

# **Current Situation and Measures against HIV/AIDS in Tokyo**

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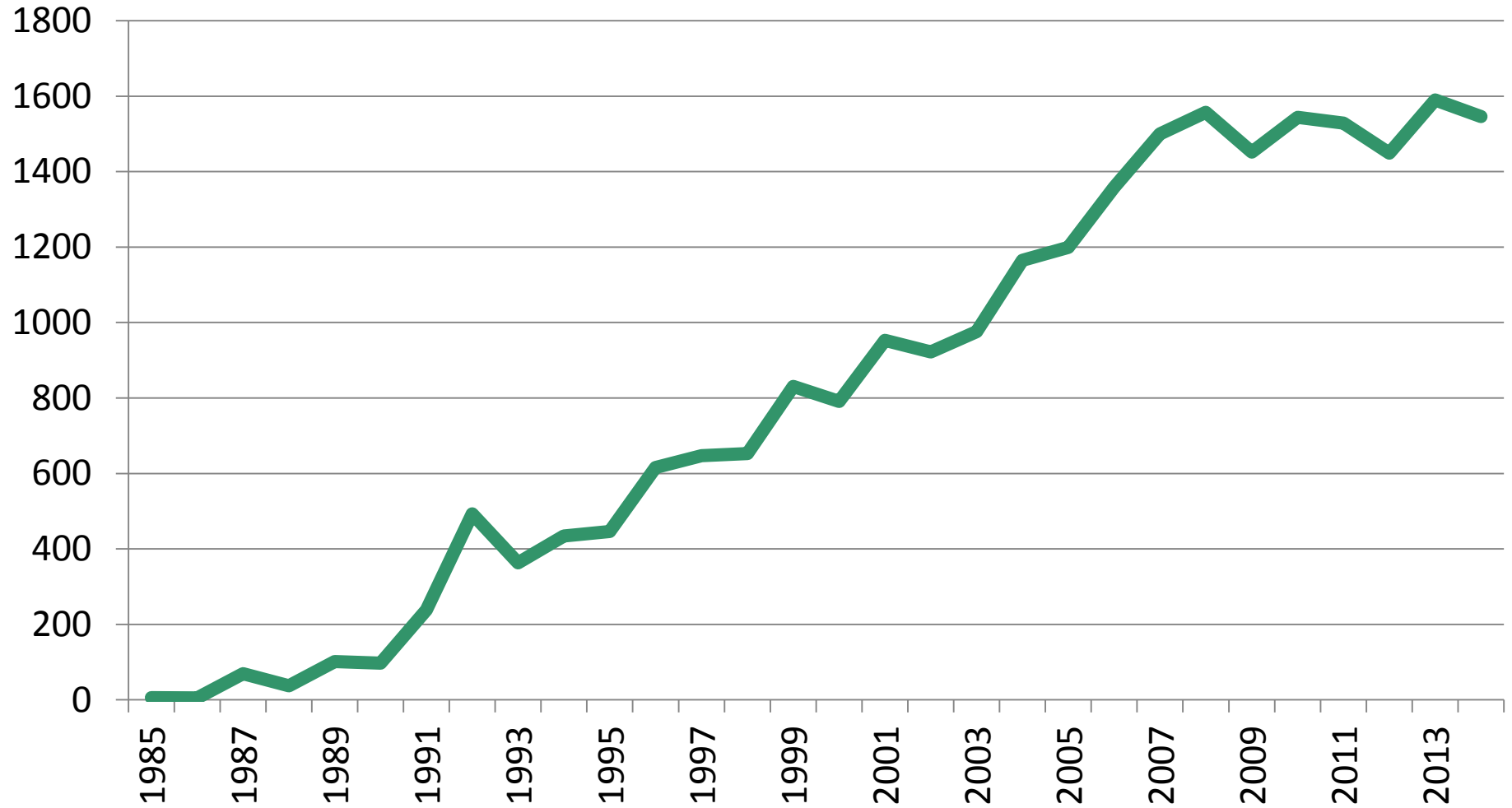
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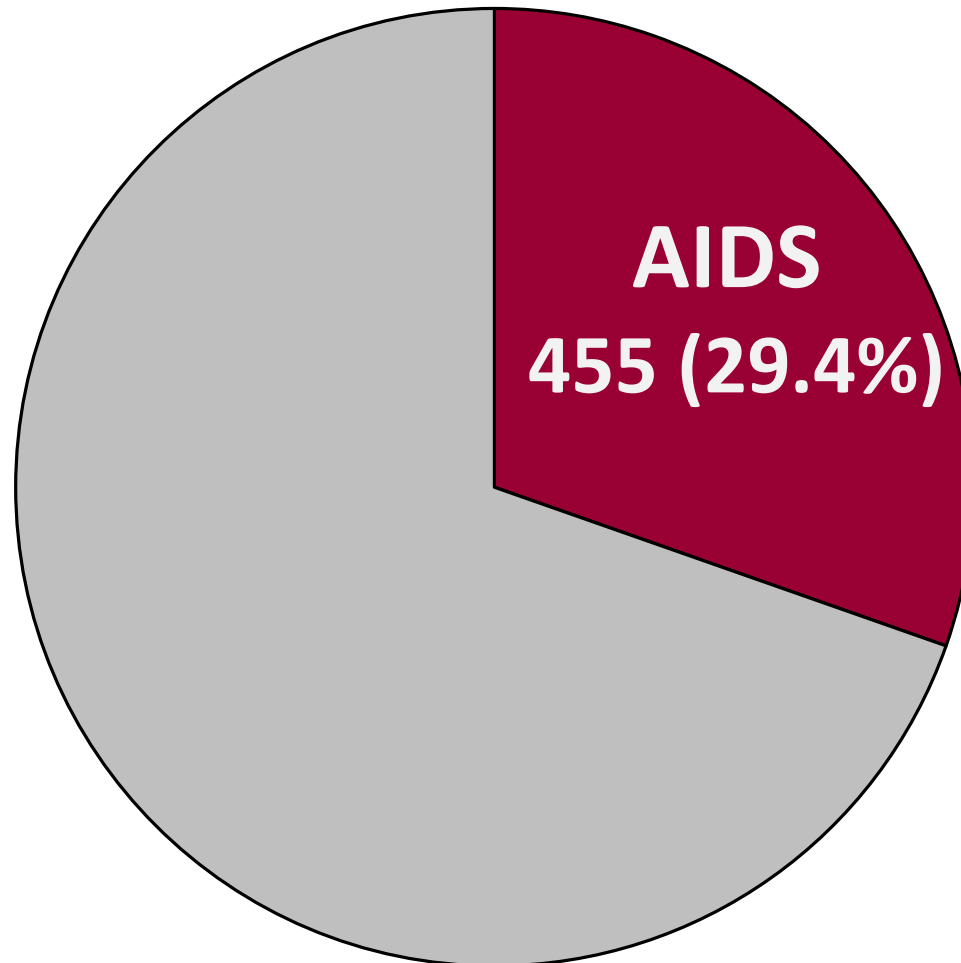
# **1. Trend of HIV/AIDS in Japan**

