), Prakasam(2), Visakhapatnam(1), Vizianagram(1), West Godavari(2)
Bihar	1-Patna(1)
Chhattisgarh	2-Bilaspur(1), Raigarh(1)
Gujarat	3-Mehsana(1), Sabar Kantha(1), Surat(1)
Karnataka	13-Bagalkot(2), Bangalore(1), Belgaum(2), Bellary(2), Bijapur(1), Chamrajnagar(1), Chikmagalur(1), Davangere(2), Gulbarga(1), Hassan(1), Kodagu(1), Mysore(1), Tumkur(1)
Maharashtra	12-Mumbai(1), Mumbai (Suburban)(4), Ahmadnagar(1), Buldana(1), Chandrapur(1), Dhule(1), Kolhapur(1), Latur(1), Nanded(1), Sangli(2), Solapur(1), Yavatmal(2)
Manipur	5-Chandel(1), Imphal East(1), Imphal West(1), Thoubal(1), Ukhrul(1)
Mizoram	2-Aizawl(1), Champai(1)
Nagaland	5-Dimapur(1), Kohima(1), Phere(1), Phek(1), Tuensang(2)
Odisha	3-Anugul(1), Cuttack(1), Ganjam(1)
Rajasthan	2-Chittaurgarh(1), Bhilwara(1)
Tamil Nadu	6-Coimbatore(1), Dharmapuri(1), Namakkal(1), Perambalur(1), Salem(2), Tiruchirapalli(1)
Telangana	8-Hyderabad (1), Karimnagar(2), Khammam(1), Mahbubnagar(1), Medak(1), Nalgonda(2), Nizamabad(1), Warangal(1).

**Figure 15: Year-wise distribution of districts in different prevalence (%) categories among ANC Clinic Attendees, HSS 2003, 2006 and HSS 2014-15, India**



# 5 HIV Prevalence among ANC Clinic Attendees by Their Background Characteristics

The national response to the HIV epidemic is guided by data obtained through HIV Sentinel Surveillance (HSS). The HIV epidemic in India continues to be concentrated among HRG with low level and declining prevalence among general population.

This chapter gives details about HIV/AIDS prevalence as observed against the key nine demographic and socio-economic variables which were recorded for each respondent. Fully acknowledging that several factors work in tandem or individually to either cause or prevent HIV, hence we do not suggest any evident causation by projecting the key variables vis a vis the HIV prevalence, as risk factors for acquiring HIV. However, this sort of detailed analysis will help the programme and policy makers to understand the risk factors associated with transmission of HIV/AIDS with particular demographic characteristics. This chapter presents cross tabulations of demographic variables with HIV/AIDS positivity among

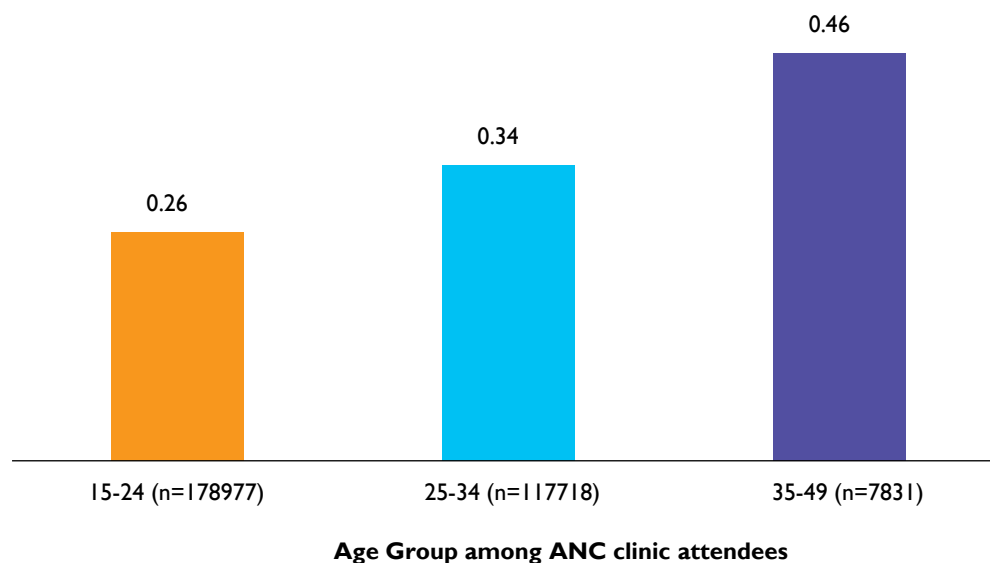
the ANC clinic attendees. A detailed state-wise analysis will be needed to understand region wise variations, applying local knowledge about vulnerabilities and risk factors.

## 5.1. HIV Prevalence among ANC Clinic Attendees by Age

HIV prevalence with respect to age groups 15-24 years and 25-49 years has been explained in detail for all the States (Table 16).

Age specific HIV prevalence was high (0.46%; n=7,831) among the age group 35-49 years. This was followed by

**Figure 16: HIV Prevalence (%) among ANC Clinic Attendees by Age Group, HSS 2014-15, India**



prevalence of 0.34% (n=1,17,718) among 25-34 years ANC clinic attendees, 0.26% (n=1,55,180) in 20-24 years respondents and 0.21%(n=24,253) in 15-19 years younger ANC clinic attendees (Figure 16). As noted earlier, the age group 15 - 24 years provides proxy-estimates for incidence monitoring (monitoring new infections).

At the state level, the denominators become too small to interpret for the age group 35-49 years. Hence, for state level analysis, all age groups above 25 years are combined into one (25-49 years). State wise variations were observed among the HIV prevalence of the respondents aged 15-24 years and 25-49 years.

**Table 16: HIV Prevalence (%) among ANC Clinic Attendees by age group and State, HSS 2014-15, India**

State	15-24		25-49	
	Prev %	N	Prev %	N
Andaman & Nicobar Islands	0.00	781	0.12	808
Andhra Pradesh	0.27	11409	0.52	3686
Arunachal Pradesh	0.00	1403	0.11	1796
Assam	0.18	6069	0.17	4724
Bihar	0.34	6677	0.41	4885
Chandigarh	0.00	210	0.53	190
Chhattisgarh	0.30	5020	0.61	2794
Dadra & Nagar Haveli	0.00	286	0.00	112
Daman & Diu	0.00	444	0.56	356
Delhi	0.00	1105	0.56	895
Goa	0.00	545	0.15	654
Gujarat	0.41	6378	0.76	4584
Haryana	0.20	4001	0.33	2398
Himachal Pradesh	0.00	1283	0.00	1517
Jammu & Kashmir	0.11	1867	0.02	4130
Jharkhand	0.15	6200	0.24	3400
Karnataka	0.28	15767	0.51	8944
Kerala	0.00	2402	0.09	3192
Madhya Pradesh	0.13	12195	0.14	7367
Maharashtra	0.23	20797	0.51	9577
Manipur	0.64	2204	0.57	3311
Meghalaya	0.25	1599	0.07	1500
Mizoram	1.01	1289	0.70	2272
Nagaland	1.63	1778	1.09	2942
Odisha	0.20	7144	0.30	5609
Puducherry	0.23	426	0.00	374

**Table 16: Contd...**

State	15-24		25-49	
	Prev %	N	Prev %	N
Punjab	0.25	3672	0.40	3528
Rajasthan	0.38	7956	0.25	6031
Sikkim	0.14	731	0.12	865
Tamil Nadu	0.29	17314	0.24	11459
Telangana	0.36	6702	0.46	3293
Tripura	0.09	1057	0.37	534
Uttar Pradesh	0.18	12807	0.24	12650
Uttarakhand	0.09	3235	0.15	2670
West Bengal	0.10	6680	0.12	2502
<b>India</b>	<b>0.25</b>	<b>1,79,433</b>	<b>0.34</b>	<b>1,25,549</b>

Most of the states portray the same pattern as the national level where HIV prevalence in 25-49 years age group is higher than 15-24 years age group. States of Bihar, Gujarat, Manipur, Mizoram, Nagaland, Rajasthan and Telangana had relatively higher prevalence among 15-24 years than the national average indicating of possibilities of higher incidence of HIV infection in these states.

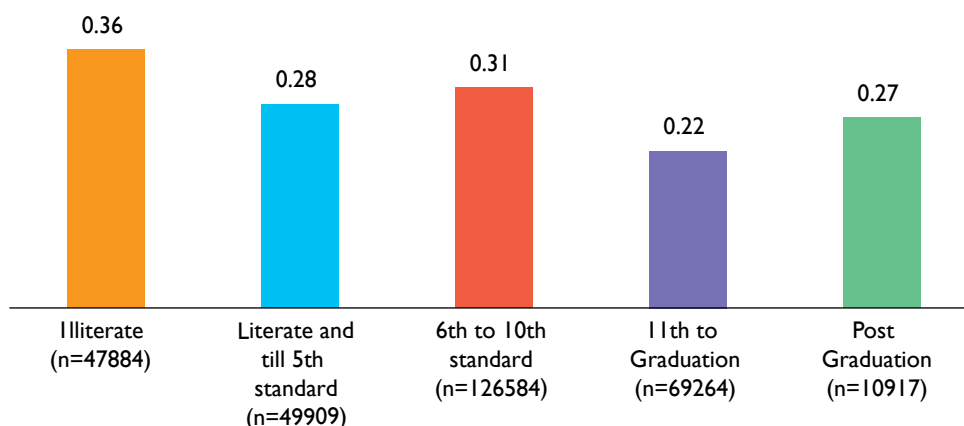
### 5.2. HIV Prevalence among ANC Clinic Attendees by Literacy Status

HIV prevalence was higher among illiterates (0.36%; n=47,884) than among literate ANC Clinic Attendees and lowest among respondents who had studied from 11th to Graduation (0.22%; n=69,264) (Figure 17). State wise variations were observed w.r.t. literacy status and HIV prevalence among the respondents. Higher HIV prevalence was observed among ANC clinic attendees

in the sub-group literate till 5th standard in Haryana (0.48%), Manipur (0.86%) and Rajasthan (0.48%).

Respondents who reported to have studied between 6th to 10th standard showed high prevalence in states of Gujarat (0.55%), Karnataka (0.38%), Mizoram (0.81%), Nagaland (1.25%), Punjab (0.39%) and Tamil Nadu (0.33%). In Chhattisgarh (0.51%), Gujarat (0.69%) and Telangana (0.42%), high HIV prevalence was recorded among the respondents who had studied beyond 10th to graduation.

High prevalence was also recorded among the respondents who studied up to Post-graduation in some states like Gujarat (1.75%), Karnataka (0.43%) and Maharashtra (0.61%). Exceptionally in Uttar Pradesh a complete reverse pattern was observed with highest HIV prevalence among ANC clinic attendees who studied up to Post graduation (0.39%) and lowest HIV prevalence among those (0.12%) who never received any formal education (Table 17).

**Figure 17: HIV prevalence (%) among ANC Clinic Attendees by Literacy Status, HSS 2014-15, India**

**Table 17: HIV Prevalence (%) among ANC clinic attendees by Literacy status and State, HSS 2014-15, India**

State	Illiterate		Literate and till 5th standard		6th to 10th standard		11th to Graduation		Post Graduation	
	Prev %	N	Prev %	N	Prev %	N	Prev %	N	Prev %	N
A & N Islands	0.00	54	0.00	110	0.00	659	0.15	686	0.00	80
Andhra Pradesh	0.72	2499	0.30	3311	0.27	5947	0.17	2913	0.00	371
Arunachal Pradesh	0.00	644	0.21	487	0.10	1024	0.00	921	0.00	120
Assam	0.28	1406	0.10	1926	0.27	4807	0.00	2408	0.00	236
Bihar	0.46	4115	0.40	2764	0.27	2937	0.31	1625	0.00	96
Chandigarh	0.00	39	0.00	53	0.66	152	0.00	129	0.00	27
Chhattisgarh	0.49	1024	0.37	1608	0.36	3589	0.51	1361	0.45	223
Dadra & Nagar Haveli	0.00	83	0.00	64	0.00	162	0.00	83	0.00	6
Daman & Diu	0.00	101	0.91	110	0.24	416	0.00	153	0.00	19
Delhi	0.00	332	0.79	252	0.24	830	0.19	528	0.00	58
Goa	0.65	154	0.00	152	0.00	694	0.00	190	0.00	8
Gujarat	0.63	2368	0.33	2405	0.55	4892	0.69	1014	1.45	275
Haryana	0.10	1050	0.48	1239	0.18	2207	0.19	1611	0.71	280
Himachal Pradesh	0.00	90	0.00	103	0.00	849	0.00	1452	0.00	304
Jammu & Kashmir	0.10	1932	0.00	548	0.00	1796	0.00	1457	0.39	254
Jharkhand	0.21	1873	0.27	1861	0.11	3506	0.19	2056	0.00	278
Karnataka	0.60	3653	0.32	2802	0.38	12833	0.16	4924	0.43	469
Kerala	0.00	46	0.00	162	0.11	1861	0.03	3033	0.00	472
Madhya Pradesh	0.06	3122	0.11	4379	0.18	7714	0.09	3437	0.23	887
Maharashtra	0.52	2512	0.25	3243	0.36	16071	0.18	7869	0.61	652
Manipur	0.47	635	0.86	698	0.57	2785	0.55	1280	0.95	105
Meghalaya	0.19	524	0.11	932	0.16	1225	0.26	389	0.00	24
Mizoram	1.41	71	1.61	372	0.81	1986	0.61	978	0.00	153
Nagaland	2.01	547	0.94	961	1.25	2246	1.32	912	0.00	35
Odisha	0.19	2145	0.22	2239	0.27	6345	0.21	1903	0.92	109
Puducherry	0.00	10	5.00	20	0.00	345	0.00	353	0.00	72
Punjab	0.35	1419	0.35	1436	0.39	2567	0.20	1500	0.00	271
Rajasthan	0.25	3596	0.48	3330	0.21	4218	0.46	1962	0.23	863
Sikkim	0.00	115	0.00	399	0.13	767	0.38	265	0.00	48
Tamil Nadu	0.73	1234	0.23	2163	0.33	13724	0.17	10012	0.06	1631
Telangana	0.61	2293	0.22	1788	0.31	3506	0.42	2137	0.43	235
Tripura	0.00	50	0.36	276	0.21	968	0.00	263	0.00	34
Uttar Pradesh	0.12	6478	0.19	4634	0.21	6569	0.26	6193	0.39	1555
Uttarakhand	0.00	551	0.00	827	0.06	1811	0.28	2123	0.00	588
West Bengal	0.18	1119	0.00	2255	0.11	4576	0.17	1144	1.27	79
<b>India</b>	<b>0.36</b>	<b>47884</b>	<b>0.28</b>	<b>49909</b>	<b>0.31</b>	<b>126584</b>	<b>0.22</b>	<b>69264</b>	<b>0.27</b>	<b>10917</b>

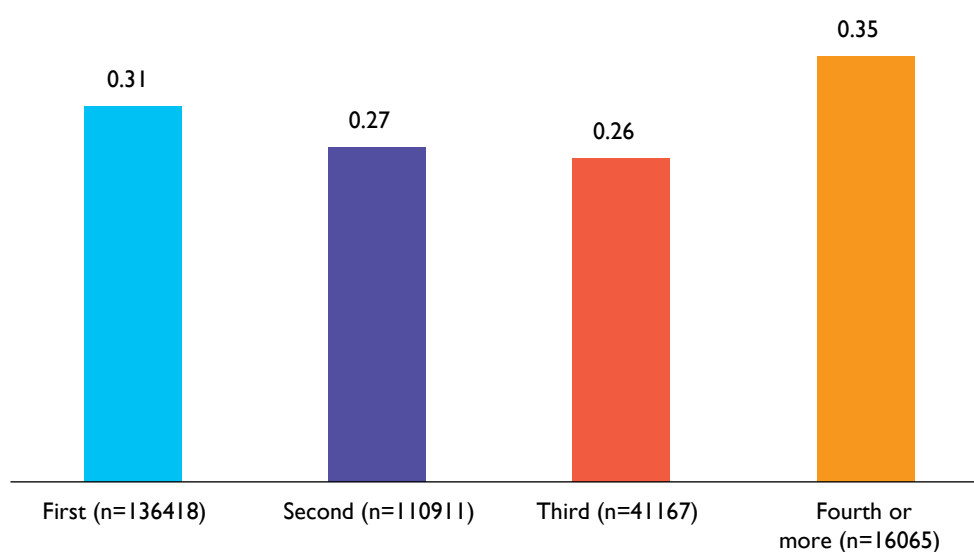
### 5.3. HIV Prevalence among ANC Clinic Attendees by Order of Pregnancy

High prevalence of 0.35 percent (95% CI- 0.26-0.46) was recorded among the ANC clinic attendees with gravidity of 4 or more. The prevalence among ANC clinic attendees with first pregnancy was 0.31% (95%CI- 0.27-0.35), those respondents with second order of pregnancy had HIV

prevalence of 0.27% (95%CI 0.24-0.31) (Figure 18). Least HIV prevalence was among the respondents with third (0.26%; 95%CI- 0.21-0.33) pregnancy.

State wise variations were observed among respondents for the HIV prevalence. In some states like Mizoram (1.22%), Nagaland (1.68%), Rajasthan (0.40%) and Telangana (0.47%), highest HIV prevalence was recorded among primi-gravida (Table 18).

**Figure 18: HIV Prevalence (%) among ANC Clinic Attendees by Order of Pregnancy, HSS 2014-15, India**



**Table 18: HIV Prevalence (%) among ANC Clinic Attendees by Order of Pregnancy and State, HSS 2014-15, India**

State	First		Second		Third		Fourth or more	
	Prev %	N	Prev %	N	Prev %	N	Prev %	N
Andaman & Nicobar Islands	0.00	718	0.17	593	0.00	210	0.00	68
Andhra Pradesh	0.39	7192	0.27	6268	0.08	1308	1.62	247
Arunachal Pradesh	0.00	1267	0.09	1160	0.18	550	0.00	220
Assam	0.19	5650	0.18	3809	0.10	1026	0.00	302
Bihar	0.37	4343	0.47	3791	0.22	2287	0.36	1125
Chandigarh	0.00	138	0.00	150	1.14	88	0.00	24
Chhattisgarh	0.43	3937	0.31	2599	0.51	972	0.68	294
Dadra & Nagar Haveli	0.00	165	0.00	137	0.00	78	0.00	18
Daman & Diu	0.59	339	0.00	274	0.00	125	0.00	61
Delhi	0.25	788	0.14	731	0.58	345	0.00	136
Goa	0.00	524	0.21	480	0.00	167	0.00	28

**Table 18: Contd...**

State	First		Second		Third		Fourth or more	
	Prev %	N	Prev %	N	Prev %	N	Prev %	N
Gujarat	0.69	4642	0.31	3835	0.58	1710	0.91	768
Haryana	0.19	2569	0.30	2301	0.20	988	0.38	532
Himachal Pradesh	0.00	1367	0.00	1041	0.00	297	0.00	91
Jammu & Kashmir	0.09	2274	0.05	2026	0.00	1120	0.00	567
Jharkhand	0.19	4296	0.13	3143	0.13	1515	0.48	630
Karnataka	0.33	11344	0.45	9391	0.28	3201	0.26	756
Kerala	0.08	2463	0.05	2142	0.00	741	0.00	230
Madhya Pradesh	0.14	9361	0.16	6940	0.08	2433	0.00	794
Maharashtra	0.29	13960	0.31	11271	0.32	4038	0.74	1074
Manipur	0.48	2296	0.81	1843	0.50	801	0.53	568
Meghalaya	0.20	1009	0.12	816	0.00	500	0.26	770
Mizoram	1.22	1234	0.66	1068	0.81	745	0.20	508
Nagaland	1.68	1849	1.03	1461	1.16	773	0.96	625
Odisha	0.25	6393	0.17	4580	0.38	1316	0.45	447
Puducherry	0.25	402	0.00	302	0.00	76	0.00	20
Punjab	0.21	3284	0.45	2654	0.42	960	0.00	297
Rajasthan	0.40	6294	0.29	4795	0.25	2034	0.12	852
Sikkim	0.13	768	0.00	619	0.00	158	2.13	47
Tamil Nadu	0.32	12628	0.21	12268	0.26	3130	0.41	740
Telangana	0.47	4433	0.41	4163	0.08	1185	0.00	181
Tripura	0.11	931	0.39	513	0.00	122	0.00	25
Uttar Pradesh	0.19	9995	0.20	8320	0.26	4566	0.20	2538
Uttarakhand	0.19	2696	0.09	2111	0.00	799	0.00	298
West Bengal	0.16	4869	0.03	3316	0.12	803	0.00	184
<b>India</b>	<b>0.31</b>	<b>136418</b>	<b>0.27</b>	<b>110911</b>	<b>0.26</b>	<b>41167</b>	<b>0.35</b>	<b>16065</b>

#### 5.4. HIV Prevalence among ANC Clinic Attendees by Place of residence

HIV Prevalence was found to be 0.31% in respondent from urban areas as compared to 0.28% from those of rural areas, nationally. While a similar pattern was observed in a majority of states, there were some exceptions. In Assam (0.19%),Gujarat (0.64%), Karnataka (0.41%),Madhya Pradesh (0.15%),Meghalaya (0.19%), Punjab (0.33%), Rajasthan (0.38%), Tamil Nadu (0.28%) and Tripura (0.25%);relatively higher HIV prevalence was observed in rural areas compared to urban areas (Table 19).

#### 5.5. HIV Prevalence among ANC Clinic Attendees by Source of Referral

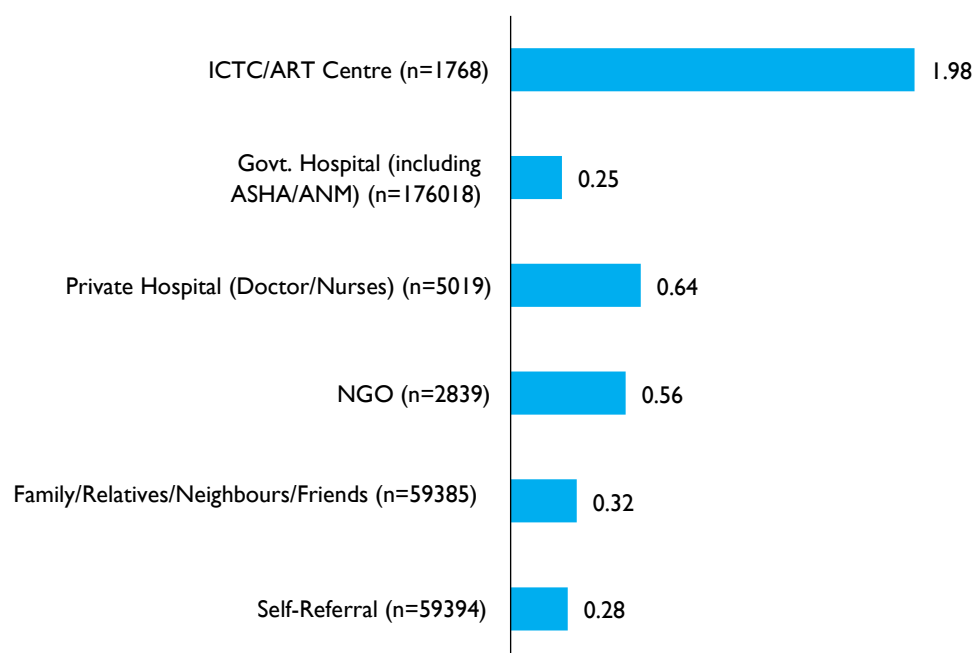
The source of referral helps in assessing if there are any specific biases being introduced in the sample due to specific referrals of HIV-positive cases from any source. Published literature indicates a disproportionate number of referrals of HIV-positive cases from private sector to government hospitals. Similarly, if there are higher numbers of referrals from ICTC/ART centres in the sample, it may bias the HIV prevalence, as those respondents are likely to be ones with exposure to HIV risk and risk perception or known HIV positives.



**Table 19: HIV Prevalence (%) among ANC Clinic Attendees by place of residence and State, HSS 2014-15, India**

State	Urban		Rural	
	Prev %	N	Prev %	N
Andaman & Nicobar Islands	0.26	391	0.00	1192
Andhra Pradesh	0.35	4344	0.33	10663
Arunachal Pradesh	0.05	2196	0.10	1002
Assam	0.14	2133	0.19	8629
Bihar	0.37	2445	0.38	9043
Chandigarh	0.32	316	0.00	84
Chhattisgarh	0.52	3652	0.32	4112
Dadra & Nagar Haveli	0.00	146	0.00	252
Daman & Diu	0.52	383	0.00	412
Delhi	0.26	1946	0.00	54
Goa	0.00	154	0.10	1039
Gujarat	0.48	5400	0.64	5486
Haryana	0.31	2553	0.21	3811
Himachal Pradesh	0.00	228	0.00	2559
Jammu & Kashmir	0.20	979	0.02	4985
Jharkhand	0.19	3762	0.17	5786
Karnataka	0.30	10062	0.41	14555
Kerala	0.00	1674	0.08	3851
Madhya Pradesh	0.10	9093	0.15	10365
Maharashtra	0.36	13810	0.29	16473
Manipur	0.69	1015	0.59	4415
Meghalaya	0.00	482	0.19	2581
Mizoram	0.86	930	0.80	2612
Nagaland	1.54	2072	1.08	2586
Odisha	0.27	3711	0.22	8970
Puducherry	0.00	224	0.17	576
Punjab	0.27	2594	0.33	4566
Rajasthan	0.24	6293	0.38	7625
Sikkim	0.22	456	0.09	1121
Tamil Nadu	0.25	10706	0.28	17996
Telangana	0.61	2611	0.31	7326
Tripura	0.00	395	0.25	1196
Uttar Pradesh	0.22	7639	0.20	17698
Uttarakhand	0.24	2112	0.05	3780
West Bengal	0.15	2591	0.09	6560
<b>India</b>	<b>0.31</b>	<b>109498</b>	<b>0.28</b>	<b>193961</b>

**Figure 19: HIV Prevalence (%) among ANC Clinic Attendees by Source of Referral, HSS 2014-15**



It was observed that HIV prevalence was higher among the respondents referred from ICTC/ART centres (1.98%), followed by prevalence among the ANC clinic attendees referred from private hospital (0.64%). HIV Prevalence of 0.56% was observed among the respondents referred from NGOs, and prevalence among those referred by family/relatives/neighbours/friends was 0.32%. Respondents who came on their own to the ANC clinic reported HIV prevalence of 0.28% and the lowest HIV prevalence was recorded among ANC clinic attendees referred from government hospital (0.25%) (Figure 19).

From the data, it can be observed that there was possibility of disproportionately higher referral of HIV positive cases from private providers & ICTC/ART centers to the ANC clinics; however it may not have the potential to bias the results due to their small sample size. Less than two percent had been referred by private service providers at the national level. NGOs & ICTC/ART centres accounted for <1% of referrals each. Careful assessment of bias needs to be done at state level from these referrals, as these proportions would be even smaller.

### 5.6. HIV Prevalence among ANC Clinic Attendees by Current Occupation of Respondent and Spouse

As noted in chapter 3, more than four fifth of the ANC clinic attendees were housewives and only 15% had engaged in direct income generation activities. HIV prevalence among ANC clinic attendees who were housewives was 0.28% (n= 2,59,771) while highest HIV prevalence was observed among respondents whose primary occupation was non-agricultural labourer(0.46%; n=6,886). HIV Prevalence was higher among respondents who had petty business/small shop (0.40%; n=1987), agricultural labourer (0.39%; n=15236) and in government/private services (0.32%; n=8631) (Table 20).

HIV Prevalence among the ANC clinic attendees whose spouse were truck driver/helper was observed to be highest i.e. 0.64% (n=6,234) compared to other occupations. This was followed by those whose spouses were domestic servants (0.59%; n=1,009). Among respondents whose spouses were unemployed, HIV prevalence was reported to be 0.55% (n=4,192) while it

**Table 20: HIV Prevalence among ANC Clinic Attendees by occupation of respondent and spouse, HSS 2014-15, India**

Occupation	Respondent		Spouse	
	Prev %	N	Prev %	N
1. Agricultural Labourer	0.39	15,236	0.28	43,320
2. Non-Agricultural Labourer	0.46	6,886	0.29	57,773
3. Domestic Servant	0.29	1,356	0.59	1,009
4. Skilled / Semiskilled worker	0.25	3,670	0.27	49,908
5. Petty business / small shop	0.40	1,987	0.24	32,563
6. Large Business/Self employed	0.18	559	0.21	7,964
7. Service (Govt./Pvt.)	0.32	8,631	0.29	52,350
8. Student	0.17	2,976	0.12	3,325
9. Truck Driver/helper	0.00	13	0.64	6,234
11. Hotel Staff	0.00	169	0.33	4,238
12. Agricultural cultivator/	0.40	3,486	0.20	19,183
13. Unemployed	-	-	0.55	4,192
14. Housewife	0.28	2,59,771	-	-
15. Not Applicable (For widows /unmarried women)	-	-	3.66	383

was 0.33% (n=4,238) among those ANC clinic attendees whose spouse were working as hotel staff.

### 5.7. HIV Prevalence among ANC Clinic Attendees by Migration Status of Spouse

Respondents were asked about the migration status of their husband for work, for longer than 6 months, as this variable helps in finding association of migration of spouse and spread of HIV among the ANC clinic attendees. It was observed from the data collected among the ANC clinic attendees, that higher HIV prevalence was reported among the respondents whose spouse were migrants (0.40%; n=19,209). HIV prevalence among the respondents whose spouse were non-migrants was 0.28% (n= 2,83,221). Inter-state variation was observed in this pattern though. Higher HIV prevalence among respondents with migrant spouse was recorded in Bihar (0.66%; n=3,504), Maharashtra (0.86%; n=581), Manipur (1.21%; n=331), Rajasthan (0.51%; n=972) and Uttar Pradesh (0.36%; n=3,640). However, at the state level as the denominator is small for respondents with migrant spouses, the interpretations have to be done carefully (Table 21).

### 5.8. HIV Prevalence among ANC Clinic Attendees by Syphilis sero-positivity

In ANC HIV Sentinel Surveillance, the blood specimens collected are tested for Syphilis using Rapid Plasma Reagin (RPR) test. Two test protocol is used for Syphilis i.e. qualitative first test and quantitative second test. Only the samples for which first test is found reactive are subjected for the second quantitative test. Under HSS, RPR quantitative tests are reported as “reactive” at dilutions of  $\geq 1:8$ . RPR test was conducted in all the States where ANC HSS was conducted, with the exception of Bihar and Uttar Pradesh.

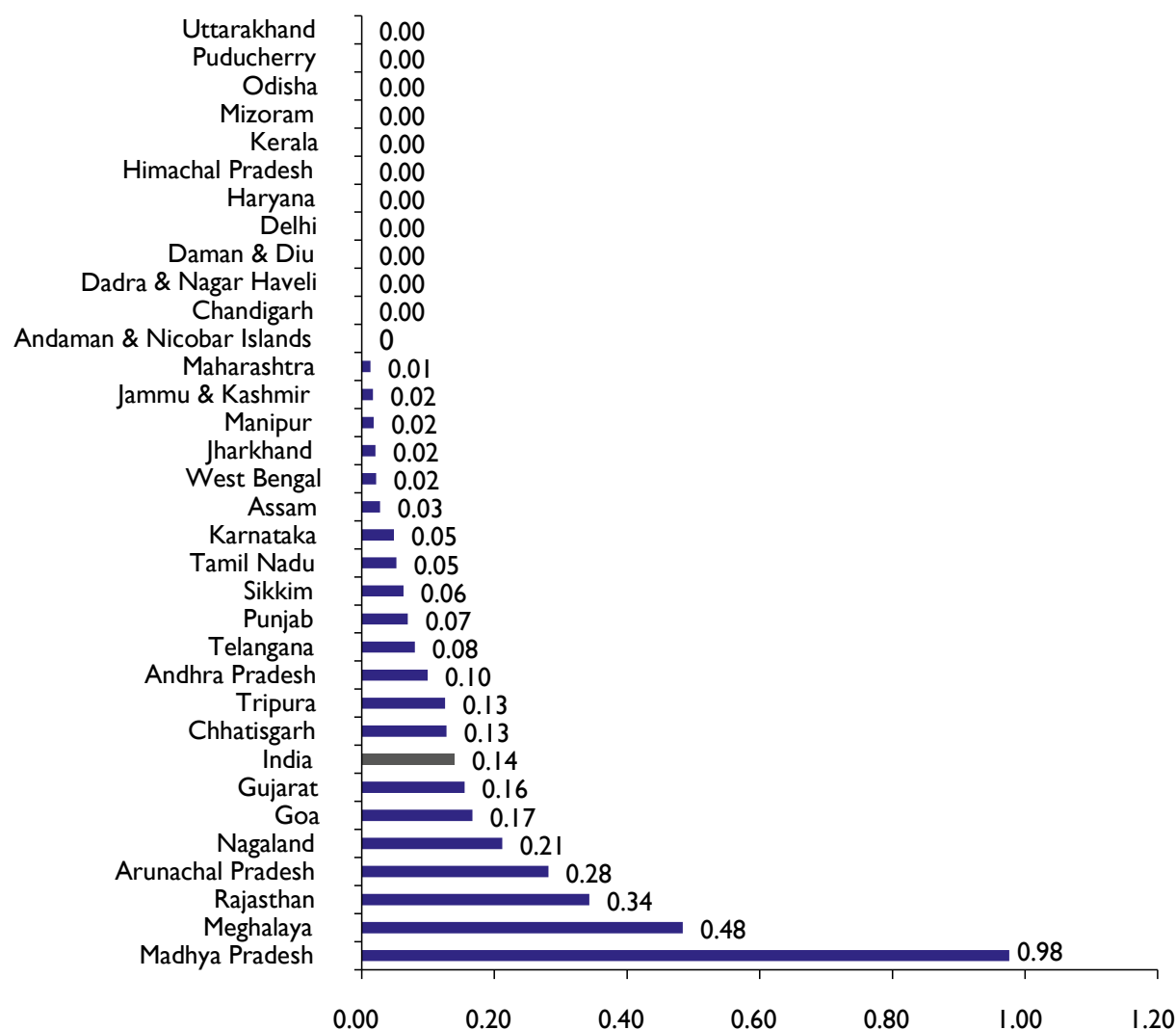
Figure 20 shows state wise Syphilis sero-positivity among ANC clinic attendees. Overall the Syphilis sero-positivity was low at 0.14% (90% CI; 0.13-0.15). Seven states recorded Syphilis sero-positivity above the national average with Madhya Pradesh (0.98%) having the highest sero-positivity followed by Meghalaya (0.48%), Rajasthan (0.34%), Arunachal Pradesh (0.28%) and Nagaland (0.21%). Telangana (0.08%) and Punjab (0.07%) recorded Syphilis sero-positivity slightly lower than national average.

