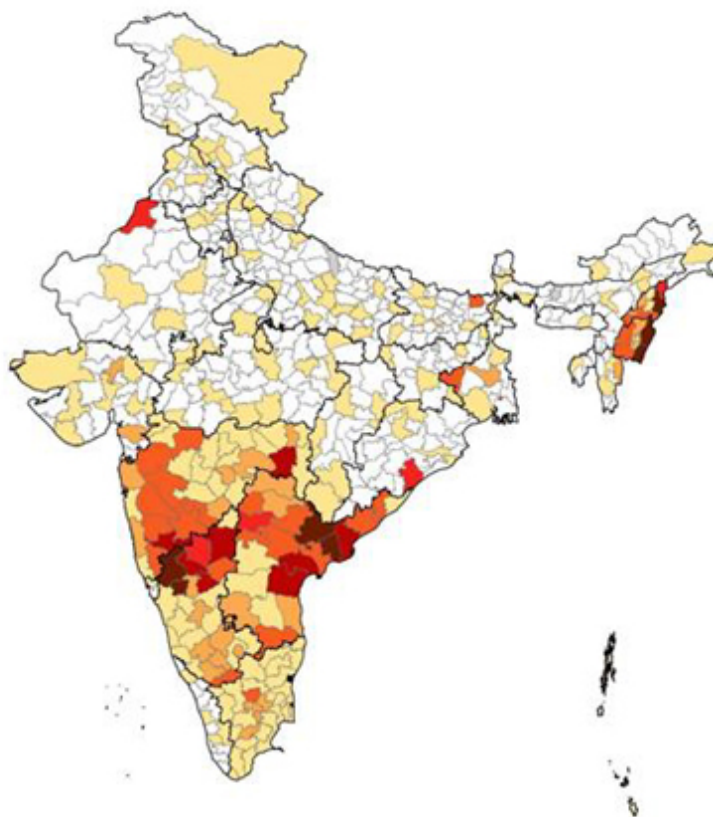


# HIV prevalence in India – by district



HIV prevalence (%) among pregnant women attending antenatal clinics

- No data available
- Number of people tested < 300
- < 1.0
- 1.0 – 1.5
- 1.5 – 2.0
- 2.0 – 2.5
- 2.5 – 3.0
- > 3.0

# HIV and AIDS

Data Hub for Asia-Pacific prepared by  
[www.aidsdatahub.org](http://www.aidsdatahub.org)

## CONTENT



[Basic socio-demographic indicators](#)



[HIV prevalence and epidemiological status](#)



[Risk behaviors](#)



[Vulnerability and HIV knowledge](#)



[HIV expenditure](#)



[National response](#)



## BASIC SOCIO-DEMOGRAPHIC INDICATORS

<b>Total population (in thousands)</b>	<b>1,275,138 (2013) <sup>4</sup></b>
<b>Annual population growth rate</b>	<b>1.2 (2015-2020) <sup>4</sup></b>
<b>Population aged 15-49 (thousands)</b>	<b>654,884 (2010) <sup>4</sup></b>
<b>Percentage of population in urban areas</b>	<b>31 (2011) <sup>3</sup></b>
<b>Crude birth rate (births per 1,000 population)</b>	<b>21.8 (2011) <sup>3</sup></b>
<b>Under-5 mortality rate (per 1,000 live births)</b>	<b>56 (2012) <sup>1</sup></b>
<b>Human development index (HDI) - Rank/Value</b>	<b>135/0.586 (2013) <sup>1</sup></b>
<b>Life expectancy at birth (years)</b>	<b>66.4 (2013) <sup>1</sup></b>
<b>Adult literacy rate</b>	<b>62.8 (2005-2012) <sup>1</sup></b>
<b>Ratio of girls to boys in primary and secondary education (%)</b>	<b>94.85 (2008) <sup>3</sup></b>
<b>GDP per capita (PPP, \$US)</b>	<b>5,050 (2012) <sup>1</sup></b>
<b>Per capita total health expenditure (Int.\$)</b>	<b>124 (2009) <sup>2</sup></b>

Sources: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1. UNDP. (2014). Human Development Report 2014 - Sustaining Human Progress: Reducing Vulnerabilities and Building Resilience; 2. WHO. (2012). World Health Statistics 2012; 3. World Bank. World Data Bank: World Development Indicators & Global Development Finance. Retrieved March, 2013, from <http://databank.worldbank.org>; and 4. UN Population Division. (2011). World Population Prospects The 2010 Revision.

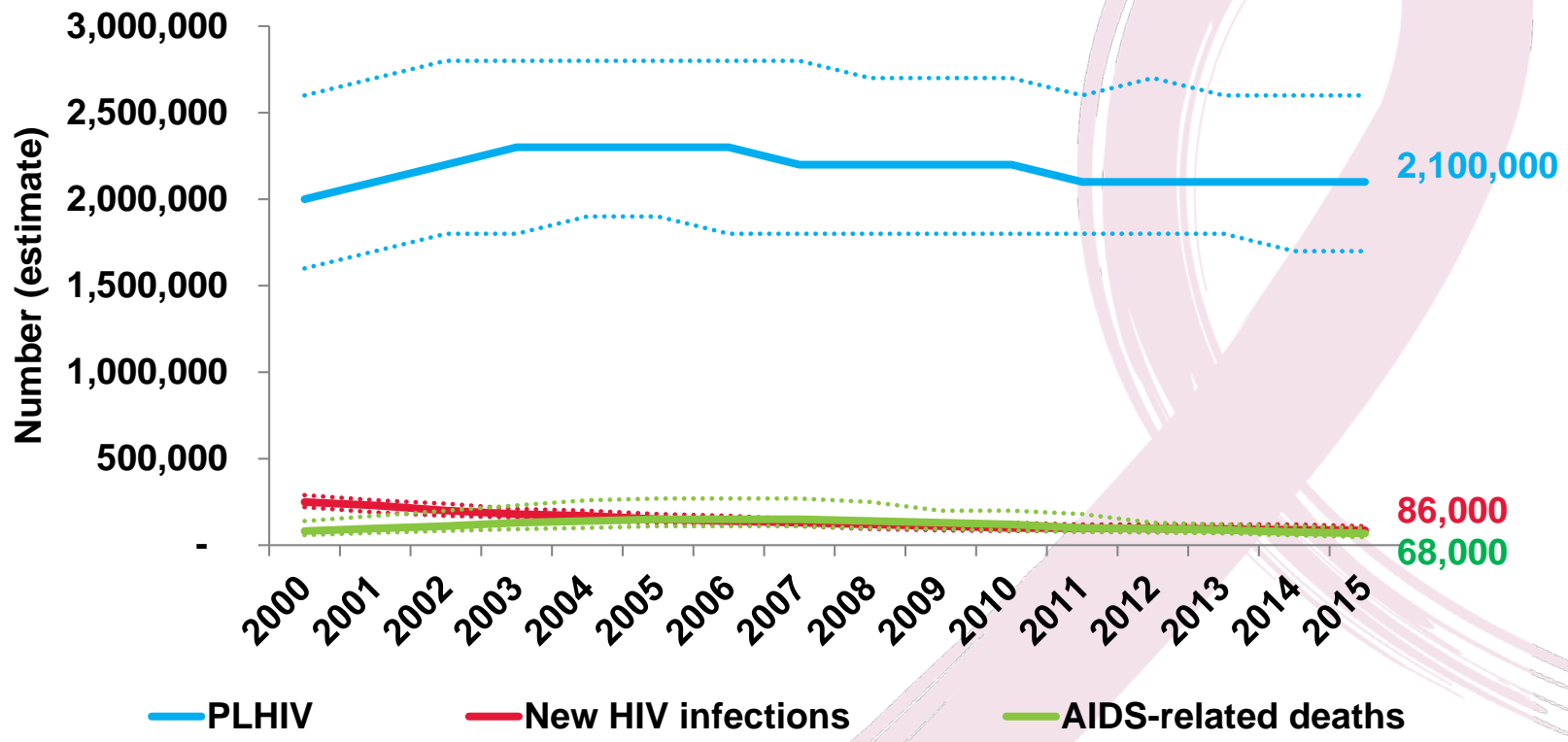
A large, semi-transparent red ribbon graphic is positioned diagonally across the slide, starting from the bottom left and extending towards the top right. The ribbon is a deep red color and has a slightly textured, hand-drawn appearance.

# HIV prevalence and epidemiology

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

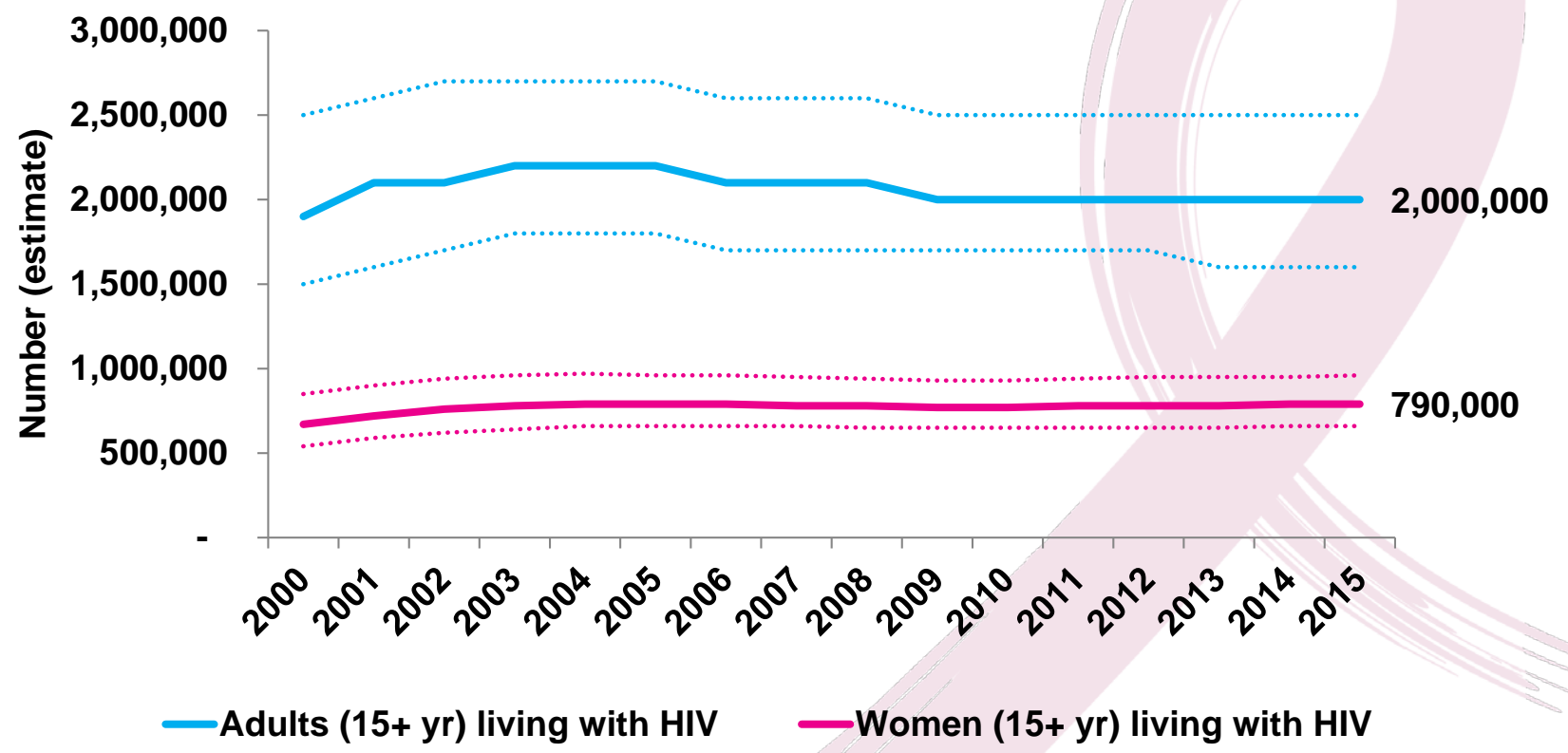
## Estimated number of people living with HIV, new HIV infections and AIDS-related deaths, 2000-2015



# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Estimated number of adults (15+) living with HIV and women (15+) living with HIV, 2000-2015



Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on UNAIDS. (2016). HIV Estimates 2000-2015.

## Key population size estimates, 2001 - 2012

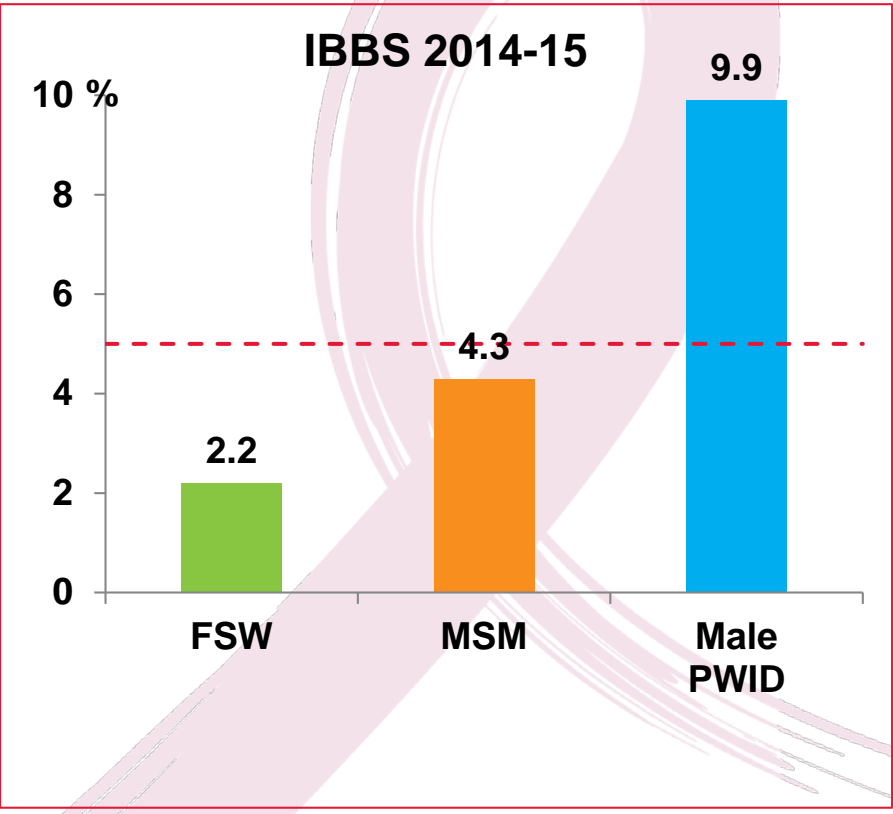
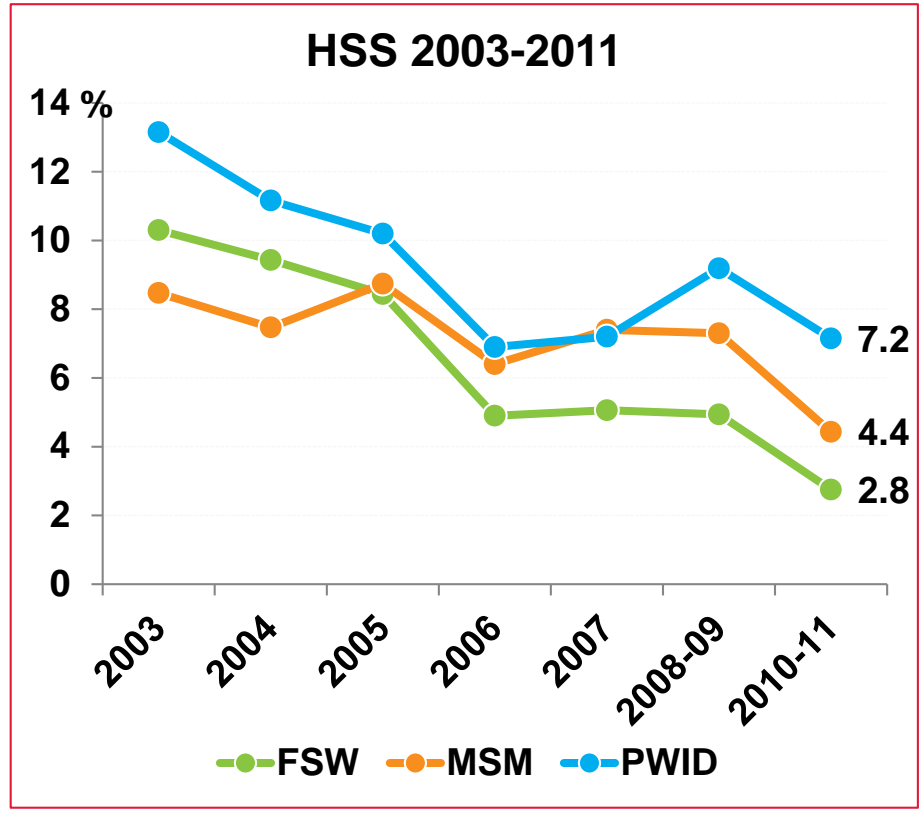
Population size estimates		
Populations	Estimate	Year of estimate
PWID	177,000	2009
FSW	868,000	2009
MSM	427,000 [High risk MSM, interventions]	2012
	3,500,000 [MSM at-risk]	

1.Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) India Global AIDS Response Progress Reporting 2014; 2) NACO.(2011). Strategic Approach for Targeted Intervention among MSM; and 3) National AIDS Control Organization India, Department of AIDS Control, & Ministry of Health & Family Welfare. (2011). Annual Report 2010-11.

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

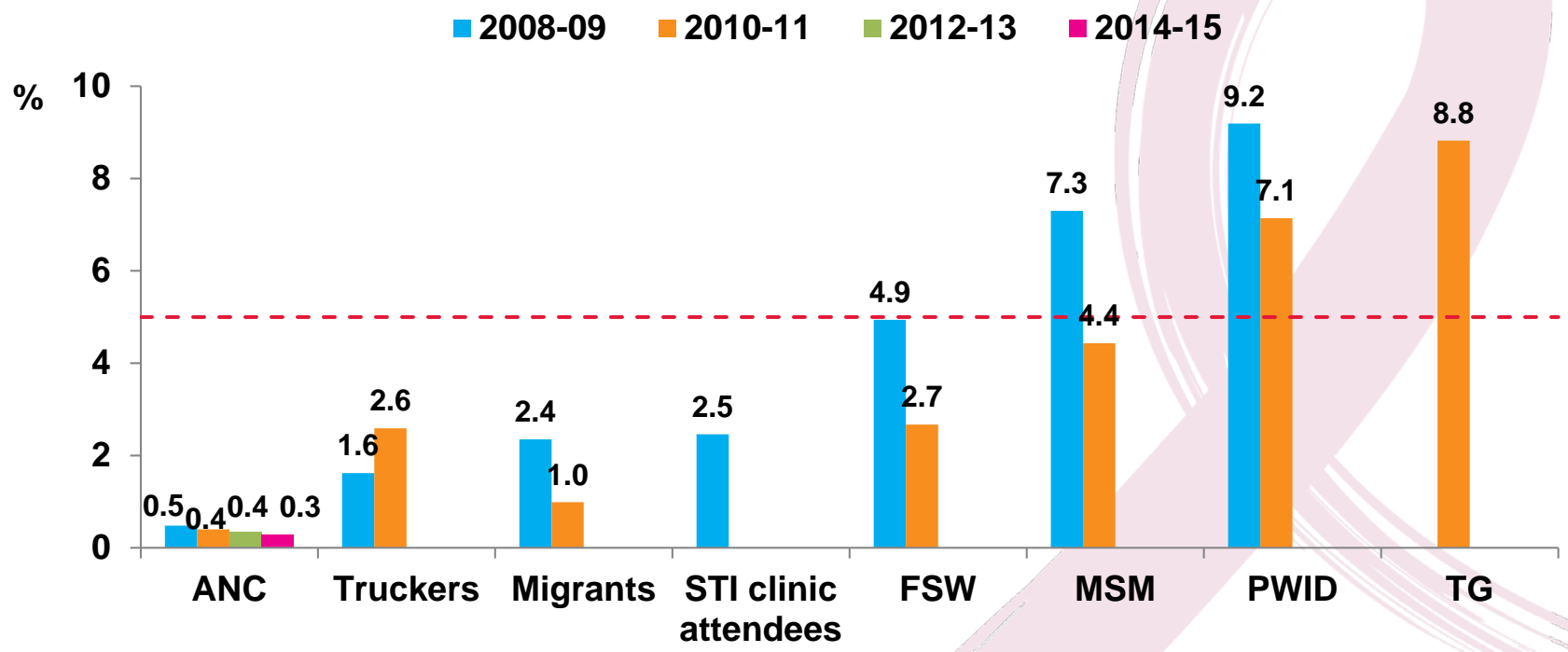
## HIV prevalence among key populations, 2003-2015



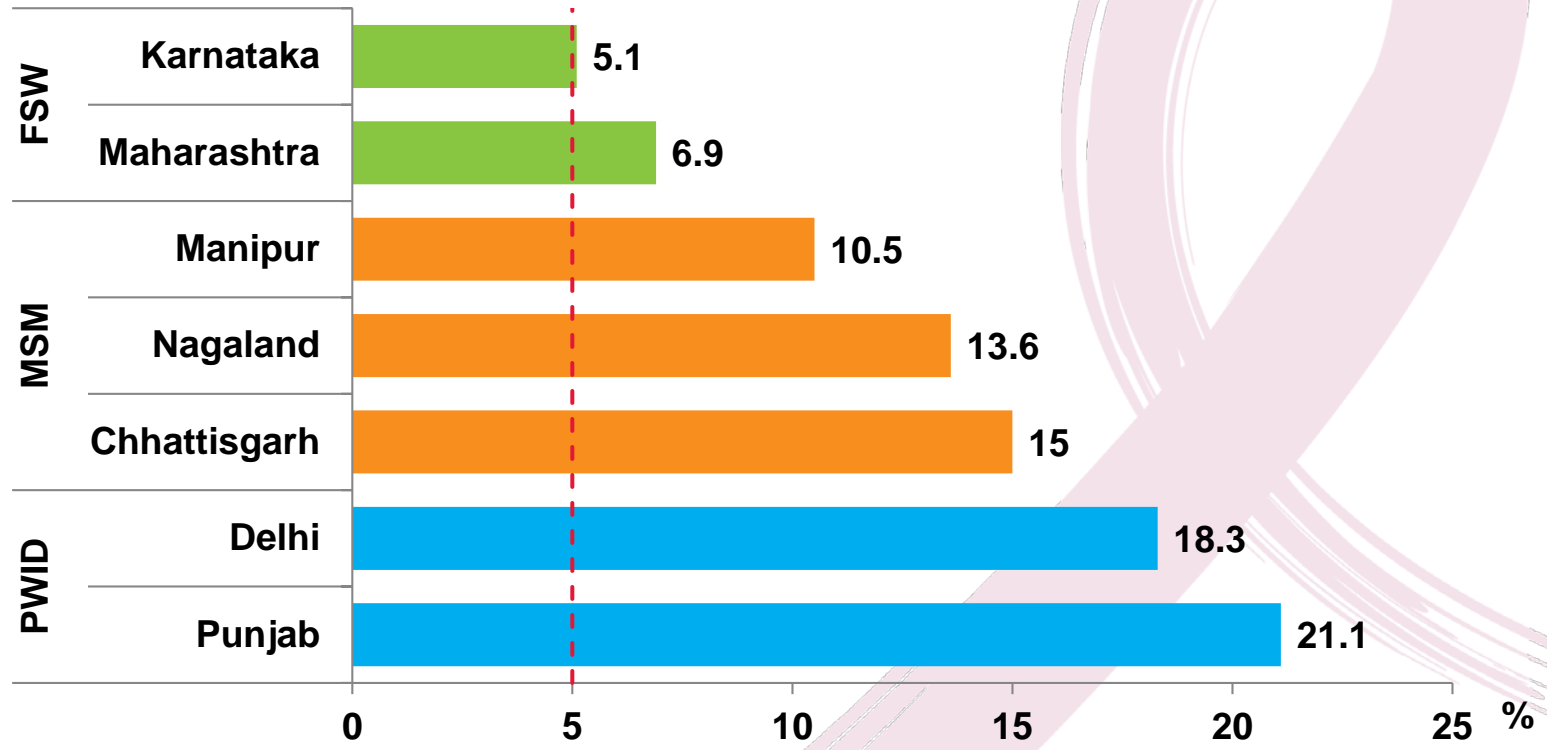
Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) National AIDS Control Organization, Ministry of Health and Family Welfare, Government of India. (2016), HIV Sentinel Surveillance 2014-15: A Technical Brief; and 2) National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.



