



Department of AIDS Control

Ministry of Health and Family Welfare
Government of India

State HIV Epidemic Fact Sheets



India's voice against AIDS

Department of AIDS Control

Ministry of Health & Family Welfare, Government of India
www.naco.gov.in



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July 2014



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Contents

Acronyms	6
National Scenario	7
India	10
Andaman & Nicobar Islands	16
Andhra Pradesh	18
Arunachal Pradesh	20
Assam	22
Bihar	24
Chandigarh	26
Chhattisgarh	28
Dadra & Nagar Haveli	30
Daman & Diu	32
Delhi	34
Goa	36
Gujarat	38
Haryana	40
Himachal Pradesh	42
Jammu & Kashmir	44
Jharkhand	46
Karnataka	48
Kerala	50
Madhya Pradesh	52
Maharashtra	54
Manipur	56
Meghalaya	58
Mizoram	60
Nagaland	62
Odisha	64
Puducherry	66
Punjab	68
Rajasthan	70
Sikkim	72
Tamil Nadu	74
Tripura	76
Uttar Pradesh	78
Uttarakhand	80
West Bengal	82



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FOREWORD

With roll-out of the fourth phase of the National AIDS Control Programme (NACP) in India for reducing new HIV infections and mitigating its impact, strong focus continues to be given to generating evidence-based and evidence-driven strategic plans for effective and efficient resource allocation. The HIV Sentinel Surveillance (HSS) data and HIV Estimates are key information sources to identify priority areas for focused intervention efforts under the programme.

India has the largest and one of the best HIV surveillance systems in the world. HIV Sentinel Surveillance in India is done periodically for antenatal clinic attendees and high risk groups, through a continually expanding network extending across the States with focus on improving sample collection and processing, quality of data collection and management as well as improvised monitoring and supervision. For high risk groups and bridge populations the National Integrated Biological and Behavioural Surveillance is being initiated in the country, as a strategic shift to strengthen surveillance among these groups; the results of which would be available soon.

The HIV Estimates make use of the most comprehensive sets of epidemiological and demographic data inputs available through the latest round of HSS, India Census and other datasets. The latest tools and methods recommended by the Global Reference Group on Estimations, Projections and Modelling are adopted and customised to the Indian context.

Data from consistent sites of the HSS 2012-13 have been analysed and compared with previous rounds of surveillance, to interpret HIV trends. The 2012 HIV Estimates provided information on the key indicators like HIV prevalence, new infections, AIDS-related deaths, need for ART and PPTCT at the national and State levels. According to the latest HSS and HIV Estimates, declining trend has been noted in States where HIV prevalence was high and interventions were started earlier in the epidemic; however, emerging pockets of rising prevalence are being observed in some low prevalence States.

I congratulate the efforts made by the State AIDS Control Societies, Regional Institutes, and Central/State Surveillance Team members involved in the process of HSS, that of the National/Regional working Groups and National/International experts involved in generating the HIV Estimates, and also the India Technical Resource Group on Surveillance and Estimations. The support provided by partner agencies like CDC, FHI360, WHO, UNAIDS, National Institute of Medical Statistics in HSS and HIV Estimations is highly valued and appreciated. I commend Dr S.Venkatesh, DDG (M&E), and Dr Yujwal Raj, NPO (SI) and other officers of the Strategic Information Management Unit for analysing the data, coordinating the process and finalizing the State HIV Epidemic factsheets.

The State HIV Epidemic Factsheet highlights the key findings of HIV Sentinel Surveillance for the period 2003 to 2012-13 and 2012 HIV Estimates of the period 2007 to 2011 for national and State levels. This document would be of utmost importance for decentralized evidence based programme planning and implementation, for prioritization of programme resources, advocacy efforts and evaluation of programme impact. The national and state M&E officers, epidemiologists, programme managers, researchers, academicians and other stakeholders would gain immensely from the information given in this technical document.

Dr V K Subburaj

Acronyms

AIDS	Acquired Immuno-deficiency Syndrome
ANC	Antenatal Clinic
ART	Anti-Retroviral Treatment
CD4	Cluster of Differentiation 4
CLHIV	Children Living with HIV/AIDS
DBS	Dried Blood Spot
FSW	Female Sex Workers
HIV	Human Immunodeficiency Virus
HRG	High Risk Groups
HSS	HIV Sentinel Surveillance
ICTC	Integrated Counseling and Testing Centre
IDU	Injecting Drug Users
LDT	Long Distance Trucker
MSM	Men who have Sex with Men
NACO	National AIDS Control Organisation
NACP	National AIDS Control Programme
PLHIV	People Living with HIV/AIDS
PPTCT	Prevention of Parent to Child Transmission
RTI	Reproductive Tract Infections
SLN	State Level Network of HIV Positive Persons
SMM	Single Male Migrant
STI	Sexually Transmitted Infections
STD	Sexually Transmitted Diseases
TI	Targeted Intervention
TG	Transgender

Introduction

HIV Sentinel Surveillance (HSS) and HIV estimations are the two most important strategic information activities that generate evidence on the epidemic's patterns. By measuring and analysing the state of HIV epidemic in the country, HIV Sentinel Surveillance data and HIV estimates provide policy makers and programme managers key markers on the epidemic for use in planning, programming, resource allocation and advocacy efforts at national and decentralised levels. They, thus, have remained a core function of the Department of AIDS Control and continue to play a central role in guiding India's AIDS response.

HIV Sentinel Surveillance

HIV Sentinel Surveillance (HSS) is a vital component of second generation surveillance system to monitor the levels and trends of HIV epidemic among different population groups in the country. Data from HSS is also used for estimation of HIV burden in the country. It is implemented with the support of two national institutes and six regional public health institutes of India. The methodology adopted is consecutive sampling with unlinked anonymous testing in Ante-natal Clinic (ANC) and Sexually Transmitted Infection (STI) clinics, while the random sampling method and voluntary unlinked anonymous testing is adopted at High Risk Group (HRG) sites.

HSS 2010-11 was conducted at 1,359 sentinel sites – 696 ANC sites, 184 STD sites and 479 sites among high risk groups (Female Sex Workers-FSW, Men who have Sex with Men-MSM, Transgender-TG & Injecting Drug Users-IDUs) and bridge population (Single Male Migrants-SMM & Long Distance Truckers-LDT). A total of 4,27,559 blood samples were collected and tested during HSS 2010-11. HIV prevalence among different population groups in 2010-11 shows that HIV is concentrated among HRGs – Transgender (8.82%), IDUs (7.14%), MSM (4.43%) and FSWs (2.67%) while HIV prevalence among ANC attendees, considered proxy for general population, is low at 0.40%. Bridge population groups have HIV prevalence of 0.99% among migrants and 2.59% among truckers.

Analysis of consistent sites shows that the trend of HIV prevalence at national level is declining among general population, FSW & MSM, while it is stable among IDU. Data is inadequate to interpret the trends among TG, migrants and truckers.

HSS 2012-13 was conducted at 763 sites, including 750 Antenatal clinics (ANC) Surveillance Sites, covering 556 districts across 34 States and Union Territories in the country. For High Risk Groups (HRGs) and Bridge Populations, a Nationwide Integrated Biological and Behavioral Surveillance (IBBS) is being carried out as a strategic shift to strengthen the surveillance system among these groups.

The overall HIV prevalence among ANC attendees, continues to be low at 0.35% (90% CI: 0.33%-0.37%). The highest prevalence was recorded in Nagaland (0.88%), followed by Mizoram (0.68%), Manipur (0.64%), Andhra Pradesh (0.59%) and Karnataka (0.53%). Chhattisgarh (0.51%), Gujarat (0.50%), Maharashtra (0.40%), Delhi (0.40%) and Punjab (0.37%) are other states which recorded HIV prevalence of more than the national average. Bihar (0.33%), Rajasthan (0.32%) and Odisha (0.31%) recorded HIV prevalence slightly lower than the country average.

HIV Sentinel sites: These are sites from where surveillance data is collected; they are usually from ANC, ICTC/PPTCT and for HRG targeted intervention sites.

Sampling is done at selected sentinel sites for a period of three months. At ANC and STD sites, strategy adopted is unlinked anonymous and some additional variables are collected with the specimen. Pregnant women attending antenatal clinics are taken as proxy for general population. Consecutive pregnant women aged 15- 49 years attending the designated antenatal sites who meet the inclusion criteria are included. A portion of venous samples collected for routine testing at the ANC is separated for HIV testing after removing all the personal identifiers. Women are enrolled till the sample size of 400 is reached or until the end of the surveillance period, whichever is earlier.

Individuals from high risk groups - IDU, FSW, MSM, Single Male Migrants and Truckers - are sampled at service points, for example, de-addiction centre, drop-in centres, NGO clinics until the sample size of 250 is reached or until the end of the surveillance period, whichever is earlier. Strategy adopted is unlinked anonymous with informed consent. At the HRG sites, Dried Blood Spot (DBS) method of sample collection has been introduced

Two test protocol is adopted for determining the positivity. The samples from ANC and STD sites are tested at designated testing laboratories in the respective state. There is a well-defined system of External Quality Assurance Scheme (EQAS) for laboratory testing. Ten National Reference Laboratories are the nodal laboratories for EQAS where all positive samples and five percent of negative samples randomly selected from all the testing labs are retested for quality assurance. DBS samples from HRG sites are tested at eleven laboratories designated and trained for DBS testing. National AIDS Research Institute, Pune provides quality control for the testing of DBS samples.

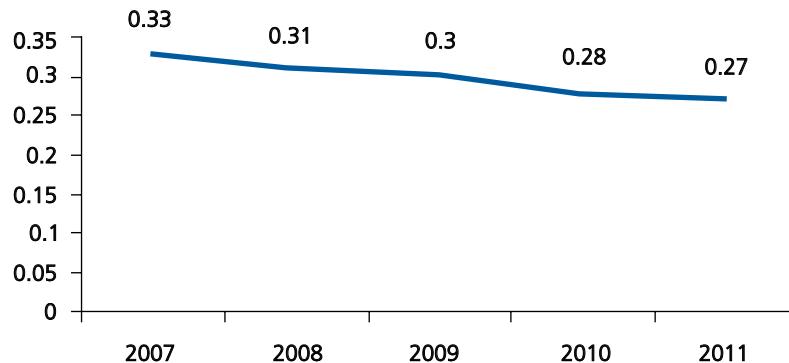
The various HIV Sentinel Surveillance indicators descriptions given as follows:

- HIV prevalence among Antenatal clinic attendees: Proportion of total ANC attendees found positive out of total tested at Antenatal clinic.
- HIV prevalence among Female Sex Workers: Proportion of total FSWs found positive out of total tested at NGO clinic, drop-in centres.
- HIV prevalence among Men having sex with Men: Proportion of total MSMs found positive out of total tested at NGO clinic, drop-in centres.
- HIV prevalence among Transgender: Proportion of total TGs found positive out of total tested at NGO clinic, drop-in centres.
- HIV prevalence among Injecting drug users: Proportion of total IDUs found positive out of total tested at NGO clinic, drop-in centres, deaddiction centres.
- HIV prevalence among Single male migrants: Proportion of total SMMs found positive out of total tested at NGO clinic, drop-in centres.
- HIV prevalence among Long distanceTruckers: Proportion of total LDTs found positive out of total tested at NGO clinic, drop-in centres.

HIV Estimation:

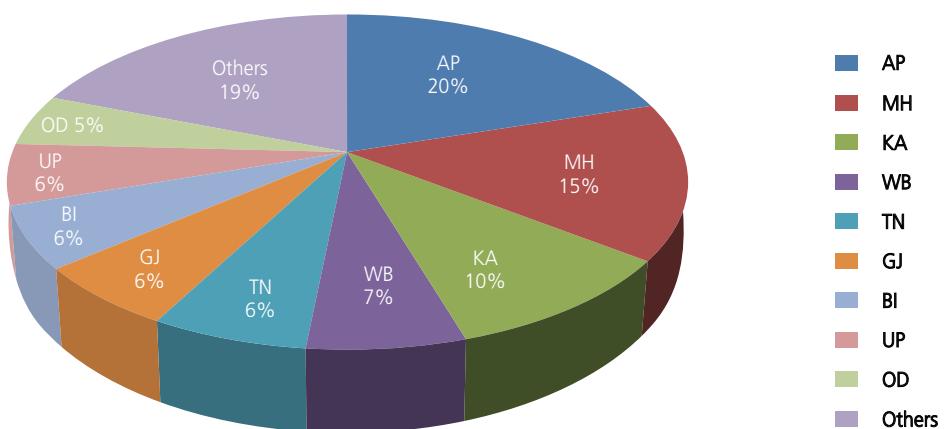
The adult HIV prevalence at national level has continued its steady decline from estimated level of 0.41% in 2001 through 0.35% in 2006 to 0.27% in 2011. Consistent declines have been noted among both men and women at national level.

Estimated Adult HIV Prevalence (%) in India, 2007-11



Total PLHIV in India is estimated at 20.88 lakh(17.20 lakh-25.30 lakh) in 2011, of whom children (<15 years) account for 7% (1.45 lakh) of all infections. Of all HIV infections, 39% (8.16 lakh) are among women.

Statewise distribution of estimated PLHIV proportion in 2011



India is estimated to have around 1.16 lakh (0.72–1.99 lakh) annual new HIV infections among adults (15 years and above) around 14,500 (10,974–19,346) new HIV infections among children (<15 years) in 2011.

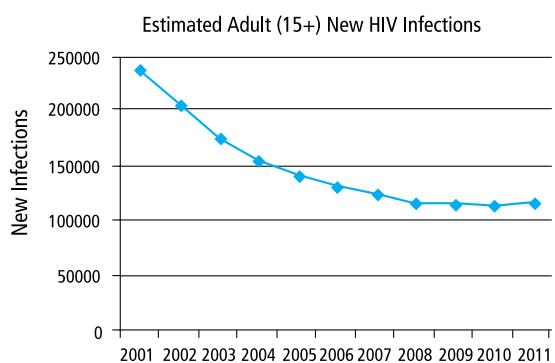
India has demonstrated an overall reduction of 57% in estimated annual new HIV infections (among adult population) during the last decade from 2.74 lakhs in 2000 to 1.16 lakhs in 2011. This is one of the most important evidences of the impact of the various interventions and scaled-up prevention strategies under National AIDS Control Programme. Major contribution to this reduction comes from the high prevalence states where a reduction of 76% has been noted during the same period.

Using globally accepted methodologies and updated evidence on survival on HIV with and without treatment, it is estimated that about 1.48 lakh (1.14 lakhs-1.78 lakhs) people died of AIDS related causes in 2011 in India. Deaths among HIV infected children account for 7% of all AIDS-related deaths.

Wider access to ART has led to 29% reduction in estimated annual AIDS-related deaths in the country during NACP-III period (2007–2011).

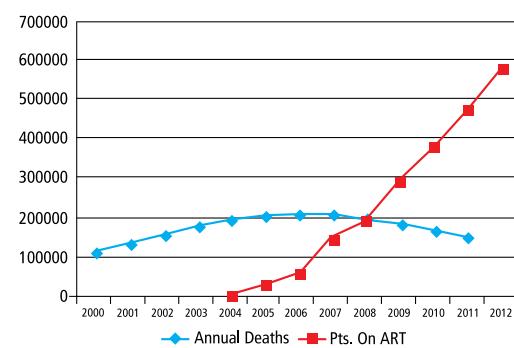
Evidence of Programme Impact

**57% Reduction in New Infections
in the last Decade due to Scaled-up
Prevention**



Source: HIV Estimations, 2012

**Decline in Estimated Annual Deaths
with Scale-up of Anti-Retroviral
Treatment**



Based on the assumptions on progression and survival of adults and children infected with HIV, it is estimated that around 8.6 lakh PLHIV needed Anti Retroviral Treatment (ART) in 2011. This includes 7.9 lakh adults (15 years and above) and 75 thousand children (<15 years).

Based on the estimated HIV infections among adult females and assumptions on effect of HIV on fertility and mother to child transmission rates, it is estimated that around 38 thousand HIV positive pregnant women needed Prevention of Parent to Child Transmission (PPTCT) services in 2011.

HIV estimations and projections are generated through epidemiological analysis and modelling taking into account the recent evidences available within India and globally and using tools that allow global comparisons. The 2012 India HIV estimates made use of the most comprehensive sets of epidemiological and demographic data inputs available through the latest round of HIV Sentinel Surveillance, India Census 2011 and other data-sets. Elaborate efforts are made to ensure the accuracy of all the inputs that go into the modelling and projections. The latest tools and methods recommended by the Global Reference Group on Estimations, Projections and Modelling have been adapted and customised adequately to suit the India epidemic and country requirements.

HIV Estimations 2012 provide updated information on the current state of HIV epidemic in India. They provide direction on the spread, levels and trends of the epidemic at national and state level and throw light on programme needs for future planning. These estimates confirm the progress made under India's National AIDS Control Programme, while they also bring out evidence on areas where the programme has to focus ahead.

The various indicators given in HIV estimation factsheets and their descriptions are as follows:

1. Estimated number of people living with HIV (Total, Children under 15 yrs), Adults (15-49 yrs), Elderly (above 49 yrs), Male, Female: The estimated number of persons living with HIV at a given time.
2. Estimated Adult (15-49 yrs) HIV Prevalence (%) (Total, Male, Female): The proportion of estimated number of adult persons (15-49 yrs) living with HIV/AIDS at a given time, regardless of the time of infection, to the total adult (15-49 yrs) population.
3. Estimated No. of Annual New HIV Infections [Total, Children (under15yrs) , Adults (15 yrs and above)]: The estimated number of persons newly infected with HIV/AIDS during a year.
4. Estimated No. of Annual AIDS-related Deaths (Total, Children (under15yrs) , Adults (15 yrs and above)]: The estimated number of persons died due to AIDS related causes during a year.
5. Estimated ART Need (adult and Children) (Total, Children (under15 yrs) , Adults (15 yrs and above)]: The estimated number of ART needed for adults and children during a year.
6. Estimated No. of Mothers needing PPTCT: The estimated number of HIV positive pregnant women needing Prevention of Parent to Child Transmission services during a year.

Note:

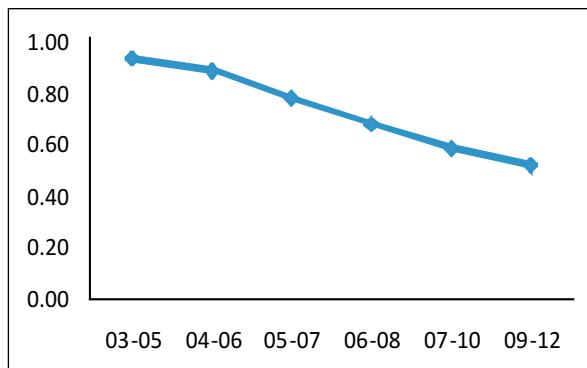
- Maps used in this book have been prepared from Survey of India.
- Graph for those States has not been provided where three years consistant sites data is not available.
- Moving averages has been calculated on the basis of consistant three years average. (A moving average is a set of numbers each of which is the average of corresponding subset of the larger set of datum point).
- Prevalence based on HSS has been calculated on the bases of valid sites (75% of target achieved). No HSS site in Lakshadweep.

India

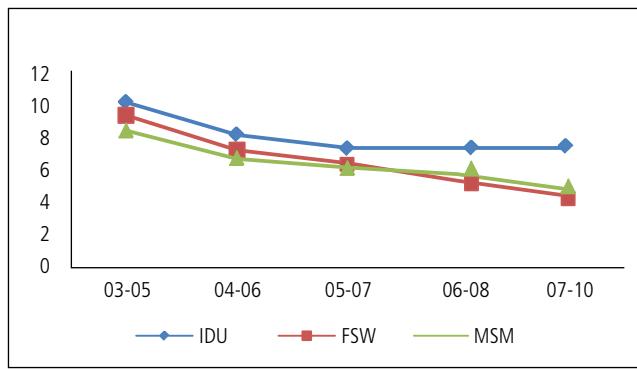
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	265	268	266	462	482	498	696	750	0.8	0.95	0.9	0.6	0.49	0.49	0.4	0.35
FSW	32	42	83	138	137	192	261		10.33	9.43	8.44	4.9	5.06	4.94	2.67	
MSM	9	15	18	31	40	68	96		8.47	7.47	8.74	6.41	7.41	7.3	4.43	
IDU	18	24	30	51	52	59	79		13.15	11.16	10.16	6.92	7.23	9.19	7.14	
SMM				6	3	8	20						1.6	3.61	2.17	0.99
LDT				15	7	7	20						2.37	2.87	1.57	2.59
TG				1	1	1	3						29.6	42.21	16.4	8.82

Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



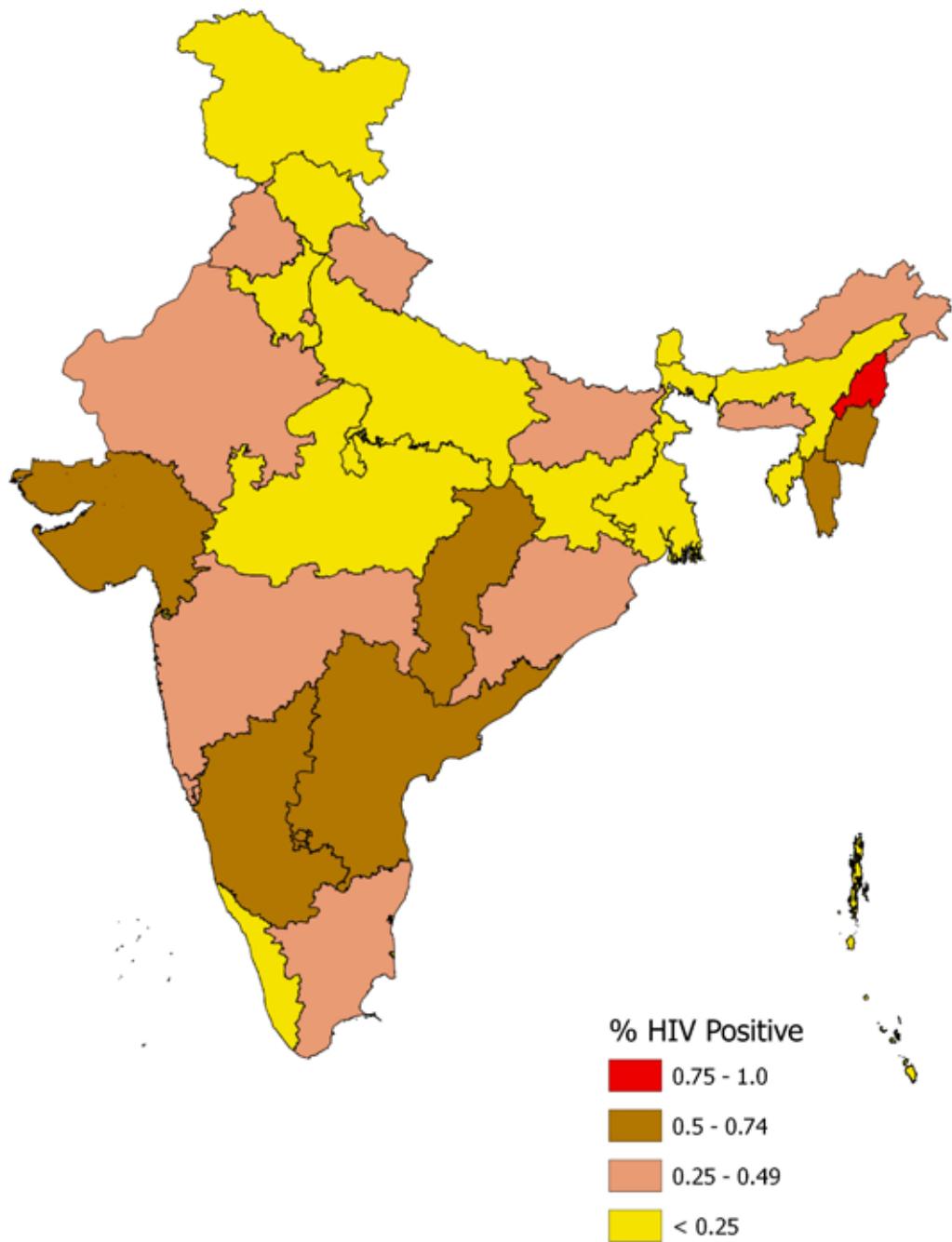
* 3-yr moving averages based on consistent sites

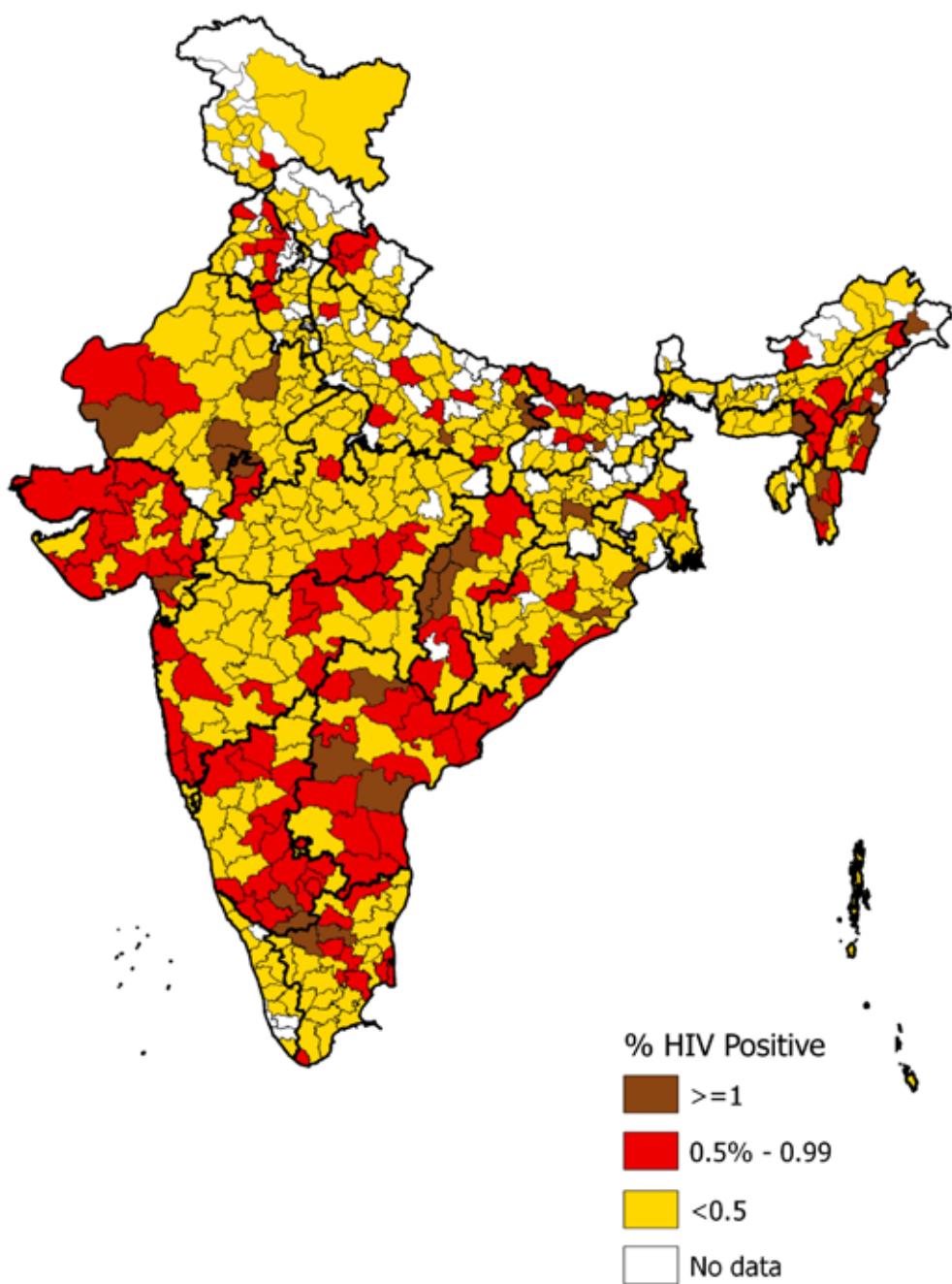
India

HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	19,18,567	22,52,253	25,34,517	18,55,140	21,92,511	25,04,379	17,99,616	21,41,706	24,82,790	17,53,109	21,06,227	24,92,840	17,19,325	20,88,642	25,29,136
Children (<15 yr)	1,11,037	1,42,652	1,86,036	1,14,152	1,45,934	1,87,488	1,16,491	1,47,515	1,87,386	1,16,851	1,47,264	1,85,863	1,16,140	1,45,445	1,82,806
Adults (15-49 yr)	17,12,352	19,90,488	22,22,174	16,41,792	19,26,111	21,91,558	15,70,284	18,70,195	21,63,729	15,17,717	18,28,584	21,65,662	14,79,816	18,03,236	21,90,259
Elderly (>49 yr)	95,178	1,19,113	1,26,307	99,196	1,20,466	1,25,333	1,12,841	1,23,996	1,31,675	1,18,541	1,30,379	1,41,315	1,23,369	1,39,961	1,56,071
Male	13,93,395			13,50,103			13,13,497			12,87,199				12,72,663	
Female	8,58,857			8,42,393			8,28,186			8,19,029				8,15,975	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.29	0.33	0.37	0.27	0.31	0.36	0.25	0.30	0.34	0.24	0.28	0.34	0.22	0.27	0.33
Male		0.40			0.37			0.35			0.34				0.32
Female		0.26			0.25			0.24			0.23				0.22
Estimated No. of Annual New HIV Infections															
Total	1,06,270	1,43,856	1,97,354	94,745	1,34,776	1,94,380	89,002	1,32,033	1,97,108	84,835	1,30,594	2,04,643	82,714	1,30,978	2,17,406
Adults (15+)	87,956	1,23,890	1,78,463	78,441	1,16,731	1,74,770	74,904	1,15,285	1,78,991	72,146	1,15,051	1,86,302	71,561	1,16,456	1,99,205
Children (<15)	16,175	19,966	25,007	14,431	18,045	22,736	13,175	16,748	21,346	11,986	15,543	20,135	10,974	14,522	19,346
Estimated No. of Annual AIDS-related Deaths															
Total	1,67,856	2,06,671	2,45,466	1,55,217	1,92,314	2,26,924	1,44,934	1,80,960	2,12,696	1,29,673	1,64,625	1,95,103	113,562	1,47,729	1,78,490
Adults (15+)	1,58,189	1,94,669	2,32,063	1,46,404	1,80,796	2,14,031	1,35,973	1,66,869	2,00,032	1,21,074	1,53,948	1,81,962	105,595	1,37,516	1,65,509
Children (<15)	9,310	12,002	15,655	8,862	11,518	15,121	8,479	11,091	14,578	8,124	10,676	14,030	7,698	10,213	13,505
Estimated ART Need															
Total	5,07,260	6,14,472	7,29,984	5,31,072	6,36,662	7,40,932	6,64,142	7,82,441	8,89,076	7,08,598	8,30,032	9,35,751	741,733	8,60,598	9,67,921
Adults (15+)	4,71,786	5,68,498	6,68,377	4,93,294	5,88,092	6,77,126	6,23,794	7,32,291	8,23,354	6,49,379	755,589	8,42,556	681,085	7,85,117	8,72,999
Children (<15)	35,474	45,974	61,607	37,778	48,570	63,806	40,348	51,150	65,722	59,219	74,443	94,195	60,648	75,481	94,922
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	42,121	51,375	63,909	38,418	47,122	59,177	35,138	43,788	54,971	31,846	40,767	51,738	29,235	38,202	49,965