The data for total number of ANC clinic attendees tested for Syphilis was cross tabulated with the variable for HIV Testing. It was observed that high HIV prevalence was found among the respondents who were syphilis sero-positive (Table 22).

**Table 2I: HIV Prevalence (%) among ANC Clinic Attendees by migration status of spouse and State, HSS 2014-15, India**

State	Yes		No	
	Prev %	N	Prev %	N
Andaman & Nicobar Islands	0.00	38	0.06	1539
Andhra Pradesh	0.00	309	0.33	14673
Arunachal Pradesh	0.00	104	0.06	3092
Assam	0.00	386	0.18	10358
Bihar	0.66	3504	0.25	8017
Chandigarh	0.00	1	0.25	399
Chhattisgarh	0.00	186	0.42	7554
Dadra & Nagar Haveli	0.00	80	0.00	317
Daman & Diu	0.00	150	0.31	647
Delhi	0.00	82	0.26	1916
Goa	0.00	6	0.08	1192
Gujarat	0.00	236	0.57	10646
Haryana	0.62	161	0.24	6161
Himachal Pradesh	0.00	63	0.00	2704
Jammu & Kashmir	0.00	305	0.05	5651
Jharkhand	0.15	1304	0.19	7952
Karnataka	0.51	196	0.36	24423
Kerala	0.00	452	0.06	5118
Madhya Pradesh	0.17	577	0.13	18890
Maharashtra	0.86	581	0.30	29222
Manipur	1.21	331	0.55	5131
Meghalaya	0.00	50	0.17	3015
Mizoram	0.70	287	0.79	3151
Nagaland	3.94	127	1.20	4485
Odisha	0.63	1279	0.19	11418
Puducherry	0.00	26	0.13	774
Punjab	0.00	133	0.33	7035
Rajasthan	0.51	972	0.31	12940
Sikkim	0.00	50	0.13	1504
Tamil Nadu	0.14	1389	0.27	27325
Telangana	0.86	233	0.35	9708
Tripura	0.00	50	0.19	1540
Uttar Pradesh	0.36	3640	0.18	21635
Uttarakhand	0.19	1047	0.10	4842
West Bengal	0.11	874	0.11	8247
<b>India</b>	<b>0.40</b>	<b>19209</b>	<b>0.28</b>	<b>283221</b>

**Figure 20: Syphilis Prevalence (%) at ANC Sites, India and States, 2014-15**



**Table 22 : HIV Prevalence among ANC Clinic Attendees by Syphilis sero-positivity, HSS 2014-15, India**

Syphilis Sero-positivity Stats	N	HIV prevalence (% with 95% CI)
Yes	373	1.6% (0.33-2.89)
No	2,66,095	0.3% (0.27-0.31)

# 6 HIV Prevalence trend among ANC clinic attendees

The primary objective of HIV Sentinel Surveillance is to generate data on trends of HIV prevalence among various population groups in the country. Over time, HIV Sentinel Surveillance has offered vital clues to newer areas where HIV was emerging, highlighting rising trends in certain states or regions.

This has been a critical input to the strategic planning efforts under the National AIDS Control Programme and contributed to shaping the strategies for prevention and control of HIV/AIDS in India.

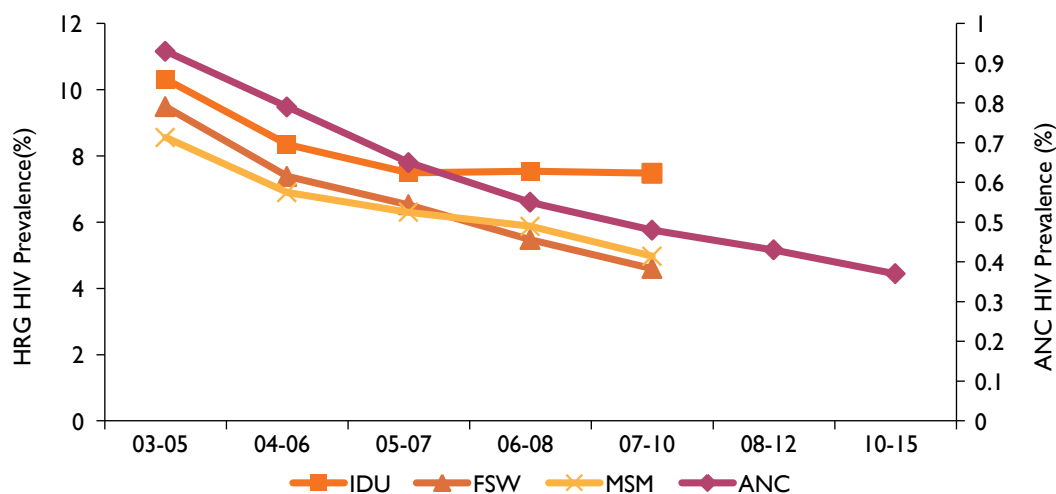
This chapter presents the trends of HIV prevalence among ANC clinic attendees at national, regional, state and intra-state levels. Data from the year 2003 has been used for trend analysis. Data from only consistent sites was used for trend analysis as it avoids the effect of addition of new sites on HIV prevalence in subsequent years, and hence provides a better picture of HIV trends in a state or region. Further, in order to smoothen the sampling variations in HIV prevalence due to small sample size at sentinel site level, a three-year moving average was calculated at state/regional levels and trends have been analysed using this

data. All the invalid sites i.e. sites where sample size was less than 75% (300) of the target sample size of 400, were excluded from trend analysis for that year.

## 6.1. HIV Prevalence trend at National Level

Trends among different population groups at national as well as state level are derived using three year moving averages of HIV prevalence at consistent sites from 2003 to 2015 for ANC and from 2003 to 2011 for HRGs and bridge populations. At national level, the trend appears to be continuously declining among ANC clinic attendees, FSW & MSM; while it appears to be stable among IDU (Figure 21).

**Figure 21: HIV Prevalence trend across different groups, HSS 2014-15<sup>1</sup>, India**



<sup>1</sup>3-yr moving averages based on consistent sites(2002-2006 for ANC and 2002-2005 for HRG);ANC-561 sites, FSW-89 sites, MSM-22 sites, IDU-38 sites

Data was inadequate to present trends among H/ TG, migrants & truckers. Year-wise prevalence from 2003-2015 for ANC, HRG and Bridge population is given in Annex 5-9.

## 6.2. HIV Prevalence trend at regional and state level

The erstwhile high prevalence southern states have shown long term declining trends. Similarly, declining trends have been observed in high prevalence states of north-east but from 2008 onwards stable trends at relatively high level were observed. The low prevalence states of Northern and Eastern region showed stable long term trends (Figure 22).

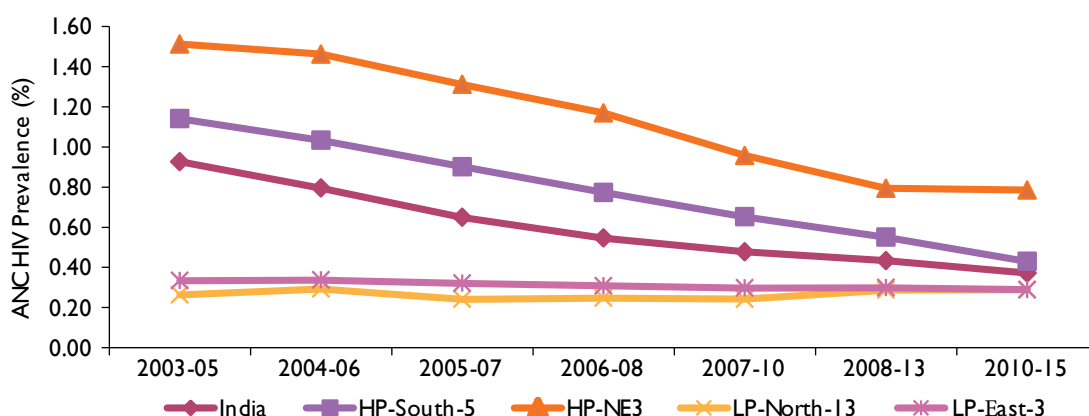
Among the erstwhile high prevalence states of Andhra Pradesh, Maharashtra, Karnataka, Tamil Nadu and

Telangana the HIV trend appears to be continuously declining (Figure 23).

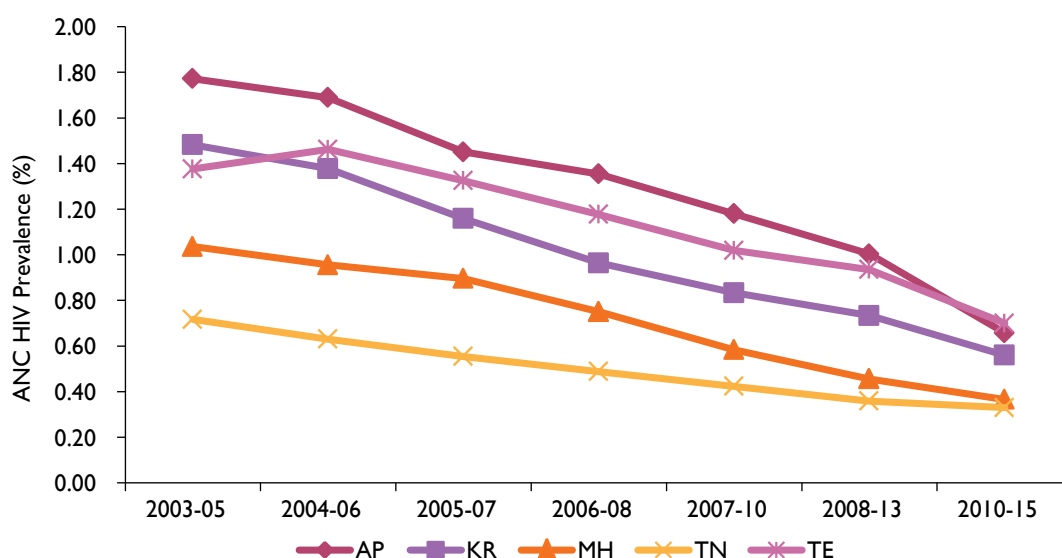
In the north eastern states of Manipur, Mizoram and Nagaland, long term trend continue to be declining (Figure 24). However, stabilization in trend in recent past has been noticed in these states.

The long term HIV prevalence showed declining trends in the low prevalence states of Goa, Kerala, Madhya Pradesh, West Bengal and Odisha (Figure 25). Union territories of Andaman & Nicobar Islands, Dadra & Nagar Haveli, and Daman & Diu showed stable trends of HIV prevalence at very low levels. Jammu & Kashmir, Meghalaya, Sikkim and Tripura (Figure 26) showed long term declining trends but from 2007 onwards rising trends were observed in all these states. However, this rising trend was at low level.

**Figure 22: Region-wise trends in ANC HIV Prevalence<sup>2</sup>, HSS 2014-15, India**



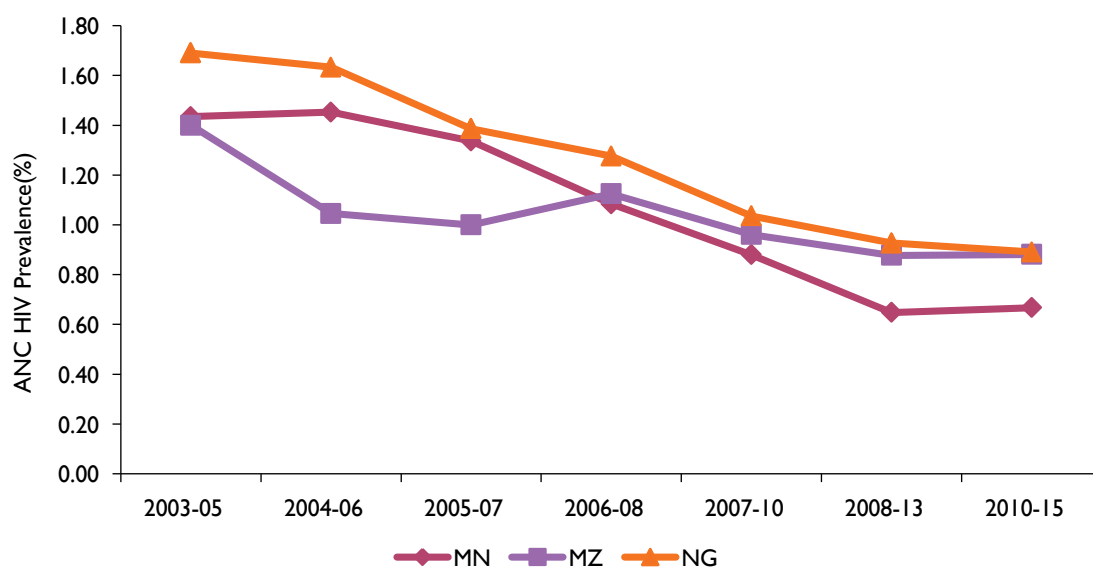
**Figure 23: State-wise trends in ANC HIV Prevalence based on consistent sites<sup>3</sup>, HSS 2014-15, India**



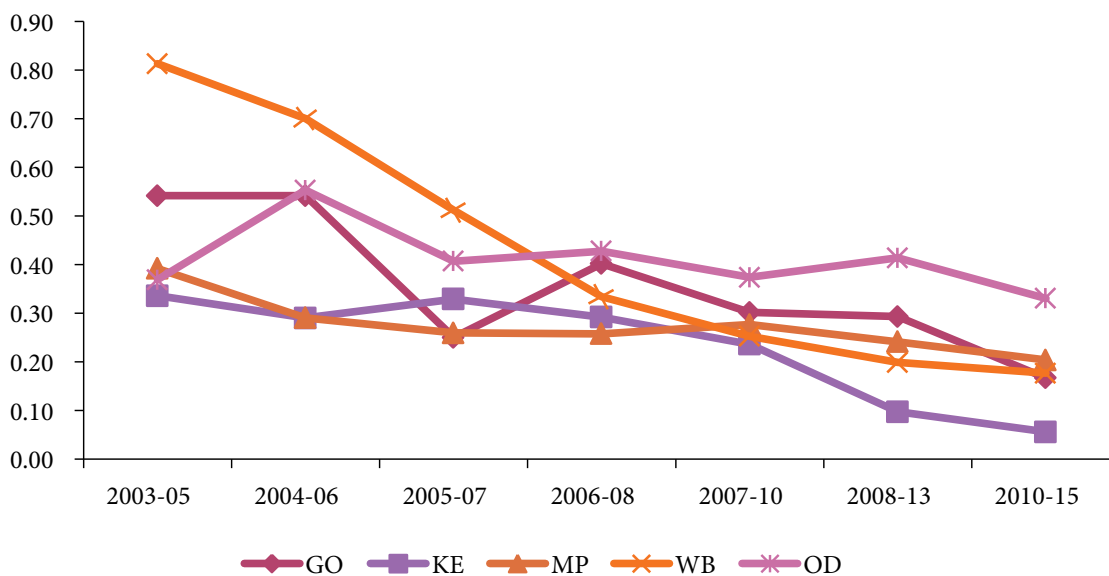
<sup>2</sup>3-yr moving averages based on consistent sites; India – 561; HP-South-5 (Andhra Pradesh, Tamilnadu, Karnataka, Maharashtra, Telangana) – 233, HP-NE-3 (Manipur, Nagaland, Mizoram) – 33, LP-North-13 (Assam, Chandigarh, Chhattisgarh, Delhi, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Odisha, Punjab, Rajasthan, Uttarakhand, Uttar Pradesh) – 185, LP-East-3 (Bihar, Jharkhnd, West Bengal-45).

<sup>3</sup>3-yr moving averages based on consistent sites; AP (Andhra Pradesh)-26; KR (Karnataka)-54; MH (Maharashtra)-72; TN (Tamilnadu)-63; TE (Telangana)-18.

**Figure 24: State-wise trends in ANC HIV Prevalence based on consistent sites<sup>4</sup>**



**Figure 25: State wise trends in ANC HIV Prevalence based on consistent sites<sup>5</sup>**

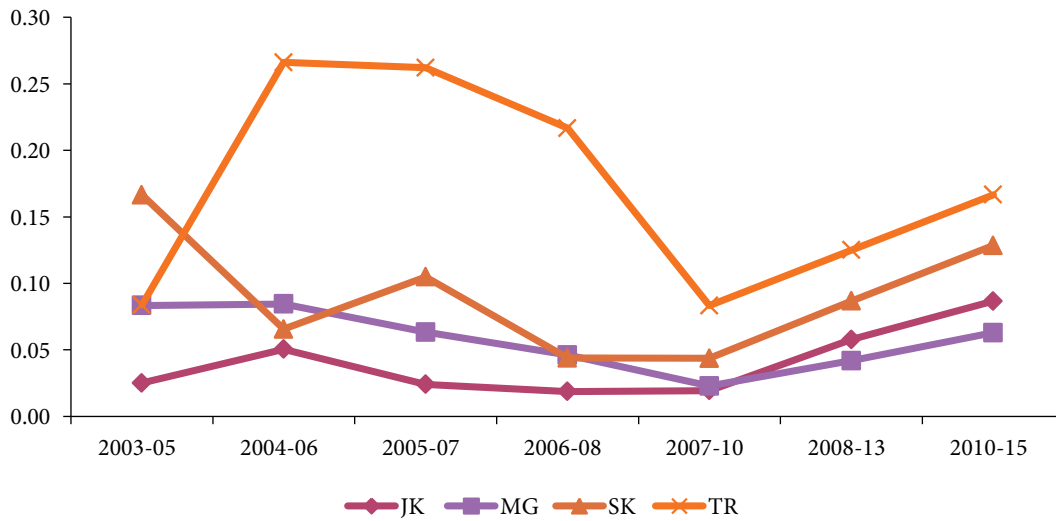


<sup>4</sup>3-yr moving averages based on consistent sites; MN (Manipur)-14; MZ (Mizoram)-4; NG (Nagaland)-15..

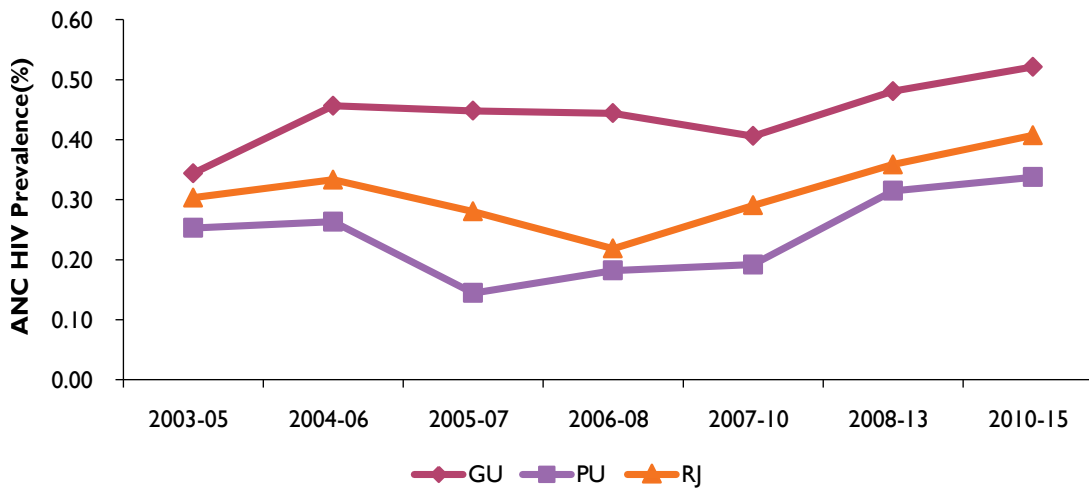
<sup>5</sup>3-yr moving averages based on consistent sites; GO (Goa)-2; KE (Kerala)-6; MP (Madhya Pradesh)-36; WB (West Bengal)-11; OD (Odisha)-23



**Figure 26: State-wise trends in ANC HIV Prevalence based on consistent sites<sup>6</sup>**

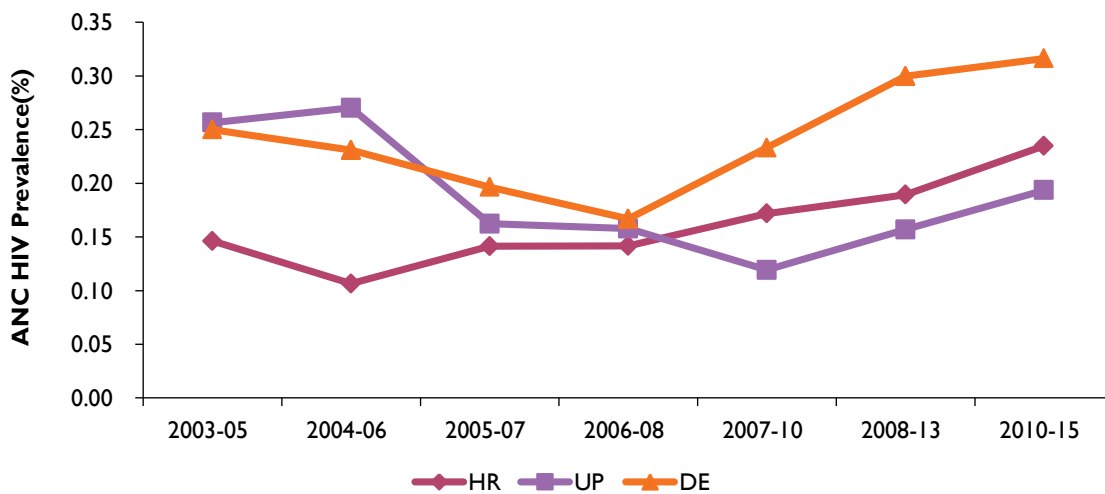


**Figure 27: State-wise trends in ANC HIV Prevalence based on consistent sites<sup>7</sup>**



Long term trend appears to be rising in moderate and low prevalence states of Delhi, Gujarat, Haryana, Punjab, Rajasthan and Uttar Pradesh (Figure 27 & Figure 28).

**Figure 28: State-wise trends in ANC HIV Prevalence based on consistent sites<sup>8</sup>**

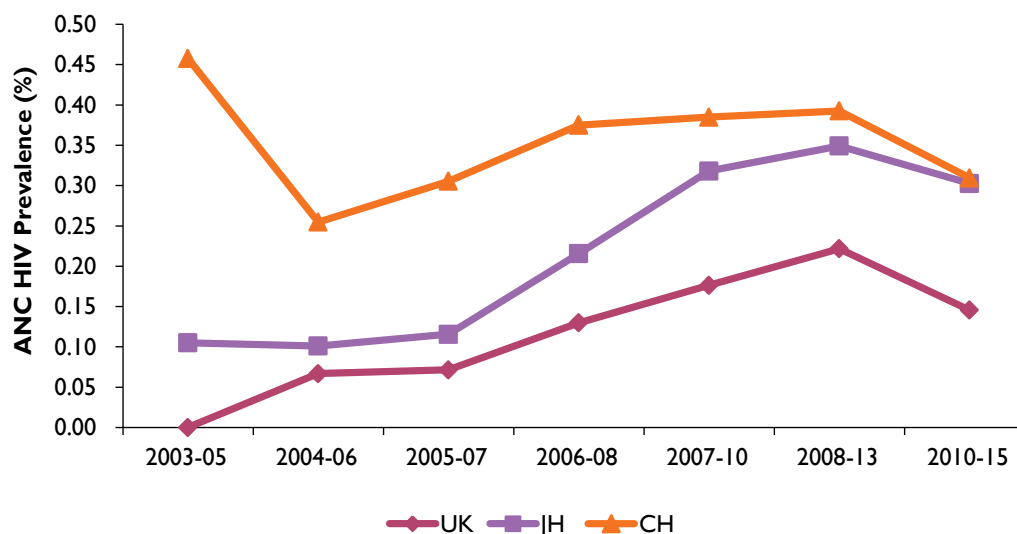


<sup>6</sup>3-yr moving averages based on consistent sites; JK(Jammu & Kashmir)-9 , MG(Meghalaya)-4,SK(Sikkim)-2,TR (Tripura)-2

<sup>7</sup>3-yr moving averages based on consistent sites; GU (Gujarat)-23 , PU(Punjab)-11,RJ (Rajasthan)-24

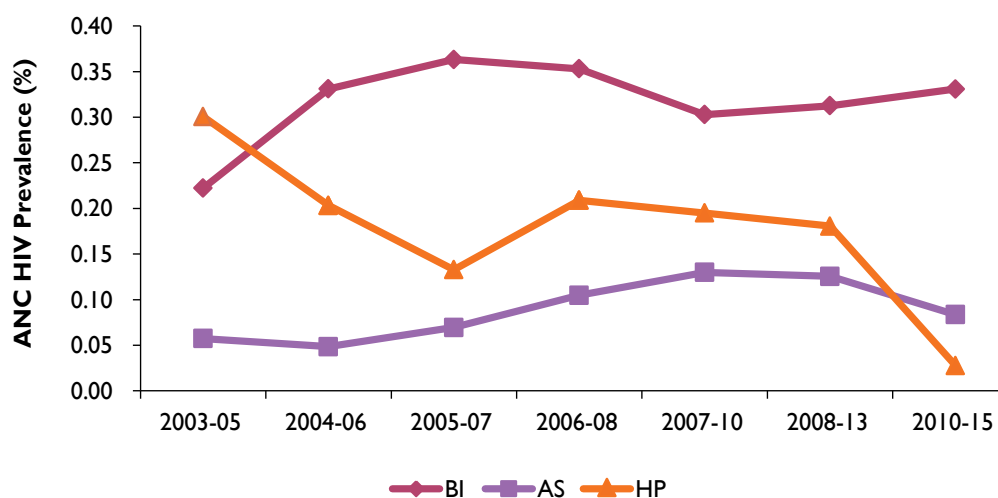
<sup>8</sup>3-yr moving averages based on consistent sites; HR(Haryana)-11 , UP (Uttar Pradesh)- 39; DE (Delhi)-5

**Figure 29: State wise trends in ANC HIV Prevalence based on consistent sites<sup>9</sup>**



Besides, the low prevalence states of Assam, Bihar, Chhattisgarh, Jharkhand and Uttarakhand showed rising trends of HIV prevalence among ANC clinic attendees at levels of less than 0.50 percent (Figure 29 and Figure 30).

**Figure 30: State wise trends in ANC HIV Prevalence based on consistent sites<sup>10</sup>**



### 6.3. HIV Prevalence trends at district/site level

A comprehensive and consistent approach is necessary to determine and monitor the HIV levels and trends, as they help in public health management and policy making. Analysis of surveillance data from the same populations over time can provide insights into trends of HIV prevalence. District level HIV levels and trends help in identifying the emerging pockets of HIV epidemic in the states. There can be intra-state variations at variance with

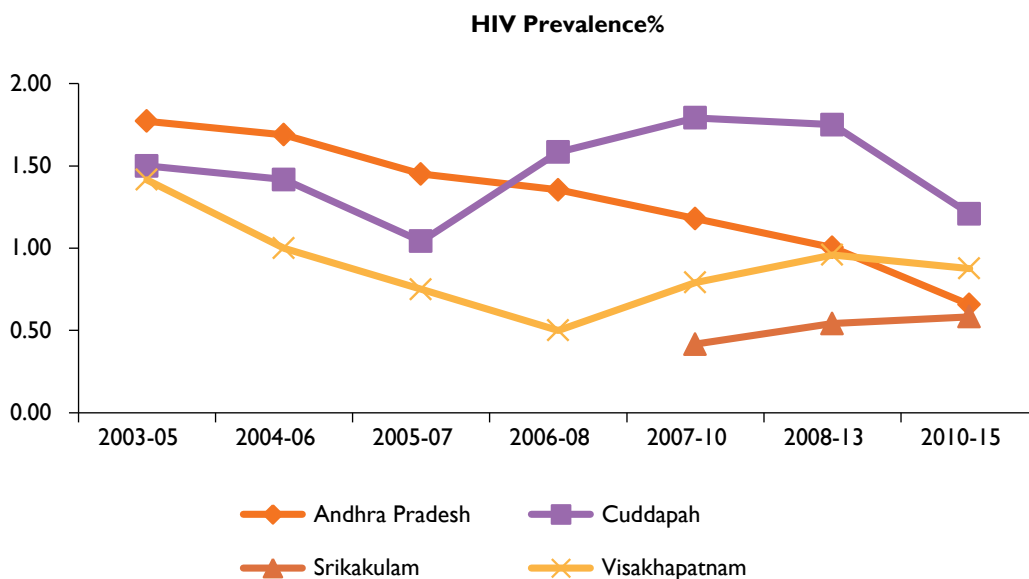
trends at state level. The district level trends have been analysed based on the consistent sentinel sites from 2002-06. They were analysed together to get three year moving averages; this further helps to interpret the epidemic over a longer period at sites where HIV was more visible and sentinel sites were established earlier. In the section below, sites that showed rising trends are shown against the state trend to highlight the intra-state variations and sites in need of attention.

Year range notation is used to represent the three year moving averages. Data point 2003-05 is the moving

<sup>9</sup>3-yr moving averages based on consistent sites; UK(Uttarakhand)- 9; JH (Jharkhand)-13; CH (Chhattisgarh)-14.

<sup>10</sup>3-yr moving averages based on consistent sites; BI (Bihar)-21; AS (Assam)-10; ; HP (Himachal Pradesh)-6

**Figure 31: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Andhra Pradesh**



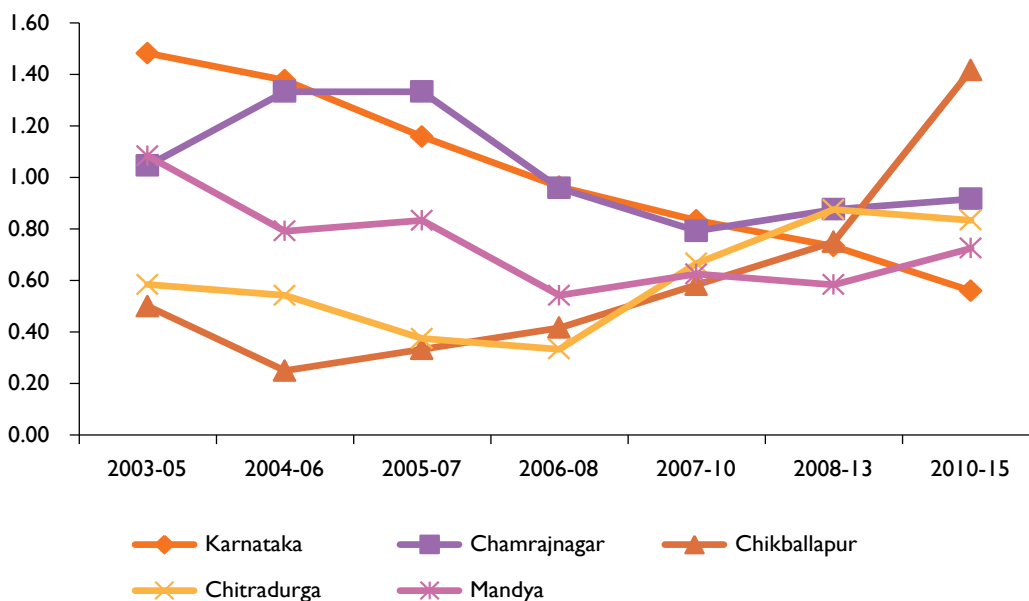
average of 2003, 2004 and 2005 rounds of HSS, and so on for the first three data points. For later four data points, since HSS was conducted once in two years, the year range is wide. Data point 2007-10 is the moving average of 2007, 2008-09 and 2010-11 rounds of HSS, and so on. The same notation is used in all the figures and other references in this chapter.

This section highlights the district HIV trends among the erstwhile high prevalence states followed by states with rising to stable HIV trends and then intra-state variation is shown among states with declining level and trends of HIV prevalence.

### HIV Levels and trends in the districts among the erstwhile high prevalence states

**Andhra Pradesh:** The state is showing long term declining HIV trends among ANC clinic attendees. The trends were observed to be declining in majority of the districts. However, pockets of emerging epidemic are observed in the Cuddapah, Srikakulam and Visakhapatnam districts (Figure 31) as per the ANC HSS data from last one decade.