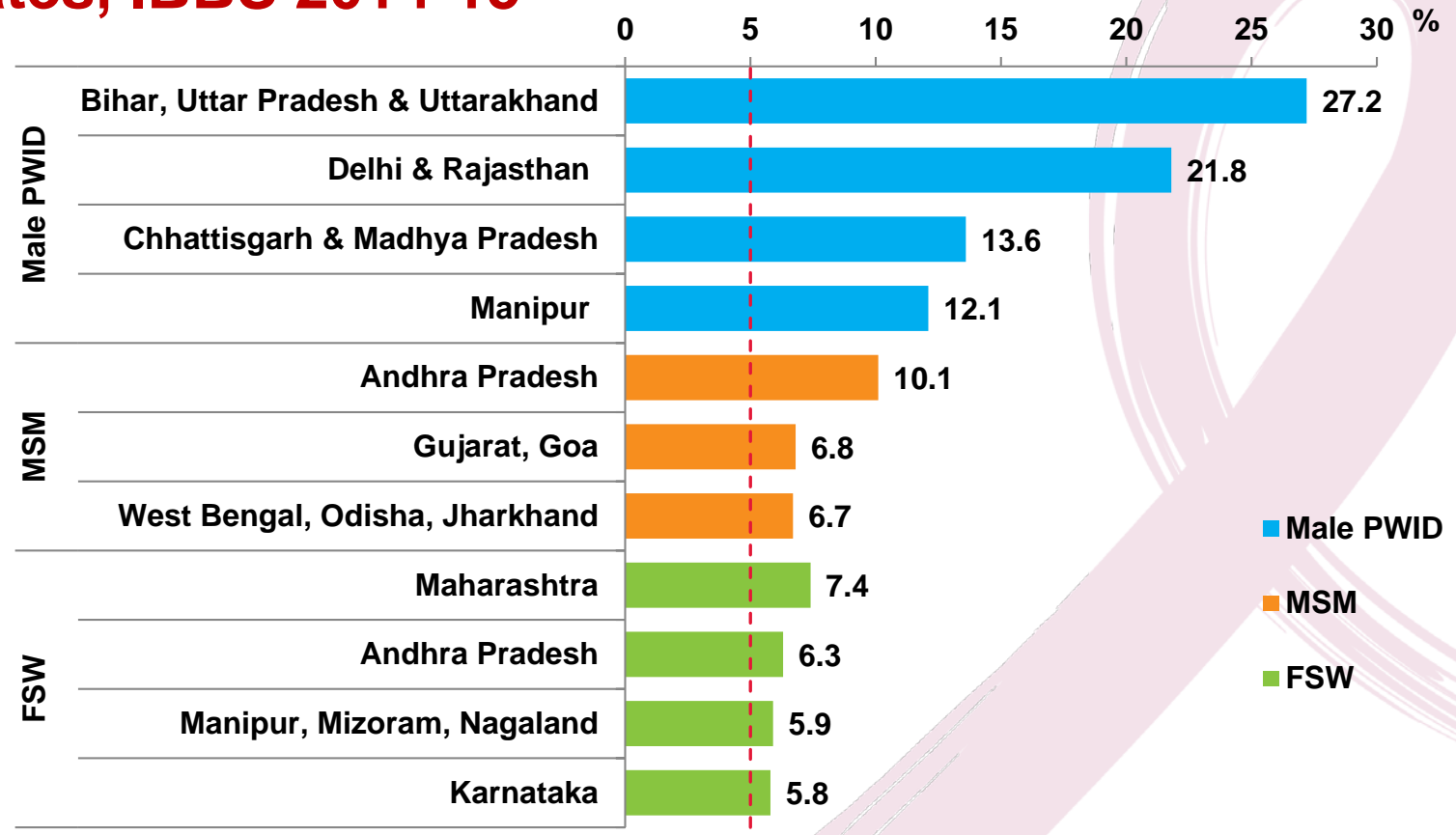
## HIV prevalence among sentinel populations, HSS reports 2008 - 2015



## HIV prevalence among key populations in selected states, HSS 2010-11



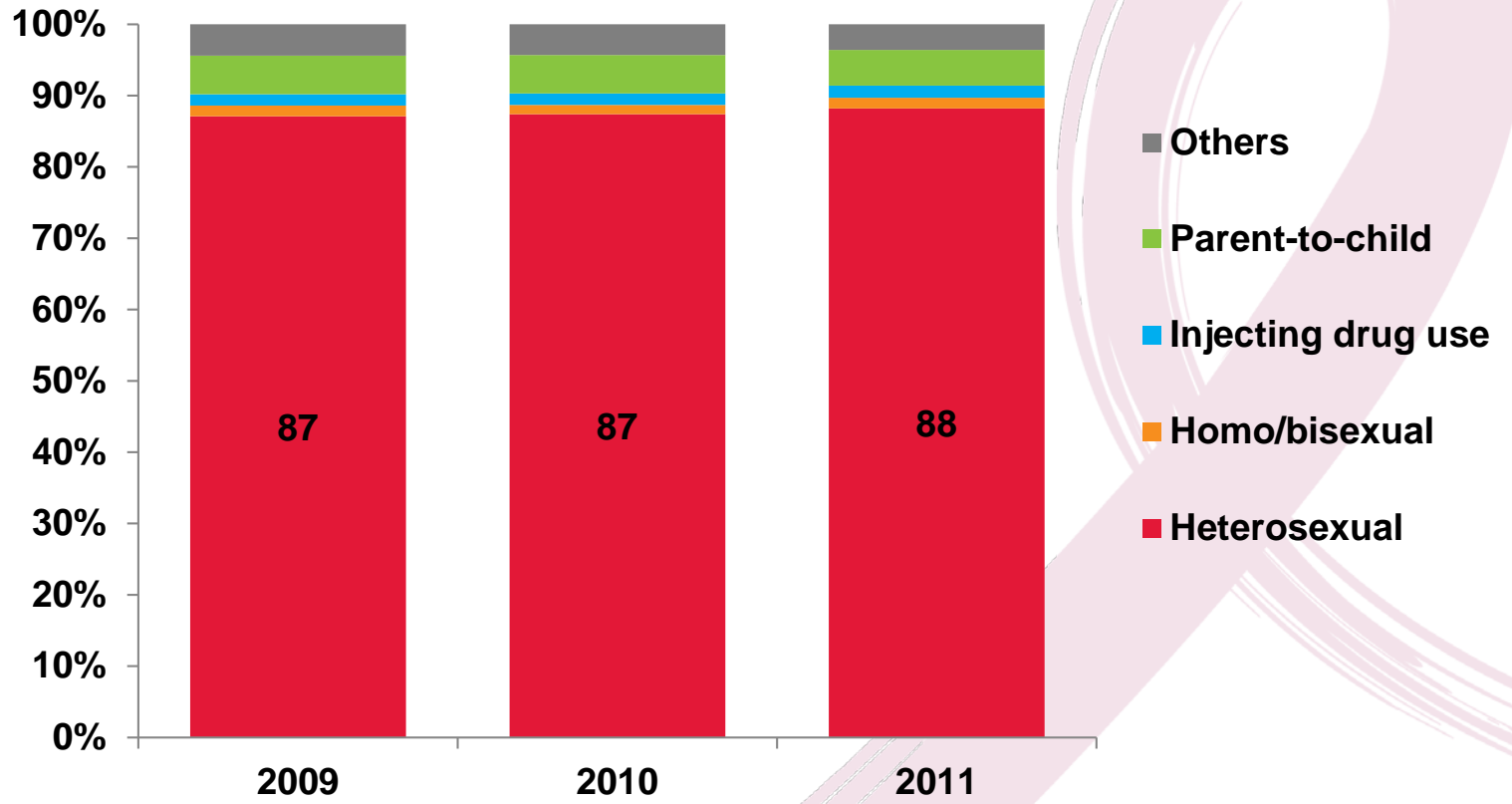
## HIV prevalence among key populations in selected states, IBBS 2014-15



# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Reported new HIV cases by mode of transmission, 2009-2011



Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) National AIDS Control Organization India, Department of AIDS Control, & Ministry of Health & Family Welfare. (2010). Annual Report 2009-10; 2) National AIDS Control Organization India, Department of AIDS Control, & Ministry of Health & Family Welfare. (2011). Annual Report 2010-11; 3) National AIDS Control Organization India, Department of AIDS Control, & Ministry of Health & Family Welfare. (2012). Annual Report 2011-12

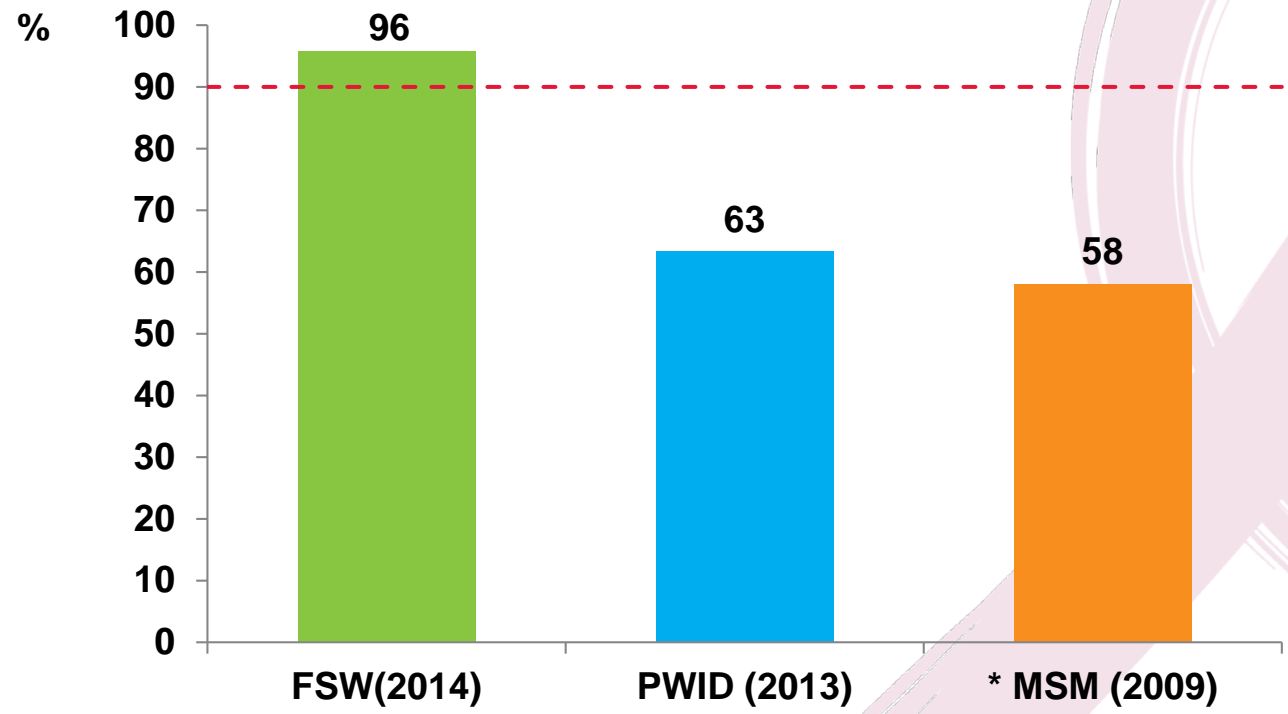


# Risk behaviors

# HIV and AIDS

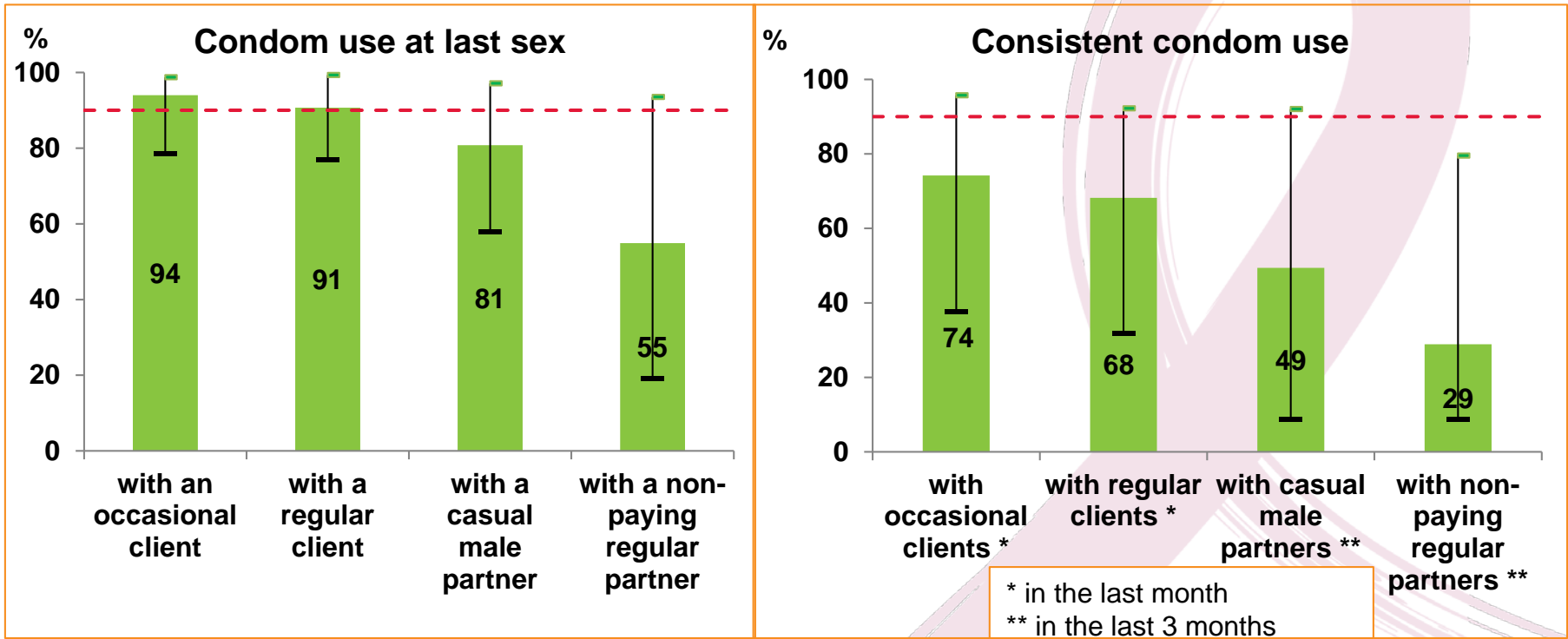
Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of key populations who reported condom use at last sex, programme data by latest available year



\* IBBS 2009, Manipur

## Proportion of FSW who reported condom use by partner type in 28 surveyed states, 2014-15

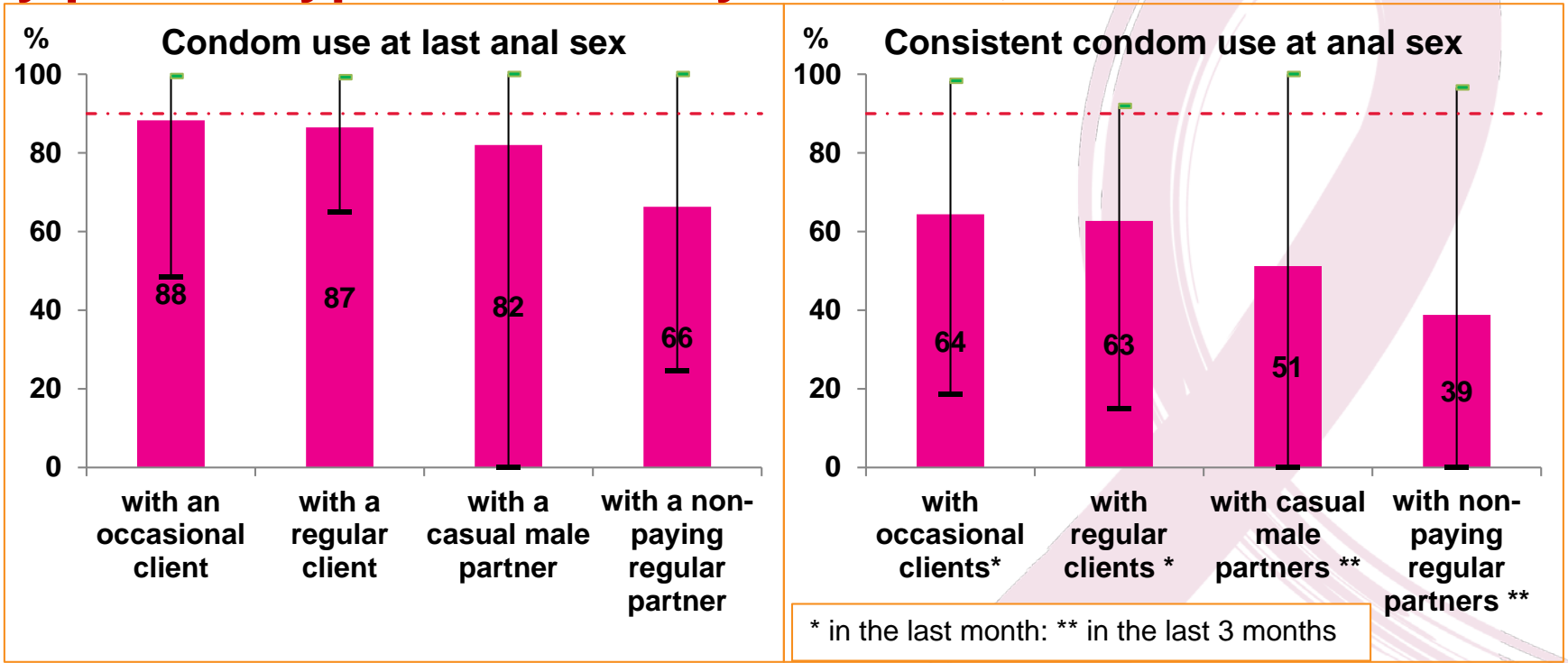


Note: Range represents the rates of condom use reported across the 28 surveyed States  
 — State with lowest proportion of condom use    — State with highest proportion of condom use

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of FSW who reported condom use at anal sex by partner type in 28 surveyed states, 2014-15



