

Epidemiology Bureau

Number of Newly Diagnosed with HIV per day:

NEWLY DIAGNOSED HIV CASES IN THE PHILIPPINES

Table 1. Quick Facts

Demographic Data	February 2016	Jan-Feb 2016	Jan 2011 - Feb 2016	Cumulative Jan1984 - Feb 2016
Total Reported Cases	751	1,555	25,896	31,911
Asymptomatic Cases	635	1,345	24,006	29,149
AIDS Cases	116	210	1,890	2,762
Male	724	1,500	24,728	29,425ª
Female	27	55	1,168	2,475ª
Age Range (Median)	1-66 (27)	1-66 (28)	1-82 (28)	1-82 (28)
Less than 15 y/o	2	2	36	91 ^b
15-24 у/о	218	440	7,321	8,534 ^b
25-34 y/o	401	824	13,665	16,289 ^b
35-49 у/о	119	264	4,273	5,993 ^b
50 y/o & above	11	25	601	930 ^b
Pregnant WLHIV	6			
Newly Started on ART	528			
Total PLHIV on ART				12,873
Reported Deaths	55	119		1,649

No data available on age for (74) cases

Figure 1. Number of New HIV Cases by Month (2014-2016)



In February 2016, there were 751 new HIV Ab sero-positive individuals (Table 1). This was 16% higher compared to the same period last year (646) [Figure 1]. Eightyfive percent of the cases were asymptomatic at the time of reporting (Figure 3).

2008

1

2010

2012

Most (96%) were male. The median age was 27 years old (age range: 1 year-66 years). More than half belong to the 25-34 year age group while 29% were youth aged 15-24 years.

Region % NCR 39% 4A 17% 7 13% 3 9% 8% 11 6 2% NIR* 2% 2% 12 1 2%

Figure 2. Percentage of Newly Diagnosed Cases

2014

17

per Region (February 2016)



The regions with the highest number of

* Negros Island Region (Executive Order No. 183)

reported cases for February 2016 were: National Capital Region (NCR) with 295 (39%) cases, Region 4A with 124 (17%) cases, Region 7 with 100 (13%) cases, Region 3 with 65 (9%) cases, and Region 11 with 58 (8%) cases. One hundred nine (15%) cases came from the rest of the country (Figure 2).

Reported modes of transmission (MOT) were sexual contact (711), needle sharing among injecting drug users (IDU) [38] and mother-to-child transmission (2). Eighty-seven percent of those transmitted through sexual contact were among males who have sex with males (MSM^a).

^amale-male sex and sex with both males & females

Figure 3. Number of HIV Cases Reported in the Philippines by Year, January 1984 to February 2016 (N=31,911)



2016

26

Oct Nov

304 297

334 290

363 387

448 353

PLHIV on Anti-Retroviral Therapy (ART)

In February 2016, there were 528 People Living with HIV (PLHIV) who were newly -initiated on ART. This was 35% higher than the same period last year (n=390) [Figure 4]. The median CD4 of these patients upon enrollment was 112 cells/mm³.

A total of 12,873* PLHIV were presently on ART as of February 2016. Most (96%) were males. The median age of patients was 31 years (range: 10 months-86 years). Ninety-six percent were on first line regimen and 3% were on second line regimen.

*Note: This is the total number of adult and pediatric patients currently enrolled and accessing antiretroviral drugs (ARV) in the 40 treatment hubs and satellites. It does not include patients who were previously taking ARV but have already died, have left the country, have been lost to follow up, or opted not to take ARV anymore. The "lost to follow up" criteria was also moved to 3 months after date of next pick up from the previous 6

HIV/AIDS EPIDEMIC TRENDS IN THE PHILIPPINES (January 1984—February 2016)

2005

2002 1999

1996 1993

1990 1987 1984

0%

1.0%

20%

30%

40%

The first case of HIV infection in the Philippines was reported in 1984. From January 1984 to February 2016, there has been 31,911 HIV Ab sero-positive cases reported to the HARP (Table 1). Ninety-one percent (29,149) of the total reported cases were asymptomatic at the time of reporting. Ninety-two percent (29,425) were male and 2,475 were female*. The median age* was 28 years old (age range: 1 year- 82 years). More than half (16,289 or 51%) were from the 25-34 year age group while 8,534 (27%) were youth aged 15-24 years (Figure 5).

Eighty-one percent (25,896) of all the 31,911 diagnosed cases in the Philippines were reported in the past five years, from January 2011 to February 2016 (Table 1). Most (93%) of these cases were still asymptomatic at the time of reporting.

