



## Newly Diagnosed HIV Cases in the Philippines

In July 2013, there were 449 new HIV Ab sero-positive individuals confirmed by the STD/AIDS Cooperative Central Laboratory (SACCL) and reported to the HIV and AIDS Registry (Table 1). This is 62% higher compared to the same period last year (n=278 in 2012) and the highest number of cases reported in a month [Figure 1].

**Table 2. Percentage of HIV Cases per Region (July 2013)**

Region	% of Cases
I	2%
II	2%
III	8%
IVA	14%
IVB	1%
V	2%
VI	3%
VII	12%
VIII	1%
IX	2%
X	1%
XI	7%
XII	2%
CAR	1%
CARAGA	<1%
ARMM	<1%
NCR	42%

Most of the cases (96%) were male. The median age was 27 years (age range: 5-60 years). The 20-29 year (57%) age group had the most number of cases.

Reported mode of transmission were sexual contact (412), needle sharing among injecting drug users (36) and mother to child transmission (1) [Table 3, page 2]. Males having sex with other males (84%) were the predominant type of sexual transmission [Figure 2]. Most (91%) of the cases were still asymptomatic at the time of reporting [Figure 3].

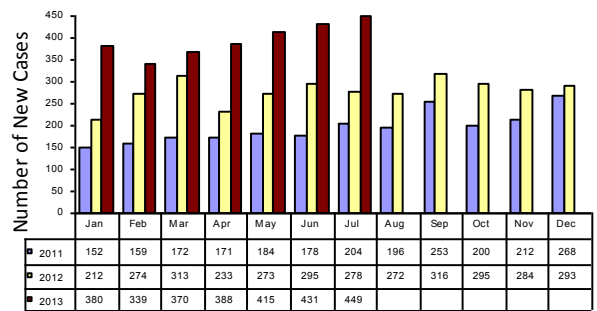
In July 2013, bulk of the new HIV cases came from NCR, Region 3, Region 4A, Region 7, and Region 11 [Table 2]. However, the three highest reporting regions were NCR, 4A and 7.

**Table 1. Quick Facts**

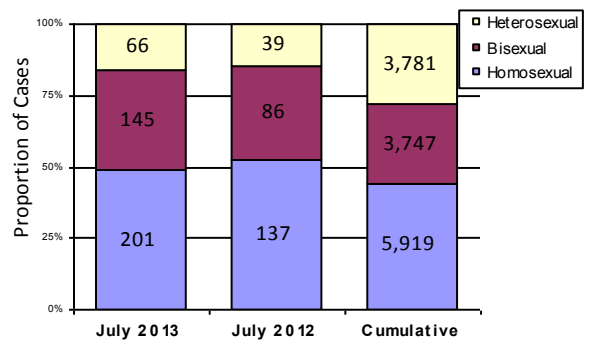
Demographic Data	July 2013	Jan-July 2013	Cumulative 1984-2013
Total Reported Cases	449	2,772	14,474
Asymptomatic Cases	408	2,600	13,133
AIDS Cases	41	172	1,341
Males	433	2,645	12,721*
Females	16	127	1,742*
Youth 15-24yo	116	758	3,572
Children <15yo	1	2	64

\*Note: No data available on sex for (11) cases.

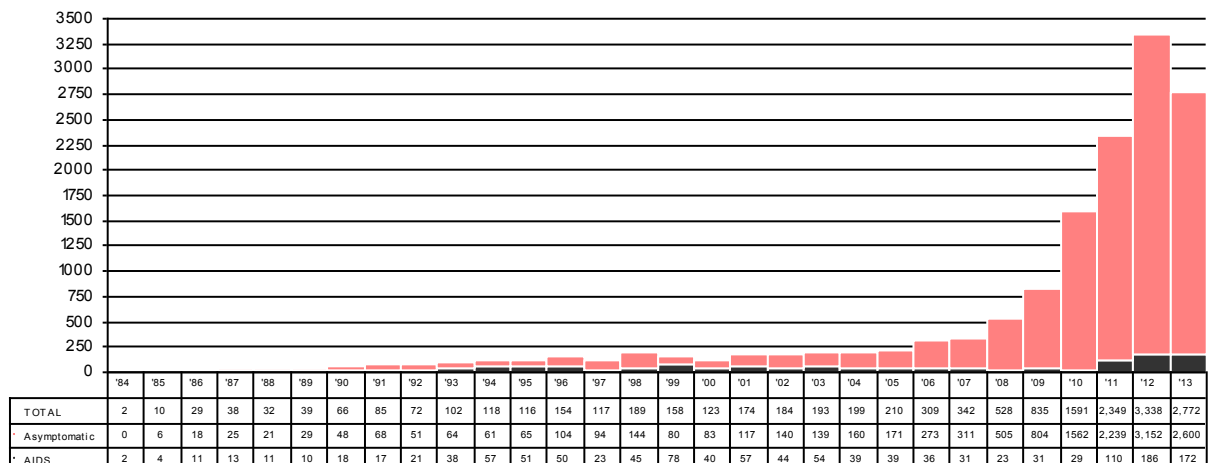
**Figure 1. Number of New HIV Cases per Month (2011-2013)**