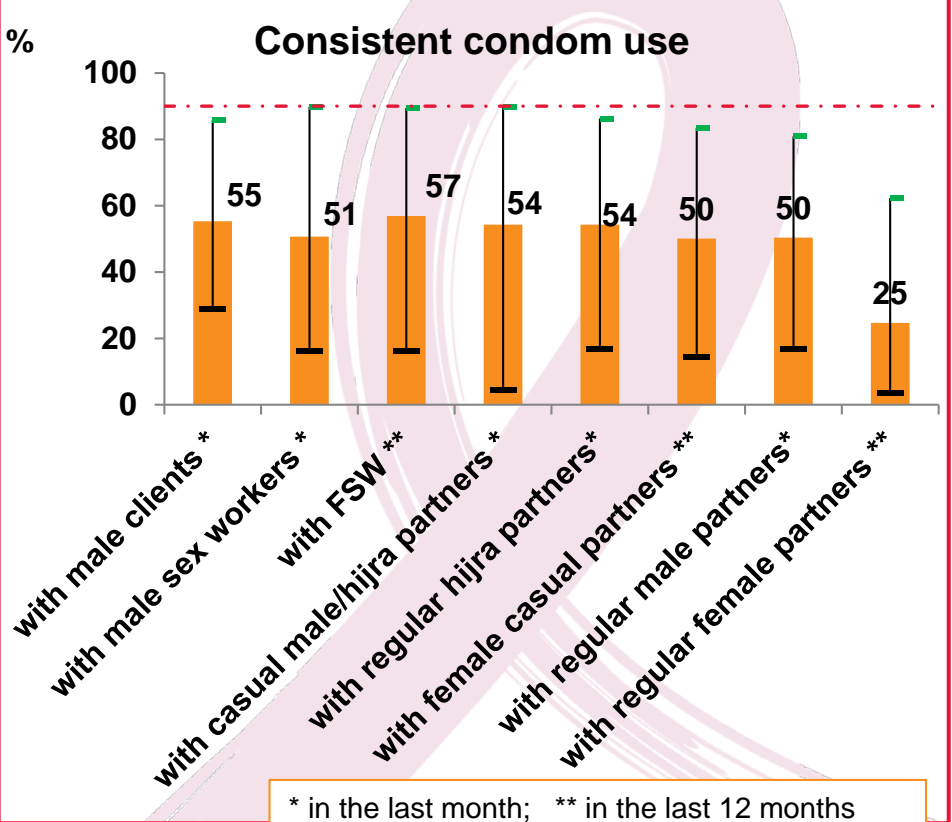
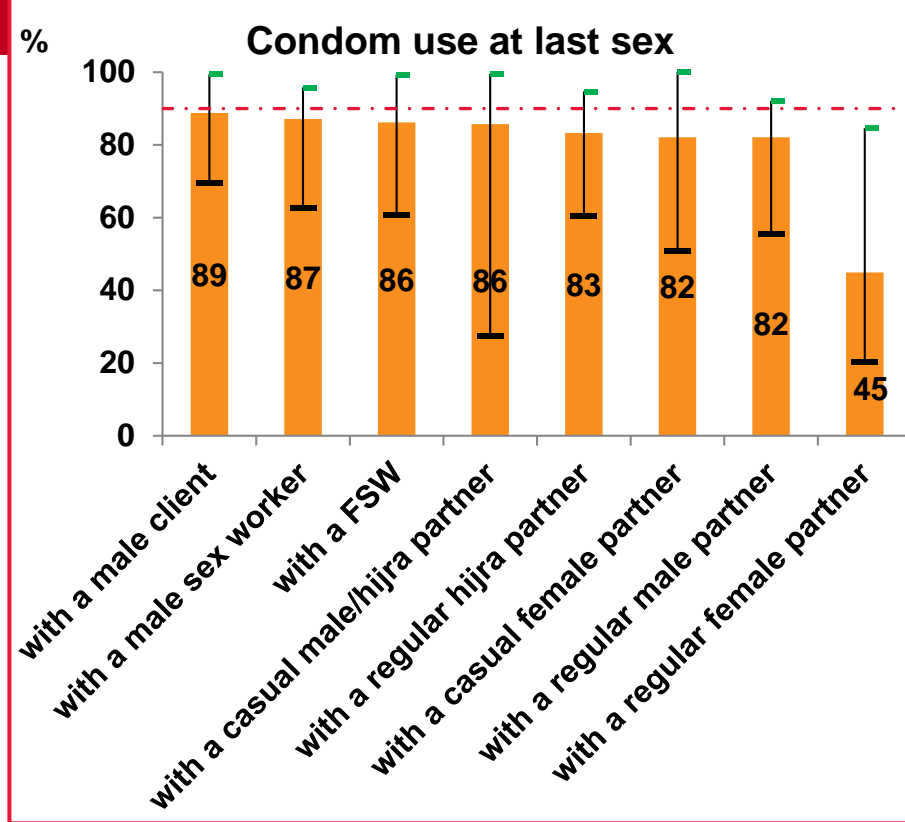
Note: Range represents the rates of condom use reported across the 28 surveyed States  
 — State with lowest proportion of condom use    — State with highest proportion of condom use



## HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

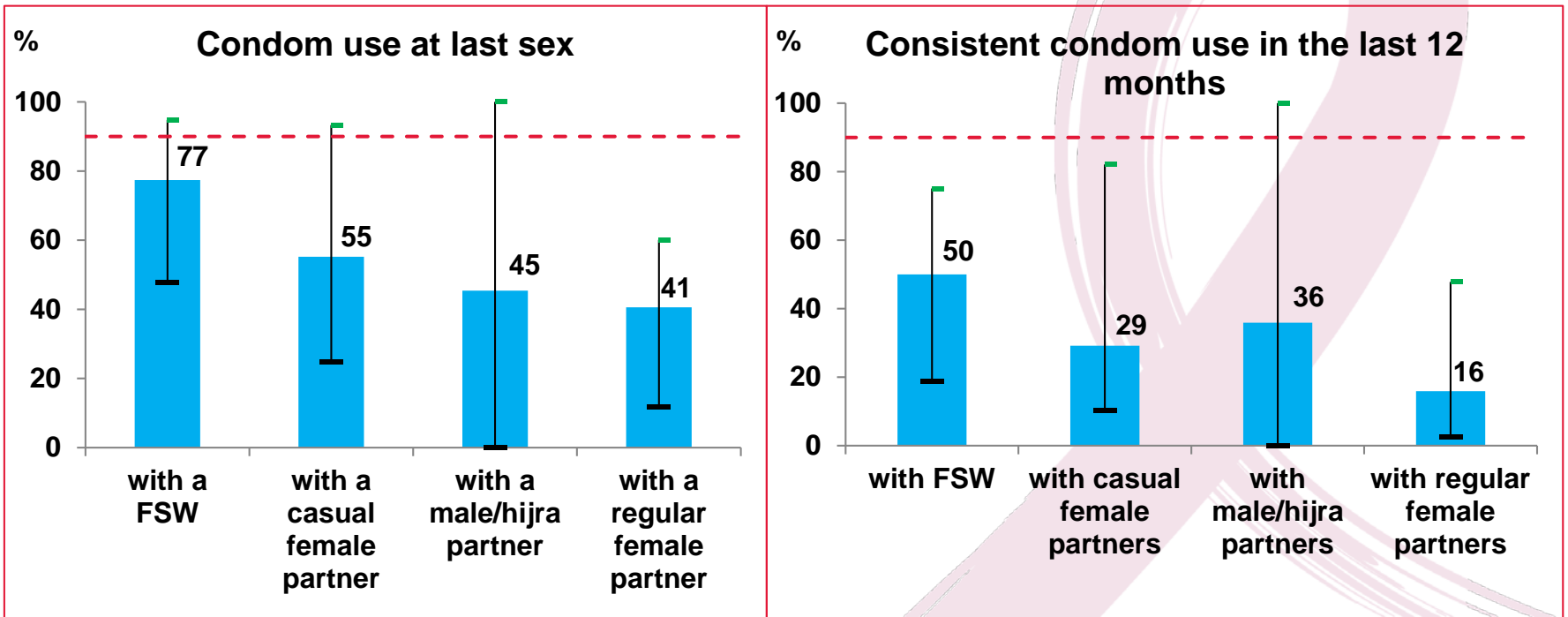
### Reported condom use by partner type in 24 surveyed states, 2014-15



\* in the last month; \*\* in the last 12 months

Note: Range represents the rates of condom use reported across the 24 States  
 — State with lowest proportion of condom use    — State with highest proportion of condom use

## Proportion of male PWID who reported condom use by partner type in 29 surveyed states, 2014-15

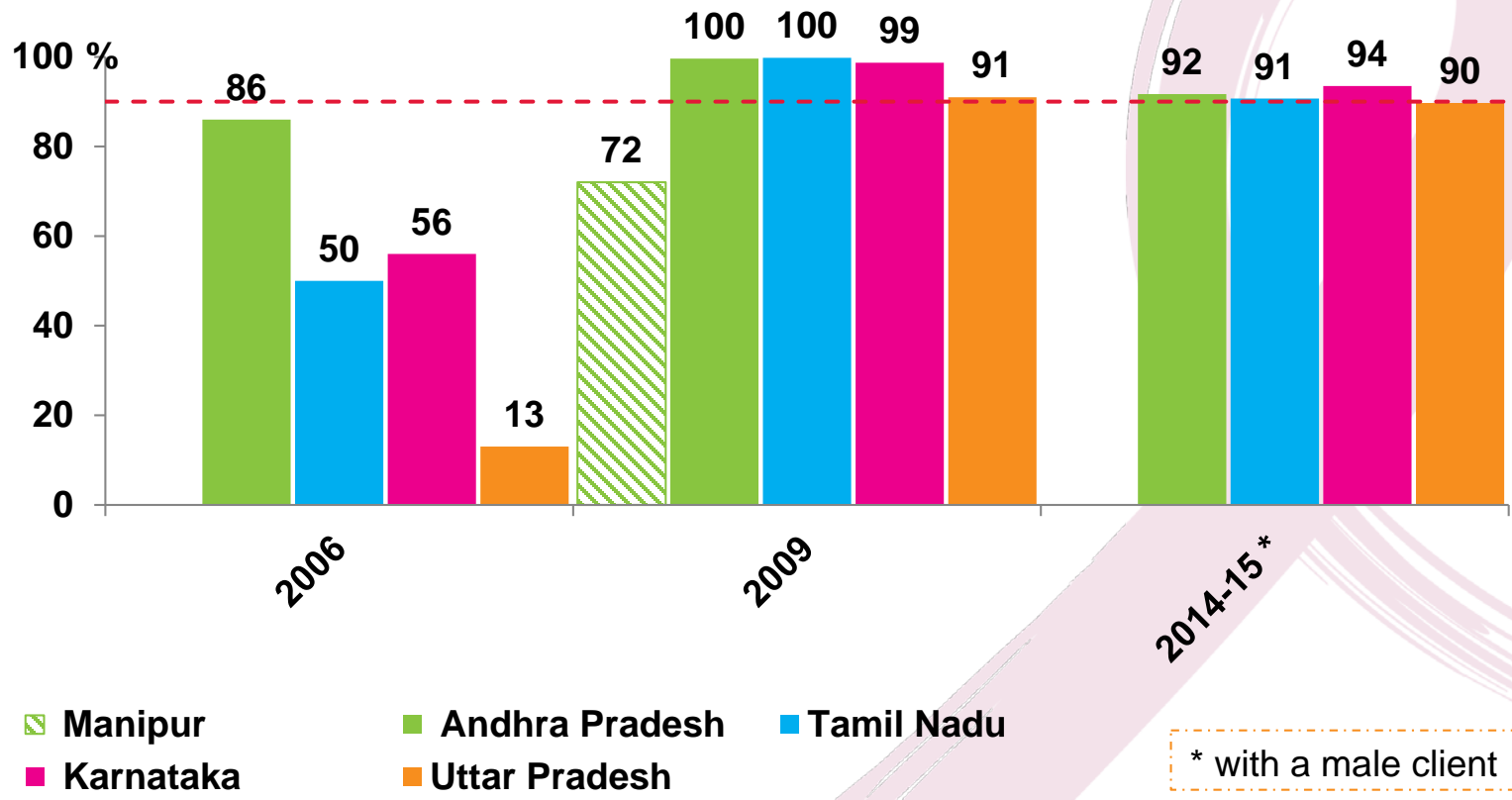


Note: Range represents the rates of condom use reported across the 29 States  
 — State with lowest proportion of condom use    — State with highest proportion of condom use

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of MSM who reported condom use at last commercial sex, 2006-2015

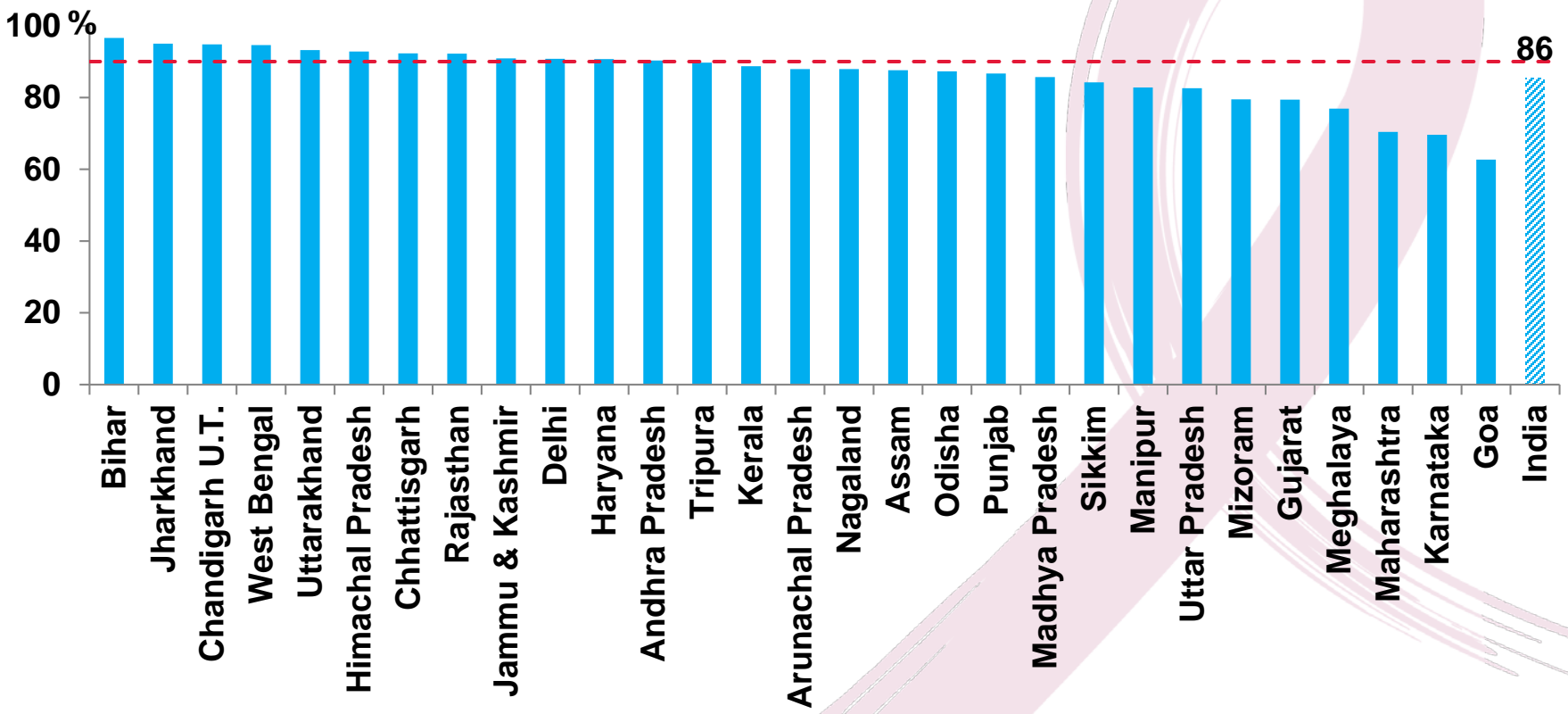


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) Data received from UNAIDS India country office as part of preparation for the UNAIDS Regional Management Meeting, Bangkok, October 2012; and 2) National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India

# HIV and AIDS

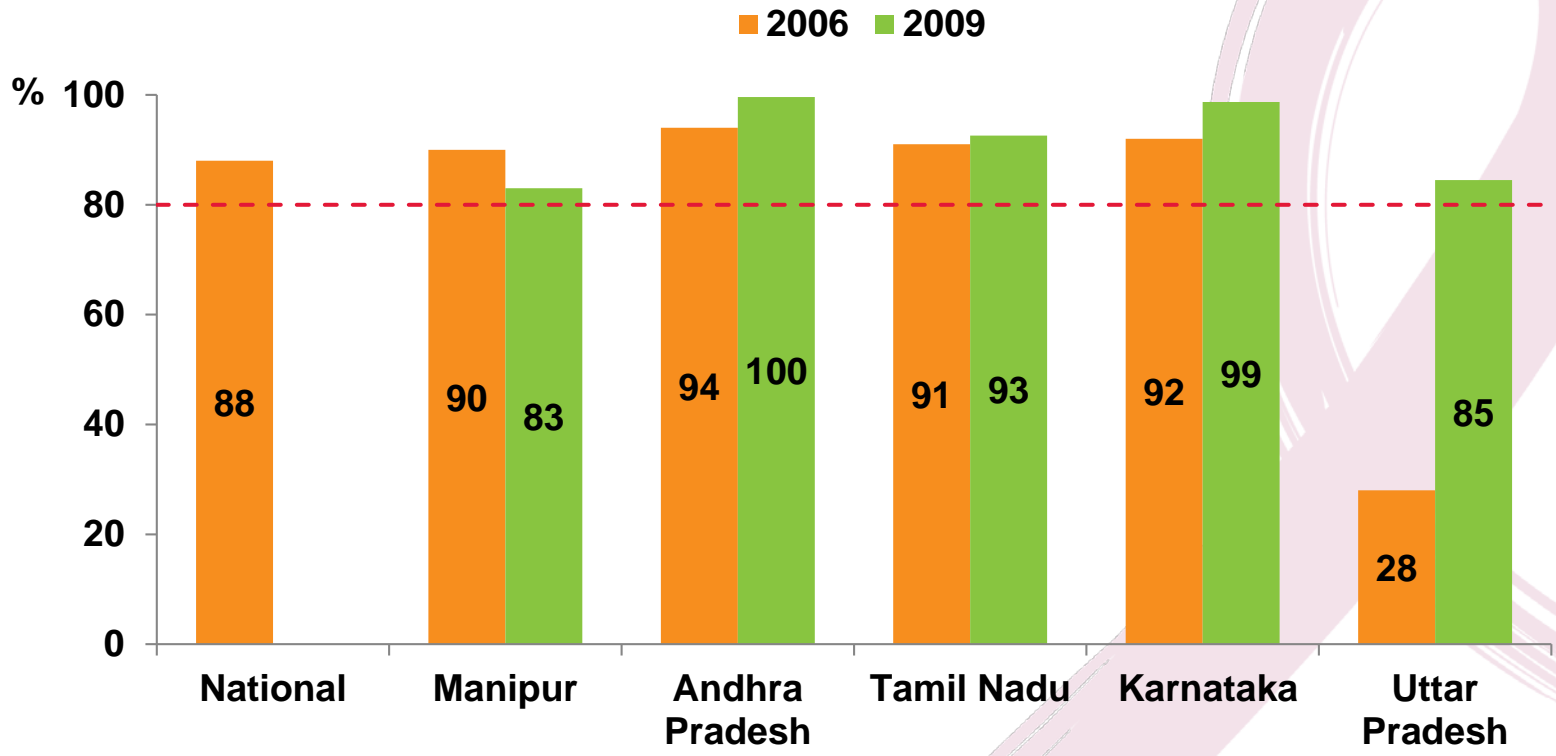
Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of male PWID who reported the use of sterile injecting equipment at last injection, 2014-15

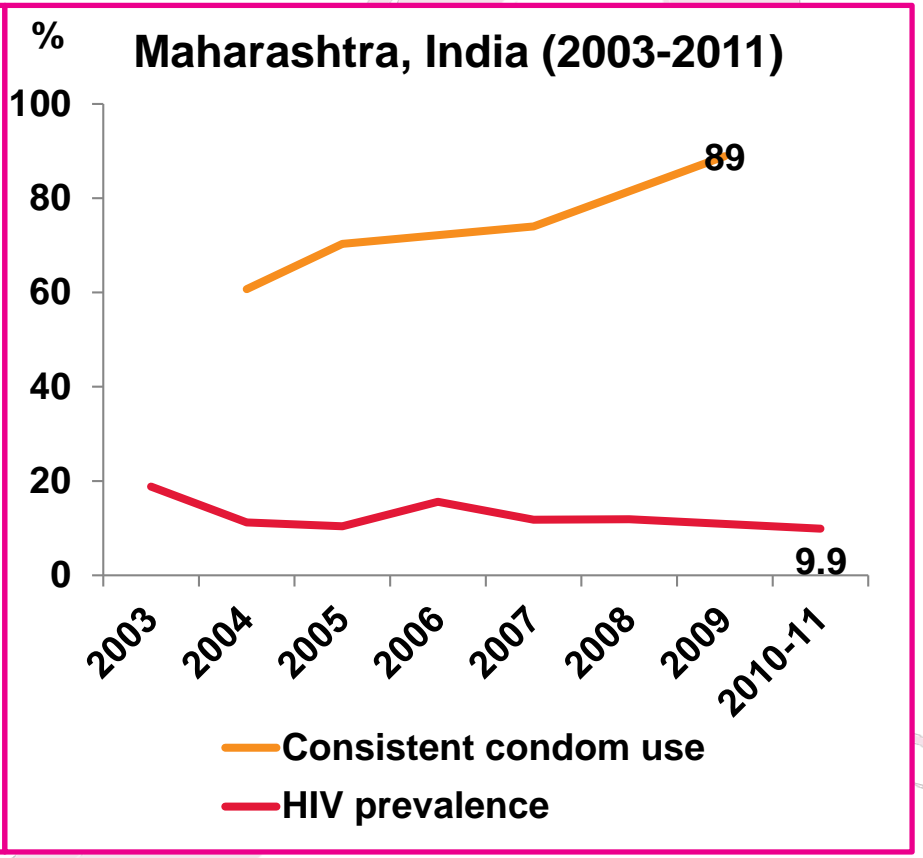
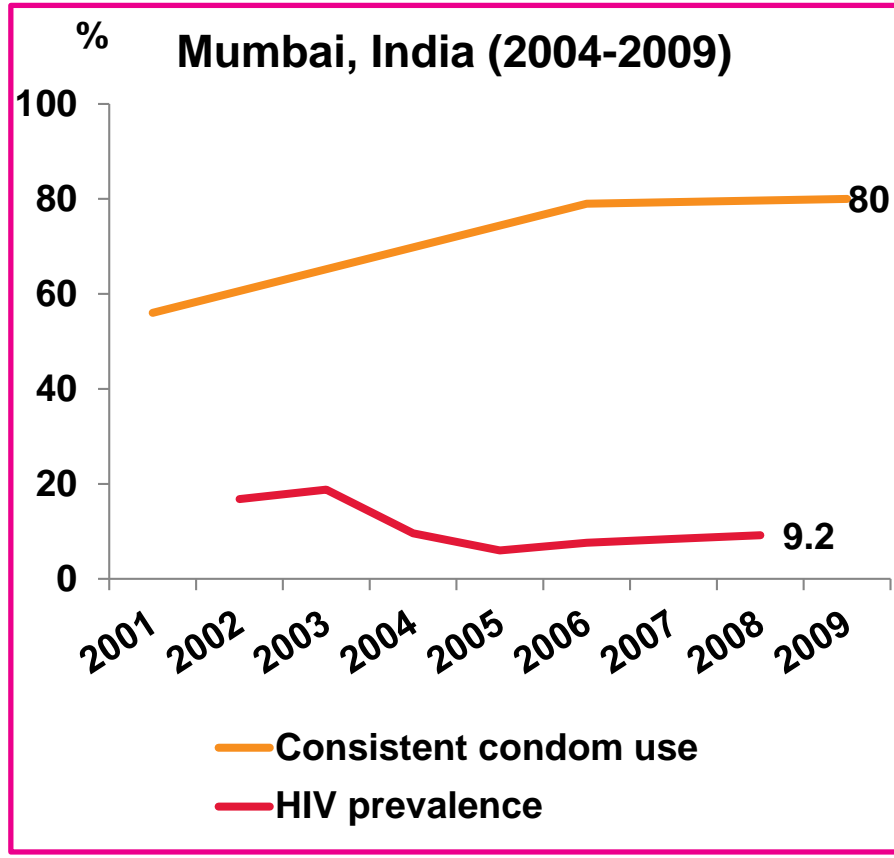