State-wise HIV Prevalence (%) among ANC attendees, HSS 2012-13



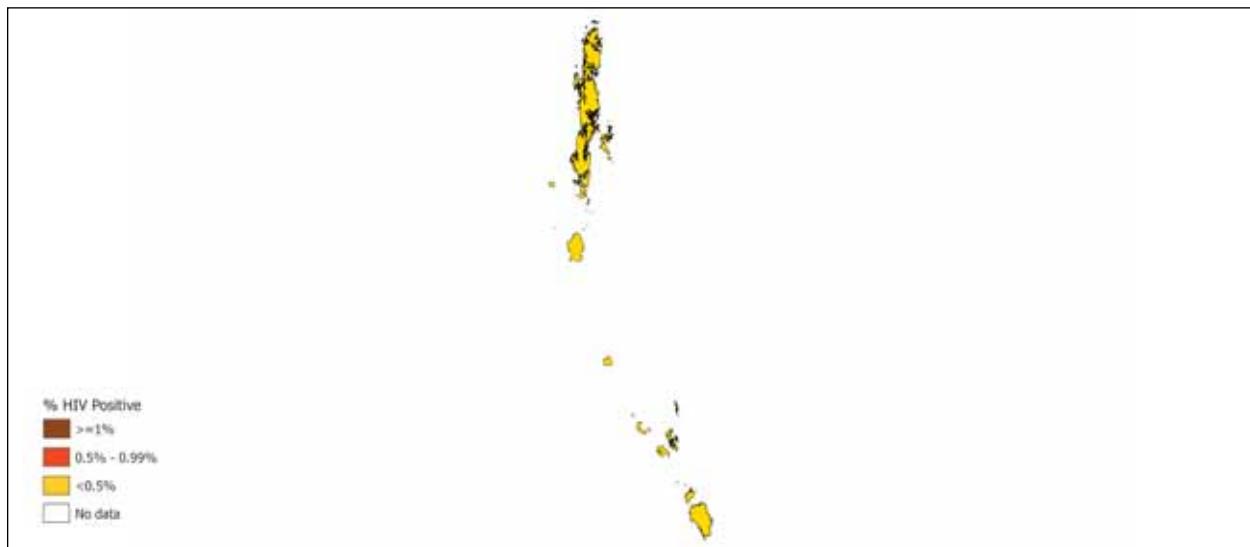
District-wise HIV Prevalence (%) among ANC attendees, HSS 2012-13

Andaman & Nicobar Islands

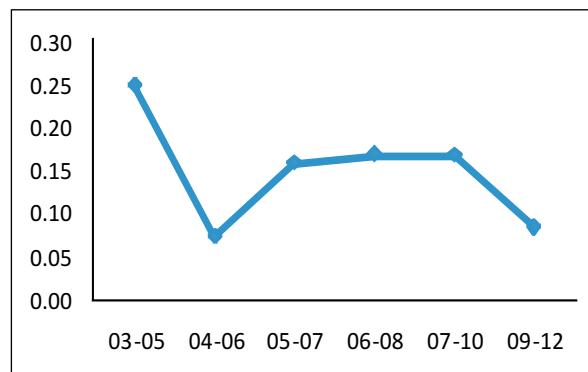
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	3	2	2	3	3	4	4	4	0.45	0	0	0.17	0.25	0.06	0.13	0.00
FSW			1	1						0.5	0.4					
MSM	1								1.25							
IDU																
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Andaman & Nicobar Islands

HIV Estimations: 2007 – 2011

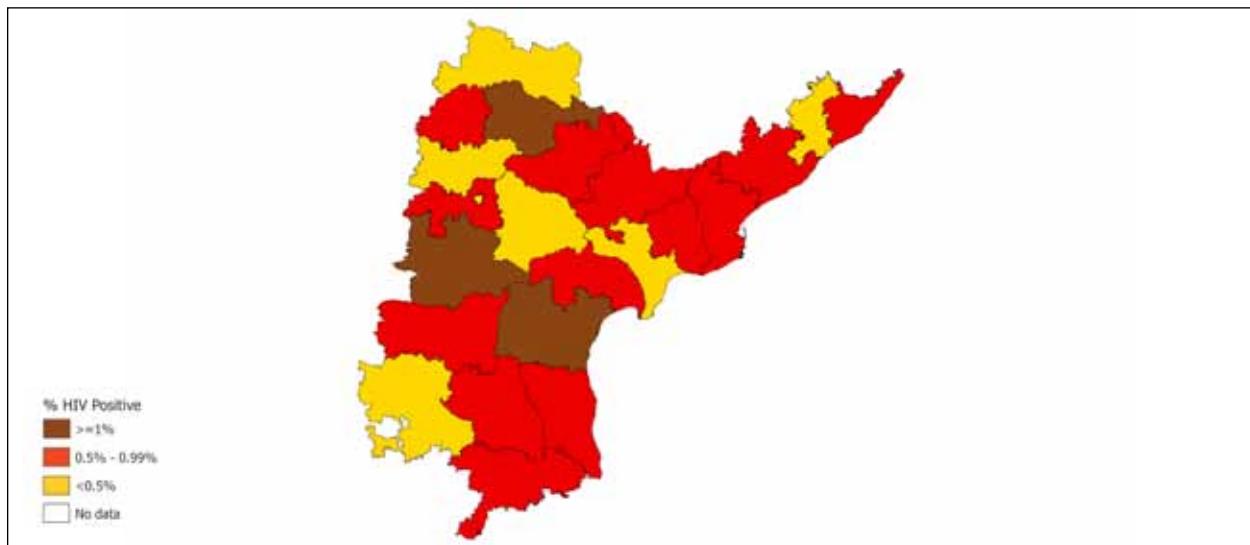
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	73	248	506	86	234	490	100	220	469	112	207	449	106	195	436
Children (<15 yr)	2	14	31	3	14	31	3	14	30	4	14	30	4	14	29
Adults (15-49 yr)	68	222	453	80	208	440	93	194	417	97	182	397	92	171	384
Elderly (>49 yr)	3	12	22	3	12	19	4	12	22	11	11	22	10	10	23
Male	158			148			141			131			124		
Female	90			85			80			76			72		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.03	0.10	0.21	0.04	0.10	0.21	0.04	0.09	0.19	0.04	0.08	0.18	0.04	0.08	0.18
Male		0.12			0.11			0.11			0.10			0.09	
Female		0.08			0.08			0.07			0.07			0.06	
Estimated No. of Annual New HIV Infections															
Total	8	15	38	8	14	39	7	14	39	7	13	38	6	13	41
Adults (15+)	7	13	35	6	12	36	6	12	35	6	12	36	5	12	40
Children (<15)	1	2	4	1	2	4	1	2	4	1	1	3	1	1	3
Estimated No. of Annual AIDS-related Deaths															
Total	3	24	51	4	24	50	5	23	48	5	23	47	6	22	45
Adults (15+)	3	23	49	4	23	47	4	22	45	5	22	44	6	21	43
Children (<15)	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2
Estimated ART Need															
Total	8	64	140	10	66	138	14	79	158	17	78	158	21	75	155
Adults (15+)	7	60	130	9	61	127	13	74	147	15	71	144	18	68	141
Children (<15)	1	4	10	1	5	11	1	5	11	2	7	14	3	7	14
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	2	5	10	2	4	9	2	4	8	2	3	7	1	3	7

Andhra Pradesh

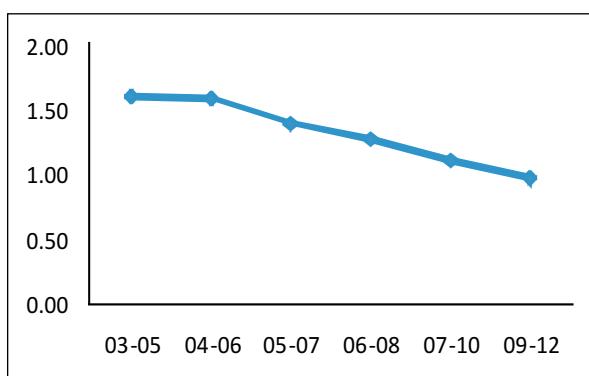
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	23	23	23	23	31	26	63	64	1.45	1.7	1.67	1.41	1.07	1.22	0.76	0.59
FSW	6	7	7	7	12	12	20		20	16.97	12.97	7.32	9.74	11.14	6.86	
MSM	1	1	1	1	6	6	8		13.2	16	6.45	10.25	17.04	23.6	10.14	
IDU					2	2	2							3.71	6.9	3.05
SMM																
LDT							1									3.2
TG																

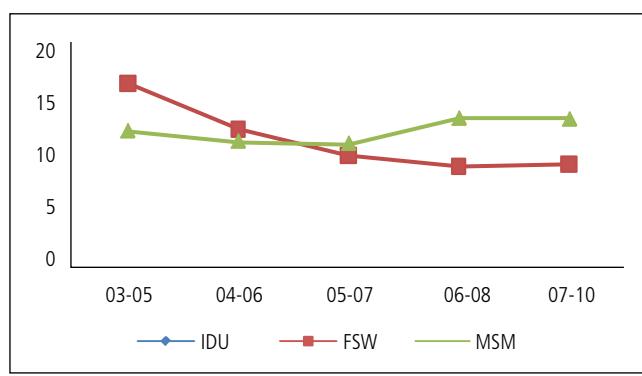
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Andhra Pradesh

HIV Estimations: 2007 – 2011

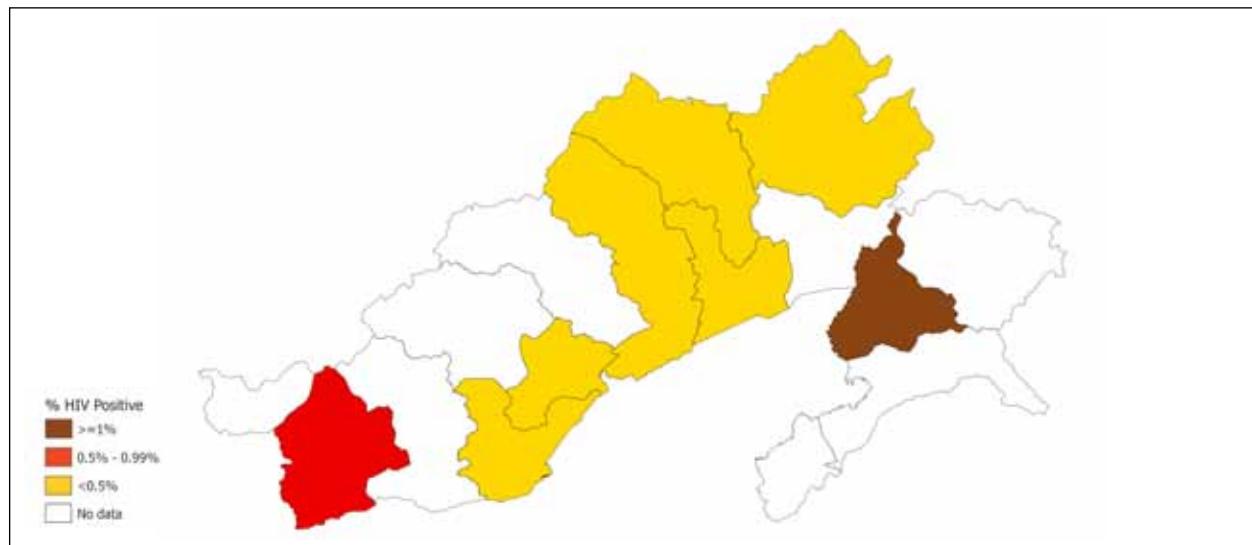
Indicator	2007				2008				2009				2010			
	Lower Bound	Estimate	Upper Bound	Lower Bound												
Estimated No. of PLHIV																
Total	4,31,991	4,89,063	5,51,360	4,13,656	4,67,994	5,26,351	3,95,801	4,49,103	5,05,012	3,79,083	4,32,643	4,93,906	3,61,450	4,19,180	4,88,232	
Children (<15 yr)	23,052	28,545	36,654	23,416	28,923	37,097	23,346	28,876	37,068	22,900	28,389	36,305	22,171	27,499	35,170	
Adults (15-49 yr)	3,85,094	4,35,532	4,86,230	3,67,396	4,14,066	4,62,693	3,49,655	3,94,640	4,44,414	3,30,290	3,77,497	4,33,560	310,949	3,63,115	4,24,691	
Elderly (>49 yr)	23,845	24,986	28,476	22,844	25,005	26,561	22,800	25,587	23,530	25,893	26,757	24,041	28,330	28,566	28,371	
Male		2,94,853			2,80,751			2,68,246			2,57,381			2,48,469		
Female		1,94,209			1,87,244			1,80,858			1,75,260			1,70,709		
Estimated Adult (15-49 yr) HIV Prevalence (%)																
Total	0.86	0.97	1.08	0.80	0.91	1.01	0.75	0.85	0.96	0.70	0.80	0.92	0.65	0.75	0.88	
Male		1.16			1.08			1.01			0.94				0.89	
Female		0.78			0.73			0.69			0.65				0.62	
Estimated No. of Annual New HIV Infections																
Total	15,814	25,524	36,388	12,051	22,542	34,280	9,872	21,166	33,868	8,378	19,769	33,225	7,095	18,615	32,871	
Adults (15+)	12,209	22,063	33,510	8,899	19,588	31,319	6,904	18,548	31,141	5,947	17,465	30,975	5,251	16,603	30,739	
Children (<15)	2,674	3,461	4,752	2,229	2,954	4,026	1,962	2,619	3,541	1,713	2,304	3,069	1,422	2,012	2,761	
Estimated No. of Annual AIDS-related Deaths																
Total	40,033	46,427	53,932	36,292	42,337	49,315	33,209	38,919	45,333	29,575	35,276	41,481	25,669	31,347	37,138	
Adults (15+)	37,946	44,183	51,501	34,397	40,236	47,130	31,390	36,914	43,141	27,863	33,362	39,435	24,192	29,552	35,152	
Children (<15)	1,777	2,244	3,002	1,641	2,101	2,825	1,562	2,005	2,691	1,485	1,914	2,554	1,383	1,795	2,404	
Estimated ART Need																
Total	1,14,326	1,33,632	1,56,299	1,20,112	1,37,833	1,59,711	1,50,458	1,70,324	1,93,064	1,58,270	1,78,428	2,01,219	1,63,816	1,83,500	2,05,270	
Adults (15+)	1,07,164	1,24,639	1,44,674	1,12,523	1,28,390	1,47,589	1,42,418	1,60,436	1,80,462	1,47,234	1,64,792	1,83,772	1,52,825	1,70,005	1,88,106	
Children (<15)	7,162	8,993	11,625	7,589	9,443	12,122	8,040	9,888	12,602	11,036	13,636	17,447	10,991	13,495	17,164	
Estimated No. of Mothers needing PPTCT																
Mothers needing PPTCT	7,161	9,185	12,352	6,186	7,969	10,634	5,508	7,097	9,346	4,710	6,209	8,068	4,025	5,465	7,311	

Arunachal Pradesh

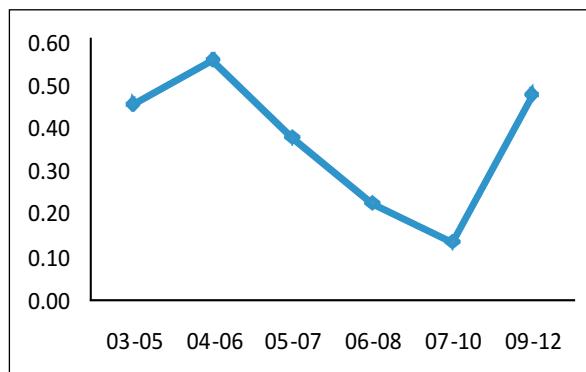
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)								
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	
ANC	1	2	2	5	6	6	6	8		0.2	0.46	0.27			0.46	0.21	0.26
FSW				1		3	3					0			0	0.28	
MSM																	
IDU				1	1	2	2					0	0	0.23	0.24		
SMM																	
LDT																	
TG																	

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Arunachal Pradesh

HIV Estimations: 2007 – 2011

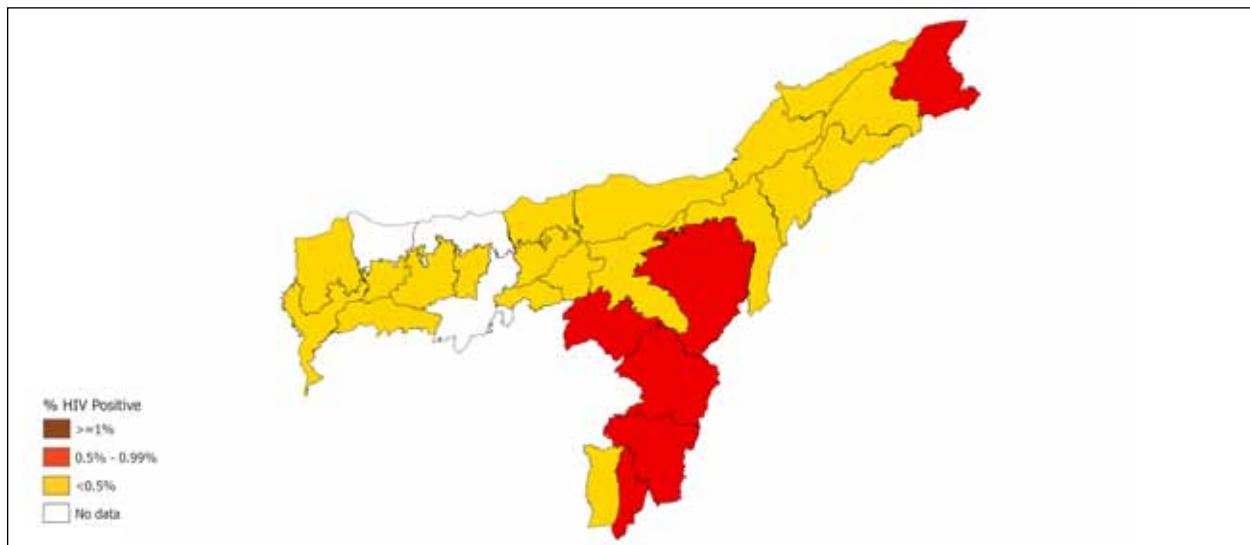
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	135	458	1,292	175	577	1,437	237	729	1,673	308	918	1,942	409	1,156	2,368
Children (<15 yr)	3	15	52	4	18	57	5	21	65	7	25	73	9	30	83
Adults (15-49 yr)	129	425	1,202	165	536	1,353	218	677	1,530	286	853	1,829	370	1,075	2,206
Elderly (>49 yr)	3	18	38	6	23	27	14	31	78	15	40	40	30	51	79
Male		289			365			458			575			723	
Female		170			214			271			342			434	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.02	0.06	0.17	0.02	0.07	0.19	0.03	0.09	0.20	0.04	0.11	0.23	0.05	0.13	0.27
Male		0.07			0.09			0.11			0.13			0.16	
Female		0.04			0.06			0.07			0.09			0.10	
Estimated No. of Annual New HIV Infections															
Total	17	108	312	24	134	360	28	168	407	37	212	453	47	267	542
Adults (15+)	13	104	304	19	128	357	22	161	396	28	204	444	39	257	537
Children (<15)	1	4	14	2	5	15	2	6	16	2	8	18	3	9	21
Estimated No. of Annual AIDS-related Deaths															
Total	4	18	65	4	20	75	5	24	89	7	32	105	11	42	123
Adults (15+)	4	17	60	3	18	70	4	22	81	6	30	98	10	39	114
Children (<15)	0	1	5	0	2	6	1	2	6	1	3	7	1	3	8
Estimated ART Need															
Total	10	45	173	14	56	209	28	96	335	41	132	415	56	169	460
Adults (15+)	9	40	157	13	51	191	26	89	315	36	116	372	50	149	412
Children (<15)	1	5	16	1	5	18	2	7	20	5	16	43	6	20	48
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	3	9	32	4	12	34	5	15	37	6	18	44	7	23	50

Assam

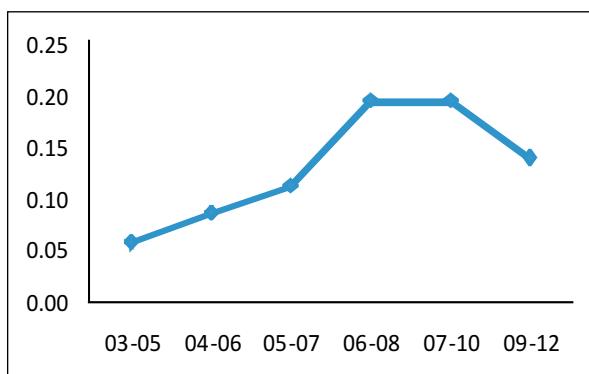
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	4	4	4	15	16	16	20	25		0.14		0.04	0.11	0.13	0.09	0.16
FSW	1	2	4	11	10	14	17				0.76	0.46	0.44	0.8	0.46	
MSM				1	1	1	2					0.78	2.78	0.41	1.4	
IDU	1	1	2	2	2	2	2		5.56	4.48	7.86	2.86	2.14	3.64	1.46	
SMM																
LDT																
TG																

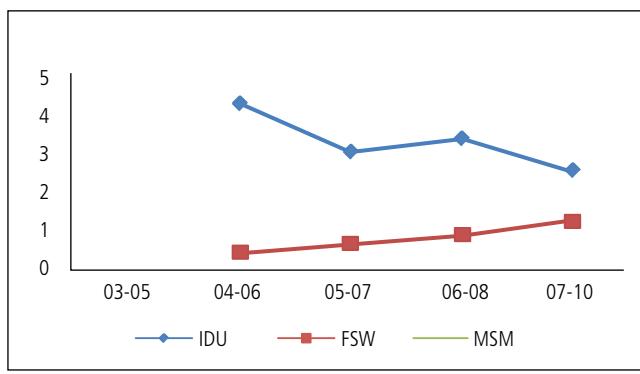
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Assam

HIV Estimations: 2007 – 2011

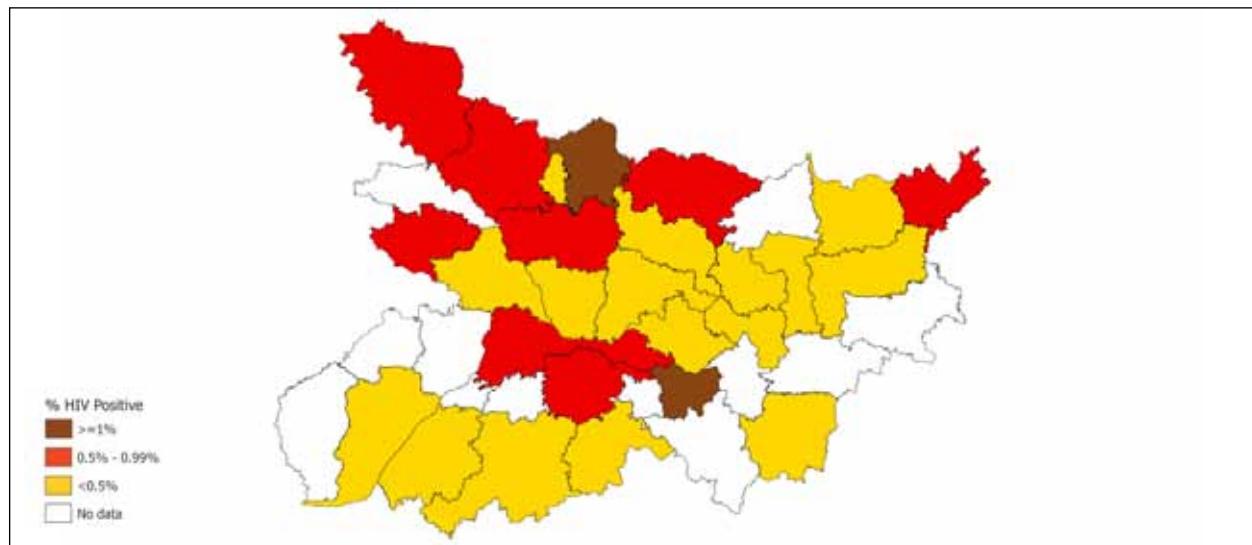
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	4,159	6,225	9,658	4,958	7,444	10,823	5,896	8,908	13,007	7,043	10,675	16,157	8,201	12,804	19,955
Children (<15 yr)	165	253	537	195	297	573	230	347	617	269	406	648	313	475	726
Adults (15-49 yr)	3,830	5,708	8,876	4,538	6,820	9,821	5,409	8,151	11,718	6,510	9,755	14,871	7,293	11,685	18,418
Elderly (>49 yr)	164	264	245	225	327	429	257	410	672	264	514	638	595	644	811
Male			3,845			4,589			5,482		6,561		7,856		
Female			2,378			2,855			3,427		4,116		4,949		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.02	0.04	0.06	0.03	0.04	0.06	0.03	0.05	0.07	0.04	0.06	0.09	0.04	0.07	0.11
Male			0.04			0.05			0.06		0.07				0.08
Female			0.02			0.03			0.04		0.05				0.05
Estimated No. of Annual New HIV Infections															
Total	678	1,290	1,982	620	1,510	2,446	563	1,788	2,989	528	2,132	3,659	514	2,540	4,519
Adults (15+)	566	1,219	1,899	486	1,428	2,313	439	1,693	2,845	425	2,018	3,514	420	2,408	4,298
Children (<15)	45	70	119	52	82	125	60	96	144	71	113	178	81	132	216
Estimated No. of Annual AIDS-related Deaths															
Total	157	257	639	156	272	680	168	304	698	179	343	691	188	388	682
Adults (15+)	139	232	595	135	244	633	147	271	660	152	305	647	159	344	635
Children (<15)	16	25	50	18	28	52	21	33	54	24	38	59	27	44	68
Estimated ART Need															
Total	459	719	1,730	615	893	2,046	1,008	1,426	2,844	1,377	1,908	3,268	1,730	2,381	3,528
Adults (15+)	408	639	1,570	553	798	1,869	932	1,313	2,652	1,211	1,655	2,889	1,530	2,079	3,078
Children (<15)	51	80	160	62	95	177	76	113	192	166	253	379	200	302	450
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	110	170	297	130	200	305	151	235	353	182	281	433	206	332	528

Bihar

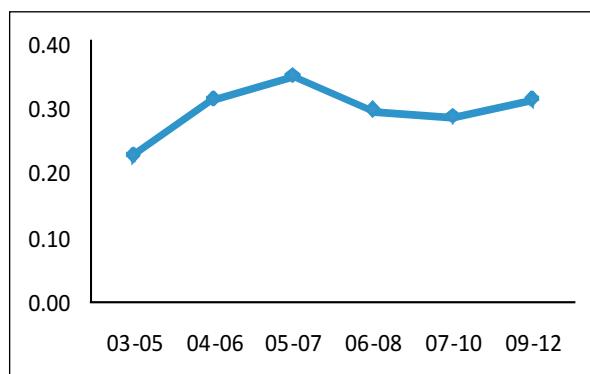
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	7	7	6	23	23	23	23	29	0.11	0.22	0.38	0.36	0.34	0.3	0.17	0.33
FSW	1	2	4	10	11	15	11		4.8	0.2	2.24	1.68	3.4	2.98	2.3	
MSM	1	1	1	2	2	1	1		1.6	1.6	0.4	0.3	0	1.64	4.2	
IDU				2	2	2	2						0.2	0.6	5.47	4.54
SMM																
LDT																
TG																