**Figure 2. Comparison of the Proportion of Types of Sexual Transmission in 2013, 2012 & Cumulative Data (1984-2013)**



**Figure 3. Number of HIV/AIDS Cases Reported in the Philippines by Year, Jan 1984 to July 2013 (N=14,474)**

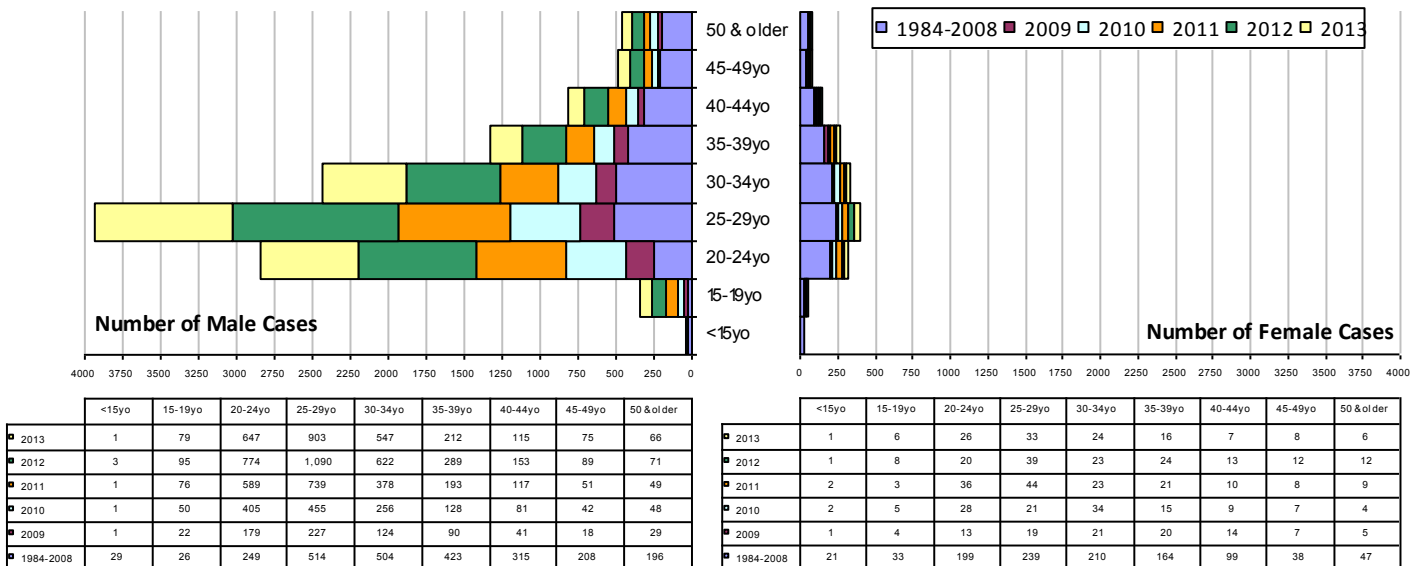


### Demographic Characteristics (1984-2013)

Ninety-five percent of the 2,772 cases in 2013 were male (2,645). Ages ranged from 4 to 79 years old (median 28 years). The 20-29 year old age group had the most (58%) number of cases for 2013. For the male age group, the most number of cases were found among the 20-24 years old (24%), 25-29 years old (34%), and 30-34 years old (21%) [Figure 4].

