

# **MSM Stakeholders Meeting**

**28 June 2014**

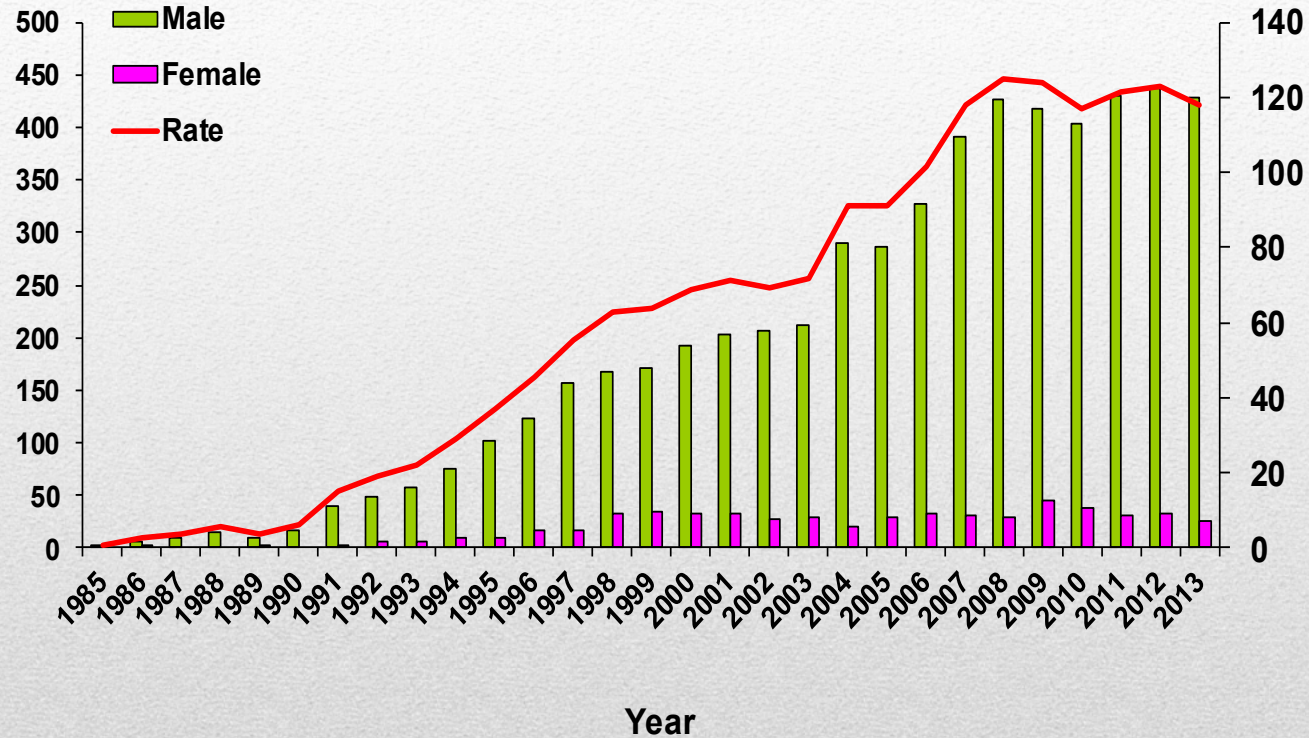
MSM and HIV

Update of Epidemiology

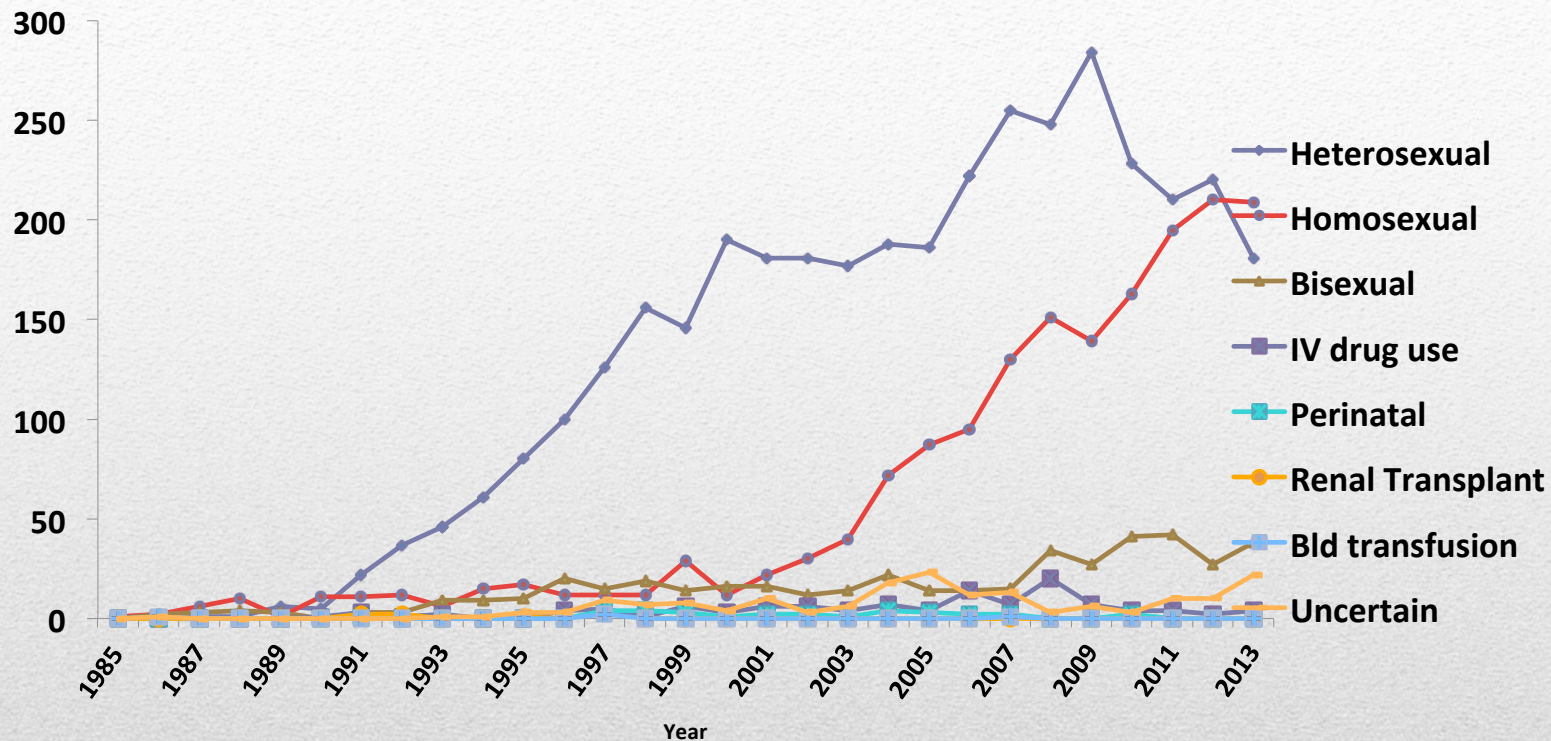
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Number