# Trend of newly registered HIV cases in Japan



# Newly registered AIDS cases in Japan (2014)

**Number of HIV cases 1546**



## HIV Prevalence by Transmission Category (2014)

**Number of HIV cases 1546**

<b>Transmission Category</b>	<b>Cases (%)</b>
Heterosexual	299 (19.3%)
<b>Same-sex sexual intercourse*</b>	<b>1047 (67.7%)</b>
Injection Drug User	7 (0.5%)
Mother to Child Transmission	2 (0.1%)
Others	35 (2.3%)
Unknown	156 (10.0%)

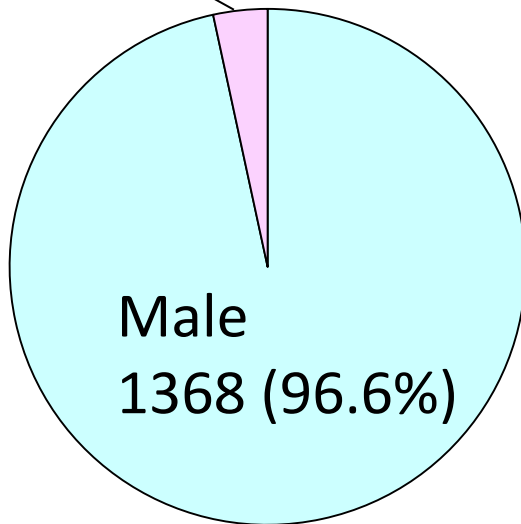
\* All cases are MSM (men who have sex with men)

# HIV Prevalence by Nationality, Gender (2014)

## Japanese **1416**

Female

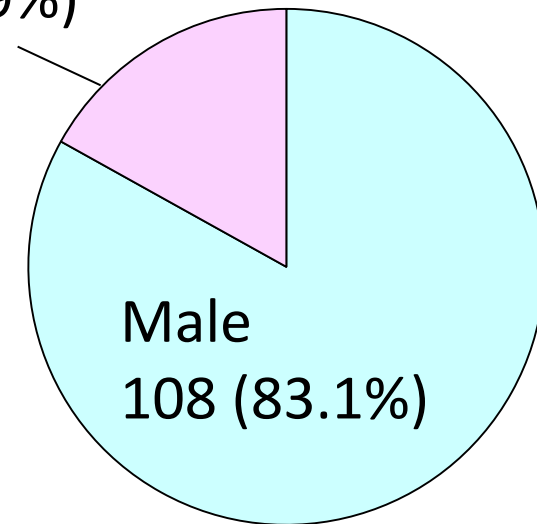
48 (3.4%)



## non Japanese **130**

Female

22 (16.9%)