From 1984 to 2013, there were 14,474 HIV Ab sero-positive cases reported (Table 1), of which 13,133 (91%) were asymptomatic and 1,341 (9%) were AIDS cases. As shown in Figure 4, there is a significant difference in the number of male and female cases reported. Eighty-eight percent (12,721) were male. Ages ranged from 1-81 years (median 29 years). The age groups with the most number of cases were: 20-24 years (22%), 25-29 (30%), and 30-34 years (19%) [Figure 4].

Figure 4. Comparison of the Distribution of Male and Female HIV Cases by Age-Group and Certain Highlighted Years



\*Note: 74 did not report age, 11 did not report sex, 10 did not report age and sex

### Modes of Transmission (1984-2013)

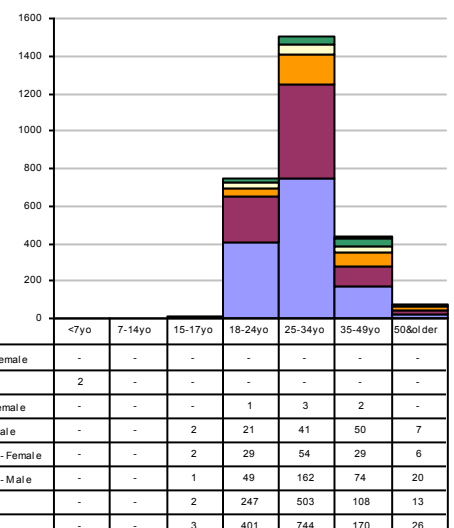
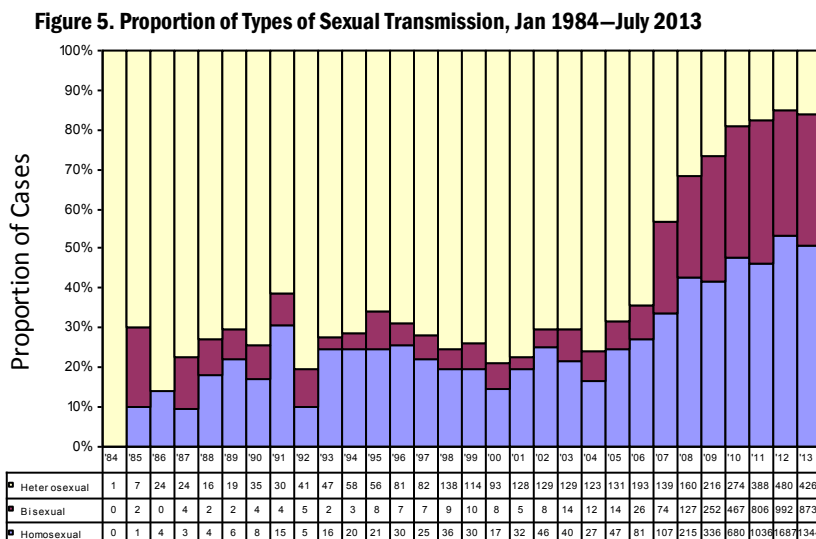
In 2013, ninety-five percent (2,643) were infected through sexual contact, 5% (127) through needle sharing among injecting drug users and <1% (2) through mother to child transmission (Table 3). There were 2,523 male and 120 female infected through sexual transmission. The age range of those infected through sexual transmission was 15-79 years old (median 28 years).

Of the 14,474 HIV positive cases reported from 1984 to 2013, 93% (13,448) were infected through sexual contact, 4% (567) through needle sharing among injecting drug users, <1% (61) through mother-to-child transmission, <1% (20) through blood transfusion and needle prick injury <1% (3) [Table 3]. No data is available for 3% (375) of the cases.