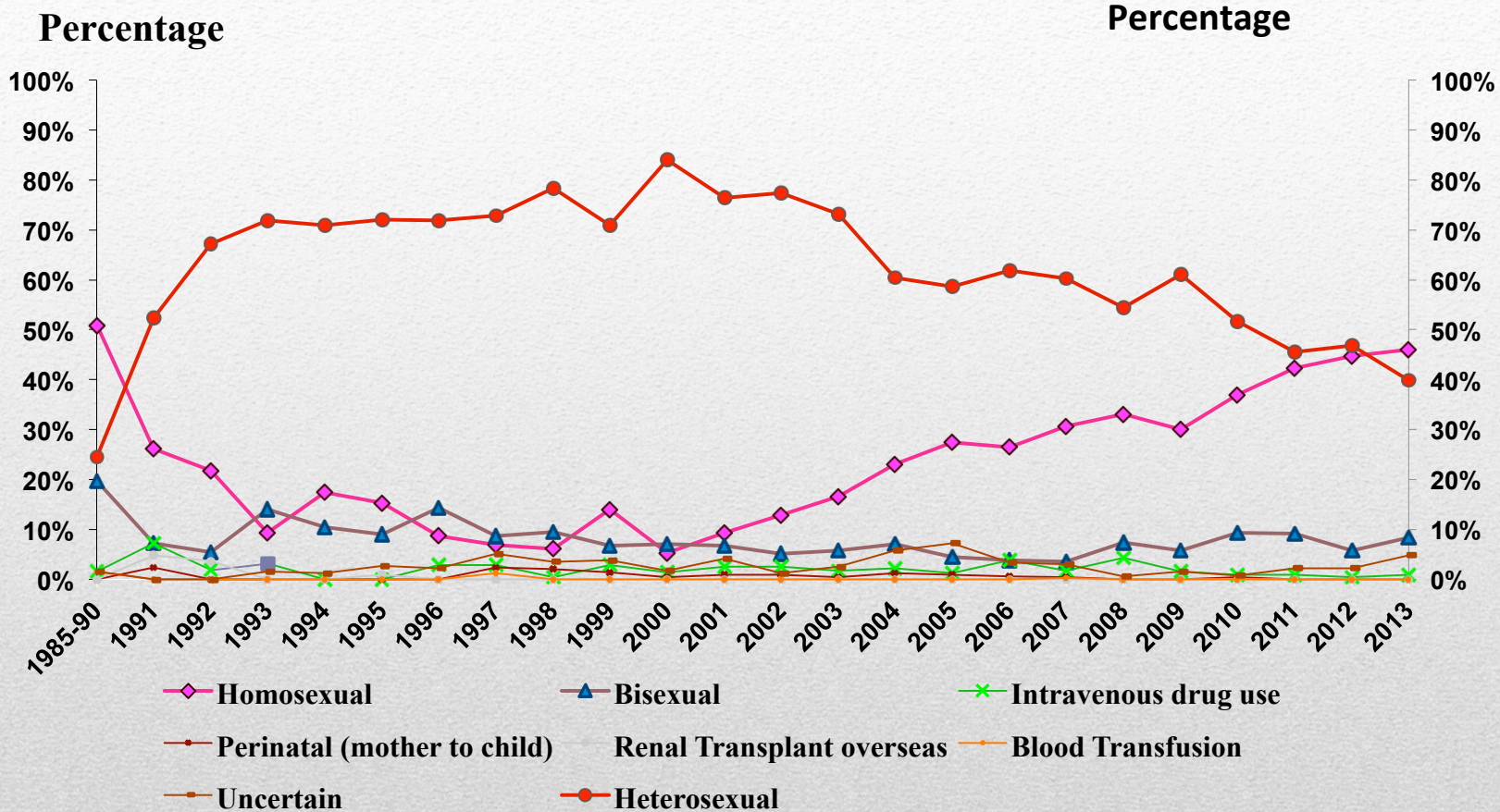
Rate per million population



# New HIV Infection & AIDS among Singapore Residents (1985 – 2013)



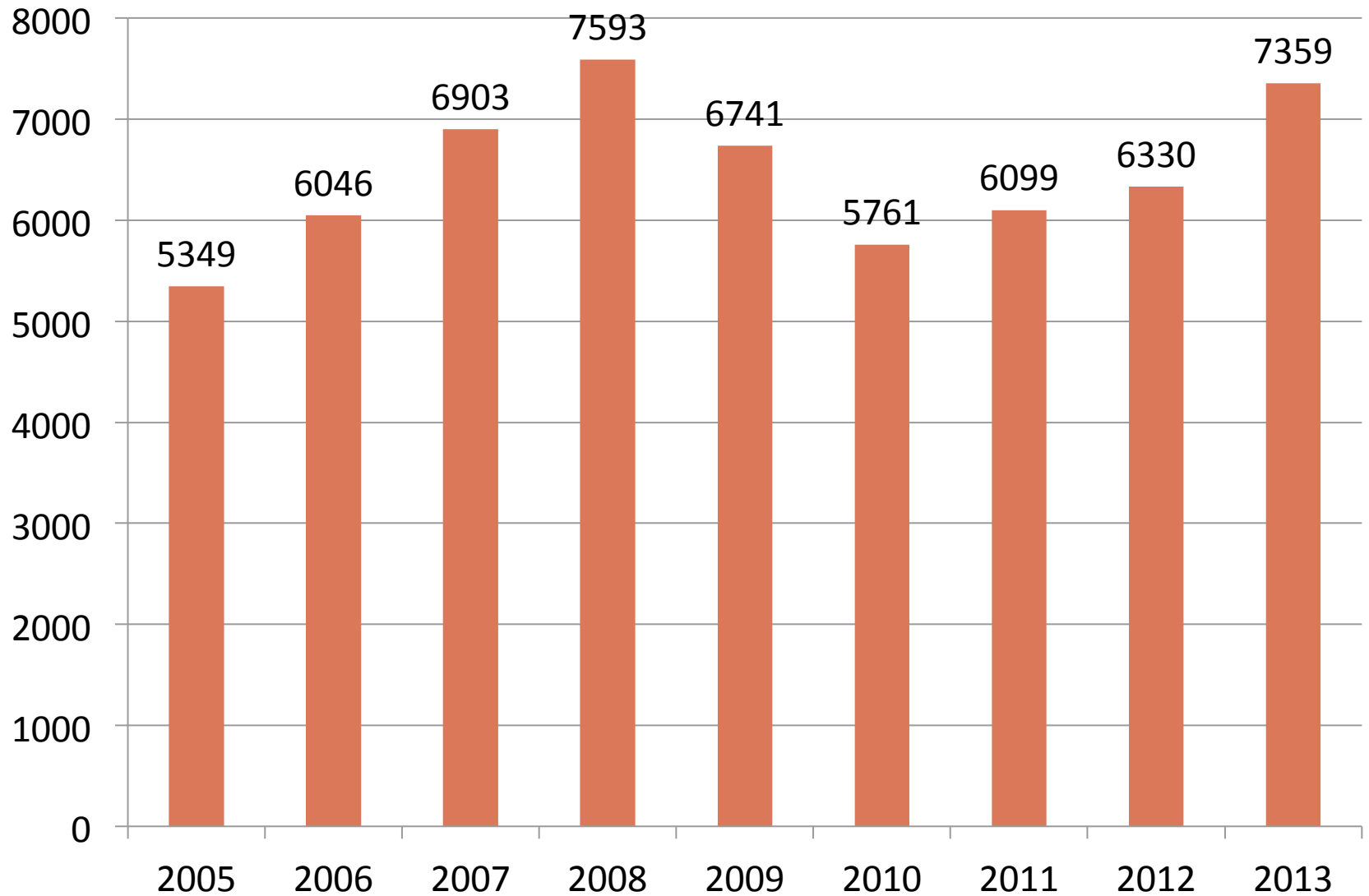
# No. of notified cases by Mode of Transmission (1985-2013)



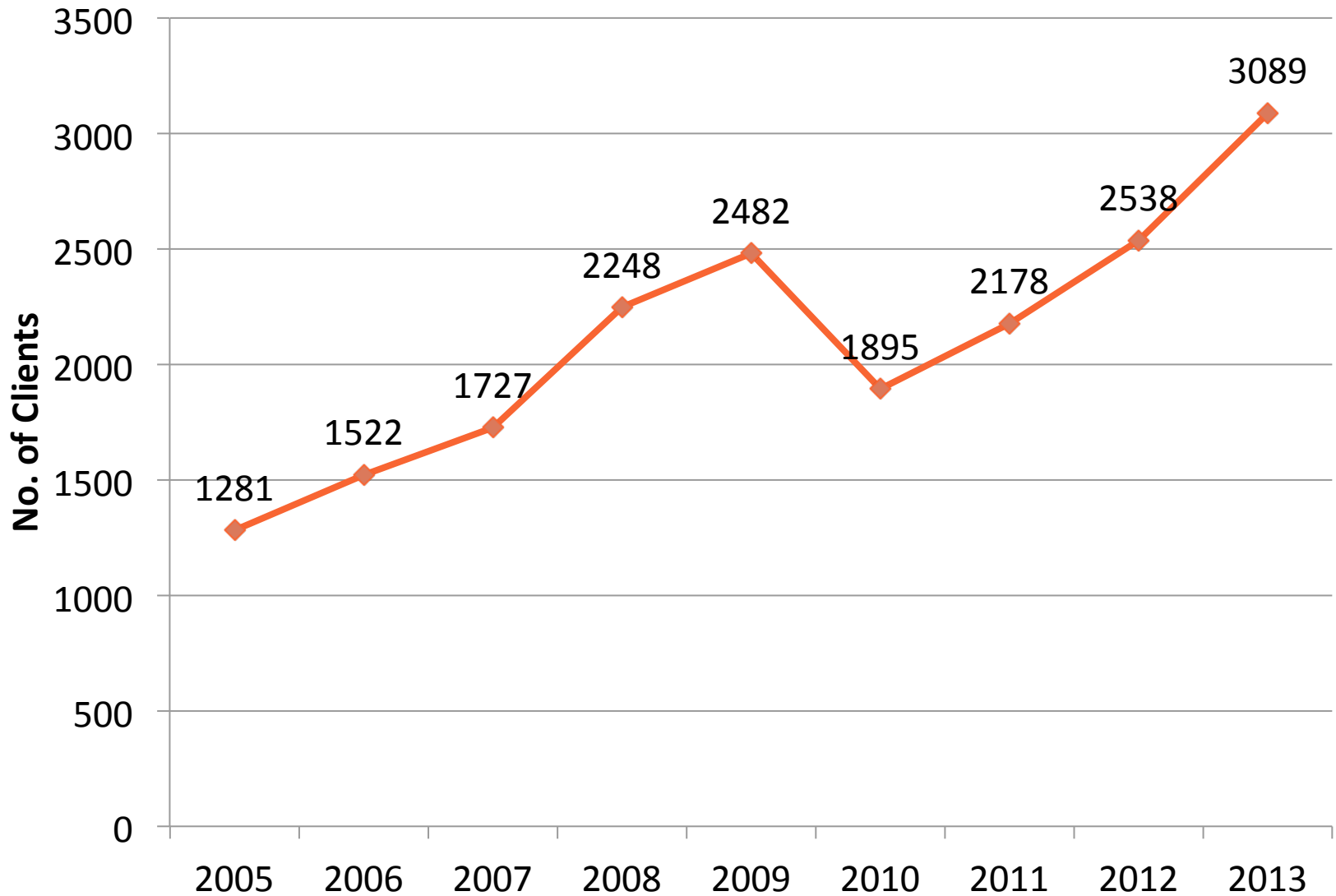
## % Distribution of HIV Infected Singapore Residents by Mode of Transmission (1985 – 2013)