## **2. Trend of HIV/AIDS in Tokyo**

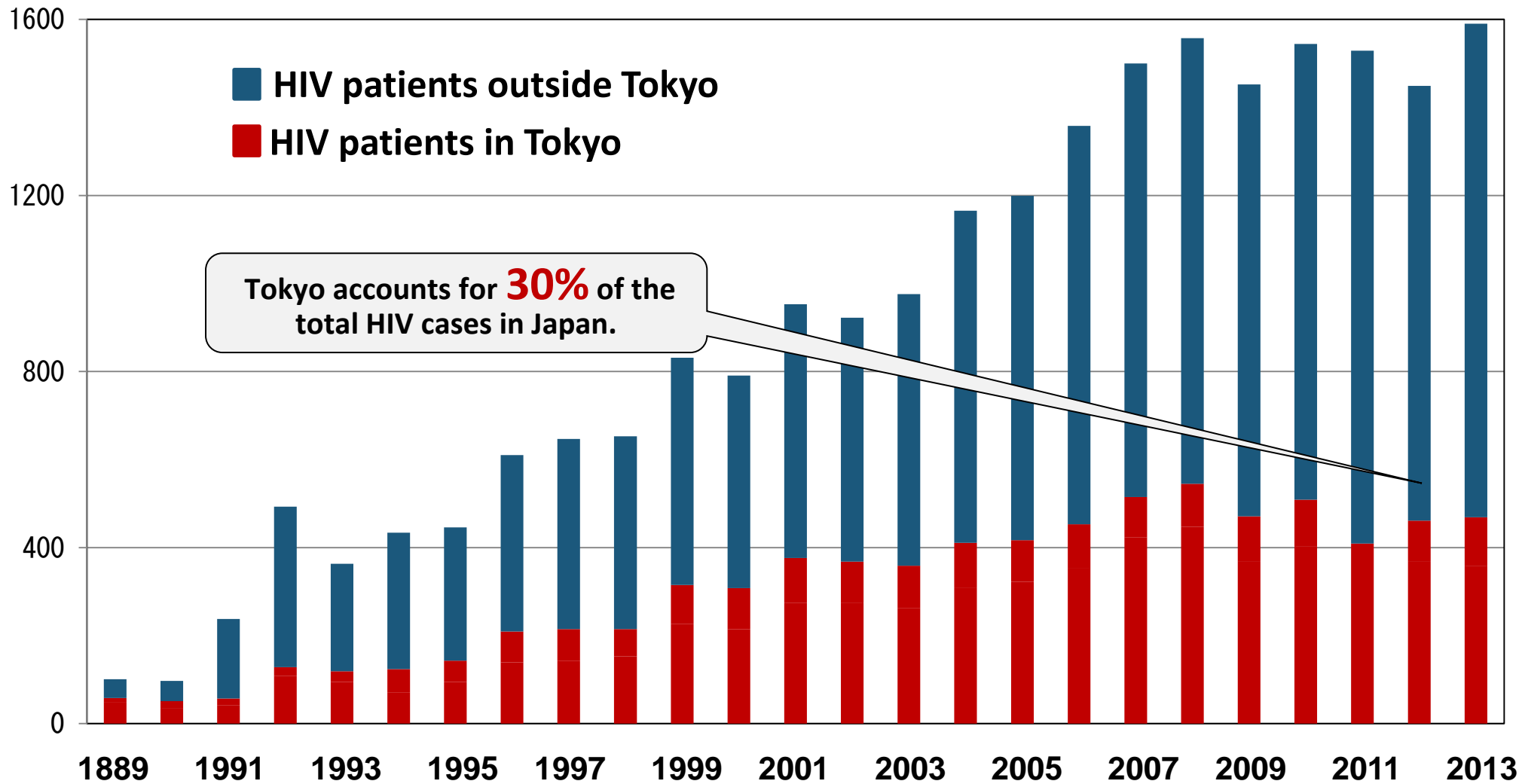


# Population of Japan and Tokyo

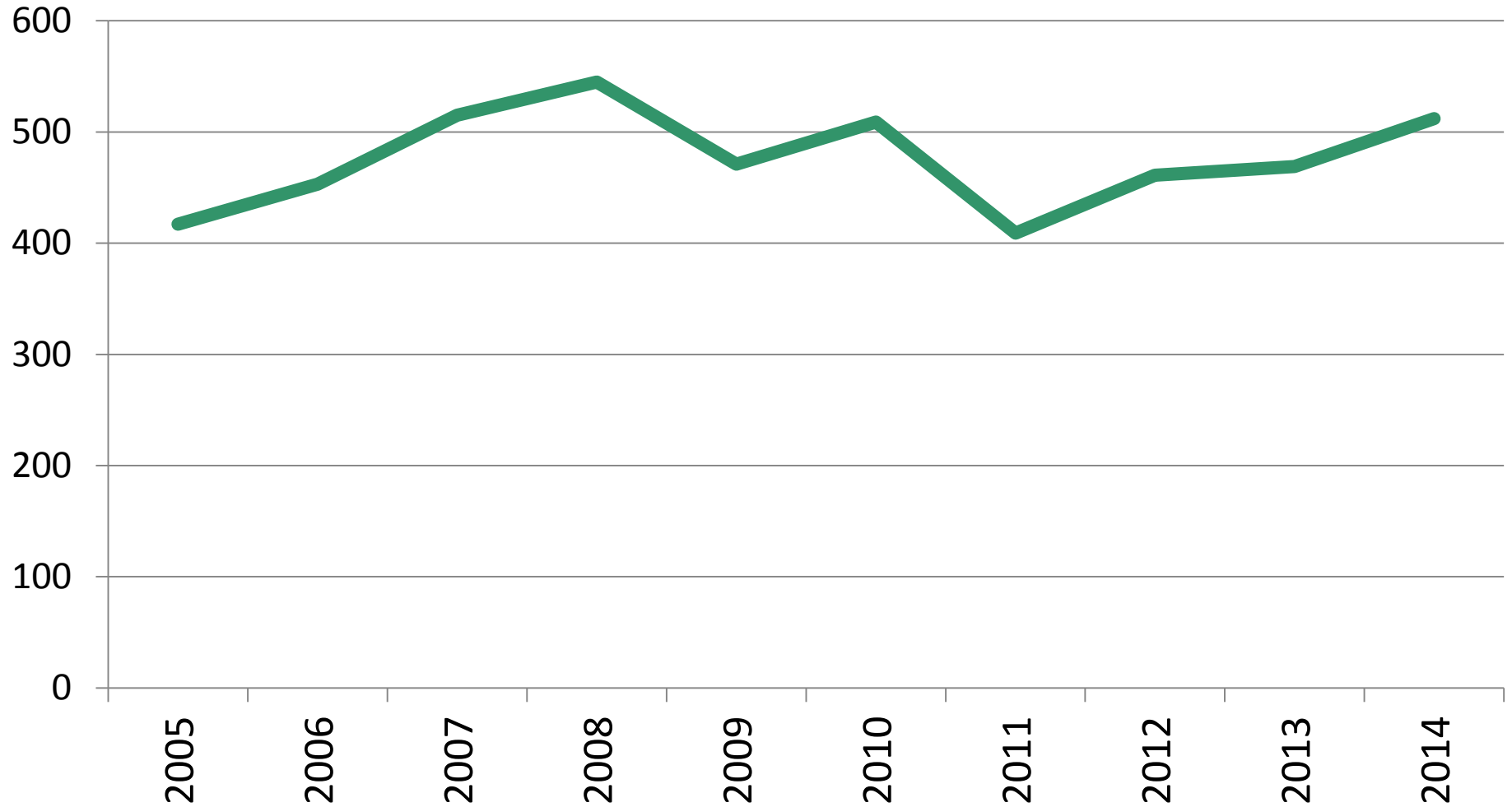


Japan	127,300,000	
Tokyo	13,500,000	<b>(10%)</b>

# HIV patients in Tokyo and Japan

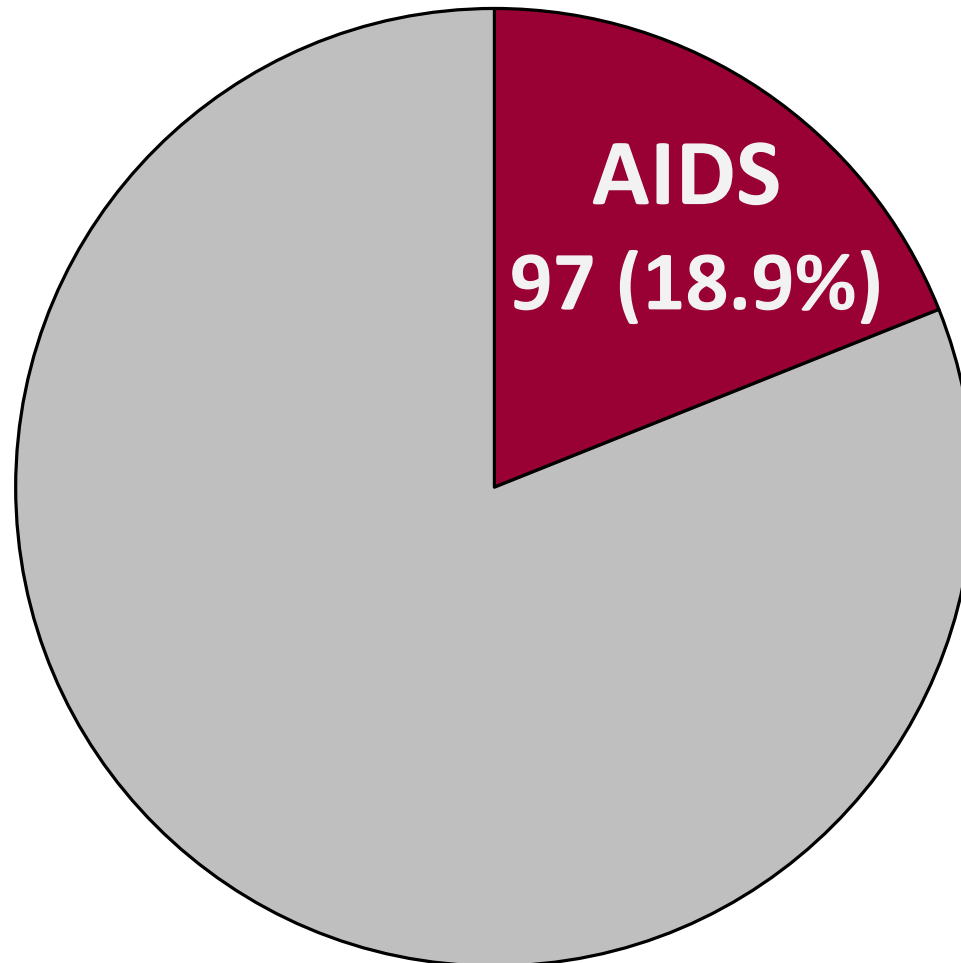


# Trend of newly registered HIV cases in Tokyo



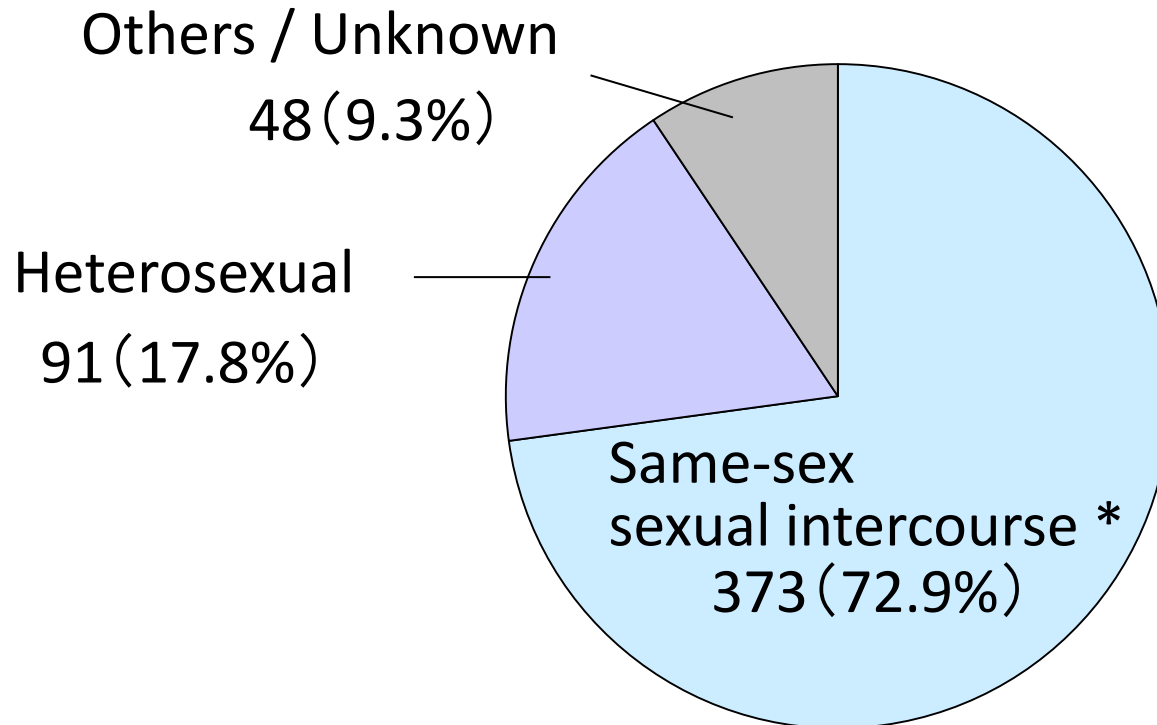
# Newly registered AIDS cases in Tokyo (2014)

**Number of HIV cases 512**



# HIV Prevalence in Tokyo by Transmission Category (2014)

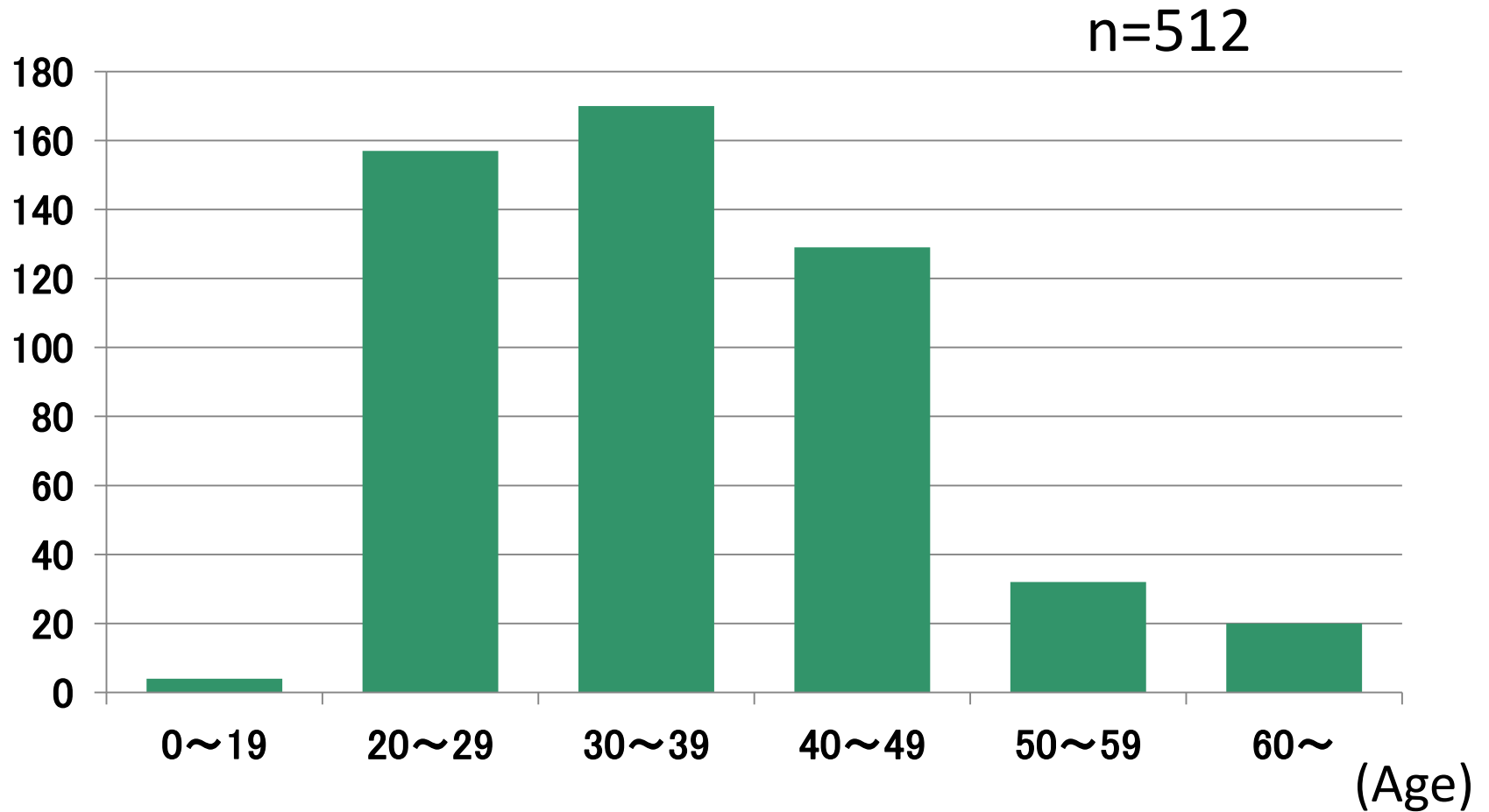
**Number of HIV cases 512**



\* All cases are MSM (men who have sex with men)

# HIV Prevalence in Tokyo

by Age (2014)



### **3. HIV testing facility in Tokyo**

## HIV testing medical facility in Tokyo

### Testing and Counseling facility (Free of charge, anonymous)

- Public Health Centers
- Minami-Shinjuku Testing and Counseling Office

### Hospitals and Clinics

- Core Hospitals (44 Hospitals)
- Other Medical Facilities ( Hospitals and Clinics )