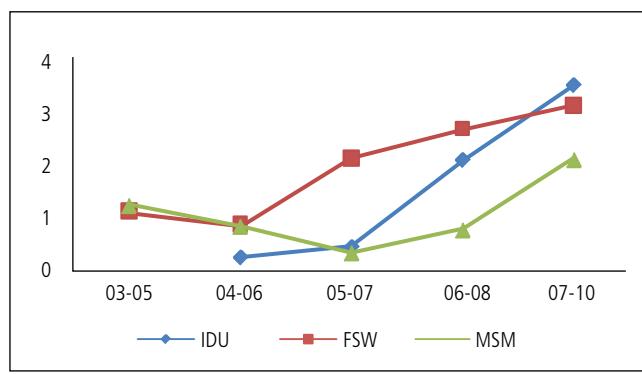
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Bihar

HIV Estimations: 2007 – 2011

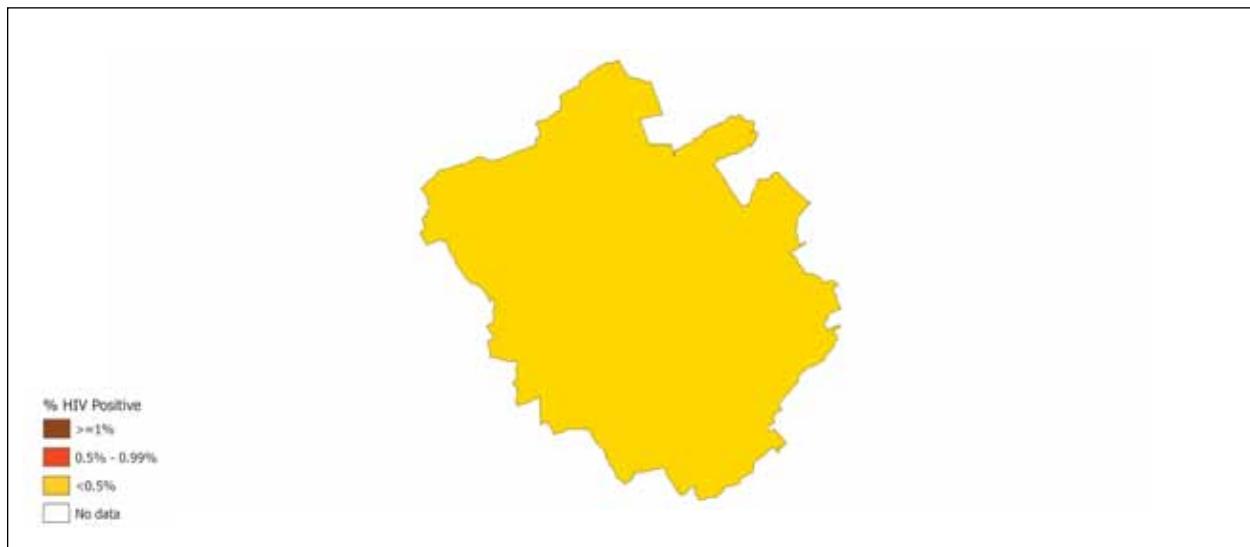
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	95,205	1,22,770	1,57,352	95,857	1,24,501	1,60,409	96,528	1,24,908	1,62,627	96,285	1,24,544	1,63,407	95,317	1,23,875	1,63,336
Children (<15 yr)	4,937	6,976	10,033	5,599	7,797	11,034	6,207	8,540	11,824	6,804	9,210	12,570	7,272	9,791	13,278
Adults (15-49 yr)	84,873	1,10,064	1,38,882	85,434	1,10,669	1,43,850	84,648	1,10,071	1,43,952	83,514	1,08,777	1,43,379	82,594	1,07,224	1,41,382
Elderly (>49 yr)	5,395	5,730	8,437	4,824	6,035	5,525	5,673	6,297	6,851	5,967	6,557	7,458	5,451	6,860	8,676
Male		75,251			76,059			76,085			75,667			75,098	
Female		47,520			48,442			48,823			48,878			48,775	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.18	0.24	0.30	0.18	0.23	0.30	0.17	0.22	0.29	0.16	0.21	0.28	0.15	0.20	0.26
Male		0.27			0.27			0.26			0.25				0.23
Female		0.18			0.18			0.18			0.17				0.16
Estimated No. of Annual New HIV Infections															
Total	7,846	11,438	19,013	7,275	10,413	16,784	6,991	9,858	14,776	6,718	9,577	14,023	6,492	9,457	13,559
Adults (15+)	6,104	9,688	17,842	5,688	8,647	15,059	5,475	8,115	12,791	5,230	7,866	12,075	5,069	7,797	11,687
Children (<15)	1,300	1,749	2,365	1,335	1,766	2,322	1,331	1,743	2,290	1,294	1,710	2,285	1,233	1,660	2,245
Estimated No. of Annual AIDS-related Deaths															
Total	5,290	7,834	11,611	5,987	8,663	12,353	6,513	9,294	12,993	6,955	9,660	13,133	7,070	9,750	13,031
Adults (15+)	4,738	7,107	10,658	5,380	7,882	11,371	5,894	8,475	11,864	6,259	8,813	11,932	6,377	8,877	11,942
Children (<15)	520	727	1,016	567	780	1,071	609	819	1,102	630	847	1,140	650	873	1,172
Estimated ART Need															
Total	12,860	19,943	31,316	15,909	23,496	34,178	24,135	33,457	45,381	29,122	38,749	51,166	32,033	41,346	53,144
Adults (15+)	11,375	17,847	28,305	14,204	21,131	30,843	22,232	30,826	41,703	25,288	33,661	44,356	27,999	36,014	46,039
Children (<15)	1,485	2,096	3011	1,705	2,365	3,335	1,903	2,631	3,678	3,834	5,088	6,810	4,034	5,332	7,105
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	3,275	4,388	5,849	3,326	4,391	5,798	3,275	4,302	5,723	3,186	4,209	5,645	3,048	4,066	5,500

Chandigarh

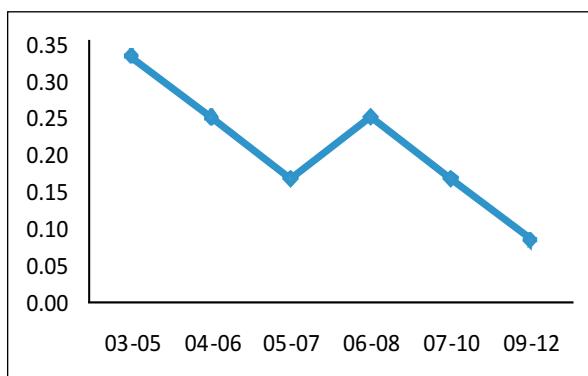
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	1	1	1	1	1	1	1	1	0.22	0.5	0	0.25	0.25	0.25	0	0
FSW	2	3	3	3	3	3	3		0.6	0.8	0.67	0.67	0.4	0.82	0	
MSM		1	1	1	1	1	1			1.36	1.6	4.8	3.6	2.79	0.4	
IDU		1	1	1	1	1	1			4.8	9.2	17.6	8.64	13.6	7.2	
SMM																
LDT																
TG																

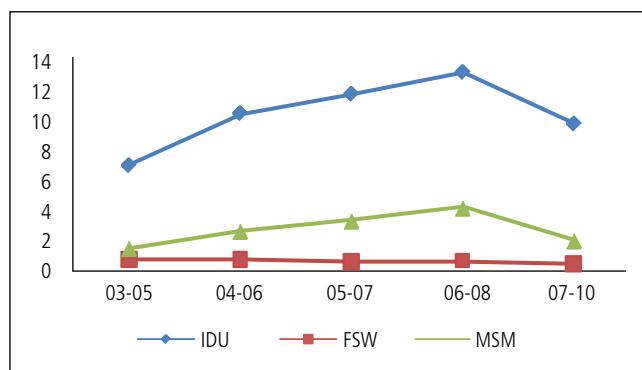
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Chandigarh

HIV Estimations: 2007 – 2011

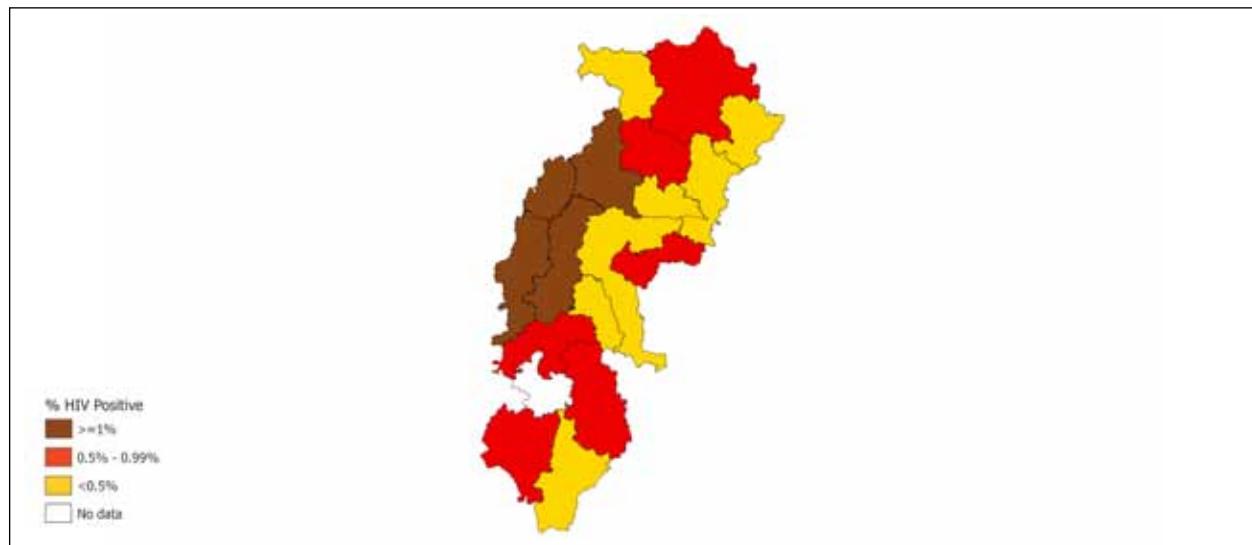
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	60	1,271	4,111	76	1,396	4,594	91	1,526	5,081	108	1,665	5,630	124	1,814	6,119
Children (<15 yr)	0.99	40	115	1	45	132	2	50	150	2	55	170	2	60	191
Adults (15-49 yr)	59	1,174	3,867	74	1,286	4,410	89	1,405	4,785	102	1,529	5,151	119	1,663	5,527
Elderly (>49 yr)	0.01	57	129	1	65	52	71	146	4	81	309	3	91	401	
Male		834			909			989			1,071			1,165	
Female		439			488			537			591			649	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.01	0.21	0.68	0.01	0.22	0.77	0.02	0.24	0.82	0.02	0.26	0.88	0.02	0.28	0.93
Male		0.24			0.26			0.28			0.30			0.33	
Female		0.16			0.18			0.19			0.21			0.22	
Estimated No. of Annual New HIV Infections															
Total	19	201	846	20	214	913	20	229	975	20	243	1,046	23	263	1,107
Adults (15+)	20	193	861	21	205	903	20	220	941	20	233	1,007	22	252	1,057
Children (<15)	0	8	28	0	9	30	1	9	34	1	10	36	1	11	42
Estimated No. of Annual AIDS-related Deaths															
Total	1	70	212	2	78	250	2	87	278	3	93	300	3	102	335
Adults (15+)	1	66	202	2	75	236	2	83	263	2	89	283	3	97	318
Children (<15)	0	4	10	0	4	11	0	4	12	0	4	14	0	5	16
Estimated ART Need															
Total	4	187	570	6	213	672	12	302	957	15	351	1,124	20	394	1,267
Adults (15+)	4	174	534	6	198	631	11	286	910	14	320	1,026	19	360	1,159
Children (<15)	0	13	36	0	15	41	1	16	47	1	31	98	1	34	108
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	1	23	84	2	26	92	2	27	97	2	29	105	2	32	118

Chhattisgarh

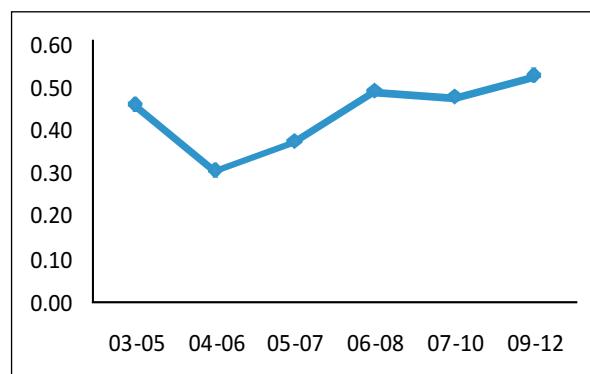
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	5	4	5	19	17	17	18	18	0.76		0.32	0.31	0.29	0.41	0.43	0.51
FSW				4	2		3					1.57	1.43		2.73	
MSM							1								14.98	
IDU							1								0.42	
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Chhattisgarh

HIV Estimations: 2007 – 2011

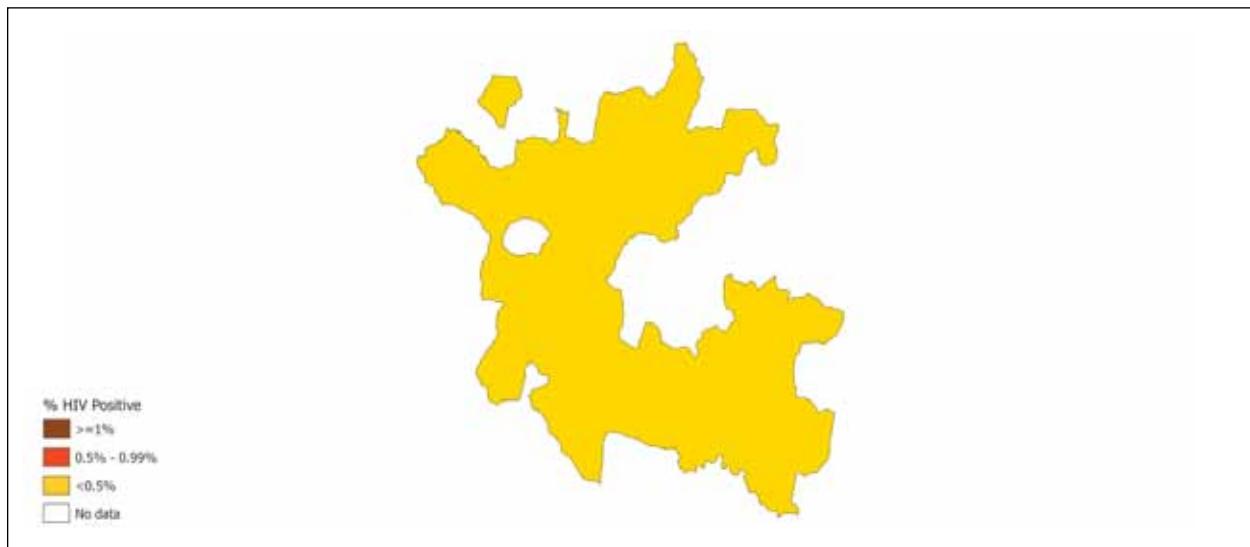
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	21,581	30,124	44,184	24,018	32,878	47,721	24,291	35,626	52,346	24,567	38,327	61,178	25,068	40,942	75,270
Children (<15 yr)	886	1,711	3,302	1,081	1,912	3,474	1,288	2,118	3,597	1,498	2,322	3,693	1,693	2,523	3,828
Adults (15-49 yr)	20,511	27,094	40,165	20,875	29,495	43,365	20,316	31,867	46,516	20,207	34,178	53,539	20,145	36,393	64,910
Elderly (>49 yr)	184	1,319	717	2,062	1,471	882	2,687	1,641	2,233	2,862	1,827	3,946	3,230	2,026	6,532
Male		18,227			19,844			21,463			23,054			24,592	
Female		11,898			13,033			14,163			15,272			16,349	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.17	0.22	0.33	0.17	0.24	0.35	0.16	0.25	0.36	0.15	0.26	0.41	0.15	0.27	0.48
Male		0.26			0.28					0.30			0.31		0.32
Female		0.17			0.19					0.20			0.21		0.22
Estimated No. of Annual New HIV Infections															
Total	1,791	4,498	8,216	1,885	4,643	10,184	1,870	4,792	12,295	1,805	4,929	14,835	1,754	5,031	17,829
Adults (15+)	1,384	4,130	7,983	1,478	4,249	9,791	1,408	4,370	11,817	1,371	4,482	14,206	1,363	4,565	16,981
Children (<15)	242	368	573	265	394	596	283	422	655	282	446	760	269	466	910
Estimated No. of Annual AIDS-related Deaths															
Total	902	1,815	3,641	1,001	1,935	3,544	1,189	2,087	3,624	1,439	2,270	3,689	1,642	2,458	3,741
Adults (15+)	810	1,657	3,384	891	1,764	3,249	1,048	1,901	3,325	1,273	2,059	3,407	1,468	2,243	3,448
Children (<15)	87	157	280	102	171	287	118	186	294	134	201	304	148	215	327
Estimated ART Need															
Total	2,212	4,670	10,358	2,657	5,314	10,272	4,410	7,608	13,127	5,999	9,181	14,603	7,386	10,321	15,069
Adults (15+)	1,938	4,139	9,331	2,319	4,714	9,159	3,992	6,929	11,941	5,112	7,887	12,682	6,386	8,912	12,976
Children (<15)	274	531	1,027	338	600	1,113	418	679	1,186	887	1,294	1,921	1,000	1,409	2,093
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	545	838	1320	603	906	1,360	641	981	1,523	645	1,044	1,772	608	1,097	2,124

Dadra Nagar Haveli

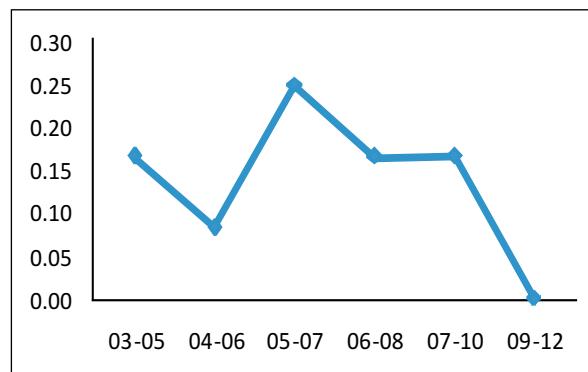
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	1	1	1	1	1	1	1	1	0.13	0	0.25	0	0.5	0	0	0
FSW																
MSM																
IDU																
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Dadra Nagar Haveli

HIV Estimations: 2007 – 2011

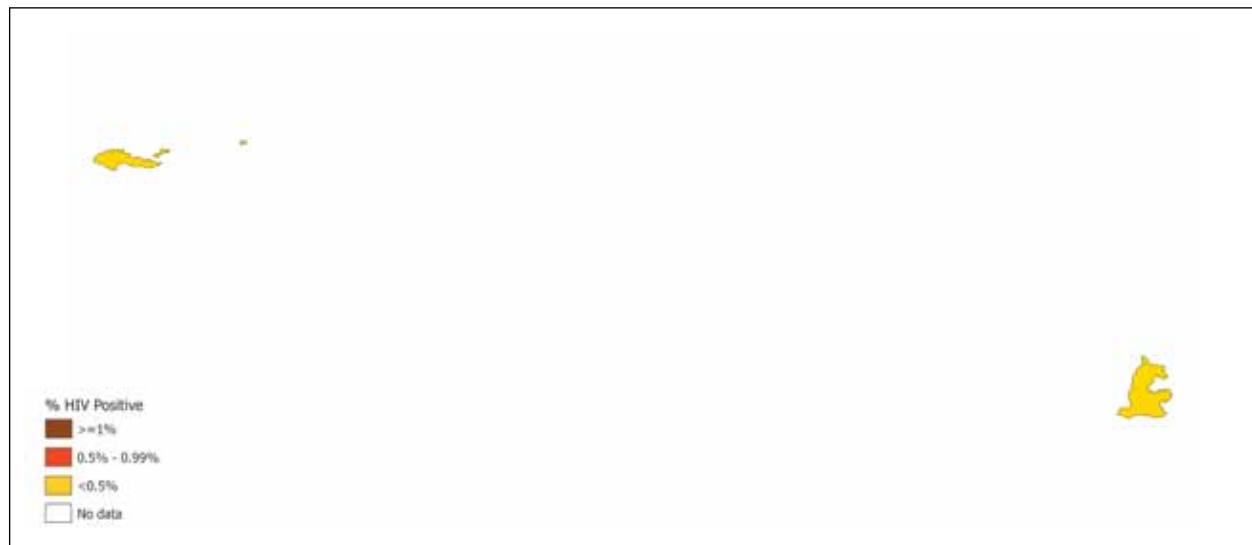
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	4	161	916	4	187	1,020	5	216	1,087	6	249	1,271	6	289	1,431
Children (<15 yr)	0	6	47	0	7	50	0	8	51	0	9	53	0	10	58
Adults (15-49 yr)	3	148	832	4	171	907	5	197	983	5	228	1,207	6	264	1,307
Elderly (>49 yr)	1	7	37	9	63		11	53		1	12	11		15	66
Male	0		0		0		0		0		0		0	0	
Female	0		0		0		0		0		0		0	0	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.09	0.52	0.00	0.10	0.54	0.00	0.11	0.56	0.00	0.12	0.66	0.00	0.14	0.68	
Male	0.11		0.00	0.12		0.00	0.13		0.00	0.15		0.00	0.16		
Female	0.07		0.00	0.08		0.00	0.09		0.00	0.10		0.00	0.11		
Estimated No. of Annual New HIV Infections															
Total	1	28	155	1	33	180	1	37	201	1	43	271	1	50	358
Adults (15+)	1	27	157	1	31	181	1	36	203	1	41	278	1	48	363
Children (<15)	0	1	9	0	2	10	0	2	10	0	2	11	0	2	12
Estimated No. of Annual AIDS-related Deaths															
Total	0	9	81	0	11	82	0	12	83	0	14	92	0	17	95
Adults (15+)	0	8	78	0	10	79	0	12	80	0	14	88	0	16	91
Children (<15)	0	1	4	0	1	4	0	1	4	0	1	4	0	1	5
Estimated ART Need															
Total	1	23	234	1	26	242	1	39	288	1	48	314	1	56	318
Adults (15+)	1	21	219	1	24	227	1	37	273	1	43	286	1	50	287
Children (<15)	0	2	15	0	2	15	0	2	15	0	5	28	0	6	31
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	0	3	24	0	4	24	0	4	27	0	5	28	0	6	31

Daman & Diu

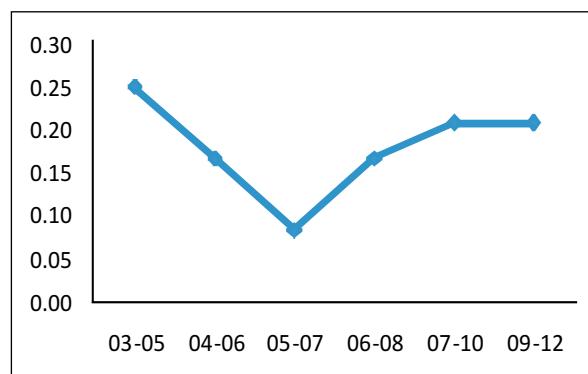
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	2	2	2	2	2	2	2	2	0.27	0.38	0.13	0	0.13	0.38	0.13	0.13
FSW																
MSM																
IDU																
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Daman & Diu

HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	8	148	591	11	171	665	14	199	704	17	230	777	21	268	895
Children (<15 yr)	0	4	22	0	5	24	0	6	27	0	7	30	0	8	33
Adults (15-49 yr)	8	136	557	11	157	601	13	182	638	16	211	726	20	245	812
Elderly (>49 yr)	8	12	9	40	1	11	39	1	12	21	1	1	15	50	
Male	106		123			141			163			191			
Female	42		48			58			68			78			
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.01	0.12	0.47	0.01	0.13	0.49	0.01	0.14	0.50	0.01	0.16	0.55	0.01	0.18	0.60
Male		0.13			0.15			0.16			0.18			0.21	
Female		0.08			0.10			0.11			0.12			0.14	
Estimated No. of Annual New HIV Infections															
Total	3	27	87	3	31	111	4	36	134	5	42	172	5	49	224
Adults (15+)	3	26	87	3	30	109	4	35	131	5	40	177	5	47	220
Children (<15)	0	1	5	0	1	5	0	1	5	0	1	6	0	2	7
Estimated No. of Annual AIDS-related Deaths															
Total	0	8	41	1	9	47	1	11	53	1	13	56	1	15	62
Adults (15+)	0	8	39	0	9	44	1	10	50	1	12	53	1	14	58
Children (<15)	0	0	2	0	1	2	0	1	2	0	1	3	0	1	3
Estimated ART Need															
Total	1	19	104	1	24	121	2	35	169	2	43	189	2	51	208
Adults (15+)	1	18	97	1	22	113	2	33	160	2	39	173	2	46	190
Children (<15)	0	1	7	0	2	8	0	2	9	0	4	16	0	5	18
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	0	3	12	0	3	13	0	4	14	0	4	15	0	5	18

Delhi

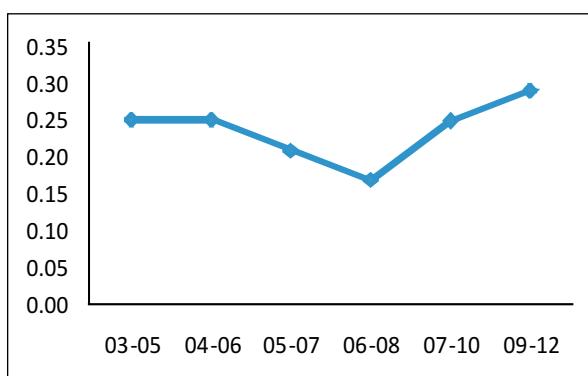
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	4	4	4	5	5	5	5	5	0.13	0.31	0.31	0.1	0.2	0.2	0.3	0.40
FSW	1	2	3	6	5	5	5		1.61	4.6	3.15	2.8	3.15	2.17	0.7	
MSM	1	1	2	3	3	3	3		27.42	6.67	20.4	12.27	11.73	7.87	5.34	
IDU	1	1	1	2	2	2	2		14.4	17.6	22.8	10	10.1	18.6	18.27	
SMM																
LDT																
TG																

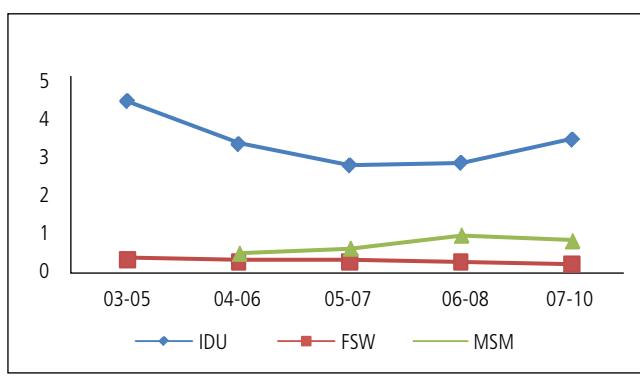
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Delhi