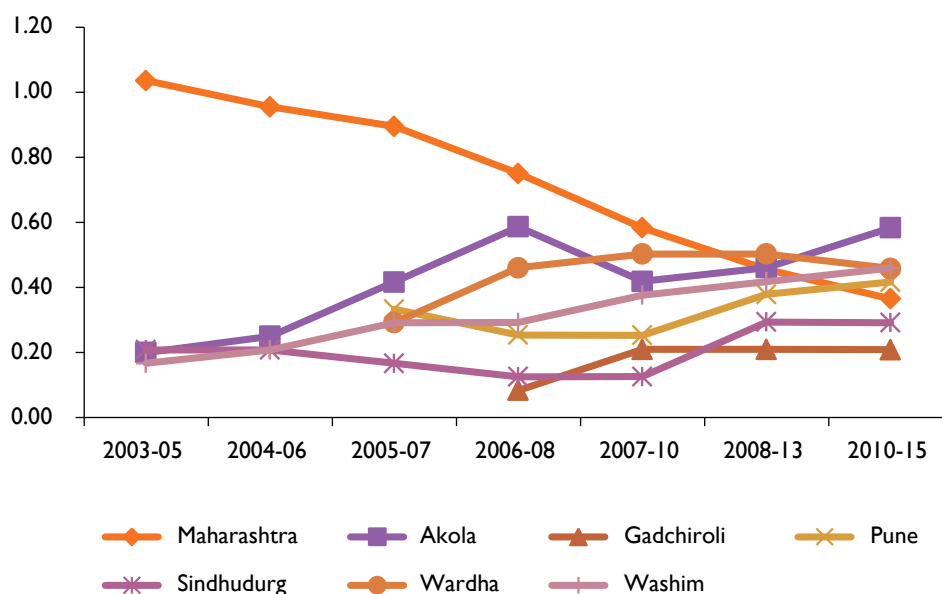
**Figure 32: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Karnataka**



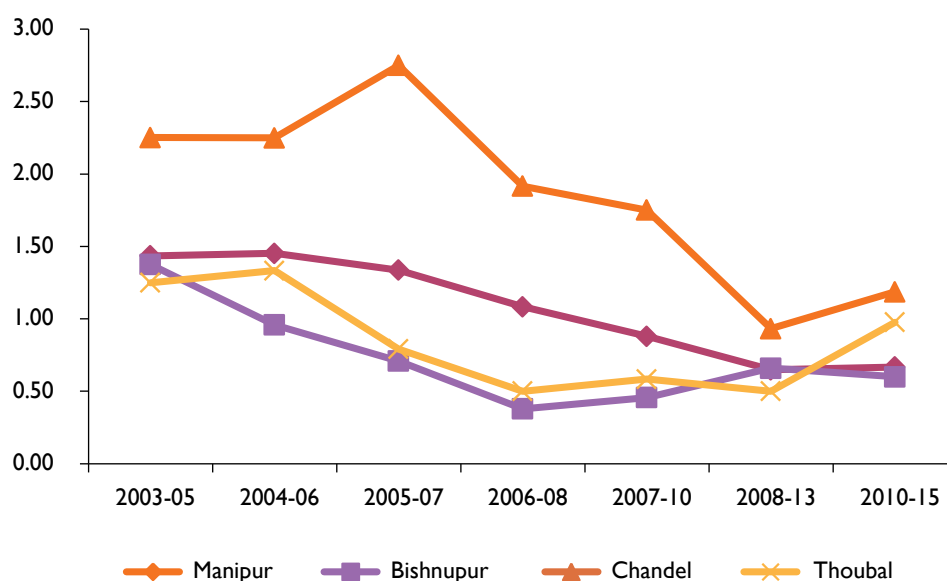
**Karnataka:** Karnataka showed long term declining trends of HIV prevalence among ANC clinic attendees. Declining to stable trends has been observed in most of the districts. Exception to this are the districts of Chamrajnagar, Chikballapur, Chitradurga and Mandya which showed rising trends of HIV prevalence mostly visible from 2005 afterwards (Figure 32).

**Maharashtra:** Maharashtra showed long term declining trends of HIV prevalence among ANC clinic attendees. A rising trend of HIV prevalence was observed only in the districts of Akola, Gadchiroli, Pune, Sindhudurg, Wardha and Washim (Figure 33). Declining trends of HIV prevalence were observed in most other districts.

**Figure 33: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Maharashtra**



**Figure 34: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Manipur**



**Figure 35: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Mizoram**



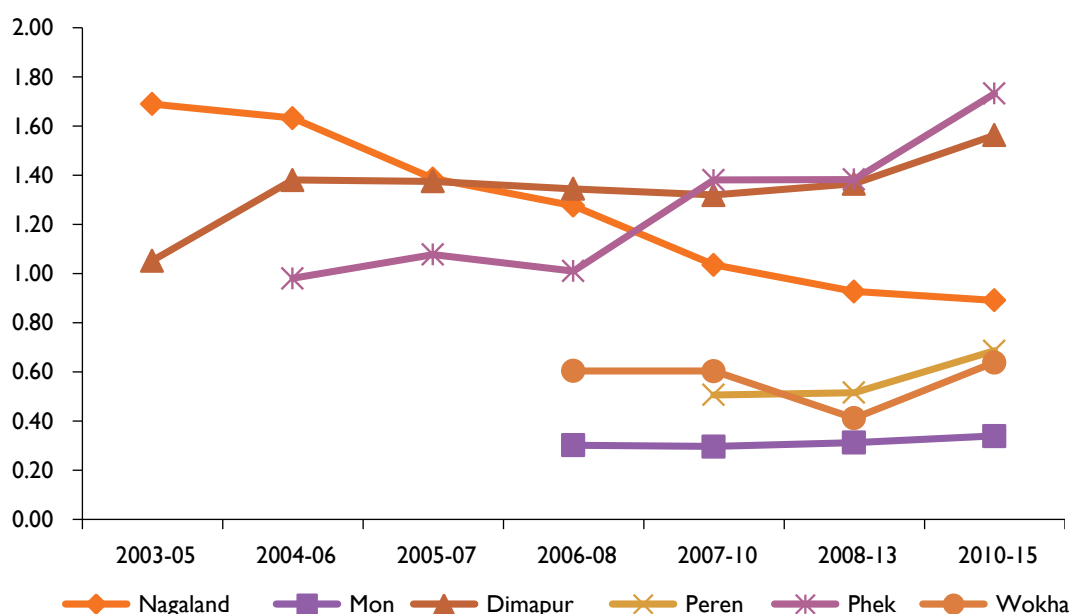
**Manipur:** Manipur showed a long term declining trend of HIV prevalence among ANC clinic attendees. However, from 2008 onwards, a more stable trend was observed. A stable trend was also observed in a few districts e.g. Senapati and Tamenglong. Rising trends of HIV prevalence are observed in Chandel and Thoubal from 2008 onwards. In Bishnupur rising trends were observed 2006 onwards, but they stabilized from 2008 onwards (Figure 34).

**Mizoram:** The long term trend of HIV prevalence among ANC clinic attendees is declining in Mizoram

with stabilization noticed in recent past. In the Champhai district, although long term trend was stable, from 2008 onwards rising trends were observed (Figure 35).

**Nagaland:** Nagaland showed long term declining trends of HIV prevalence among ANC clinic attendees. The districts of Kohima, Tuensang, Zonheboto and Mokokchung showed long term declining trends of HIV prevalence. However, stable to rising trends were also observed in Mon, Dimapur, Peren, Phek and Wokha. These rising trends were more visible from 2008 onwards (Figure 36).

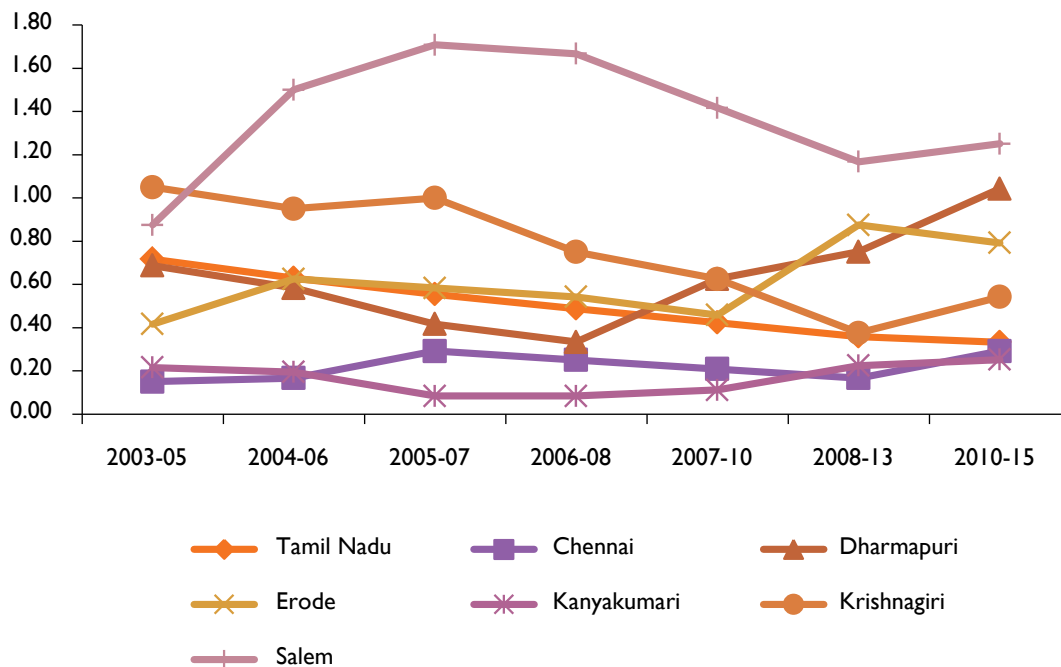
**Figure 36: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Nagaland**



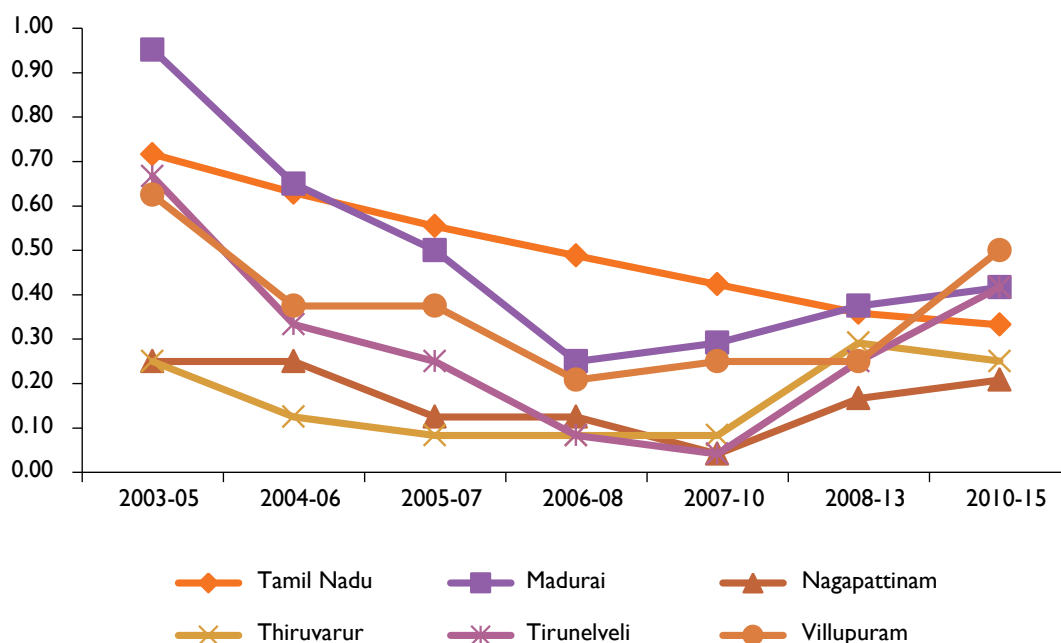
**Tamil Nadu:** Tamil is showing sharp long term declining trends in the HIV prevalence among ANC clinic attendees. However there are some districts in the state which are showing rising pockets of HIV prevalence

which need attention. These are in the districts of Chennai, Dharmapuri, Erode, Kanyakumari, Krishnagiri, Salem, Madurai, Nagapattinam, Thiruvarur, Tirunelveli and Villupuram (Figure 37 & 38).

**Figure 37: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Tamil Nadu**



**Figure 38: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Tamil Nadu**

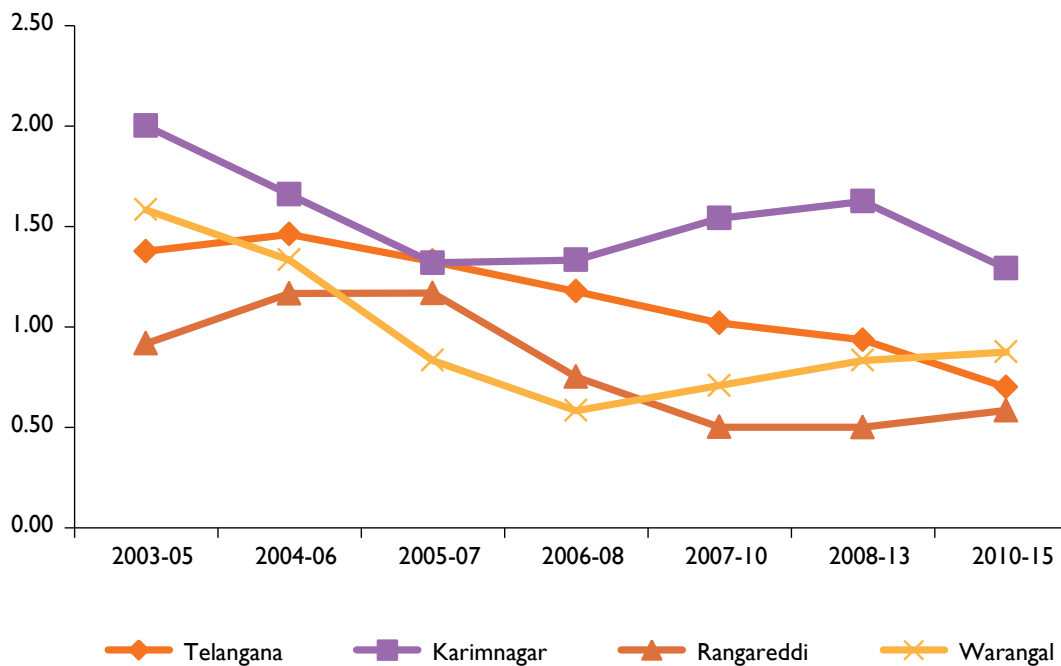


**Telangana:** The long term trends of HIV prevalence among ANC clinic attendees continued to be declining in Telangana. Districts like Nizamabad, Nalgonda showed declining trends however stable to rising trends of HIV prevalence were observed in Karimnagar, Rangareddi and Warangal (Figure 39).

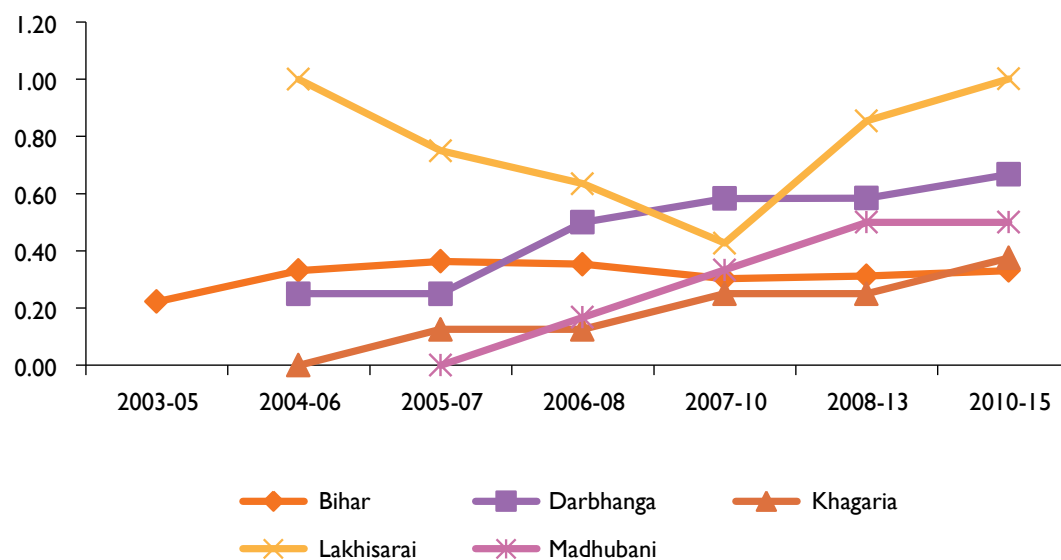
**6.3.2. HIV levels and trends in the districts among the states with rising to stable HIV trends**

**Bihar:** Bihar showed a stable HIV prevalence trend among the ANC clinic attendees in last decade. In some districts, a declining trend was observed. However,

**Figure 39: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Telangana**



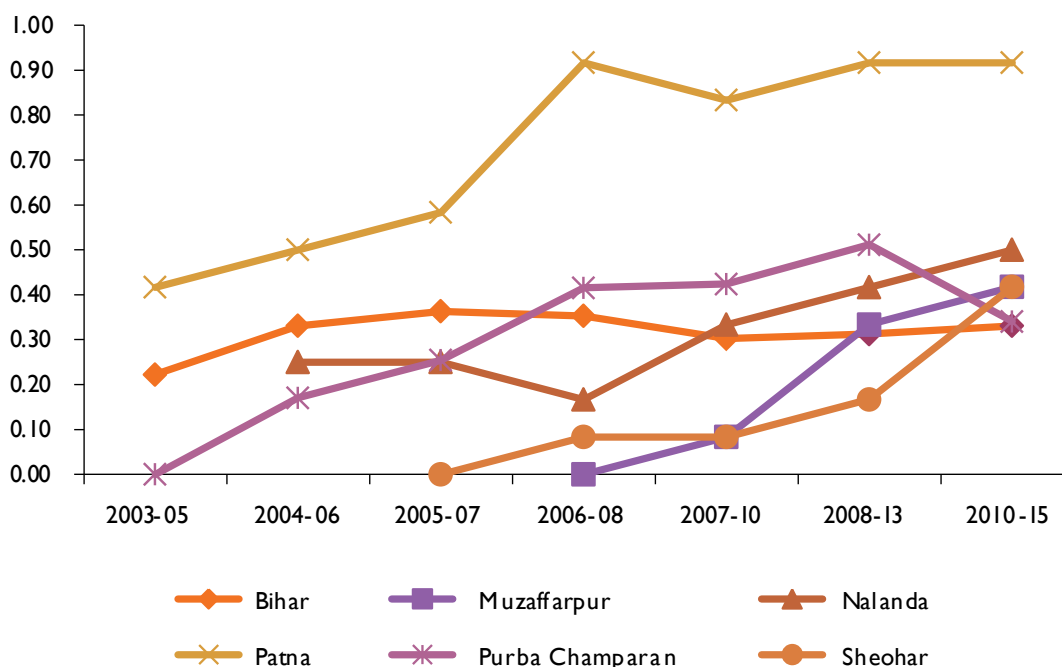
**Figure 40: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Bihar**



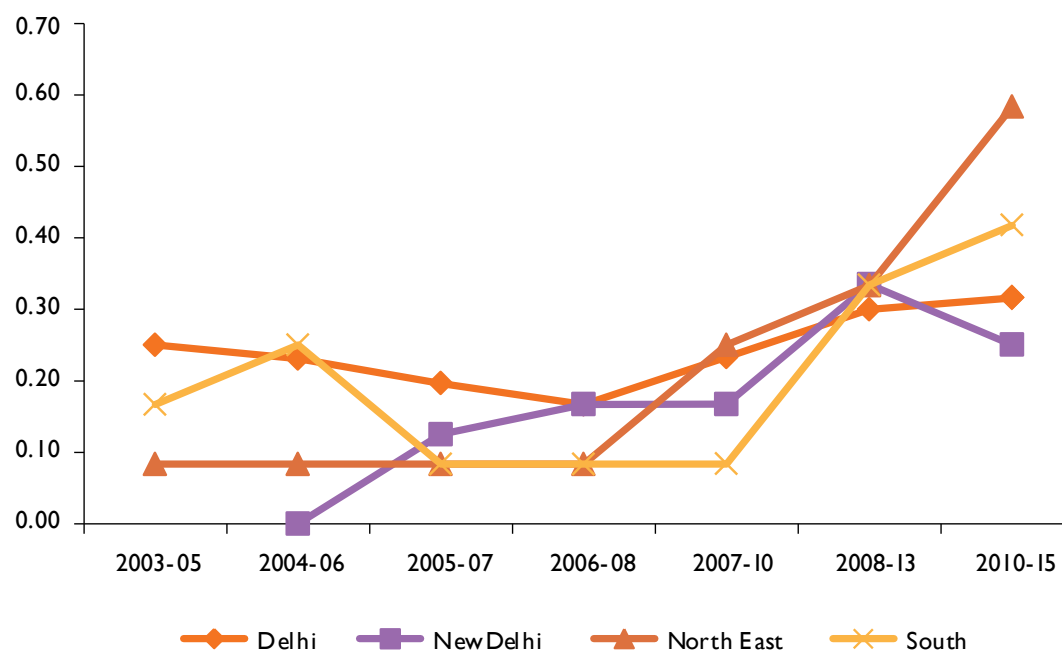
pockets of rising epidemic were observed in the districts of Darbhanga, Khagaria, Lakhsisarai and Madhuban (Figure 40 & 41), Muzaffarpur, Nalanda, Patna, Purba Champaran and Sheohar.

**Delhi:** Rising trends in HIV epidemic are observed in the state of Delhi in last few years among the ANC clinic attendees. A declining trend was observed only in the north west district while stable trends were observed in

**Figure 41: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Bihar**



**Figure 42: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Delhi**





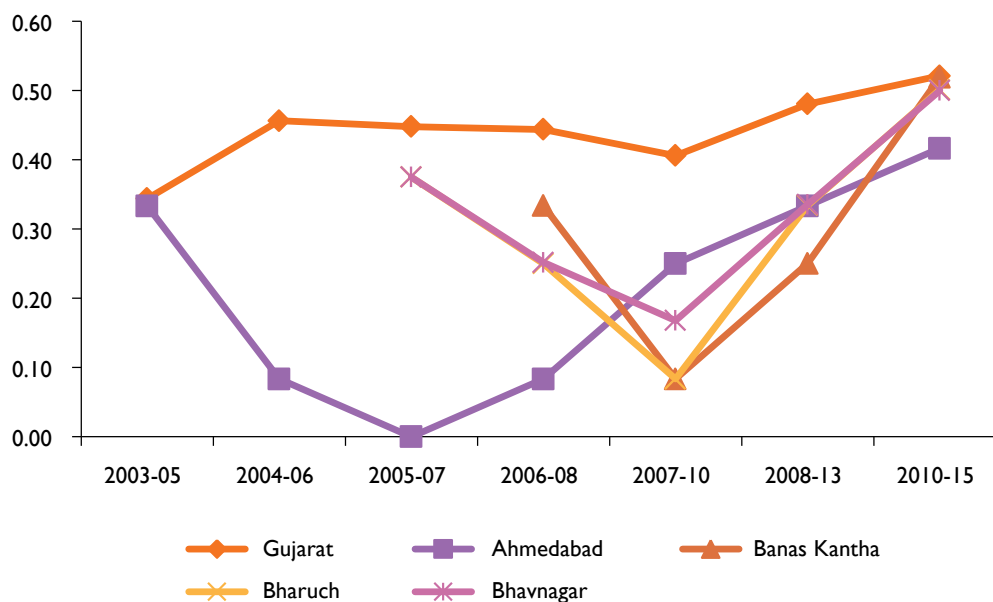
the north district. Long term rising trends were observed in the New Delhi, North East and South districts of the state (Figure 42).

**Gujarat:** Similarly Gujarat also has shown rising trends of HIV Prevalence among ANC clinic attendees. Very few districts have shown declining trends. Rising pockets of HIV epidemic were observed in many districts of Gujarat.

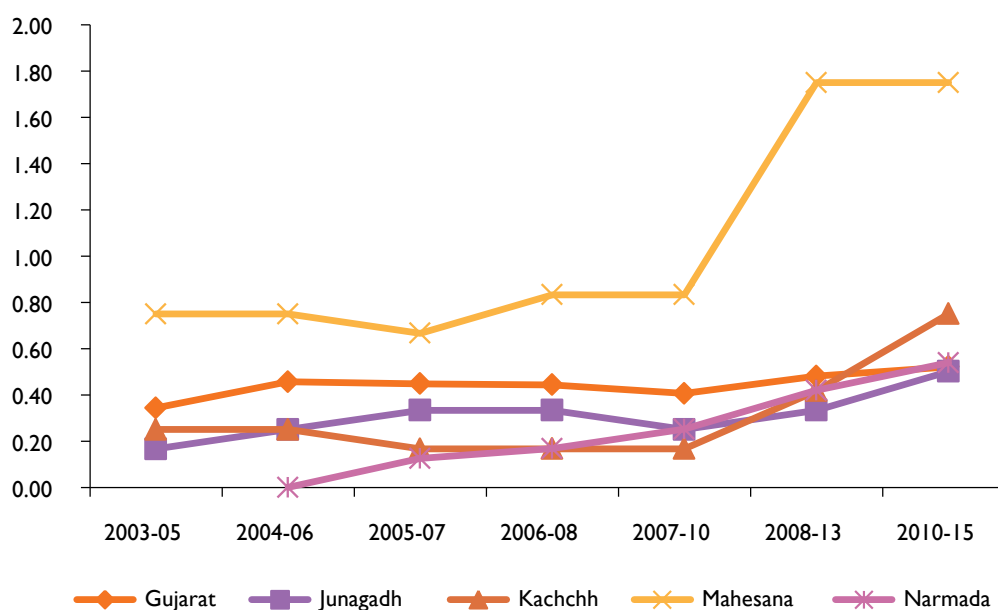
These include Ahmedabad, Banas Kantha, Bharuch, Bhavnagar, Junagad, Kachchh, Mahesana, Narmada, Panch Mahals, Patan, Rajkot, Sabar Kantha and Surendranagar (Figure 43, 44 & 45).

In most of these districts rising trend were observed from 2007 onwards.

**Figure 43: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Gujarat**



**Figure 44: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Gujarat**

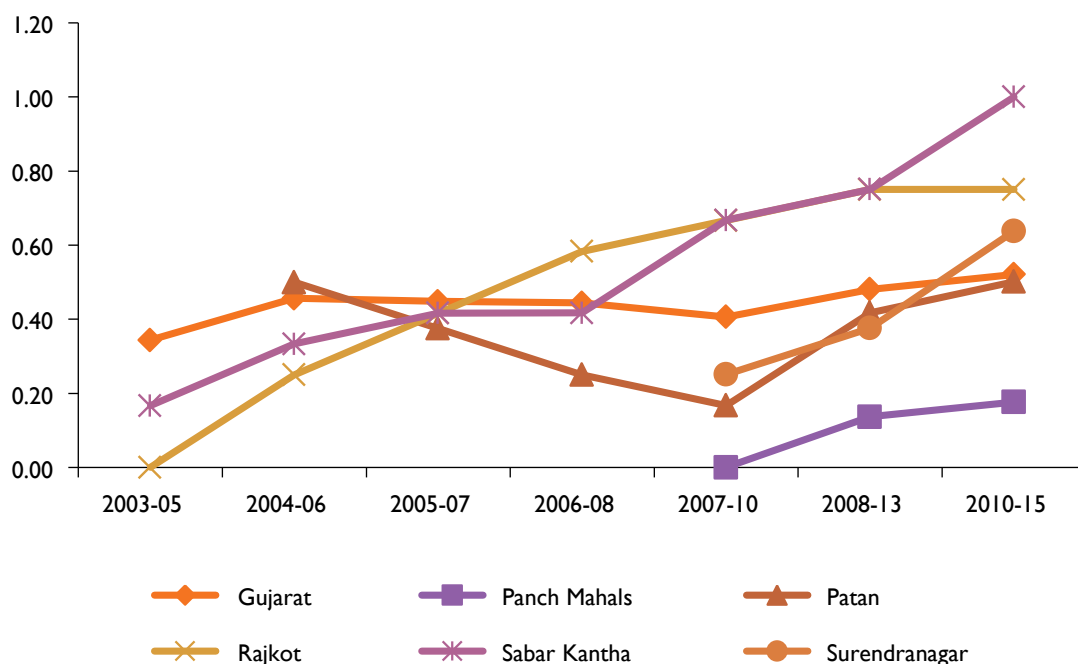


**Haryana:** Haryana also showed rising trends of HIV prevalence among ANC clinic attendees, while the level of rise was low. Stable to declining trends were visible in few districts like Mewat and Palwal. The districts of Fatehabad, Hisar, Jind, Kaithal and Panipat showed rising

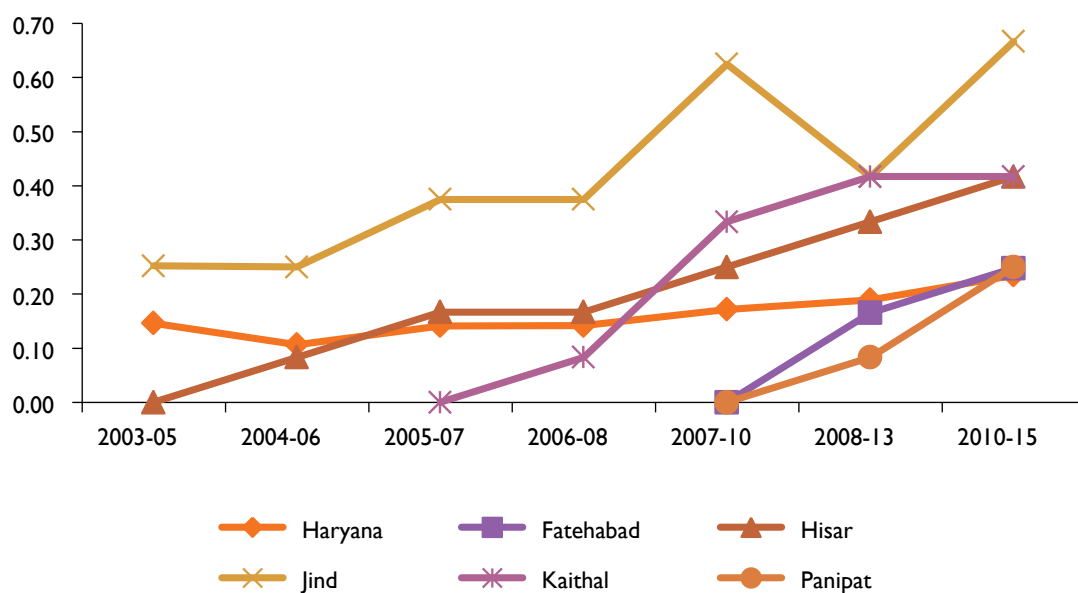
trends of HIV prevalence among ANC clinic attendees in last few years (Figure 46).

**Jammu & Kashmir:** The long term trends of HIV prevalence showed a low level rise among the ANC clinic

**Figure 45: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Gujarat**



**Figure 46: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Haryana**



attendees in Jammu & Kashmir. Only one district showed long term rising HIV prevalence i.e. Jammu (Figure 47).

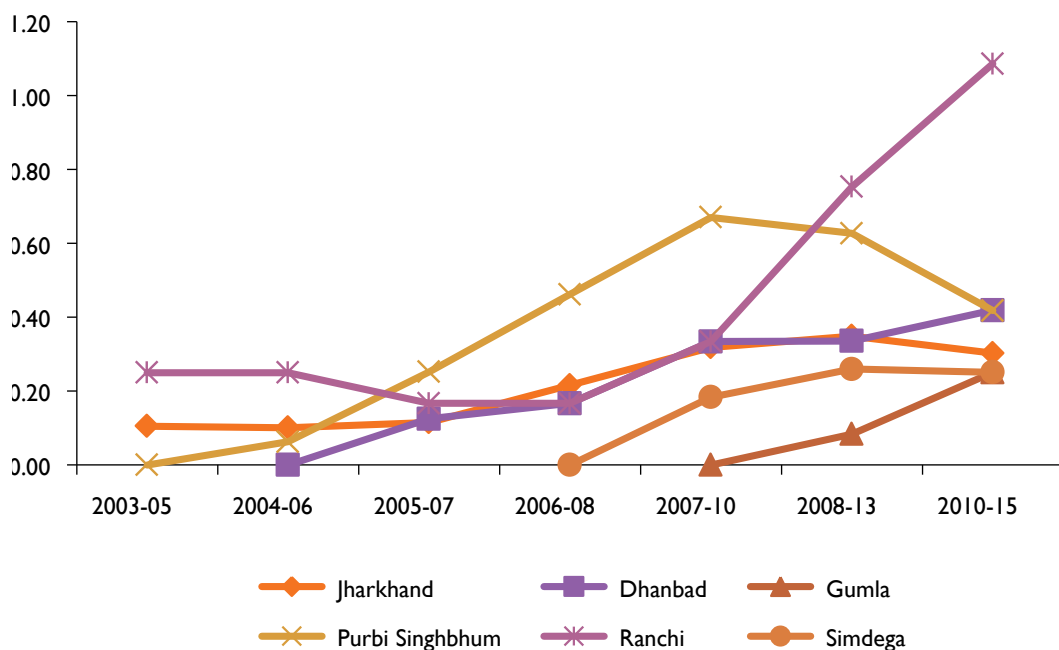
**Jharkhand:** Based on consistent sites from 2002 onwards, rising trends of HIV prevalence were observed

among ANC clinic attendees in Jharkhand. The districts of Dhanbad, Gumla, Purbi Singhbhum, Ranchi and Simdega showed rising trends of HIV prevalence (Figure 48).