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India

## Proportion of FSW who reported condom use at last sex with clients, 2006-2009

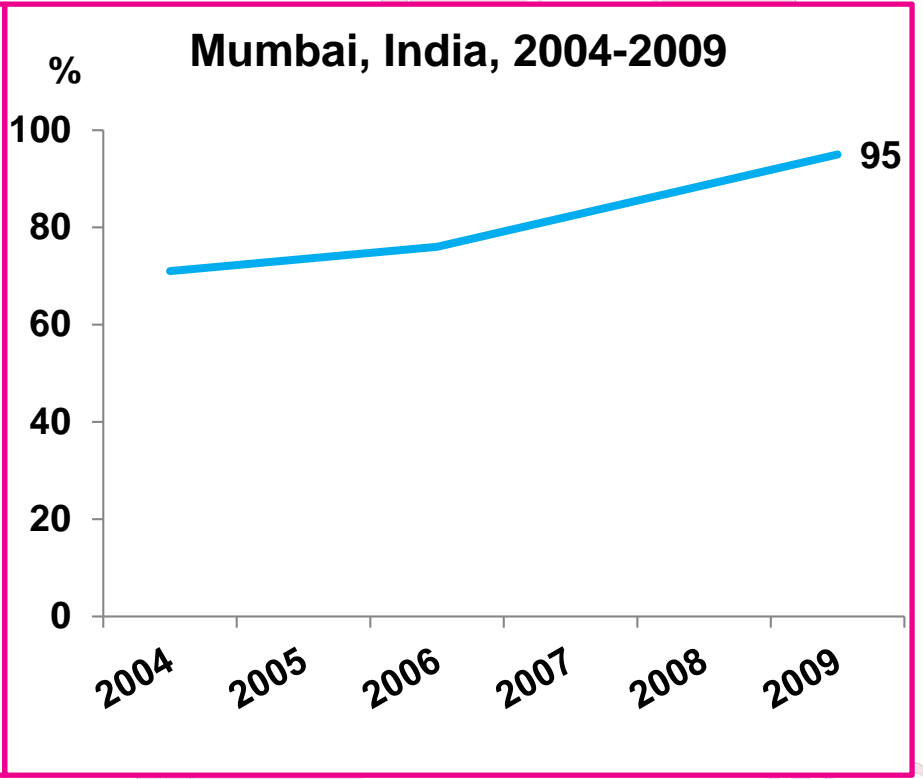
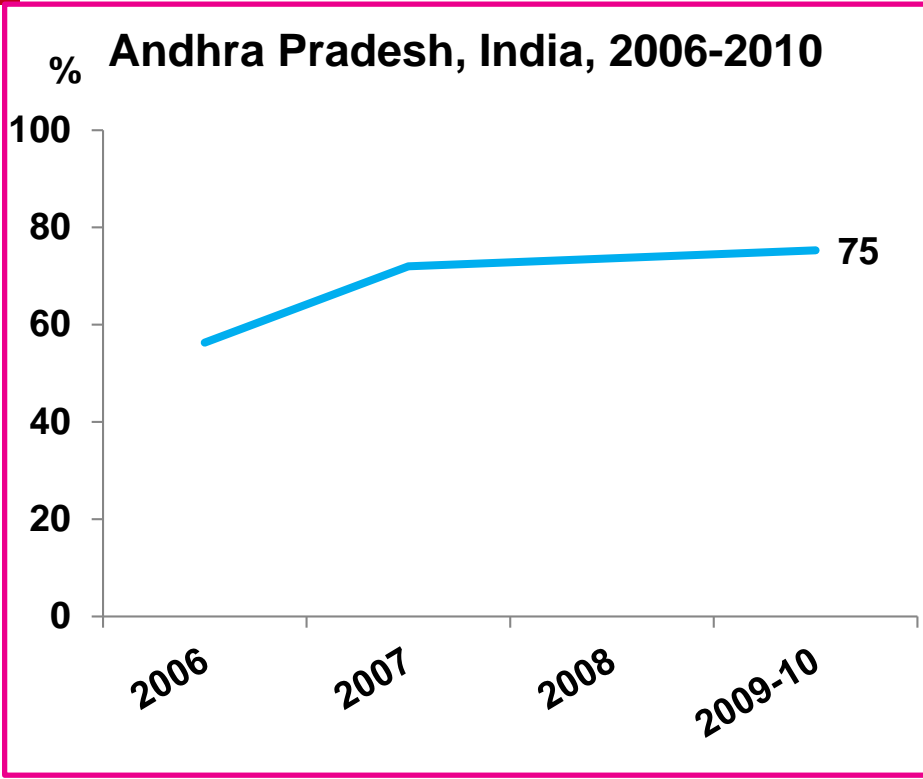


## Trends in consistent condom use and HIV prevalence among MSM, 2001-2011



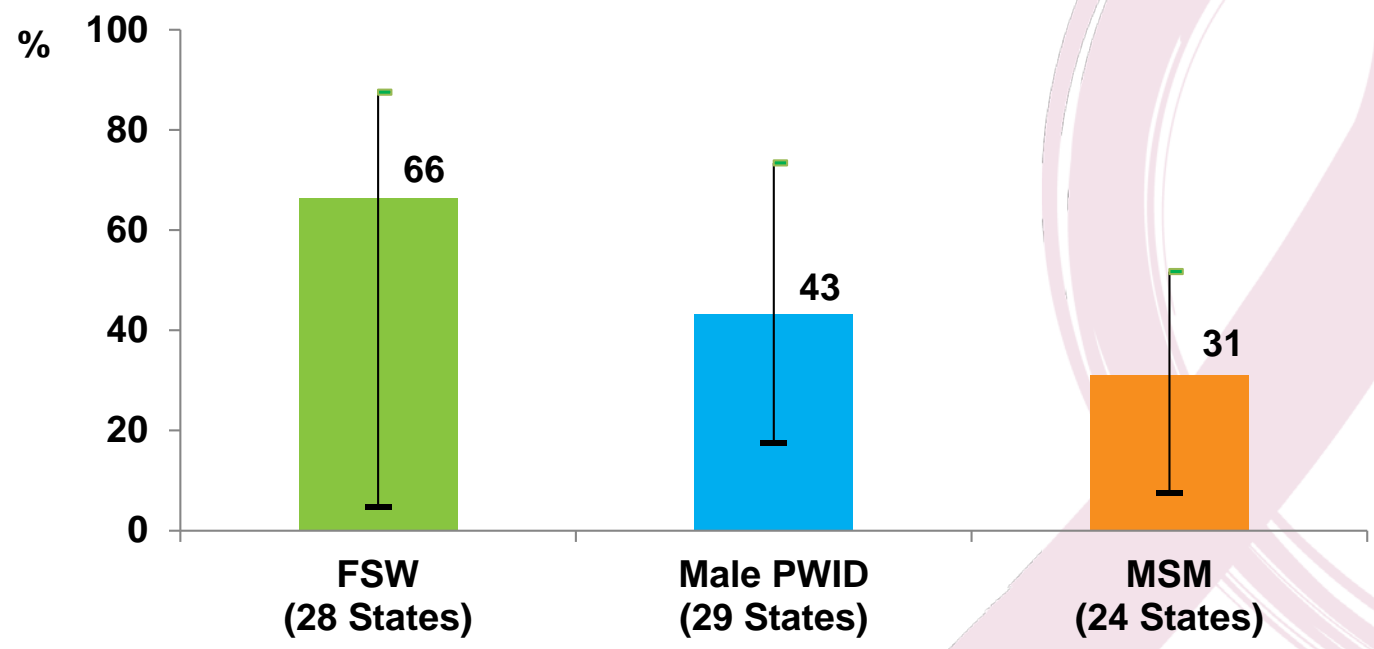
Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1. Mishra, R. M., Dube, M., et al. (2012). Changing epidemiology of HIV in Mumbai: An application of the Asian epidemic model. Glob J Health Sci, 4(5), 100-112.; 2.Avert Society. (2009). BSS Wave V: Maharashtra; Lan, W., Lu, W., et al. (2012).

### Trends in consistent condom use among female sex workers with their clients, 2006-2010



Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1. Erausquin, J. T., Biradavolu, M., et al. (2012). Trends in condom use among female sex workers in Andhra Pradesh, India: the impact of a community mobilisation intervention. J Epidemiol Community Health, 66(2), 2011-200511; 2. Mishra, R. M., Dube, M., et al. (2012). Changing epidemiology of HIV in Mumbai: an application of the Asian epidemic model. Glob J Health Sci, 4(5), 100-112.

## Proportion of surveyed key populations who are married, 2014-15

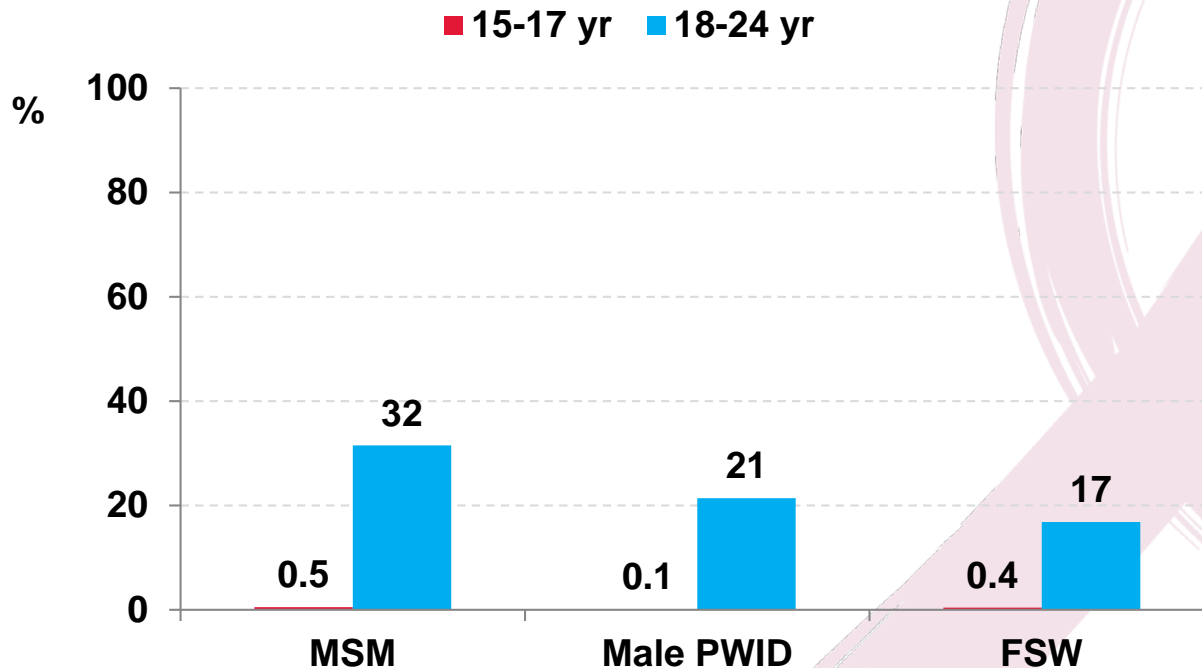


Note: Range represents the proportion of key populations who reported being married in the surveyed States  
 — State with lowest proportion of married key population type    — State with highest proportion of married key population type

Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.



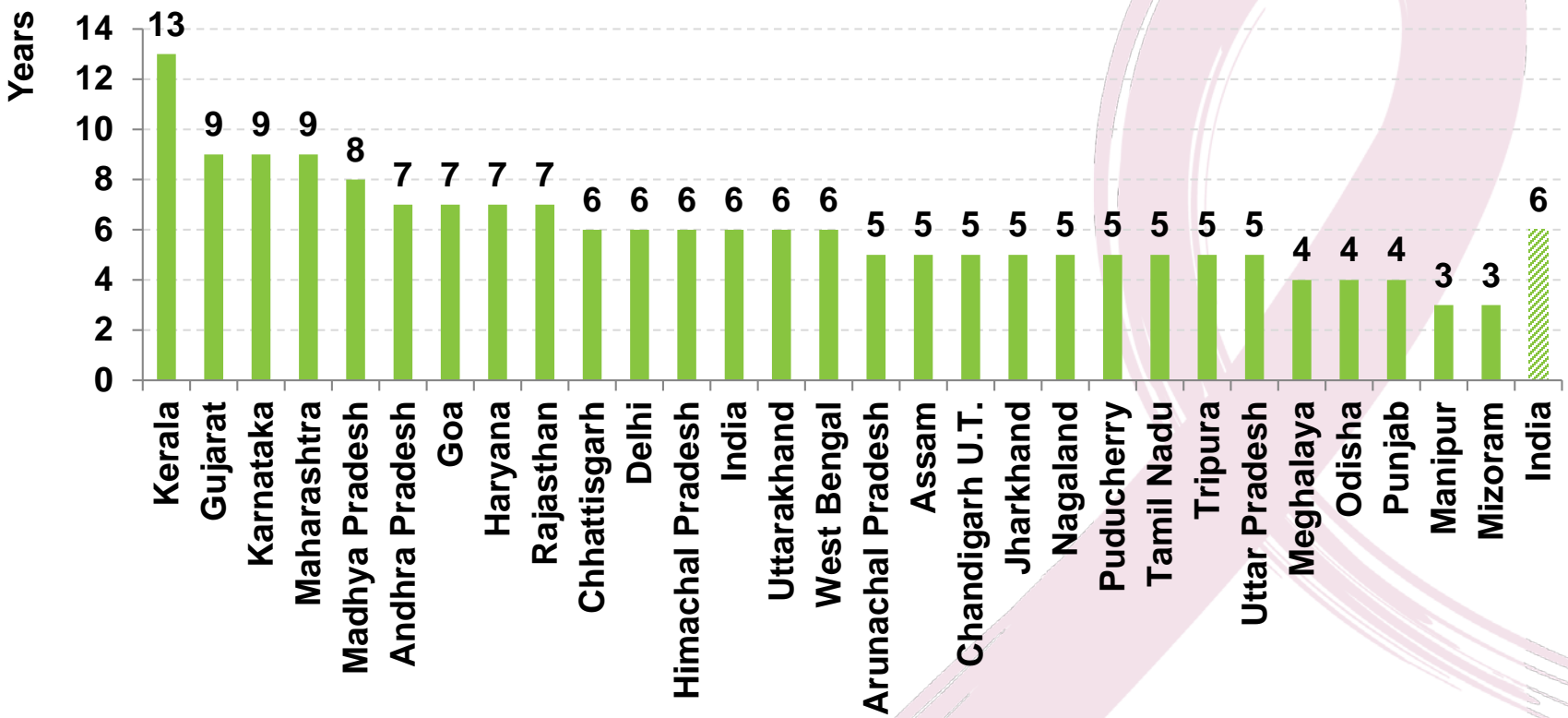
## Proportion of surveyed key populations who are younger than 25, 2014-15



# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Average duration of sex work among FSW, 2014-15

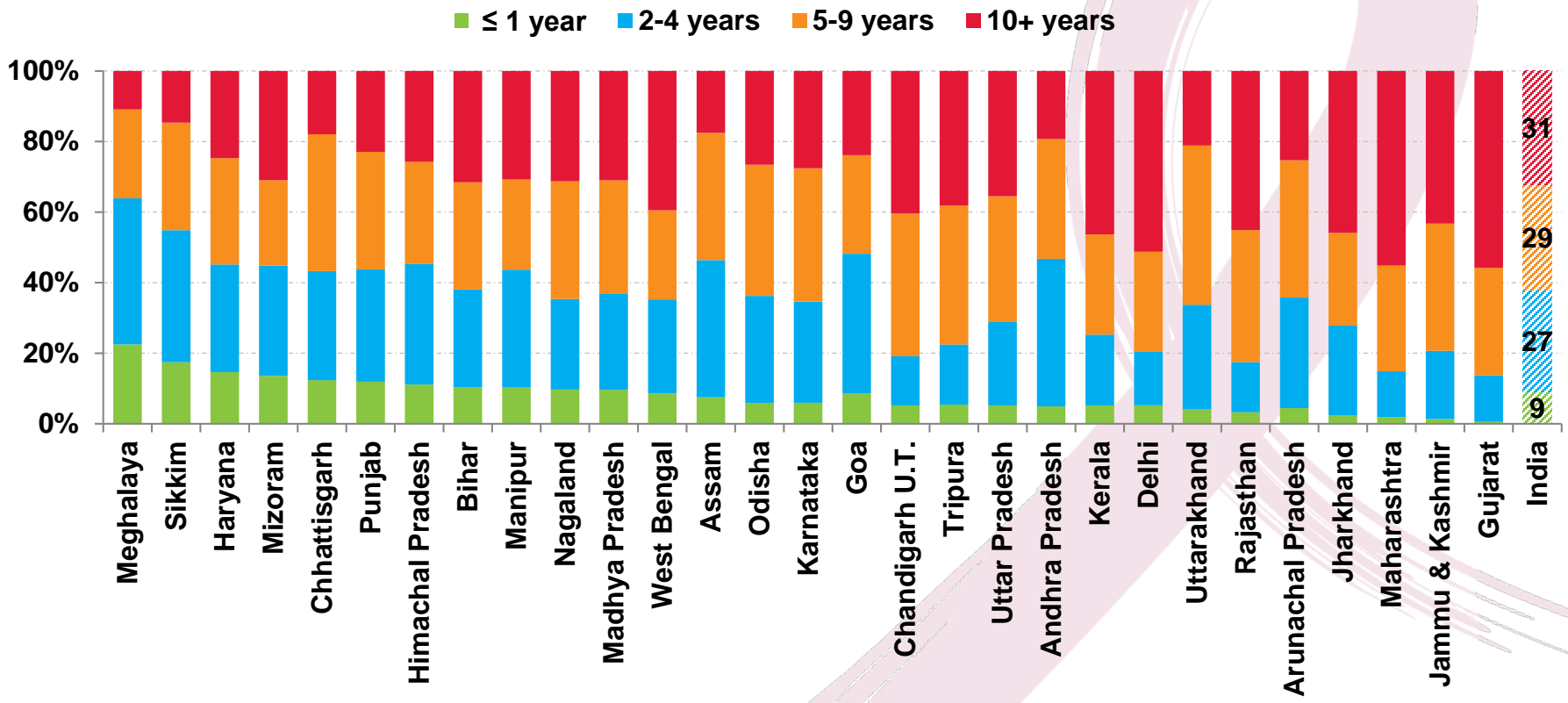


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of male PWID with reported duration of injecting drug use behavior, 2014-15

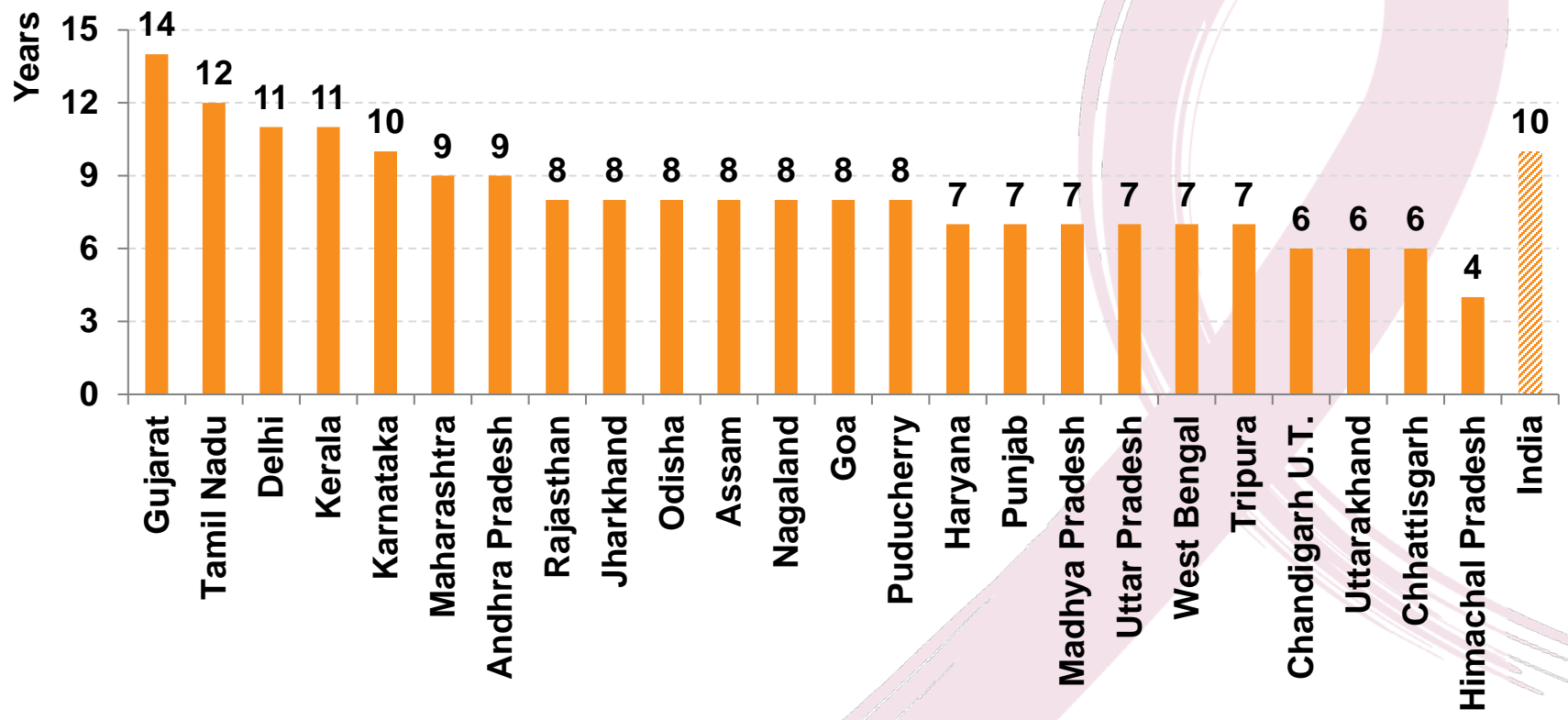


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Median duration of homosexual behavior among MSM, 2014-15