HIV Estimations: 2007 – 2011

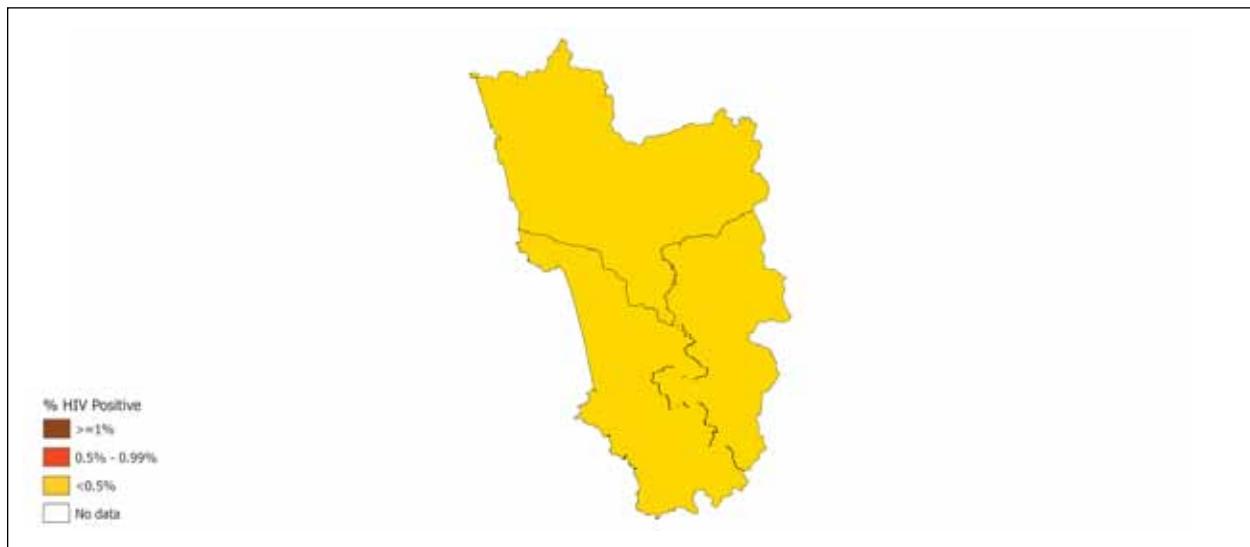
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	7,530	17,656	30,577	8,603	19,379	33,366	9,995	21,171	36,891	11,358	23,103	41,456	12,785	25,161	48,919
Children (<15 yr)	314	599	1,278	380	665	1,361	508	736	1,428	601	807	1,506	658	876	1,560
Adults (15-49 yr)	6,825	16,120	28,585	7,786	17,576	30,671	8,998	19,069	33,273	9,985	20,660	38,496	11,021	22,340	43,505
Elderly (>49 yr)	391	937	714	437	1,138	1,334	489	1,366	2,190	772	1,636	1,454	1,106	1,945	3,854
Male		11,427			12,494			13,598		14,796			16,067		
Female		6,226			6,886			7,569		8,308			9,096		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.07	0.18	0.31	0.08	0.19	0.32	0.09	0.20	0.34	0.10	0.21	0.39	0.11	0.22	0.42
Male		0.20			0.22			0.23				0.25			0.26
Female		0.13			0.15			0.15				0.16			0.17
Estimated No. of Annual New HIV Infections															
Total	831	2,019	4,706	806	2,109	5,438	773	2,207	6,299	753	2,276	7,244	736	2,374	8,497
Adults (15+)	685	1,902	4,512	644	1,986	5,204	637	2,080	6,063	620	2,143	7,072	621	2,234	8,339
Children (<15)	46	117	233	49	123	237	53	127	242	57	134	270	65	141	302
Estimated No. of Annual AIDS-related Deaths															
Total	130	440	1,983	143	465	2,005	152	504	1,971	152	445	1,851	161	432	1,774
Adults (15+)	129	401	1,937	145	424	1,937	149	469	1,897	148	411	1,764	159	395	1,704
Children (<15)	3	39	110	3	41	109	4	35	101	4	34	100	4	37	106
Estimated ART Need															
Total	1,965	4,336	6,964	2,480	5,397	8,039	3,104	6,411	9,299	4,198	8,910	12,132	4,961	10,371	13,527
Adults (15+)	1,661	4,022	6,511	2,106	5,014	7,516	2,591	5,883	8,708	3,581	8,230	11,184	4,281	9,584	12,437
Children (<15)	304	314	453	374	383	523	513	528	591	617	680	948	680	787	1,090
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	139	339	621	156	366	666	175	392	696	193	417	766	214	441	841

Goa

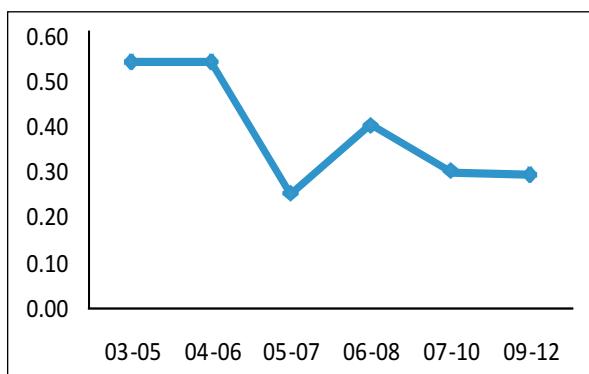
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	2	2	2	2	2	3	3	3	0.48	1.13	0	0.5	0.18	0.68	0.33	0.25
FSW	1					1	2		30.15					6.4	2.7	
MSM	1	1	1	1	1	1	2		9.09	1.68	4.9	4.8	7.93	6.4	4.53	
IDU																
SMM																
LDT																
TG																

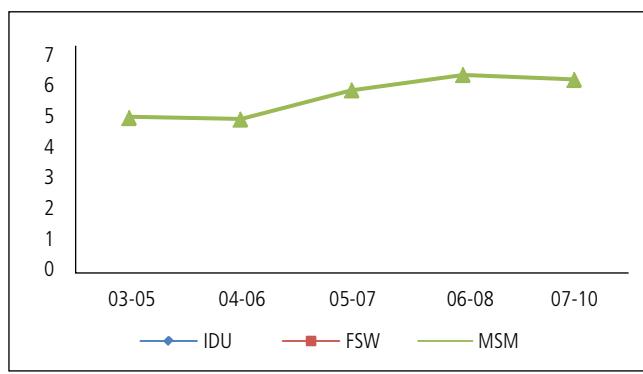
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Goa

HIV Estimations: 2007 – 2011

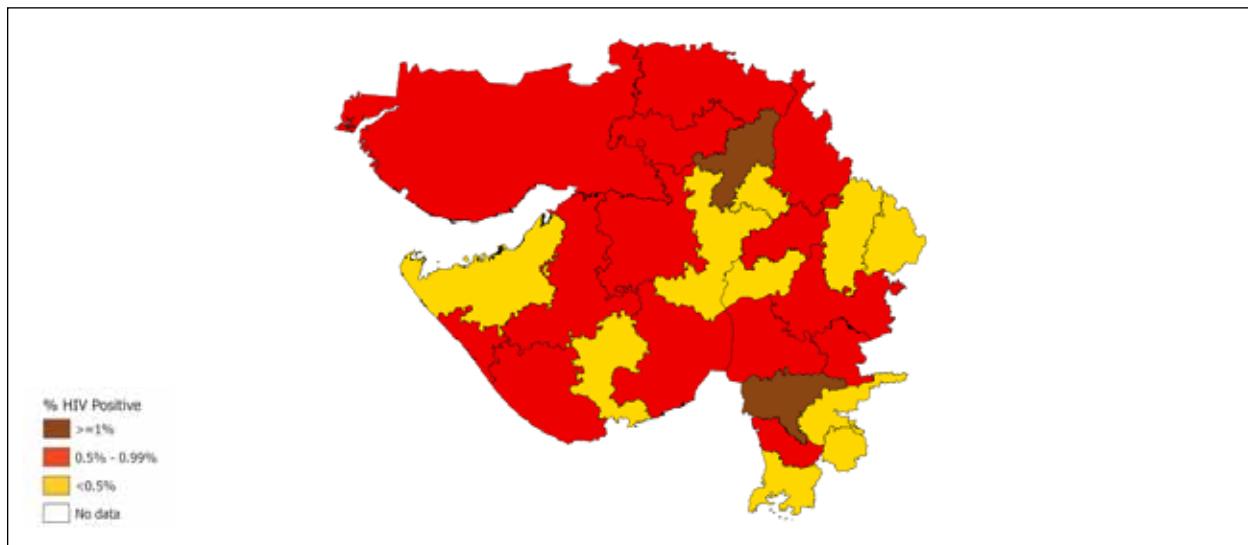
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	2,488	5,312	14,700	2,322	4,922	13,504	2,165	4,587	12,856	2,065	4,324	12,494	2,008	4,126	12,405
Children (<15 yr)	168	357	925	167	359	970	166	354	986	156	346	966	147	335	944
Adults (15-49 yr)	2,162	4,665	12,777	1,994	4,280	11,754	1,821	3,950	11,328	1,729	3,685	11,009	1,637	3,481	10,760
Elderly (>49 yr)	158	290	998	161	283	780	178	283	542	180	293	519	224	310	701
Male		3,248			2,992			2,772			2,603			2,471	
Female		2,065			1,928			1,812			1,722			1,654	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.27	0.58	1.59	0.25	0.53	1.46	0.23	0.49	1.40	0.21	0.45	1.36	0.20	0.43	1.32
Male		0.70			0.63			0.58			0.53			0.50	
Female		0.46			0.43			0.40			0.37			0.35	
Estimated No. of Annual New HIV Infections															
Total	35	212	1,074	28	192	1,105	22	175	1,113	18	162	1,118	15	152	1,140
Adults (15+)	15	180	1,010	13	164	1,059	10	151	1,089	8	140	1,079	7	132	1,055
Children (<15)	10	32	115	9	29	99	7	23	83	6	22	76	4	20	74
Estimated No. of Annual AIDS-related Deaths															
Total	221	564	1,837	168	491	1,657	126	426	1,502	77	350	1,325	43	281	1,136
Adults (15+)	210	537	1,774	157	466	1,569	116	403	1,417	70	329	1,260	37	261	1,080
Children (<15)	11	27	81	10	25	78	9	23	74	7	21	72	5	20	68
Estimated ART Need															
Total	890	1,862	5,452	912	1,822	5,132	1,059	2,064	5,712	1,160	2,062	5,381	1,302	2,065	5,032
Adults (15+)	834	1,742	5,150	851	1,696	4,811	996	1,935	5,378	1,084	1,897	4,914	1,219	1,895	4,563
Children (<15)	56	120	302	61	126	321	63	129	334	76	165	467	83	170	469
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	33	95	304	28	82	258	23	71	222	18	62	206	15	55	192

Gujarat

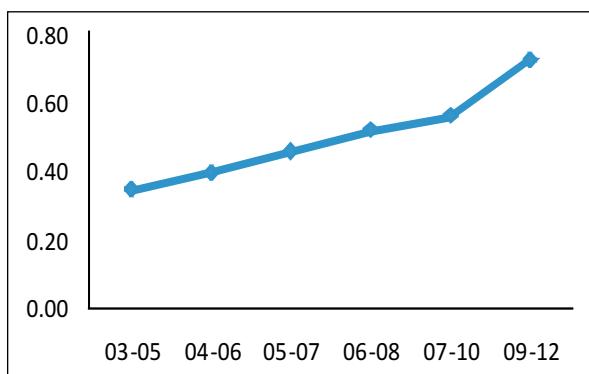
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	8	8	8	24	24	25	25	28	0.38	0.19	0.38	0.55	0.34	0.44	0.46	0.50
FSW		1	3	3	3	6	9			9.2	8.13	6.4	6.53	3.74	1.62	
MSM		1	3	3	3	7	8			6.8	10.67	11.2	8.4	5.48	3	
IDU							1									1.6
SMM						2	3								1.8	0.67
LDT							3								3.09	
TG																

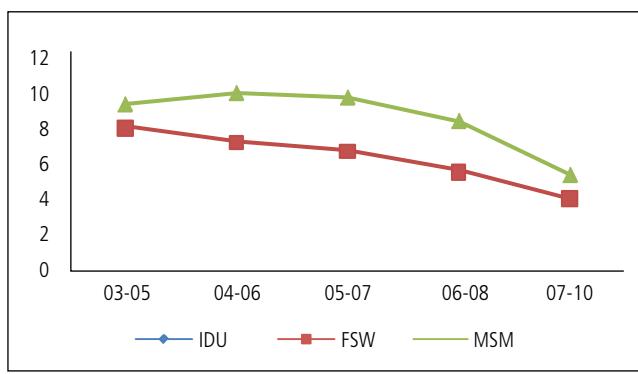
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Gujarat

HIV Estimations: 2007 – 2011

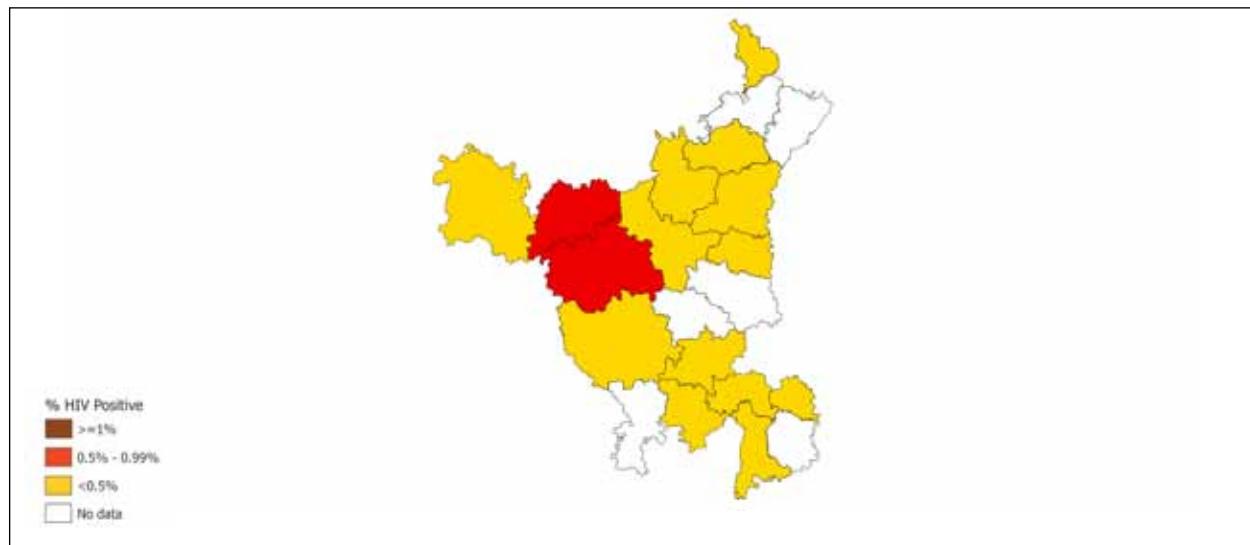
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	1,13,285	1,37,468	1,65,179	1,09,355	1,34,494	1,62,084	1,05,963	1,31,380	1,58,249	1,02,681	1,28,811	1,55,733	101,382	1,27,092	1,54,165
Children (<15 yr)	5,636	7,498	10,286	6,068	7,931	10,561	6,466	8,256	10,804	6,658	8,473	10,957	6,784	8,598	10,977
Adults (15-49 yr)	1,01,824	1,23,066	1,48,498	97,916	1,19,555	1,43,124	93,617	1,15,955	1,39,912	90,302	1,12,861	1,37,053	87,505	1,10,516	136,405
Elderly (>49 yr)	5,825	6,904	6,395	5,371	7,008	8,399	5,880	7,169	7,533	5,721	7,477	7,723	7,093	7,978	6,783
Male		85,226			83,031			80,803			78,957			77,695	
Female		52,240			51,464			50,576			49,851			49,398	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.33	0.40	0.48	0.31	0.38	0.45	0.29	0.36	0.43	0.27	0.34	0.42	0.26	0.33	0.40
Male		0.47			0.45			0.42			0.40				0.38
Female		0.31			0.30			0.29			0.28				0.27
Estimated No. of Annual New HIV Infections															
Total	5,930	9,156	13,511	5,432	8,393	13,145	5,082	8,050	12,853	4,693	7,740	12,450	4,412	7,560	12,233
Adults (15+)	4,444	7,677	12,146	4,033	6,995	11,837	3,802	6,750	11,530	3,537	6,545	11,237	3,336	6,455	11,005
Children (<15)	1,090	1,479	1,984	1,035	1,398	1,884	955	1,299	1,776	878	1,195	1,622	801	1,106	1,506
Estimated No. of Annual AIDS-related Deaths															
Total	9,179	11,540	14,475	9,273	11,426	14,151	9,122	11,284	13,878	8,236	10,489	12,964	7,243	9,510	12,062
Adults (15+)	8,530	10,801	13,634	8,624	10,690	13,262	8,477	10,559	12,924	7,656	9,786	12,115	6,660	8,839	11,201
Children (<15)	584	739	956	578	737	958	565	726	942	540	703	915	504	672	884
Estimated ART Need															
Total	24,656	32,031	41,232	28,192	34,453	42,728	37,002	44,387	53,090	39,933	47,800	56,880	41,764	49,847	59,263
Adults (15+)	22,925	29,674	37,919	26,283	31,910	39,213	34,917	41,664	49,412	36,432	43,355	51,188	38,202	45,309	53,473
Children (<15)	1,731	2,357	3,313	1,909	2,543	3,515	2,085	2,723	3,678	3,501	4,445	5,692	3,562	4,538	5,790
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	2,875	3,949	5,408	2,755	3,734	5,114	2,583	3,496	4,760	2,409	3,254	4,371	2,213	3,045	4,099

Haryana

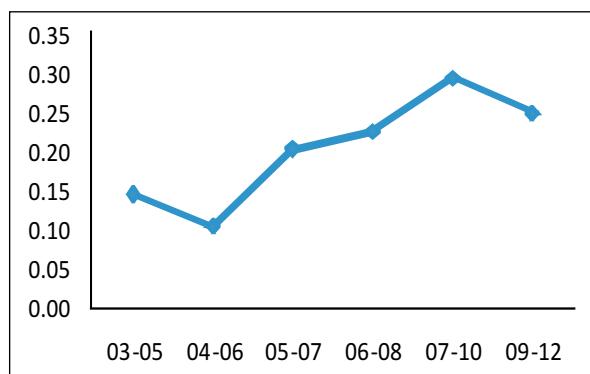
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	4	4	4	10	10	12	12	16	0.27	0	0.19	0.17	0.16	0.15	0.19	0.17
FSW			1	7	7	7	11				2	1.19	0.91	1.55	0.48	
MSM				1	1	1	2					0	5.39	3.2	3.05	
IDU				1	1	1	2					0	0.8	2	0.8	
SMM							3								1.33	
LDT																
TG																

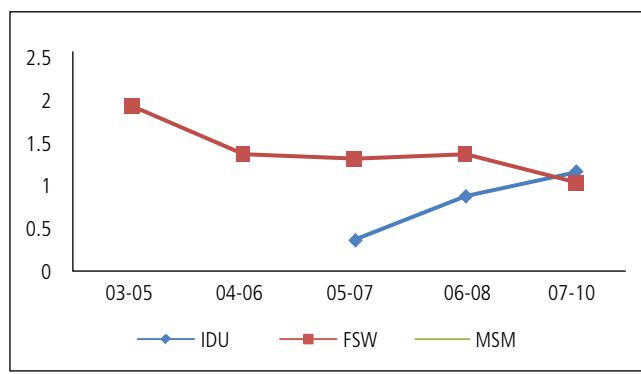
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Haryana

HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	8,269	14,788	22,235	9,363	15,594	23,676	10,544	16,372	25,598	11,404	17,130	28,079	12,054	17,876	31,261
Children (<15 yr)	318	763	1,320	367	813	1,380	414	860	1,402	453	903	1,439	500	940	1,509
Adults (15-49 yr)	7,462	13,343	19,793	8,634	14,032	21,372	9,517	14,683	23,531	10,218	15,305	26,120	10,607	15,907	28,457
Elderly (>49 yr)	489	682	1,122	362	749	924	613	829	665	733	922	520	947	1,029	1,295
Male		9,330			9,802			10,258		10,704			11,139		
Female		5,457			5,790			6,114		6,428			6,739		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.06	0.10	0.15	0.07	0.11	0.16	0.07	0.11	0.17	0.07	0.11	0.19	0.07	0.11	0.20
Male		0.12			0.13			0.13			0.13			0.13	
Female		0.08			0.08			0.09			0.09			0.09	
Estimated No. of Annual New HIV Infections															
Total	1,087	1,822	4,065	1,022	1,771	4,485	974	1,755	5,145	922	1,752	5,894	891	1,743	6,851
Adults (15+)	931	1,664	4,105	862	1,612	4,583	803	1,593	5,141	774	1,588	5,985	750	1,580	6,799
Children (<15)	84	158	268	92	159	266	98	162	272	102	164	286	101	163	318
Estimated No. of Annual AIDS-related Deaths															
Total	372	994	1,789	344	970	1,737	381	990	1,720	413	1,014	1,707	448	1,025	1,688
Adults (15+)	341	918	1,693	312	892	1,630	337	911	1,609	366	934	1,593	400	944	1,578
Children (<15)	33	76	126	36	77	125	39	79	128	42	80	131	45	81	132
Estimated ART Need															
Total	1,035	2,708	5,063	1,219	2,995	5,318	1,969	4,147	6,764	2,602	4,829	7,445	3,159	5,357	7,858
Adults (15+)	929	2,460	4,635	1,096	2,728	4,867	1,826	3,858	6,297	2,317	4,322	6,639	2,833	4,819	7,019
Children (<15)	106	248	428	123	267	451	143	289	467	285	507	806	326	538	839
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	228	425	727	257	432	720	277	443	736	286	451	791	280	453	882

Himachal Pradesh

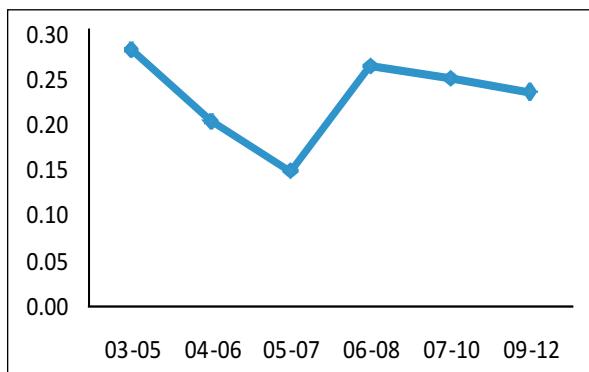
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	7	6	6	7	6	8	8	8	0.25	0.25	0.22	0.06	0.13	0.51	0.04	0.04
FSW	1	1	1	3	3	3	4		0	0.8	0	0.66	0.87	0.55	0.53	
MSM				1	1	1	1					0.44	0	0.4	1.23	
IDU						1	1							0.65	4.89	
SMM					1	1	1							0	0	0
LDT					1	1	1							0.4	0	0
TG																

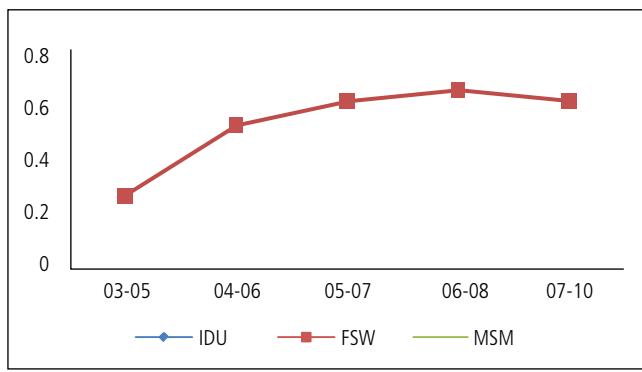
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Himachal Pradesh

HIV Estimations: 2007 – 2011

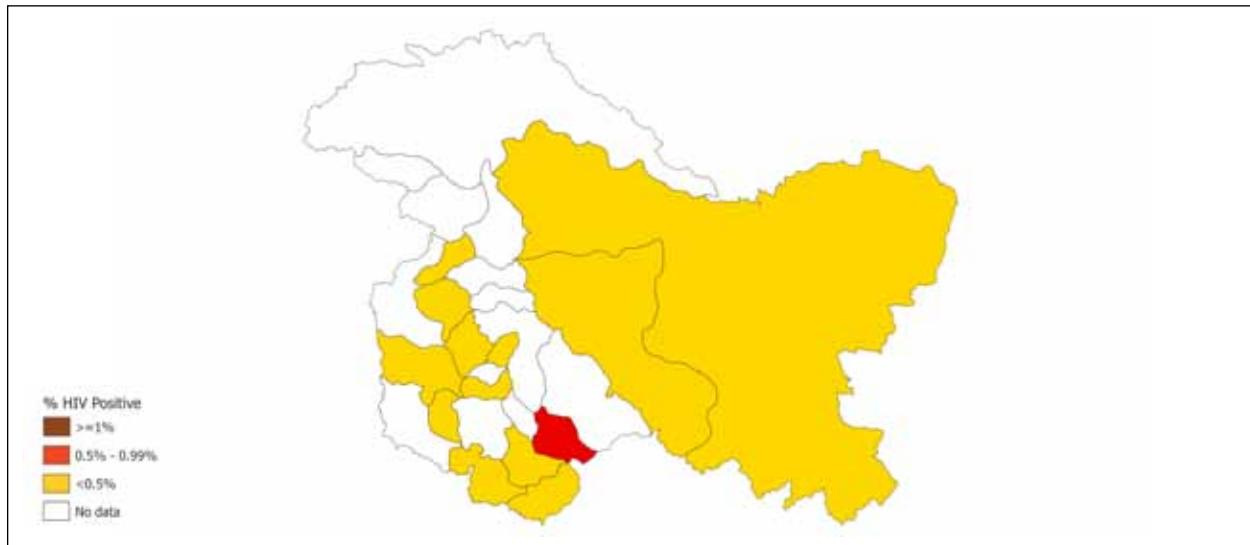
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	4,355	6,113	9,330	4,590	6,418	9,857	4,761	6,712	10,394	5,029	7,011	11,237	5,319	7,346	11,980
Children (<15 yr)	167	270	423	186	289	452	206	308	483	225	325	513	242	342	532
Adults (15-49 yr)	3,959	5,548	8,607	4,150	5,805	9,065	4,331	6,047	9,490	4,521	6,287	10,276	4,718	6,553	11,054
Elderly (>49 yr)	229	295	300	254	324	340	224	357	421	283	399	448	359	451	394
Male		3,700			3,875			4,043		4,214			4,407		
Female		2,414			2,542			2,667		2,796			2,939		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.11	0.16	0.24	0.11	0.16	0.25	0.12	0.16	0.26	0.12	0.17	0.27	0.12	0.17	0.29
Male		0.18			0.19			0.19		0.20					0.20
Female		0.12			0.13			0.13		0.14					0.14
Estimated No. of Annual New HIV Infections															
Total	445	723	1,713	387	696	1,772	362	693	1,784	346	687	1,826	327	677	1,824
Adults (15+)	387	675	1,771	325	648	1,812	303	643	1,773	290	637	1,811	276	626	1,787
Children (<15)	31	48	78	31	49	80	32	50	83	32	50	88	31	50	90
Estimated No. of Annual AIDS-related Deaths															
Total	256	412	658	244	391	643	256	402	671	239	397	693	178	355	681
Adults (15+)	239	389	615	228	368	606	238	379	633	222	373	651	163	331	636
Children (<15)	15	24	38	15	23	38	15	24	40	15	24	41	14	24	42
Estimated ART Need															
Total	699	1,157	1,814	840	1,280	1,960	1,267	1,769	2,648	1,496	2,033	3,001	1,718	2,272	3,280
Adults (15+)	646	1,070	1,676	776	1,181	1,807	1,188	1,656	2,476	1,361	1,845	2,711	1,558	2,059	2,960
Children (<15)	53	87	138	64	99	153	79	113	172	135	188	290	160	213	320
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	81	122	199	82	126	206	84	129	216	85	131	224	86	133	235

Jammu & Kashmir

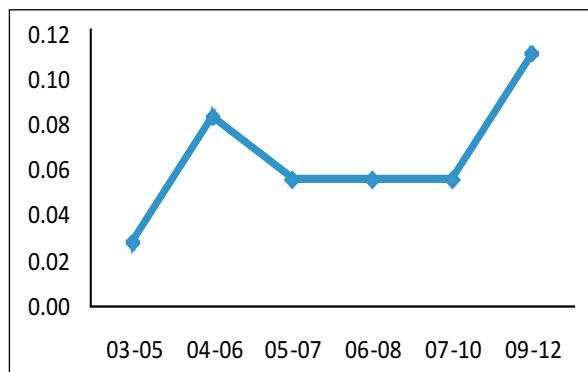
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	3	3	3	15	15	15	15	15		0.08		0.04	0.05		0.06	0.07
FSW				1		1	2					0		0	0	
MSM																
IDU	1	1	1	1		1	1		0	0	0	2.5		0	0	
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Jammu & Kashmir