**Figure 47: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Jammu & Kashmir**



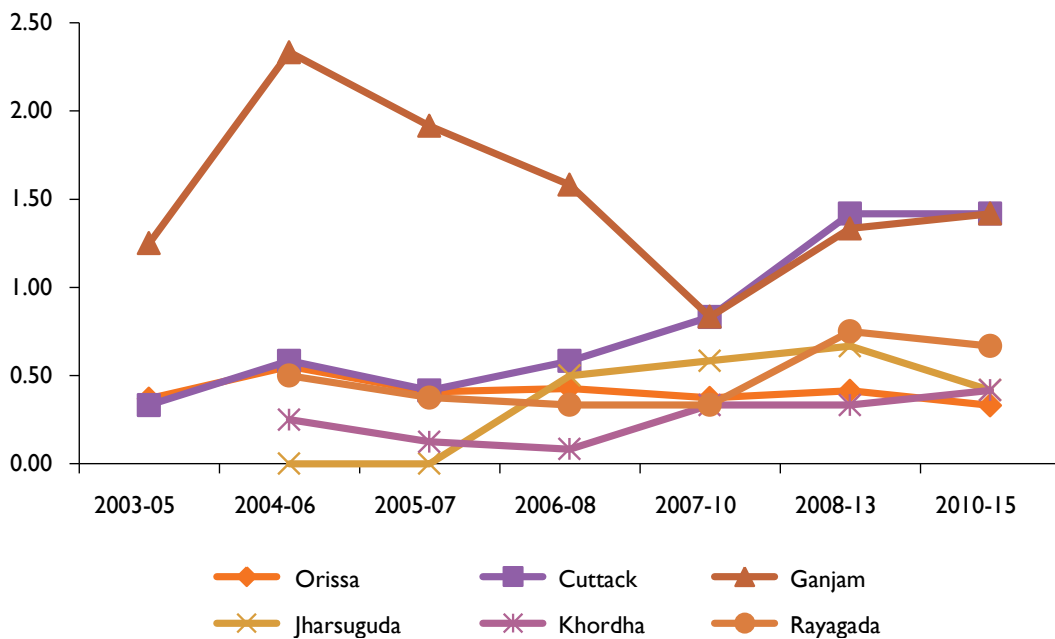
**Figure 48: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Jharkhand**



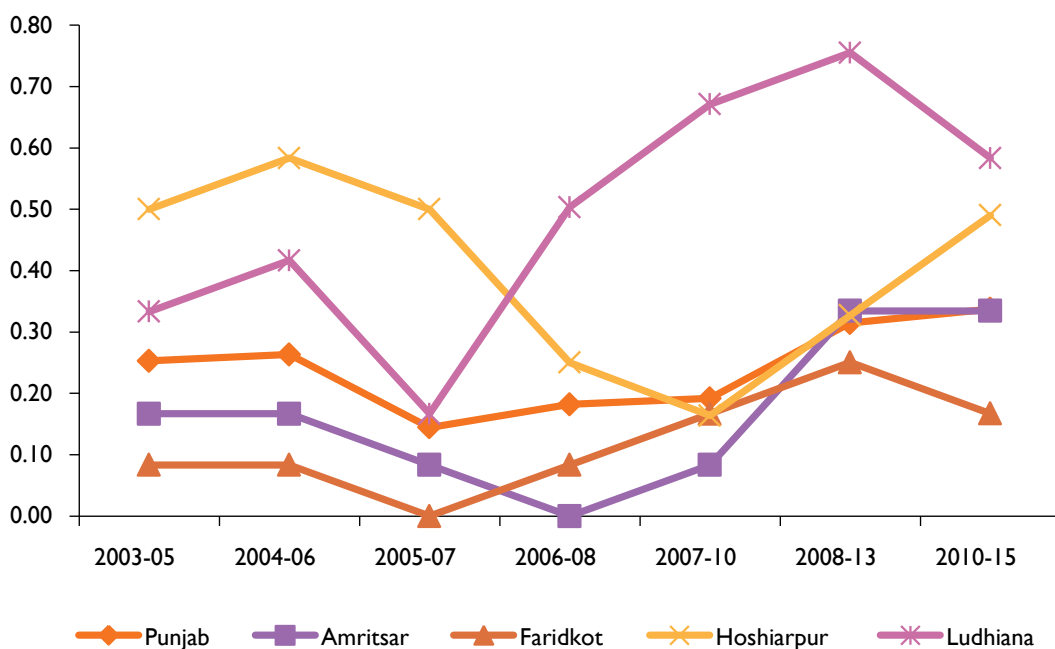
**Odisha:** The long term trend of HIV prevalence among ANC clinic attendees was observed to be declining in Odisha. While some districts showed declining trends, Cuttack, Ganjam, Jharsuguda, Khordha and Ryagada showed rising trends of HIV prevalence (Figure 49).

**Punjab:** The consistent sites from 2002-06 show rising trends of HIV prevalence among ANC clinic attendees. The 10 districts with consistent sites i.e. Amritsar, Faridkot, Hoshiarpur, Ludhiana, Mansa, Muktsar, Nawanshahr, Sangrur and Tarn Taran, showed rising trends from 2005 onwards (Figure 50 & 51).

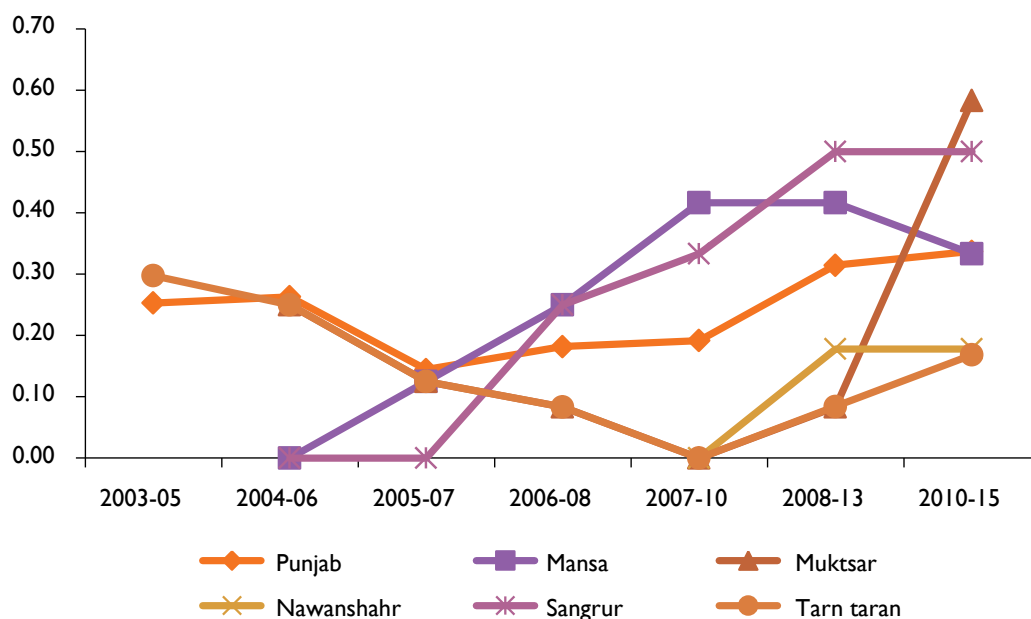
**Figure 49: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Odisha**



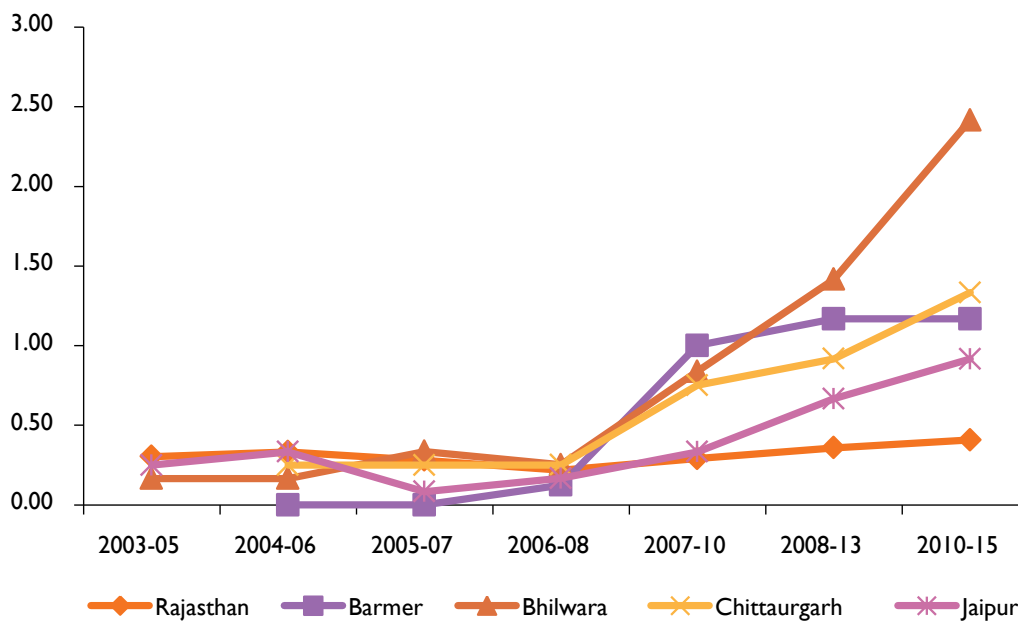
**Figure 50: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Punjab**



**Figure 51: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Punjab**



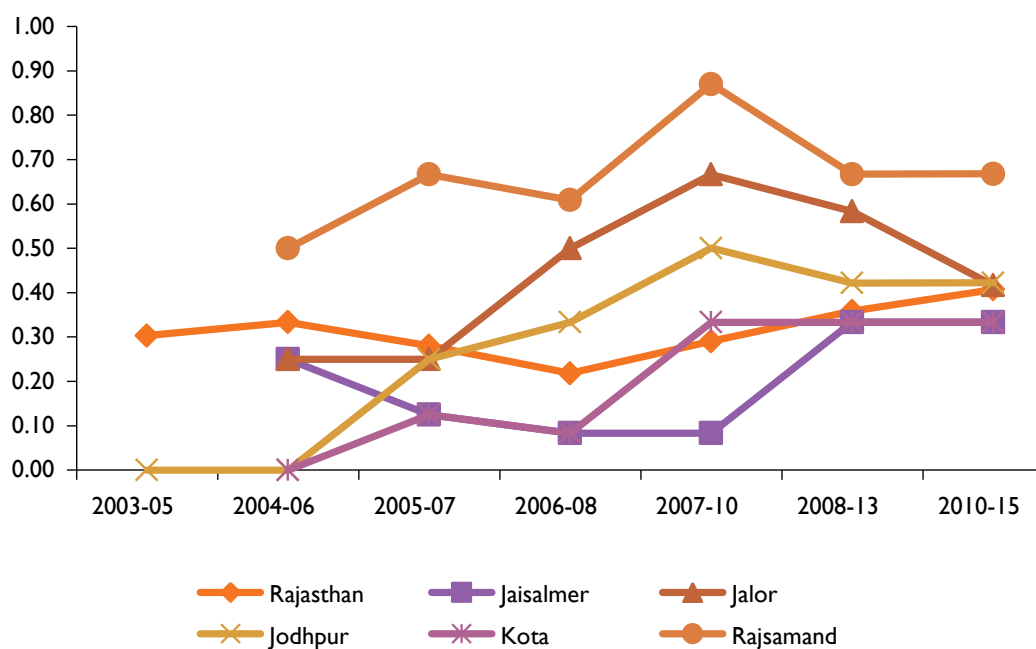
**Figure 52: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Rajasthan**



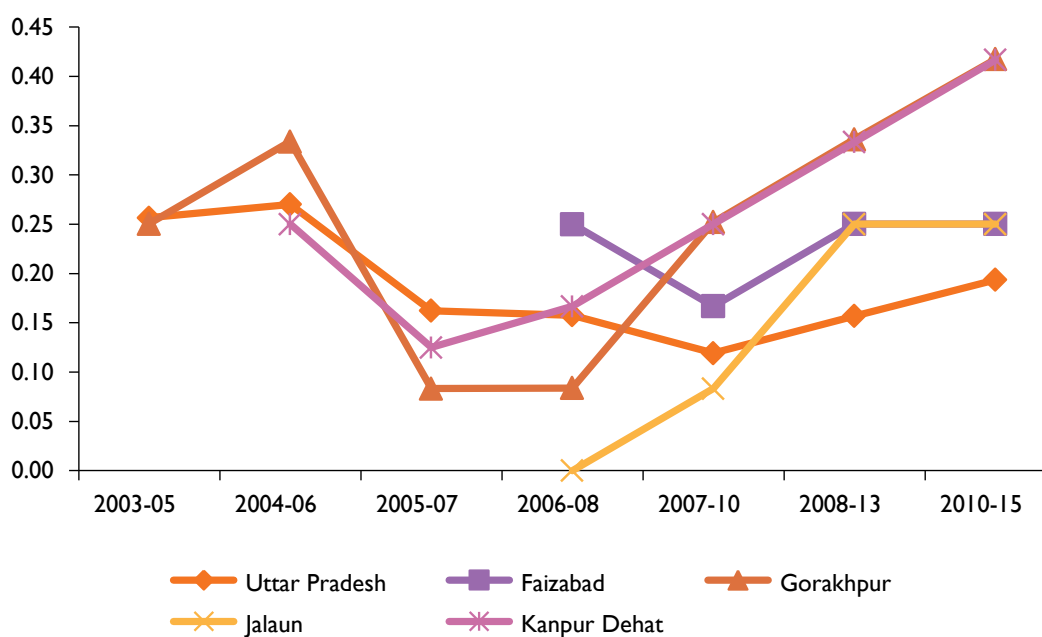
**Rajasthan:** The long term trend of HIV prevalence among ANC clinic attendees appears to be rising in Rajasthan. Some districts showed stable to declining HIV trends. However, districts of Barmer, Bhilwara, Chittaurgarh, Jaipur, Jaisalmer, Jalor, Jodhpur, Kota and Rajsamand showed rising trends of HIV prevalence (Figure 52 & 53).

**Uttar Pradesh:** Uttar Pradesh showed long term declining trends of HIV prevalence among ANC clinic attendees however from 2007 onwards a rising trend is observed. Although declining trends were observed in some districts, rising trends were observed in Faizabad, Gorakhpur, Jalaun, Kanpur Dehat, Baghpat, Ballia, Deoria, Lucknow, Mathura, Mau and Mirzapur (Figure 54, 55 & 56). This rising trend is more prominent from 2006 onwards.

**Figure 53: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Rajasthan**



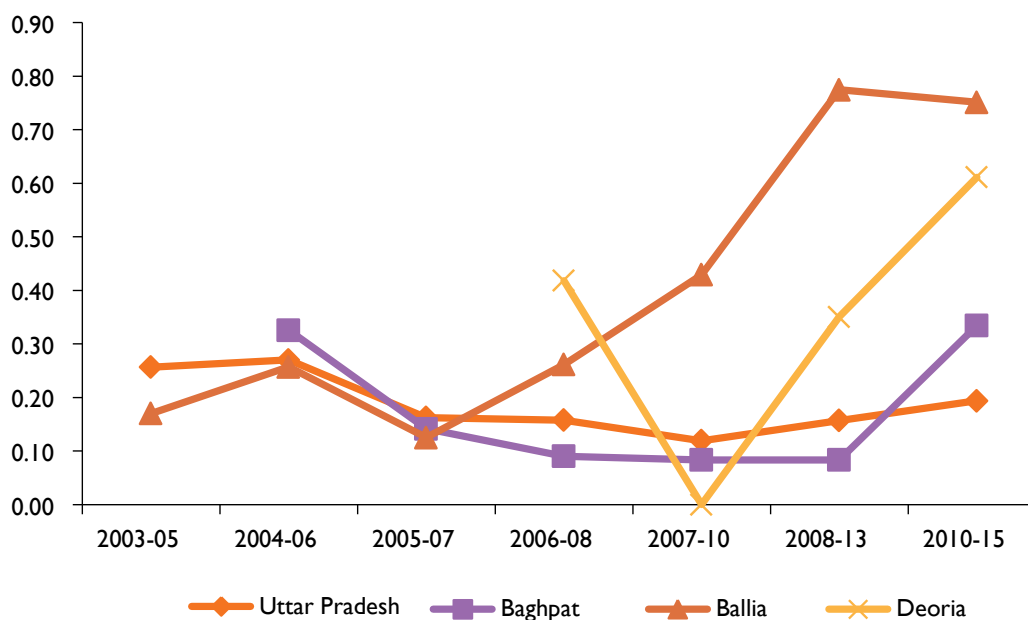
**Figure 54: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttar Pradesh**



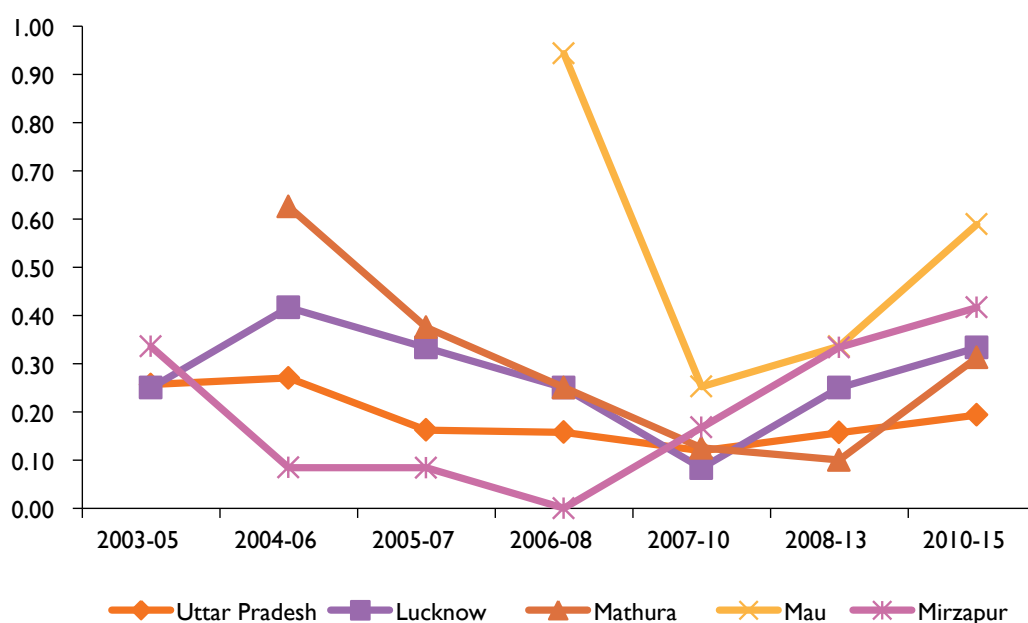
**Uttarakhand:** The long term trend of HIV prevalence among ANC clinic attendees was observed to be rising in

Uttarakhand. Rising trends were observed in the districts of Dehradun, Haridwar and Nanital (Figure 57).

**Figure 55: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttar Pradesh**



**Figure 56: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttar Pradesh**

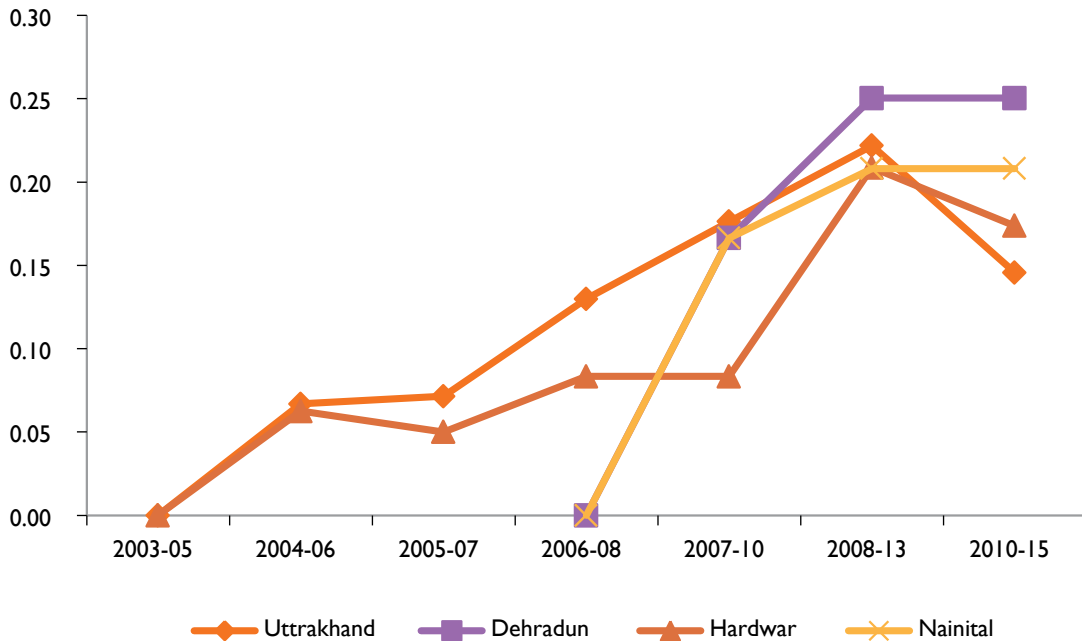


## HIV levels and trends in the districts among the states with declining HIV trends

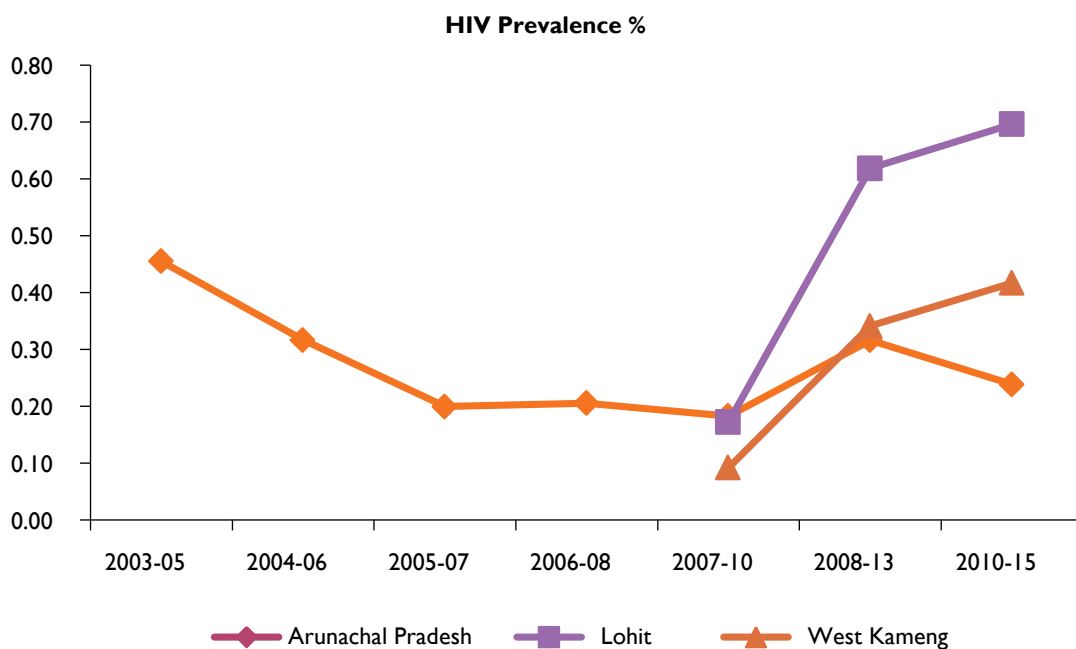
**Arunachal Pradesh:** Arunachal Pradesh also showed

declining to stable trends of HIV prevalence among ANC clinic attendees. Most of its districts showed declining trends. The districts of Lohit and West Kameng showed rising HIV prevalence trend in last few years (Figure 58).

**Figure 57: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Uttarakhand**



**Figure 58: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Arunachal Pradesh**

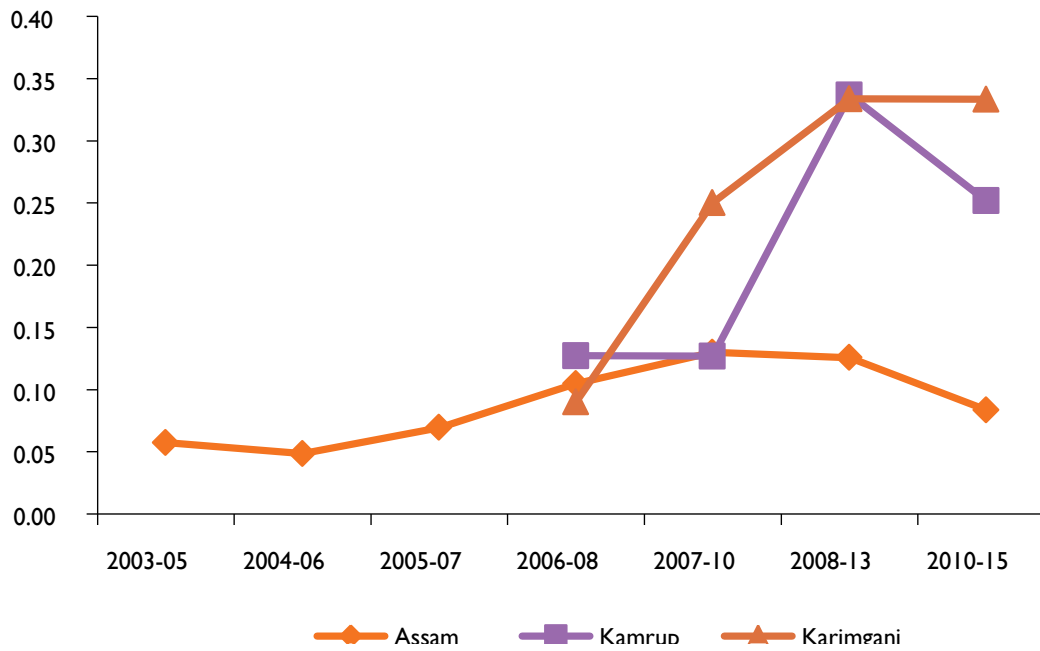




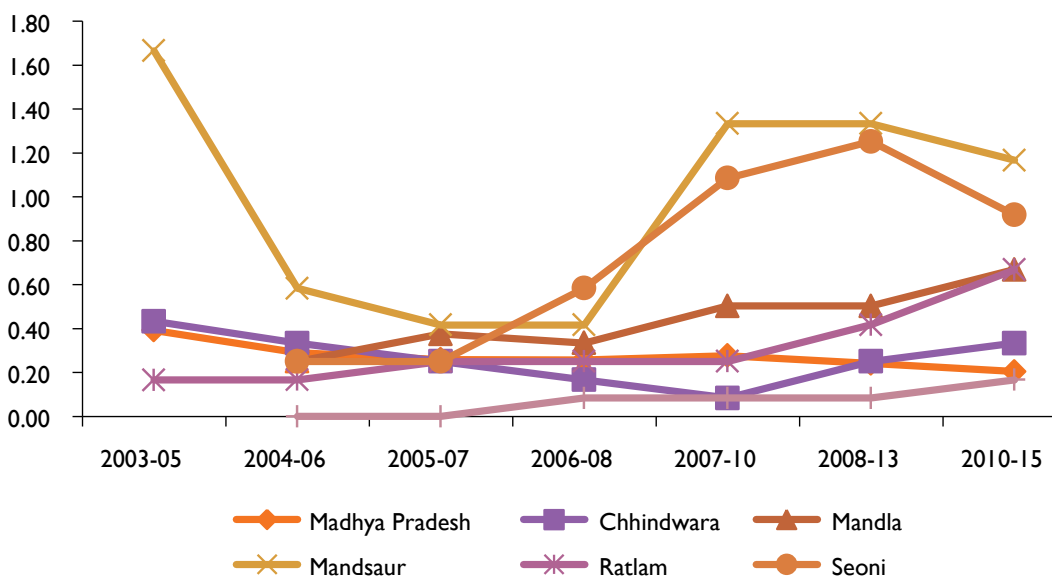
**Assam:** The long term trends of HIV prevalence were observed to be stable in the state of Assam among the ANC clinic attendees. Stable to declining trends were observed in most of the districts. However in Kamrup and Karimganj district rising trends were observed in last few years (Figure 59).

**Madhya Pradesh:** A declining trend of HIV prevalence was observed among ANC clinic attendees in Madhya Pradesh. Many districts showed declining trends of HIV prevalence but the exception to this was the districts of Chhindwara, Mandla, Mandsur, Ratlam, Seoni and Sheopur in which rising trends of HIV prevalence were observed (Figure 60).

**Figure 59: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Assam**

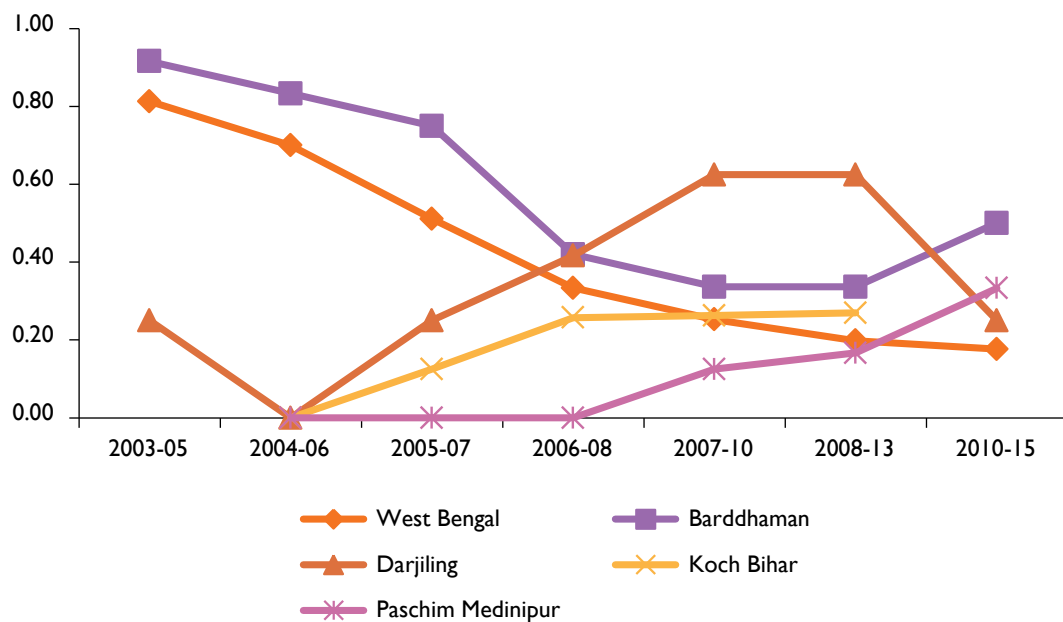


**Figure 60: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, Madhya Pradesh**



**West Bengal:** West Bengal showed declining long term trends of HIV prevalence among ANC clinic attendees. Few districts of rising trends were observed in Barddhaman, Darjiling, Koch bihar and Paschim Medinipur (Figure 61).

**Figure 61: District-wise rising trend of HIV Prevalence (%) among ANC Clinic Attendees, West Bengal**



# SUMMARY

India's HIV epidemic continues to be concentrated in nature and declining among general population. But the trajectory of the epidemic has changed over the past two decades.

During the early 90's the HIV epidemic was more evident in the select north-eastern and southern states of the country. But recently, rising HIV prevalence is also visible among the states of Delhi, Gujarat, Haryana, Punjab, Rajasthan, Uttar Pradesh and other north-eastern states. The HIV epidemic, however, continues to be concentrated among high risk groups and is at a low level of HIV prevalence among the ANC clinic attendees, considered proxy for general population.

The state of Nagaland has recorded HIV prevalence of more than one percent among ANC clinic attendees. Since the 11th round of HSS (2008-09), this is the first time that any state has recorded prevalence greater than one percent. Also, despite showing a long term downward trend, the north-eastern states of Mizoram, Manipur along with Nagaland have shown stable HIV prevalence from 2008 onwards among the consistent sites. Pockets of rising HIV prevalence were observed in erstwhile stable to low prevalence states. This includes states of Delhi, Gujarat, Haryana, Punjab and Rajasthan. The southern states of Maharashtra, Tamil Nadu, Telangana and Karnataka showed long term declining HIV prevalence trends, but also continue to have some districts with rising HIV prevalence.

Detailed differential analysis of the key nine demographic variables was done regarding HIV prevalence, to see the potential risks that were associated with them. Large state-wise differences were observed. Higher HIV prevalence was observed among the age group 15-24 years (considered proxy for new infections) in the States of Manipur, Mizoram and Nagaland. While at National level, higher prevalence was observed among the ANC respondents who were illiterate followed by among those who had studied upto post graduation, state wise variations were observed. In Gujarat, Mizoram and Nagaland higher HIV prevalence was observed

among the more literate respondents. The respondents with higher order of pregnancy were observed to have higher HIV prevalence. While HIV prevalence among respondents from urban areas was higher than the rural residents in most of states; high HIV prevalence in rural areas was observed in States of Gujarat, Madhya Pradesh, Meghalaya, Punjab, Rajasthan, Tamil Nadu and Tripura.