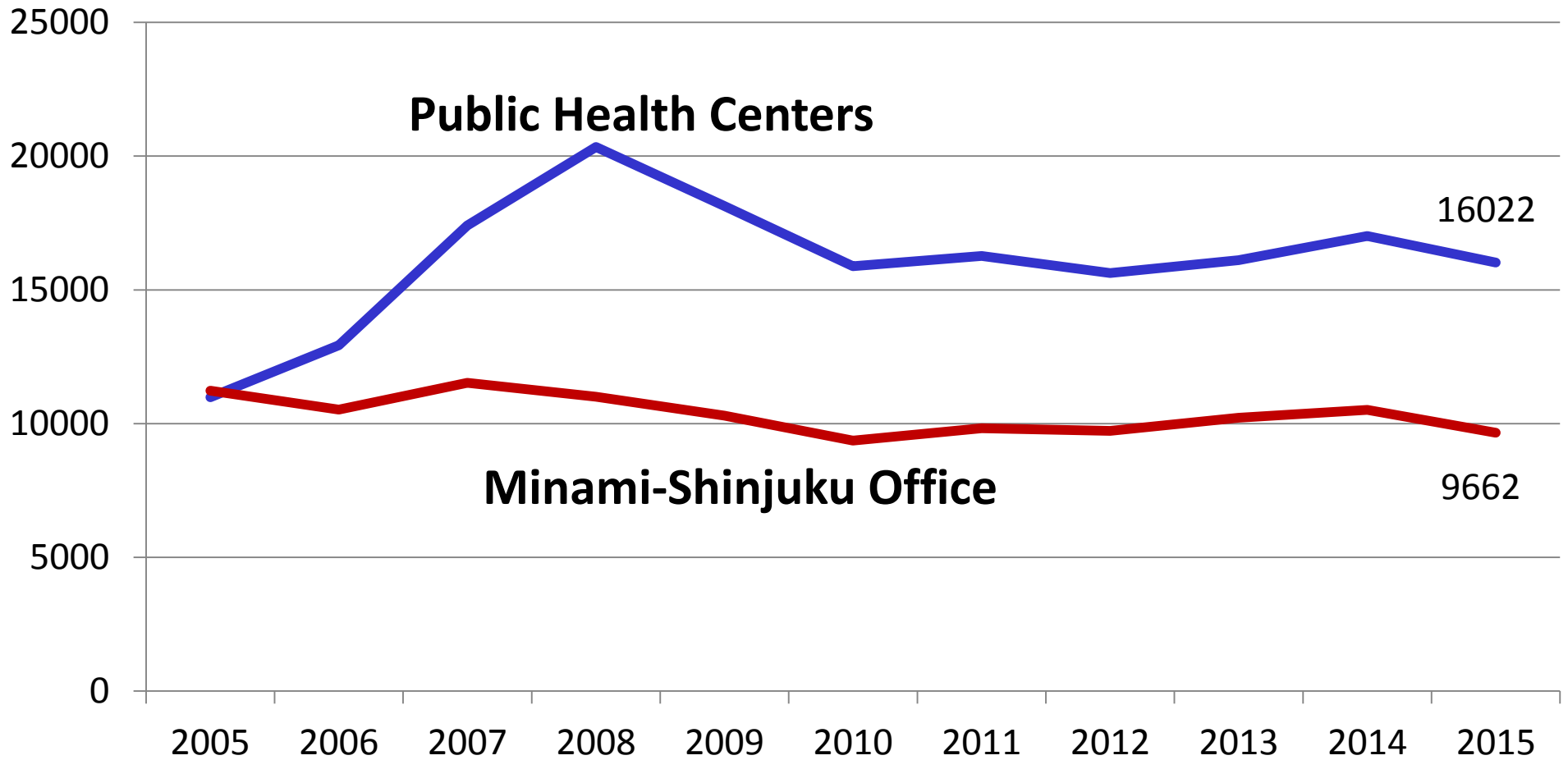


# Minami-Shinjuku Testing and Counseling Office

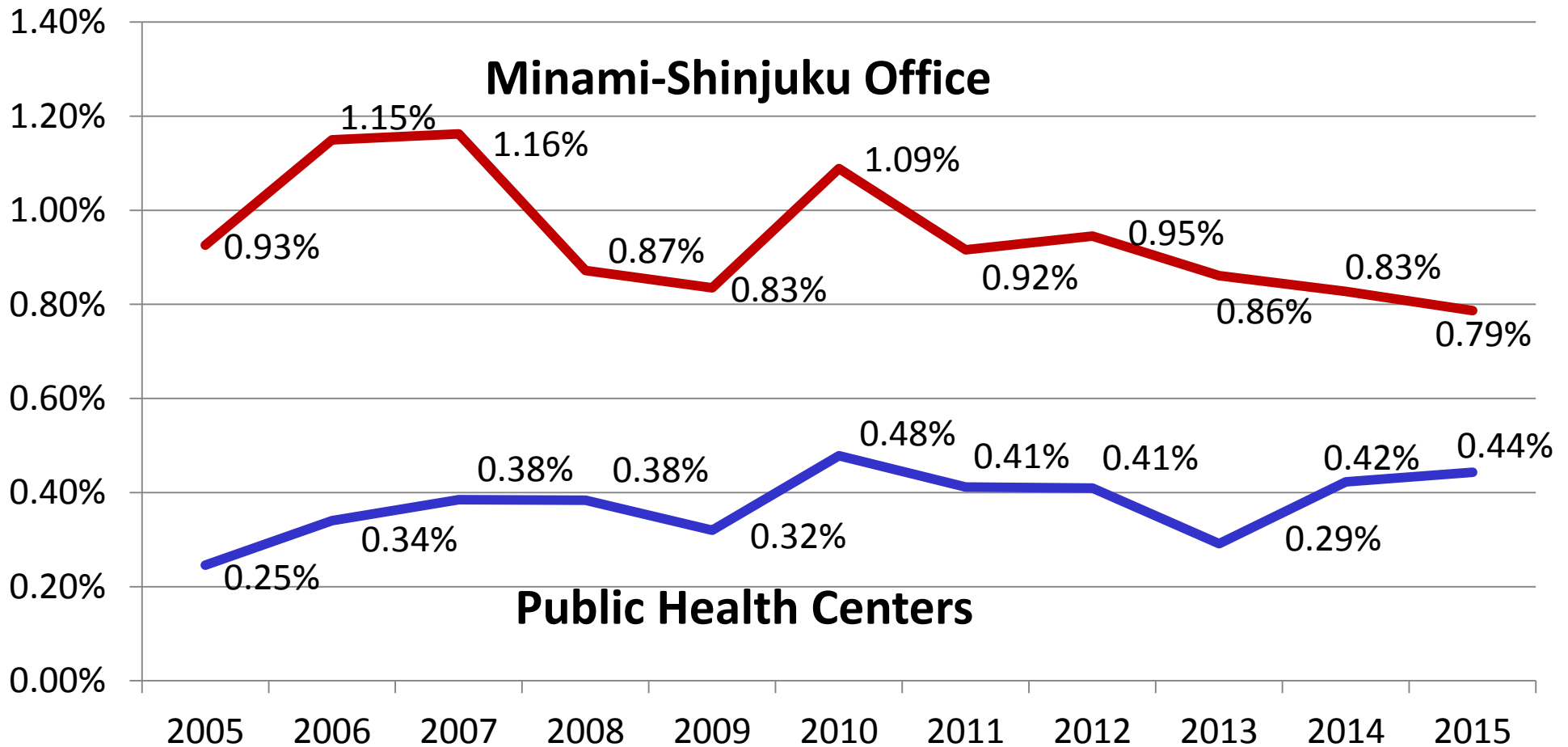


- 3 min. walk from south exit of Shinjuku station
- Testing Hours  
Mon – Fri: 15:30 – 19:00 Sat, Sun: 13:00 – 16:30
- Free of charge, anonymous
- Reservations possible from mobile phone site