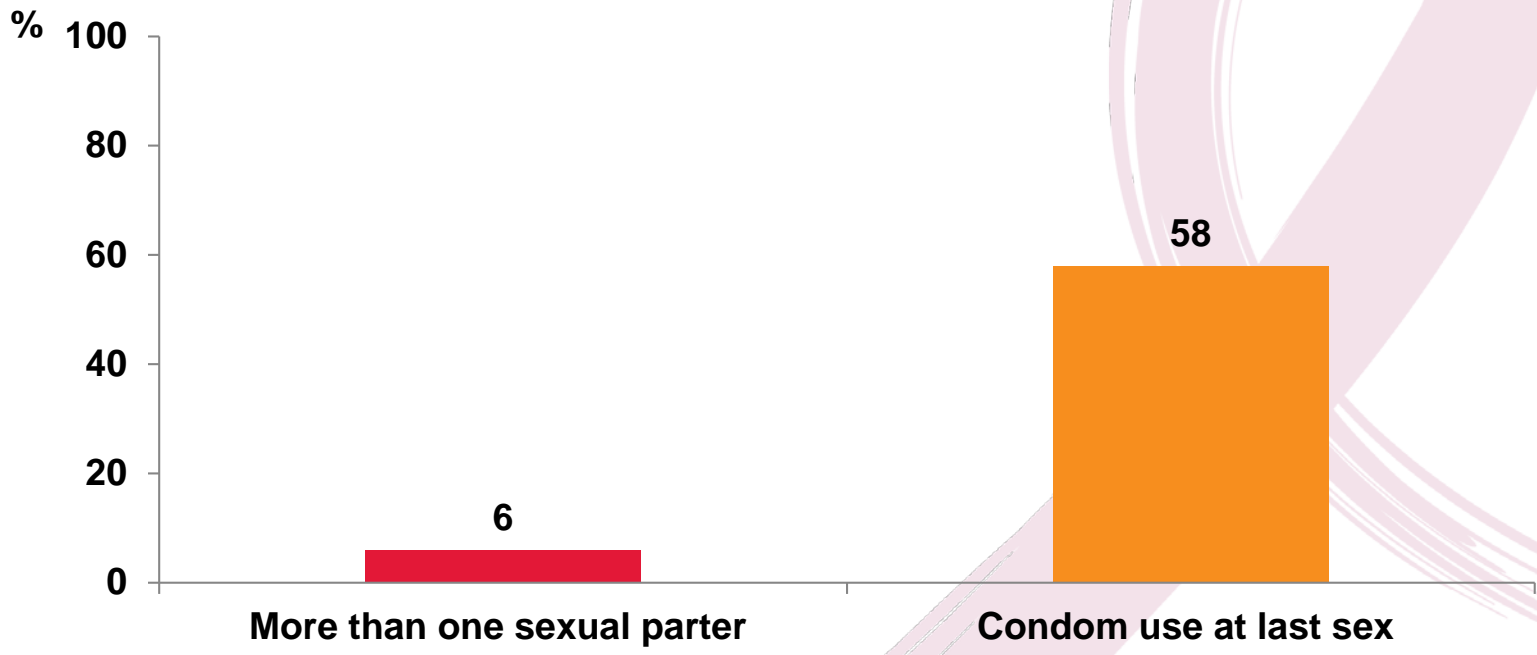


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

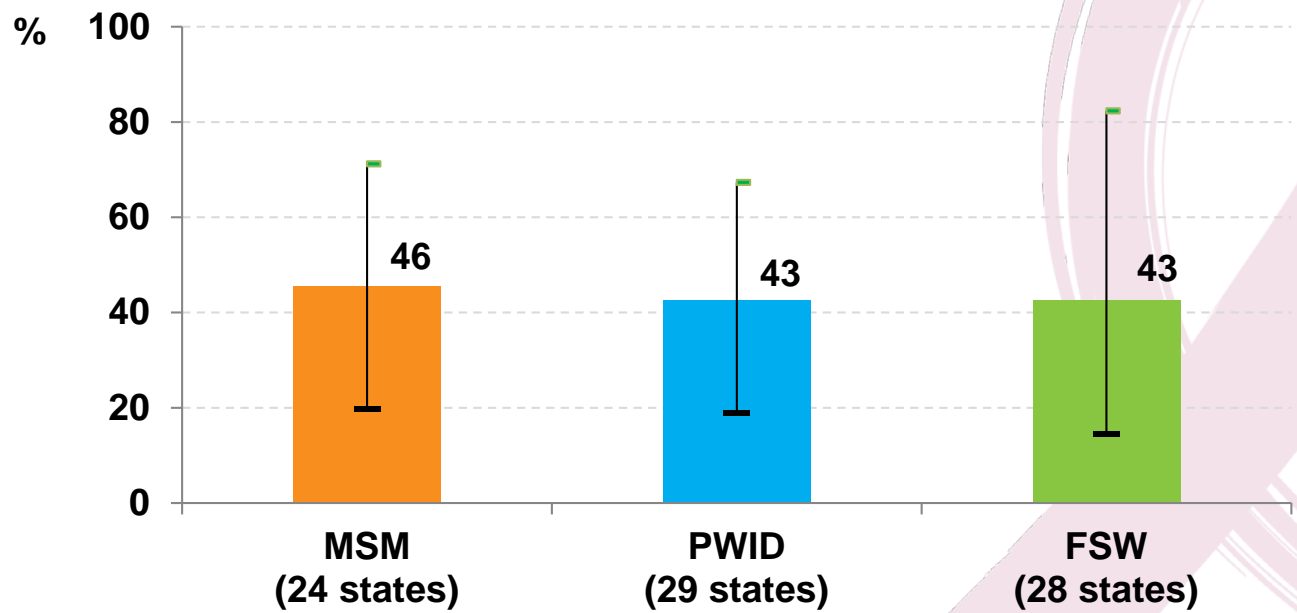
## Proportion of adults (15-49) years who reported having more than one sexual partner in the last 12 months and reported use of a condom at last sex, 2009



A large, stylized red ribbon graphic is positioned in the background, partially overlapping the text. The ribbon is rendered in a dark red color with a slight gradient and a brushstroke-like texture.

# Vulnerability and HIV knowledge

## Proportion of surveyed key populations with comprehensive HIV knowledge, 2014-15



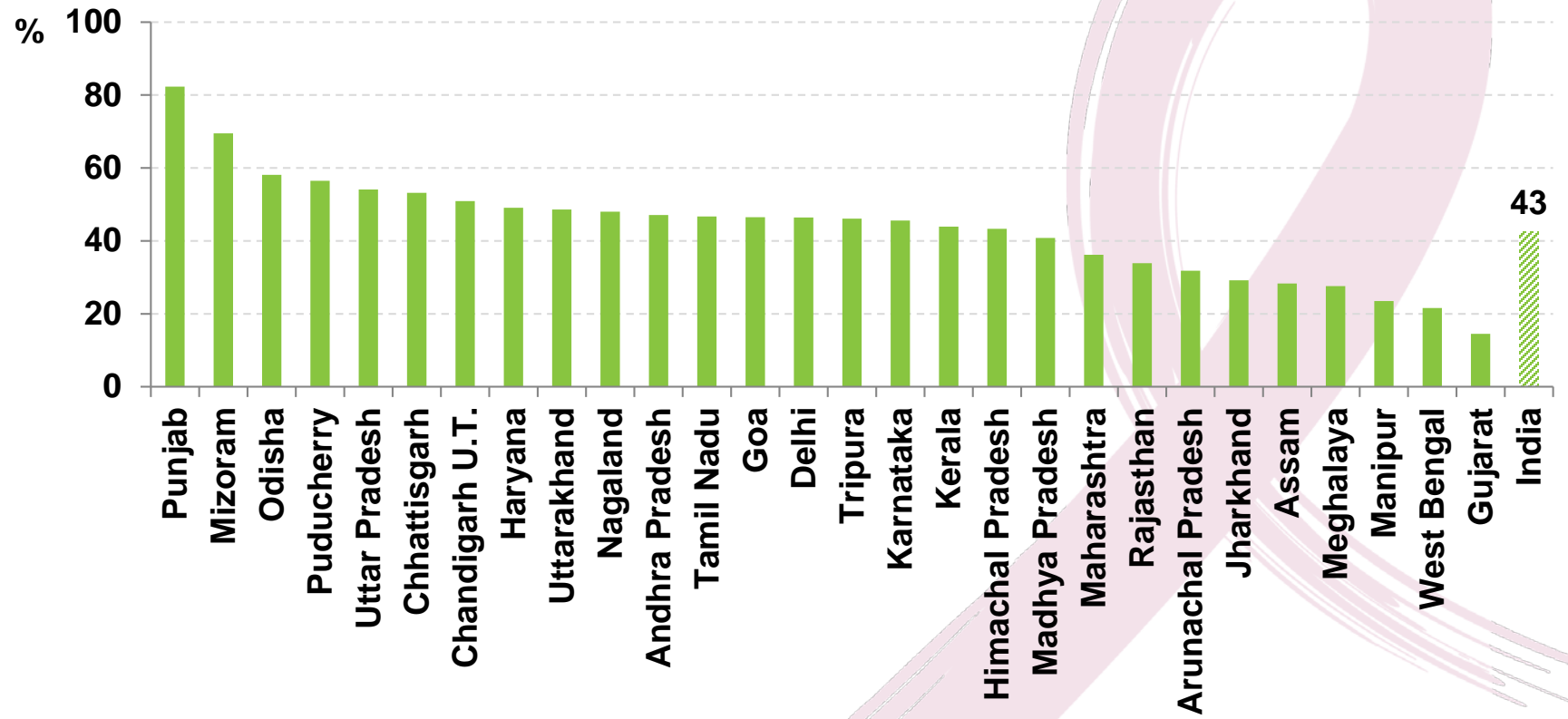
Note: Range represents the proportion of key populations with comprehensive HIV knowledge across surveyed States

- State with lowest proportion of key population comprehensive HIV knowledge
- State with highest proportion of key population with comprehensive HIV knowledge

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of FSWs with comprehensive HIV knowledge by state, 2014-15



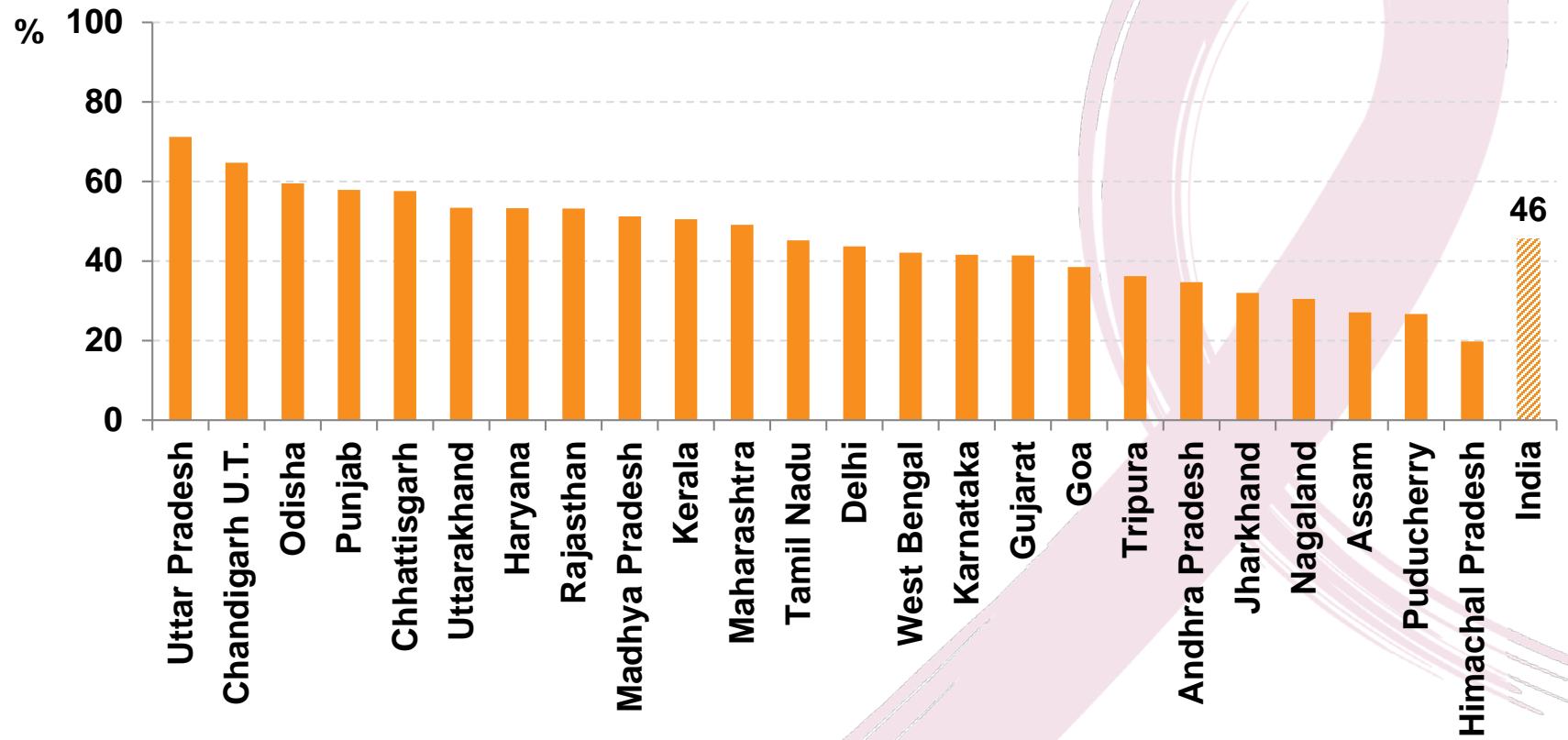
Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.



# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

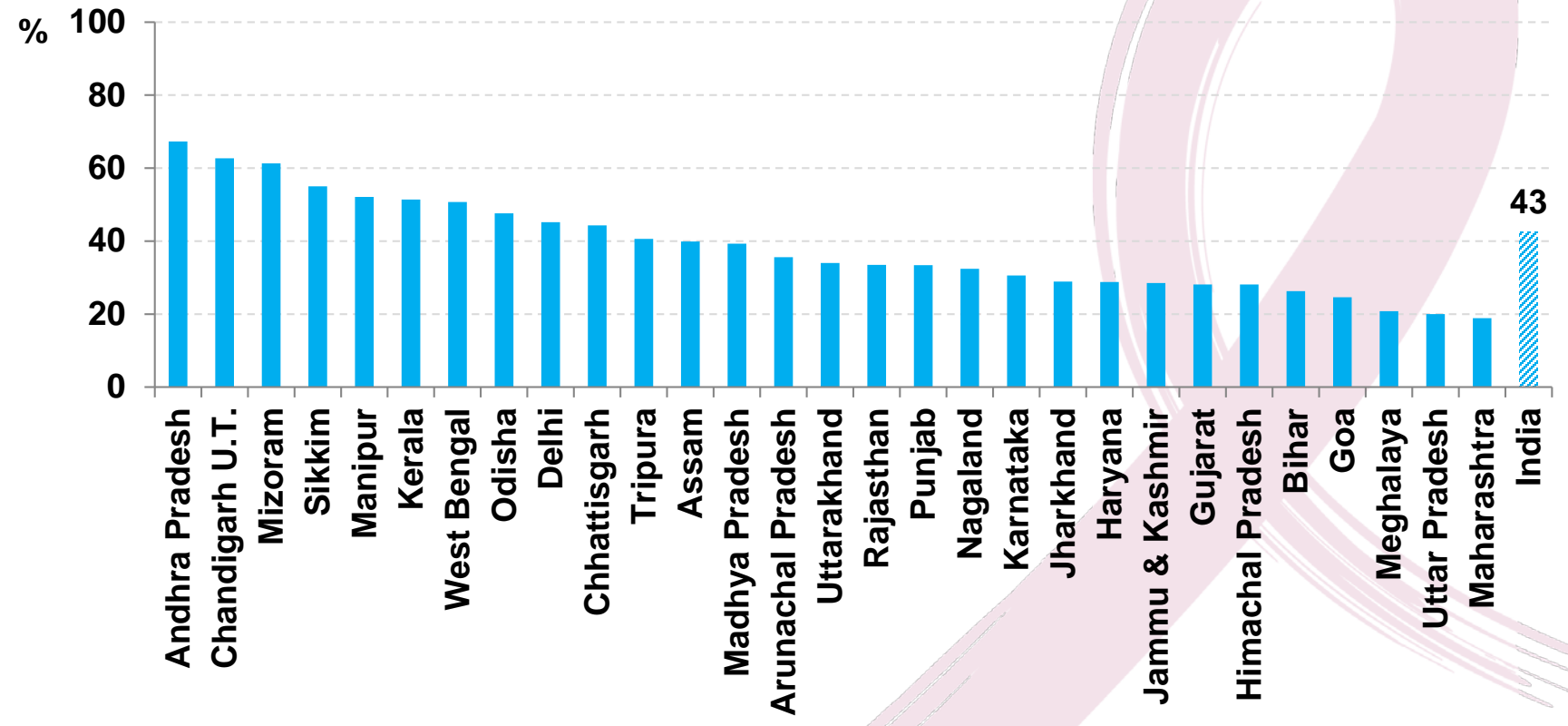
## Proportion of MSM with comprehensive HIV knowledge by state, 2014-15



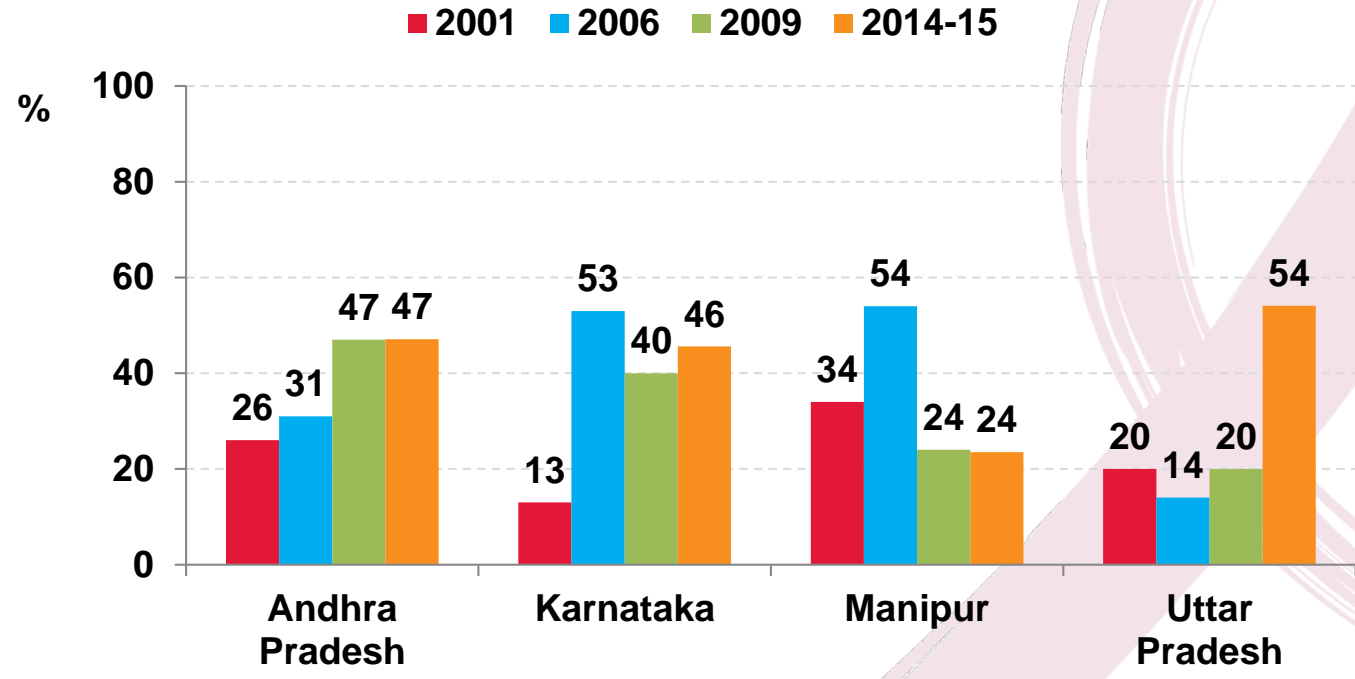
# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of PWID with comprehensive HIV knowledge by state, 2014-15



## Proportion of FSWs with comprehensive HIV knowledge, selected states, 2001 - 2015

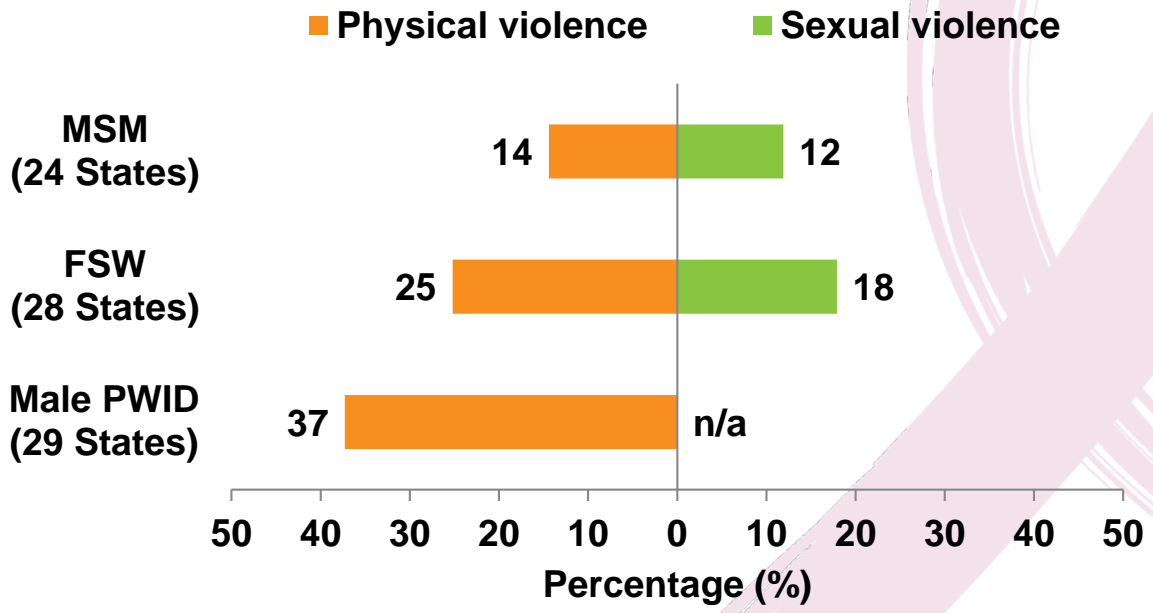


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1. National AIDS Control Organization India. (2008). *National Behavioral Surveillance Survey (BSS) 2006: Female Sex Workers (FSWs) and their Clients*, 2. Behavioral Surveillance Survey, 2009 cited in National AIDS Control Organization India. (2010). *UNGASS Country Progress Report: India*; and 3. National AIDS Control Organization (2015). *National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15*. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.