Like the previous rounds, ANC clinic attendees referred from private hospitals showed higher HIV prevalence; however, as the proportion of these referral is low, it does not have any significant impact on the overall prevalence. Respondents working as agricultural and non-agricultural labourers and spouses working as domestic servants, truck drivers/helpers, higher HIV prevalence was observed. ANC clinic attendees whose spouses had migrated to other places for work for greater than 6 months, reported higher HIV prevalence and this was quite high in the states of Bihar and Odisha, which are considered as one of the hub of out-migration to other larger cities in the west and south. Higher prevalence among pregnant women with migrant spouse in north-western States of Manipur and Nagaland is a surprising observation and warrants further triangulation with program data.

The analysis has identified 224 districts where a prevalence of 1 % or more among ANC sites was noticed in at least 3 of the last six rounds of HSS. The epidemic situation in these districts need to be further triangulated and may be prioritized for enhanced responses.

For the first time in the history of surveillance, a detailed analysis of syphilis sero-positivity was done. The Syphilis sero-positivity was observed to be low at national level but high sero-positivity was recorded in Madhya Pradesh. Also, HIV prevalence was observed to be higher among the respondents who were sero-positive for Syphilis.

## Annex I

### State-wise number of HSS sites, 2003-15

State	No of district with any HSS site				No. of districts with ANC HSS Sites				No of districts with HRGs & Bridge population HSS sites			No. of ANC HSS Sites				No of HRGs & Bridge Population HSS sites		
	2003	2006	2010-11	2012-13	2014-15	2003	2006	2010-11	2012-13	2014-15	2003	2006	2010-11	2012-13	2014-15	2003	2006	2010-11
A & N Islands	3	3	3	3	3	3	3	3	3	3	1	1	1	1	4	3	2	1
Andhra Pr.	23	23	24	23	13	23	23	23	13	13	11	12	22	43	38	15	19	31
Arunachal Pr.	5	10	11	8	8	2	5	6	8	8	3	7	7	3	8	3	9	12
Assam	9	23	25	24	25	4	15	19	24	25	5	16	19	7	27	7	23	30
Bihar	11	36	34	27	27	7	23	23	27	27	8	28	25	7	29	10	38	38
Chandigarh	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	7	7
Chhattisgarh	8	16	17	16	19	5	15	16	16	18	3	6	6	8	21	3	10	9
D & N Haveli	1	1	1	1	1	1	1	1	1	1	-	-	-	2	1	0	0	0
Daman & Diu	2	2	2	2	2	2	2	2	2	2	-	-	-	4	2	0	0	0
Delhi	8	9	9	5	5	4	5	5	5	5	6	8	8	4	5	7	16	15
Goa	2	2	2	2	2	2	1	2	2	2	2	2	2	4	3	3	3	4
Gujarat	14	25	26	27	27	10	25	25	27	26	8	11	15	16	28	8	16	28
Haryana	9	19	20	15	16	4	12	12	15	16	5	12	14	7	16	5	18	28
Himachal Pr.	12	12	11	7	6	7	8	7	7	6	5	6	7	14	10	6	10	13
J & K	3	14	13	14	14	3	14	14	14	14	2	6	5	5	16	3	9	9
Jharkhand	8	17	19	19	22	7	12	12	19	22	3	11	14	12	24	3	19	26
Karnataka	28	28	31	30	30	28	28	30	30	30	7	7	24	54	62	10	14	38

State	No of district with any HSS site						No. of districts with ANC HSS Sites						No of districts with HRGs & Bridge population HSS sites			No. of ANC HSS Sites						No of HRGs & Bridge Population HSS sites		
	8	14	16	10	14	4	6	10	10	14	4	14	15	7	6	10	10	14	7	19	23			
Kerala	1	1	-	-	-	1	1	-	-	-	1	1	-	1	2	-	-	1	1	0				
Lakshadweep	23	45	44	47	49	15	36	37	47	49	10	15	15	26	36	37	47	49	10	16	20			
Madhya Pr.	37	37	38	36	37	35	35	37	36	37	11	15	20	70	73	75	75	78	15	29	38			
Maharashtra	9	9	9	9	9	9	9	9	9	9	4	5	9	14	14	14	14	14	7	10	18			
Manipur	2	6	6	7	7	2	6	6	7	7	1	2	2	2	7	7	8	8	3	4	4			
Meghalaya	4	8	8	8	8	3	3	8	8	8	2	8	5	5	4	9	9	9	4	12	9			
Mizoram	8	11	11	11	11	8	11	11	11	11	6	8	8	12	19	19	13	13	7	10	12			
Nagaland	9	30	30	30	30	5	23	30	30	30	7	18	20	5	23	32	32	32	8	22	31			
Odisha	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	2	3	8	8			
Puducherry	8	18	19	13	18	6	11	13	13	18	3	9	12	10	11	13	13	18	4	14	23			
Punjab	12	32	31	33	33	6	25	28	33	33	7	21	17	12	25	28	35	35	8	23	20			
Rajasthan	1	3	3	3	3	1	2	2	3	2	1	2	2	3	3	3	4	4	1	3	4			
Sikkim	30	30	31	33	33	29	30	31	33	32	13	18	27	53	64	68	72	72	15	26	53			
Tamil Nadu	-	-	-	-	10	-	-	-	-	10	-	-	-	-	-	-	-	25	-	-	-			
Telangana	2	4	4	3	6	1	1	1	3	3	2	4	4	1	2	2	4	7	2	8	12			
Tripura	31	69	68	55	55	19	51	54	55	55	17	31	35	30	62	65	65	65	19	37	50			
Uttar Pradesh	7	11	12	12	12	3	7	7	12	12	4	7	9	6	9	9	15	15	4	7	11			
Uttarakhand	13	19	19	18	19	9	12	18	18	20	8	14	16	18	13	22	22	25	15	32	38			
West Bengal	<b>354</b>	<b>590</b>	<b>600</b>	<b>554</b>	<b>577</b>	<b>271</b>	<b>464</b>	<b>505</b>	<b>554</b>	<b>572</b>	<b>173</b>	<b>328</b>	<b>388</b>	<b>476</b>	<b>628</b>	<b>696</b>	<b>750</b>	<b>776</b>	<b>223</b>	<b>494</b>	<b>663</b>			



## SACS's checklist - HSS 2014-15

S.N	Activity	To be completed by	Status	Remarks
<b>1. Background Activity</b>				
1.1	Filling of DD (MES) if position is vacant			
1.2	Intimation to NACO on DD (MES)-Focal person for HSS 2014-15			
<b>2. Finalization of ANC surveillance sites</b>				
2.1	Validation of new sites in consultation with Regional Institutes			
2.2	Submission of composite sites details to NACO			
2.3	Sentinel site evaluation of ANC Sites			
2.4	Release of budget to Sentinel Sites			
<b>3. Procurement</b>				
3.1	Estimation for procurement of consumables			
3.2	Process initiated and Tenders issued			
3.3	Purchase order issued			
3.4	Consumables received at SACS			
3.5	Site-wise packing of consumables			
3.6	Consumables reached sites			
<b>4. Testing lab preparation for HSS ANC sites</b>				
4.1	Submission of contact details of lab personnel to NACO			
4.2	Submission of details of ELISA/RAPID tests done at ANC testing labs to NACO			
4.3	Submission of details of Sentinel Site - Testing Lab linkages to NACO			
4.4	Release of budget to Testing Lab			
4.5	Consumables reached Testing labs			
<b>5. Training of SACS team, SSTs and ANC surveillance site personnel</b>				
5.1	Finalisation of SST members in consultation with RIs			
5.2	Participation of SACS in National Pre-Surveillance Meeting			
5.3	Participation of SACS in Regional Pre-Surveillance Planning Meeting & TOT			
5.4	Preparation of training plan including identification of training site @ 3 days per batch (10-12 sites per batch)			
5.5	Communication to the sentinel sites about training dates and location			
5.6	Preparation of Training Kits (Operational Manual, Technical guideline, Session wise presentation, data forms, Sample Transport sheet, Date Form transport sheet, Site codes, sub site codes, site-Testing lab linkage sheet etc)			
5.7	Training of sentinel sites			

S.N	Activity	To be completed by	Status	Remarks
<b>6. Orientation/ Sensitization meetings at SACS involving NHM officials &amp; district authorities</b>				
6.1	Letter to key officials from NHM at state and district level on HSS and support required			
6.2	Sensitization of state level NHM leadership and officials on HSS and support required during routine state level meeting or as a separate meeting, as appropriate in each state			
6.3	Sensitization of district level NHM/DMHOs/CMOs on HSS and support required during site level training or routine district level meeting			
<b>7. Development of monitoring plan</b>				
7.1	Constitution of state and district level monitoring team			
7.2	Development of integrated monitoring plan to ensure first visit to every sentinel site in first 15 days of start of HSS by SACS/ SST team/RI/Central Team			
<b>8. Printing and Supply of Documents</b>				
8.1	Translation of Bi-lingual Data Forms to Local Language			
8.2	Printing of Bi-lingual Data Forms			
8.3	Bi-lingual Data Forms reached Sentinel Sites			
8.4	Printing of Stickers with Site Details/ Preparation of Stamps with Site Details			
8.5	Stickers/ Stamps with Site Details reached Sentinel Sites			
8.6	Operational Manuals/ Wall Charts supplied by NACO reached Sentinel Sites			
<b>9. Commencement of HSS 2014-15 Implementation</b>				
9.1	Date of Initiation of HSS 2014-15 at ANC sites			



# Pre Surveillance Sentinel Site Evaluation Form, HSS 2014-15

National AIDS Control Organisation Department of AIDS Control, Ministry of Health and Family Welfare Government of India		
<b>HIV Sentinel Surveillance Round 2015 Pre-Surveillance Sentinel Site Evaluation (ANC Sites)</b>		
<b>I. General Information</b>		
1. Type of site: <input type="text"/>	2. Nature of site: <input type="radio"/> Single Site <input type="radio"/> Sub-site/ Part of Composite Site	
3. Name of the Single Site/ Sub-site <input type="text"/>	4. Name of Composite Site <input type="text"/>	5. Name of Site/ Sub-site In-charge <input type="text"/>
6. Address <input type="text"/>	7. Block <input type="text"/>	8. District <input type="text"/> 9. State <input type="text"/>
10. Contact Details	STD Code <input type="text"/>	Number 1 <input type="text"/> Number 2 <input type="text"/> Number 3 <input type="text"/> Fax <input type="text"/> Mobile 1 <input type="text"/> Mobile 2 <input type="text"/> Email <input type="text"/>
11. Type of Facility <input type="radio"/> Medical College Hospital <input type="radio"/> Non-teaching Tertiary/ Speciality Hospital <input type="radio"/> District Hospital <input type="radio"/> Area Hospital <input type="radio"/> CHC/ Rural Hospital/ Block Hospital <input type="radio"/> PHC <input type="radio"/> Nursing Home <input type="radio"/> Clinic/Dispensary <input type="radio"/> Others		
12. Ownership of Facility <input type="text"/>	13. Average OPD Attendance per day <input type="text"/>	14. Sentinel site since Year <input type="text"/>
15. Routine blood tests done at the facility: <input type="checkbox"/> Syphilis (VDRL/RPR) <input type="checkbox"/> Hemoglobin <input type="checkbox"/> Malaria <input type="checkbox"/> Other tests <input type="checkbox"/> None		
16. Services available at the facility: <input type="checkbox"/> PPTCT/ICTC <input type="checkbox"/> ART <input type="checkbox"/> STI		17. No. of days in a week ANC services are provided <input type="text"/>
18. Mode of Transport of samples to Testing Lab <input type="text"/>		19. Duration to reach Testing Lab (in hrs): <input type="text"/>
<b>II. Status of Human Resource</b>		
1. Is the staff in place?	Medical officer/ Site In-charge <input type="radio"/> YES <input type="radio"/> NO	Nurse/ Counselor <input type="radio"/> YES <input type="radio"/> NO
2. Is there a chance of transfer/ leave/ leaving the job in next 6 months?	<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> YES <input type="radio"/> NO
3. Did the staff participate in any previous rounds of surveillance?	<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> YES <input type="radio"/> NO
4. Is the staff trained in Sentinel Surveillance earlier?	<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> YES <input type="radio"/> NO
<b>III. Status of Infrastructure</b>		
1. Refrigerator	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
2. Centrifuge Machine	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
3. Boiler/ Autoclave/ Other Equipment	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
4. Storage Racks/ Shelves	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
5. Sample Transportation Boxes	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
6. Cold-chain Equipment for Sample Transport	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
7. Needle Cutter/ Destroyer	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
8. Bio-medical Waste Disposal Unit (Incinerator/ Waste Pit)	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
9. Average duration of power cut in a day (in hrs): <input type="text"/>		
10. Generator	<input type="radio"/> Available & Functional <input type="radio"/> Available & Non-functional <input type="radio"/> Not Available	
<b>IV. Other Site-Specific Issues</b>		
<i>(Any specific issues or problems at the sentinel site anticipated for the coming round of surveillance may be noted below.)</i>		
<input type="text"/>		
<input type="button" value="SAVE"/>	<input type="button" value="PRINT"/>	<input type="button" value="RESET"/>

## State-wise HIV prevalence among ANC clinic attendees, HSS 2003-2015

State	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2014-15
A & N Islands	0.45	0.00	0.00	0.17	0.25	0.06	0.13	0.00	0.06
Andhra Pradesh	1.45	1.70	1.67	1.41	1.07	1.22	0.76	0.59	0.33
Arunachal Pradesh	0.00	0.20	0.46	0.27	0.00	0.46	0.21	0.26	0.06
Assam	0.00	0.14	0.00	0.04	0.11	0.13	0.09	0.16	0.18
Bihar	0.11	0.22	0.38	0.36	0.34	0.30	0.17	0.33	0.37
Chandigarh	0.22	0.50	0.00	0.25	0.25	0.25	0.00	0.00	0.25
Chhattisgarh	0.76	0.00	0.32	0.31	0.29	0.41	0.43	0.51	0.41
D & N Haveli	0.13	0.00	0.25	0.00	0.50	0.00	0.00	0.00	0.00
Daman & Diu	0.27	0.38	0.13	0.00	0.13	0.38	0.13	0.13	0.25
Delhi	0.13	0.31	0.31	0.10	0.20	0.20	0.30	0.40	0.25
Goa	0.48	1.13	0.00	0.50	0.18	0.68	0.33	0.25	0.08
Gujarat	0.38	0.19	0.38	0.55	0.34	0.44	0.46	0.50	0.56
Haryana	0.27	0.00	0.19	0.17	0.16	0.15	0.19	0.17	0.25
Himachal Pradesh	0.25	0.25	0.22	0.06	0.13	0.51	0.04	0.04	0.00
Jammu & Kashmir	0.00	0.08	0.00	0.04	0.05	0.00	0.06	0.07	0.05
Jharkhand	0.08	0.05	0.14	0.13	0.13	0.38	0.45	0.19	0.18
Karnataka	1.43	1.52	1.49	1.12	0.86	0.89	0.69	0.53	0.36
Kerala	0.09	0.42	0.32	0.21	0.46	0.21	0.13	0.03	0.05
Madhya Pradesh	0.42	0.38	0.27	0.26	0.25	0.26	0.32	0.14	0.13
Maharashtra	1.15	0.97	1.07	0.87	0.76	0.61	0.42	0.40	0.32
Manipur	1.34	1.66	1.30	1.39	1.31	0.54	0.78	0.64	0.60
Meghalaya	0.35	0.00	0.00	0.09	0.00	0.04	0.05	0.26	0.16
Mizoram	1.70	1.50	0.81	0.94	0.85	0.72	0.40	0.68	0.81
Nagaland	1.69	1.85	1.97	1.36	1.10	1.14	0.66	0.88	1.29
Odisha	0.00	0.50	0.60	0.55	0.23	0.73	0.43	0.31	0.24
Puducherry	0.13	0.25	0.25	0.25	0.00	0.25	0.13	0.00	0.13
Punjab	0.13	0.44	0.25	0.20	0.12	0.31	0.26	0.37	0.32
Rajasthan	0.15	0.23	0.50	0.29	0.19	0.19	0.38	0.32	0.32
Sikkim	0.21	0.00	0.25	0.10	0.09	0.00	0.09	0.19	0.13
Tamil Nadu	0.83	0.81	0.54	0.54	0.58	0.35	0.38	0.36	0.27
Telangana	-	-	-	-	-	-	-	-	0.39
Tripura	0.00	0.25	0.00	0.42	0.25	0.00	0.00	0.19	0.19
Uttar Pradesh	0.22	0.44	0.15	0.25	0.08	0.18	0.21	0.20	0.21
Uttarakhand	0.06	0.00	0.00	0.11	0.06	0.22	0.25	0.27	0.12
West Bengal	0.46	0.43	0.89	0.38	0.40	0.17	0.13	0.19	0.11
<b>India</b>	<b>0.80</b>	<b>0.95</b>	<b>0.90</b>	<b>0.60</b>	<b>0.49</b>	<b>0.49</b>	<b>0.40</b>	<b>0.35</b>	<b>0.29</b>

Note:- (1) Based on valid sites (75% of target achieved) (2) No HSS site in Lakshadweep during HSS 2010-11, 2012-13 and 2014-15. (3) All figures in percentage (4) Figures from HSS 2014-15 are provisional.

## State wise HIV prevalence among FSW, HSS 2003-2011

State	2003	2004	2005	2006	2007	2008-09	2010-11
A & N Islands	-	0.50	0.40	-	-	-	-
Andhra Pradesh	20.00	16.97	12.97	7.32	9.74	11.14	6.86
Arunachal Pradesh	-	-	-	0.00	-	0.00	0.28
Assam	0.00	0.00	0.76	0.46	0.44	0.80	0.46
Bihar	4.80	0.20	2.24	1.68	3.40	2.98	2.30
Chandigarh	0.60	0.80	0.67	0.67	0.40	0.82	0.00
Chhattisgarh	-	-	-	1.57	1.43	-	2.73
D & N Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	1.61	4.60	3.15	2.80	3.15	2.17	0.70
Goa	30.15	-	-	-	-	6.40	2.70
Gujarat	-	9.20	8.13	6.40	6.53	3.74	1.62
Haryana	-	-	2.00	1.19	0.91	1.55	0.48
Himachal Pradesh	0.00	0.80	0.00	0.66	0.87	0.55	0.53
Jammu & Kashmir	-	-	-	0.00	-	0.00	0.00
Jharkhand	-	0.00	0.80	0.88	1.09	0.94	0.82
Karnataka	14.40	21.60	18.39	8.64	5.30	14.40	5.10
Kerala	1.94	-	-	0.32	0.87	1.46	0.73
Madhya Pradesh	-	-	1.82	1.07	0.67	-	0.93
Maharashtra	54.29	41.69	23.62	19.57	17.91	10.77	6.89
Manipur	12.80	12.40	10.00	11.60	13.07	10.87	2.80
Meghalaya	-	-	-	-	-	-	-
Mizoram	-	13.69	14.00	10.40	7.20	9.20	-
Nagaland	4.40	4.44	10.80	16.40	8.91	14.06	3.21
Odisha	-	5.18	2.60	1.00	0.80	2.40	2.07
Puducherry	-	1.94	0.28	1.44	1.30	-	1.21
Punjab	0.00	-	-	1.36	0.65	0.97	0.85
Rajasthan	3.92	2.31	3.72	2.55	4.16	3.58	1.28
Sikkim	-	-	-	-	0.00	0.44	0.00
Tamil Nadu	8.80	4.00	5.49	4.62	4.68	6.22	2.69
Tripura	-	-	-	-	-	-	0.21
Uttar Pradesh	6.60	8.00	3.50	1.52	0.78	1.03	0.62
Uttarakhand	-	-	-	-	-	-	0.44
West Bengal	6.47	4.11	6.80	6.12	5.92	4.12	2.04
<b>India</b>	<b>10.33</b>	<b>9.43</b>	<b>8.44</b>	<b>4.90</b>	<b>5.06</b>	<b>4.94</b>	<b>2.67</b>

Note:- (1) Based on valid sites (75% of target achieved) (2) No HSS site in Lakshadweep (3) All figures in percentage

## State wise HIV prevalence among MSM, HSS 2003-2011

State	2003	2004	2005	2006	2007	2008-09	2010-11
A & N Islands	1.25	-	-	-	-	-	-
Andhra Pradesh	13.20	16.00	6.45	10.25	17.04	23.60	10.14
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	-	-	-	0.78	2.78	0.41	1.40
Bihar	1.60	1.60	0.40	0.30	0.00	1.64	4.20
Chandigarh	-	1.36	1.60	4.80	3.60	2.79	0.40
Chhattisgarh	-	-	-	-	-	-	14.98
D & N Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	27.42	6.67	20.40	12.27	11.73	7.87	5.34
Goa	9.09	1.68	4.90	4.80	7.93	6.40	4.53
Gujarat	-	6.80	10.67	11.20	8.40	5.48	3.00
Haryana	-	-	-	0.00	5.39	3.20	3.05
Himachal Pradesh	-	-	-	0.44	0.00	0.40	1.23
Jammu & Kashmir	-	-	-	-	-	-	-
Jharkhand	-	-	-	-	-	2.00	0.40
Karnataka	10.80	10.00	11.61	19.20	17.60	12.52	5.36
Kerala	-	0.89	3.20	0.64	0.96	0.75	0.36
Madhya Pradesh	-	-	-	-	-	-	7.94
Maharashtra	18.80	11.20	10.40	15.60	11.80	11.90	9.91
Manipur	29.20	14.00	15.60	10.40	16.40	17.21	10.53
Meghalaya	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	13.58
Odisha	-	-	-	-	7.37	4.19	3.79
Puducherry	-	5.22	5.60	2.47	2.00	-	1.21
Punjab	-	-	-	4.80	1.22	3.00	2.18
Rajasthan	-	-	-	0.00	-	-	-
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	4.20	6.80	6.20	5.60	6.60	5.24	2.41
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	0.40	4.07	1.56
Uttarakhand	-	-	-	-	-	-	-
West Bengal	-	1.33	0.54	6.60	5.61	4.90	5.09
<b>India</b>	<b>8.47</b>	<b>7.47</b>	<b>8.74</b>	<b>6.41</b>	<b>7.41</b>	<b>7.30</b>	<b>4.43</b>

Note:- (1) Based on valid sites (75% of target achieved) (2) No HSS site in Lakshadweep (3) All figures in percentage

## State wise HIV prevalence among IDU, HSS 2003-2011

State	2003	2004	2005	2006	2007	2008-09	2010-11
A & N Islands	-	-	-	-	-	-	-
Andhra Pradesh	-	-	-	-	3.71	6.90	3.05
Arunachal Pradesh	-	-	-	0.00	0.00	0.23	0.24
Assam	5.56	4.48	7.86	2.86	2.14	3.64	1.46
Bihar	-	-	-	0.20	0.60	5.47	4.54
Chandigarh	-	4.80	9.20	17.60	8.64	13.60	7.20
Chhattisgarh	-	-	-	-	-	-	0.42
D & N Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	14.40	17.60	22.80	10.00	10.10	18.60	18.27
Goa	-	-	-	-	-	-	-
Gujarat	-	-	-	-	-	-	1.60
Haryana	-	-	-	0.00	0.80	2.00	0.80
Himachal Pradesh	-	-	-	-	-	0.65	4.89
Jammu & Kashmir	0.00	0.00	0.00	2.50	-	0.00	0.00
Jharkhand	-	-	-	0.40	-	1.65	2.02
Karnataka	2.80	0.00	-	3.60	2.00	2.00	0.00
Kerala	-	2.58	5.19	9.57	7.85	3.04	4.95
Madhya Pradesh	-	-	-	-	-	-	5.13
Maharashtra	22.89	29.20	12.80	20.40	24.40	20.00	14.17
Manipur	24.47	21.00	24.10	19.80	17.90	28.65	12.89
Meghalaya	0.00	0.00	0.00	3.33	4.17	-	6.44
Mizoram	6.40	6.80	4.80	3.05	7.53	5.28	12.01
Nagaland	8.43	3.22	4.51	2.39	1.91	3.17	2.21
Odisha	-	-	-	10.40	7.33	7.20	7.16
Puducherry	-	-	-	-	-	-	-
Punjab	-	-	-	13.80	13.79	26.36	21.10
Rajasthan	-	-	-	-	-	-	-
Sikkim	-	-	0.48	0.20	0.47	1.45	0.00
Tamil Nadu	63.81	39.92	18.00	24.20	16.80	9.48	-
Tripura	-	-	10.92	0.00	0.00	0.42	0.45
Uttar Pradesh	-	-	-	4.63	1.29	2.46	2.03
Uttarakhand	-	-	-	-	-	-	4.33
West Bengal	2.61	3.83	7.41	4.64	7.76	6.90	2.72
<b>India</b>	<b>13.15</b>	<b>11.16</b>	<b>10.16</b>	<b>6.92</b>	<b>7.23</b>	<b>9.19</b>	<b>7.14</b>

Note:- (1) Based on valid sites (75% of target achieved) (2) No HSS site in Lakshadweep (3) All figures in percentage

## State wise HIV prevalence among Single Male Migrants (SMM), Long Distance Truckers (LDT) and Transgender (TG), HSS 2003-2011

State	SMM					LDT				TG			
	2005	2006	2007	2009	2011	2006	2007	2009	2011	2006	2007	2009	2011
A & N Islands	-	-	-	-	-	-	-	-	-	-	-	-	-
Andhra Pradesh	-	-	-	-	-	-	-	-	3.20	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-	-	-
Chhattisgarh	-	-	-	-	-	-	-	-	-	-	-	-	-
D & N Haveli	0.00	-	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-	-	-	-	-	-
Goa	-	-	-	-	-	-	-	-	-	-	-	-	-
Gujarat	-	-	-	1.80	0.67	-	-	-	3.09	-	-	-	-
Haryana	-	-	-	-	1.33	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	0.00	0.00	0.00	-	0.40	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	-	-	-
Jharkhand	-	-	-	-	-	-	-	-	1.20	-	-	-	-
Karnataka	-	-	-	-	0.00	-	-	-	3.20	-	-	-	-
Kerala	-	-	-	-	0.00	2.40	3.60	0.80	0.00	-	-	-	-
Madhya Pradesh	-	-	-	-	-	-	-	-	2.47	-	-	-	-
Maharashtra	-	2.40	1.60	3.00	1.07	-	-	-	1.61	29.60	42.21	16.40	18.80
Manipur	-	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	0.80	1.22	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-	-	-	-
Odisha	-	1.44	-	3.60	3.20	2.73	-	-	-	-	-	-	-
Puducherry	-	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	1.20	1.07	-	-	-	-	-	-	-
Rajasthan	-	-	-	-	-	-	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	0.80	-	-	-	2.01	-	-	-	3.82
Tripura	-	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-	-	-	-	-	-
Uttarakhand	-	-	-	-	-	-	-	-	-	-	-	-	-
West Bengal	-	-	9.27	2.42	1.61	2.72	2.72	1.75	3.71	-	-	-	-
<b>India</b>	<b>0.00</b>	<b>1.60</b>	<b>3.61</b>	<b>2.17</b>	<b>0.99</b>	<b>2.37</b>	<b>2.87</b>	<b>1.57</b>	<b>2.59</b>	<b>29.60</b>	<b>42.21</b>	<b>16.40</b>	<b>8.82</b>

Note:- (1) Based on valid sites (75% of target achieved) (2) No HSS site in Lakshadweep (3) All figures in percentage

## List of ANC Sentinel Sites with HIV Prevalence of 1 percent or more among Antenatal Clinic Attendees, HSS 2014-15

S.No.	District_name	Site Name	HIV Prevalence (%)
<b>Andhra Pradesh</b>			
1	Cuddapah	Cuddapah_Distt. Hospital	1.00
2	Visakhapatnam	Ankapalli_Distt. Hospital	1.00
3	Prakasam	Area Hospital, Chirala	1.00
<b>Assam</b>			
4	Cachar	Silchar Medical College and Hospital-New10	1.25
5	Sonitpur	Kanaklata Civil Hospital, Tezpur (New12)	1.25
<b>Bihar</b>			
6	Bhagalpur	Bhagalpur_Jawhar Lal Nehru Med. College Hospital	1.00
7	Darbhanga	Laheriasarai_Darbhanga Medical College Hospital	1.25
8	Patna	Patna_Patna Medical College Hospital	1.00
9	Sheohar	Sheohar_Sadar Hospital	1.00
<b>Chhattisgarh</b>			
10	Bilaspur	CIMS (New 08)	2.50
11	Jangir-Champa	District Hospital, Jangir	1.00
12	Raigarh	Raigarh_District Hospital	1.01
<b>Delhi</b>			
13	North East	GTB Hospital	1.00
<b>Gujarat</b>			
14	Kachchh	District Hospital, Bhuj	1.00
15	Kheda	Civil Hospital, Nadiad	2.25
16	Mehsana	District Hospital, Mahesana	1.50
17	Navsari	General Hospital	1.00
18	Sabar Kantha	District Hospital, Himmatnagar	1.00
19	Surendranagar	C. J. General Hospital, Surendranagar	1.33
20	Tapi	Gen Hosp Vyara (New12)	1.00
<b>Haryana</b>			
21	Jind	Jind_General Hospital	1.25
<b>Jharkhand</b>			
22	Ranchi	Ranchi_Rajendra Institute of Medical Sciences	1.25
<b>Karnataka</b>			
23	Bagalkot	Bagalkot_District Hospital	1.00
24	Bangalore	Bangalore_Vani Vilas Hospital	1.51
25	Chamarajnagar	Chamarajnagar_District Hospital	1.25
26	Chikballapur	DH / GH Chikkaballapura	2.75
27	Davangere	G.H. Channagiri	1.00
<b>Madhya Pradesh</b>			
28	Sehore	DH SEHORE	1.25
<b>Maharashtra</b>			
29	Akola	Akola_Women Hospital	1.00
30	Buldana	Buldhana_Civil Hospital	1.00
31	Dhule	Dhule_Govt. Medical College	1.25

S.No.	District_name	Site Name	HIV Prevalence (%)
32	Nanded	Nanded_Govt. Medical College	1.25
33	Wardha	Wardha_Civil Hospital	1.00
34	Washim	Washim_Civil Hospital	1.00
35	Mumbai	Cama Hospital	1.00
36	Mumbai (Suburban) *	Govandi_Shatabdi Hospital	1.50
<b>Manipur</b>			
37	Chandel	Moreh_CHC Hospital	1.75
38	Thoubal	Thoubal_District Hospital	2.27
39	Ukhrul	Ukhrul_District Hospital	1.39
<b>Meghalaya</b>			
40	Jaintia Hills	Jowai Civil Hospital (New I 2)	1.01
<b>Mizoram</b>			
41	Aizawl	Aizawl_MCH Clinic, Civil Hospital	2.00
42	Champhai	Champhai_Civil Hospital	1.84
43	Mamit	Mamit Civil Hospital (New 07)	1.25
<b>Nagaland</b>			
44	Dimapur	Dimapur_Civil Hospital	3.01
45	Kiphrie	CivilHospital,Kiphrie	2.56
46	Kohima	Kohima_Naga Hospital	1.63
47	Peren	CivilHospital, Peren	1.54
48	Phek	Phek_Civil Hospital	2.27
49	Tuensang	Tuensang_Civil Hospital	1.82
50	Wokha	Wokha_Civil Hospital	1.04
<b>Odisha</b>			
51	Balasure	Dept of O&G, DHH Balasure (New 07)	1.00
52	Cuttack	Cuttack_SCB Medical College	1.00
53	Ganjam	Berhampur_City Hospital	1.50
<b>Punjab</b>			
54	Muktsar	CH Muktsar	1.50
<b>Rajasthan</b>			
55	Bhilwara	Bhilwara_District MG Hospital	3.00
56	Chittaurgarh	General Hospital	1.50
57	Dungarpur	Dungarpur_District Hospital	1.25
58	Jaipur	Jaipur_Zanana Hospital	1.00
<b>Tamil Nadu</b>			
59	Dharmapuri	Govt. Distt. Hq Hospital	1.75
60	Madurai	Govt. Madurai Medical College Rajaji Hospital	1.00
61	Namakkal	Government Dist. HQ Hospital	1.00
62	Salem	Govt. Mohan Kumarmangalam Med. College Hospital	1.00
63	Tirunelveli	Govt. Medical College Hospital	1.00
64	Villupuram	Dist. Hospital, Kallakurichi	1.00
<b>Telangana</b>			
65	Hyderabad	Hyderabad_Gandhi Medical College	1.25
66	Warangal	GMH, Hanumakonda	1.00
67	Warangal	Area Hospital, Jangaon	1.00
<b>Uttar Pradesh</b>			
68	Ambedkar Nagar	District Mehila Hospital	1.00
69	Mau	District Mehila Hospital	1.26
<b>Uttarakhand</b>			
70	Uttarkashi	District Hospital, Uttarkashi (New I 2)	1.25