Table 3. Reported Mode of HIV Transmission

Mode of Transmission	July 2013 n=449	Jan-Jul 2013 n=2,772	Cumulative N=14,474
<b>Sexual Contact</b>	<b>412</b>	<b>2,643</b>	<b>13,448</b>
<i>Heterosexual contact</i>	<i>66(16%)</i>	<i>426(16%)</i>	<i>3,782(28%)</i>
<i>Homosexual contact</i>	<i>201(49%)</i>	<i>1,344(51%)</i>	<i>5,919(44%)</i>
<i>Bisexual contact</i>	<i>145(35%)</i>	<i>873(33%)</i>	<i>3,747(28%)</i>
<b>Blood/Blood Products</b>	<b>0</b>	<b>0</b>	<b>20</b>
<b>Injecting Drug Use</b>	<b>36</b>	<b>127</b>	<b>567</b>
<b>Needle Prick Injury</b>	<b>0</b>	<b>0</b>	<b>3</b>
<b>Mother-to-Child</b>	<b>1</b>	<b>2</b>	<b>61</b>
<b>No Data Available</b>	<b>0</b>	<b>0</b>	<b>375</b>

Figure 6. HIV Transmission by Age-Group, 2013 (n=2,772)

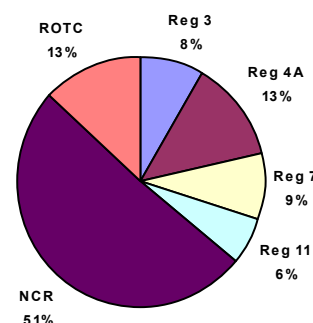


### Geographic Distribution (1984-2013)

Since 1984 to present, there were 14,474 cases reported. More than half (6,737) came from the National Capital Region. [Figure 7]. Thirteen percent (1,704) came from region 4A, followed by 9% (1,172) from Region 7, 8% (1,114) from Region 3, 6% (795) from Region 11 and the rest of the country comprises 13% (1,816) of all the cases.

*\*Note: 1,136 cases had no reported data on their address at the time of diagnosis*

Figure 7. HIV Cases by Region, Jan 1984-July 2013



### AIDS Cases (1984-2013)

Of the 2,772 HIV positive cases in 2013, one hundred seventy-two were reported as AIDS cases. Of these, 163 were male and 9 were female. Ages ranged from 17-59 years (median 31 years). Ninety-eight percent (168) acquired the infection through sexual contact (86 homosexual, 41 bisexual and 41 heterosexual) and 2% (4) through injecting drug use.

From 1984 to 2013, there were 1,341 AIDS cases reported. Seventy-nine percent (1,064) were male. Median age is 34 years (age range: 1-81 years). Sexual contact was the most common mode of HIV transmission, accounting for 95% (1,270) of all reported AIDS cases. Almost half (549) of sexual transmission was through heterosexual contact, followed by homosexual contact (515) then bisexual contact (206).

Other modes of transmission include: mother-to-child transmission (20), injecting drug use (11), blood transfusion (10), and needle prick injuries (2). Two percent (28) of the AIDS cases did not report mode of HIV transmission.

### Overseas Filipino Workers (OFW)

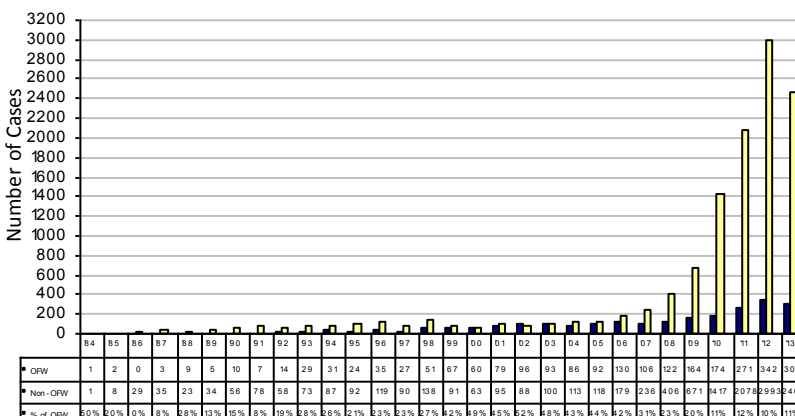
In 2013, there were 309 HIV positive OFWs, comprising 11% of cases reported for the year [Figure 8]. Of these, 280 (91%) were male and 29 (9%) were female. Ninety-nine percent (307) acquired the infection through sexual contact (87 heterosexual, 118 homosexual and 102 bisexual) and 1% (2) through injecting drug use.