# HIV and AIDS

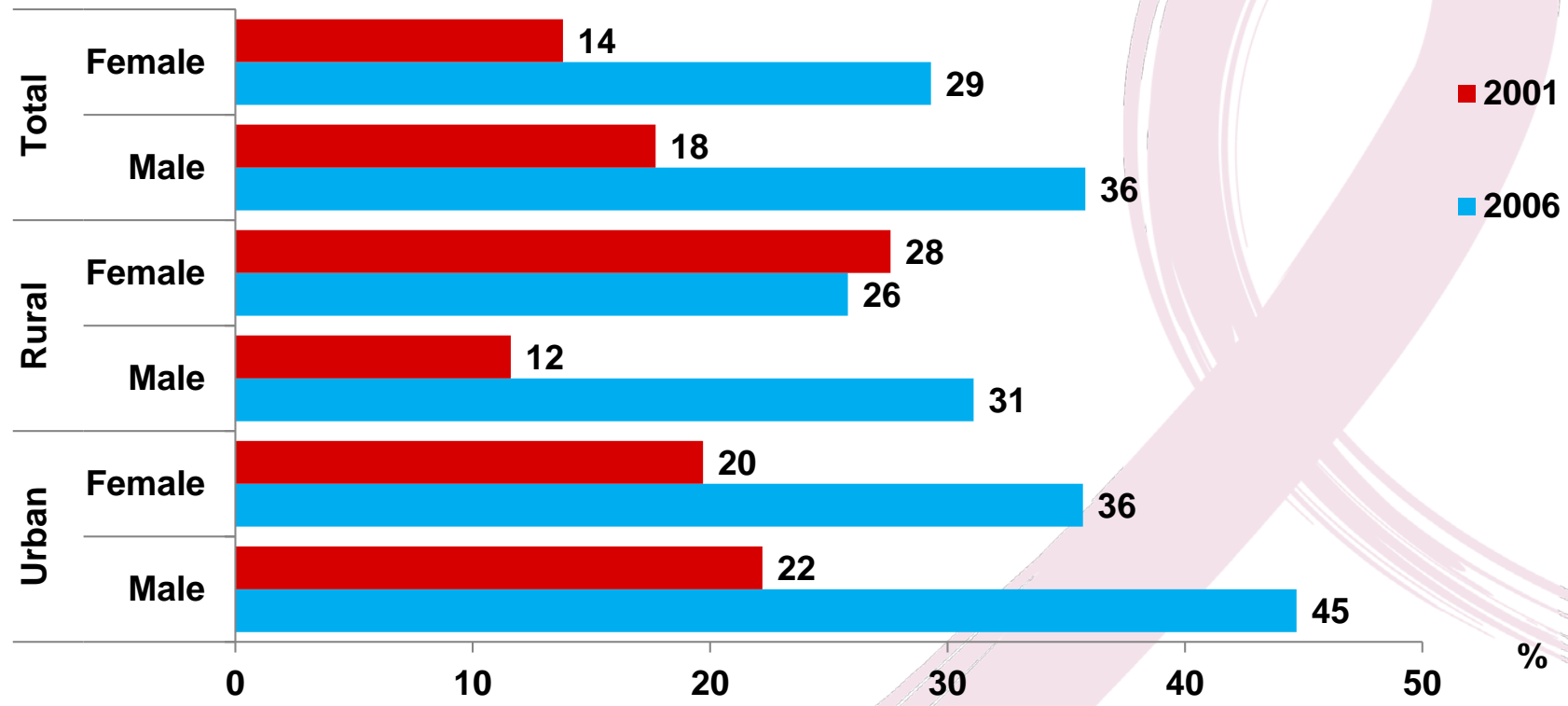
Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of key populations who reported experiencing physical and sexual violence in the last 12 months, 2014-15



Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization (2015). National Integrated Biological and Behavioral Surveillance (IBBS), India 2014-15. New Delhi: NACO, Ministry of Health and Family Welfare, Government of India.

## Proportion of young people (15-24) with comprehensive HIV knowledge, 2001 and 2006

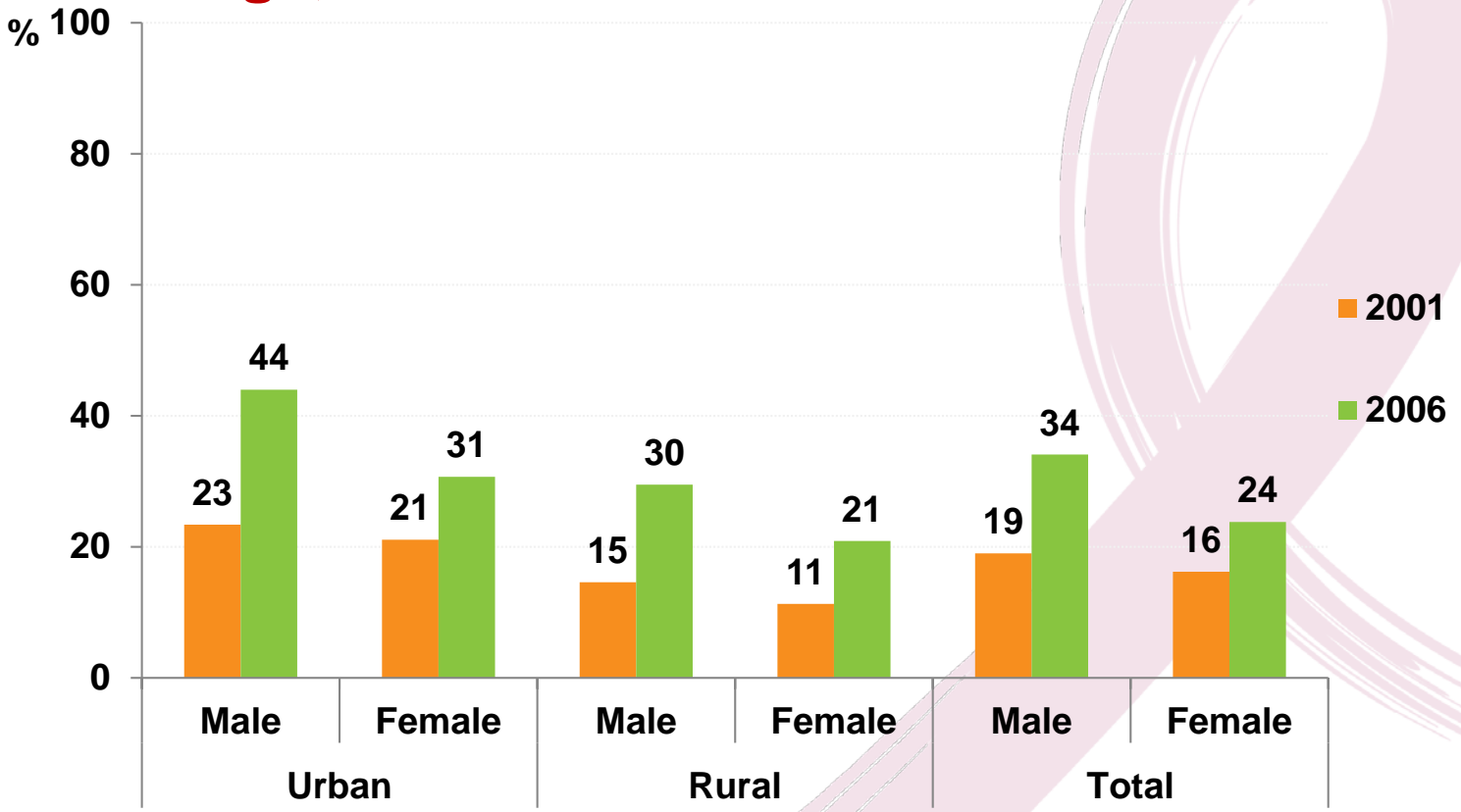


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National Institute of Medical Statistics, & National AIDS Control Organization. (2008). National Behavioral Surveillance Survey (BSS) 2006: Youth (15-24 Years)

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

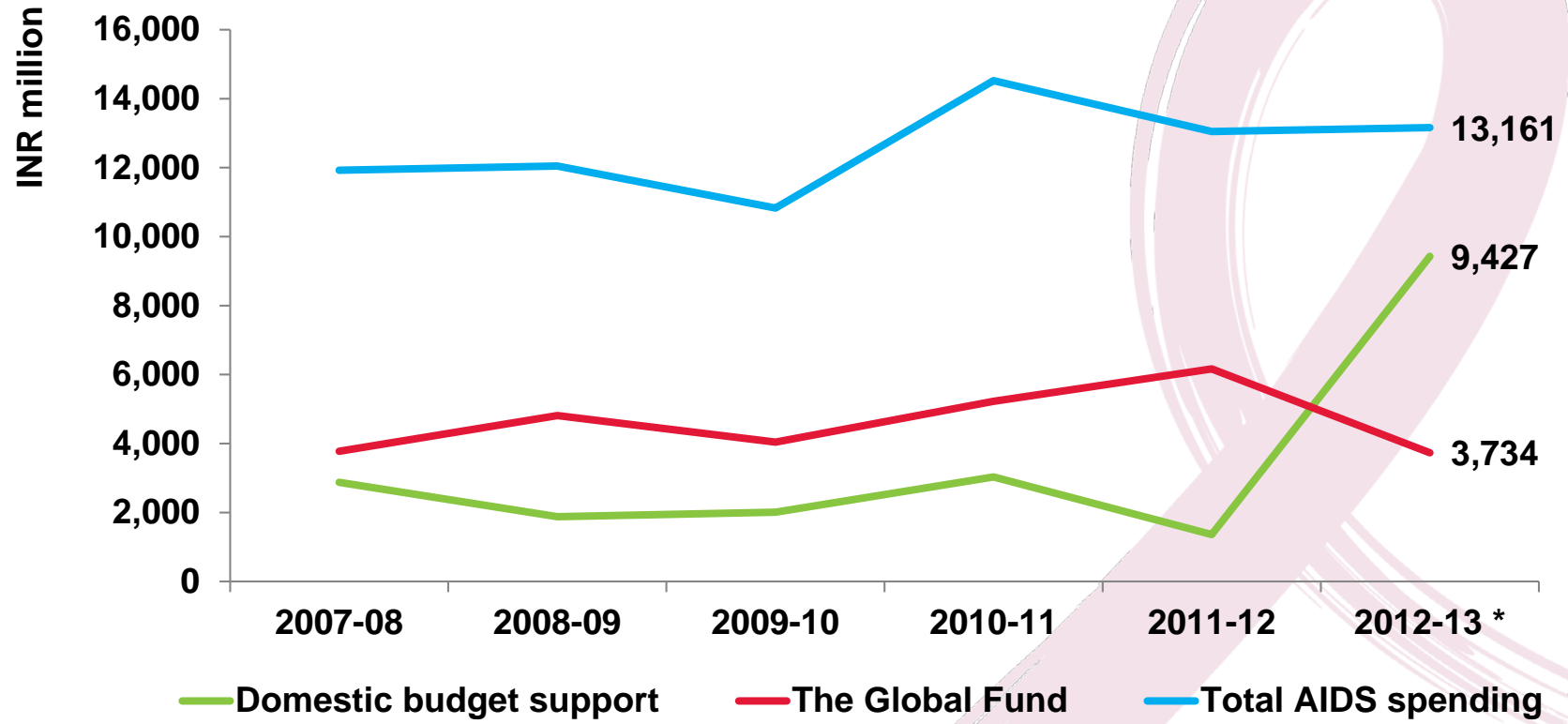
## Proportion of adult (15-49) years with comprehensive HIV knowledge, 2001-2006



A large, stylized red ribbon graphic is positioned in the background, partially overlapping the text. The ribbon is rendered in a dark red color with a slight gradient and a brushstroke-like texture.

# HIV expenditure

**AIDS spending by financing source, 2007- March 2013**



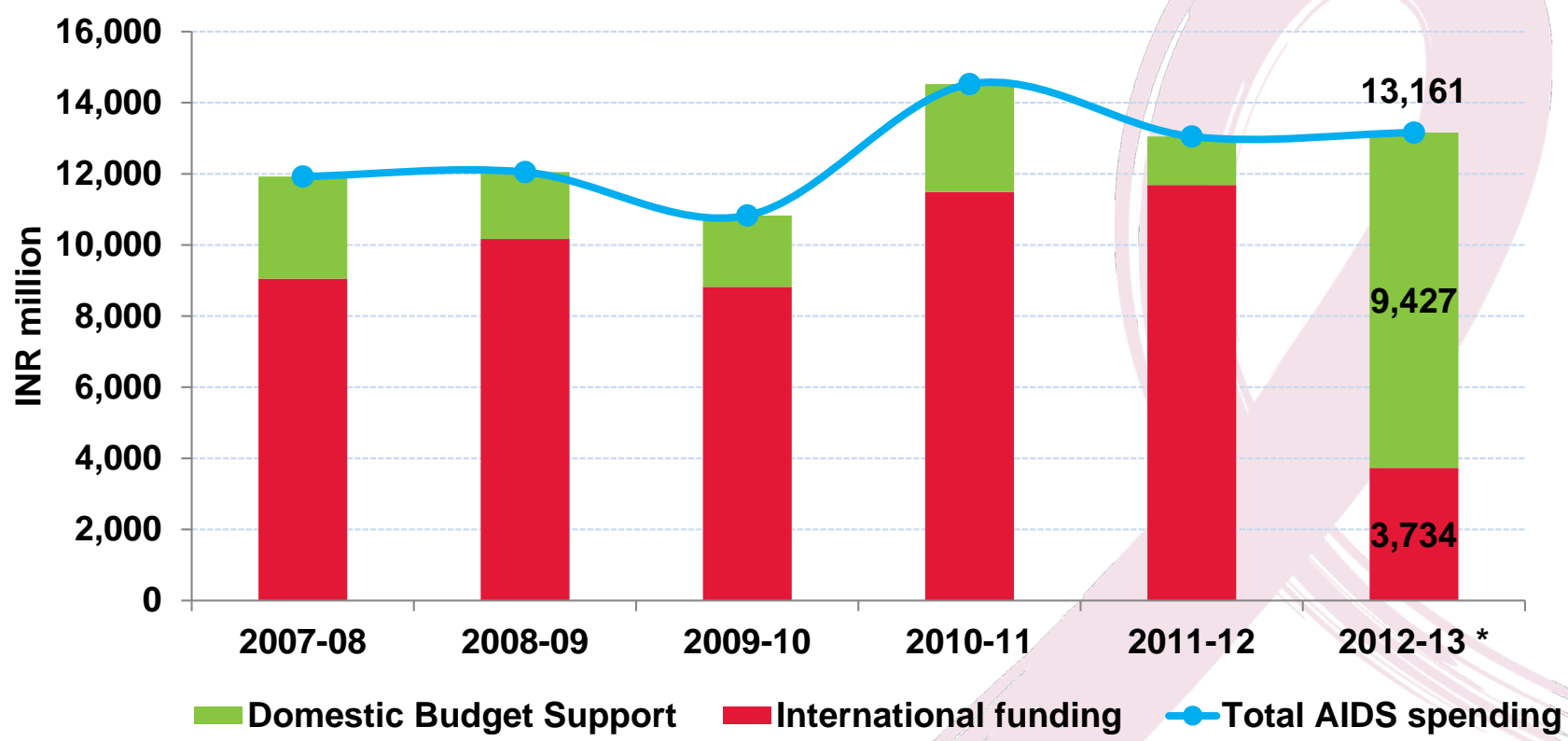
\* NACP IV 2012 till March 2013



# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## AIDS spending by financing source, 2007- March 2013



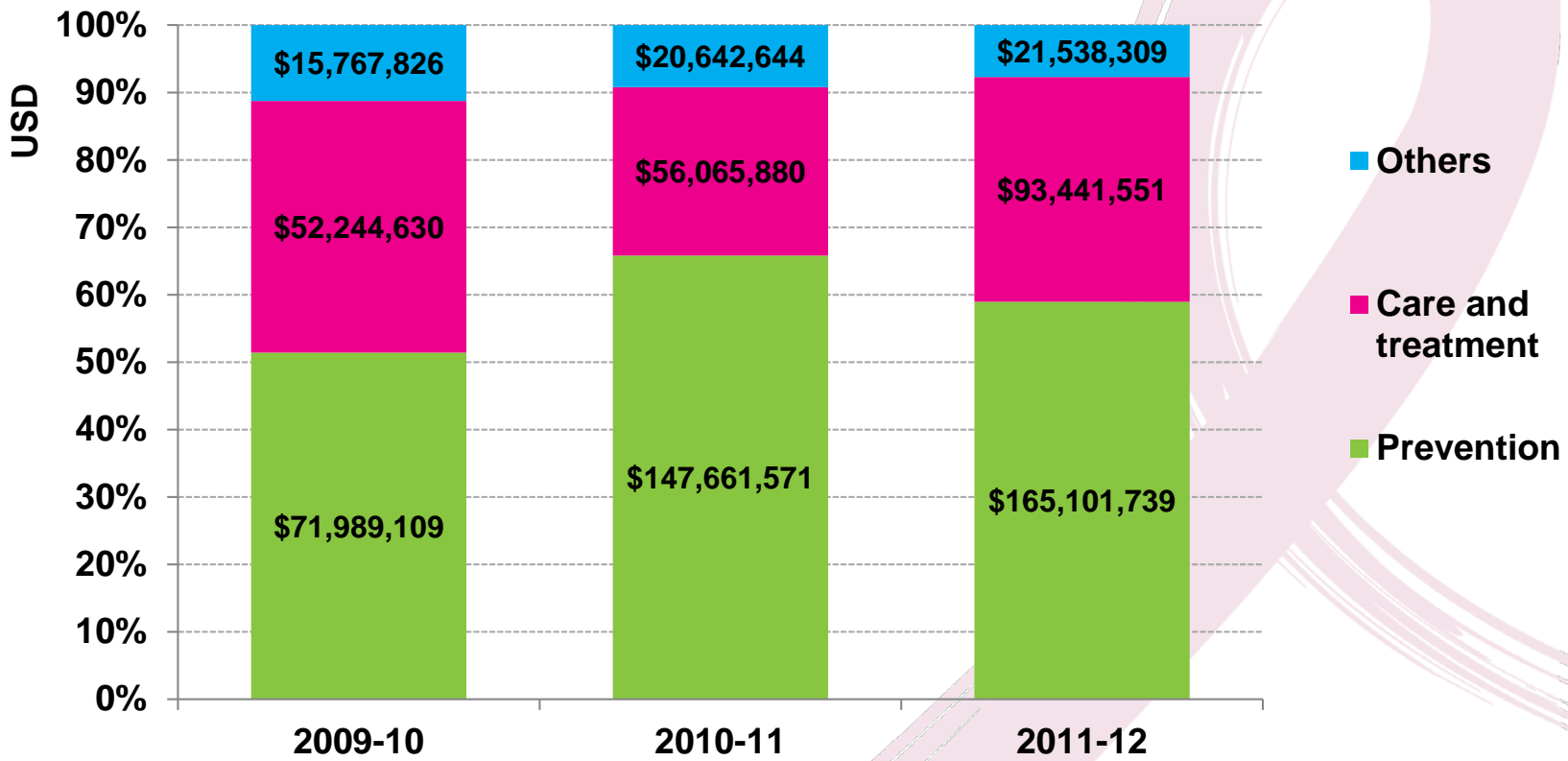
\* NACP IV 2012 till March 2013

Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organization India, Department of AIDS Control, & Ministry of Health & Family Welfare. (2014). Annual Report 2013-14.