## HIV Prevalence (%) at ANC Sentinel Sites, 2003-2015 by state

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
<b>A &amp; N Islands</b>											
1	Nicobars	Car Nicobar BJR Hospital	0.75	0.00	0.00	0.00	0.25	0.25	0.26	0.00	0
2	South Andaman	Port Blair GB Pant Hospital	0.50	0.00	0.00	0.50	0.50	0.00	0.25	0.00	0.25
3	South Andaman	PHC Garacharma, Port Blair (New 08)						0.00	0.00	0.00	0
4	North & Middle Andaman	Rangat CHC Hospital	0.50		0	0.00	0.00	0.00	0.00	0.00	0
5	South Andaman	Diglipur, Port Blair	0								
<b>Andhra Pradesh</b>											
6	Anantapur	Ananthapur Medical College	1.25	1.75	1.75	2.25	1.75	1.50	1.25	0.25	0.75
7	Anantapur	Rural Development Trust -(RDT) PPP FI ICTC, Kalyandurg (ANC-Pvt)-New 10							0.50	0.00	
8	Chittoor	Chittoor District HQ. Hospital	0.00	1.25	1.25	0.25	1.00	1.50	0.50	1.25	0.50
9	Chittoor	Desai Hospital, Madanapally (ANC-Pvt)-New 10							0.50	0.31	0.00
10	Cuddapah	Cuddapah District Hospital	2.50	2.75	0.75	1.50	1.25	2.00	4.00	1.50	1.00
11	East Godavari	Kakinada Rangaraya Medical College	2.50	3.00	2.75	1.25	2.00	2.50	0.50	1.00	0.75
12	Guntur	Guntur Guntur Medical College	3.75	3.50	3.00	2.25	1.75	3.75	2.00	1.75	0.75
13	Krishna	Machilipatnam District Hospital	1.75	2.25	2.00	1.75	2.25	1.25	1.25	0.25	0.00
14	Krishna	St.Anns Hospital/ American Hospital (New 07)					0.00	0.25	0.25	0.00	0.25
15	Kurnool	Kurnool Kurnool Medical College	0.50	0.75	1.50	0.75	1.00	1.50	1.00	0.50	0.50
16	Nellore	Nellore GMH Hospital	2.50	2.75	1.50	2.00	2.25	0.50	0.25	0.75	0.50
17	Prakasam	Ongole Maternal & child Health Hospital	3.00	4.00	2.50	3.02	1.75	1.50	0.25	1.75	0.25
18	Srikakulam	Srikakulam District Hospital	1.00	4.00	1.50	1.75	0.25	0.75	0.75	0.75	0.50
19	Visakhapatnam	Ankapalli District Hospital	1.00	1.50	2.50	0.50	0.25	1.00	1.75	0.75	1.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
20	Visakhapatnam	Apurva Hospital, Seetaampeta (New 07)					0.39	0.25	0.00	0.50	0.00
21	Vizianagaram	Vizianagaram District Hospital	1.25	1.75	1.25	1.25	1.00	1.25	0.50	0.25	0.25
22	West Godavari	Eluru District Hospital	2.00	2.75	3.25	3.08	2.01	1.75	1.00	0.50	0.75
23	Anantapur	Area Hospital, Guntakal	0.75	1.25	1.00	0.50	0.25	0.25	0.75	0.25	0.00
24	Anantapur	CHC – Madakasira (ANC-PHC/CHC)-New I0							0.00	0.25	0.00
25	Chittoor	Area Hospital, Srikalahasti	1.50	2.00	2.00	0.50	0.25	1.75	0.50	0.00	0.00
26	Cuddapah	Area Hospital, Rajampeta	1.25	1.25	0.50	1.75	0.50	2.50	0.50	0.00	0.25
27	East Godavari	Area Hospital, Ramachandrapuram	3.75	1.75	2.25	2.25	1.75	0.50	2.00	0.50	0.00
28	Guntur	Area Hospital, Narsorapet	2.76	1.50	2.50	1.25	2.25	2.50	0.75	0.75	0.25
29	Guntur	PHC, Pedanandipadu					1.52	1.25	0.50	0.00	0.25
30	Krishna	Area Hospital, Nuzividu	1.00	1.50	1.50	1.27	3.50	0.50	1.51	0.75	0.00
31	Kurnool	Women & Child Hospital, Adoni	0.25	0.25	0.00	1.00	0.00	1.00	0.00	0.25	0.00
32	Kurnool	CHC Allgada (ANC-PHC/CHC)-New I0							0.75	1.01	0.00
33	Nellore	Area Hospital, Kavali	0.50	2.25	0.75	1.50	0.75	1.50	0.25	0.25	0.25
34	Nellore	CHC Sullurpeta (ANC-PHC/CHC)-New I0							0.50	0.50	0.00
35	Prakasam	Area Hospital, Chirala	2.50	1.75	3.25	2.25	1.25	1.00	0.25	0.75	1.00
36	Prakasam	PHC, Santhanuthalapadu					1.00	0.75	0.25	1.50	0.27
37	Srikakulam	CHC, Tekkali	0.75	1.00	0.25	1.02	0.25	0.00	0.50	0.50	0.50
38	Visakhapatnam	CHC, Aganampudi	2.25	0.75	0.50	0.25	0.50	0.50	0.75	1.01	0.00
39	Visakhapatnam	CHC Paderu (ANC-PHC/CHC)-New I0							0.00	0.25	0.75
40	Vizianagaram	Area Hospital, Parvathipuram	1.00	0.50	2.00	0.50	0.25	0.50	0.00	0.25	0.00
41	Vizianagaram	CHC Bhogapuram (ANC-PHC/CHC)-New I0							0.50	0.50	0.25
42	West Godavari	CHC, Bhimavaram	2.53	2.00	3.00	1.76	1.25	3.75	1.00	1.00	0.25
43	West Godavari	PHC, Ganapavaram					2.25	0.75	0.27	0.00	0.50
44	East Godavari	PHC - Addatheegala (New I2)								1.15	0.29

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
<b>Arunachal Pradesh</b>											
45	Dibang Valley	D.H. Roing, Lower Dibang Valley (New)				0.00	0.00	0.56	0.00	0.00	0.00
46	Lohit	Tezu District Hospital		0.34	0.87	1.27	0.00	0.00	0.50	1.43	0.25
47	Lower Subansiri	District Hospital Ziro				0.00	0.00	2.90	0.00	0.00	0.00
48	Papum Pare	R.K. Mission Hospital, Itanagar				0.00	0.00	0.75	0.25	0.00	0.00
49	Upper Siang	District Hopital Yingkiong (New 07)					0.00	0.63	0.00	0.00	0.00
50	West Kameng	Bomdila District Hospital	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.75	0.25
51	Lohit	Tezu District Hospital	0.00								
52	West Kameng	Bomdila	0.00								
53	East Siang	General Hospital, Pasighat (New 12)								0.00	0.00
54	West Siang	District Hospital, Aalo (New 12)								0.00	0.00
<b>Assam</b>											
55	Bongaigaon	Bongaigaon Civil Hospital	0.00	0.00	0.00	0.00	0.00	0.25	0.50	0.00	0.00
56	Cachar	Silchar Medical College and Hospital-New 10							0.00	0.50	1.25
57	Darrang	Mangaldoi Civil Hospital				0.00	0.00	0.00	0.00	0.00	0.00
58	Dhemaji	Demaji Civil Hospital				0.00	0.00	0.00	0.00	0.00	0.00
59	Dibrugarh	Assam Medical College and Hospital-New 10							0.00	0.25	0.00
60	Goalpara	Goalpara Civil Hospital				0.00	0.00	0.00	0.00	0.00	0.00
61	Golaghat	Golaghat Civil Hospital-New 10							0.00	0.00	0.00
62	Hailakandi	Hailakandi Civil Hospital				0.36	0.00	0.00	0.00	0.50	0.00
63	Jorhat	Jorhat Civil Hospital	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.25	0.00
64	Kamrup	Mahendra Mohan Chaudhary Civil Hospital				0.00	0.00	0.25	0.00	0.75	0.00
65	Kamrup	Rangia FRU-New 10							0.00	0.00	0.25
66	Karbi Anglong	Diphu Civil Hospital				0.00	0.34	0.00	0.00	0.50	0.50
67	Karimganj	Karimganj Civil Hospital				0.00	0.00	0.25	0.50	0.25	0.25
68	Lakhimpur	Lakhimpur Civil Hospital	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
69	Marigaon	Morigan Civil Hospital				0.00	0.26	0.25	0.00	0.00	0.00
70	Nagaon	Nagaon Civil Hospital	0.00	0.62	0.00	0.25	0.00	0.00	0.25	0.00	0.00
71	Nalbari	Nalbari Civil Hospital				0.00	0.00	0.00	0.25	0.00	0.00
72	Sibsagar	Sibsagar Civil Hospital				0.00	0.25	0.00	0.00	0.00	0.00
73	Tinsukia	Tinsukia Civil Hospital				0.00	0.00	0.25	0.25	0.50	0.75
74	Udalguri	Udalguri CHC (New 07)					0.00	0.00	0.00	0.00	0.00
75	Jorhat	CHC, Teok, Jorhat	0.00								
76	Lakhimpur	CHC, Naobcicha, North Lakhimpur	0.00								
77	Nagaon	CHC, Dhing, Nagaon	0.00								
78	Barpeta	Barpeta Medical College (New 12)								0.00	0.25
79	Dhubri	Dhubri Civil Hospital (New 12)								0.00	0.00
80	Kokrajhar	R.N.B Civil Hospital, Kokrajhar (New 12)								0.00	0.00
81	North Cachar Hills	Haflong Civil Hospital, Haflong (New 12)								0.50	0.25
82	Sonitpur	Kanaklata Civil Hospital, Tezpur (New 12)								0.00	1.25
83	<b>Baska</b>	Tamulpur CHC (New 15)									0.00
84	Kamrup	Prateeksha Hospital (New 15)									0.00
<b>Bihar</b>											
85	Araria	Araria Sadar Hospital	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.25
86	Aurangabad	Aurangabad Sadar Hospital				0.50	0.00	0.00	0.00	0.00	0.25
87	Banka	Banka Sadar Hospital				0.75	1.23	0.25	0.00	0.00	0.00
88	Begusarai	Begusarai Sadar Hospital	0.25	0.50		0.50	0.50	0.00	0.00	0.00	0.50
89	Bhagalpur	Bhagalpur Jawhar Lal Nehru Medical College Hospital	0.00	0.25	0.50	0.25	0.00	0.00	0.50		1.00
90	Darbhanga	Laheriasarai Darbhanga Medical College Hospital				0.25	0.25	1.00	0.50	0.25	1.25
91	Khagaria	Khagaria Sadar Hospital				0.00	0.25	0.00	0.00	0.25	0.50

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
92	Kishanganj	Mata Gujri Memorial Medical College Hospital				0.00	0.00	1.25	0.00	0.50	0.25
93	Lakhisarai	Lakhisarai Sadar Hospital				1.00	0.50	0.33	0.00	1.25	0.75
94	Madhepura	Madhepura Sadar Hospital				0.58	0.00	0.00	0.00	0.00	0.25
95	Madhubani	Madhubani Sadar Hospital				0.00	0.00	0.50	0.50	0.50	0.50
96	Muzaffarpur	Muzaffarpur Sri Krishna Medical College Hospital	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.75	0.25
97	Nalanda	Biharsharif Sadar Hospital				0.25	0.25	0.00	0.75	0.50	0.25
98	Nawada	Nawada Sadar Hospital				0.25	0.50	0.75	0.00	0.00	0.00
99	Pashchim Champaran	Betiah MJK Hospital				0.00	0.00	0.00	0.00	0.75	0.00
100	Patna	Patna Patna Medical College Hospital	0.50	0.75	0.00	0.75	1.00	1.00	0.50	1.25	1.00
101	Purba Champaran	Raxaul Duncan Hospital	0.00	0.00	0.00	0.50	0.25	0.50	0.53	0.50	0.00
102	Rohtas	Sasaran Sadar Hospital	0.00	0.00	0.00	0.50	0.50	0.00	0.50	0.00	0.00
103	Saharsa	Saharsa Sadar Hospital				1.14	0.00	0.25	0.00	0.00	0.25
104	Samastipur	Samastipur Sadar Hospital				0.75	0.50	0.00	0.00	0.00	0.25
105	Sheohar	Sheohar Sadar Hospital				0.00	0.00	0.25	0.00	0.25	1.00
106	Sitamarhi	Sitamarhi Sadar Hospital				0.50	1.25	0.75	0.00	1.25	0.25
107	Vaishali	Hajipur Sadar Hospital				0.50	0.75	0.00	0.25	0.25	0.50
108	Gaya	Sadar Hospital, Gaya (New I2)								0.00	0.25
109	Purnia	Sadar Hospital, Purnia (New I2)								0.25	0.00
110	Saran	Sadar Hospital, Saran (New I2)								0.00	0.25
111	Siwan	Sadar Hospital, Siwan (New I2)								0.50	0.50
112	Muzaffarpur	Kurhani PHC (New I2)									0.00
113	Patna	Bakhtiyarpur PHC (New I2)								0.00	0.54
<b>Chandigarh</b>											
114	Chandigarh	Sector-16 General Hospital	0.50	0.50	0.00	0.25	0.25	0.25	0.00	0.00	0.25
115	Chandigarh	CHC, PGIMER, Chandigarh	0.00								

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PPI2	PPI5
116	Chandigarh	CHC-II, PGIMER, Chandigarh	0.00								
<b>Chhattisgarh</b>											
117	Baster	Jagdapur District Hospital	1.26	0.00	0.00	0.32	0.25	1.00	0.00	0.76	0.00
118	Bilaspur	Bilaspur District Hospital	0.00	0.00	0.25	0.00	0.50	0.00	0.25	0.00	0.00
119	Bilaspur	SEC Railway Hospital, Bilaspur				0.25	0.00				
120	Bilaspur	CIMS (New 08)				0.00	0.50	0.00	1.25	2.25	2.50
121	Dantewada	CHC Geedam				0.00					
122	Dantewada	Dantewada District Hospital	0.40		0.75	0.75	0.25	0.75	0.00	0.25	0.00
123	Dhamtari	District Hospital, Dhamteri				0.00	0.00	0.25	0.00	0.00	0.00
124	Durg	Bhilai Steel Plant				1.15		0.00	0.25		
125	Jangir-Champa	District Hospital, Jangir				0.00	1.00	0.25	0.75	0.25	1.00
126	Jashpur	District Hospital, Jashpur				0.00	0.00	0.00	0.00	0.00	0.00
127	Kanker	District Hospital, Kanker				0.25	0.75	0.25	0.00	0.50	0.00
128	Kawardha	District Hospital, Kawardha				0.00	0.00	0.25	0.50	1.01	0.75
129	Korba	SECL, Gevra				0.00	0.00				
130	Korba	District Hospital, Korba (NEW08)						0.25	1.25	0.50	0.00
131	Koriya	Korea, District Hospital				0.55	0.00	1.26	0.50	0.00	0.25
132	Mahasamund	District Hospital, Mahasamund				0.75	0.00	0.25	0.25	0.50	0.00
133	Raigarh	Raigarh District Hospital	2.25	0.00	0.28	0.50	0.00	1.26	1.51	0.00	1.01
134	Raigarh	Kharsia				0.00	0.25	0.00	0.00	0.00	0.00
135	Raipur	District Hospital, Raipur				0.00	0.50	1.25	0.25	0.25	0.25
136	Rajnandgaon	Rajnandgaon District Hospital	0.75	0.00	0.25	0.75	0.25	0.26	0.75	1.00	0.50
137	Sarguja	District Hospital, Surguja (New 08)						0.00	0.00	0.75	0.75
138	Bilaspur	CHC, Bilaspur, Mungeli	1.25								
139	Raigarh	CHC, Raigarh, Kharshia	0.00								
140	Rajnandgaon	CHC, Rajnangaon, Khairagarh	0.00								
141	Durg	D.H. Durg (New 12)								1.25	0.75
142	Balod	DH Balod (New 15)									0.55
143	Baloda Bazar	DH Baloda Bazar (New 15)									0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
144	Mungeli	DH Mungeli (New 15)									
<b>D &amp; N Haveli</b>											
145	Dadra & Nagar Haveli	V. B. Civil Hospital	0.25	0.00	0.25	0.00	0.50	0.00	0.00	0.00	0.00
146	Dadra & Nagar Haveli	Khanvel	0.00								
<b>Daman &amp; Diu</b>											
147	Daman	Civil Hospital, Daman	0.25	0.50	0.25	0.00	0.25	0.00	0.25	0.25	0.25
148	Diu	Civil Hospital, Diu	0.46	0.25	0.00	0.00	0.00	0.75	0.00	0.00	0.25
149	Daman	Kachigam	0.41								
150	Diu	Vanakbar	0.00								
<b>Delhi</b>											
151	New Delhi	LHMC				0.00	0.25	0.25	0.00	0.75	0.00
152	North	Delhi Kasturba Hospital	0.25	0.50	0.25	0.00	0.25	0.50	0.75	0.25	0.00
153	North East	GTB Hospital	0.00	0.00	0.25	0.00	0.00	0.25	0.50	0.25	1.00
154	North West	New Delhi Sanjay Gandhi Memorial Hospital, Mongolp	0.25	0.25	0.75	0.25	0.50	0.00	0.00	0.00	0.00
155	South	Safdarjung Hospital	0.00	0.50	0.00	0.25	0.00	0.00	0.25	0.75	0.25
<b>Goa</b>											
156	North Goa	Mapusa_Asilo Hospital	0.25	1.00	0.00	0.75	0.25	0.25	0.25	0.25	0.00
157	North Goa	Ponda Community Health Centre	0.75	1.25	0.00	0.25	0.00	0.51	0.25	0.25	0.00
158	South Goa	Hospicio Hospital, Margao (New 08)						1.29	0.50	0.25	0.25
159	North Goa	Valpoi/P	0.00								
160	South Goa	Churchore	1.12								
<b>Gujarat</b>											
161	Ahmedabad	VS Hospital, Ahmedabad	0.75	0.25	0.00	0.00	0.00	0.25	0.50	0.25	0.50
162	Amreli	Civil Hospital, Amreli				0.00	1.00	0.52	1.01	0.25	0.25
163	Anand	Civil Hospital, Petlad				0.25	0.25	0.25	0.00	0.00	0.75
164	Banas Kantha	Gandhi Lincon Hospital Deesa				1.00	0.00	0.00	0.25	0.50	0.84
165	Bharuch	Civil Hospital				0.75	0.00	0.00	0.25	0.75	0.50
166	Bhavnagar	Sir T Hospital				0.75	0.00	0.00	0.50	0.50	0.50
167	Dangs	Civil Hospital, Ahwa				0.00	0.00	0.27	0.28	0.25	0.00
168	Dohad	Government Hospital				1.38	0.75	1.50	0.50	0.00	0.50
169	Gandhinagar	Civil Hospital				0.50	0.00	0.75	0.25	0.00	0.00
170	Jamnagar	Civil Hospital, Jam Khambhalia				0.50		0.00	0.50	0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
171	Junagadh	District Hospital, Junagadh	0.25	0.00	0.25	0.50	0.25	0.25	0.25	0.50	0.75
172	Kachchh	District Hospital, Bhuj	0.50	0.25	0.00	0.50	0.00	0.00	0.50	0.75	1.00
173	Kheda	Civil Hospital, Nadiad				0.00	0.50	0.00	0.25	0.75	2.25
174	Mehsana	District Hospital, Mahesana	1.00	0.25	1.00	1.00	0.00	1.50	1.00	2.75	1.50
175	Narmada	Ref. Hospital, Raipipla				0.00	0.25	0.25	0.25	0.75	0.63
176	Navsari	General Hospital				1.00	0.75	0.50	0.75	0.50	1.00
177	Panch Mahals	Civil Hospital, Godhara				0.00	0.00	0.40	0.00	0.25	0.25
178	Patan	General Hospital				0.50	0.25	0.00	0.25	1.00	0.25
179	Porbandar	MGG Hospital				0.00		0.50	0.00	0.50	0.00
180	Rajkot	Civil Hospital, Rajkot	0.00	0.00	0.00	0.75	0.50	0.50	1.00	0.75	0.50
181	Sabar Kantha	District Hospital, Himmatnagar	0.25	0.00	0.25	0.75	0.25	0.25	1.50	0.50	1.00
182	Surat	Municipal Inst. of Medical Edu. & Research(SMIMER)	1.00	0.75	1.25	1.25	1.50	0.76	1.26	1.00	0.50
183	Surendranagar	C. J. General Hospital, Surendranagar				1.75	0.25	0.00	0.25	0.50	1.33
184	Vadodara	Jamnabai Hospital, Vadodara	0.00	0.00	0.25	0.25	0.50	0.00	0.00	0.50	0.00
185	Valsad	CHC Bhilad,VAPI				0.00	0.50	0.76	0.00	0.25	0.00
186	Ahmedabad	CHC, Govt. Hospital, Visnagar,Ahmedabad	0.50								
187	Jamnagar	CHC, Anjar, Jamnagar	0.50								
188	Jamnagar	CHC, Keshod, Jamnagar	0.25								
189	Jamnagar	CHC, Morbi, Jamnagar	0.00								
190	Kheda	CHC, Govt. Hospital, Dakor, Kheda, Ahmedabad	0.00								
191	Surat	CHC, Sangodh, Surat	0.00								
192	Vadodara	CHC, Dabhoi, Vadodara	0.75								
193	Vadodara	CHC, Devgadbaria, Vadodara	0.25								
194	Mehsana	Alka Hospital Kheralu (New I2)								0.25	0.00
195	Patan	Women Children & Gen Hosp Bhansali Trust (New I2)								0.00	0.00
196	Tapi	Gen Hosp Vyara (New I2)								0.00	1.00



S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
<b>Haryana</b>											
197	Bhiwani	CHC Tosham				1.10	0.25	0.00	0.00	0.00	0.00
198	Palwal	Palwal General Hospital	0.50	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00
199	Fatehabad	GH Fatehabad				0.25	0.00	0.00	0.00	0.50	0.25
200	Hisar	Hissar General Hospital	0.00	0.00	0.00	0.25	0.25	0.00	0.50	0.50	0.25
201	Jhajjar	GH Jhajjar				0.26	0.00	0.25	0.00	0.25	0.00
202	Jind	Jind General Hospital	0.25	0.00	0.50	0.25		0.50	0.75	0.00	1.25
203	Kaithal	GH Kaithal				0.00	0.00	0.25	0.75	0.25	0.25
204	Karnal	Karnal General Hospital	0.25	0.00	0.25	0.00	0.25	0.00	0.00	0.25	0.50
205	Kurukshetra	L.N.J.P. Hospital				0.00	0.00	0.25	0.00	0.25	0.25
206	Mewat	CHC Nuh, Mewat (New)				0.31	0.00	0.00	0.25	0.00	0.00
207	Panchkula	CHC Raipurani				0.00	0.50	0.00	0.00	0.00	0.00
208	Panipat	GH Panipat				0.00	0.00	0.00	0.00	0.25	0.50
209	Hisar	CHC, Mangali, Hisar	0.00								
210	Jind	CHC, Julana, Jind	0.67								
211	Karnal	CHC, Nilokheri, Karnal	0.41								
212	Faridabad	GH Faridabad (New12)								0.00	0.75
213	Rewari	GH Rewari (New12)								0.25	0.00
214	Sirsa	GH Sirsa (New12)								0.00	0.00
215	Gurgaon	GH Gurgaon (New12)								0.25	0.00
216	Mewat	CHC Nuh, Mewat (New)									
<b>Himachal Pradesh</b>											
217	Hamirpur	Hamirpur Zonal Hospital	1.00	0.50	0.75	0.00	0.00	0.75	0.25	0.00	0.00
218	Kangra	Dharamshala Zonal Hospital	0.77	0.00	0.25	0.25	0.00	0.75	0.00	0.00	0.00
219	Kinnaur	Kinnaur Zonal Hospital	0.00	0.00	0.00	0.00					
220	Kinnaur	Rekongpeo Regional Hospital (New 07)					0.00	0.00	1.00		
221	Lahul & Spiti	Kelong_Zonal Hospital	0.00			0.00					
222	Mandi	Mandi Zonal Hospital	0.00	0.25	0.00	0.00	0.00	0.25	0.00	0.25	0.00
223	Shimla	Rampur MGIMS				0.00	0.25	0.50	0.00	0.00	0.00
224	Solan	Solan Zonal Hospital	0.00	0.00	0.00	0.25	0.00	0.25	0.00	0.00	0.00
225	Una	Una Zonal Hospital	0.00	0.75	0.25	0.00	0.26	0.25	0.00	0.00	0.00
226	Hamirpur	CHC Nadaun & Barsar	0.00			0.00	0.50	1.25	0.00		0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PPI2	PPI5
227	Kangra	Kangra, Palampur/ Jawalamukhi	0.25								
228	Kinnaur	Kinnaur, Nichar/ Sangala/Pooh	0.00								
229	Lahul & Spiti	Udaipur_Kaza	0.00			0.00	0.00				
230	Mandi	Mandi, Karsog/Jnagar	0.26								
231	Solan	Solan, Arki/Nalagrah	0.50								
232	Una	Una, Haroli/ Daulatpur Chowk	0.25								
<b>Jammu &amp; Kashmir</b>											
233	Anantnag	District Hospital, Anantnag				0.00	0.00	0.00	0.00	0.00	0.00
234	Badgam	District Hospital, Budgam				0.00	0.00	0.00	0.00	0.00	0.00
235	Baramula	District Hospital, Baramulla				0.00	0.00	0.00	0.00	0.00	0.00
236	Doda	District Hospital, Doda				0.00	0.00	0.00	0.00	0.50	0.00
237	Jammu	SMGS Hospital Jammu.									
238	Jammu	SMGS Hospital Jammu	0.00	0.00	0.00	0.50	0.00	0.00	0.50	0.25	0.75
239	Jammu	166 Military Hospital-Code AN-M				0.00					
240	Kargil	District Hospital Kargil				0.00	0.00			0.00	0.00
241	Kathua	Kathua District Hospital				0.00	0.50	0.00	0.25	0.00	0.00
242	Kupwara	District Hospital, Kupwara				0.00	0.00	0.00	0.00	0.00	0.00
243	Leh (Ladakh)	Leh District Hospital	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00
244	Pulwama	District Hospital, Pulwama				0.00	0.00	0.00	0.00	0.00	0.00
245	Punch	District Hospital, Poonch				0.00	0.00	0.00	0.00	0.00	0.00
246	Rajauri	District Hospital, Rajouri				0.00	0.25	0.00	0.00	0.00	0.00
247	Srinagar	Srinagar Lal Ded Hospital	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	Udhampur	District Hospital, Udhampur				0.00	0.00	0.00	0.00	0.00	0.00
249	Jammu	CHC, RS Pma/ Bishna, Jammu	0.00								
250	Srinagar	CHC, Ganderbal Harvan	0.00			0.00	0.00	0.00		0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
<b>Jharkhand</b>											
251	Bokaro	Bokaro General Hospital				0.28	0.00	0.00	0.00	0.00	0.00
252	Deoghar	Deogarh Sadar Hospital	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
253	Dhanbad	Patliputra Medical College Hospital, Dhanbad				0.00	0.25	0.25	0.50	0.25	0.50
254	Dhanbad	B.C. C. L. Dhanbad				0.88	0.00	0.00	0.00		
255	Garhwa	Garhwa Sadar Hospital	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
256	Godda	Sadar Hospital, Godda				0.25	0.25	2.25	0.27	0.00	0.25
257	Gumla	Sadar Hospital, Gumla				0.00	0.00	0.00	0.00	0.25	0.50
258	Kodarma	Holy Family Hospital, Koderma	0.00	0.00	0.63	0.00	0.00	0.75	0.75	0.00	0.00
259	Lohardaga	Sadar Hospital, Lohardaga				0.00	0.00	0.25	0.51	0.00	0.00
260	Purbi Singhbhum	E. Singhbhum Sadar Hospital	0.00	0.00	0.00	0.25	0.51	1.00	0.50	0.50	0.25
261	Purbi Singhbhum	Mercy Hospital, Jamshedpur				0.00	0.50	0.50	1.00	0.25	0.00
262	Purbi Singhbhum	Tata Main Hospital				0.00	0.00	0.25	0.75	0.50	0.50
263	Ranchi	Ranchi Rajendra Institute of Medical Sciences	0.25	0.25	0.25	0.25	0.00	0.25	0.75	1.26	1.25
264	Ranchi	C.C. L. Hospital, Ranchi				0.00					
265	Sahibganj	Sahibganj Sadar Hospital	0.00	0.00	0.25	0.50	0.00	0.00	0.50	0.00	0.25
266	Simdega	Sadar Hospital, Simdega Tehsil (New)				0.00	0.00	0.00	0.51	0.25	0.00
267		RH, Polka, JSR	0.00								
268	Deoghar	SDH, Madhupur, Deoghar	0.00								
269	Garhwa	RH, Nagaruntari, Garhwa	0.00								
270	Kodarma	RH, Domchand, Kodarma	0.00								
271	Ranchi	RH, Bundu, Ranchi	0.00								
272	Sahibganj	RH, Raj Mahal, Sahebganj	0.00								
273	Chatra	Sadar Hospital, Chatra (New I2)								0.00	0.00
274	Jamtara	Sadar Hospital, Jamtara (New I2)								0.25	0.00
275	Kunti	Sadar Hospital, Khunti (New I2)								0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
276	Latehar	Sadar Hospital, Latehar (New 12)								0.00	0.00
277	Hazaribagh	Sadar Hospital, Hazaribagh (New 12)								0.25	0.00
278	Ramgarh	Sadar Hospital, Ramgarh (New 12)								0.25	0.00
279	Saraikela	Sadar Hospital, Saraikela (New 12)								0.00	0.00
280	Giridih	Sadar Hospital, Giridih (New 15)									0.00
281	Dumka	Sadar Hospital, Dumka (New 15)									0.00
282	Pashchimi Singhbhum	Sadar Hospital, Pashchimi Singhbhum (New 15)									0.25
<b>Karnataka</b>											
283	Bagalkot	Bagalkot District Hospital	2.00	2.75	3.25	2.00	0.25	1.75	1.75	0.50	1.00
284	Bangalore	Bangalore Vani Vilas Hospital	1.00	1.25	1.00	1.50	2.00	1.50	0.50	0.25	1.51
285	Bangalore Rural	Gen. Hosp., Dodballapur (New 08)						0.75	0.00	0.75	0.00
286	Belgaum	Belgaum District Hospital	3.75	3.75	3.50	3.00	1.75	1.75	1.50	1.26	0.50
287	Bellary	DH Bellary/VMIS Hospital Bellary	1.50	1.00	0.75	1.00	0.00	1.75	1.50	0.25	0.50
288	Bidar	Bidar District Hospital	1.25	0.75	0.50	1.00	1.00	0.25	0.50	0.25	0.00
289	Bijapur	Bijapur District Hospital	2.50	2.00	4.25	1.75	1.50	1.00	2.50	0.75	0.25
290	Chamarajnar	Chamarajnar District Hospital	0.50	0.75	1.75	2.50	2.00	1.01	1.50	2.26	1.25
291	Chikballapur	DH / GH Chikkaballapura	0.75	0.25	0.50	0.00	0.50	0.75	0.50	1.00	2.75
292	Chikmagalur	Chikmagalur District Hospital	0.25	0.50	1.25	2.25	3.50	1.25	0.25	0.25	0.00
293	Chitradurga	Chitradurga District Hospital	0.50	0.75	0.75	0.50	0.50	1.00	1.25	0.75	0.00
294	Dakshina Kannada	Mangalore Women & Children Hospital	1.25	2.50	0.25	0.25	0.25	1.25	0.50	0.75	0.25
295	Davangere	C. G. Hospital Davangere / DH Davangere	1.00	1.00	1.75	2.00	0.50	1.25	1.50	1.25	0.25
296	Dharwad	Hubli KIMS	3.00	1.75	6.25	1.00	0.50	0.75	1.00	0.25	0.00
297	Gadag	Gadag District Hospital	1.50	1.50	1.50	0.75	0.25	0.75	1.75	0.25	0.50
298	Gulbarga	Gulbarga District Hospital	1.25	2.00	2.00	1.75	5.00	2.25	0.25	0.50	0.50
299	Hassan	Hassan District Hospital	0.50	0.75	1.75	4.00	2.50	1.00	0.25	0.50	0.75

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
300	Haveri	Haveri District Hospital	1.03	0.75	0.25	0.25	0.25	1.00	0.25	0.00	0.00
301	Kodagu	Madikeri District Hospital	0.25	0.25	1.00	0.50	0.25	2.26	0.25	0.25	0.50
302	Kolar	Kolar District Hospital	1.25	1.25	1.00	1.50	0.25	1.00	0.25	0.50	0.00
303	Koppal	Koppal District Hospital	2.75	1.75	2.25	1.50	1.50	0.00	0.75	0.75	0.75
304	Mandya	Mandya District Hospital	1.25	1.25	1.25	0.25	2.25	0.25	0.50	2.00	0.25
305	Mysore	Cheluvamba KR Hospital, Mysore	0.75	3.75	2.00	1.00	1.25	1.25	0.25	0.75	0.25
306	Raichur	Raichur District Hospital	1.50	1.25	0.75	1.25	1.00	0.50	0.25	0.75	0.00
307	Ramnagaram	District Hospital, Ramnagaram & GH, Kanakapura	2.75	2.25	0.25	0.00	0.00	0.75	0.75	0.50	0.00
308	Shimoga	Shimoga District Hospital	0.25	0.50	1.25	1.00	0.00	1.75	0.00	0.00	0.00
309	Tumkur	Tumkur District Hospital	1.25	1.25	0.75	0.50	2.25	1.75	2.25	0.75	0.25
310	Udupi	Udupi District Hospital	1.25	1.50	0.50	1.50	0.00	1.00	0.50	0.50	0.00
311	Uttara Kannada	Karwar District Hospital	1.75	1.25	0.00	1.50	1.00	0.00	0.25	0.50	0.00
312	Yadgir	DH yadgiri (New 10)							0.50	0.25	0.00
313	Dharwad	Dharwad ANC 15-24									
314	Bagalkot	G.H. Jamkhandi	3.50	2.50	2.50	2.25	1.00	2.50	5.25	0.50	0.25
315	Bangalore	G.H.K R Puram	1.50	0.00	0.00	1.25	0.50	0.00	0.00	1.50	0.75
316	Bangalore Rural	Gen. Hosp., Devanahalli (New 08)						0.00	0.25	0.75	0.50
317	Belgaum	G.H. Gokak	5.13	4.75	3.75	3.25	2.25	1.25	0.25	0.25	0.75
318	Bellary	G.H. Hospet	1.75	1.25	1.00	1.75	0.75	0.50	1.00	1.25	0.25
319	Bidar	G.H. Hummabad	1.54	1.00	1.25	0.75	1.25	0.00	0.50	0.50	0.25
320	Bijapur	G.H. Indi	0.75	0.75	0.00	0.73	0.50	3.00	1.00	0.25	0.00
321	Chamrajnagar	G.H. Kollegal	0.51	1.25	1.50	0.25	0.00	0.00	0.25	0.25	0.00
322	Chikballapur	Gen Hospital, Gowri Bidnur (New08)						1.75	0.25	0.00	0.75
323	Chikmagalur	G.H. Mudigere	0.75	1.50	0.50	0.75	1.25	0.25	0.50	0.50	0.51
324	Chitradurga	G.H. Challekere	0.25	0.75	0.50	0.00	0.00	0.00	1.25	1.00	0.75
325	Dakshina Kannada	G.H. Bantwal	0.50	0.25	0.50	1.25	0.00	0.25	0.00	0.25	0.00
326	Davangere	G.H. Channagiri	0.75	3.25	1.00	0.75	1.00	2.75	0.00	0.50	1.00
327	Dharwad	G.H. Navalgund	3.00	4.00	7.25	0.75	0.25	0.50	0.00	0.00	0.00
328	Gadag	G.H. Laxmeswara	0.25	0.75	0.75	1.00	0.75	0.25	0.50	0.50	0.25
329	Gulbarga	G.H. Sedum	2.00	2.50	3.25	0.00	0.50	0.25	0.25	0.25	0.00
330	Hassan	G.H. Sakaleshpur	1.00	1.25	1.00	0.75	0.00	0.75	1.25	0.76	0.50
331	Haveri	G.H. Ranibennur	1.75	0.50	0.50	1.00	0.25	0.25	0.00	0.25	0.25