There were 2,439 HIV positive OFWs since 1984, comprising 17% of all reported cases [Figure 8]. Eighty percent (1,951) were male. Ages ranged from 18 to 69 years (median 34 years). Sexual contact (97%) was the predominant mode of transmission (Table 4). Eighty-seven percent (2,126) were asymptomatic while 13% (313) were AIDS cases.

Table 4. Mode of HIV Transmission Among OFWs

Mode of Transmission	July 2013 n=51	Jan-July 2013 n=309	Cumulative N=2,439
<b>Sexual Transmission</b>	<b>51</b>	<b>307</b>	<b>2,375</b>
<i>Heterosexual contact</i>	<i>16(31%)</i>	<i>87(28%)</i>	<i>1,293(54%)</i>
<i>Homosexual contact</i>	<i>19(37%)</i>	<i>118(38%)</i>	<i>609(26%)</i>
<i>Bisexual contact</i>	<i>16(31%)</i>	<i>102(33%)</i>	<i>473(20%)</i>
<b>Blood/Blood Products</b>	<b>0</b>	<b>0</b>	<b>10</b>
<b>Injecting Drug Use</b>	<b>0</b>	<b>2</b>	<b>3</b>
<b>Needle Prick Injury</b>	<b>0</b>	<b>0</b>	<b>3</b>
<b>No Data Available</b>	<b>0</b>	<b>0</b>	<b>48</b>

Figure 8. Number of OFWs Compared to Non-OFWs by Year (1984-2013)



### Deaths among People with HIV

From January 1984 to July 2013, there were 814 reported deaths among people with HIV [Table 5]. Seventy seven percent (628) were male. In total, there has been 87 deaths among youth (15-24 years old) and 15 deaths among children (<15 years old).

The annual number of deaths from 1984-2010 ranges from 2 to 36 cases with an average of 14 deaths per year. Beginning 2011, there has been an increase in the number of recorded deaths. There were 69 in 2011, and 177 in 2012. The DOH-NEC established an official reporting form in 2012.

Based on submitted reports, there were a total of 105 deaths from January to July 2013. Ninety four percent (99) were male while 6% (6) were female [Table 5]. The highest number of deaths occurred in the 25-29 (30%) age group [Figure 9]. This was followed by the 30-34 (27%) and the 35-39 (11%) age groups. For the month of July 2013, there were 14 deaths [Table 5].

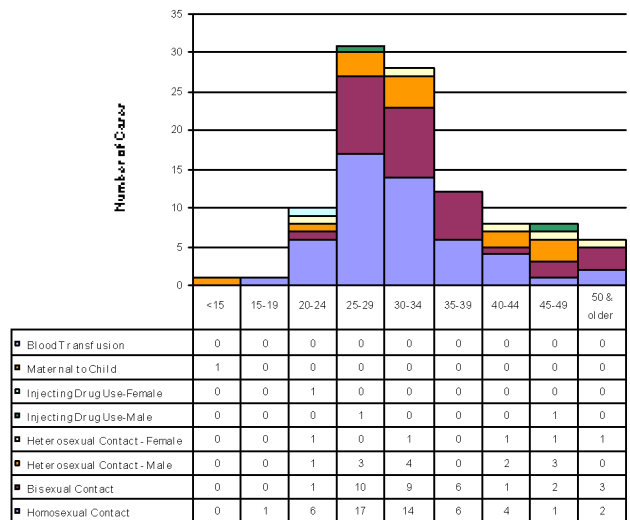
Among the reported deaths in 2013, sexual contact (96%) was the most common mode of HIV transmission (51 homosexual, 32 bisexual, 18 heterosexual). There were three cases who got infected through injecting drug use (3%) and one case from maternal to child transmission (1%) [Figure 9].

Table 5. Demographic data of reported deaths among People with HIV

Demographic Data	July 2013	Jan-Jul 2013	Jan-Dec 2012	Cumulative (1984-2013)
Total Reported Deaths	14	105	177	814
Males	14	99	159	628
Females	0	6	18	186
Youth 15-24yo	3	11	27	87
Children <15yo	0	1	3	15

\*Note: No year of death reported for 44 cases

Figure 9. HIV Transmission by Age-Group of Reported Deaths among People with HIV, Jan-July 2013 (n=105)



### PLHIV on Anti-Retroviral Therapy

As of July 2013, there are 4,508\* People Living with HIV presently on Anti-Retroviral Therapy (ART). These are the combined numbers of adult and pediatric patients currently enrolled and accessing Anti-Retroviral drugs in the 17 treatment hubs listed on the right.