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## AIDS spending by category, 2009-2012

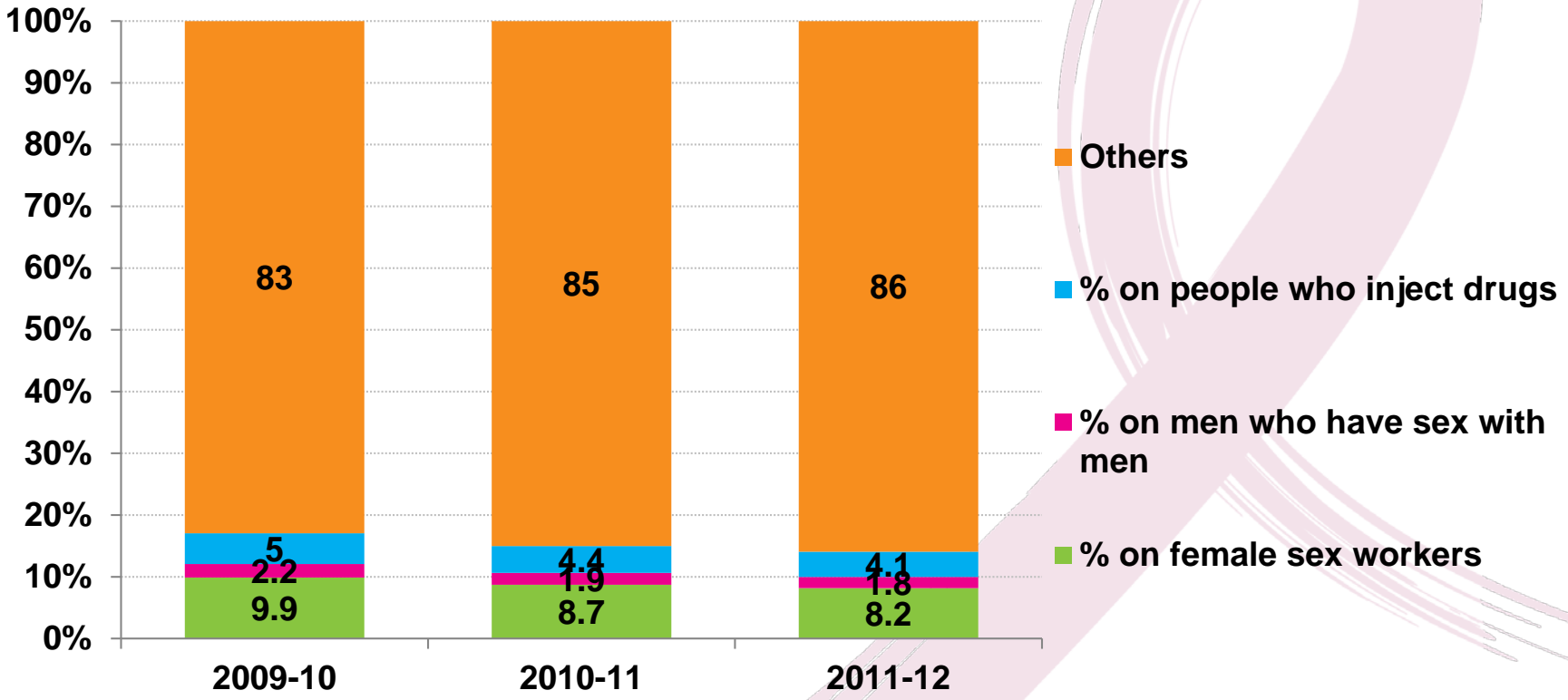


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on data received from UNAIDS India country office as part of preparation for the UNAIDS Regional Management Meeting, Bangkok, October 2012

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Proportion of total prevention programme spending on key populations at higher risk, 2009-2012

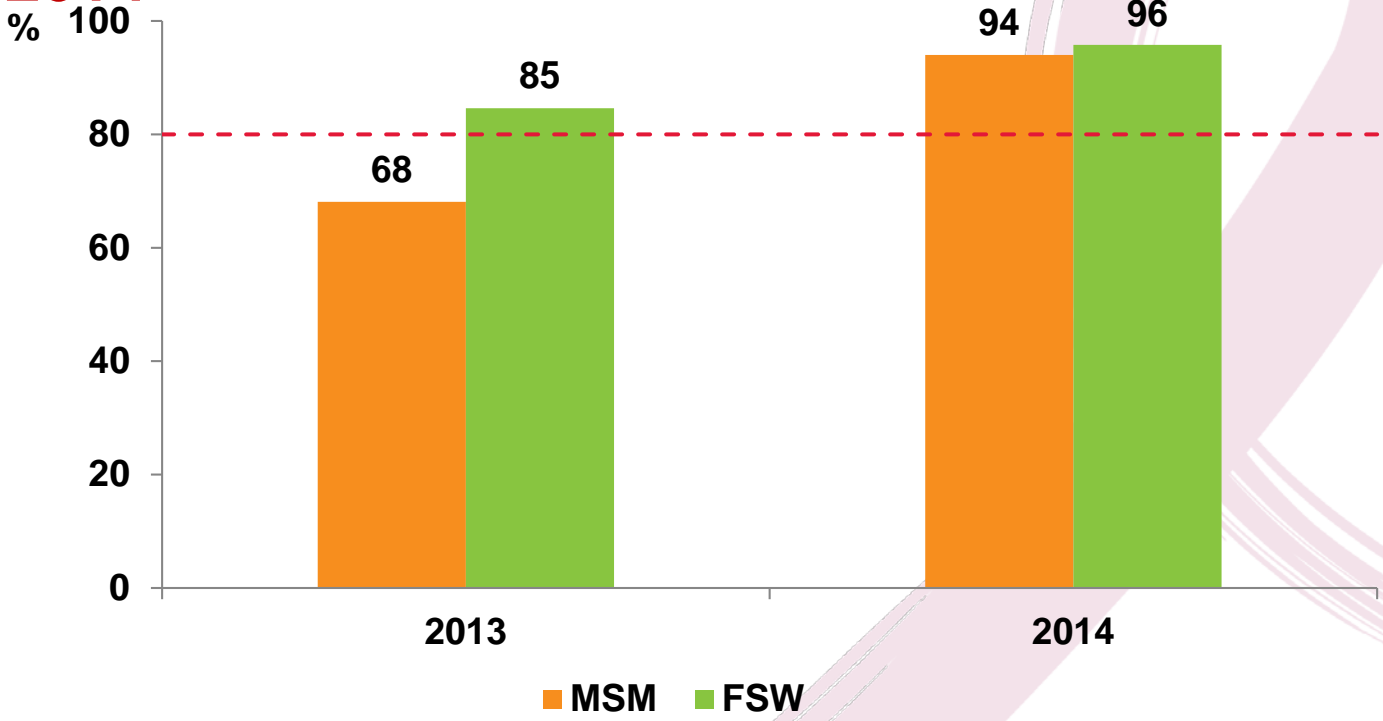


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on data received from UNAIDS India country office as part of preparation for the UNAIDS Regional Management Meeting, Bangkok, October 2012

A large, stylized red ribbon graphic is positioned in the background, centered vertically and slightly to the right. The ribbon is rendered in a dark red color with a subtle gradient and a slight shadow, giving it a three-dimensional appearance. It loops and crosses itself, with the ends trailing off to the right.

# National response

## Proportion of key populations reached with HIV prevention programmes (*Targeted Intervention programme data*), 2013 - 2014

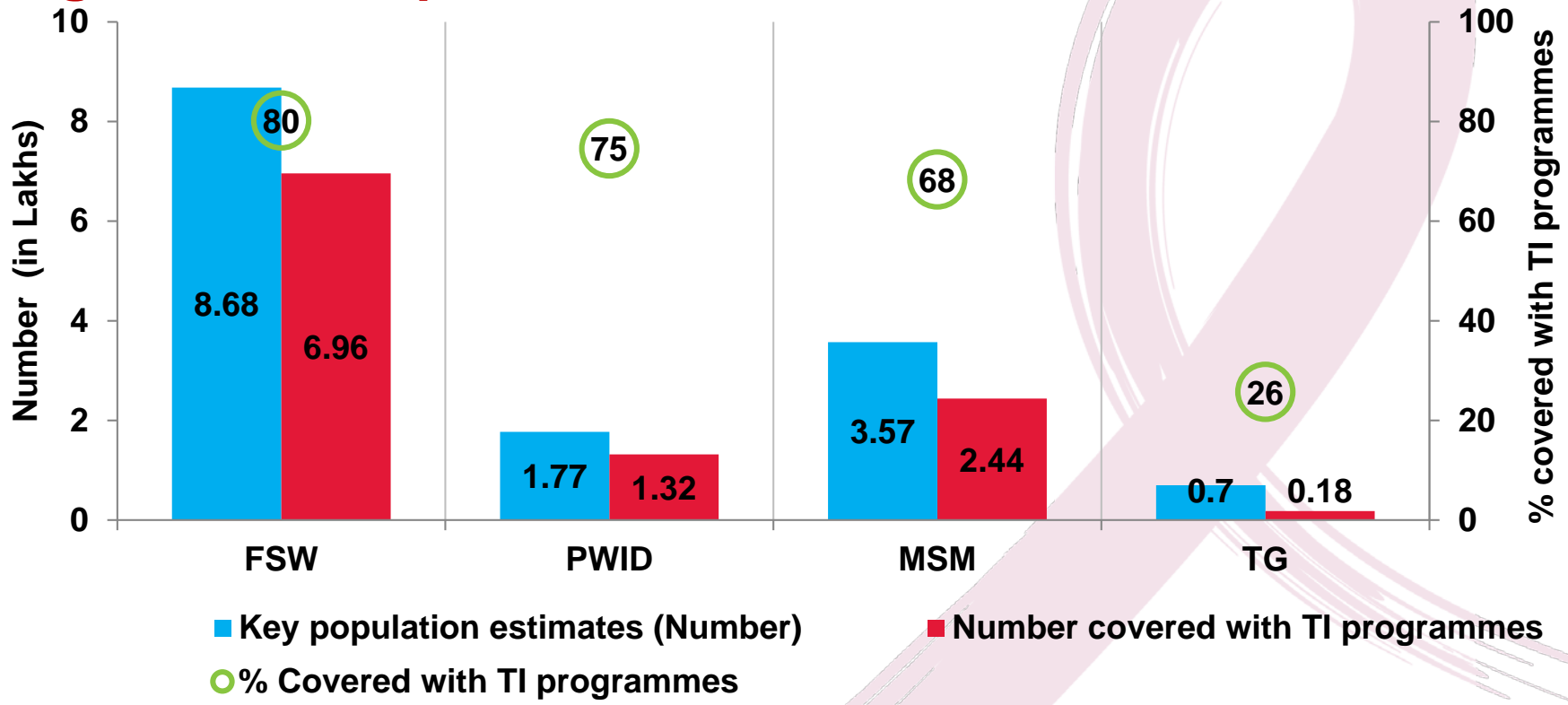


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on Programme data from Computerized Management Information System (CMIS) and HRG Estimation Report; and [www.aidsinfoonline.org](http://www.aidsinfoonline.org)

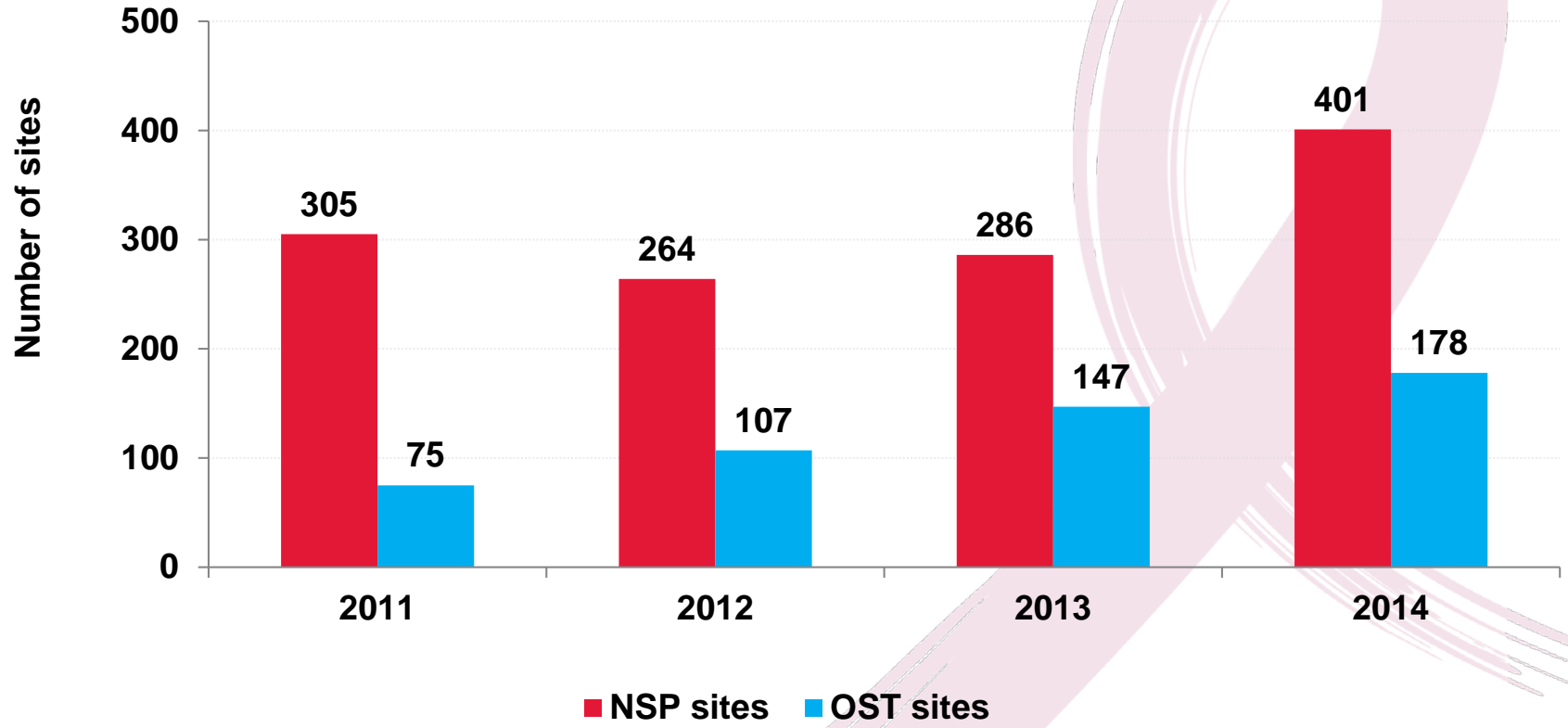
# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

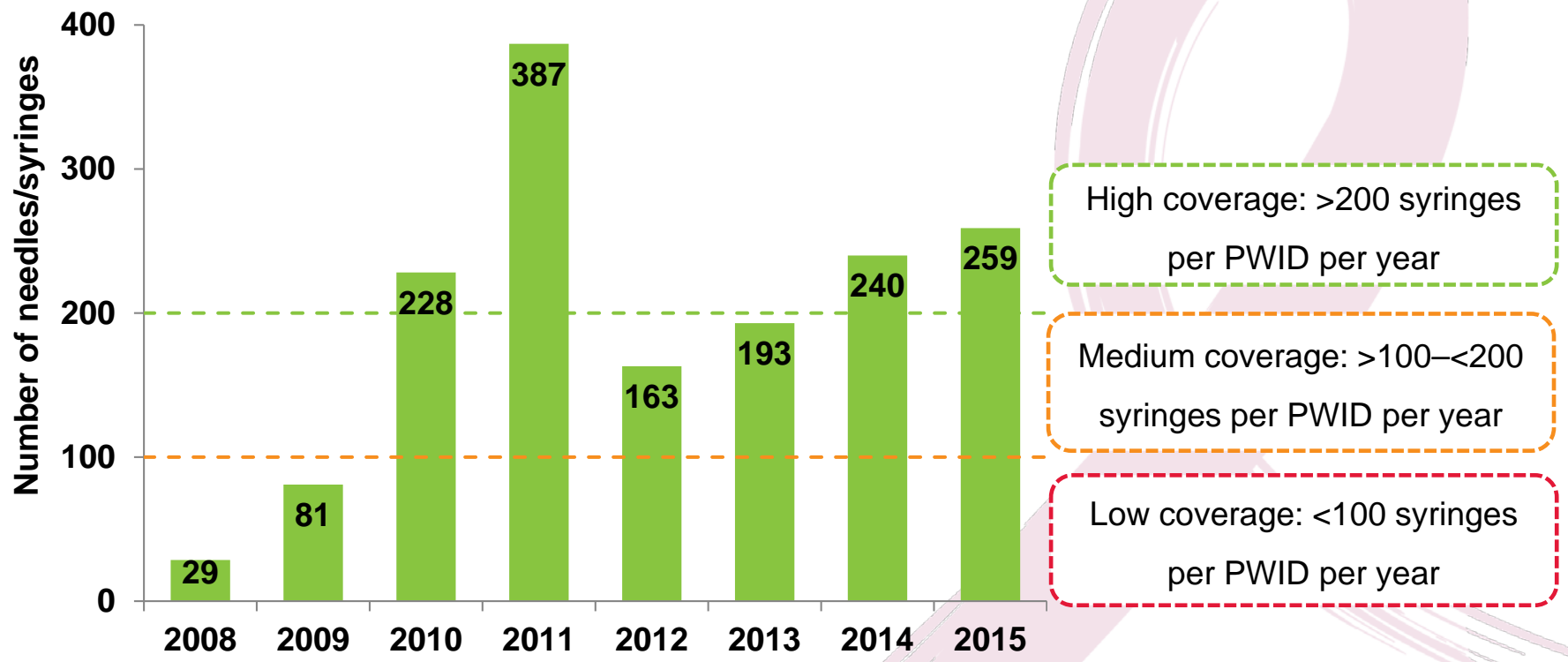
## Coverage of key populations with targeted intervention (TI) programmes, September 2014



## Number of Needle and Syringe Programme (NSP) and Opioid Substitution Therapy sites (OST), 2011 – 2014



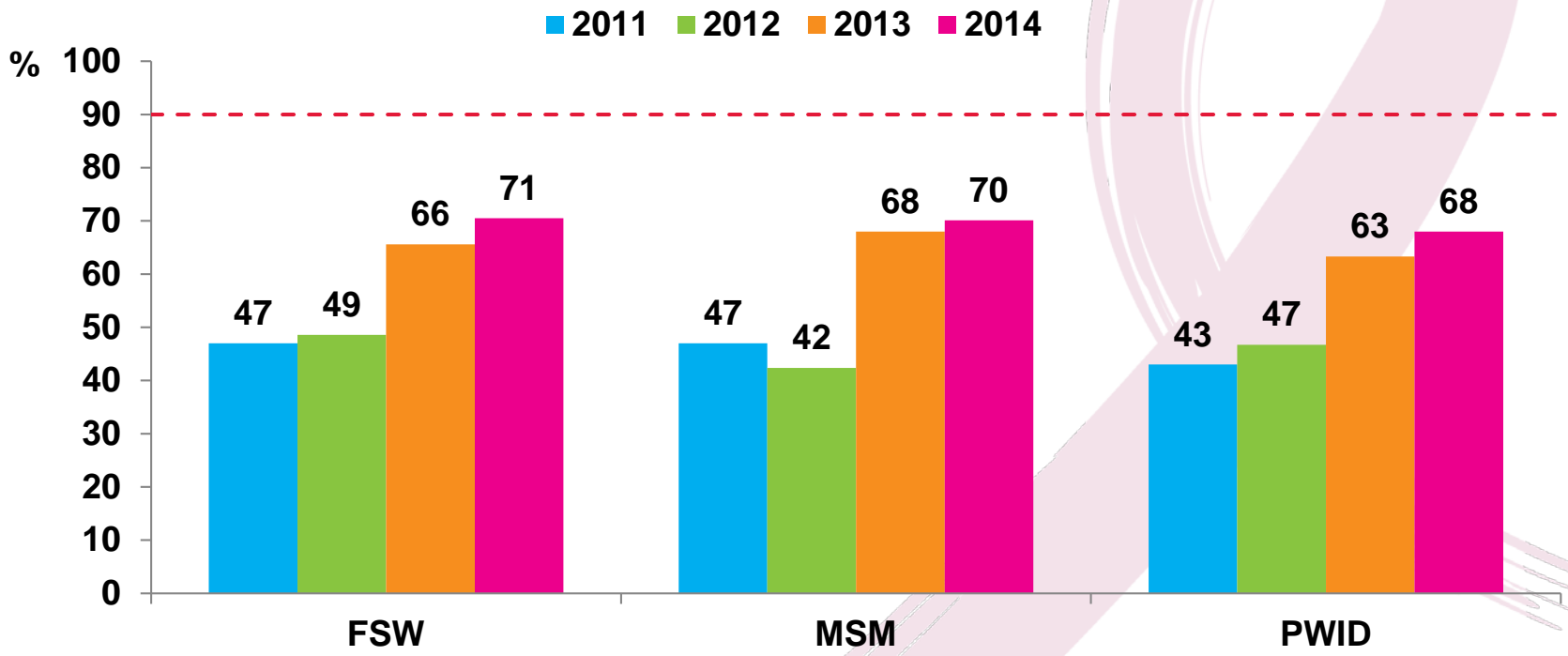
## Number of needle/syringes distributed per person who inject drugs per year, 2008-2015



Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) WHO, UNAIDS, & UNICEF. (2009). Towards Universal Access: Scaling up Priority HIV/AIDS Interventions in the Health Sector- Progress Report 2009; 2) WHO, UNAIDS, & UNICEF. (2010). Towards Universal Access: Scaling up Priority HIV/AIDS Interventions in the Health Sector - Progress Report 2010; 3) WHO, UNAIDS, & UNICEF. (2011). Global HIV/AIDS Response Epidemic Update and Health Sector Progress towards Universal Access Progress Report 2011; 4) National AIDS Control Organization India. (2012). Global AIDS Response Progress Report: India; and 5) [www.aidsinfoonline.org](http://www.aidsinfoonline.org)

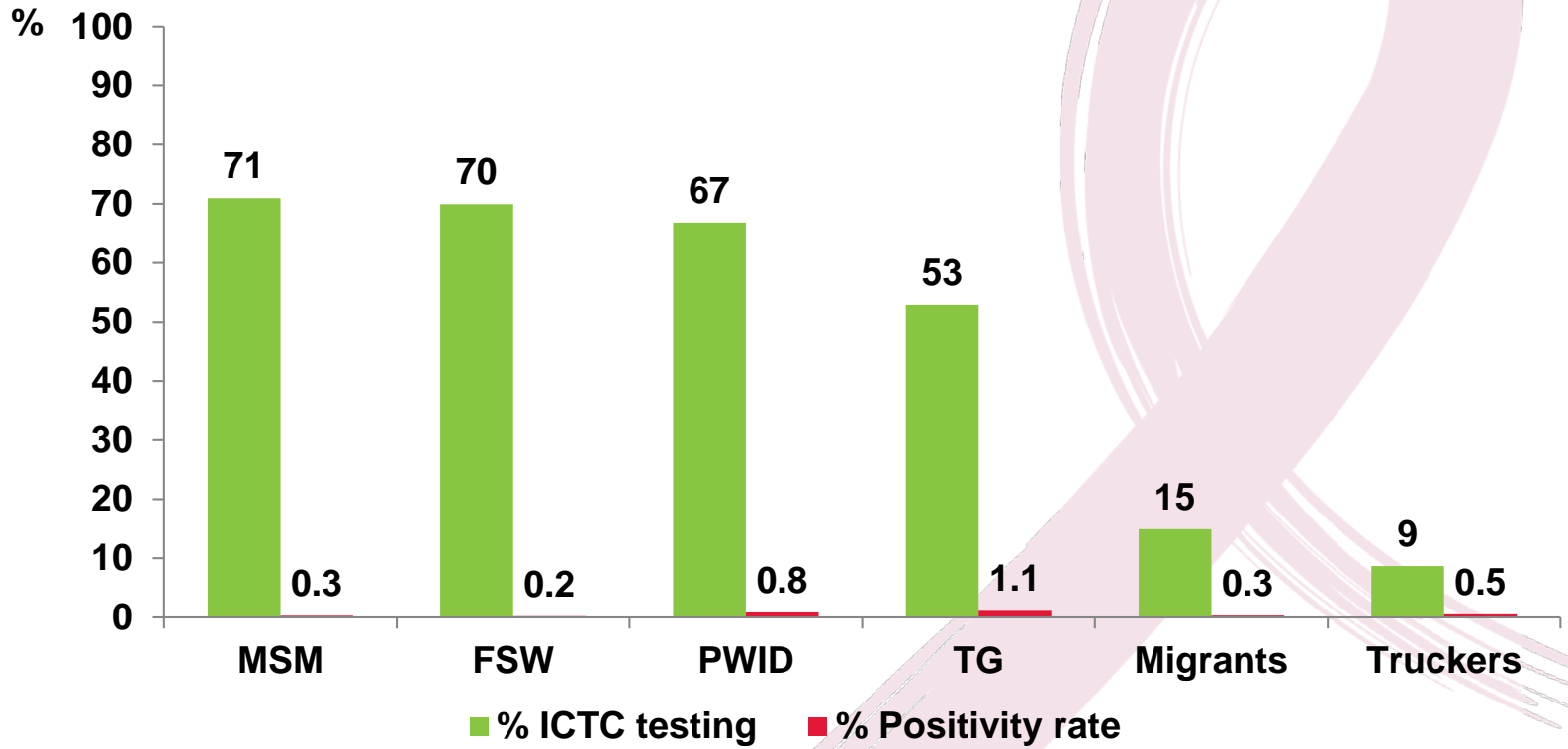


## Proportion of key populations who received an HIV test in the last 12 months and knew their results (*Targeted Intervention programme data*), 2011 - 2014