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
332	Kodagu	G.H. Siddapur	0.25	1.25	0.50	0.50	1.25	3.00	1.00	0.75	0.00
333	Kolar	Kolar KGF Hospital (New 08)						0.00	0.25	0.00	0.25
334	Koppal	G.H. Gangavathi	5.51	4.25	3.50	1.75	1.00	0.00	0.50	0.00	0.51
335	Mandya	G.H. Malavalli	1.00	1.00	0.75	0.25	0.25	0.00	0.50	0.25	0.87
336	Mysore	G.H. Hunsur	0.25	1.00	0.25	1.00	0.50	0.50	0.00	0.25	0.00
337	Raichur	G.H. Sindhanur	1.75	1.00	2.50	1.50	0.00	0.50	0.25	0.25	0.25
338	Ramnagaram	General Hospital, Channapatna	1.00	2.75	1.50	1.00	0.25	0.50	0.25	1.00	0.00
339	Shimoga	G.H. Sagar	1.25	0.50	0.50	0.00	0.75	0.25	0.00	0.50	0.75
340	Tumkur	General Hospital, Tiptur	2.50	1.75	1.25	1.00	0.00	0.50	0.75	0.25	0.25
341	Udupi	G.H. Kundapur	0.50	0.50	0.75	0.00	0.25	0.25	0.50	0.25	0.25
342	Uttara Kannada	G.H. Dandeli	0.25	1.50	1.50	1.20	0.00	0.25	0.50	0.00	0.50
343	Yadgir	GH Shahapur (New 10)							0.75	0.50	0.00
344	Bagalkot	CHC Mahalingpur & PHC Belagali (New 12)								0.75	0.25
345	Bellary	CHC Tekkalkote & PHC Karur (New 12)								0.00	0.00
<b>Kerala</b>											
346	Ernakulam	Lekshmi Hospital-Pvt. (New 10)							0.00	0.00	0.00
347	Idukki	Thodupuzha Taluk Hospital	0.00	0.26	0.78	0.25	0.00	0.00	0.00	0.00	0.25
348	Kannur	MCH Kannur / Kannur District Hospital	0.00	0.25	0.00	0.00	0.25	0.25	0.00	0.00	0.00
349	Kasargod	THQ Hospital, Kasargode				0.00	1.25	0.25	0.25	0.00	0.25
350	Kottayam	Kottayam Medical College Hospital	0.00	0.40	0.00	0.50	0.50	0.50	0.00	0.25	0.00
351	Kozhikode	Baby Memorial Hospital-Pvt. (New 10)							0.00	0.00	0.00
352	Malappuram	THQH Nilambur (New 10)							0.50	0.00	0.00
353	Palakkad	DH Palakkad (New 10)							0.50	0.00	0.25
354	Thiruvananthapuram	W&C Hospital, Thycaud, Thiruvananthapuram				0.00	0.25	0.25	0.00	0.00	0.00
355	Thrissur	Thrissur Medical College Hospital	0.50	0.75	0.50	0.50	0.50	0.00	0.00	0.00	0.00
356	Kannur	Thaliparamba, Kannur	0.00								
357	Kottayam	Kajirapally, Kottayam	0.00								
358	Thrissur	Kodungalloor, Thrissur	0.00								
359	Kollam	Govt.Victoria Hospital (New 15)									0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
360	Pthanamthitta	District Hospital Kozhencherry (New 15)									0.00
361	Alappuzha	W &C Hospital Alappuzha (New 15)									0.00
362	wayanad	District Hospital Mananthawady (New 15)									0.00
<b>Lakshadweep</b>											
363	Lakshadweep	Kavaratti IG Hospital	0.00	0.00	0.00	0.00	0.00				
364	Lakshadweep	Minicoy Government Hospital	0.00	0.00	0.00	0.00	0.00				
<b>Madhya Pradesh</b>											
365	Anuppur	DH Anuppur (New 10)							0.25	0	0.00
366	Ashok Nagar	DH Ashok Nagar				0.00	0.00	1.00	0.00	0.50	1253
367	Balaghat	DH Balaghat				1.25	0.50	0.00	0.50	0.25	0627
368	Barwani	Badwani District Hospital	0.00	0.50	0.00	0.00	0.50	0.25	0.25	0	0.00
369	Betul	Betul District Hospital	0.00	0.25	0.00	0.25	0.00	0.25	0.00	0.5	0.00
370	Bhind	Bhind Civil Hospital	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0	0.00
371	Bhopal	DH Bhopal				0.00	0.75	0.00	0.25	0	0.00
372	Burhanpur	DH Burhanpur (New)				0.00	0.75	0.75	0.50	0.25	0.00
373	Chhindwara	Chhindwara District Hospital	0.85	0.25	0.25	0.50	0.00	0.00	0.25	0.5	0.25
374	Damoh	DH Damoh				0.25	0.00	0.25	0.25	0	0.25
375	Datia	DH Datia				0.00	0.50	0.00	0.00	0	0.00
376	Dewas	Dewas District Hospital	0.00	0.25	0.25	2.00	0.25	0.25	0.00	0	0.00
377	Dhar	DH Dhar				0.00	0.00	0.00	0.50	0	0.00
378	Guna	DH Guna				0.00	0.25	0.00	0.00	0	0.25
379	Harda	Harda District Hospital	0.00	0.25	0.75	1.50	0.25	0.00	0.25	0	0.00
380	Indore	DH Indore				0.50	2.00	1.00	0.25	0	0.00
381	Jabalpur	MC Jabalpur				0.00	0.00	0.00	0.50	0.25	0.25
382	Katni	Katni District Hospital	1.75	0.00	0.25	0.00	0.25	0.00	0.00	0	0.00
383	Khandwa	DH Khandwa (New)				0.25	0.50	0.25	0.25	0	0.00
384	Khargone	DH Khargone (New)				0.00	0.75	1.50	0.51	0	0.00
385	Mandla	DH Mandla				0.25	0.50	0.25	0.76	0.5	0.75
386	Mandsaur	Mandsaur District Hospital	3.25	0.998	0.75	0.00	0.50	0.75	2.75	0.5	0.25
387	Narsimhapur	DH Narsinghpur				0.00	0.00	0.25	0.25	0	0.25
388	Panna	DH Panna				1.25	0.00	0.00	0.00	0	0.00
389	Raisen	CHC Barely				0.00	0.00	0.00	0.00	0	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
390	Rajgarh	CH Bioara				0.00	0.25	0.00	0.50	0	0.00
391	Ratlam	Ratlam_District Hospital	0.49	0.00	0.00	0.50	0.25	0.00	0.50	0.753769	0.75
392	Rewa	Rewa S.S. Medical College Hospital	0.00	1.00	0.00	0.50	0.00	0.00	0.00	0	0.00
393	Sagar	Sagar District Hospital	0.25	0.50	0.75	0.00	0.00	0.00	0.25	0	0.00
394	Sehore	DH Sehore				0.00	0.00	0.50		0.25	1.25
395	Seoni	DH Seoni				0.25	0.25	1.25	1.75	0.75	0.25
396	Shahdol	Shahdol District Hospital	0.00	0.50	0.25	0.00	0.00	0.00	0.00	0	0.00
397	Sheopur	DH Sheopur				0.00	0.00	0.25	0.00	0	0.50
398	Shivpuri	Shivpuri District Hospital	0.25	0.50	0.25	0.00	0.00	0.00	0.00	0	0.00
399	Sidhi	DH Sidhi				0.25	0.00	0.25	0.25	0.25	0.00
400	Tikamgarh	DH Tikamgarh				0.00	0.00	0.00	0.00	0	0.00
401	Vidisha	DH Vidisha				0.00	0.00	0.00	0.00	0	0.00
402	Barwani	Barwani, Rajpur	0.00								
403	Betul	Betul, Multai	1.08								
404	Bhind	Bhind, Gohad	0.00								
405	Dewas	Dewas, Sonkatch	0.00								
406	Indore	Harda, Indore	0.00								
407	Jabalpur	Chhindwara, Jabalpur	0.52								
408	Jabalpur	Shahdol, Jabalpur	0.00								
409	Katni	Katni, Jabalpur	0.00								
410	Mandsaur	Mandsaur, Mandsaur	1.75								
411	Ratlam	Ratlam, Indore	0.00								
412	Rewa	Rewa S.S. Medical College Hospital	0.00								
413	Sagar	Sagar, Deori	0.00								
414	Shivpuri	Shivpuri, Karera	0.00								
415	Alirajpur	District Hospital Alirajpur (New I2)								0.00	0.00
416	Chhatarpur	District Hospital Chhatarpur (New I2)								0.00	0.50
417	Dindori	District Hospital Dindori (New I2)								0.00	0.25
418	Gwalior	District Hospital Gwalior (New I2)								0.00	0.00
419	Hoshangabad	District Hospital Hoshangabad (New I2)								0.00	0.00
420	Neemuch	District Hospital Neemuch (New I2)								1.01	0.00
421	Satna	District Hospital Satna (New I2)								0.00	0.00
422	Shajapur	District Hospital Shajapur (New I2)								0.00	0.00
423	Ujjain	District Hospital Ujjain (New I2)								0.25	0.25



S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
424	Morena	District Hospital Morena (New I2)								0.00	0.00
425	Jhabua	District Hospital, Jhabua (New I5)									0.25
426	Singrauli	District Hospital, Singrauli (New I5)									0.00
<b>Maharashtra</b>											
427	Ahmadnagar	Ahmadnagar Civil Hospital	2.25	1.50	2.50	1.25	1.25	0.76	1.00	0.00	0.00
428	Akola	Akola Women Hospital	0.75	0.25	0.00	1.00	0.00	0.77	0.25	0.25	1.00
429	Amravati	Amravati Civil Hospital	0.75	0.75	1.00	0.50	1.00	0.00	0.50	1.00	0.50
430	Aurangabad	Aurangabad Government Medical College	0.25	0.25	0.00	1.25	0.50	0.29	0.75	0.75	0.25
431	Bhandara	Bhandara Civil Hospital	1.25	0.50	1.25	0.25	1.00	0.75	0.53	1.00	0.75
432	Bid	Beed Civil Hospital	2.25	0.25	1.25	0.50	0.75	0.75	0.25	0.00	0.00
433	Buldana	Buldhana Civil Hospital	0.25	0.25	0.50	1.00	0.25	1.32	0.00	0.00	1.00
434	Chandrapur	Chandrapur Civil Hospital	2.75	3.00	3.50	3.50	2.00	1.79	0.75	0.50	0.25
435	Dhule	Dhule Govt. Medical College	1.50	0.50	0.75	1.00	1.50	0.75	1.00	0.50	1.25
436	Gadchiroli	Gadchiroli Civil Hospital	0.50	1.00	0.50	0.50	0.00	0.00	0.75	0.00	0.00
437	Gondiya	Gondiya Civil Hospital	0.75	0.25	0.50	0.75	0.25	0.25	0.00	0.00	0.75
438	Hingoli	Hingoli Civil Hospital	0.25	1.50	1.00	1.25	0.50	0.25	0.50	0.25	0.00
439	Jalgaon	Jalgaon Civil Hospital	1.75	1.75	1.75	1.75	2.00	0.79	0.76	0.25	0.25
440	Jalna	Jalna Civil Hospital	0.25	1.00	1.25	0.75	0.50	0.77	0.50	0.25	0.00
441	Kolhapur	Kolhapur Govt. Medical College	2.50	2.00	2.75	2.25	1.50	0.75	1.25	0.75	0.25
442	Latur	Latur Women Hospital	2.01	2.25	1.50	1.50	1.25	1.01	0.00	0.00	0.50
443	Nagpur	Nagpur IGMC	2.75	1.25	1.50	0.50	1.25	0.77	0.00	0.75	0.50
444	Nanded	Nanded Government Medical College	1.25	1.25	1.00	0.75	0.50	1.38	0.50	1.00	1.25
445	Nandurbar	Nandurbar Civil Hospital	2.25	0.25	1.00	0.75	0.75	0.25	1.00	0.50	0.00
446	Nashik	Nasik Government Hospital	1.25	2.25	2.25	0.75	0.50	0.00	0.25	0.25	0.75
447	Osmanabad	Osmanabad Civil Hospital	0.75	1.75	1.50	1.50	0.50	1.10	0.50	0.75	0.50
448	Parbhani	Parbhani Civil Hospital	1.25	0.50	0.50	0.25	1.25	0.79	0.50	0.50	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
449	Pune	Pune BJ Medical College	2.50	3.25	3.25	0.50	0.50				
450	Raigarh	Raigarh Civil Hospital	0.50	1.00	0.75	0.50	0.25	0.26	0.75	0.25	0.25
451	Ratnagiri	Ratnagiri Government Hospital	1.50	0.75	1.00	0.50	0.50	0.52	0.51	1.00	0.50
452	Sangli	Sangli Government Hospital	4.00	2.50	3.25	3.00	3.25	1.81	1.25	0.75	0.25
453	Satara	Satara Government Hospital	3.00	2.00	2.25	2.00	2.25	0.27	0.00	0.25	0.75
454	Sindhudurg	Sindhudurg Civil Hospital	0.25	0.50	0.00	0.25	0.00	0.00	0.00	1.25	0.25
455	Solapur	Solapur Government Medical College	2.00	2.00	2.75	0.50	1.50	0.75	1.25	0.76	0.00
456	Thane	Thane Civil Hospital	4.25	1.50	2.00	0.75	1.75	1.02	0.75	0.75	0.25
457	Wardha	Wardha Civil Hospital	0.25	1.25	0.00	0.50	0.00	0.77	0.50	0.50	1.00
458	Washim	Washim Civil Hospital	0.00	0.25	0.75	0.25	0.50	0.50	0.50	0.75	1.00
459	Yavatmal	Yavatmal Government Medical College	2.25	1.50	1.25	1.50	1.00	1.55	1.00	0.50	0.50
460	Mumbai	Cama Hospital ANC 15-24			2.75				1.00	1.26	0.25
461	Mumbai (Suburban)	Kurla Baba ANC 15-24			0.75				1.25	0.50	0.25
462	Pune	Pune ANC 15-24			2				1.00	1.00	0.50
463	Ahmadnagar	CHC, Pathardi	1.00	0.25	0.75	0.25	0.75	0.26	0.25	0.25	0.00
464	Akola	CHC, Murtizapur	0.36	0.00	0.00	0.25	1.25	0.25	0.00	1.25	0.75
465	Amravati	CHC, Achalpur	0.25	0.25	0.25	0.00	0.25	0.26	0.00	0.00	0.00
466	Aurangabad	CHC, Sillod	0.00	0.00	0.00	0.25	0.00	0.27	0.00	0.00	0.25
467	Bhandara	CHC, Tumsar	0.75	0.75	1.00	0.50	0.50	0.00	0.00	0.25	0.25
468	Bid	CHC, Parali	0.75	0.75	0.50	1.00	0.50	0.50	0.00	0.25	0.00
469	Buldana	CHC, Khamgav	0.25	0.00	0.25	0.75	0.25	0.29	0.00	0.50	0.00
470	Chandrapur	CHC, Mul	0.25	0.75	1.75	0.00	0.25	1.03	0.00	0.00	0.00
471	Dhule	CHC, Shirpur	0.51	1.00	0.50	1.25	0.75	0.50	0.25	0.00	0.25
472	Gadchiroli	CHC, Armori	0.00	0.00	0.25	0.00	0.00	0.00	0.50	0.00	0.00
473	Gondiya	CHC, Deori	0.997	0.25	0.25	0.50	0.50	0.26	0.00	0.25	0.00
474	Hingoli	CHC, Vasmat	0.51	1.00	1.75	2.00	0.00	0.26	0.25	0.00	0.00
475	Jalgaon	CHC, Edlabad	1.25	1.25	1.75	1.25	1.50	0.00	0.25	0.00	0.00
476	Jalna	CHC, Ambad		0.50	0.50	1.50	0.75	0.00	0.00	0.25	0.00
477	Kolhapur	CHC, Gargoti	0.50	1.25	1.00	0.50	1.25	0.00	0.25	0.50	0.25
478	Latur	CHC, Murud	1.00	0.25	0.50	0.25	0.25	0.75	0.00	0.50	0.00
479	Nagpur	CHC, Umred	0.75	1.25	0.25	1.25	1.00	0.00	0.00	0.25	0.25
480	Nanded	CHC, Kandhar	0.00	0.50	0.25	0.25	0.25	0.00	0.25	0.00	0.00
481	Nandurbar	CHC, Navapur	0.25	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
482	Nashik	CHC, Kalwan	0.50	0.50	1.25	0.50	0.25	0.75	0.00	0.25	0.25
483	Osmanabad	CHC, Omerga	0.75	1.00	1.25	1.50	0.00	0.52	0.50	0.50	0.50

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
484	Parbhani	CHC, Selu	1.50	1.00	0.50	1.50	1.00	0.26	0.00	0.25	0.00
485	Pune	CHC, Narayangaon	0.25	1.50	0.50	0.50	0.00	0.00	0.75	0.50	0.25
486	Raigarh	CHC, Mangaon	0.25	0.25	1.00	1.25	0.25	0.26	0.00	0.25	0.00
487	Ratnagiri	CHC, Dapoli	0.50	0.75	1.00	0.00	0.00	0.27	0.00	0.00	0.00
488	Sangli	CHC, Islampur	4.00	3.75	2.25	1.00	1.25	1.09	0.00	0.00	0.00
489	Satara	CHC, Karad	2.50	1.25	1.50	1.00	1.00	0.00	0.25	0.25	0.25
490	Sindhudurg	CHC, Sawantwadi	0.00	0.00	0.50	0.00	0.25	0.25	0.25	0.00	0.00
491	Solapur	CHC, Akluj	0.50	0.25	0.75	1.50	0.50	2.55	1.01	0.50	0.50
492	Thane	CHC, Shahapur	1.50	0.75	0.75	1.00	0.00	0.26	0.00	0.25	0.00
493	Wardha	CHC, Pulgaon	0.50	0.50	0.75	0.00	0.50	1.00	0.25	0.00	0.50
494	Washim	CHC, Manglurpir	0.00	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.00
495	Yavatmal	CHC, Pusad		1.25	1.25	1.25	0.50	1.56	1.00	0.25	0.25
496	Mumbai	Cama Hospital	2.26	1.25	1.25	2.25	1.75	1.75	0.50	0.25	1.00
497	Mumbai (Suburban) *	Rajawadi Hospital	1.25	1.25	1.75	0.50	1.25	1.25	0.25	1.75	0.25
498	Mumbai (Suburban) *	Bhagwati Hospital	1.00	1.75	2.00	1.75	2.00	1.75	0.75	0.00	0.50
499	Mumbai (Suburban) *	Kurla KB Bhabha Hospital	0.75	0.75	0.75	1.25	1.00	0.25	1.50	0.25	0.50
500	Mumbai (Suburban) *	Govandi Shatabdi Hospital	1.25	1.00	0.25	1.00	1.75	1.25	0.25	0.75	1.50
501	Mumbai (Suburban) *	M.W. Desai Hospital	1.50	0.50	0.75	0.50	0.50	0.00	0.75	0.25	0.00
502	Mumbai (Suburban) *	Ashwini Maternity & Surgical Hospital				0.00	1.27				
503	Mumbai	St. George Hospital 15-24 (New 15)									
504	Mumbai (Suburban)	SVD Savarkar Hospital 15-24 (New 15)									
505	Palghar	R.H. Jawhar (New 15)									0.00
506	Pune	Pune chest general Hospital, Aundh (Urban)						0.51	0.00	0.50	0.50
<b>Manipur</b>											
507	Bishnupur	Bishnupur District Hospital	1.75	1.25	0.75	0.00	1.00	0.50	0.75	1.00	0.00
508	Chandel	Moreh CHC Hospital	1.75	1.50	3.50	1.75	3.00	1.00	1.25	0.52	1.75
509	Churachandpur	Churachandpur District Hospital	5.00	2.75	1.50	2.25	3.00	0.75	0.75	0.00	0.75
510	Imphal East	Imphal J.N. Hospital	1.00	2.50	1.00	0.75	1.00	0.50	0.75	0.25	0.50
511	Imphal East	Jiribam CHC	0.00	0.25	0.25	1.25	1.00	1.00	0.50	0.75	0.00
512	Imphal West	Lamphelpat RIMS	1.50	1.50	1.50	2.25	0.75	1.00	0.50	1.00	0.50
513	Senapati	Senapati District Hospital	0.75	0.50	1.00	1.75	0.00	0.25	0.25	0.25	0.00
514	Tamenglong	Tamenglong District Hospital	0.75	1.50	1.75	2.50	0.00	0.50	0.50	0.25	0.50

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
515	Thoubal	Thoubal District Hospital	1.00	4.00	0.75	1.25	0.75	0.00	1.75	0.75	2.27
516	Ukhrul	Ukhrul District Hospital	3.00	4.50	3.00	4.00	6.00	2.17	2.50	2.25	1.39
517	Bishnupur	PHC, Moirang	1.50	1.25	1.75	0.75	0.00	0.00	0.00	1.00	0.25
518	Imphal West	CHC, Wangoi	0.50	0.75	0.00	0.25	0.50	0.00	0.00	0.30	0.00
519	Imphal West	CHC, Khumbong	0.00	0.50	0.50	0.25	0.75	0.00	0.25	0.51	0.00
520	Thoubal	CHC, Kakching	0.25	0.50	1.00	0.50	0.50	0.00	0.50	0.00	0.55
<b>Meghalaya</b>											
521	East Khasi Hills	Shillong Ganesh Das Hospital	0.25	0.00	0.00	0.24	0.00	0.00	0.25	0.00	0.00
522	East Garo Hills	CHC, Resubelpara	0.59			0.00	0.00	0.00	0.00	0.00	0.00
523	East Garo Hills	Wiilam Nagar C.H.C.				0.00	0.00	0.26	0.00	0.25	0.00
524	Ri Bhoi	Nongpoh C.H.C.				0.29	0.00	0.00	0.00	0.25	0.25
525	South Garo Hills	Bagmara C.H.C.				0.00	0.00	0.00	0.00	0.00	0.00
526	West Garo Hills	Phulbari C.H.C				0.00	0.00	0.00	0.00	0.00	0.00
527	West Khasi Hills	Nongstoin C.H.C				0.00	0.00	0.00	0.00	0.00	0.00
528	Jaintia Hills	Jowai Civil Hospital (New 12)								1.50	1.01
<b>Mizoram</b>											
529	Aizawl	Aizawl MCH Clinic, Civil Hospital	0.75	1.25	0.25	1.25	1.25	1.00	0.50	2.25	2.00
530	Aizawl	Presbyterian Hospital, Durtlang, Aizawl			1.00	0.75	2.25	2.00	0.00	0.25	0.75
531	Champhai	Champhai Civil Hospital	3.50	2.75	1.25	1.25	0.75	1.25	1.01	0.50	1.84
532	Kolasib	Kolasib Civil Hospital (New 07)					0.50	0.25	0.25	0.25	0.50
533	Lawngtlai	Civil Hospital, Lawngtlai (New 10)							0.68	0.75	0.00
534	Lunglei	Lungei CHC Hospital	2.00	0.50	0.75	0.50	0.75	0.50	0.25	1.00	0.25
535	Mamit	Mamit Civil Hospital (New 07)					0.81	0.00	0.25	0.26	1.25
536	Saiha	Saiha Civil Hospital (New 07)					0.25	0.25	1.01	0.26	0.26
537	Serchhip	Serchhip Civil Hospital (New 07)					0.25	0.50	0.60	0.50	0.50
538	Champhai	Khawzawl	0.78								
539	Lunglei	CHC, Hnahthial	0.97								
<b>Nagaland</b>											
540	Dimapur	Dimapur Civil Hospital	1.00	0.79	1.50	2.25	2.00	2.03	2.50	1.75	3.01
541	Kiphrie	CivilHospital,Kiphrie				1.17	0.69	1.68	0.31		2.56
542	Kohima	Kohima Naga Hospital	1.75	1.75	1.75	1.25	0.75	2.26	1.00	0.50	1.63

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
543	Longleng	CivilHospital, Longleng				0.00	0.00	0.29	0.25	0.25	0.00
544	Mokokchung	Mokokchung Civil Hospital	0.00	2.51	0.75	1.11	0.25	1.25	0.52	0.00	0.77
545	Mon	Mon Civil Hospital	1.25	1.11	2.29	0.00	0.51	0.75	0.25	0.57	0.56
546	Peren	Civil Hospital, Peren				2.25	0.50	1.03	0.00	0.53	1.54
547	Phek	Phek Civil Hospital	2.13	0.00	1.86	0.26	1.25	1.51	4.00	1.23	2.27
548	Tuensang	Tuensang Civil Hospital	4.25	3.64	4.73	5.00	5.60	3.89	0.75	2.34	1.82
549	Wokha	Wokha Civil Hospital	0.82	0.74	1.00	0.61	0.60	0.61	0.38	0.25	1.04
550	Zunheboto	Zunheboto Civil Hospital	0.80	1.88	1.50	2.00	0.75	1.75	0.00	0.60	0.63
551	Dimapur	CHC, Medziphema	0.79	1.20	0.87	0.36	0.00	0.26	0.88	0.58	0.28
552	Kohima	CHC, Viswema / CHC, Tseminyu	0.00	3.16	1.23	0.83	0.00	0.00	1.37		
553	Mokokchung	CHC, Changtongya		0.61	1.21	0.83	0.52	0.26	0.57		
554	Mon	CHC, Aboi	16.67	0.00		1.37	0.25	0.00	0.00		
555	Phek	CHC, Pfutsero	7.09	0.38	0.00	0.00	1.05	0.79	1.32		
556	Tuensang	CHC, Noklak		7.07	8.36	4.07	4.30	1.89	1.35	2.31	0.61
557	Wokha	CHC, Bhandhari		0.00	2.34	0.93	0.61	0.26	0.87		
558	Zunheboto	CHC, Akuluto		0.00	0.00	0.00	0.50	1.23	0.00		
<b>Odisha</b>											
559	Anugul	Dept of O&G, District Head Quarter Hospital				1.75	1.74	0.50	1.26	0.50	0.25
560	Balangir	Dept of O&G, District Head Quarter Hospital				1.25	0.00	0.50	0.25	0.25	0.25
561	Balasore	Dept of O&G, DHH Balasore (New 07)					0.25	0.50	0.75	1.50	1.00
562	Bargarh	Dept of O&G, District Head Quarter Hospital				0.25	0.50	0.50	0.50	0.50	0.25
563	Baudh	Dept of O&G, District Head Quarter Hospital				0.00	0.00	0.00	0.00	0.00	0.25
564	Bhadrak	Dept of O&G, District Head Quarter Hospital				1.00	0.25	0.00	0.00	0.00	0.00
565	Cuttack	Cuttack SCB Medical College	0.00	0.50	0.50	0.75	0.00	1.00	1.50	1.75	1.00
566	Deogarh	Dept of O&G, DHH, Deogarh (New 07)					1.00	0.00	0.50	0.25	0.25
567	Dhenkanal	Dept of O&G, District Head Quarter Hospital				0.00	0.25	0.00	0.00	0.25	0.00
568	Gajapati	Dept of O&G, DHH Gajapati (New 07)					0.00	0.25	0.75	0.00	0.00
569	Ganjam	Berhampur City Hospital	0.00	1.50	2.25	3.25	0.25	1.25	1.00	1.75	1.50

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
570	Ganjam	Area Hospital Aska, Ganjam					0.50	0.75	0.50	0.00	0.00
571	Jagatsinghapur	Jagatsinghpur DHH	0.00	0.00	0.00	0.50	0.00	0.25	0.00	0.00	0.00
572	Jajapur	Dept of O&G, District Head Quarter Hospital				0.25	0.50	0.25	0.82	0.00	0.00
573	Jharsuguda	Dept of O&G, District Head Quarter Hospital				0.00	0.00	1.50	0.25	0.25	0.75
574	Kalahandi	Dept of O&G, District Head Quarter Hospital				0.00	0.00	0.00	0.00	0.00	0.75
575	Kandhamal	Dept of O&G, District Head Quarter Hospital				0.00	0.00	0.75	0.25	0.00	0.00
576	Kendrapara	Dept of O&G, District Head Quarter Hospital				0.00	0.00	0.75	0.25	0.25	0.00
577	Kendujhar	Dept of O&G, District Head Quarter Hospital				0.50	0.00	0.00	0.25	0.00	0.00
578	Khordha	Dept of O&G, Capital Hospital				0.25	0.00	0.00	1.00	0.00	0.25
579	Koraput	Dept of O&G, DHH Koraput (New 07)					0.00	0.00	0.50	0.00	0.25
580	Koraput	SDH Jeypore-composite (New10)							0.25	0.25	0.00
581	Malkangiri	Dept of O&G, DHH Malkangiri (New 07)					0.00	0.00	0.50	0.00	0.00
582	Mayurbhanj	Dept of O&G, District Head Quarter Hospital				0.50	0.00	0.50	0.50	0.00	0.00
583	Nabarangapur	Dept of O&G, DHH Nawarangpur (New 07)					0.25	0.50	0.50	0.25	0.25
584	Nayagarh	Dept of O&G, District Head Quarter Hospital				0.75	0.25	0.00	0.50	0.00	0.25
585	Nuapada	Dept of O&G, DHH Nuapada (New 07)					0.00	0.00	0.50	0.00	0.00
586	Puri	Dept of O&G, District Head Quarter Hospital				0.50	0.25	0.50	0.00	0.50	0.25
587	Rayagada	Dept of O&G, District Head Quarter Hospital				0.50	0.25	0.25	0.50	1.50	0.00
588	Sambalpur	Burla VSS Medical College	0.00	0.50	0.00	0.50	0.75	0.00	0.00	0.25	0.25
589	Sonapur	Dept of O&G, District Head Quarter Hospital				0.00	0.00	1.75	0.00	0.00	0.00
590	Sundargarh	Rourkela RG Hospital	0.00	0.00	0.25	0.25	0.00	1.75	0.25	0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
<b>Puducherry</b>											
591	Karaikal	Karaikal General Hospital	0.25	0.25	0.50	0.50	0.00	0.25	0.00	0.00	0.25
592	Puducherry	Puducherry Maternity Hospital	0.00	0.25	0.00	0.00	0.00	0.25	0.25	0.00	0.00
593	Karaikal	Karaikal	0.26								
594	Puducherry	Puducherry	0.00								
<b>Punjab</b>											
595	Amritsar	Amritsar Medical College	0.00	0.25	0.25	0.00	0.00	0.00	0.25	0.76	0.00
596	Barnala	Civil Hospital Barnala (New 07)					0.25	0.00	0.50	0.00	0.00
597	Faridkot	Faridkot Medical College	0.00	0.25	0.00	0.00	0.00	0.25	0.25	0.25	0.00
598	Ferozpur	Civil Hospital, Ferozpur				0.00	0.00	0.00	0.00	0.00	0.00
599	Hoshiarpur	Hoshiarpur Civil Hospital	0.50	0.25	0.75	0.75	0.00	0.00	0.47	0.50	0.50
600	Jalandhar	CH Jalandhar (New 07)					0.77	0.75	0.25	0.25	0.00
601	Ludhiana	Ludhiana Civil Hospital	0.00	1.00	0.00	0.25	0.25	1.02	0.75	0.50	0.50
602	Sangrur	CH Sangrur				0.00	0.00	0.75	0.25	0.50	0.75
603	Amritsar	CHC, Manawala, Amritsar	0.30								
604	Faridkot	CHC, Sadiq, Faridkot	0.00								
605	Hoshiarpur	CHC, Tanda, Hoshiarpur	0.00								
606	Ludhiana	CHC, Sudhar, Ludhiana	0.25								
607	Mansa	Civil Hospital Mansa	0.00			0.00	0.25	0.50	0.50	0.25	0.25
608	Moga	Civil Hospital Moga				0.75	0.00	0.75	0.00	0.75	0.25
609	Muktsar	CH Muktsar				0.25	0.00	0.00	0.00	0.25	1.50
610	Nawanshahr	CH Balachaur				0.00	0.00	0.00	0.00	0.50	0.00
611	Tarn taran	CH Tarn Taran	0.30			0.25	0.00	0.00	0.00	0.25	0.25
612	Bathinda	Civil Hospital, Bathinda (New 15)									0.50
613	Mohali	Civil Hospital, Mohali (New 15)									0.00
614	Gurdaspur	Civil Hospital, Gurdaspur (New 15)									0.50
615	Kapurthala	Civil Hospital, Kapurthala (New 15)									0.00
616	Patiala	Mata Kaushalaya Govt. Hospital (Gynae), Patiala (New 15)									0.75