# ANONYMOUS TEST SITE STATISTICS 2013

## TOTAL NUMBER OF CLIENTS – 2005 TO 2013

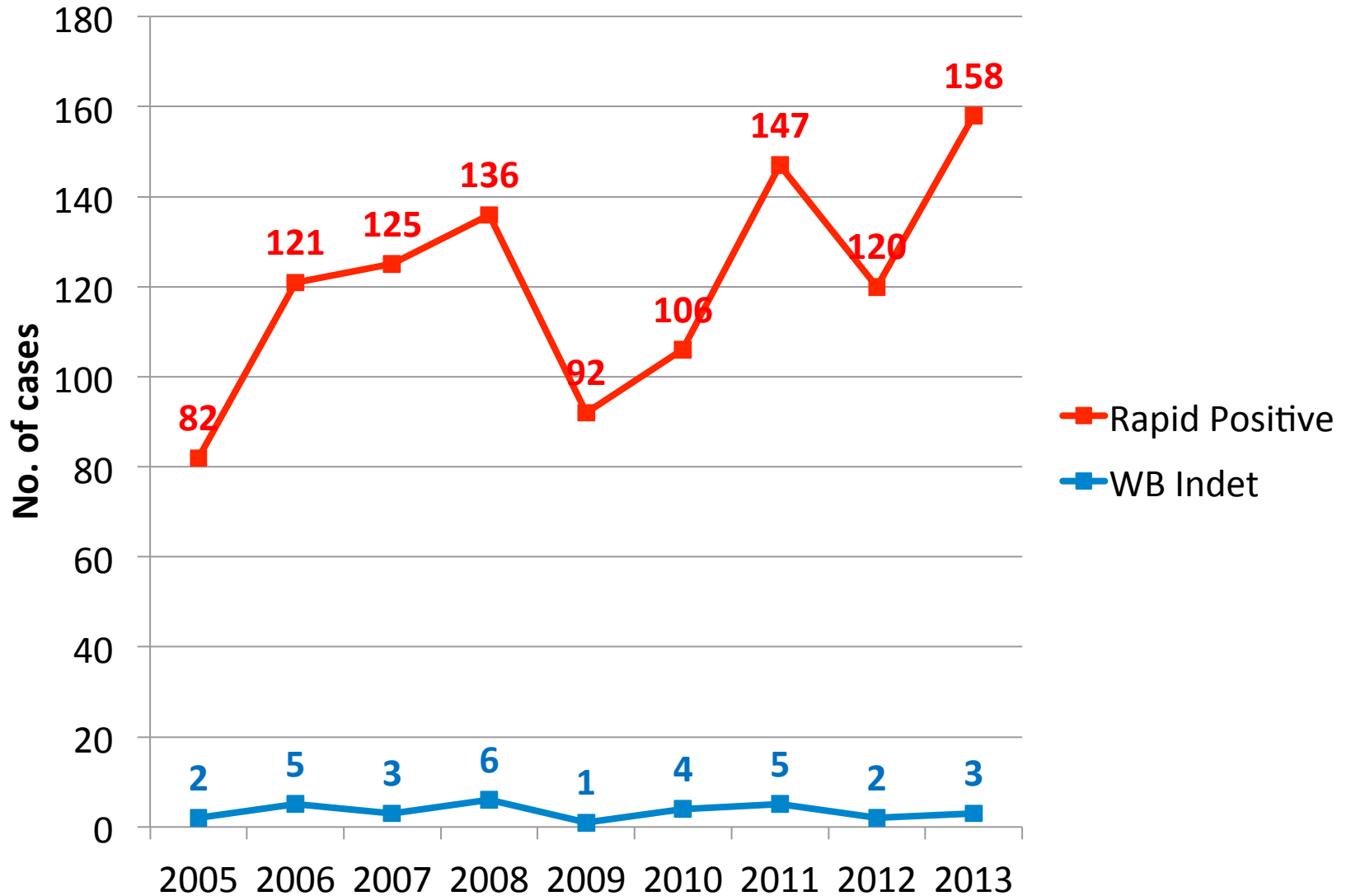


## MSM CLIENTS – 2005 TO 2013



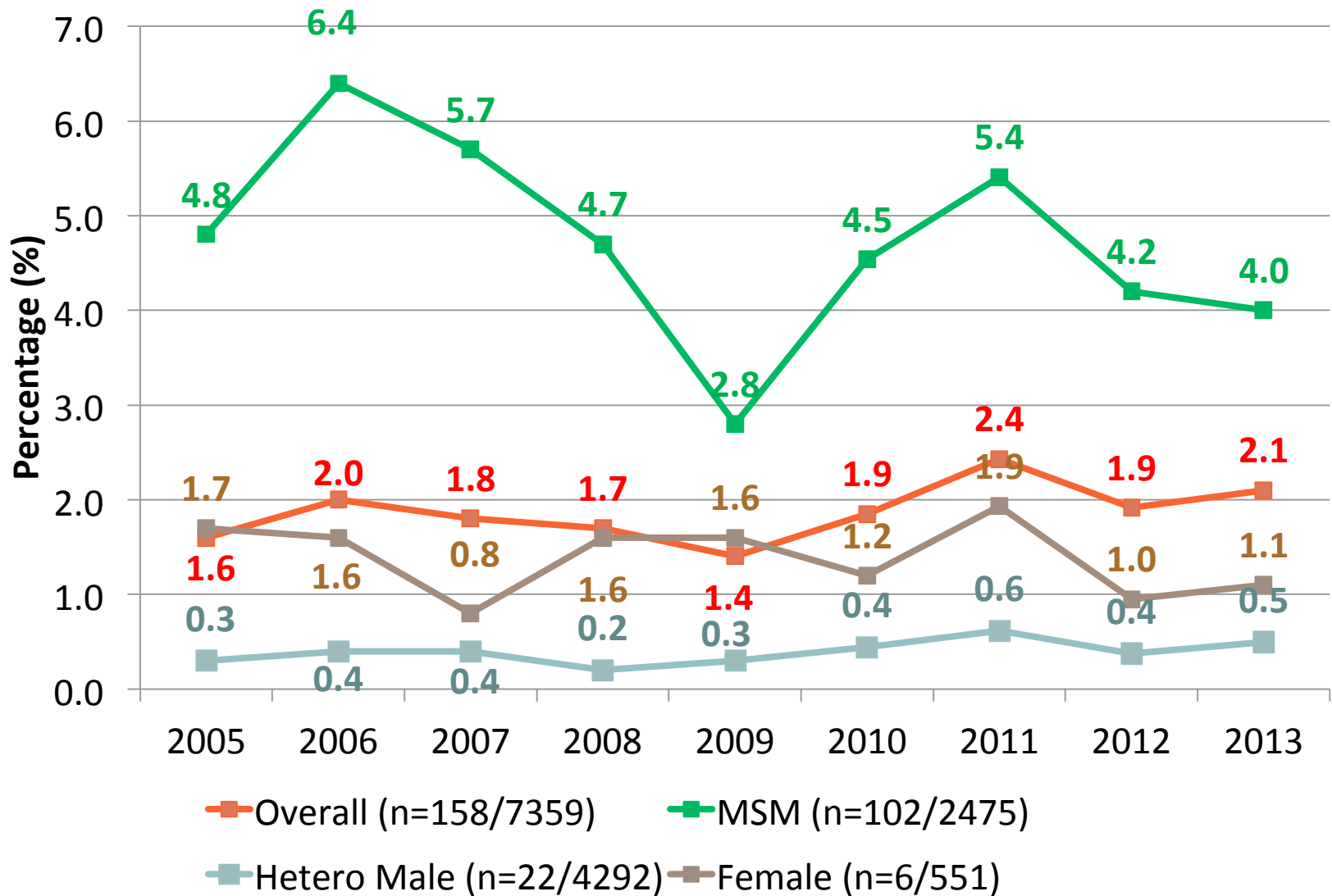
\*MSM clients account for 37% of all tested cases in 2009