# No. of tests at public health centers in Tokyo

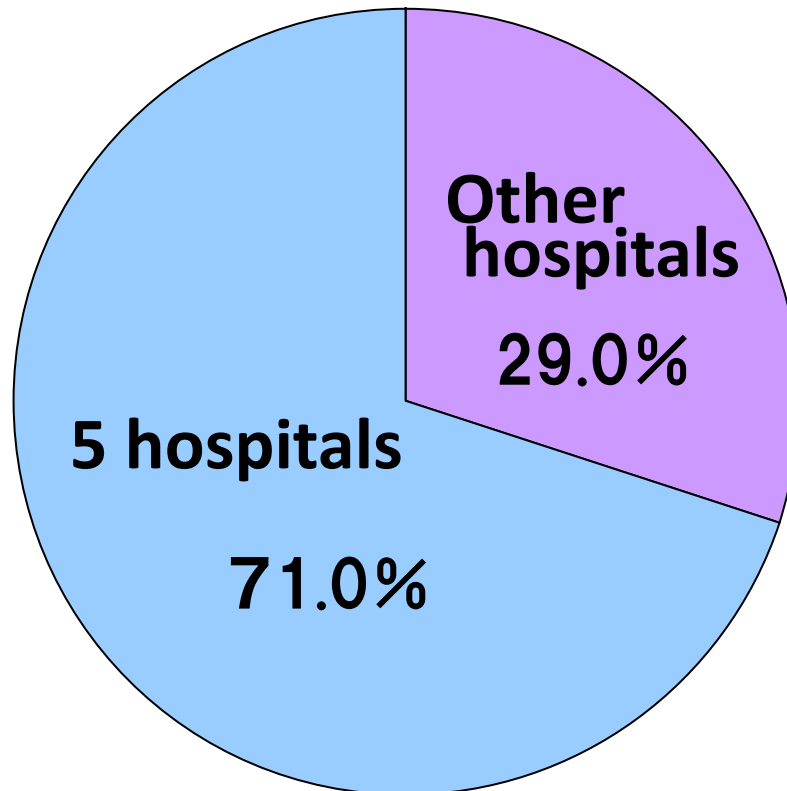


# HIV positive rate at public health centers in Tokyo

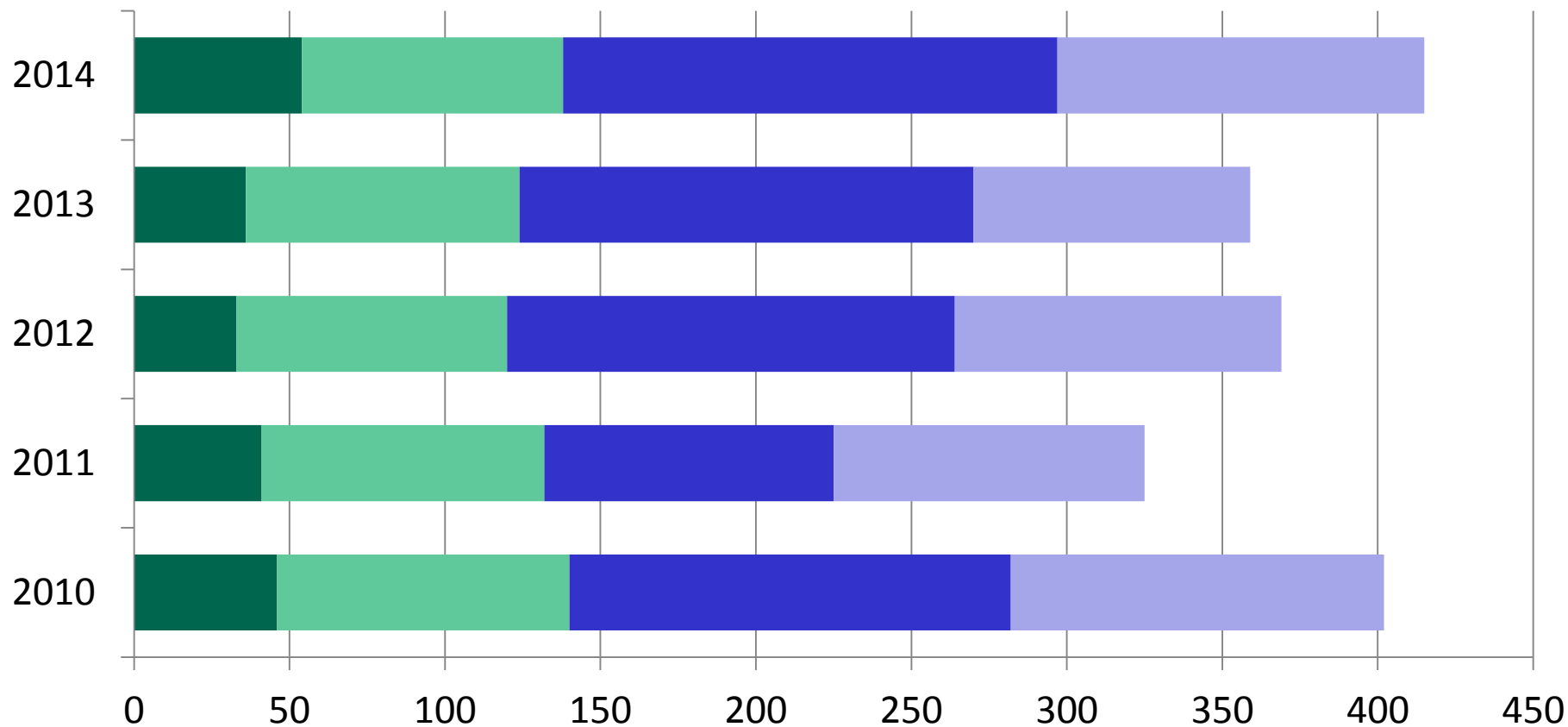


# Current situation of core AIDS hospitals in Tokyo

Of the **44** core hospitals in Tokyo, approximately **70%** of outpatients are concentrated at **5** particular hospitals.