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
<b>Rajasthan</b>											
617	Ajmer	Govt. Mahila Chikitsalay				0.00	0.00	0.25	0.00	0.00	0.00
618	Alwar	Rajiv Gandhi Govt. General Hospital				0.50	0.50	0.00	0.00	0.00	0.00
619	Banswara	Mahatma Gandhi Hospital				0.00	0.25	0.00	0.51	0.00	0.00
620	Baran	Govt. Hospital				0.00	0.00	0.00	0.25	0.25	0.00
621	Barmer	General Hospital				0.00		0.25	1.75	1.50	0.25
622	Bharatpur	Bharatpur District Hospital (New 07)					0.25	0.25	0.00	0.00	0.75
623	Bhilwara	Bhilwara District MG Hospital	0.25	0.00	0.25	0.25	0.51	0.00	2.00	2.25	3.00
624	Bundi	P.B.S.S. General Hospital				0.00	0.00	0.00	0.00	0.00	0.00
625	Chittaurgarh	General Hospital				0.25		0.25	1.25	1.25	1.50
626	Churu	D.B. Govt. Hospital				0.00	0.00	0.00	0.00	0.00	0.00
627	Dausa	Govt. District Hospital				0.00	0.00	0.00	0.00	0.25	0.00
628	Dholpur	DH Dholpur (New 10)							0.75	0.25	0.25
629	Dungarpur	Dungarpur District Hospital	0.00	0.66	0.00	0.00	0.26	0.94	0.45		1.25
630	Ganganagar	Sriganganagar District Hospital	0.25	0.00	2.25	3.00	0.00	0.25	0.50	0.25	0.25
631	Jaipur	Jaipur Zanana Hospital	0.00	0.75	0.00	0.25	0.00	0.25	0.75	1.00	1.00
632	Jaisalmer	Sh. Jawahar Hospital				0.25	0.00	0.00	0.25	0.75	0.00
633	Jalor	Bhandari Sarvajnik Hospital				0.25	0.25	1.00	0.75	0.00	0.50
634	Jhalawar	Jhalawar District Hospital	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
635	Jhunjhunun	B.D.K. Govt. Hospital				0.00	0.00	0.00	0.25	0.00	0.00
636	Jodhpur	Umaid Hospital, Jodhpur Medical College	0.00	0.00	0.00	0.00	0.75	0.25	0.50	0.52	0.25
637	Karauli	Govt. General Hospital				0.00	0.25	0.00	0.25	0.00	0.00
638	Kota	Jay Ka lone Hospital				0.00	0.25	0.00	0.75	0.25	0.00
639	Nagaur	Govt. Hospital				0.75	0.00	0.50	0.51	0.00	0.00
640	Pali	Govt.Vagad Hospital				0.50	0.00	0.25	0.25	0.50	0.00
641	Pratapgarh_RJ	DH Pratapgarh (New 10)							0.25	0.00	0.50
642	Rajsamand	General Hospital				0.50	0.86	0.50	1.25	0.25	0.50
643	Sikar	Shree Kalyan Govt. Hospital				0.25	0.00	0.00	0.00	0.25	0.00
644	Sirohi	Govt. General Hospital				0.50	0.50	0.25	0.50	0.25	0.25
645	Bhilwara	CHC, Jahajpur	0.75								



S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
646	Dungarpur	CHC, Sagwara	0.25								
647	Ganganagar	CHC, Anoopharh	0.44								
648	Jaipur	CHC, Chomu	0.00								
649	Jhalawar	CHC, Khanpur	0.00								
650	Jodhpur	Pipar City	0.00								
651	Bikaner	PBM Hospital (New I2)								0.00	0.00
652	Hanumangarh	MGM Govt. Hospital (New I2)								0.00	0.00
653	Sawai Madhopur	Govt. Gen. Hospital (New I2)								0.00	0.50
654	Tonk	Saadat Hospital Tonk (New I2)								0.00	0.00
655	Udaipur	Pannadhai Govt. Hospital (New I2)								0.50	0.50
656	Pali	CHC Bali (New I2)								0.25	0.00
657	Udaipur	CHC Salumbar (New I2)								0.25	0.00
<b>Sikkim</b>											
658	East	Gangtok STNM Hospital	0.25	0.00	0.25	0.00	0.25	0.00	0.00	0.50	0.25
659	East	Pakyong Primary Health Center	0.00			0.00	0.00	0.00	0.00	0.00	0.00
660	North	Antenatal Clinic, Mangan				0.37	0.00	0.00	0.25	0.25	0.00
661	East	CHC, DH, Simgtam	0.25								
662	South Sikkim	Namchi District Hospital (S) (New I2)								0.00	0.25
<b>Tamil Nadu</b>											
663		xxxxxxxxxxxx		0.00							
664	Chennai	Chennai Institute of Obsetrics & Gynecology	0.00	0.00	0.50	0.25	1.00	0.25	0.00	0.75	0.25
665	Chennai	St. Isabels Hospital		0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.75
666	Coimbatore	Govt. Medical College hospital	0.75	0.50	0.75	1.00	0.75	1.00	1.75	0.50	0.25
667	Coimbatore	Sheila Hospital		0.75	0.25	0.00	0.00	0.00	0.00	0.00	0.00
668	Cuddalore	Government Distt. Hq Hospital	0.25	0.50	0.25	0.00	0.00	0.25	0.50	0.25	0.75
669	Dharmapuri	Govt. Distt. Hq Hospital		1.25	0.75	0.50	0.00	0.25	1.75	1.00	1.75
670	Dindigul	Government Distt. Hq Hospital	1.25	0.75	0.25	0.25	0.75	0.25	0.00	0.25	0.00
671	Erode	Govt. Distt. Hq Hospital	0.00	0.50	1.00	0.75	0.25	1.00	1.00	0.25	0.25
672	Kancheepuram	Govt. Distt. Hq Hospital	0.25	0.00	0.00	0.00	0.00	0.50	0.25	0.00	0.25

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PPI2	PPI5
673	Kanyakumari	Govt. Medical College Hospital, Nagercoil	0.00	1.00	0.00	0.00	0.00	0.00	0.50	1.00	0.00
674	Kanyakumari	Jeyasekaran Hospital, Nagercoil		0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00
675	Karur	Govt. Distt. Hq Hospital	1.00	2.75	2.00	1.25	0.50	1.00	0.25	0.00	0.00
676	Krishnagiri	ANC Krishnagiri	1.50	1.00	1.00	1.00	0.50	0.00	0.75	0.50	0.25
677	Madurai	Govt. Madurai Medical College Rajaji Hospital	0.75	0.25	1.50	0.25	0.00	0.25	0.50	0.25	1.00
678	Nagapattinam	Govt. Distt. Hq Hospital	0.25	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.25
679	Nagapattinam	Arthur Hospital				0.25					
680	Namakkal	Government Dist. HQ Hospital	5.76	2.50	3.50	3.00	3.25	1.00	0.50	1.00	1.00
681	Perambalur	xxxxxxxxxxxxx	1.25								
682	Perambalur	Govt. distt. Hq Hospital	0.50	1.25	1.50	1.00	1.00	1.00	0.00	0.00	0.00
683	Pudukkottai	Government Distt. Hq Hospital, Pudukkottai	2.00	0.75	0.75	1.00	1.25	0.75	0.25	0.50	0.00
684	Ramanathapuram	Govt. Distt. Hq Hospital	0.50	0.75	0.00	0.25	1.00	3.25	0.00	0.00	0.50
685	Salem	Govt. Mohan Kumarmangalam Med. College Hospital	0.25	2.00	0.75	3.00	4.25	1.00	2.00	0.25	1.00
686	Sivaganga	Govt. Distt. Hq Hospital	0.25	0.75	0.50	0.50	0.25	0.50	0.75	0.25	0.25
687	Thanjavur	Govt. Distt. Hq Hospital, Kumbakonam	3.25	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
688	The Nilgiris	Govt. Distt. Hq Hospital, Ooty	0.25	0.50	1.00	0.50	0.25	0.75	0.00	0.00	0.25
689	Theni	Govt. Distt. Hq Hospital, Periyakulam	1.00	1.50	0.50	1.75	0.50	0.50	0.75	0.00	0.00
690	Thiruvallur	Govt. Distt. Hq Hospital	0.50	0.50	0.50	1.25	0.00	0.25	0.00	0.00	0.00
691	Thiruvarur	Govt. Distt. Hq Hospital	0.50	0.25	0.00	0.00	0.00	0.50	0.00	1.26	0.25
692	Thoothukkudi	Govt. Medical College Hospital	0.77	0.50	0.00	0.25	0.25	0.75	0.00	0.25	0.25
693	Tiruchirapalli	Govt. Medical College Hospital	1.50	1.25	1.50	2.50	2.25	1.00	1.25	1.50	0.25
694	Tiruchirapalli	CSI Hospital		0.50	0.25	0.25	0.00	0.00	0.75	0.00	0.00
695	Tirunelveli	Govt. Medical College Hospital	2.25	0.25	0.75	0.25	0.00	0.00	0.25	0.75	1.00
696	Tiruvannamalai	Govt. distt. Hq. Hospital	1.25	1.50	1.25	0.50	2.00	0.25	0.00	0.50	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
697	Vellore	Vellore Government Hospital	1.25	0.75	0.25	0.00	1.00	0.75	1.25	0.75	0.50
698	Villupuram	Dist. Hq Hospital	1.00	0.50	0.50	0.25	0.25	0.00	0.50	0.00	0.50
699	Virudhunagar	Govt. Distt. Hq Hospital	0.00	0.25	1.00	0.00	1.00	0.25	0.00	0.25	0.00
700	Chennai	Chennai RSRM Hospital ANC 15-24			0.5				0.54	0.50	0.00
701	Coimbatore	Coimbatore ANC 15-24			1				1.75	0.00	0.50
702	Dharmapuri	Dharmapuri ANC 15-24			0.75				0.25	0.25	0.25
703	Tiruchirappalli	Tiruchirapaally ANC 15-24			1.25				0.50	1.00	0.50
704	Tirunelveli	Tirunelveli ANC 15-24			0.25				0.75	0.00	0.50
705	Coimbatore	Sheila Hospital									
706	Coimbatore	GH, Pollachi	0.50	0.75	0.00	0.75	0.00	0.00	0.25	0.25	0.00
707	Cuddalore	GH, Panruti	1.00	1.00	1.00	0.00	0.50	0.00	0.00	0.00	0.00
708	Dharmapuri	FRU Harur		0.50	0.25	0.25	0.75	0.25	0.75	0.50	0.50
709	Dindigul	GH, Palani	0.25	0.75	0.75	0.50	0.00	0.25	0.50	0.25	0.25
710	Erode	GH, Gobichettipalayam	0.25	0.50	0.25	0.75	0.50	0.00	0.00	3.00	0.25
711	Kancheepuram	GH, Maduranthagam	0.25	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
712	Kanyakumari	Govt. Hospital Padmanabapuram		0.50	0.00	0.25	0.50	0.00	0.00	0.27	0.25
713	Karur	GH, Kulithali	0.50	3.25	0.25	0.50	0.25	1.00	0.25	0.00	0.00
714	Krishnagiri	ANC FRU Hosur (Krishnagiri)	1.25	0.58	0.50	1.25	1.75	0.00	0.75	0.25	0.75
715	Madurai	GH, Melur	1.26	3.70	1.00	0.25	0.00	0.75	0.25	0.25	0.25
716	Nagapattinam	Arthur Hospital			0.00						
717	Nagapattinam	Govt. Hospital, Mayiladuthurai		0.50	0.00	0.50	0.25	0.00	0.00	0.00	0.00
718	Namakkal	GH, Tiruchengode	0.50	0.75	0.00	0.50	0.75	0.25	1.00	0.50	0.00
719	Perambalur	GH, Ariyalur	1.28	1.00	0.00	0.50	0.75	0.00	0.25	0.25	0.00
720	Pudukkottai	GH, Aranthangi	0.00	0.50	0.50	0.50	0.00	0.00	0.00	0.50	0.25
721	Ramanathapuram	GH, Paramakudi	0.50	0.50	1.00	0.00	1.00	0.00	0.00	0.00	0.00
722	Salem	GH, Attur	0.50	1.25	0.50	1.50	0.25	0.00	1.00	2.76	0.50
723	Sivaganga	Govt. Hospital, Karaikudi		1.75	0.00	0.50	1.00	1.00	0.00	0.00	0.50
724	Thanjavur	GH, Pattukkottai	0.50	0.50	0.00	0.75	0.25	0.00	0.00	0.00	0.00
725	The Nilgiris	GH, Coonoor	0.25	0.75	0.50	0.25	0.25	0.00	0.00	0.00	0.50
726	Theni	GH, Cumbum	1.50	1.25	0.75	0.50	2.00	0.00	0.25	0.00	0.00
727	Thiruvallur	GH, Thiruthani	0.50	1.00	0.50	0.25	0.50	1.00	0.50	0.00	0.00
728	Thiruvarur	Govt. Hospital, Mannargudi		0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
729	Thoothukkudi	GH, Kovilpatti	0.75	1.00	0.25	0.25	0.50	0.00	0.25	0.00	0.00
730	Tiruchirappalli	GH, Manapparai	0.75	0.50	0.50	1.25	0.25	0.25	0.25	0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PP12	PP15
731	Tirunelveli	GH,Ambasamudram	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.50	0.00
732	Tiruvannamalai	Govt. Hospital Vandawasi		1.25	0.50	0.25	0.00	0.00	0.00	0.00	0.00
733	Vellore	GH,Vaniambadi	0.51	0.50	1.50	0.25	0.75	0.00	0.25	0.25	0.50
734	Villupuram	Dist. Hospital, Kallakurichi	1.00	0.25	0.50	0.25	0.50	0.00	0.25	0.75	1.00
735	Virudhunagar	GH, Rajapalayam	0.00	0.25	0.00	0.25	0.25	0.00	0.00	0.00	0.00
736	Ariyalur	PHC,Andimadam (New I2)								0.25	0.25
737	Perambalur	PHC, Labbaikudikadu (New I2)								0.00	0.00
738	Tiruppur	Govt HQ hosp. Tiruppur (New I2)								0.50	0.25
739	Tiruppur	GH, Udumalaipattai (New I2)								0.00	0.00
740	Ariyalur		1.25								
741	Tiruvannamalai	Vasantha Nursing Home		0							
<b>Telangana</b>											
742	Adilabad	Adilabad Distt. HQ. Hospital	0.75	0.75	1.75	0.50	1.50	1.75	0.50	0.25	0.5
743	Adilabad	FI ICTC - PPP - Balaji Nursing Home, Kagaj Nagar (ANC-Pvt)-New I0							1.25	0.00	0
744	Hyderabad	Hyderabad Gandhi Medical College	1.00	0.75	2.00	2.00	1.50	1.50	1.25	0.75	1.25
745	Hyderabad	St. Theresa Hospital (New 07)					1.00	0.75	0.25	0.00	0.75
746	Karimnagar	Karimnagar Distt. Hospital	2.00	3.50	2.25	0.50	1.00	1.50	1.50	1.25	0.50
747	Khammam	Area Hospital, Kothagudem	1.50	2.00	3.50	2.75	2.25	1.50	1.00	0.75	0.75
748	Mahbubnagar	Mehboobnagar Distt. Hospital	0.25	0.75	0.25	3.02	0.75	1.75	1.50	1.75	0.25
749	Medak	Sangareddy Distt. Hospital	0.50	1.00	2.00	2.00	0.25	2.25	0.75	0.25	0.25
750	Nalgonda	Nalgonda Distt. Hospital	1.50	2.25	2.75	2.00	0.75	1.50	1.00	0.50	0.75
751	Nizamabad	Nizamabad Distt. Hospital	1.00	2.25	0.75	0.50	0.75	0.25	1.00	0.25	0.00
752	Rangareddy	Rangareddy Distt. Hospital	0.50	0.50	1.75	1.25	0.50	0.50	0.50	0.50	0.75
753	Warangal	GMH, Hanumakonda	1.50	2.50	2.50	0.75	0.50	1.00	1.00	1.00	1.00
754	Hyderabad	Hyderabad ANC 15-24			1.75						
755	Adilabad	Area Hospital, Mancherial	1.50	0.25	1.00	0.25	1.75	1.00	0.75	0.25	0.25
756	Adilabad	CHC Utnoor (ANC-PHC/CHC)-New I0							0.00	0.00	0.00
757	Karimnagar	Area Hospital, Jagtial	2.01	1.50	0.57	1.50	2.00	1.50	1.75	2.25	0.50

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
758	Karimnagar	CHC – Peddapalli (ANC-PHC/CHC)-New I0							0.50	0.25	0.25
759	Khammam	Area Hospital, Bhadrachalam		2.00	2.25	1.01	0.25	1.00	0.75	0.75	0.50
760	Khammam	PHC, Julurupadu					0.00	0.75	0.28		0.00
761	Mahbubnagar	Area Hospital, Gadwal	0.50	0.75	0.25	0.75	0.00	0.50	0.50	1.00	0.00
762	Medak	CHC, Narsapur	0.00	0.50	0.72	1.50	1.50	1.00	0.75	0.25	0.00
763	Medak	CHC – Narayankhed (ANC-PHC/CHC)-New I0							0.75	0.50	0.00
764	Nalgonda	Area Hospital, Bhongir	0.75	0.75	1.00	1.00	1.00	1.25	0.25	0.00	0.25
765	Nizamabad	Area Hospital, Kamareddy	1.00	1.75	2.50	3.00	1.26	0.75	0.50	1.00	0.00
766	Nizamabad	PHC Nizamabad/CHC, Madnoor					0.25	0.50	1.25	0.25	0.25
767	Warangal	Area Hospital, Jangaon	1.00	1.25	0.75	0.25	0.25	0.75	0.75	0.50	1.00
<b>Tripura</b>											
768	West Tripura	Agartala IGM Hospital	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.25	0.25
769	West Tripura	A.G.M.C. & GBP Hospital				0.97	0.50	0.00	0.00	0.50	0.00
770	North Tripura	Dharmanagar S.D. Hospital (New I2)								0.00	0.50
771	South Tripura	Belonia S.D. Hospital (New I2)								0.00	0.00
772	Gomoti	TS Hospital, Gomoti (New I5)									
773	Khowai	Teliamura RH, Khowai (New I5)									
774	Unokoti	Kumarghat RH, Unokoti (New I5)									
<b>Uttar Pradesh</b>											
775	Aligarh	Aligarh Mahila Hospital	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.29	0.30
776	Ambedkar Nagar	District Mehila Hospital				0.00	0.00	0.00	0.50	0.00	1.00
777	Auraiya	District Mehila Hospital				0.36	0.00	0.50	0.00	0.00	0.00
778	Baghpat	District Mehila Hospital				0.33	0.00	0.00	0.25	0.00	0.75
779	Bahraich	Bahraich Mahila Hospital	0.00	0.50	0.37	0.75	0.75	0.00		0.00	0.00
780	Ballia	Balia Mahila Hospital	0.00	0.53	0.00	0.00	0.25	0.27	0.75	1.26	0.25
781	Banda	Banda Mahila Hospital	0.00	1.75	0.00	0.00	0.00	0.75	0.00	0.25	0.25

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PPI2	PPI5
782	Barabanki	Barabanki Mahila Hospital	0.00	0.75	0.00	0.50	0.00	0.00	0.00	0.00	0.00
783	Bareilly	Clara Swain Hospital				0.00	0.00				
784	Basti	DMH Basti (New I0)								0.00	0.50
785	Bijnor	xxxxxxxxxx	0.00								
786	Bijnor	Bijnore Mahila Hospital	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
787	Bulandshahr	District Mehila Hospital				0.25	0.00	0.25	0.25	0.00	0.50
788	Chandauli	District Mehila Hospital				0.78	0.00		0.50	0.25	0.25
789	Chitrakoot	District Mehila Hospital				0.00	0.00	1.45	0.50	0.25	0.00
790	Deoria	District Mehila Hospital				1.25	0.00	0.00	0.00	1.00	0.75
791	Etah	District Mehila Hospital				0.25	0.00	0.25	0.00	0.00	0.25
792	Etawah	Etawah Mahila Hospital	0.00	1.25	0.25	0.00	0.00	0.25	0.25	0.00	0.25
793	Faizabad	District Mehila Hospital				0.50	0.25	0.00	0.25	0.50	0.00
794	Fatehpur	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.00
795	Firozabad	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.50
796	Gautam Buddha Nagar	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.00
797	Gorakhpur	Gorakhpur Mahila Hospital	0.00	0.75	0.00	0.25	0.00	0.00	0.75	0.25	0.25
798	Hathras	District Mehila Hospital				0.25	0.00	0.50	0.00	0.00	0.00
799	Jalaun	District Mehila Hospital				0.00	0.00	0.00	0.25	0.50	0.00
800	Jaunpur	Jaunpur Mahila Hospital	0.25	0.25	0.00	0.25	0.25	0.00	0.50	0.00	0.00
801	Jyotiba Phule Nagar	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.00
802	Kannauj	District Mehila Hospital				0.00	0.31	0.00	0.75	0.00	0.25
803	Kanpur Dehat	District Mehila Hospital				0.25	0.00	0.25	0.50	0.25	0.50
804	Kanpur Nagar	Kanpur Medical College	0.25	0.25	0.25	0.25	0.25	0.50	0.00	0.00	0.00
805	Kanpur Nagar	DMH Kanpur (New I0)							0.00	0.00	0.00
806	Kaushambi	District Mehila Hospital				3.39		0.00	0.00	1.00	0.00
807	Lalitpur	Lalitpur Mahila Hospital	1.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
808	Lucknow	Lucknow Queens Mary Hospital	0.00	0.50	0.25	0.50	0.25	0.00	0.00	0.75	0.25
809	Lucknow	DMH Lucknow (VAB) (New I0)							0.00	0.00	0.00
810	Mahoba	District Mehila Hospital				0.00	0.00	0.00	0.00	0.25	0.25
811	Mainpuri	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.00
812	Mathura	District Mehila Hospital				0.75	0.00	0.00	0.25	0.00	0.75
813	Mathura	Ramkrishna Mission Hospital,Vrandavan				0.50	0.25	0.00	0.25		
814	Mau	District Mehila Hospital				1.46	0.86	0.50	0.00	0.50	1.26
815	Meerut	Meerut Mahila Hospital				0.00	0.00	0.50	0.25	0.00	0.00
817	Mirzapur	Mirzapur Mahila Hospital	0.75	0.00	0.25	0.00	0.00	0.00	0.50	0.50	0.25
818	Moradabad	Vivekanand Hospital & Research Centre				0.00	0.00				
819	Pilibhit	Pilibhit Mahila Hospital	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	0.25
820	Pratapgarh	Partapgarh Mahila Hospital	0.50	0.00	0.50	0.00	0.00	0.25	0.00	0.00	0.50
821	Rae Bareli	Raebareli			0.00	0.25	0.00	0.00	0.00	0.00	0.00
822	Rampur	District Mehila Hospital				0.00	0.00	0.00	0.00	0.25	0.00
823	Saharanpur	Saharanpur Mahila Hospital	0.50	0.25	0.50	0.00	0.25	0.25	0.25	0.25	0.00
824	Sant Kabir Nagar	District Mehila Hospital				0.00	0.00				
825	Sant Ravidas Nagar	District Mahila Hospital									
826	Sant Ravidas Nagar	DFH Bhadohi (Maharaj Chetsingh)							0.00	0.00	0.00
827	Shahjahanpur	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.00
828	Siddharthnagar	Sidharth									
829	Sitapur	District Mehila Hospital				0.00	0.00	0.00	0.00	0.00	0.00
830	Sultanpur	CHC Amethi									
831	Aligarh	Aligarh Mahila Hospital	0.00								
832	Allahabad	CHC Handia	0.00			1.50	0.50	0.53	0.00	0.00	0.50
833	Azamgarh	Azamgarh Rural Composite (New I0)							0.25	0.25	0.53
834	Bahraich	CHC, Nanpara	0.00			0.00	0.00				
835	Ballia	CHC Sikandarpur	0.00			0.00					
836	Barabanki	CHC, Haidergarh	0.00			0.00	2.63				

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PPI2	PPI5
837	Bijnor	Nzibabad/Najibabad CHC Hospital			0.00	0.00	0.00	0.00	0.00	0.25	0.51
838	Budaun	CHC,UJHANI				0.00	0.00	0.00	0.00	0.00	0.00
839	Ghazipur	Ghazipur Rural Composite (New I0)							0.00	0.00	0.00
840	Gonda	CHC, Mankapur				0.95	0.30				
841	Gorakhpur	CHC, Pipriach	2.90			0.00	0.00	0.30			
842	Hardoi	CHC, Sandila				0.00		0.00	0.00	0.51	0.00
843	Jaunpur	CHC Madiyaon	4.26			0.00	0.00	0.00	0.51	0.00	
844	Jaunpur	Jaunpur Rural Composite I (New I0)							1.78	0.32	0.00
845	Jaunpur	Jaunpur Rural Composite 2 (New I0)							0.25	0.25	0.00
846	Jhansi	CHC, MLBMC, Jhansi, Lalitpur	0.00								
847	Kanpur Dehat	CH, Bidhnoo, Kanpur	0.30								
848	Kushinagar	Kushinagar Rural Composite (New I0)							0.00	0.00	0.50
849	Lucknow	CHC, Mohanlalganj	0.00			0.00	0.00	1.02	0.75	0.00	0.00
850	Maharajganj	Maharajganj Rural Composite (New I0)							0.00	0.50	0.75
851	Mau	Mau Rural Composite (New I0)							0.57	0.25	0.00
852	Mirzapur	CHC, IMS, Mirzapur	0.00								
853	Muzaffar Nagar	CHC Shamli									
854	Pilibhit	CHC, KGMU, Puranpur, Pilibhit	0.00								
855	Pratapgarh	CHC, Kunda				0.00					
856	Pratapgarh	CHC Patti	0.00			0.00	0.00	0.75	0.50	0.00	0.00
857	Rae Bareli	CHC,Bachrawa				0.00	0.00	0.25	0.00	0.50	0.00
858	Sonbhadra	CHC, Robertganj				0.00	0.49	0.00	0.51	0.00	0.00
859	Varanasi	Varanasi Rural Composite (New I0)							0.25	0.00	0.00
860	Shamli	CHC, Shamli					0.00		0.00	0.25	0.25
<b>Uttarakhand</b>											
861	Champawat	CHC, Lohaghat Champawat				0.25	0.00	0.25	0.00	0.25	0.00
862	Dehradun	Combine Hospital, Rishikesh				0.00	0.00	0.00	0.50	0.25	0.00
863	Garhwal (Pauri)	Combine Hospital, Kotdwar				0.00	0.00	0.00	0.00	0.00	0.00
864	Hardwar	Haridwar Mahila Hospital	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.25	0.00
865	Hardwar	Combine Hospital, Roorkee				0.00	0.00	0.25	0.25	0.50	0.00
866	Nainital	Haldwani Mahila Hospital	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00



S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PP10	PP12	PP15
867	Nainital	Combine Hospital, Ramnagar				0.00	0.00	0.00	0.74	0.00	0.00
868	Pithoragarh	Pithoragarh Mahila Hospital	0.00	0.00	0.00	0.00	0.00	0.75	0.00		0.00
869	Udham Singh Nagar	Distt. (Female) Hospital, Rudrapur, U.S. Nagar				0.50	0.50	0.75	0.50	0.00	0.00
870	Hardwar	CHC, Roorkee, Haridwar	0.00								
871	Nainital	CHC, Ramnagar/BD Pandey, Haldwani	0.30								
872	Pithoragarh	CHC, Didihat, Pithoragarh	0.00								
873	Almora	District Female Hospital, Almora (New I2)								0.00	0.00
874	Bageshwar	District Hospital, Bageshwar (New I2)								0.00	0.00
875	Dehradun	Doon Women Hospital, Dehradun (New I2)								1.00	0.25
876	Rudraprayag	District Hospital, Rudraprayag (New I2)								0.00	0.25
877	Tehri Garhwal	District Hospital, Bauradi (New I2)								0.81	0.00
878	Uttarkashi	District Hospital, Uttarkashi (New I2)								0.51	1.25
<b>West Bengal</b>											
879	Bankura	Bishnupur Sub Divisional Hospital (New 08)						0.00	0.26		0.00
880	Bardhaman	Durgapur SD Hospital	0.50	1.00	1.25	0.25	0.75	0.26	0.00	0.75	0.75
881	Dakshin Dinajpur	Gangarampur Sub Divisional Hosp. (New 08)						0.26	0.00	0.00	0.00
882	Darjiling	Darjeeling District Hospital	0.25	0.50	0.84						
883	Darjiling	Kalimpong SDH (New 07)					2.00	0.00	0.00	0.25	0.00
884	Haora	Uluberia Sub Divisional Hospital (New 08)						0.50	0.00	0.00	0.00
885	Jalpaiguri	Alipur Duar Sub Divisional Hospital (New 08)									
886	Coochbehar	Coochbehar MJN Hospital		0.00	0.26						
887	Kolkata	RGKMCH Kolkata	0.50								
888	Kolkata	Abinash Dutta Maternity Home	0.75	1.25	2.25	1.76	1.50	0.00	0.75	0.25	0.00
889	Maldah	Malda District Hospital	0.00	0.00	0.25						
890	Murshidabad	Murshida									

S.No.	District_name	Site Name	PP-03	PP04	PP05	PP06	PP07	PP08	PPI0	PPI2	PPI5
891	Nadia	Nabadwip State General Hospital (New 08)						0.00	0.00	0.00	0.00
892	Nadia	Aranghata BPHC (New 10)							0.00	1.25	0.00
893	Paschim Medinipur	Kharagpur SDH (New 08)						0.50	0.00	0.00	0.25
894	Purba Medinipur	Midnapur Tamluk District Hospital	0.75	0.00	0.00						
895	Puruliya	Puruliya District Hospital	0.00	0.50	1.50						
896	South Twenty Four Parganas	Bijaygarh State Hospital		0.65	2.25	0.00					
897	Uttar Dinajpur	Uttar Dinajpur Raiganj Hospital	0.74	0.00	0.49						
898	Barddhaman	CHC, Mankar, Burdwan	1.23								
899	Barddhaman	CHC, Panagarh, Burdwan	0.58								
900	Birbhum	Suri DH				0.00		0.00	0.25	0.00	0.00
901	Darjiling	CHC, Kurseong, Darjeeling	0.28								
902	Darjiling	CHC, SDH, Siliguri	0.25			0.00	0.50	0.75	0.00	0.50	0.00
903	Hugli	Khanakul Rural Hospital (New 08)						0.25	0.25	0.25	0.00
904	Coochbehar	Mathabhanga SDH				0.00	0.25	0.55	0.00		
905	Kolkata	Bidya Sagar SDH (New 07)					0.00	0.00	0.00	0.00	0.00
906	Maldah	CHC, Manikchak Milki	0.66			0.00	0.00	0.50	0.00	0.00	0.00
907	Murshidabad	Jangipur Sub Divisional Hospital (New 08)						0.00	0.25	0.00	0.00
908	North Twenty Four Parganas	CHC, Madhyamgram	0.25			0.25	0.00	0.51	0.00	0.00	0.50
909	Paschim Medinipur	Contai Sub Division Hospital				0.00					
910	Purba Medinipur	CHC, Mahishadal Basulia	0.56			0.00	0.00				
911	Purba Medinipur	Egra SDH (New 07)					0.00	0.00	0.25	0.25	0.50
912	Puruliya	CHC, Raghunathpur	0.75			0.25	0.00	0.00	0.00	0.00	0.00
913	South Twenty Four Parganas	CHC, Baruipur	0.25			0.00	0.00	0.00	0.00	0.00	0.00
914	Uttar Dinajpur	CHC, Kaliaganj	0.50			2.25	0.00	0.00	0.00	0.00	0.00
915	Jalpaiguri	DH Jalpaiguri (New 15)									0.00
916	Coochbehar	Mekhligaunj SDH (New 15)									
917	Bankura	Ranibandh BPHC (New 15)									
918	Coochbehar	District Hospital Coochbehar (New 15)									0.50
919	Alipurduar	Alipur Duar Sub Divisional Hosp. (New 08)						0.25	0.00	0.25	0.00

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158. Dr. Manish Kumar, Team Leader, TSU, Karnataka SACS
159. Dr. Vandana Patankar, Project Director, Goa SACS
160. Mr Durga Prasad, M&E Officer, HSS Focal Person, Goa SACS
161. Mr. Ramesh Rathod, Asst. Director (TI), Goa SACS
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