## HIV RAPID + FROM 2005 TO 2013



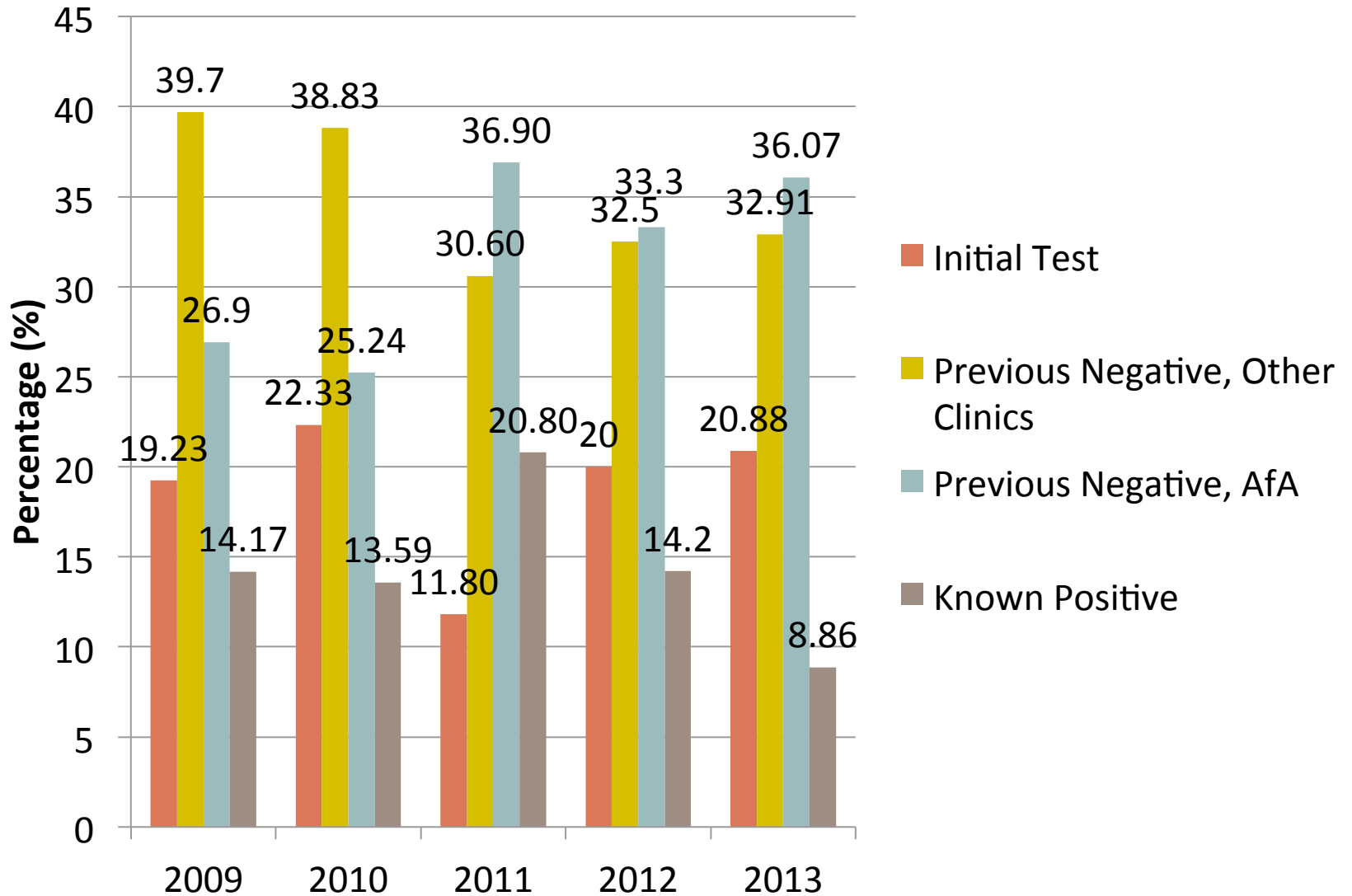


# HIV RAPID +\* BY SEXUAL ORIENTATION – 2005 TO 2013

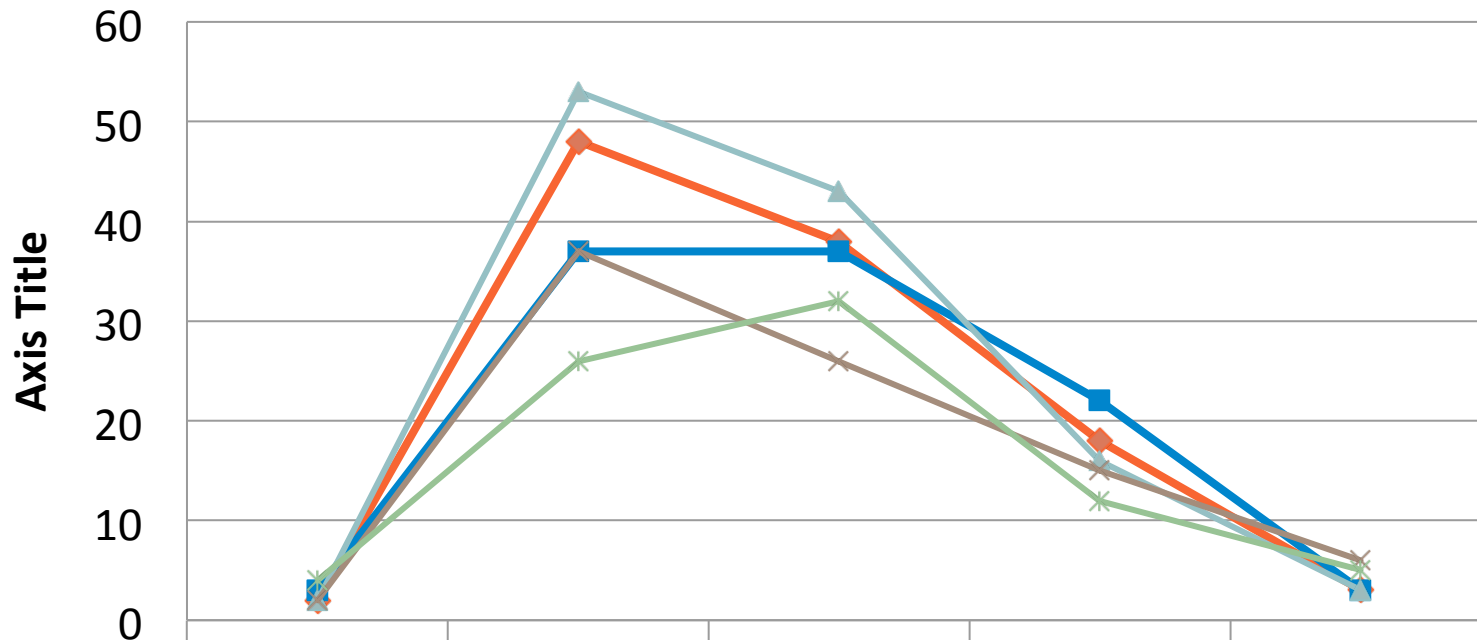


\*Includes known positive cases

## RAPID + CLIENTS BY TESTING HISTORY – 2009 – 2013



# RAPID + AMONG MSM CLIENTS BY AGE GROUP - 2009 - 2013



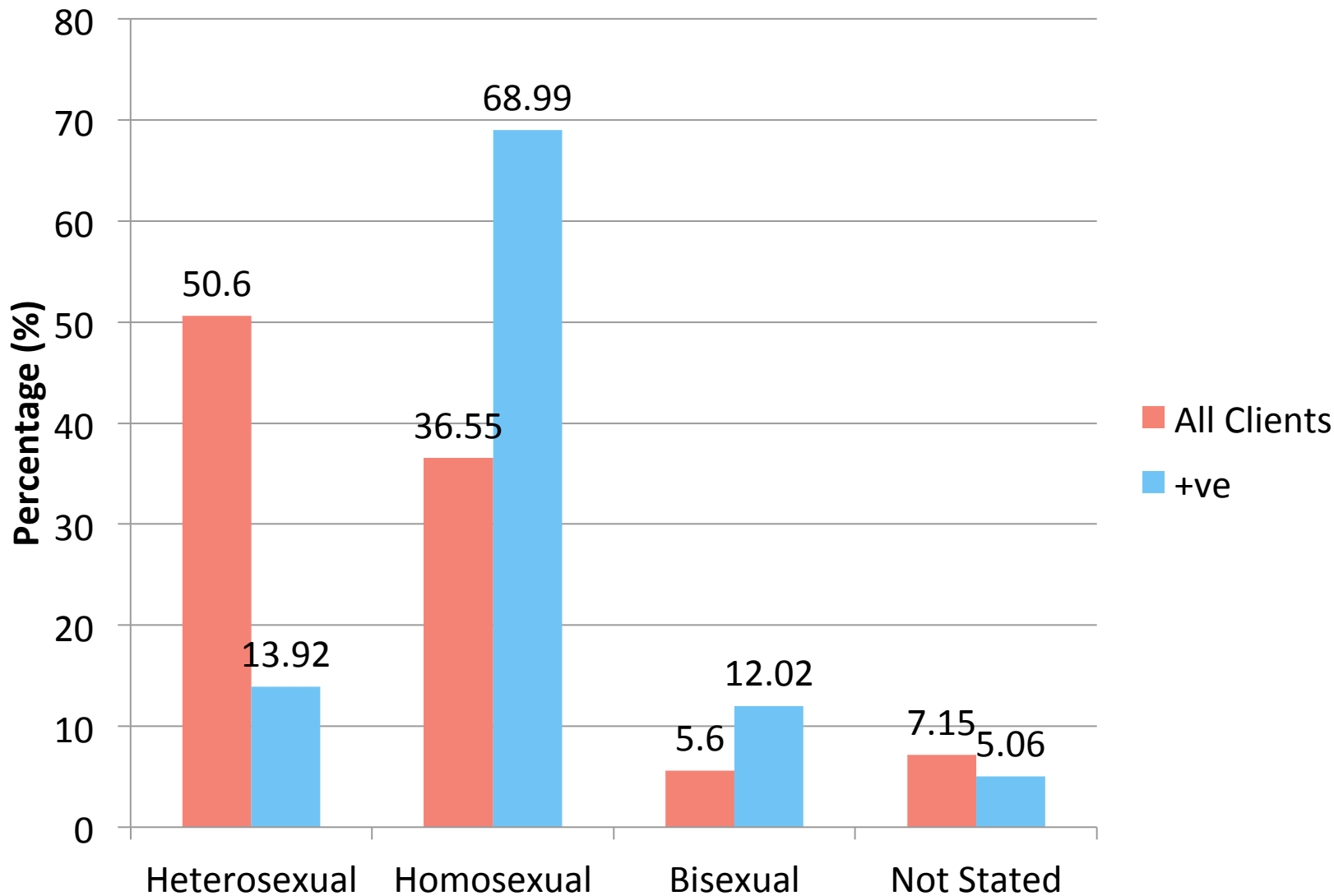
	<20	20-29	30-39	40-49	50 and above
◆ 2013	2	48	38	18	3
■ 2012	3	37	37	22	3
▲ 2011	2	53	43	16	3
✖ 2010	2	37	26	15	6
* 2009	4	26	32	12	5