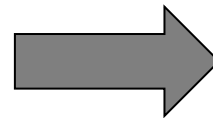
# Reported cases according to medical facility in Tokyo (2014)



**Public Health Centers**   **Minami-Shinjuku Office**   **Core Hospitals**   **Other Medical Facilities**

## **4. Antiretroviral Therapy (ART)**

# ART( AntiRetroviral Therapy



Side effect ↓

Drug Resistance ↓

**STR** is selectable

( **STR** : single tablet regimen )

## Medical cost and Insurance in Japan

- Medical cost for Antiretroviral therapy(ART) is Approximately 200,000 Yen (1,800 US \$ )/Month
- 70% of medical cost is covered by insurance
- We have a system for subsidizing the remained cost
- Final costs is 0~20,000 Yen (0~180 US \$ )/Month
  - \* The payments are decided by income.



**ART** ( AntiRetroviral Therapy )

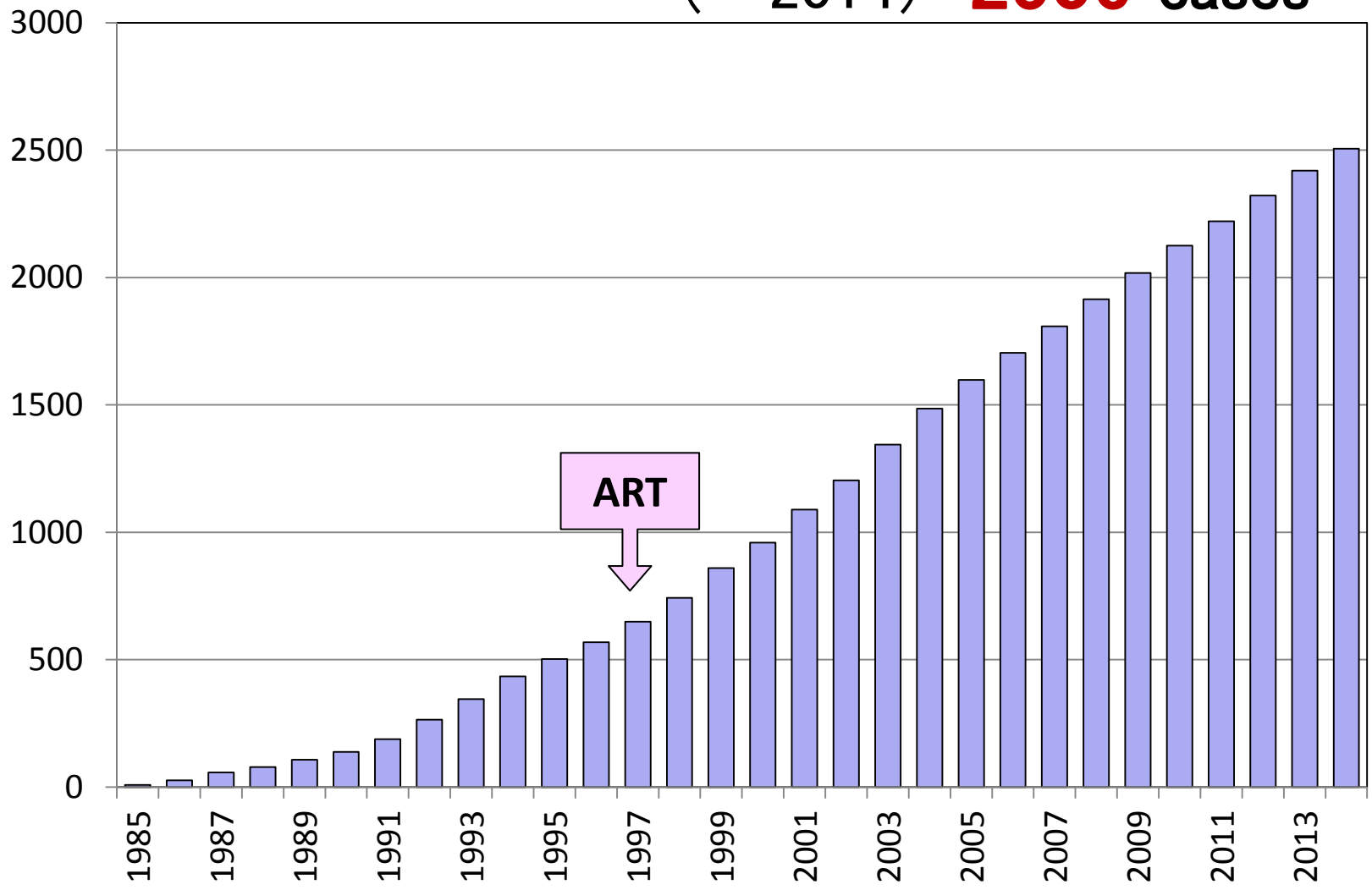
**Treatment for all**

**Treatment as prevention**

## **5. Aging and Non-AIDS Comorbidities**

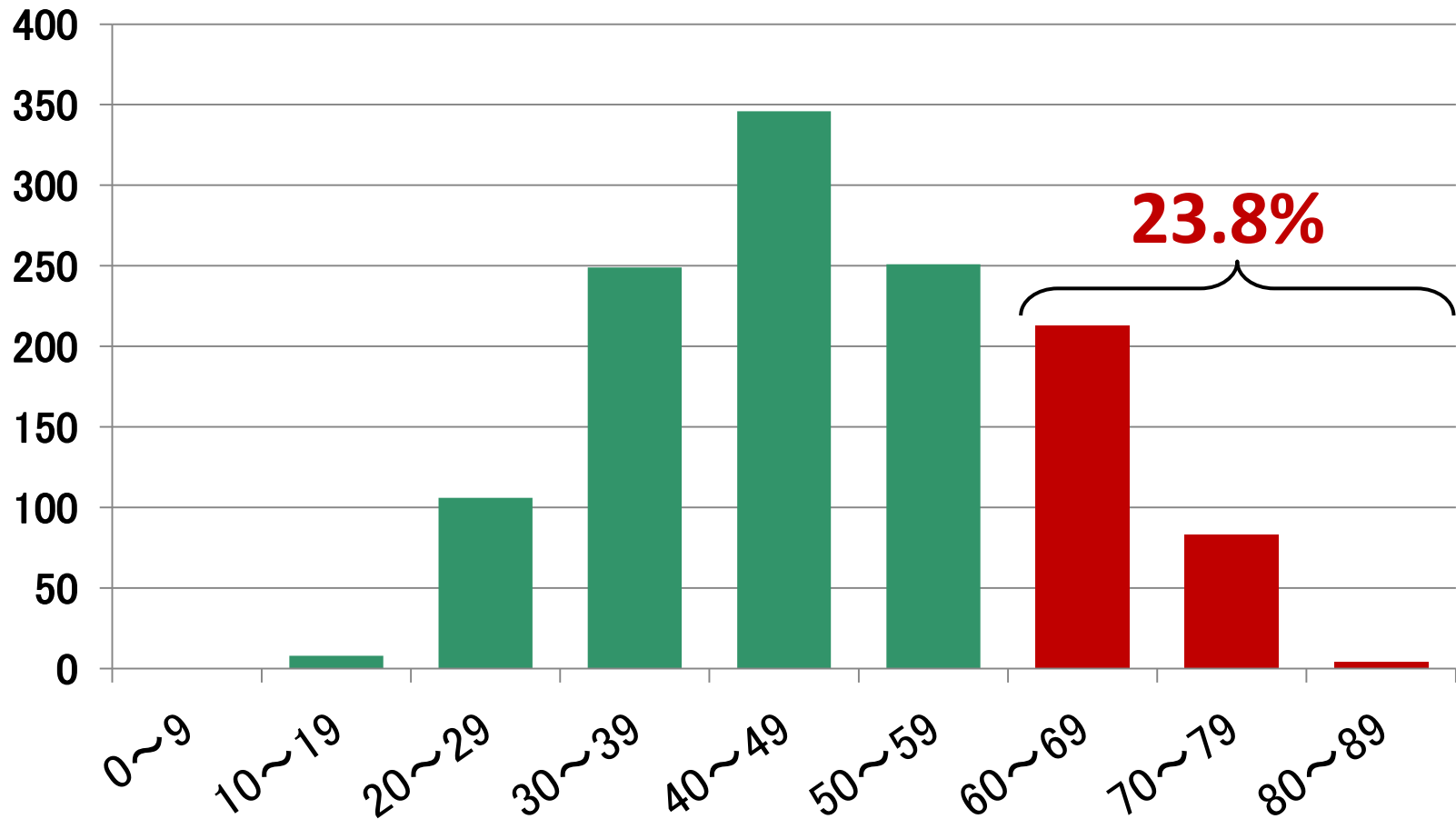
# Cumulative HIV+ cases (Komagome Hospital)