HIV Estimations: 2007 – 2011

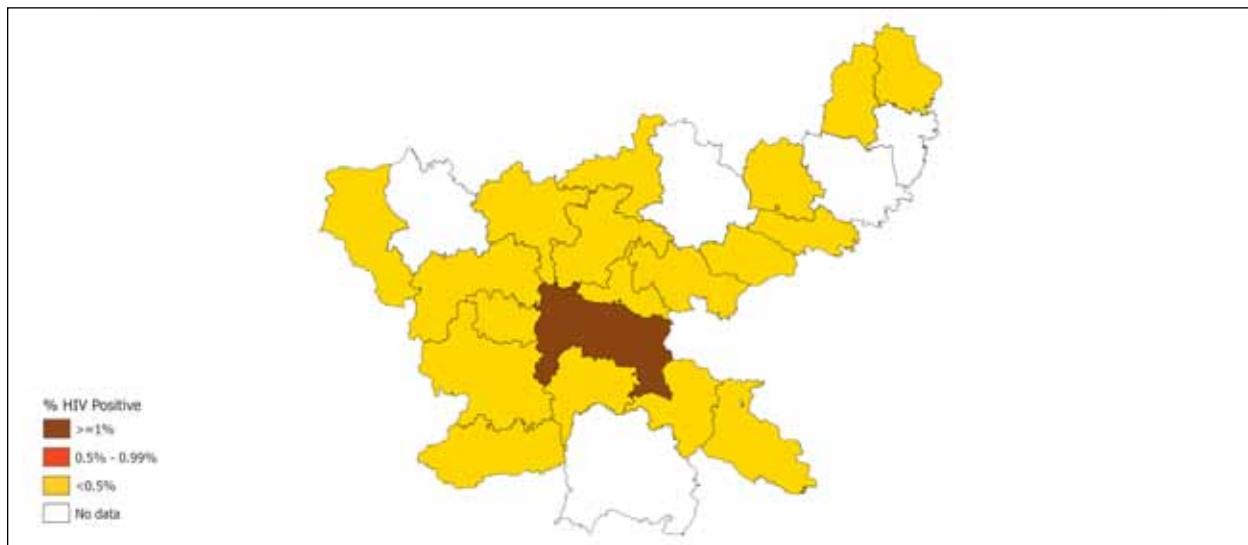
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	1,142	2,433	4,284	1,344	3,029	5,485	1,586	3,772	7,146	1,875	4,688	9,216	2,203	5,812	11,790
Children (<15 yr)	43	74	119	48	90	151	56	110	192	66	134	241	75	163	302
Adults (15-49 yr)	1,070	2,253	3,977	1,258	2,799	5,117	1,472	3,477	6,592	1,721	4,311	8,478	2,008	5,338	10,603
Elderly (>49 yr)	29	106	188	38	140	217	58	185	362	88	243	497	120	311	885
Male		1,551			1,927			2,397			2,976			3,683	
Female		882			1,100			1,375			1,711			2,127	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.02	0.04	0.06	0.02	0.04	0.08	0.02	0.05	0.10	0.03	0.06	0.12	0.03	0.08	0.15
Male		0.04			0.05			0.06			0.08			0.09	
Female		0.03			0.03			0.04			0.05			0.06	
Estimated No. of Annual New HIV Infections															
Total	190	542	1,099	214	647	1,384	251	796	1,761	297	990	2,209	345	1,231	2,751
Adults (15+)	180	524	1,068	204	627	1,349	240	771	1,718	283	958	2,139	329	1,192	2,684
Children (<15)	8	18	33	8	21	40	9	26	51	11	31	64	13	39	80
Estimated No. of Annual AIDS-related Deaths															
Total	30	75	136	23	66	155	25	73	191	27	103	261	31	146	360
Adults (15+)	26	69	125	21	59	143	22	65	178	22	92	245	25	132	338
Children (<15)	3	6	11	2	7	14	3	8	17	3	11	22	4	14	28
Estimated ART Need															
Total	184	254	344	286	460	600	392	586	841	530	818	1,278	682	1,058	1,706
Adults (15+)	171	231	308	262	430	551	359	544	774	481	730	1,121	621	946	1,503
Children (<15)	13	23	36	24	30	49	33	42	67	49	88	157	61	112	203
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	18	40	73	21	49	91	24	60	113	27	72	142	32	88	181

Jharkhand

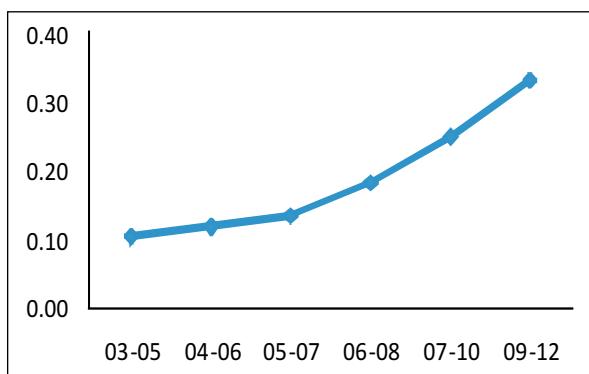
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	6	6	6	16	15	15	15	21	0.08	0.05	0.14	0.13	0.13	0.38	0.45	0.19
FSW	0	1	3	7	6	12	12				0.8	0.88	1.09	0.94	0.82	
MSM						1	1							2	0.4	
IDU				1		1	1					0.4		1.65	2.02	
SMM																
LDT							1								1.2	
TG																

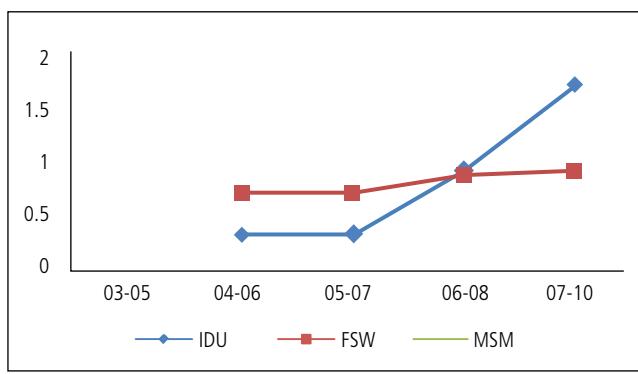
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Jharkhand

HIV Estimations: 2007 – 2011

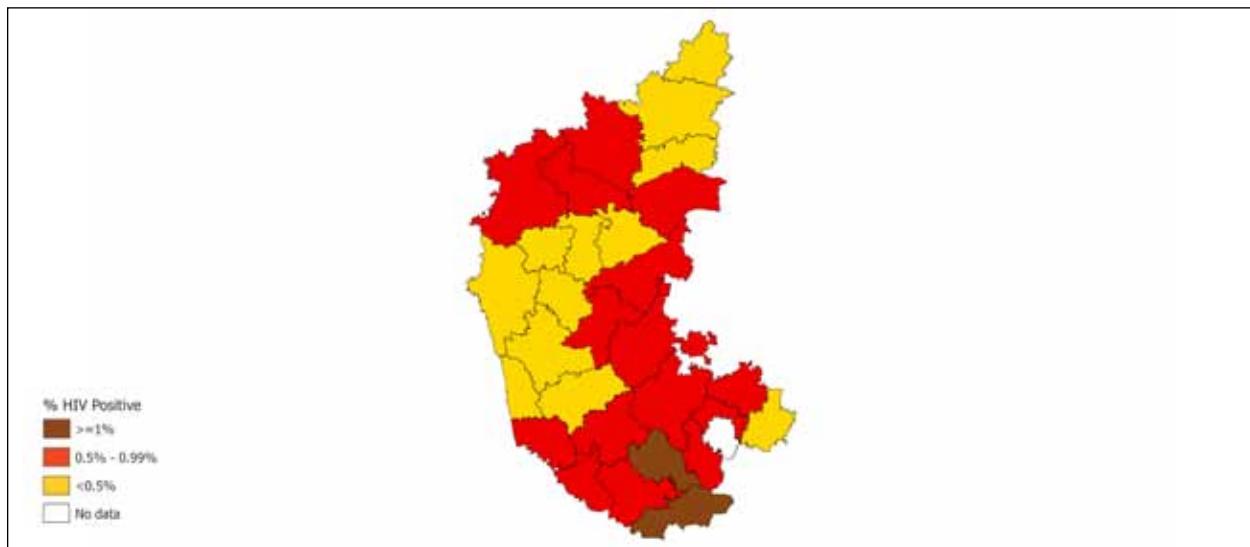
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	16,929	23,775	33,000	19,988	28,333	39,933	23,657	33,772	47,811	27,605	40,254	57,382	31,868	47,976	69,689
Children (<15 yr)	705	1,054	1,482	837	1,226	1,740	986	1,426	2,061	1,141	1,660	2,344	1,341	1,931	2,768
Adults (15-49 yr)	15,629	21,735	30,493	18,585	25,907	36,772	21,817	30,878	43,599	25,002	36,793	52,584	29,218	43,831	63,583
Elderly (>49 yr)	595	986	1,025	566	1,200	1,421	854	1,468	2,151	1,462	1,801	2,454	1,309	2,214	3,338
Male		14,628			17,408			20,728			24,688			29,407	
Female		9,146			10,925			13,045			15,568			18,569	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.10	0.14	0.19	0.11	0.16	0.23	0.13	0.18	0.26	0.15	0.21	0.31	0.16	0.25	0.36
Male		0.16			0.19			0.22			0.25			0.29	
Female		0.10			0.13			0.15			0.17			0.20	
Estimated No. of Annual New HIV Infections															
Total	3,338	4,924	7,109	3,803	5,795	8,583	4,347	6,877	10,163	4,817	8,149	12,325	5,226	9,670	14,939
Adults (15+)	3,139	4,621	6,721	3,553	5,441	8,079	3,949	6,461	9,562	4,541	7,657	11,717	4,848	9,085	14,185
Children (<15)	208	303	433	244	353	515	288	416	606	336	493	721	386	585	858
Estimated No. of Annual AIDS-related Deaths															
Total	733	1,118	1,594	820	1,256	1,811	963	1,494	2,123	1,090	1,677	2,469	1,225	1,947	2,846
Adults (15+)	662	1,008	1,451	728	1,129	1,651	851	1,307	1,926	964	1,505	2,233	1,088	1,745	2,586
Children (<15)	74	110	156	86	128	183	99	148	211	116	172	251	136	202	299
Estimated ART Need															
Total	1,854	2,842	4,026	2,321	3,418	4,824	3,777	5,306	7,430	5,051	6,970	9,727	6,156	8,495	11,703
Adults (15+)	1,629	2,505	3,554	2,050	3,023	4,268	3,453	4,840	6,764	4,315	5,914	8,207	5,274	7,238	9,894
Children (<15)	225	337	472	271	395	556	324	466	666	736	1,056	1,520	882	1,257	1,809
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	516	746	1,076	612	886	1,272	723	1,051	1,510	863	1,255	1,823	999	1,505	2,197

Karnataka

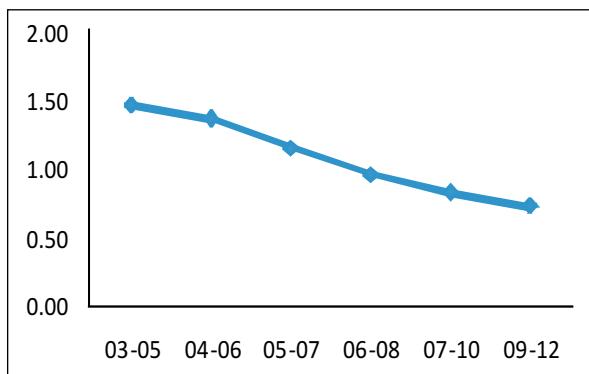
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	27	27	27	27	27	31	60	62	1.43	1.52	1.49	1.12	0.86	0.89	0.69	0.53
FSW	1	1	3	5	4	6	27		14.4	21.6	18.39	8.64	5.3	14.4	5.1	
MSM	1	1	1	1	1	3	7		10.8	10	11.61	19.2	17.6	12.52	5.36	
IDU	1	1		1	1	1	2		2.8	0		3.6	2	2	0	
SMM							1									0
LDT							1									3.2
TG																

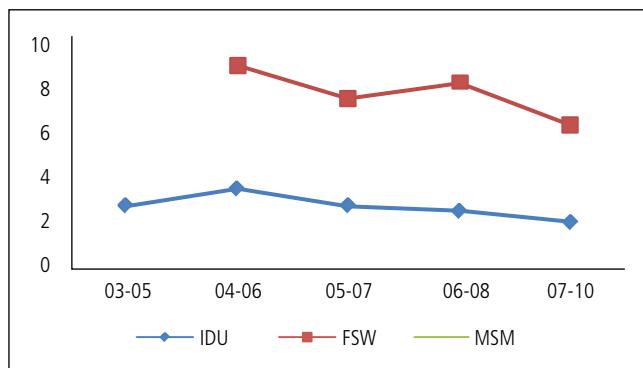
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Karnataka

HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	2,08,520	2,39,894	2,74,464	1,97,949	2,28,552	2,61,981	1,89,077	2,18,949	2,52,420	1,82,291	2,12,612	2,48,242	1,77,995	2,09,368	2,46,718
Children (<15 yr)	12,754	15,545	19,684	12,712	15,465	19,579	12,464	15,230	19,298	12,089	14,792	18,837	11,474	14,195	18,086
Adults (15-49 yr)	1,84,502	2,11,744	2,41,846	1,72,385	2,00,613	2,30,948	1,64,800	1,91,054	2,20,015	1,58,348	1,84,429	2,15,926	1,52,035	1,80,491	2,13,675
Elderly (>49 yr)	11,264	12,605	12,934	12,252	12,474	11,454	11,813	12,665	13,107	11,854	13,391	13,479	14,486	14,682	14,957
Male		1,46,056			1,38,469				1,32,082		1,27,779			1,25,449	
Female		93,838			90,082				86,865		84,834			83,917	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.58	0.67	0.76	0.53	0.62	0.71	0.50	0.58	0.67	0.47	0.55	0.64	0.44	0.52	0.62
Male		0.80			0.74			0.68			0.65			0.62	
Female		0.53			0.50			0.47			0.44			0.43	
Estimated No. of Annual New HIV Infections															
Total	8,721	12,787	17,281	7,385	11,646	16,183	6,382	10,882	15,566	5,736	10,350	15,186	5,243	9,986	14,992
Adults (15+)	7,050	11,126	15,460	6,124	10,299	14,754	5,389	9,695	14,227	4,878	9,285	13,862	4,507	9,024	13,721
Children (<15)	1,277	1,661	2,195	1,019	1,347	1,778	888	1,187	1,571	777	1,065	1,434	670	962	1,331
Estimated No. of Annual AIDS-related Deaths															
Total	21,877	25,510	29,473	19,642	23,136	26,940	17,281	20,686	24,237	13,732	16,927	20,413	10,459	13,514	16,989
Adults (15+)	20,854	24,253	27,966	18,676	22,006	25,476	16,403	19,671	23,104	12,865	16,001	19,367	9,774	12,679	15,972
Children (<15)	1,016	12,56	1,610	904	1,130	1,462	787	1,015	1,329	700	926	1,238	617	835	1,136
Estimated ART Need															
Total	65,271	75,438	87,851	65,148	75,120	86,470	76,947	88,341	1,00,907	79,273	90,455	1,03,337	82,670	93,383	1,05,784
Adults (15+)	61,108	70,337	81,117	60,821	69,864	79,780	72,435	82,900	94,095	73,389	83,268	94,271	76,674	86,083	96,732
Children (<15)	4,163	5,101	6,734	4,327	5,256	6,690	4,512	5,441	6,812	5,884	7,187	9,066	5,996	7,300	9,052
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	3,395	4,377	5,716	3,000	3,813	4,905	2,678	3,454	4,399	2,411	3,188	4,128	2,175	2,943	3,927

Kerala

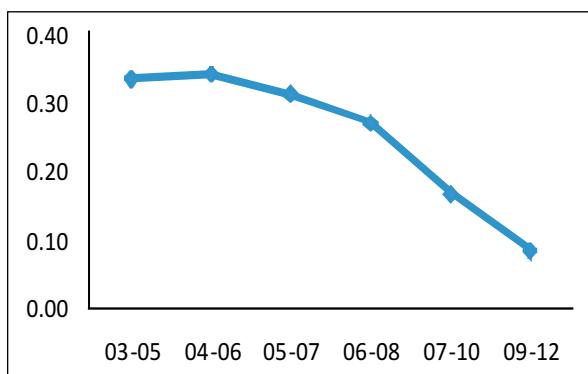
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	4	4	4	6	6	6	10	10	0.09	0.42	0.32	0.21	0.46	0.21	0.13	0.03
FSW	3			5	6	6	10		1.94			0.32	0.87	1.46	0.73	
MSM		1	1	5	5	5	8			0.89	3.2	0.64	0.96	0.75	0.36	
IDU		1	1	3	3	3	3			2.58	5.19	9.57	7.85	3.04	4.95	
SMM							1								0	
LDT				1	1	1	1						2.4	3.6	0.8	0
TG																

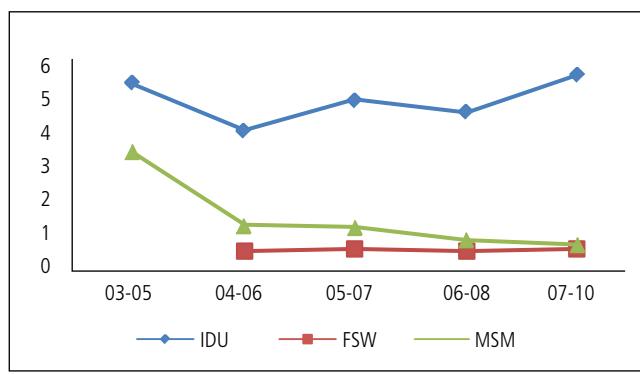
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Kerala

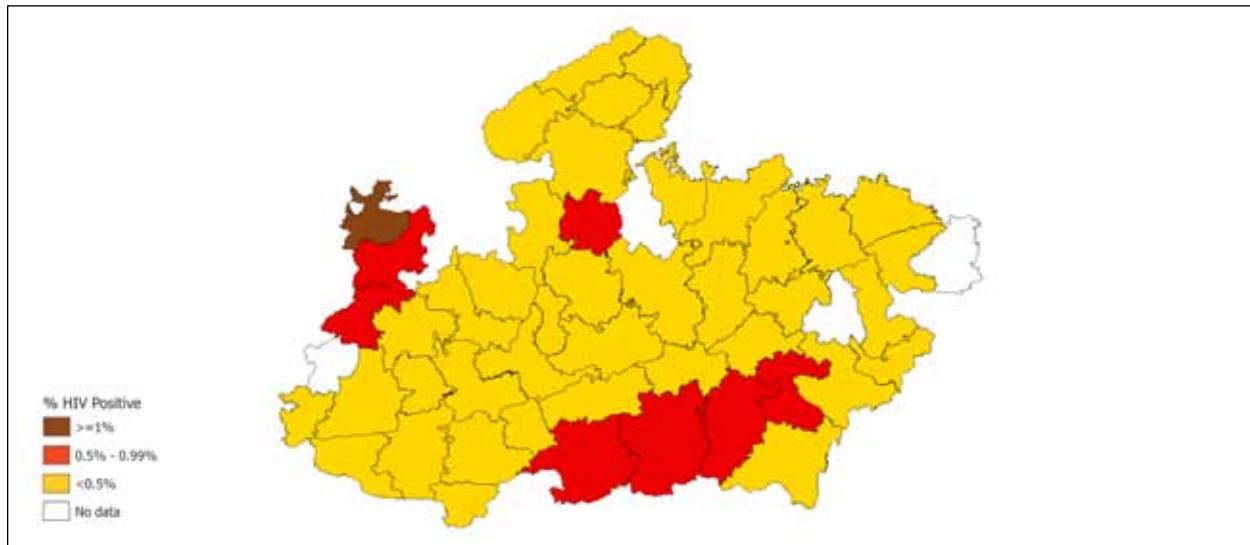
HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	17,128	28,187	43,244	17,500	27,611	41,652	17,570	26,787	40,570	17,496	25,925	40,471	17,189	25,090	39,451
Children (<15 yr)	559	1,109	1,841	631	1,207	2,000	708	1,291	2,105	762	1,358	2,191	805	1,408	2,282
Adults (15-49 yr)	15,694	25,549	38,323	15,916	24,774	36,662	15,810	23,766	36,631	15,213	22,725	35,261	14,746	21,715	33,587
Elderly (>49 yr)	875	1,529	3,080	953	1,630	2,990	1,052	1,730	1,834	1,521	1,842	3,019	1,638	1,967	3,582
Male	16,398			15,984			15,430			14,857			14,306		
Female	11,790			11,627			11,354			11,070			10,786		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.09	0.14	0.21	0.09	0.14	0.20	0.09	0.13	0.20	0.08	0.13	0.20	0.08	0.12	0.19
Male		0.17			0.17			0.16			0.15			0.14	
Female		0.11			0.11			0.11			0.10			0.10	
Estimated No. of Annual New HIV Infections															
Total	940	1,739	4,322	707	1,392	3,857	591	1,185	3,413	518	1,068	3,094	458	978	2,836
Adults (15+)	641	1,499	4,555	449	1,161	3,895	355	965	3,186	311	863	2,785	279	789	2,585
Children (<15)	132	240	390	134	231	382	129	220	363	125	205	346	114	189	323
Estimated No. of Annual AIDS-related Deaths															
Total	609	1,726	3,130	666	1,792	3,142	799	1,870	3,200	806	1,825	3,117	760	1,738	3,067
Adults (15+)	567	1,622	2,936	617	1,684	2,959	734	1,760	3,037	735	1,715	2,955	700	1,630	2,914
Children (<15)	51	105	175	56	109	183	57	110	184	57	109	184	58	108	183
Estimated ART Need															
Total	2,709	5,786	9,739	3,519	6,760	10,657	5,378	9,204	13,676	6,483	10,209	14,905	7,274	10,838	15,652
Adults (15+)	2,521	5,430	9,159	3,284	6,352	10,005	5,109	8,754	12,967	6,015	9,442	13,685	6,762	10,036	14,395
Children (<15)	188	356	580	235	408	652	269	450	709	468	767	1,220	512	802	1,257
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	369	640	1,030	362	616	996	340	576	949	331	531	882	301	485	815

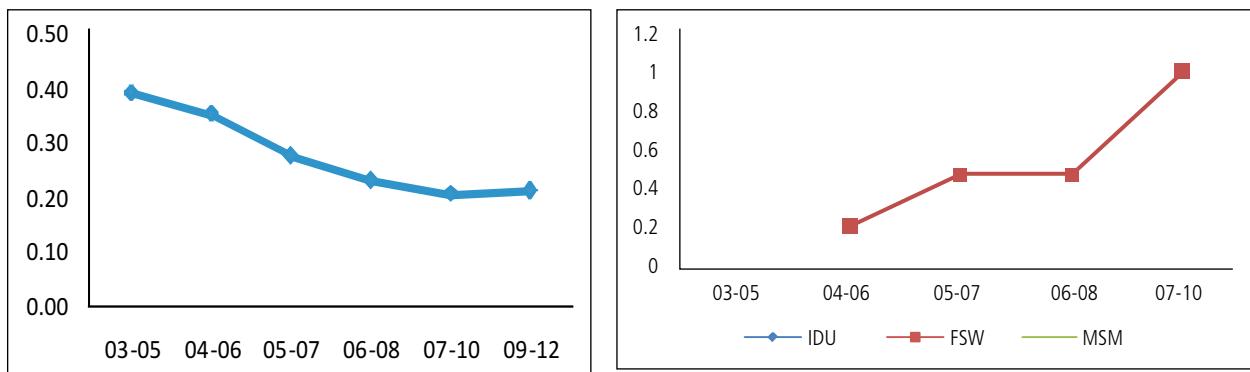
Madhya Pradesh

HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	13	13	13	36	36	36	37	47	0.42	0.38	0.27	0.26	0.25	0.26	0.32	0.14
FSW			3	3	3	3	5				1.82	1.07	0.67	-	0.93	
MSM						1	2							-	7.94	
IDU						1	2							-	5.13	
SMM																
LDT							1								2.47	
TG																



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Madhya Pradesh

HIV Estimations: 2007 – 2011

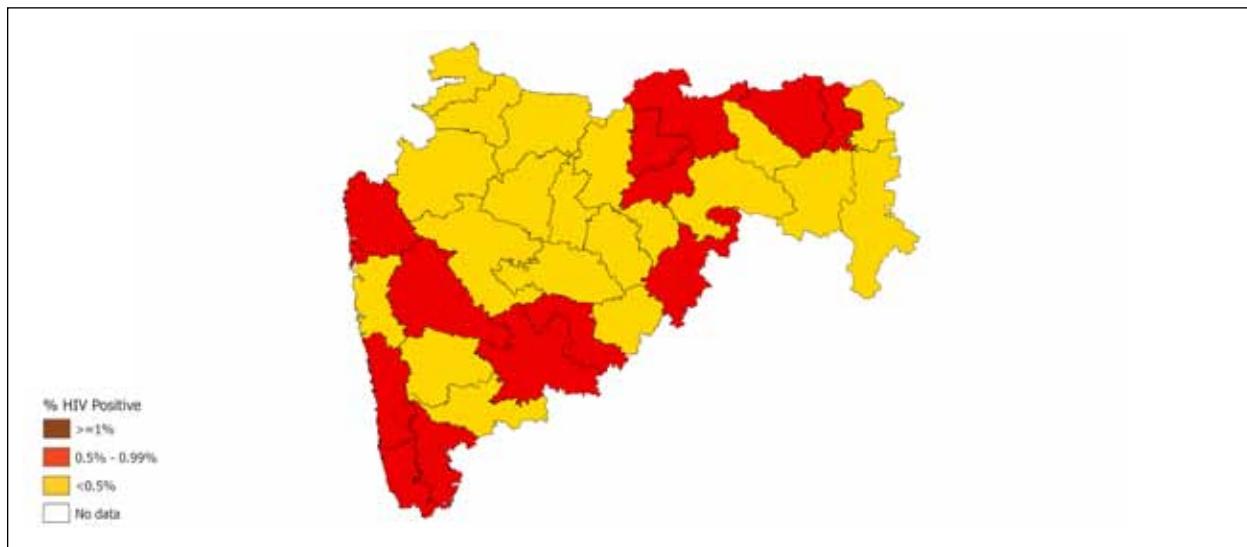
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	36,054	44,256	53,001	35,344	43,126	51,834	34,595	42,039	50,820	33,759	41,100	49,716	33,103	40,451	49,120
Children (<15 yr)	2,456	3,208	4,419	2,646	3,431	4,582	2,790	3,601	4,742	2,867	3,722	4,829	2,926	3,789	4,884
Adults (15-49 yr)	31,698	38,788	45,987	31,032	37,421	44,635	29,987	36,136	43,218	28,747	35,022	42,057	27,997	34,205	41,346
Elderly (>49 yr)	1,900	2,260	2,595	1,666	2,274	2,617	1,818	2,302	2,860	2,145	2,356	2,830	2,180	2,457	2,890
Male		27,432			26,602			25,822			25,154			24,681	
Female		16,822			16,524			16,217			15,947			15,769	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.09	0.11	0.13	0.09	0.11	0.13	0.08	0.10	0.12	0.08	0.09	0.09	0.11	0.07	0.09
Male		0.13			0.13			0.12			0.11				0.10
Female		0.08			0.08			0.08			0.07				0.07
Estimated No. of Annual New HIV Infections															
Total	2,118	2,826	3,981	2,022	2,765	3,998	2,019	2,822	4,134	1,952	2,846	4,310	1,886	2,874	4,415
Adults (15+)	1,459	2,154	3,368	1,376	2,132	3,413	1,451	2,238	3,550	1,459	2,308	3,727	1,457	2,387	3,862
Children (<15)	488	672	882	462	633	845	429	584	787	401	538	722	360	487	649
Estimated No. of Annual AIDS-related Deaths															
Total	2,841	3,722	4,642	2,871	3,706	4,598	2,912	3,711	4,577	2,772	3,580	4,411	2,539	3,324	4,149
Adults (15+)	2,560	3,410	4,275	2,594	3,391	4,198	2,659	3,396	4,197	2,522	3,272	4,050	2,290	3,028	3,789
Children (<15)	239	312	408	241	315	413	242	314	408	235	309	400	224	297	389
Estimated ART Need															
Total	7,896	10,530	13,442	8,970	11,437	14,089	11,795	14,615	17,602	12,841	15,742	18,862	13,199	16,026	19,012
Adults (15+)	7,154	9,553	12,031	8,141	10,362	12,600	10,892	13,452	16,028	11,330	13,799	16,369	11,661	14,064	16,510
Children (<15)	742	977	1,411	829	1,075	1,489	903	1,163	1,574	1,511	1,943	2,493	1,538	1,962	2,502
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	1,239	1,711	2,310	1,175	1,599	2,151	1,095	1,485	1,987	1,033	1,381	1,835	955	1,277	1,696

Maharashtra

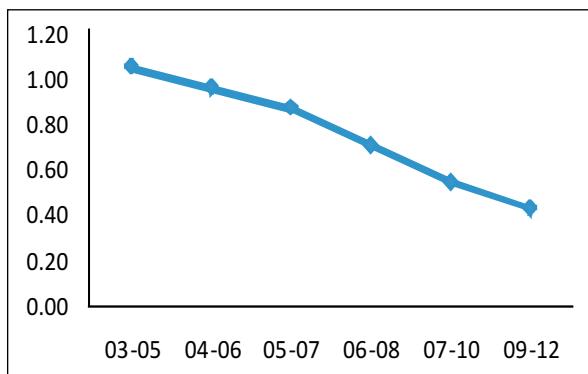
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	39	39	39	40	40	41	75	75	1.15	0.97	1.07	0.87	0.76	0.61	0.42	0.40
FSW	1	3	12	13	13	22	22		54.29	41.69	23.62	19.57	17.91	10.77	6.89	
MSM	1	2	2	2	2	4	7		18.8	11.2	10.4	15.6	11.8	11.9	9.91	
IDU	1	1	1	1	1	1	1		22.89	29.2	12.8	20.4	24.4	20	14.17	
SMM				1	1	2	3						2.4	1.6	3	1.07
LDT							3									1.61
TG					1	1	1						29.6	42.21	16.4	18.8

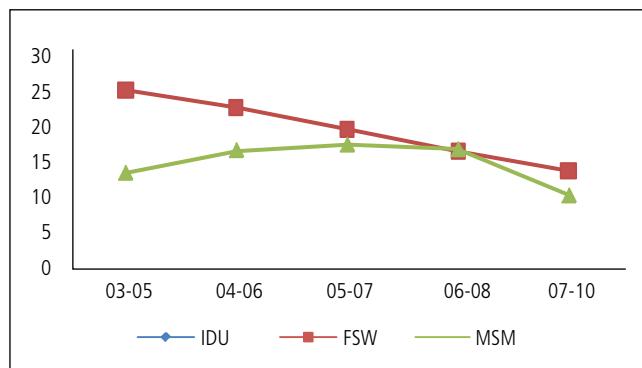
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Maharashtra