N=117

N=86

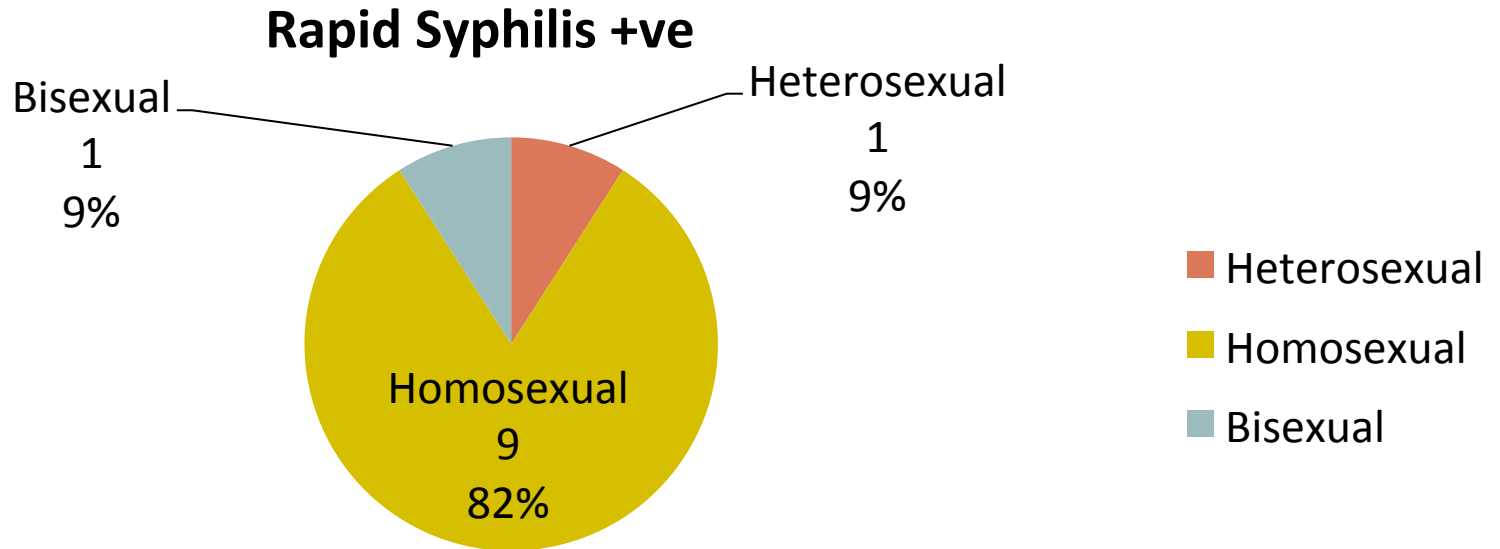
N=79

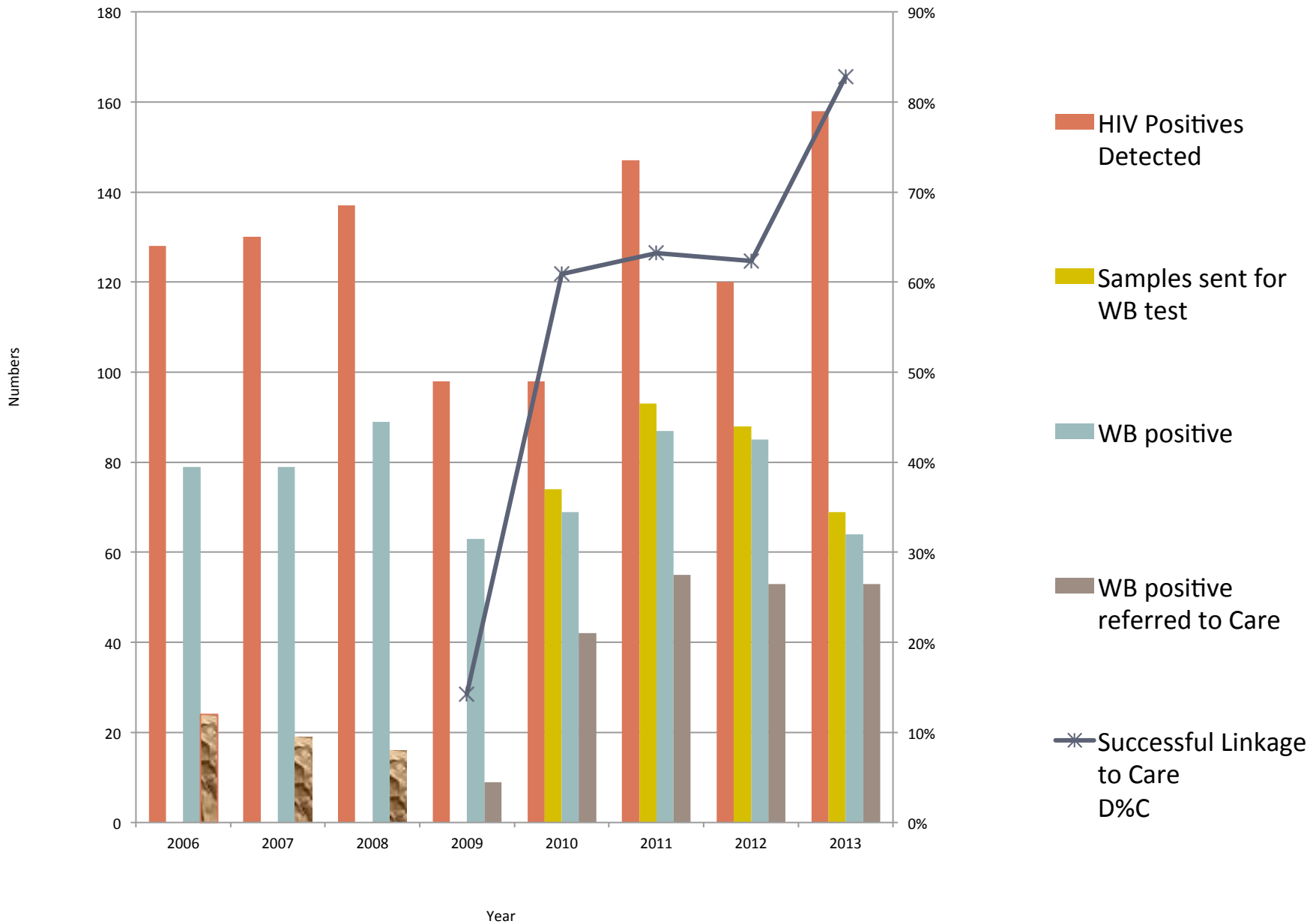
# ALL CLIENTS AND RAPID + CLIENTS BY SEXUAL ORIENTATION – 2013



## SYPHILIS TEST RESULTS (2013)

	# of Syphilis Done	Rapid Syphilis +ve	Prevalence (Syphilis)	Rapid Syphilis +ve & Rapid HIV +ve
Heterosexual	861	1	0.1%	
Homosexual	814	9	1.1%	
Bisexual	106	1	0.9%	1
Unknown	8	0	0%	





# OUTREACH HIV TESTING PROJECT IN VENUES FREQUENTED BY MEN WHO HAVE SEX WITH MEN (MSM)

## ROUND 6

AUGUST - OCTOBER 2013



**OUTREACH HIV TESTING PROJECT IN VENUES  
FREQUENTED BY MEN WHO HAVE SEX WITH MEN  
(MSM) ROUND 6**

**AUGUST - OCTOBER 2013**

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**5 bar/clubs participated**