(~2014) **2506** cases



# Age of outpatients (Komagome Hospital)

2014 n=1260



## Non-AIDS Comorbidities

Being seen in treated HIV patients

**Cardiovascular disease**

**Liver disease**

**Chronic kidney disease**

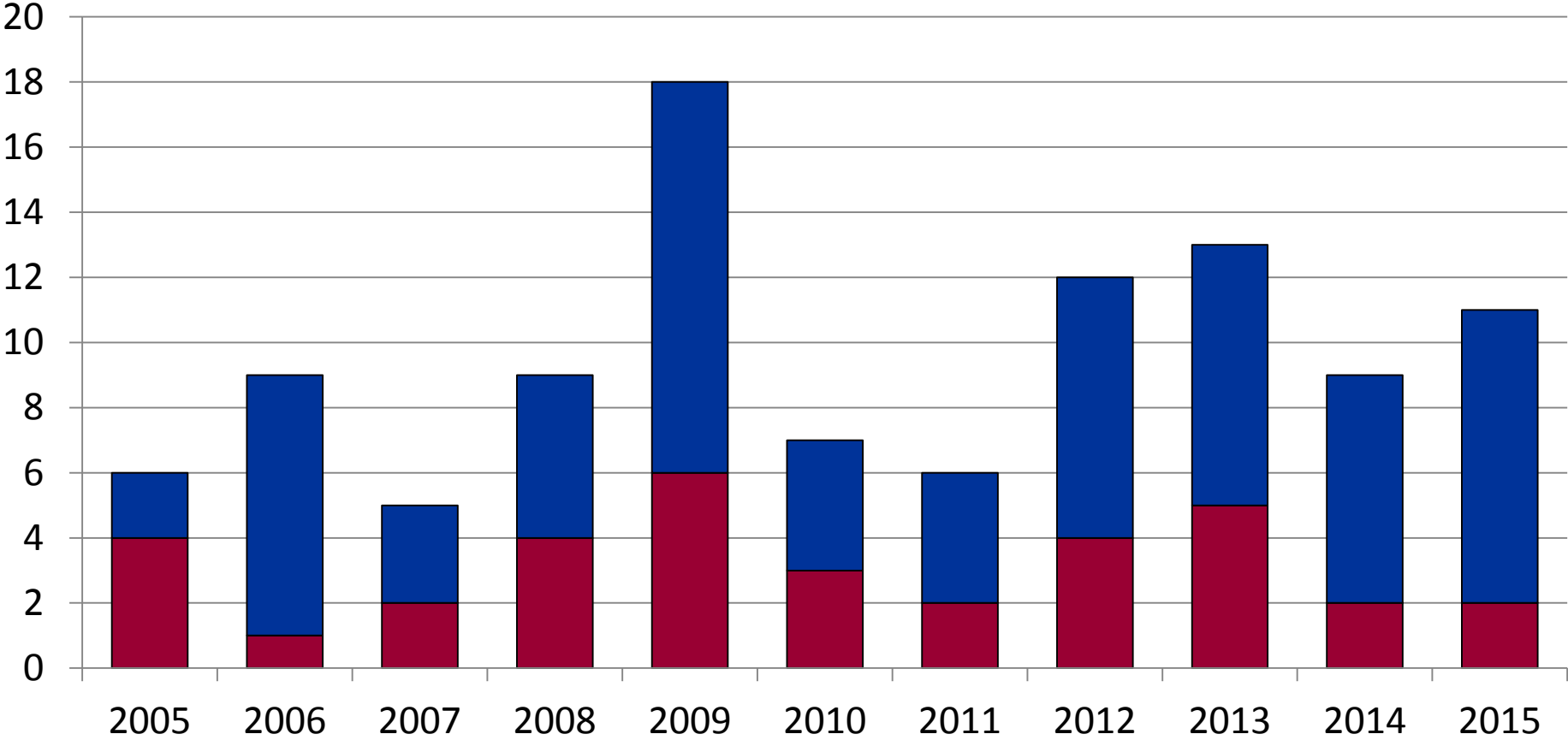
**Osteoporosis**

**HIV associated neurocognitive disorders (HAND)**

**Non-AIDS-Defining Malignancies (NADM)**

# Causes of death at Komagome hospital

- AIDS-related illness
- Other cause of death



# Causes of death in 2015 at Komagome hospital

■ AIDS-related illness
 ■ Other cause of death

Case	Age	First Visit	Cause of Death	Place
1	71	1997.3.31	unknown	Home
2	68	2006.10.31	Liver-related	Home
3	60	1997.7.15	Cerebral hemorrhage	Other hospital
4	68	2004.3.4	Liver-related	Home
5	63	2015.6.1	AIDS-related illness (PCP, CMV)	
6	58	1999.6.29	Chronic kidney disease ( Dialysis )	Home
7	56	2015.4.10	AIDS-related illness (PML)	
8	30	2015.3.16	Nasal cancer	
9	48	2010.1.21	unknown	Home
10	44	2005.5.9	Gastric cancer	
11	89	2000.6.23	unknown	Home

**Thank you for your attention**  
**Akifumi Imamura**