HIV Estimations: 2007 – 2011

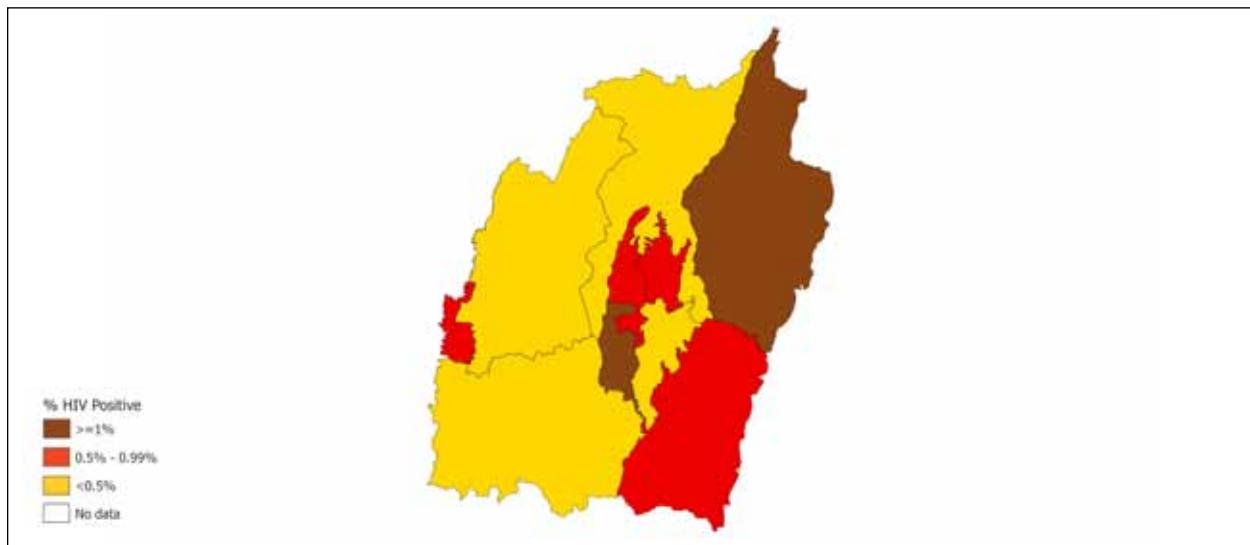
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	3,55,906	4,09,760	4,66,653	3,28,501	3,79,822	4,35,502	3,04,568	3,53,569	4,08,477	2,84,470	3,32,342	3,87,633	2,68,304	3,15,849	3,70,703
Children (<15 yr)	28,142	35,360	44,903	27,533	34,455	43,669	26,394	33,053	42,009	24,941	31,175	39,561	23,179	28,982	36,633
Adults (15-49 yr)	3,07,208	3,52,970	4,02,008	2,81,760	3,24,442	3,72,200	2,59,106	2,99,534	3,47,928	2,38,336	2,79,434	3,24,236	2,21,703	2,63,692	3,07,786
Elderly (>49 yr)	20,556	21,430	19,742	19,208	20,925	19,633	19,068	20,982	18,540	21,193	21,733	23,836	23,422	23,175	26,284
Male		2,53,028			2,33,445			2,16,443		2,02,757			192,138		
Female		1,56,731			1,46,376			1,37,126		1,29,582			123,714		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.53	0.61	0.70	0.48	0.55	0.63	0.43	0.50	0.58	0.39	0.45	0.53	0.35	0.42	0.49
Male		0.72			0.65			0.58			0.53			0.49	
Female		0.48			0.44			0.40			0.37			0.35	
Estimated No. of Annual New HIV Infections															
Total	6,164	13,508	21,913	4,251	10,956	19,105	3,370	9,410	17,812	2,557	8,209	16,969	1,988	7,274	16,278
Adults (15+)	2,496	10,431	19,371	1,487	8,510	17,014	1,251	7,397	15,933	1,033	6,570	15,106	856	5,893	14,431
Children (<15)	2,337	3,077	4,082	1,817	2,446	3,251	1,483	2,013	2,758	1,150	1,639	2,291	908	1,382	2,007
Estimated No. of Annual AIDS-related Deaths															
Total	39,912	47,343	54,952	33,934	40,734	47,671	29,232	35,522	41,941	23,538	29,350	35,401	18,436	23,764	29,497
Adults (15+)	37,725	44,629	51,966	31,935	38,279	44,854	27,457	33,320	39,458	22,000	27,389	33,226	16,803	22,024	27,446
Children (<15)	2,144	2,714	3,460	1,916	2,455	3,156	1,699	2,201	2,870	1,477	1,962	2,581	1,282	1,740	2,324
Estimated ART Need															
Total	1,25,817	1,47,265	1,72,059	1,24,808	1,44,497	1,66,372	144,867	1,65,583	1,88,495	1,47,733	1,67,030	1,88,889	1,50,236	1,68,254	1,87,901
Adults (15+)	1,16,458	1,35,453	1,56,477	1,15,294	1,32,545	1,51,076	135,258	1,53,596	1,73,409	1,36,126	1,52,471	1,70,628	1,38,892	1,54,189	1,70,313
Children (<15)	9,359	11,812	15,582	9,514	11,952	15,296	9,609	11,987	15,086	11,607	14,559	18,261	11,344	14,065	17,588
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	5,868	7,700	10,081	4,922	6,386	8,384	4,128	5,388	7,202	3,309	4,489	6,079	2,638	3,796	5,327

Manipur

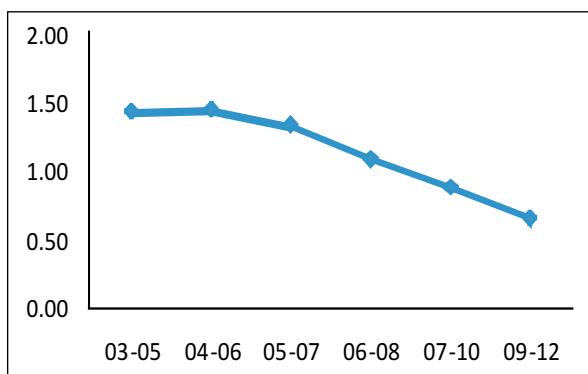
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	10	10	10	10	10	10	14	14	1.34	1.66	1.3	1.39	1.31	0.54	0.78	0.64
FSW	1	1	3	3	3	3	4		12.8	12.4	10	11.6	13.07	10.87	2.8	
MSM		1	1	1	1	1	1		29.2	14	15.6	10.4	16.4	17.21	10.53	
IDU	3	4	4	4	4	4	11		24.47	21	24.1	19.8	17.9	28.65	12.89	
SMM																
LDT																
TG				1									-			

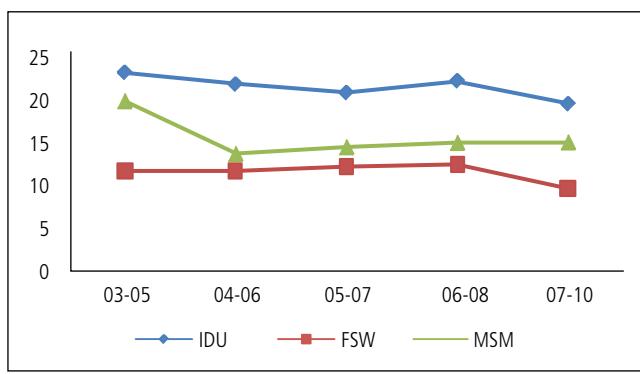
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Manipur

HIV Estimations: 2007 – 2011

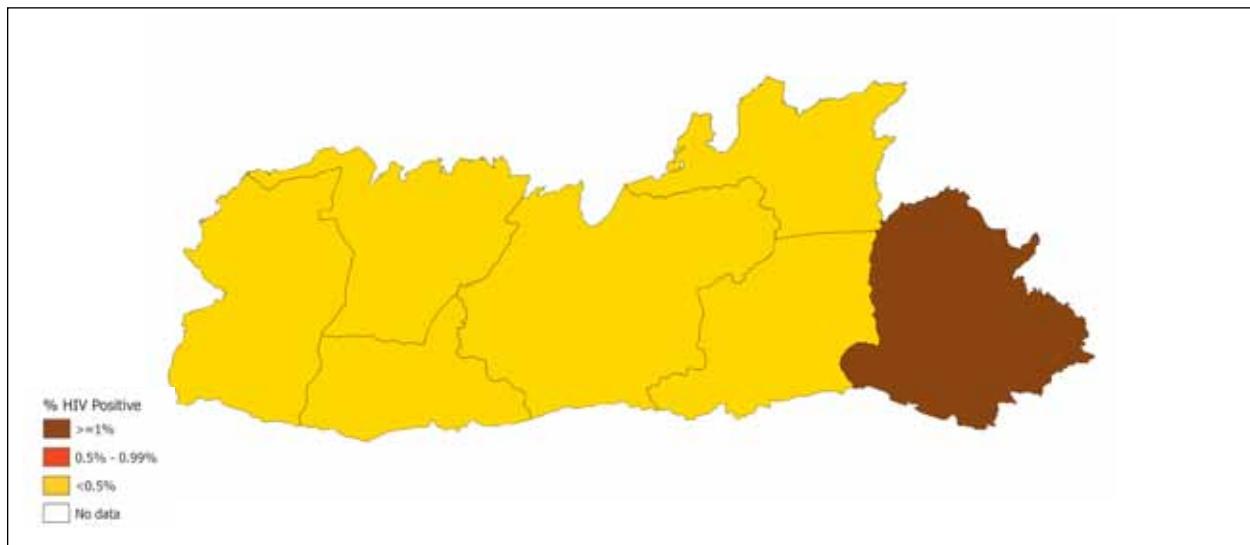
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	19,989	26,569	37,213	19,740	26,300	36,868	19,647	26,024	36,851	19,231	25,696	36,604	18,663	25,369	36,468
Children (<15 yr)	1,137	1,581	2,216	1,161	1,607	2,293	1,169	1,609	2,327	1,145	1,590	2,305	1,124	1,552	2,253
Adults (15-49 yr)	15,996	21,290	30,144	15,658	20,871	29,681	15,278	20,438	29,085	14,756	19,953	28,653	14,212	19,464	28,167
Elderly (>49 yr)	2,856	3,698	4,853	2,921	3,822	4,894	3,200	3,977	5,439	3,330	4,153	5,646	3,327	4,353	6,048
Male	16,109			15,888			15,671			15,434			15,204		
Female	10,460			10,409			10,349			10,260			10,166		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	1.13	1.51	2.13	1.07	1.43	2.04	1.02	1.36	1.94	0.95	1.29	1.85	0.89	1.22	1.76
Male		1.78			1.68			1.59			1.50				1.41
Female		1.23			1.18			1.13			1.08				1.03
Estimated No. of Annual New HIV Infections															
Total	1,034	1,926	3,361	799	1,775	3,314	744	1,712	3,250	654	1,588	3,034	583	1,493	2,903
Adults (15+)	825	1,730	3,122	616	1,594	3,103	574	1,544	3,031	508	1,433	2,824	455	1,354	2,736
Children (<15)	136	196	297	126	181	280	115	168	257	106	156	238	91	139	216
Estimated No. of Annual AIDS-related Deaths															
Total	1,528	2,372	3,771	1,241	2,117	3,569	1,182	2,059	3,497	1,140	1,999	3,399	1,060	1,905	3,319
Adults (15+)	1,435	2,260	3,602	1,163	2,012	3,442	1,119	1,956	3,349	1,085	1,900	3,260	994	1,813	3,208
Children (<15)	74	111	167	67	105	163	65	103	162	62	99	158	57	92	150
Estimated ART Need															
Total	6,334	8,380	11,706	6,996	8,947	12,209	8,775	10,977	14,692	9,594	11,765	15,254	10,172	12,289	15,740
Adults (15+)	5,936	7,831	10,928	6,555	8,352	11,389	8,287	10,338	13,814	8,954	10,910	14,047	9,499	11,422	14,531
Children (<15)	398	549	778	441	595	820	488	639	878	640	855	1,207	673	867	1,209
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	365	505	733	337	468	679	312	432	621	286	398	585	251	358	533

Meghalaya

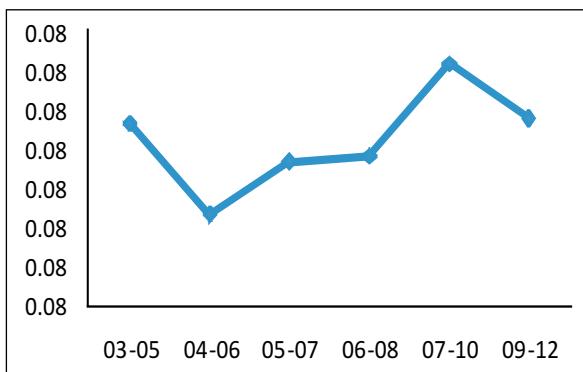
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	1	1	1	1	1	1	7	8	0.35	0	0	0.09	0	0.04	0.05	0.26
FSW																
MSM																
IDU	1	1	1	1	1		1		0	0	0	3.33	4.17		6.44	
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Meghalaya

HIV Estimations: 2007 – 2011

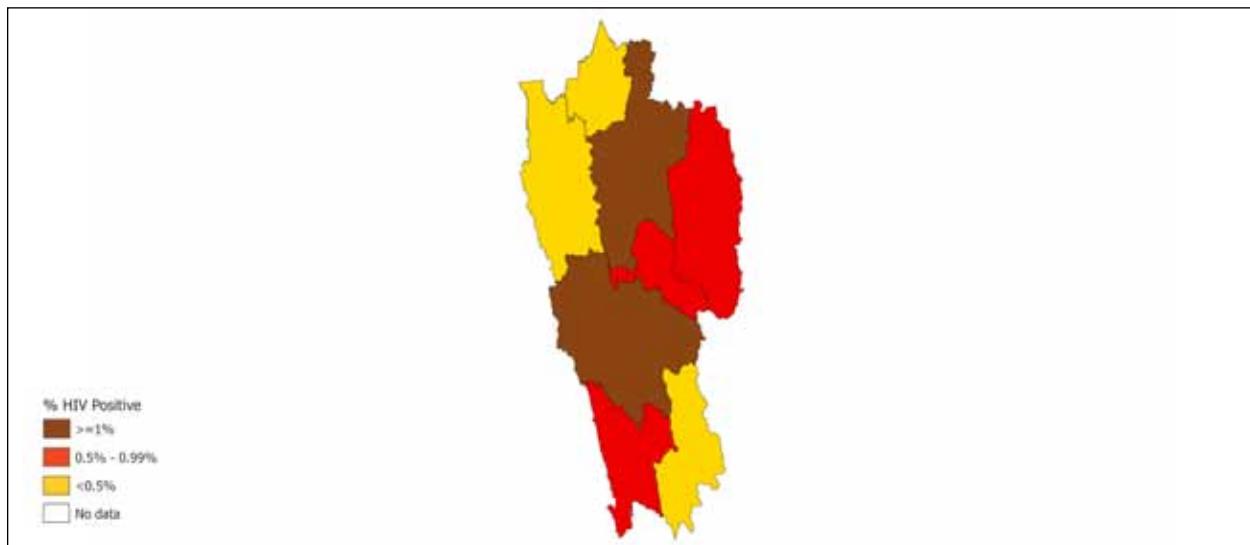
	2007				2008				2009				2010				2011			
Indicator	Lower Bound	Estimate	Upper Bound																	
Estimated No. of PLHIV																				
Total	612	1,085	3,163	722	1,317	3,736	857	1,602	4,514	1,023	1,952	5,462	1,195	2,381	6,106					
Children (<15 yr)	22	37	90	25	42	108	27	48	128	31	55	145	34	63	170					
Adults (15-49 yr)	584	1,002	2,882	682	1,219	3,331	811	1,484	4,061	949	1,809	4,958	1,109	2,206	5,632					
Elderly (>49 yr)	6	46	191	15	56	297	19	70	325	43	88	359	52	112	304					
Male		662			800			973			1,185			1,442						
Female		424			517			629			769			938						
Estimated Adult (15-49 yr) HIV Prevalence (%)																				
Total	0.04	0.07	0.20	0.04	0.08	0.22	0.05	0.09	0.25	0.06	0.11	0.30	0.06	0.13	0.32					
Male		0.08			0.10			0.11			0.13			0.15						
Female		0.05			0.06			0.07			0.09			0.10						
Estimated No. of Annual New HIV Infections																				
Total	119	229	638	137	275	760	160	331	913	185	399	1,153	216	480	1,471					
Adults (15+)	112	218	616	131	263	735	151	317	881	176	382	1,115	204	460	1,423					
Children (<15)	6	11	31	7	13	37	7	14	43	9	17	50	10	20	56					
Estimated No. of Annual AIDS-related Deaths																				
Total	31	52	129	34	60	164	37	69	203	37	77	242	39	88	284					
Adults (15+)	28	47	117	31	55	151	33	63	189	34	71	227	35	81	266					
Children (<15)	2	4	11	3	5	13	3	5	16	3	6	17	3	7	21					
Estimated ART Need																				
Total	74	125	285	90	152	381	144	241	659	187	318	888	234	398	1,102					
Adults (15+)	67	113	256	82	138	346	135	225	618	167	281	786	212	355	984					
Children (<15)	7	12	29	8	14	35	9	16	41	20	37	102	22	43	118					
Estimated No. of Mothers needing PPTCT																				
Mothers needing PPTCT	16	28	82	18	34	98	21	40	115	25	48	135	29	57	157					

Mizoram

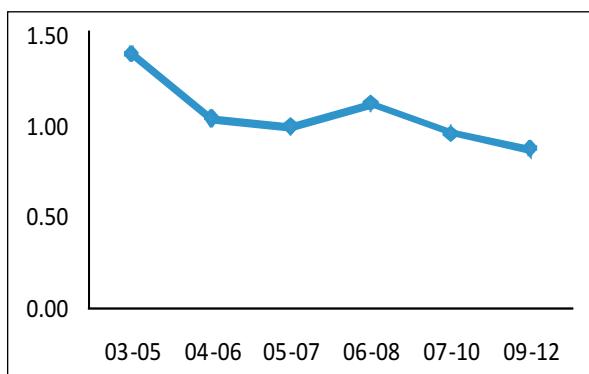
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	3	3	3	4	8	8	9	9	1.7	1.5	0.81	0.94	0.85	0.72	0.4	0.68
FSW		1	1	1	1	1	1			13.69	14	10.4	7.2	9.2	-	
MSM																
IDU	2	2	3	8	5	5	5		6.4	6.8	4.8	3.05	7.53	5.28	12.01	
SMM						1	1							0.8	1.22	
LDT																
TG																

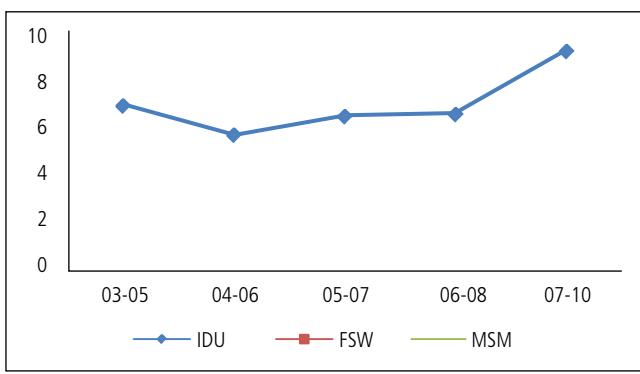
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Mizoram

HIV Estimations: 2007 – 2011

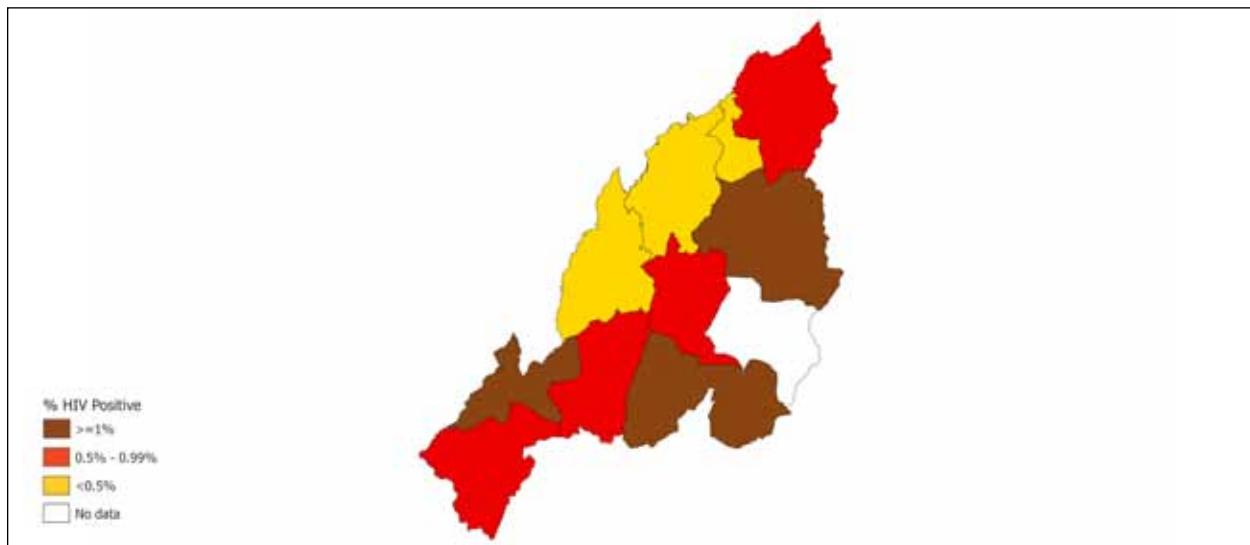
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	3,103	4,947	7,823	3,188	5,010	7,872	3,305	5,086	7,958	3,396	5,197	8,161	3,566	5,346	8,380
Children (<15 yr)	121	203	375	132	218	385	143	230	403	151	242	409	160	251	412
Adults (15-49 yr)	2,822	4,494	7,063	2,851	4,531	7,091	2,930	4,578	7,213	2,994	4,650	7,429	3,118	4,751	7,501
Elderly (>49 yr)	160	250	385	205	261	396	232	278	342	251	305	323	288	344	467
Male		3,043			3,066		3,095			3,144			3,220		
Female		1,903			1,947		1,995			2,051			2,126		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.50	0.79	1.24	0.49	0.77	1.21	0.49	0.76	1.20	0.48	0.75	1.20	0.49	0.74	1.17
Male		0.95			0.93			0.91			0.89			0.88	
Female		0.62			0.61			0.61			0.60			0.60	
Estimated No. of Annual New HIV Infections															
Total	262	431	775	253	424	796	241	419	799	228	412	804	216	407	799
Adults (15+)	238	394	726	229	389	745	217	387	760	204	380	755	194	376	748
Children (<15)	22	37	63	21	35	60	20	32	58	20	32	56	19	32	55
Estimated No. of Annual AIDS-related Deaths															
Total	223	382	653	220	379	670	198	363	660	157	324	619	113	286	580
Adults (15+)	213	363	625	209	361	637	189	346	636	145	309	587	103	270	552
Children (<15)	11	19	34	10	18	34	9	17	32	9	16	31	8	16	30
Estimated ART Need															
Total	618	1,030	1,787	702	1,130	1,928	950	1,509	2,451	1,099	1,678	2,654	1,352	1,843	2,800
Adults (15+)	582	969	1,667	661	1,062	1,800	903	1,434	2,317	1,017	1,550	2,433	1,257	1,702	2,571
Children (<15)	36	61	120	41	68	128	47	75	134	82	128	221	95	141	229
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	60	97	159	62	98	159	62	98	160	63	99	162	65	100	161

Nagaland

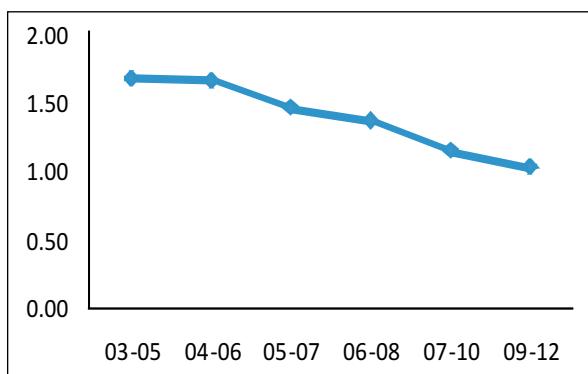
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	8	8	8	11	11	11	19	13	1.69	1.85	1.97	1.36	1.1	1.14	0.66	0.88
FSW	1	1	1	1	1	1	1		4.4	4.44	10.8	16.4	8.91	14.06	3.21	
MSM							1									13.58
IDU	5	7	7	8	8	8	8		8.43	3.22	4.51	2.39	1.91	3.17	2.21	
SMM																
LDT							1									
TG																

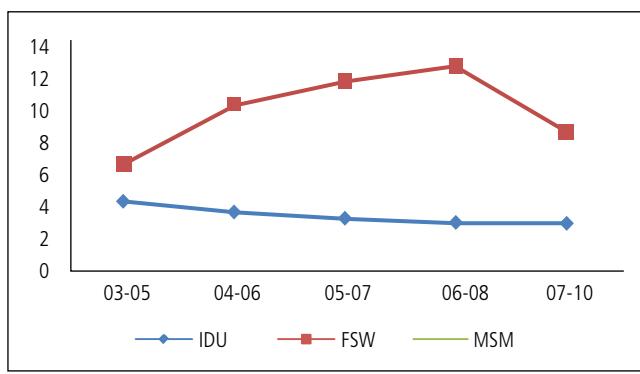
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Nagaland

HIV Estimations: 2007 – 2011

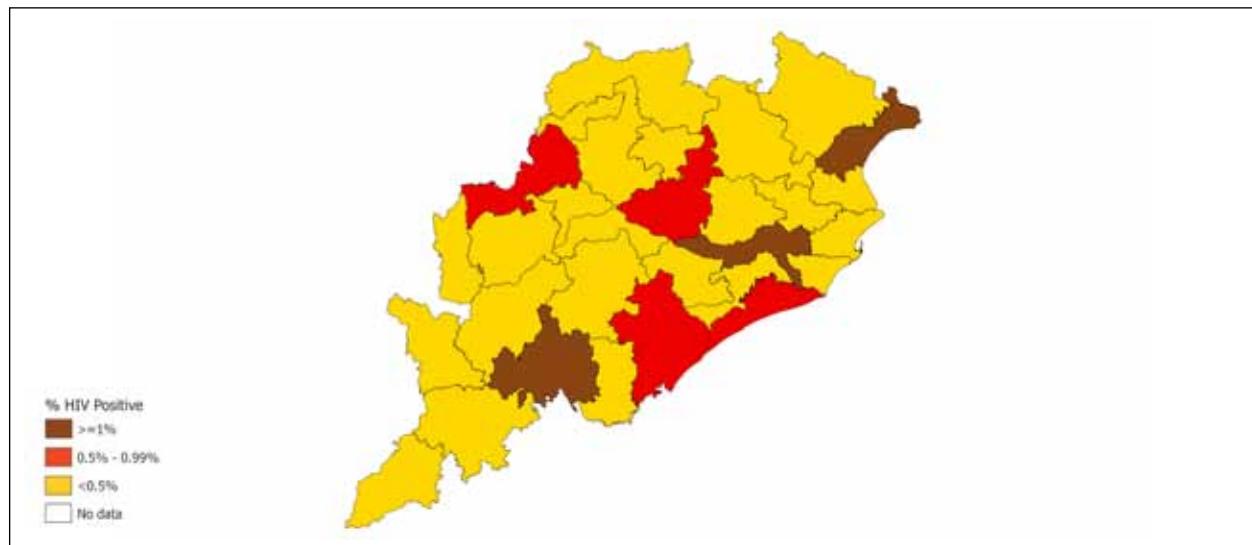
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	6,571	9,354	13,203	6,641	9,378	13,177	6,696	9,425	13,294	6,779	9,529	13,449	6,946	9,716	13,726
Children (<15 yr)	362	534	815	376	548	811	382	554	805	381	553	813	377	547	802
Adults (15-49 yr)	5,897	8,313	11,692	5,957	8,293	11,851	5,952	8,290	11,887	5,931	8,335	11,992	5,974	8,445	12,136
Elderly (>49 yr)	312	507	696	308	537	515	362	581	602	467	641	644	595	724	788
Male		5,830			5,819			5,828			5,875			5,971	
Female		3,524			3,556			3,595			3,654			3,744	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.58	0.82	1.16	0.57	0.79	1.13	0.55	0.76	1.10	0.53	0.74	1.07	0.51	0.73	1.04
Male		0.98			0.95			0.91			0.88			0.86	
Female		0.64			0.62			0.60			0.59			0.58	
Estimated No. of Annual New HIV Infections															
Total	454	739	1,121	408	689	1,069	385	659	1,028	362	631	989	352	616	968
Adults (15+)	401	667	1,013	363	621	964	345	596	936	322	573	899	314	560	884
Children (<15)	48	72	110	44	68	105	41	63	98	37	59	92	34	56	89
Estimated No. of Annual AIDS-related Deaths															
Total	555	839	1,247	494	778	1,171	452	739	1,142	381	666	1,072	299	581	985
Adults (15+)	527	793	1,177	464	733	1,112	425	696	1,074	355	625	1,013	269	542	931
Children (<15)	30	46	70	29	45	68	28	43	66	26	41	64	24	39	63
Estimated ART Need															
Total	1,765	2,540	3,699	1,885	2,665	3,769	2,435	3,346	4,629	2,692	3,636	4,999	2,942	3,911	5,266
Adults (15+)	1,645	2,363	3,417	1,756	2,477	3,484	2,295	3,147	4,339	2,490	3,346	4,574	2,729	3,611	4,834
Children (<15)	120	177	282	129	188	285	140	199	290	202	290	425	213	300	432
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	134	196	295	126	187	282	117	176	268	110	166	256	106	163	251