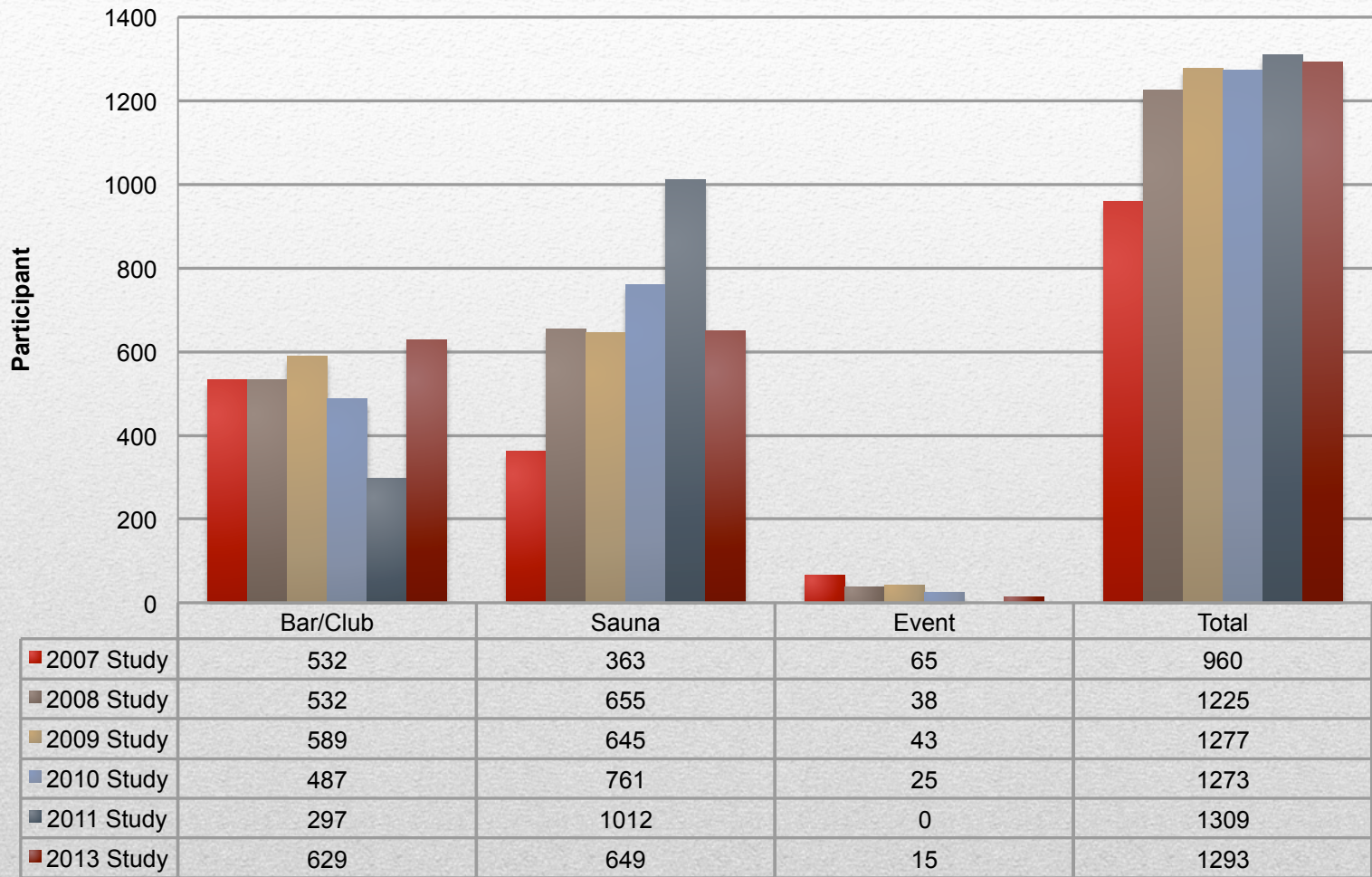
**Total samples: 629**

**7 saunas participated**

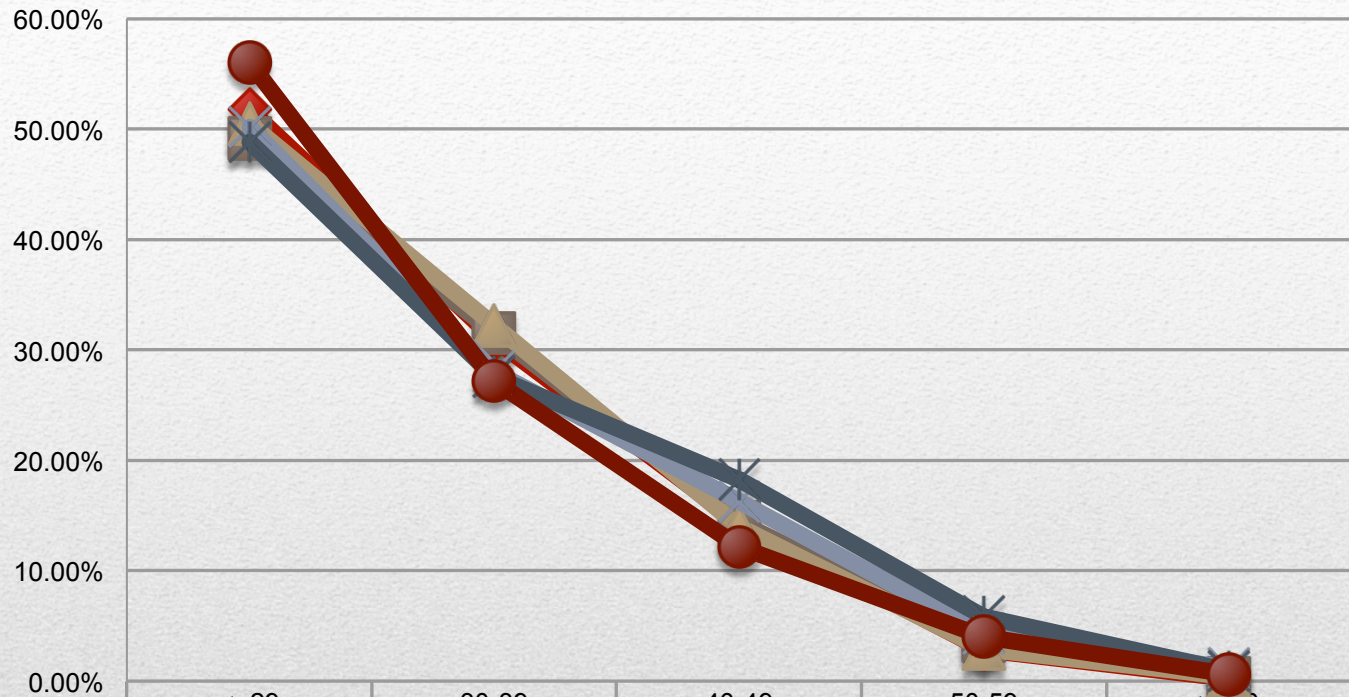
**Total samples: 649**

**Others**

**Total samples: 15**



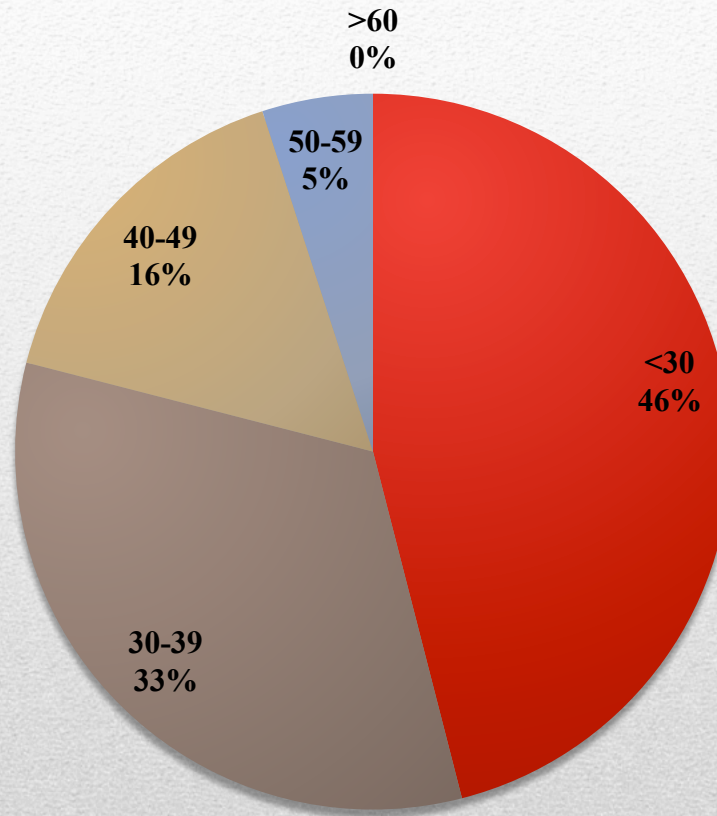
## Participants by Venues (2007 to 2013)



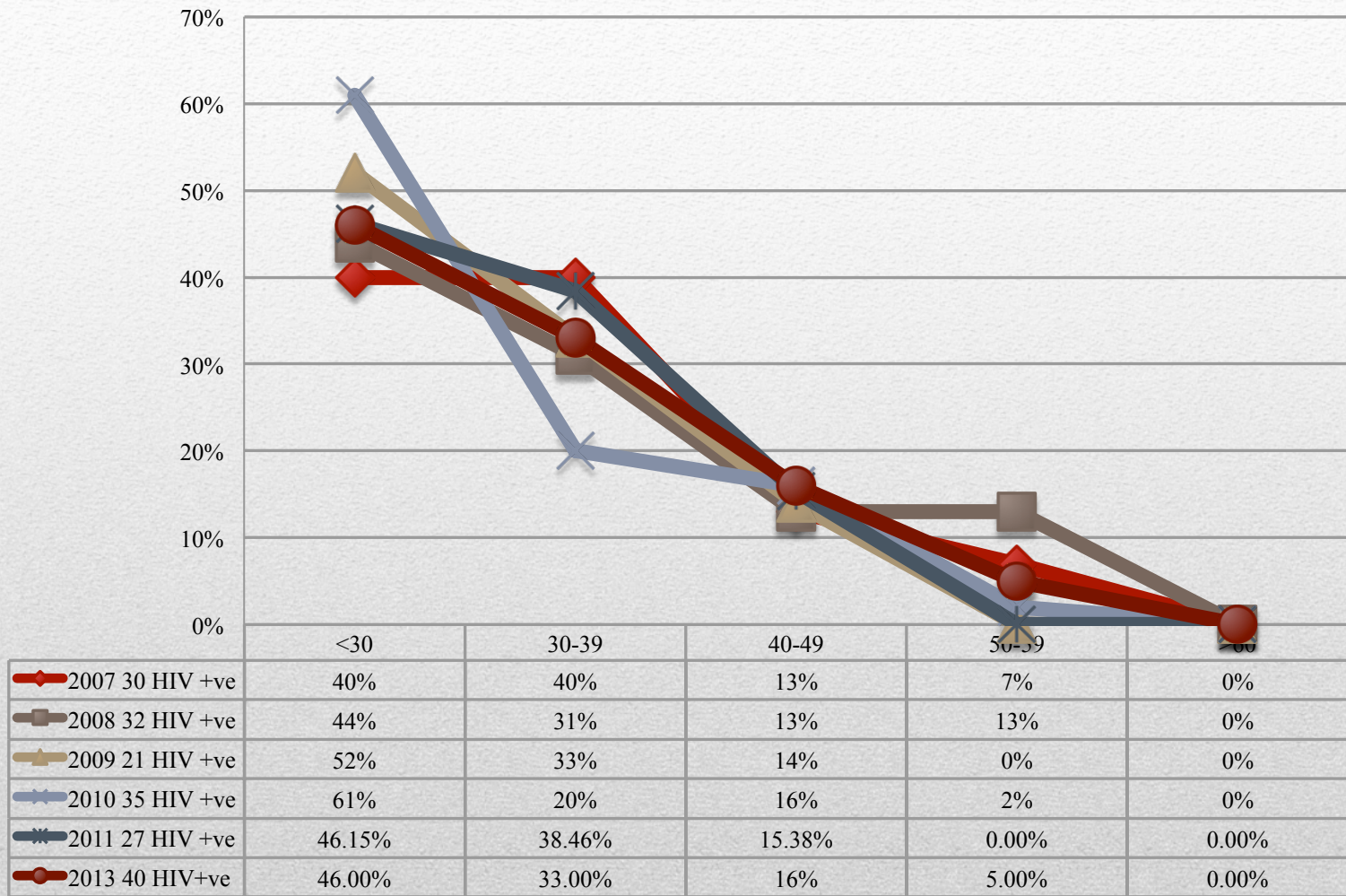
	<=29	30-39	40-49	50-59	>=60
2007 Age Group	51.77%	30.94%	14.27%	2.81%	0.21%
2008 Age Group	49.14%	31.51%	14.37%	3.67%	0.24%
2009 Age Group	50.52%	32.24%	13.97%	2.87%	0.40%
2010 Age Group	50.20%	28.01%	16.29%	4.33%	1.18%
2011 Age Group	48.83%	27.58%	18.26%	5.81%	0.92%
2013 Age Group	56.04%	27.18%	12.16%	4.03%	0.59%