#### Treatment Hubs in the Philippines

1. Ilocos Training and Regional Medical Center
2. Cagayan Valley Medical Center
3. Baguio General Hospital and Medical Center
4. Jose B. Lingad Medical Center
5. James L. Gordon Memorial Hospital
6. Makati Medical Center
7. Philippine General Hospital
8. Research Institute for Tropical Medicine
9. San Lazaro Hospital
10. The Medical City
11. Bicol Regional Training and Teaching Hospital
12. Corazon Locsin Montelibano Memorial Regional Hospital
13. Western Visayas Medical Center
14. Gov. Celestino Gallares Memorial Hospital
15. Vicente Sotto Memorial Medical Center
16. Zamboanga City Medical Center
17. Southern Philippines Medical Center

\* This is not a cumulative number. It does not include those who already have died, left the country, or decided to stop taking ART.

### Blood Units Confirmed for HIV

As of July 2013, 174 blood units were confirmed positive for HIV by RITM. There is no available data yet on the total number of blood units donated.

These are confirmed positive blood units, not blood donors. One donor can donate more than one blood unit. HIV positive blood donors may not be in the HIV & AIDS Registry unless they underwent voluntary counseling and testing as individuals.

Table 6. Number of Confirmed HIV Positive Blood Units

Month	2013
January	22
February	21
March	28
April	30
July	22
June	23
July	28
August	
September	
October	
November	
December	
Total	174



National HIV/AIDS & STI Strategic Information and Surveillance Unit

National Epidemiology Center, Department of Health, Bldg. 19, San Lazaro Compound, Sta. Cruz, Manila 1003 Philippines

Tel: +632 651-7800 local 2926, 2952  
 Fax: +632 495-0513  
 Email: HIVepicenter@gmail.com  
 Website: http://www.doh.gov.ph

#### Philippine HIV & AIDS Registry Report Editorial Team:

*Patricia Gayayon*  
 Patricia Isabel T. Gayayon, RN, MScPH  
 HIV Surveillance Assistant, HIV Unit

*Rosemarie*  
 Kristelle Anne G. Rosogallo, BSW  
 Asst. HIV Surveillance Officer, HIV Unit

*Noel S. Pineda*  
 Noel S. Pineda, RN, MGM-ESP  
 HIV Surveillance Officer, HIV Unit

*Enrique A. Torres*  
 Enrique A. Torres, MD, PHSAE  
 Chief, SSIU, NEC

*Enrique A. Torres*  
 Enrique A. Torres, MD, PHSAE, FSCID, CESO III  
 Director IV, NEC

#### Philippine HIV & AIDS Registry

The Philippine HIV & AIDS Registry is the official record of the total number of laboratory-confirmed HIV positive individuals, AIDS cases and deaths, and HIV positive blood units in the Philippines. All individuals in the registry are confirmed by the STD/AIDS Cooperative Central Laboratory (SACCL) at San Lazaro Hospital. While all blood units are confirmed by the Research Institute for Tropical Medicine (RITM). Both are National Reference Laboratories (NRL) of the Department of Health (DOH).

Mandatory HIV testing is unlawful in the Philippines (RA 8504). The process of reporting to the Registry is as follows: All blood samples from accredited HIV testing facilities that are screened HIV reactive are sent to SACCL (individuals) or RITM (blood units) for confirmation. Confirmed HIV positive individuals and blood units are reported to the DOH-National Epidemiology Center (NEC), and are recorded in the Registry.

The Registry is a passive surveillance system. Except for HIV confirmation by the NRL, all other data submitted to the Registry are secondary and cannot be verified. An example would be an individual's reported place of residence. The Registry is unable to determine if this reported address is where the person got infected, or where the person lived after being infected, or where the person is presently living, or whether the address is valid. This limitation has major implications to data interpretation. Thus, readers are cautioned to carefully weigh the data and consider other sources of information prior to arriving at conclusions.