Odisha

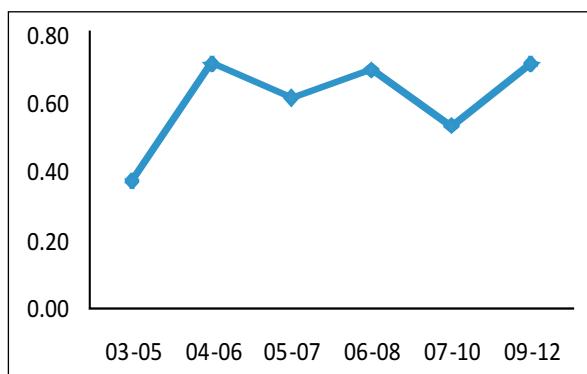
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	5	5	5	23	30	31	32	32		0.5	0.6	0.55	0.23	0.73	0.43	0.31
FSW		2	2	2	5	7	12		5.18	2.6	1	0.8	2.4	2.07		
MSM					2	4	6						7.37	4.19	3.79	
IDU				1	3	4	4					10.4	7.33	7.2	7.16	
SMM				5		1	2					1.44		3.6	3.2	
LDT				6								2.73				
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Odisha

HIV Estimations: 2007 – 2011

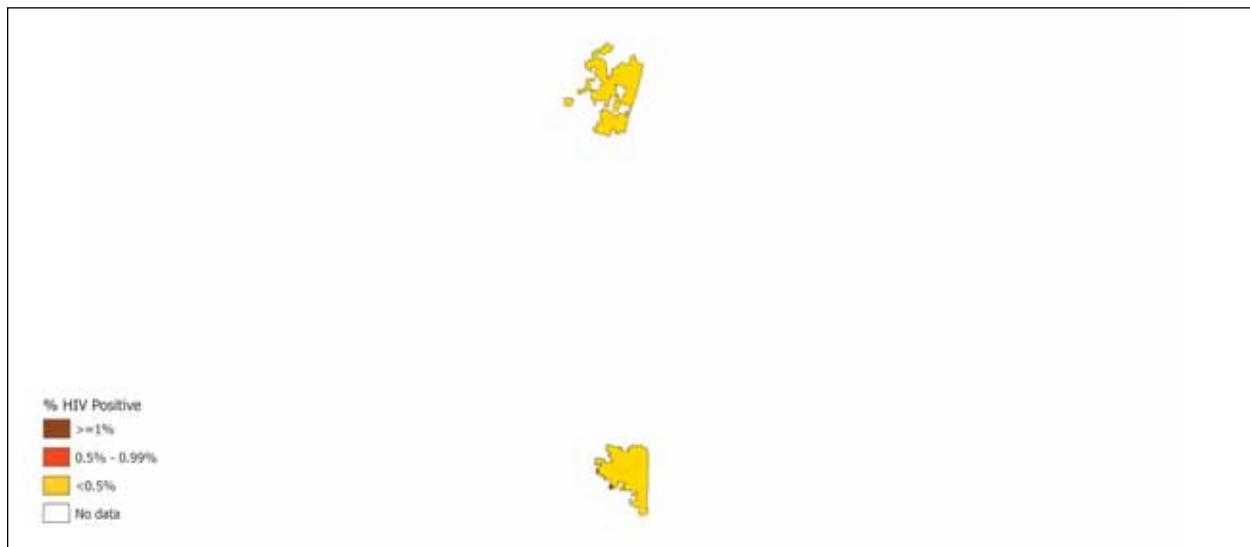
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	58,029	74,480	92,598	63,971	81,756	100,706	68,861	89,092	109,648	73,328	96,491	122,639	79,358	103,862	142,368
Children (<15 yr)	2,236	3,295	4,670	2,556	3,660	5,004	2,890	4,041	5,456	3,243	4,430	5,817	3,588	4,815	6,232
Adults (15-49 yr)	53,379	67,904	83,048	58,601	74,432	90,362	63,536	80,982	98,923	66,898	87,551	114,432	72,072	94,060	132,591
Elderly (>49 yr)	2,414	3,281	4,880	2,814	3,664	5,340	2,435	4,069	5,269	3,187	4,510	2,390	3,698	4,987	3,545
Male		45,228			49,493			53,786			58,104		62,394		
Female		29,253			32,265			35,307			38,389		41,465		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.25	0.32	0.39	0.27	0.34	0.41	0.28	0.36	0.44	0.29	0.38	0.50	0.31	0.40	0.57
Male		0.38			0.41			0.43			0.46			0.48	
Female		0.24			0.27			0.29			0.31			0.32	
Estimated No. of Annual New HIV Infections															
Total	8,610	11,606	15,128	8,959	12,182	17,483	9,122	12,778	20,380	9,065	13,281	23,760	9,071	13,733	27,786
Adults (15+)	7,973	10,815	14,323	8,193	11,340	16,694	8,308	11,869	19,438	8,253	12,306	22,588	8,209	12,703	26,403
Children (<15)	586	791	1,034	639	842	1,096	687	909	1,168	717	975	1,294	745	1,030	1,446
Estimated No. of Annual AIDS-related Deaths															
Total	2,888	4,347	6,036	3,303	4,800	6,514	3,875	5,360	7,104	4,314	5,822	7,579	4,739	6,330	8,141
Adults (15+)	2,654	4,025	5,600	3,029	4,448	6,070	3,540	4,976	6,662	3,974	5,403	7,134	4,378	5,880	7,635
Children (<15)	225	322	439	254	352	469	281	385	504	309	418	544	333	450	586
Estimated ART Need															
Total	7,115	11,036	15,752	8,434	12,601	17,280	12,911	18,121	23,820	16,171	21,543	27,848	18,775	24,173	30,716
Adults (15+)	6,406	9,993	14,268	7,624	11,439	15,678	11,993	16,828	22,078	14,273	19,004	24,563	16,706	21,418	27,165
Children (<15)	709	1,043	1,484	810	1,162	1,602	918	1,293	1,742	1,898	2,539	3,285	2,069	2,755	3,551
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	1,429	1,910	2,518	1,547	2,047	2,662	1,679	2,218	2,853	1,780	2,396	3,151	1,848	2,538	3,553

Puducherry

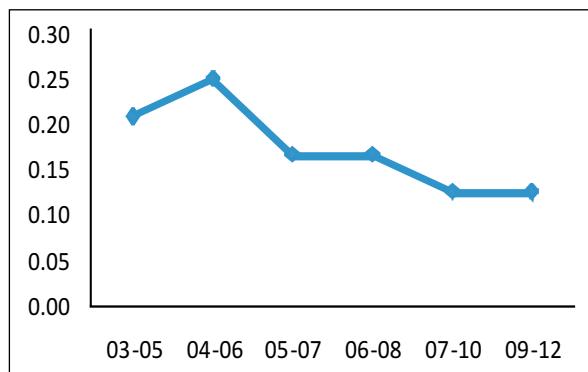
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	2	2	2	2	2	2	2	2	0.13	0.25	0.25	0.25	0	0.25	0.13	0.00
FSW		1	2	3	3	3	3			1.94	0.28	1.44	1.3		1.21	
MSM		1	1	2	2	2	2			5.22	5.6	2.47	2		1.21	
IDU																
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Puducherry

HIV Estimations: 2007 – 2011

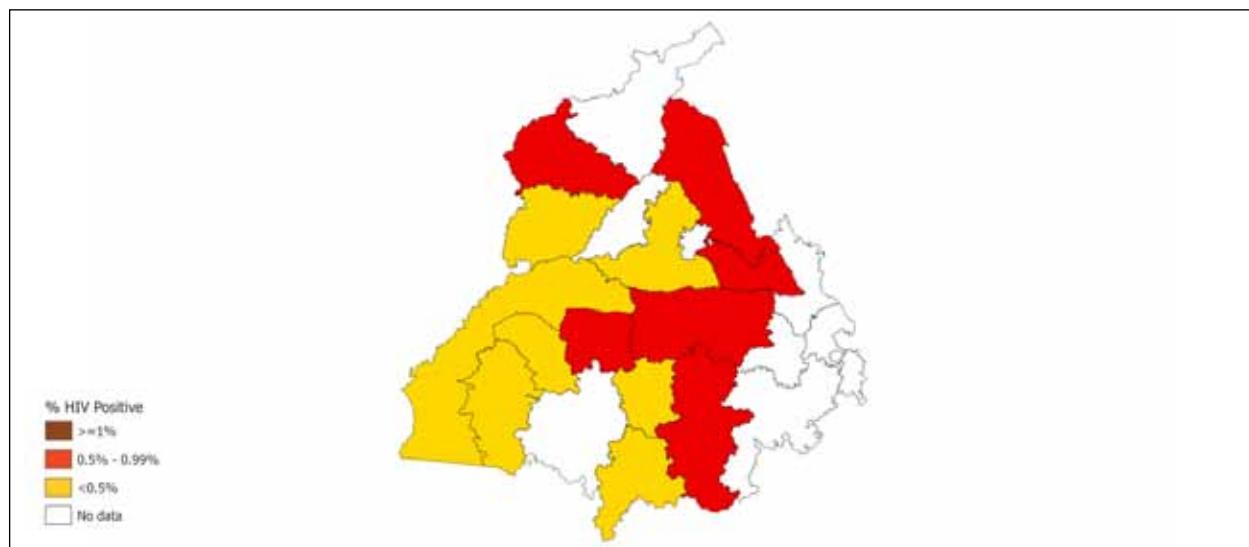
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	573	1,245	2,651	640	1,223	2,604	665	1,217	2,622	695	1,226	2,623	736	1,254	2,719
Children (<15 yr)	25	64	131	31	66	135	36	68	138	45	69	138	54	70	142
Adults (15-49 yr)	515	1,108	2,376	557	1,075	2,366	564	1,056	2,330	585	1,049	2,321	588	1,056	2,366
Elderly (>49 yr)	33	73	144	52	82	103	65	93	154	65	108	164	94	128	211
Male		746			726			718		720			734		
Female		499			495			497		505			521		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.08	0.17	0.37	0.09	0.17	0.36	0.09	0.16	0.35	0.09	0.15	0.34	0.08	0.15	0.34
Male		0.21			0.20			0.19			0.18			0.18	
Female		0.14			0.13			0.13			0.13			0.12	
Estimated No. of Annual New HIV Infections															
Total	18	53	177	8	43	169	5	38	167	5	37	170	4	37	182
Adults (15+)	12	47	163	4	38	156	2	33	150	2	33	163	2	33	174
Children (<15)	3	6	16	2	5	14	2	5	13	2	4	12	2	4	11
Estimated No. of Annual AIDS-related Deaths															
Total	12	102	236	9	74	198	8	54	168	7	39	142	5	24	113
Adults (15+)	12	98	227	8	71	191	7	52	161	6	38	138	5	23	110
Children (<15)	0.43	3	9	0	3	8	0	2	7	0	2	6	0	1	4
Estimated ART Need															
Total	172	415	807	226	450	851	308	570	1,051	369	637	1,135	458	772	1,278
Adults (15+)	141	383	750	186	409	786	261	522	980	311	577	1,035	388	701	1,172
Children (<15)	31	32	57	40	41	65	47	48	71	58	60	100	70	71	106
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	10	22	51	10	20	46	9	18	44	8	16	41	7	14	39

Punjab

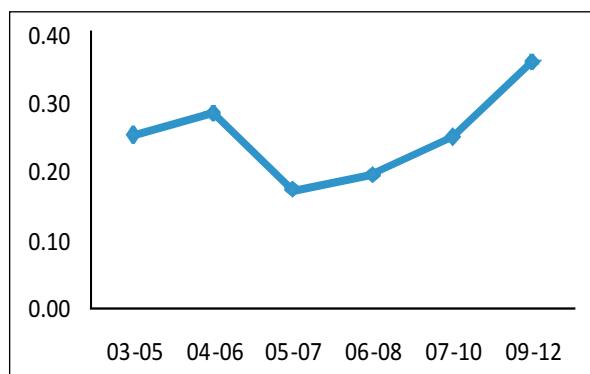
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	4	4	4	6	8	8	13	13	0.13	0.44	0.25	0.2	0.12	0.31	0.26	0.37
FSW	1			5	5	7	10		0			1.36	0.65	0.97	0.85	
MSM				1	2	3	3					4.8	1.22	3	2.18	
IDU				2	3	5	6					13.8	13.79	26.36	21.1	
SMM							1								1.2	
LDT				3								1.07				
TG																

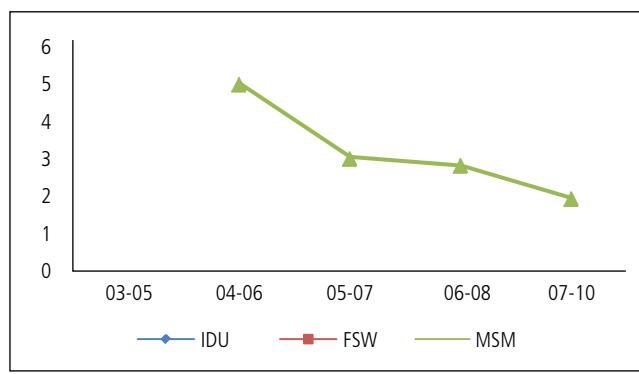
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Punjab

HIV Estimations: 2007 – 2011

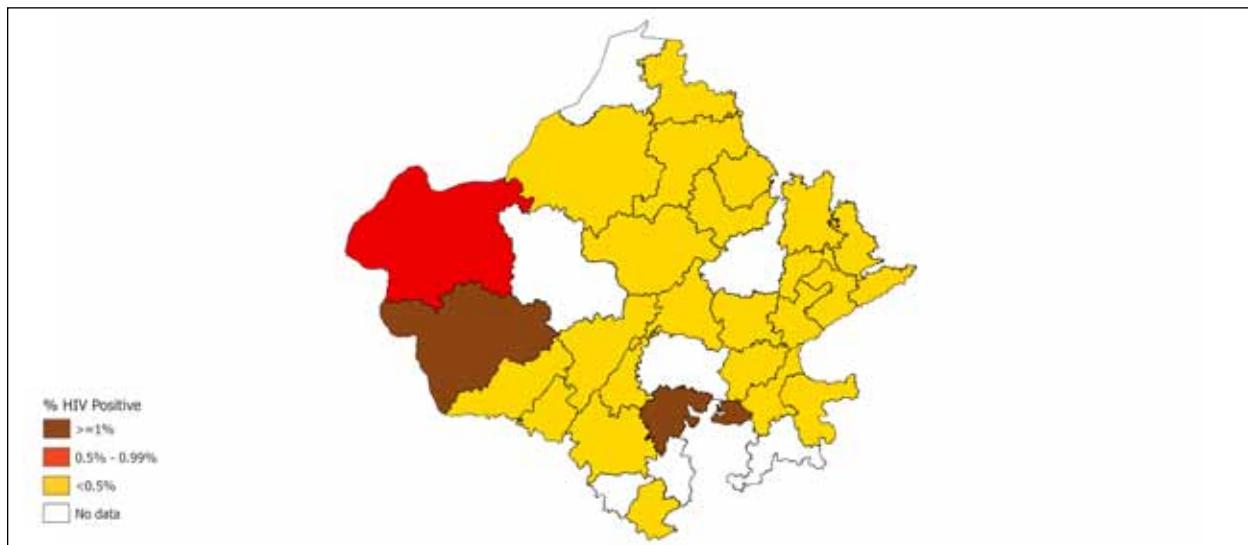
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	18,030	23,401	30,760	19,349	25,230	33,332	21,029	27,252	36,555	23,060	29,491	40,062	25,199	31,961	44,064
Children (<15 yr)	629	937	1,427	709	1,018	1,510	797	1,097	1,602	872	1,176	1,666	943	1,254	1,769
Adults (15-49 yr)	16,446	21,372	28,260	17,738	22,972	30,963	19,149	24,709	33,276	20,722	26,611	36,708	22,631	28,684	40,590
Elderly (>49 yr)	955	1,092	1,073	902	1,240	859	1,083	1,446	1,677	1,466	1,704	1,688	1,625	2,023	1,705
Male		14,651			15,745			16,963			18,313			19,805	
Female		8,752			9,486			10,293			11,180			12,158	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.11	0.15	0.20	0.12	0.16	0.21	0.13	0.16	0.22	0.14	0.17	0.24	0.14	0.18	0.26
Male		0.17			0.18			0.19			0.20				0.22
Female		0.11			0.12			0.13			0.14				0.15
Estimated No. of Annual New HIV Infections															
Total	2,268	3,171	5,957	2,170	3,157	6,058	2,103	3,215	6,168	2,172	3,382	6,435	2,227	3,533	6,546
Adults (15+)	2,002	2,987	5,967	1,928	2,969	6,048	1,878	3,020	6,150	1,916	3,179	6,235	1,983	3,325	6,323
Children (<15)	128	183	265	129	189	280	133	195	293	138	202	320	140	208	337
Estimated No. of Annual AIDS-related Deaths															
Total	971	1,483	2,138	859	1,318	1,931	751	1,196	1,820	703	1,164	1,801	629	1,104	1,791
Adults (15+)	903	1,394	2,005	795	1,230	1,804	682	1,106	1,702	642	1,072	1,681	562	1,012	1,667
Children (<15)	63	89	131	63	88	131	63	90	134	65	92	138	63	92	142
Estimated ART Need															
Total	2,565	4,073	5,936	3,115	4,546	6,374	4,868	6,530	8,735	6,137	7,918	10,237	7,528	9,265	11,680
Adults (15+)	2,364	3,770	5,469	2,881	4,207	5,865	4,586	6,142	8,162	5,620	7,234	9,283	6,931	8,494	10,616
Children (<15)	201	303	467	234	339	509	282	388	573	517	684	954	597	771	1,064
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	336	490	703	355	523	770	376	545	801	399	574	884	426	601	949

Rajasthan

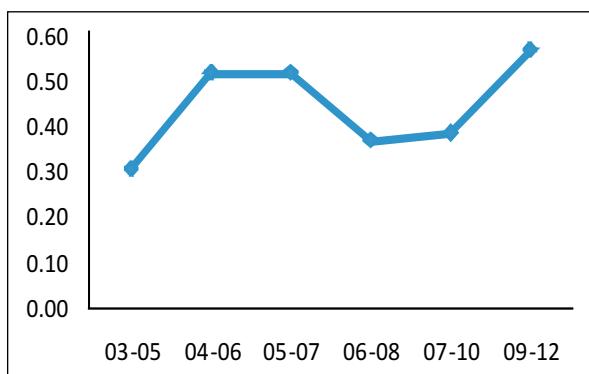
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	6	6	6	25	26	26	28	35	0.15	0.23	0.5	0.29	0.19	0.19	0.38	0.32
FSW	1	1	4	7	5	5	7		3.92	2.31	3.72	2.55	4.16	3.58	1.28	
MSM				1			1					0			-	
IDU																
SMM																
LDT																
TG																

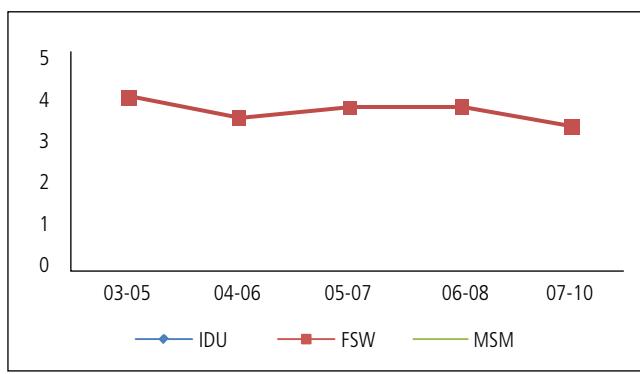
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Rajasthan

HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	58,406	74,410	91,763	58,977	74,616	92,618	58,616	74,349	92,749	58,261	73,910	92,355	58,197	73,545	92,829
Children (<15 yr)	3,360	4,682	6,539	3,659	5,036	6,891	3,954	5,338	7,288	4,146	5,554	7,538	4,290	5,711	7,664
Adults (15-49 yr)	52,215	66,100	81,318	51,660	65,772	80,589	51,607	65,023	79,959	51,289	64,132	79,750	50,393	63,325	79,256
Elderly (>49 yr)	2,831	3,628	3,906	3,658	3,808	5,138	3,055	3,998	5,502	2,826	4,224	5,067	3,514	4,509	5,909
Male		45,913			45,859			45,536		45,124			44,781		
Female		28,499			28,756			28,815		28,785			28,762		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.16	0.21	0.25	0.16	0.20	0.24	0.15	0.19	0.23	0.15	0.18	0.23	0.14	0.17	0.22
Male		0.24			0.23			0.22			0.21			0.20	
Female		0.16			0.16			0.15			0.15			0.14	
Estimated No. of Annual New HIV Infections															
Total	4,650	6,339	9,025	4,223	5,775	8,171	3,839	5,464	7,842	3,543	5,258	7,591	3,327	5,122	7,612
Adults (15+)	3,728	5,344	8,167	3,330	4,831	7,138	3,029	4,575	6,741	2,889	4,432	6,652	2,735	4,364	6,706
Children (<15)	756	995	1,341	708	944	1,270	659	888	1,208	606	826	1,133	550	758	1,046
Estimated No. of Annual AIDS-related Deaths															
Total	3,641	5,233	7,377	3,791	5,383	7,358	4,010	5,529	7,477	3,947	5,480	7,291	3,747	5,276	7,028
Adults (15+)	3,253	4,773	6,802	3,407	4,914	6,821	3,615	5,059	6,885	3,582	5,015	6,719	3,371	4,820	6,399
Children (<15)	339	460	634	348	468	639	351	470	641	345	465	635	339	455	622
Estimated ART Need															
Total	10,124	14,616	20,870	11,868	16,470	22,269	17,103	22,271	28,931	19,645	25,045	31,586	20,978	26,542	32,665
Adults (15+)	9,082	13,173	18,869	10,714	14,883	20,090	15,831	20,546	26,603	17,372	22,077	27,622	18,620	23,502	28,622
Children (<15)	1,042	1,443	2,001	1,154	1,587	2,179	1,272	1,725	2,328	2,273	2,968	3,964	2,358	3,040	4,043
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	1,932	2,545	3,447	1,799	2,398	3,263	1,680	2,255	3,109	1,552	2,103	2,904	1,409	1,929	2,661

Sikkim

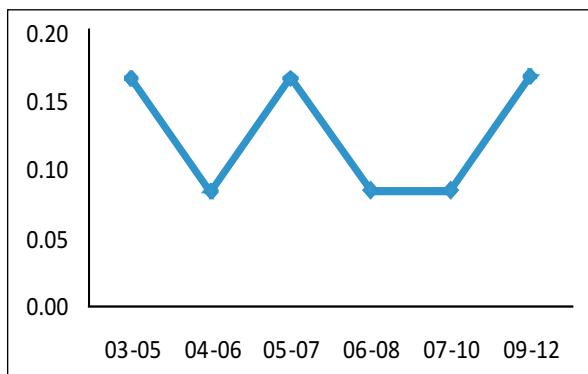
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	1	1	1	2	3	3	3	4	0.21		0.25	0.1	0.09	0	0.09	0.19
FSW					1	1	1						0	0.44	0	
MSM																
IDU			1	2	2	2	2				0.48	0.2	0.47	1.45	0	
SMM																
LDT																
TG																

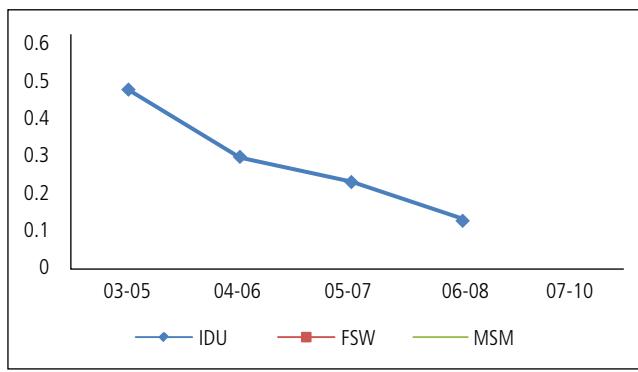
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Sikkim

HIV Estimations: 2007 – 2011

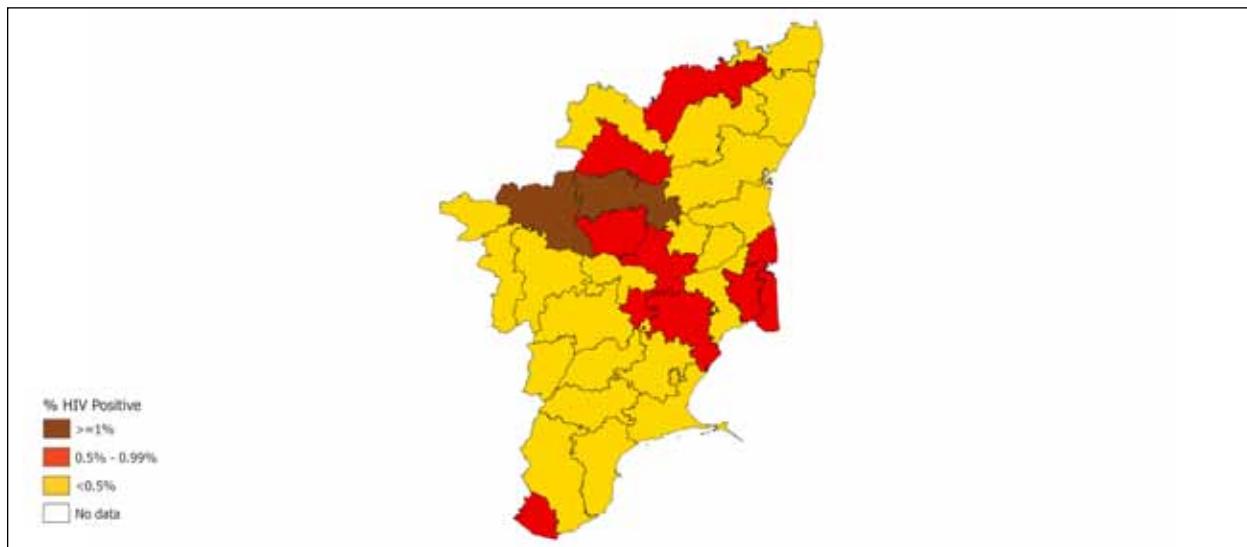
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	70	357	1,266	79	404	1,362	98	459	1,368	113	521	1,578	125	593	1,816
Children (<15 yr)	3	13	115	3	14	102	3	16	92	3	18	83	4	19	81
Adults (15-49 yr)	64	328	1,146	74	371	1,196	90	421	1,294	96	478	1,412	113	543	1,713
Elderly (>49 yr)	3	16	5	2	19	64	5	22		14	25	83	8	31	22
Male		231			256			290		330		374			
Female		127			147			166		191		218			
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.02	0.10	0.35	0.02	0.11	0.36	0.03	0.12	0.38	0.03	0.14	0.40	0.03	0.15	0.48
Male		0.12			0.13			0.15			0.16				0.18
Female		0.07			0.09			0.10			0.11				0.12
Estimated No. of Annual New HIV Infections															
Total	5	63	217	4	70	240	3	78	287	3	88	371	3	98	462
Adults (15+)	1	60	204	1	66	235	1	75	288	1	84	367	1	94	457
Children (<15)	0.57	3	12	1	3	10	1	4	12	1	4	13	1	4	14
Estimated No. of Annual AIDS-related Deaths															
Total	4	19	142	3	20	128	3	21	111	2	24	111	2	25	108
Adults (15+)	3	18	132	3	18	122	2	20	105	2	22	103	1	23	100
Children (<15)	0.23	1	9	0	1	8	0	1	7	0	2	7	0	2	7
Estimated ART Need															
Total	9.82	50	416	12	58	393	18	85	424	25	104	451	34	123	443
Adults (15+)	9	46	374	11	53	354	17	80	390	23	94	406	32	111	399
Children (<15)	0.82	4	42	1	5	39	1	5	34	2	10	45	2	12	44
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	1	7	27	1	8	28	2	9	29	2	10	30	2	11	34

Tamil Nadu

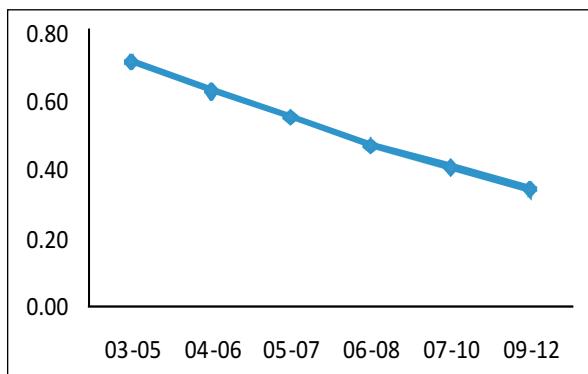
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	30	35	32	35	34	34	68	72	0.83	0.81	0.54	0.54	0.58	0.35	0.38	0.36
FSW	1	1	11	11	10	28	27		8.8	4	5.49	4.62	4.68	6.22	2.69	
MSM	2	2	2	2	2	17	17		4.2	6.8	6.2	5.6	6.6	5.24	2.41	
IDU	1	1	2	2	2	2	2		63.81	39.92	18	24.2	16.8	9.48	-	
SMM							3								0.8	
LDT							2								2.01	
TG							2								3.82	