## Age Groups by Year (2007 – 2013)

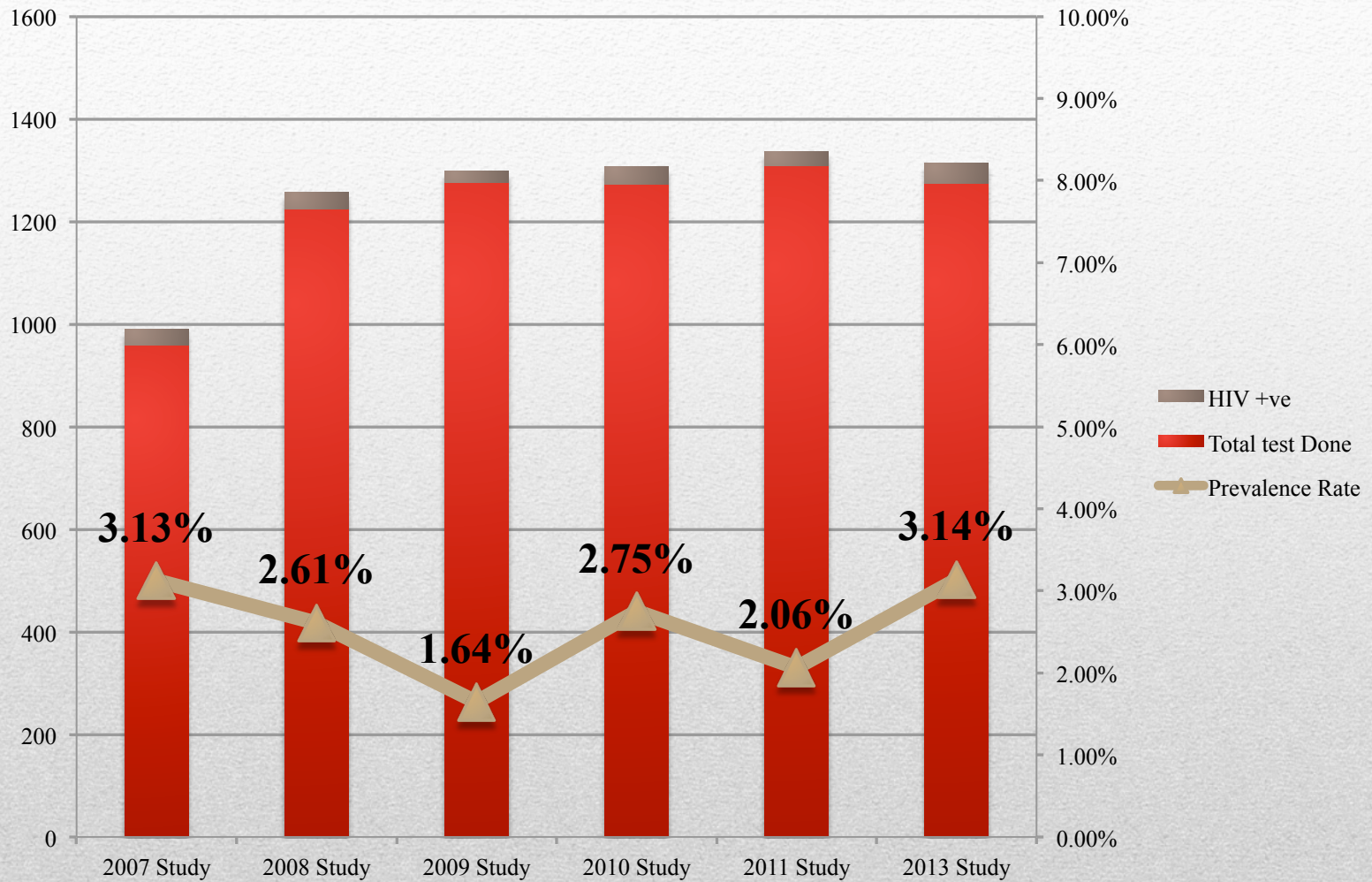
## 2013 - Oraquick HIV +ve



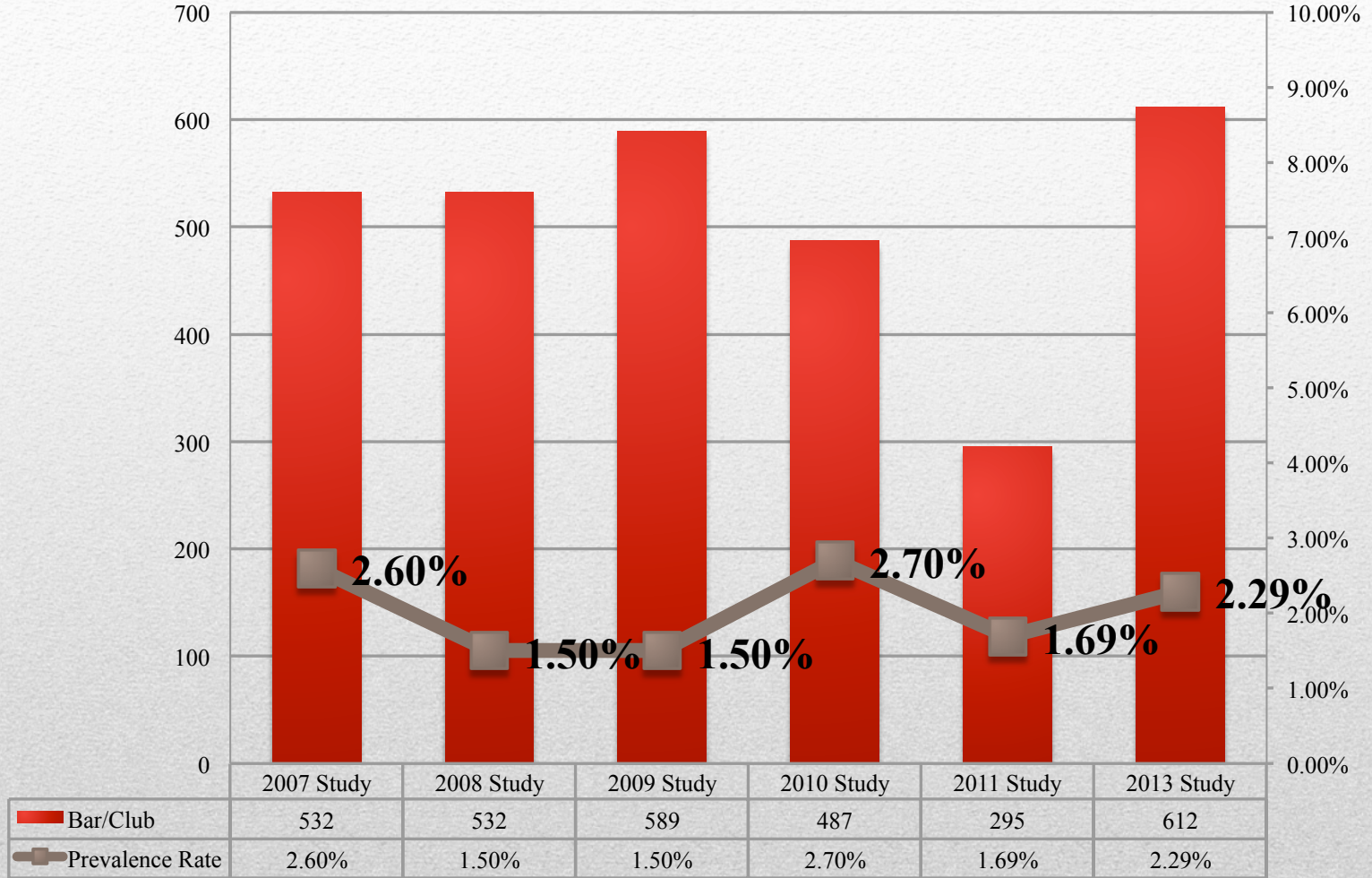
**Oral Swab HIV-positive by Age Group 2013**