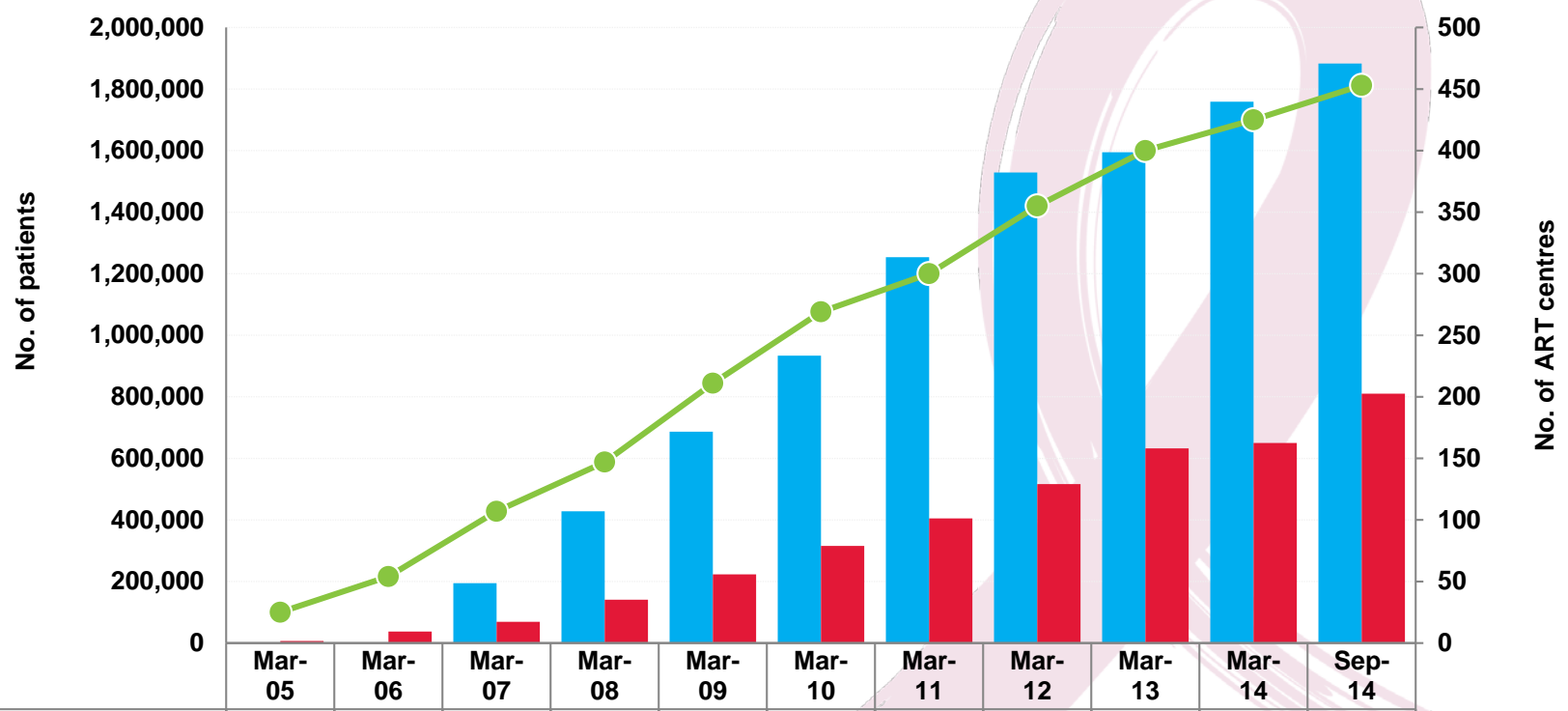


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) Programme data received from UNAIDS India country office as part of preparation for the UNAIDS Regional Management Meeting, Bangkok, October 2012; and 2) National Programme data- Targeted Intervention Programme data reported through CMIS – as cited in GARPR 2014.

## Proportion of key populations and other high risk groups tested for HIV at Integrated Council and Testing Centers (ICTCs), September 2014

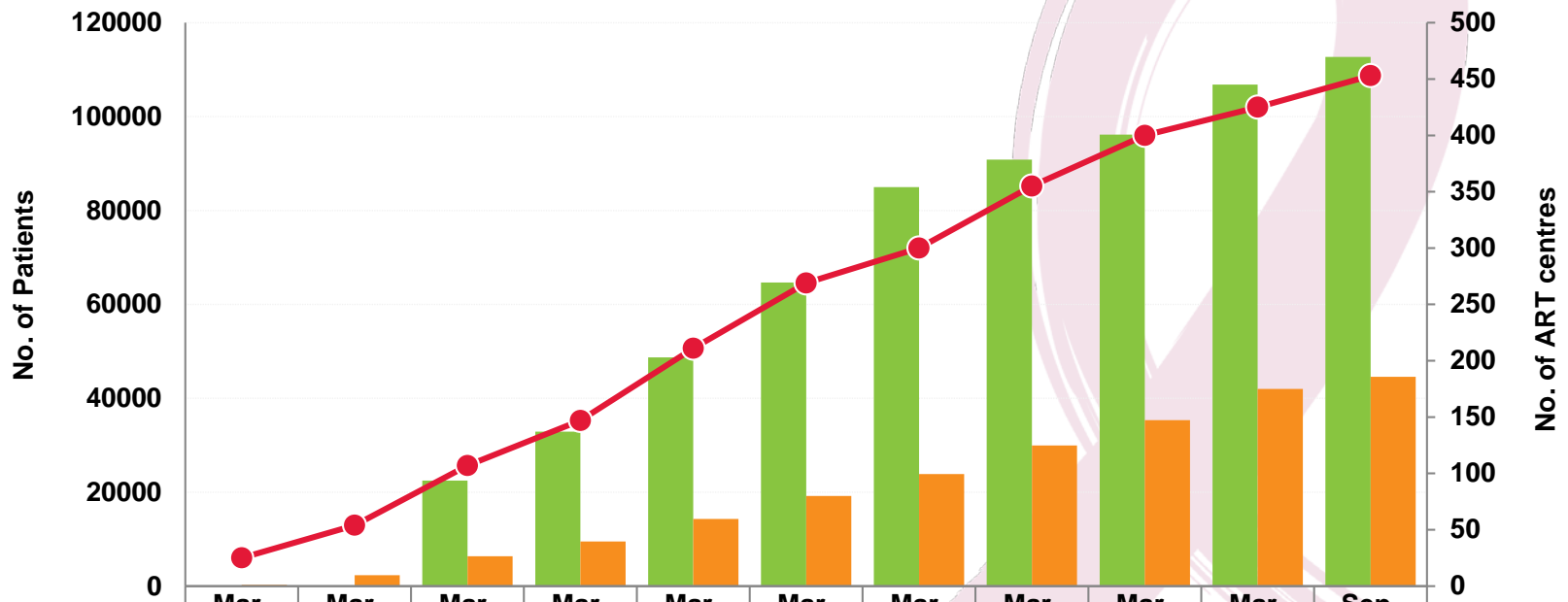


### ART Scale up for PLHIV, 2005 – September 2014



Ever registered			194,607	428,056	686,913	933,540	1,253,4	1,529,0	1,594,5	1758748	1882991
No. of patients on 1st line	6,845	37,368	69,016	140,654	223,223	315,640	404,882	516,412	632,397	650157	810339
No. of ART centres	25	54	107	147	211	269	300	355	400	425	453

**ART Scale up for children living with HIV, 2005-September 2014**



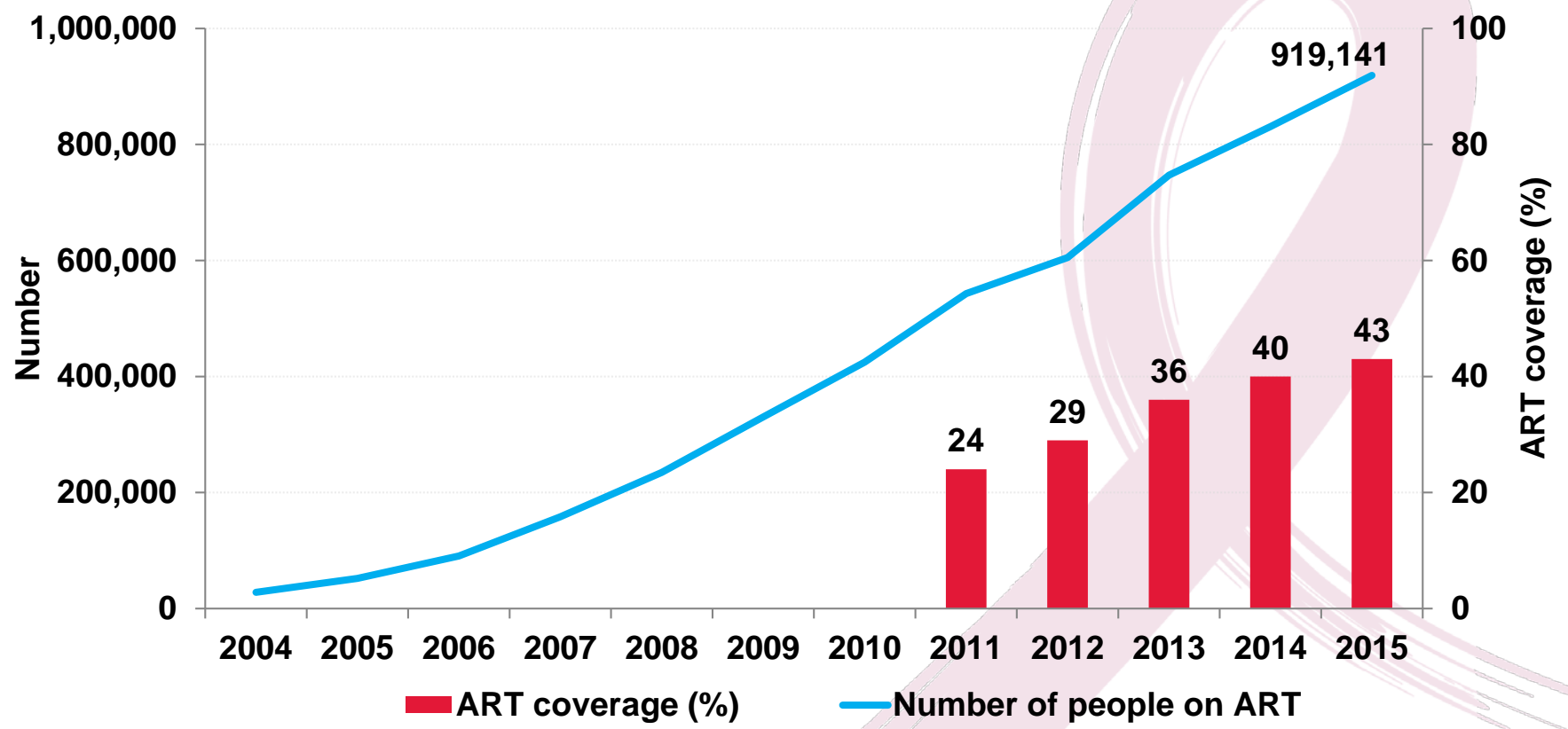
	Mar-05	Mar-06	Mar-07	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14	Sep-14
<b>Ever registered</b>			22,462	32,900	48,721	64,661	84,987	90,826	96,151	106,824	112,719
<b>No. of patients</b>	269	2,335	6,365	9,495	14,303	19,203	23,854	29,938	35,345	42,015	44,592
<b>No. of ART centres</b>	25	54	107	147	211	269	300	355	400	425	453

Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on National AIDS Control Organisation India. (2015). Annual Report 2014-15

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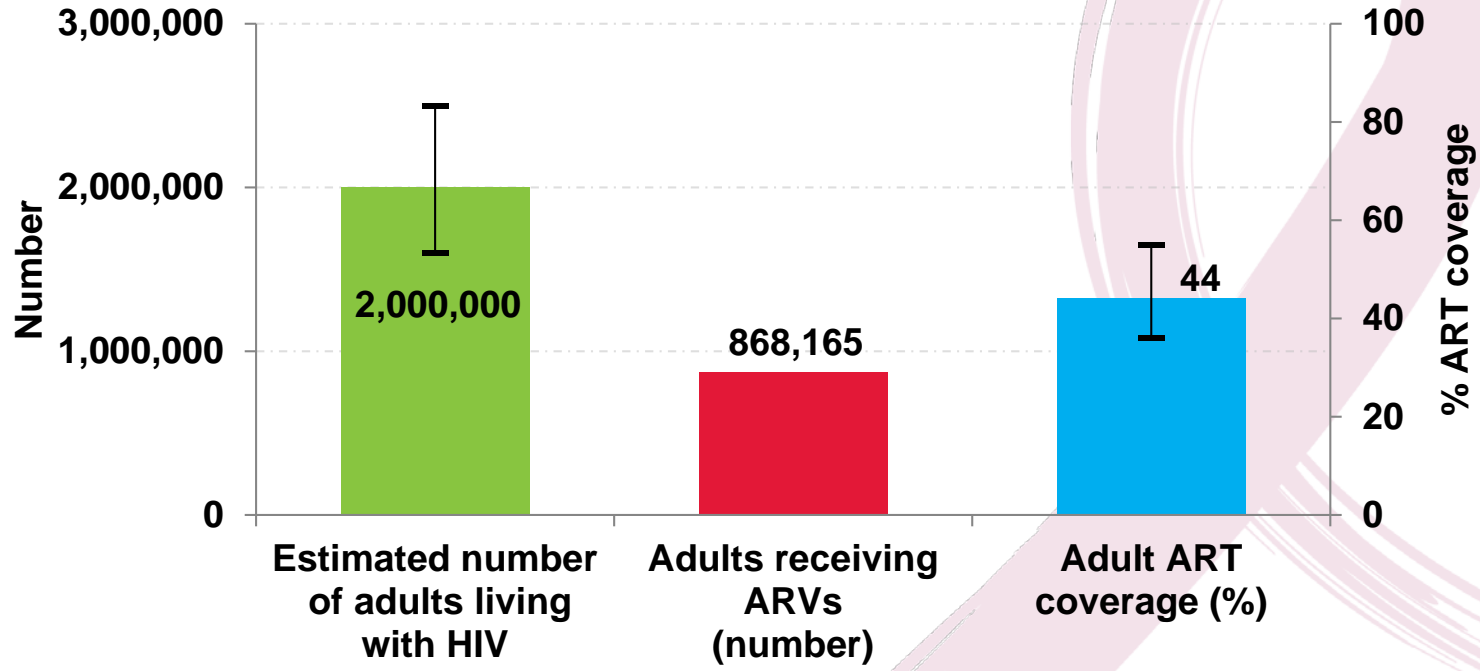
## ART scale up, 2004 - 2015



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## Estimated number of adults living with HIV, adults receiving ARVs, and adult ART coverage, 2015

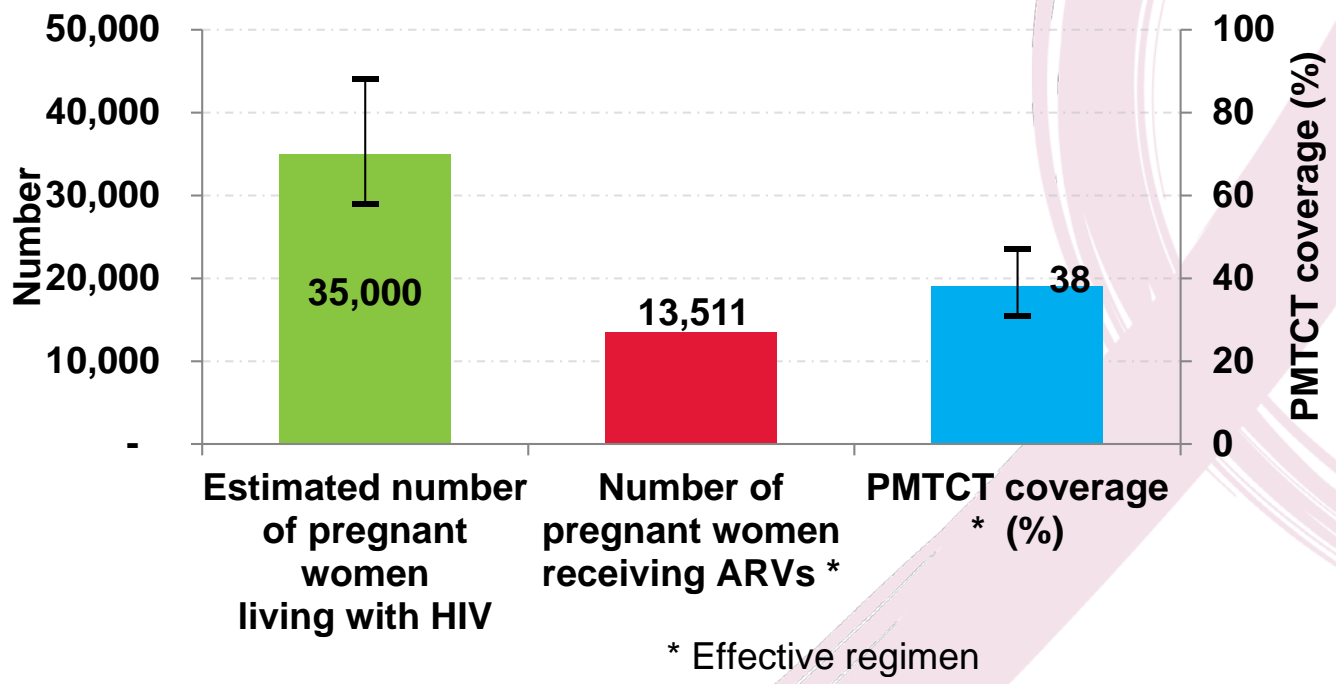


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) UNAIDS. (2016). HIV Estimates 2000-2015

# HIV and AIDS

Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Estimated number of pregnant women living with HIV, pregnant women receiving ARVs, and PMTCT coverage, 2015

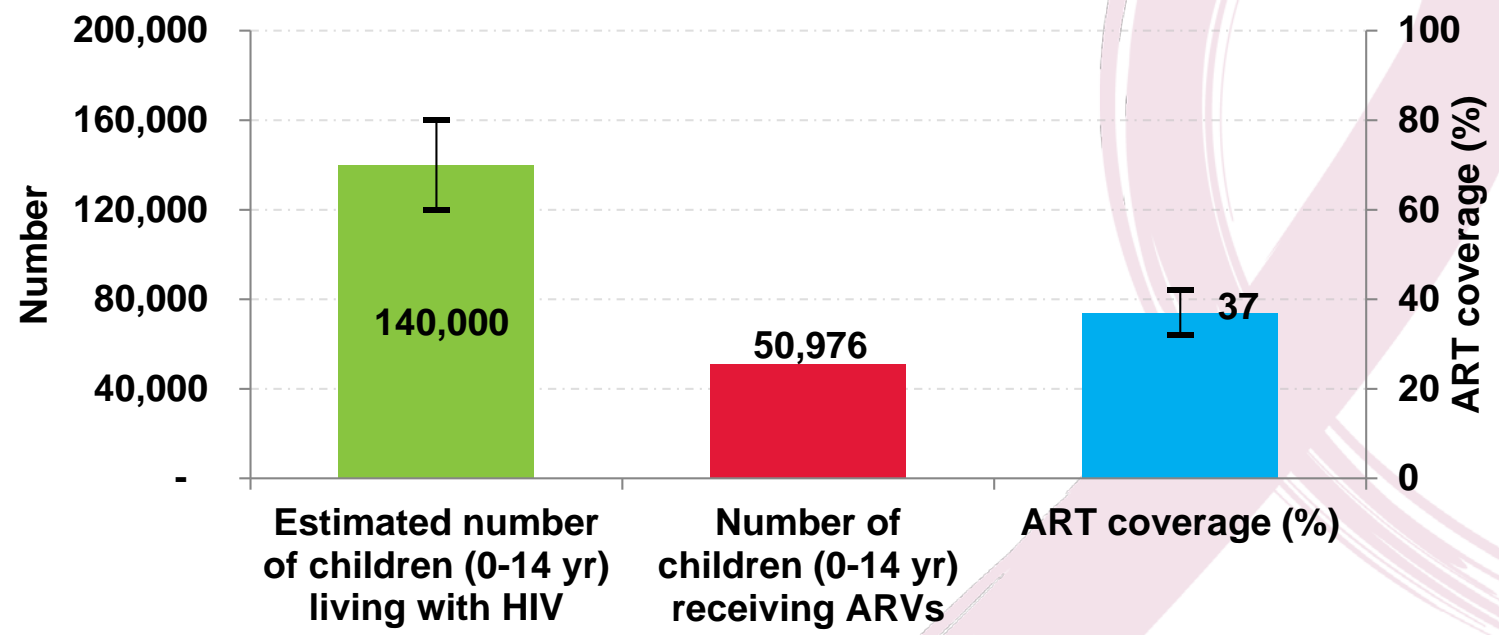


Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) UNAIDS. (2016). HIV Estimates 2000-2015

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Data Hub for Asia-Pacific prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org)

## Estimated number of children living with HIV, children receiving ARVs, and children ART coverage, 2015



Source: Prepared by [www.aidsdatahub.org](http://www.aidsdatahub.org) based on 1) UNAIDS. (2016). HIV Estimates 2000-2015





## Stigma & discrimination

### Analysis of GARP / NCPI 2012

#### Legal obstacles to HIV response

- Criminalization of people who use drugs
- Anti-trafficking law (enforcement against sex workers, including compulsory detention of sex workers for rescue/rehabilitation)
- Public order offences, against sex workers, men who have sex with men and transgender people

#### Selected indicators of response

##### Access to justice:

- Legal services (legal aid or other)
- NHRI or other mechanisms

##### Civil society perspectives/ratings:

	2009	2011	Trend
Laws and policies in place to protect and promote HIV-related human rights	6/10	6/10	●
Efforts to implement human rights-related laws and policies	4/10	2/10	▼

#### Travel restrictions



#### STIGMA INDEX

(2009-10 Data, pilot)  
 Percent of people living with HIV respondents denied health services because of HIV status in past 12 months: **Not reported**

**THANK YOU**

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Please inform us if you know of sources where more recent data can be used.  
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