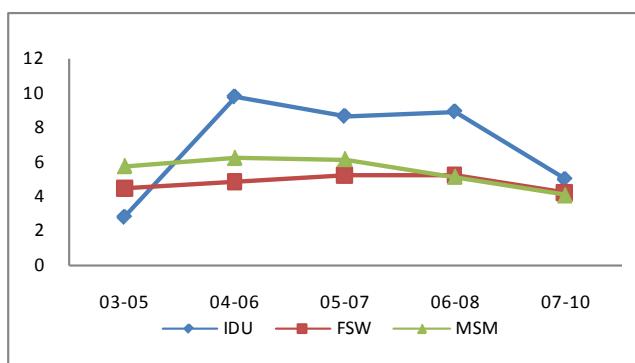
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Tamil Nadu

HIV Estimations: 2007 – 2011

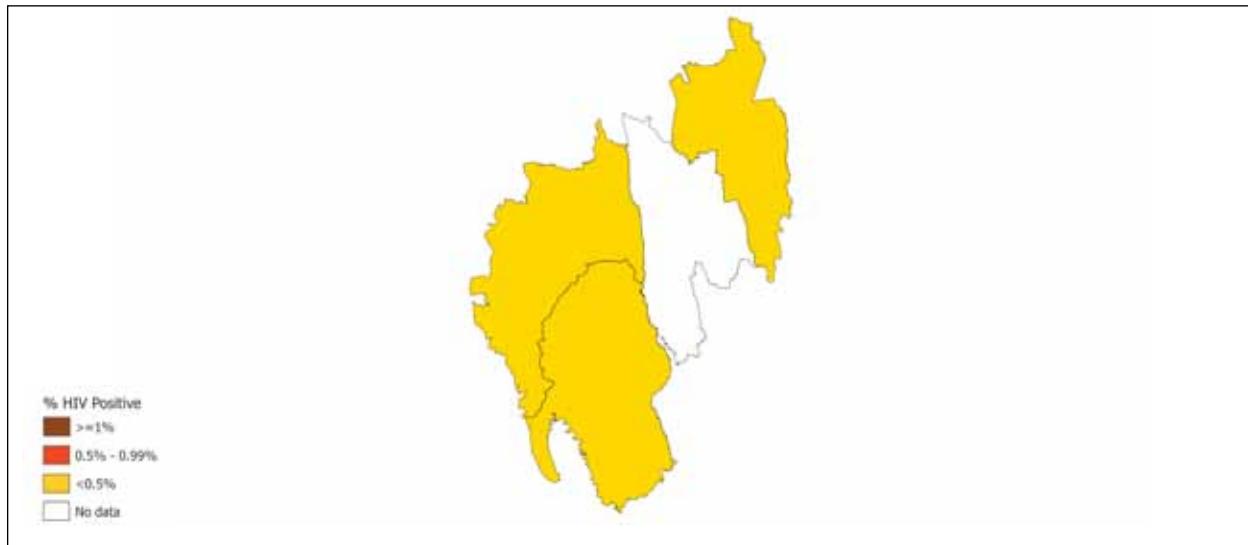
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	1,37,503	1,61,400	1,85,446	1,29,529	1,52,101	1,76,283	1,21,964	1,44,030	1,70,483	1,15,826	1,37,458	1,64,585	1,10,563	1,32,590	161,038
Children (<15 yr)	5,468	6,940	8,785	5,488	6,959	8,740	5,454	6,922	8,749	5,317	6,761	8,557	5,143	6,504	8,205
Adults (15-49 yr)	1,22,415	1,43,101	1,66,153	1,14,350	1,34,027	1,57,145	1,06,794	1,25,940	1,49,605	1,00,006	1,19,180	1,42,664	94,315	1,13,911	1,38,535
Elderly (>49 yr)	9,620	11,359	10,508	9,691	11,115	10,398	9,716	11,168	12,129	10,503	11517	13,364	11105	12175	14,298
Male		1,13,447			1,06,436			1,00,371			95,411		91,705		
Female		47,954			45,666			43,658			42,044		40,885		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.32	0.38	0.44	0.30	0.35	0.41	0.27	0.32	0.38	0.25	0.30	0.36	0.23	0.28	0.34
Male		0.53			0.49			0.45			0.42				0.39
Female		0.22			0.21			0.20			0.19				0.18
Estimated No. of Annual New HIV Infections															
Total	2,967	4,930	7,389	2,045	3,896	6,289	1,840	3,730	6,240	1,602	3,405	5,880	1,394	3,148	5,546
Adults (15+)	2,395	4,147	6,378	1,617	3,287	5,485	1,480	3,166	5,466	1,306	2,926	5,173	1,161	2,738	4,963
Children (<15)	559	783	1,052	463	609	797	401	564	785	330	479	688	267	410	597
Estimated No. of Annual AIDS-related Deaths															
Total	13,058	15,946	19,014	10,843	13,616	16,496	9,626	12,286	15,038	8,053	10,508	13,043	6,212	8,582	10,992
Adults (15+)	12,541	15,427	18,385	10,447	13,177	15,943	9,327	11,884	14,548	7,739	10,143	12,565	5,947	8,258	10,579
Children (<15)	393	519	677	328	439	581	292	401	542	258	366	510	215	323	465
Estimated ART Need															
Total	46,942	55,420	64,605	49,032	57,157	65,622	59,748	68,557	77,810	62,359	70,823	79,711	64,936	72,898	81,201
Adults (15+)	45,049	53,059	61,617	46,974	54,597	62,429	57,494	65,787	74,406	59,440	67,227	75,245	61,828	69,151	76,602
Children (<15)	1,893	2,361	2,988	2,058	2,560	3,193	2,254	2,770	3,404	2,919	3,596	4,466	3,108	3,747	4,599
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	2035	2632	3349	1,743	2,292	2,960	1,469	1,971	2,606	1,235	1,701	2,302	1,030	1,476	2,065

Tripura

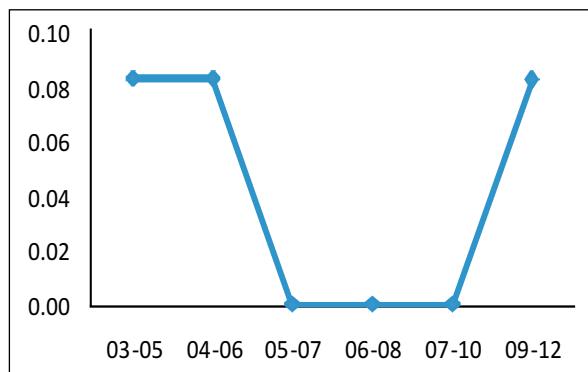
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	1	1	1	2	2	2	2	4	0	0.25	0	0.42	0.25	0	0	0.19
FSW								4								0.21
MSM																
IDU			1	1	1	1	1				10.92	0	0	0.42	0.45	
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Tripura

HIV Estimations: 2007 – 2011

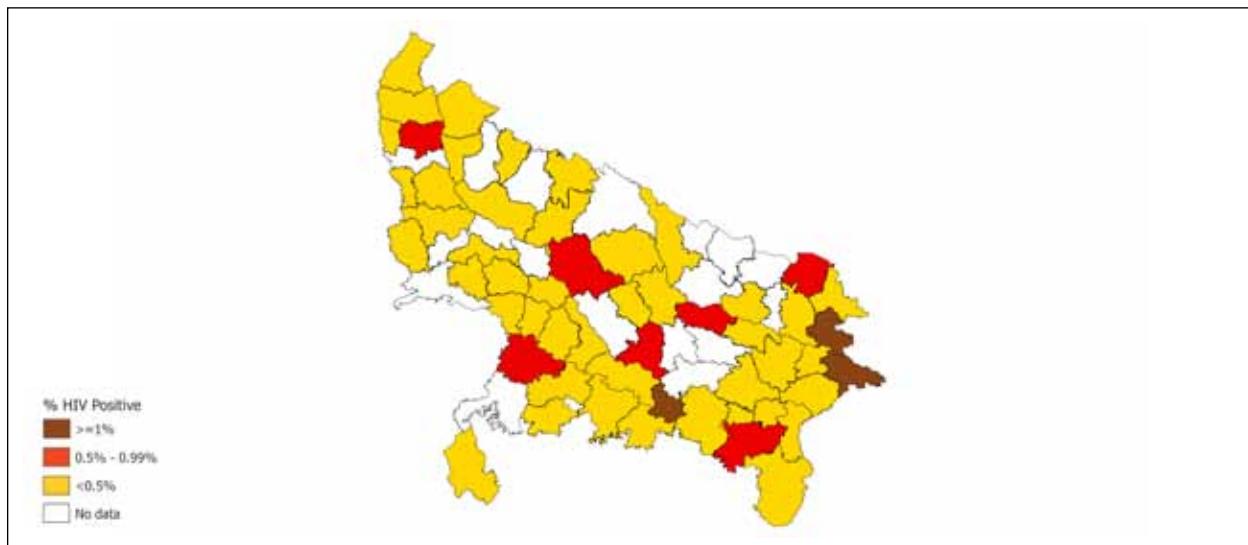
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	336	3,318	28,135	357	3,791	26,714	380	4,336	24,937	406	4,963	24,992	443	5,684	27,286
Children (<15 yr)	18	128	1,870	20	144	1,876	20	161	1,832	19	179	1,789	19	200	1,736
Adults (15-49 yr)	313	3,050	25,378	337	3,487	24,054	356	3,990	22,374	370	4,568	22,371	411	5,232	25,783
Elderly (>49 yr)	5	140	887	160	784	4	185	731	17	216	832	13	252		
Male		2,044			2,328			2,654			3,031			3,461	
Female		1,272			1,463			1,680			1,931			2,224	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.02	0.16	1.30	0.02	0.17	1.20	0.02	0.19	1.09	0.02	0.22	1.06	0.02	0.24	1.20
Male		0.18			0.21			0.23			0.26			0.29	
Female		0.12			0.14			0.15			0.17			0.19	
Estimated No. of Annual New HIV Infections															
Total	51	596	2,880	53	678	3,552	56	772	4,045	57	876	5,092	57	998	6,296
Adults (15+)	51	567	2,921	52	646	3,411	55	736	4,087	55	835	5,038	54	951	6,018
Children (<15)	3	29	281	3	32	254	3	37	229	3	41	228	3	47	226
Estimated No. of Annual AIDS-related Deaths															
Total	26	181	3,233	22	202	3,171	18	226	2,966	11	249	2,805	8	279	2,599
Adults (15+)	24	169	3,054	20	189	2,989	16	210	2,797	9	232	2,668	6	259	2,484
Children (<15)	2	12	172	2	14	167	2	16	157	2	18	147	1	20	140
Estimated ART Need															
Total	69	456	8,878	74	520	9,071	109	760	10,340	148	925	10,113	171	1,072	9,305
Adults (15+)	63	415	8,321	68	474	8,483	102	708	9,739	138	819	9,232	161	953	8,479
Children (<15)	6	41	557	6	46	588	7	52	601	10	106	881	10	119	826
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	7	65	643	7	74	550	7	84	527	8	96	510	8	109	522

Uttar Pradesh

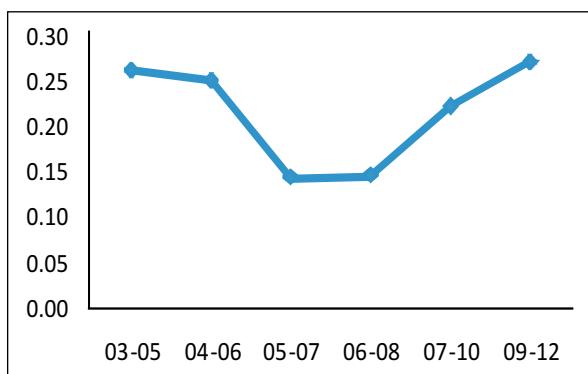
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	17	16	17	47	47	47	65	65	0.22	0.44	0.15	0.25	0.08	0.18	0.21	0.20
FSW	2	3	4	8	6	6	11		6.6	8	3.5	1.52	0.78	1.03	0.62	
MSM					1	1	6							0.4	4.07	1.56
IDU				1	2	2	5						4.63	1.29	2.46	2.03
SMM																
LDT																
TG																

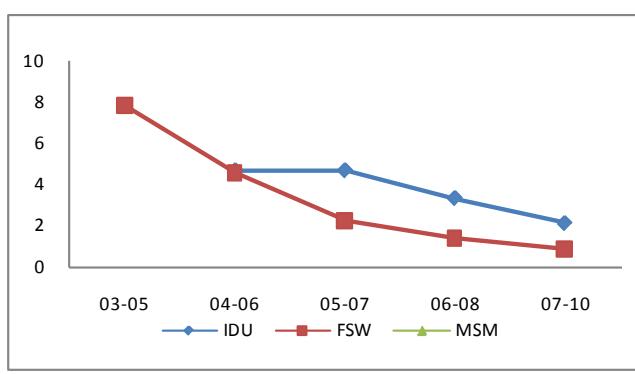
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

Uttar Pradesh

HIV Estimations: 2007 – 2011

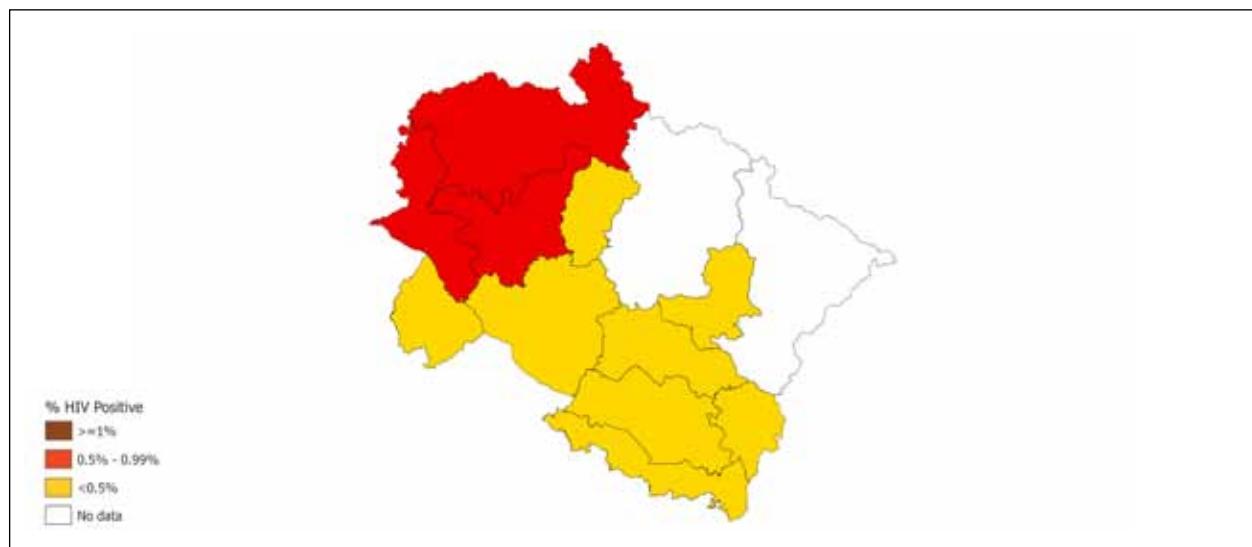
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	1,09,878	1,29,979	1,54,615	107,509	1,27,706	1,52,163	1,05,941	125,500	1,51,003	1,03,375	1,23,695	1,48,117	1,01,927	1,22,522	1,48,051
Children (<15 yr)	8,227	10,872	14,826	8,792	11,482	15,293	9,311	11,942	15,595	9,696	12,238	15,736	9,927	12,365	15,668
Adults (15-49 yr)	94,949	1,12,667	1,33,688	92,832	1,09,713	1,30,897	90,639	106,901	1,27,910	87,737	1,04,543	1,26,026	85,074	1,02,854	1,24,859
Elderly (>49 yr)	6,702	6,440	6,101	5,885	6,511	5,973	5,991	6,657	7,498	5,942	6,914	6,355	6,926	7,303	7,524
Male		80,122			78,383			76,746			75,413		74,518		
Female		49,857			49,323			48,751			48,282		48,003		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.10	0.12	0.15	0.10	0.12	0.14	0.09	0.11	0.13	0.09	0.11	0.13	0.08	0.10	0.12
Male		0.14			0.14			0.13			0.12			0.12	
Female		0.09			0.09			0.09			0.09			0.08	
Estimated No. of Annual New HIV Infections															
Total	7,596	9,814	13,191	7,154	9,486	13,117	6,812	9,266	13,007	6,522	9,179	13,273	6,267	9,154	13,534
Adults (15+)	5,679	7,919	11,458	5,460	7,704	11,354	5,123	7,613	11,419	4,999	7,647	11,610	4,934	7,745	11,904
Children (<15)	1,496	1,894	2,432	1,400	1,782	2,297	1,296	1,653	2,124	1,199	1,532	1,979	1,094	1,409	1,815
Estimated No. of Annual AIDS-related Deaths															
Total	8,562	11,074	13,824	8,662	10,986	13,602	8,566	10,653	13,157	8,135	10,104	12,579	7,618	9,436	11,914
Adults (15+)	7,681	10,073	12,641	7,794	9,976	12,386	7,702	9,647	11,977	7,301	9,109	11,427	6,764	8,460	10,719
Children (<15)	784	1,001	1,312	794	1,010	1,304	794	1,007	1,298	784	995	1,274	773	975	1,239
Estimated ART Need															
Total	23,919	31,557	40,006	26,495	33,431	41,461	34,601	41,801	50,774	37,963	45,238	54,268	39,566	46,442	55,322
Adults (15+)	21,410	28,199	35,377	23,752	29,816	36,553	31,648	37,953	45,614	32,982	38,996	46,318	34,472	40,138	47,421
Children (<15)	2,509	3,358	4,629	2,743	3,615	4,908	2,953	3,848	5,160	4,981	6,242	7,950	5,094	6,304	7,901
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	3,575	4,592	5,983	3,338	4,263	5,485	3,077	3,943	5,060	2,847	3,649	4,696	2,621	3,350	4,313

Uttarakhand

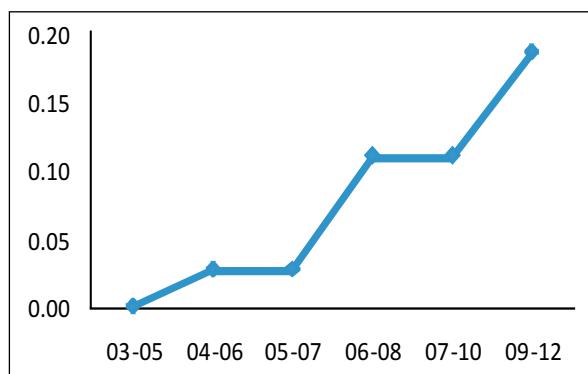
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	3	3	3	9	9	9	9	15	0.06	0	0	0.11	0.06	0.22	0.25	0.27
FSW							2									0.44
MSM																
IDU							2									4.33
SMM																
LDT																
TG																

District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



* 3-yr moving averages based on consistent sites

Uttarakhand

HIV Estimations: 2007 – 2011

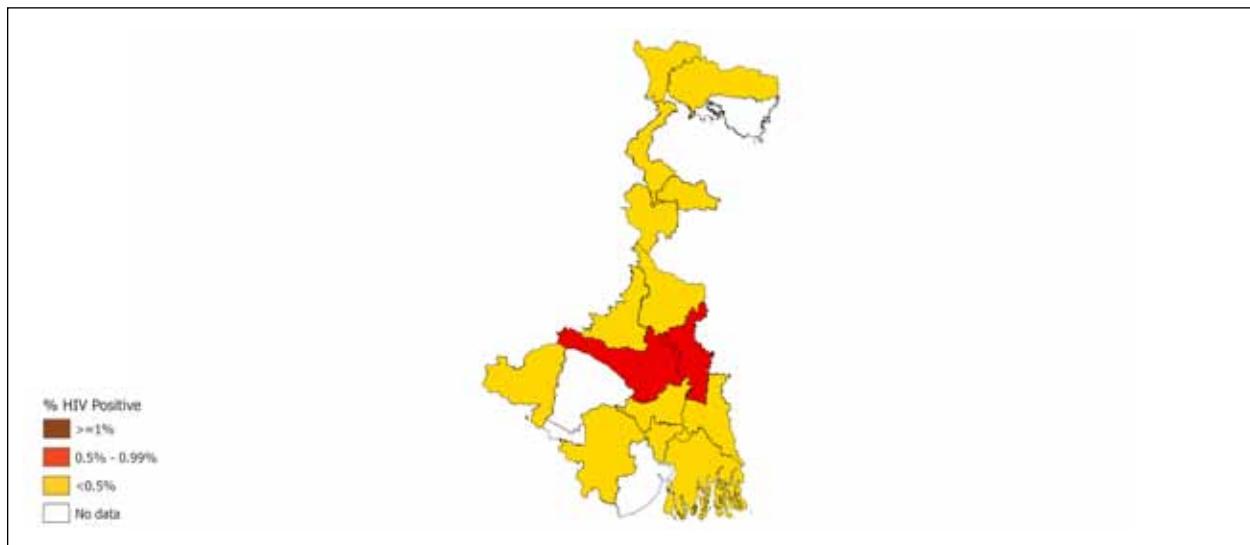
Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	2,276	4,606	7,949	2,979	5,965	10,392	3,735	7,721	13,155	4,631	9,974	17,487	5,633	12,862	23,337
Children (<15 yr)	78	138	224	96	176	292	117	226	383	147	288	503	184	365	645
Adults (15-49 yr)	2,137	4,285	7,493	2,784	5,544	9,628	3,422	7,167	12,545	4,205	9,249	16,329	5,207	11,915	21,451
Elderly (>49 yr)	61	183	232	99	245	472	196	328	227	279	437	655	242	582	1241
Male		2,803			3,629			4,697		6,071			7,826		
Female		1,803			2,335			3,023		3,909			5,034		
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.04	0.09	0.15	0.06	0.11	0.19	0.07	0.14	0.24	0.08	0.18	0.31	0.10	0.22	0.40
Male		0.10			0.13			0.17			0.21			0.26	
Female		0.06			0.09			0.11			0.14			0.18	
Estimated No. of Annual HIV Infections															
Total	535	1,205	2,099	606	1,525	2,806	686	1,958	3,723	805	2,502	4,901	918	3,194	6,350
Adults (15+)	510	1,160	2,019	541	1,470	2,710	642	1,886	3,615	762	2,411	4,734	870	3,081	6,134
Children (<15)	22	45	80	26	56	103	32	72	132	38	90	167	45	113	215
Estimated No. of Annual AIDS-related Deaths															
Total	82	155	260	66	168	314	67	207	410	76	260	544	90	328	693
Adults (15+)	75	140	236	57	150	285	57	185	373	64	232	493	73	292	624
Children (<15)	7	14	25	8	18	32	9	22	42	11	28	53	14	36	69
Estimated ART Need															
Total	222	380	603	334	507	830	577	909	1,491	845	1,324	2,189	1,122	1,772	2,961
Adults (15+)	197	337	533	301	449	735	532	831	1,363	745	1,127	1,844	989	1,513	2,511
Children (<15)	25	43	70	33	58	95	45	78	128	100	197	345	133	259	450
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	53	107	189	65	135	244	81	173	321	97	218	400	115	270	505

West Bengal

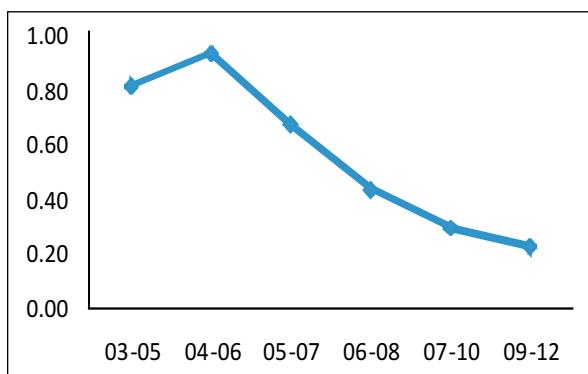
HIV Sentinel Surveillance: 2003 to 2012-13

Site Type	Scale up of Sentinel Sites								HIV Prevalence (%)							
	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13	2003	2004	2005	2006	2007	2008-09	2010-11	2012-13
ANC	8	9	9	3	3	11	22	22	0.46	0.43	0.89	0.38	0.4	0.17	0.13	0.19
FSW	7	7	7	8	9	11	12		6.47	4.11	6.8	6.12	5.92	4.12	2.04	
MSM		1	1	2	3	4	5			1.33	0.54	6.6	5.61	4.9	5.09	
IDU	1	2	4	5	5	5	6		2.61	3.83	7.41	4.64	7.76	6.9	2.72	
SMM					1	1	1							9.27	2.42	1.61
LDT				5	5	5	5						2.72	2.72	1.75	3.71
TG																

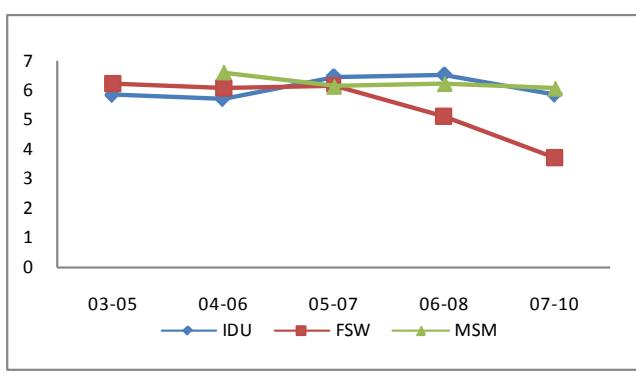
District Map showing HIV Prevalence (%) among ANC Attendees, HSS 2012-13



Trends* of HIV Prevalence (%) among ANC Attendees



Trends* of HIV Prevalence (%) among High Risk Groups



* 3-yr moving averages based on consistent sites

West Bengal

HIV Estimations: 2007 – 2011

Indicator	2007			2008			2009			2010			2011		
	Lower Bound	Estimate	Upper Bound												
Estimated No. of PLHIV															
Total	1,20,201	1,56,990	2,00,926	1,14,910	1,51,050	1,92,776	1,09,774	1,45,066	1,86,046	1,03,481	1,39,364	1,79,741	1,00,062	1,34,286	1,76,148
Children (<15 yr)	7,001	9,826	13,691	7,205	10,015	13,708	7,438	10,069	13,650	7,389	9,979	13,361	7,171	9,761	12,898
Adults (15-49 yr)	1,06,407	1,39,190	1,78,687	1,00,687	1,33,192	1,68,736	95,061	1,27,284	1,62,346	91,111	121,753	1,57,324	86,130	1,16,886	1,53,564
Elderly (>49 yr)	6,793	7,974	8,548	7,018	7,843	10,332	7,275	7,713	10,050	4,981	7,632	9,056	6,761	7,639	9,686
Male		96,871				92,734			88,646			84,790		81,375	
Female		60,119				58,313			56,422			54,574		52,908	
Estimated Adult (15-49 yr) HIV Prevalence (%)															
Total	0.22	0.29	0.37	0.21	0.27	0.34	0.19	0.25	0.32	0.18	0.24	0.31	0.16	0.22	0.29
Male		0.34			0.32			0.30			0.28				0.26
Female		0.22			0.22			0.20			0.19				0.18
Estimated No. of Annual New HIV Infections															
Total	5,856	9,367	15,434	5,329	8,905	14,958	5,002	8,672	15,008	4,580	8,369	15,132	4,164	8,162	15,104
Adults (15+)	4,504	7,916	14,397	4,205	7,620	13,844	4,120	7,533	13,811	3,765	7,375	13,916	3,504	7,289	13,992
Children (<15)	1,009	1,451	2,052	895	1,284	1,826	803	1,139	1,620	690	994	1,414	589	873	1,251
Estimated No. of Annual AIDS-related Deaths															
Total	10,703	14,578	19,242	10,933	14,629	18,361	11,013	14,514	18,550	10,560	14,027	18,091	9,841	13,310	17,405
Adults (15+)	10,059	13,748	18,242	10,291	13,813	17,968	10,422	13,719	17,577	9,978	13,259	17,146	9,265	12,573	16,463
Children (<15)	606	830	1,147	597	817	1,116	580	796	1,086	556	769	1,042	529	737	1,008
Estimated ART Need															
Total	29,723	40,882	54,610	32,061	42,473	55,352	40,236	51,985	66,382	41,178	53,304	68,046	40,963	52,839	67,289
Adults (15+)	27,561	37,791	50,039	29,782	39,243	50,752	37,878	48,646	61,758	37,648	48,492	61,605	37,515	48,139	61,029
Children (<15)	2,162	3,091	4,571	2,279	3,230	4,600	2,358	3,339	4,624	3,530	4,812	6,441	3,448	4,700	6,260
Estimated No. of Mothers needing PPTCT															
Mothers needing PPTCT	2,339	3,408	4,900	2,075	2,972	4,297	1,840	2,611	3,709	1,572	2,260	3,193	1,345	1,978	2,842

Notes



India's voice against AIDS
Department of AIDS Control
Ministry of Health & Family Welfare, Government of India
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