**Oral Swab HIV+ by Age Group and Year**



## Overall Oral Swab HIV-positivity by Year

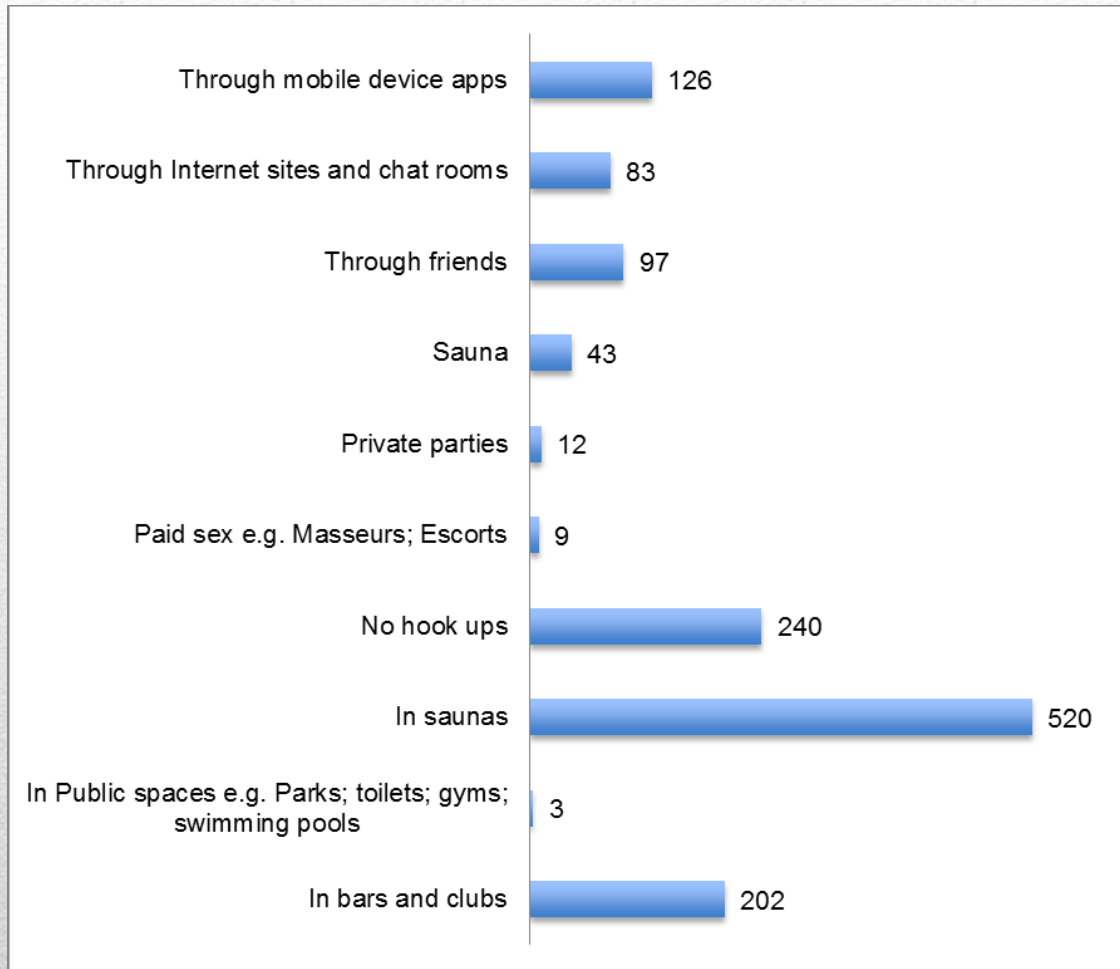


# HIV Oral Swab-positivity in Bars/Clubs by Year

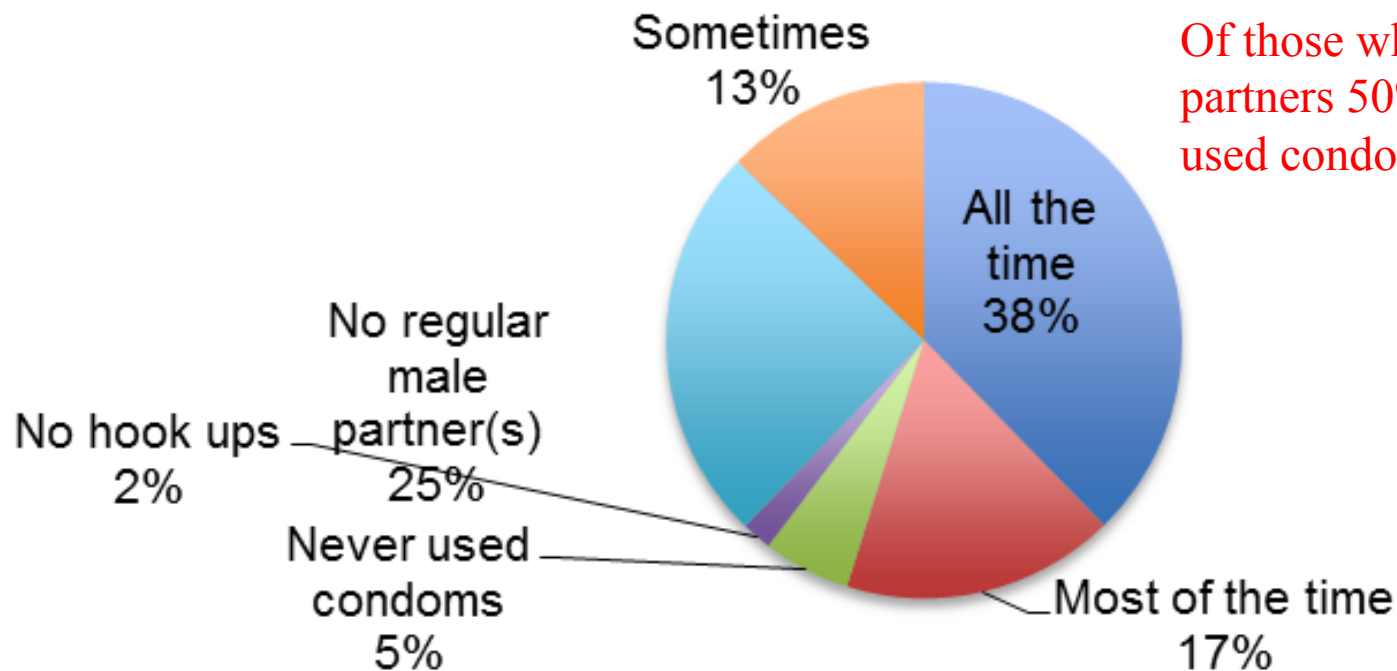


# HIV Oral Swab + in Saunas by Year



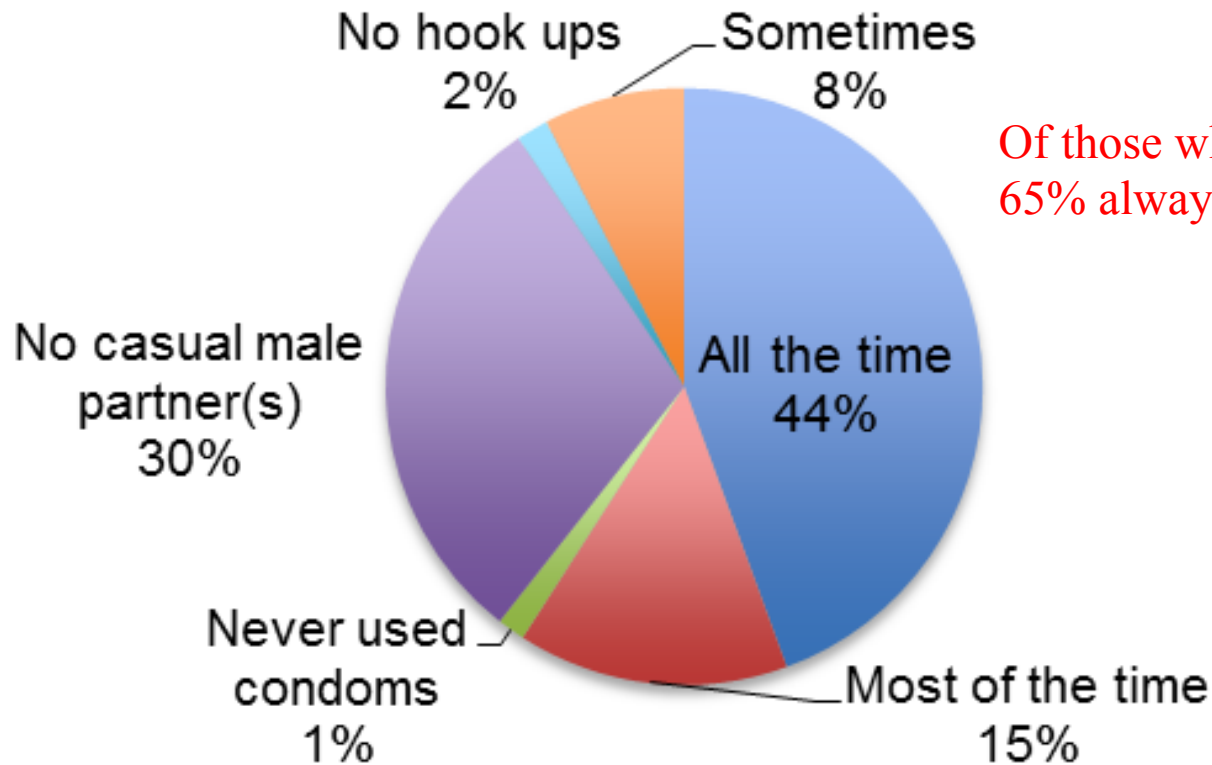


**Where do you meet your sexual partners (survey form n=1335)**  
Participants can circle more than one option on where they meet their sexual partners.



Of those who had regular partners 50% always used condoms

**Condom use in the last 6 months with regular partners (survey form n=1331)**

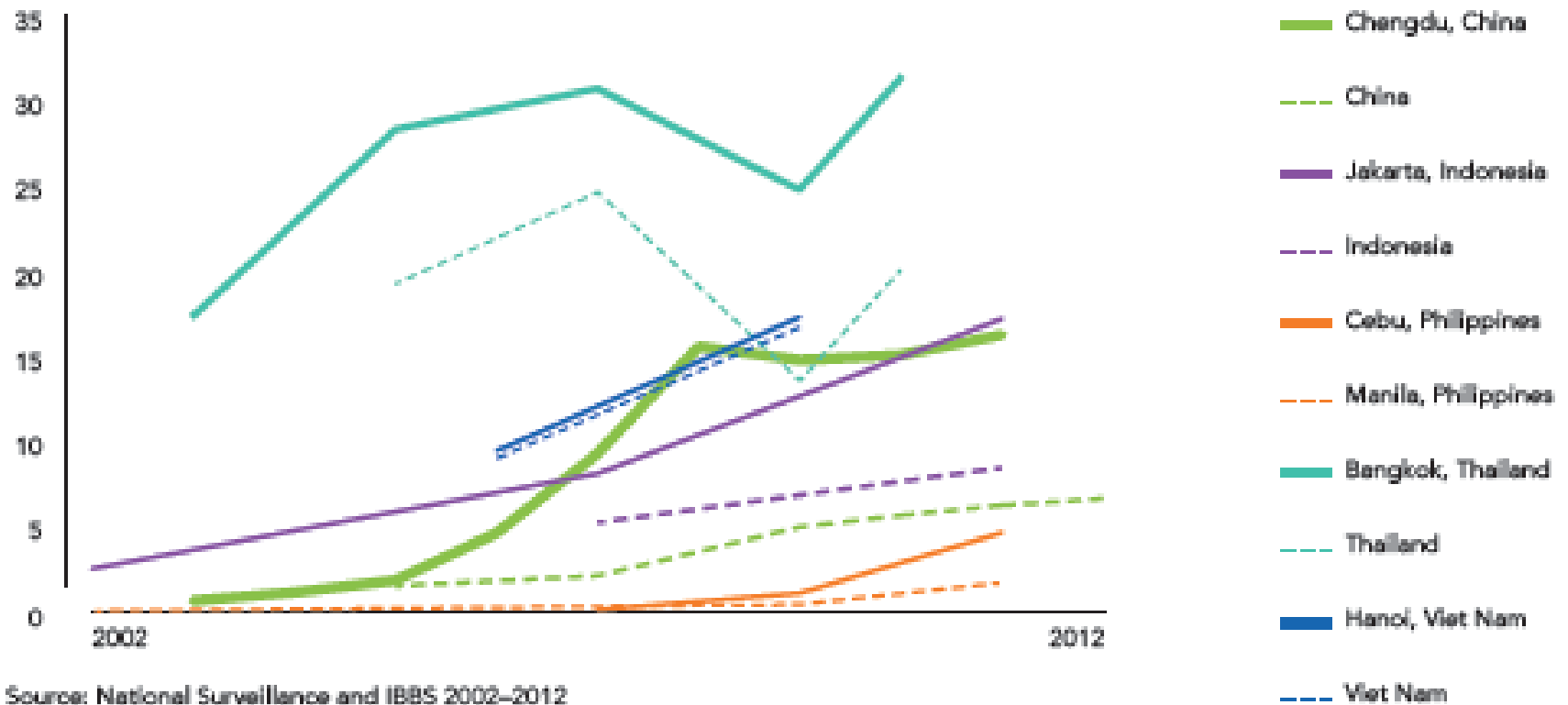


Of those who had casual partners  
65% always used condoms

**Condom use in the last 6 months with casual partners (survey form  
n=1335)**

Figure 8

## HIV prevalence trends among men who have sex with men 2002–2012



Source: National Surveillance and IBBS 2002–2012