*Note: From 1984—February 2016, 74 did not report AGE, 11 did not report SEX while 11 did not report both AGE and SEX

In the early years of the epidemic (1984-1990), 62% (133 of 216 cases) were female. Beginning in 1991, more males were reported to be infected with HIV in the Philippines (Figure 6). From 2011 to 2016, males comprised 95% (24,728) of the reported 25,896 cases.

Apr | May

295

257 245

363 390 448 378 439

lun

300 273 318 280

490 489 401

Aug Sep

Figure 4. Number of Newly-Initiated on ART by Month (2014-2016)

600

500

400 300

200

100

2014

2015

0 lan Feh Mar

235

2016 461 528

The age group with the biggest proportion of cases has become younger: from 2001 to 2005, it was 35-49 years; from 2006 to 2010, it was 25-34 years; and from 2011 to 2016, it was 20-29 years (Figure 5). Notably, the proportion of People Living with HIV (PLHIV) in the 15-24 year age group increased from 25% in 2006-2010 to 28% in 2011-2016.



Figure 5. Distribution of PLHIV by Age Group, January 1984-February 2016

Table 2. Percentage of HIV Cases per Region

50%

Female Male

Region	February 2016 (N=751)	Jan-Feb 2016 (N=1,555)	Jan 2011 - Feb 2016 (N=25,896) [#]	Cumulative Jan1984– Feb 2016 (N=31,911) b
NCR	295 (39%)	665 (43%)	11,371 (44%)	13,818 (43%)
4A	124 (17%)	254 (16%)	3,774 (15%)	4,383 (14%)
7	100 (13%)	171 (11%)	2,432 (9%)	2,811 (9%)
3	65 (9%)	125 (8%)	2,082 (8%)	2,625 (8%)
11	58 (8%)	94 (6%)	1,649 (6%)	1,871 (6%)
ROTC	109 (15%)	246 (16%)	4,529 (17%)	5,257(16%)

70%

80%

Geographical Distribution

From January 1984 to February 2016, the regions with the most number of reported cases were NCR with 13,818 (43%) cases, Region 4A with 4,383 (14%) cases, Region 7 with 2,811 (9%) cases, Region 3 with 2,625 (8%) cases, and Region 11 with 1,871 (6%) cases. Sixteen percent (5,257) of the cases came from the rest of the country (ROTC) while 1,146 (4%) had no data on region (Table 2).

Of the 2,475 females reported with HIV, 614 (25%) were from NCR, 432 (17%) were from Region 3, 256 (10%) were from Region 7, 220 (9%) were from Region 4A and 953 (39%) were from other regions.

The regions with the most number of Overseas Filipino Workers (OFW) reported to the HARP were NCR with 1,468 cases, Region 4A with 681 cases, Region 3 with 418 cases, and Region 7 with 165 cases.

From January 2011-February 2016, no particular region were reported for 59 cases From January 1984-February 2016, no particular region were reported for 1,146 cases



100%

90%

Table 3. Reported Modes of HIV Transmission

Mode of Transmission	February 2016 (N=751)		Jan-Feb 2016 (N=1,555)		Jan 2011-Feb 2016 (N=25,896)		Cumulative Jan1984–Feb 2016 (N=31,911)ª	
	м	F	м	F	м	F	м	F
Sexual Contact	686	25	1,429	53	23,516	1,084	27,759	2,257
Male-Female Sex ^b	67	25	126	53	2,616	1,084	3,931	2,257
Male-Male Sex ^c	358	0	789	0	12,636	0	14,488	0
Sex with Males & Females ^d	261	0	514	0	8,264	0	9,340	0
Blood/Blood Products	0	0	0	0	0	1	5	15
Sharing of Infected Needles	37	1	70	1	1,188	68	1,325	86
Needle Prick Injury	0	0	0	0	0	0	2	1
Mother-to-Child	1	1	1	1	19	15	47	39
No Data Available	0	0	0	0	5	0	287	77

^aFrom January 1984—February 2016 11 did not report sex

Modes of Transmission (MOT)

From January 1984 to February 2016, MSM was the predominant (23,828 or 81%) mode of transmission among males, followed by male-female sex (3,931 or 13%), and sharing of infected needles (1,325 or 4%) [Table 3]. More than half (12,783 or 54%) of cases among MSM belong to the 25-34 year age group while 7,029 (30%) were youth 15-24 years old. Among females, male-female sex was the most common MOT (2,257 or 91%) followed by sharing of infected needles (86 or 3%). A total of 80 children (less than 10 years old) and 6 adolescents were reported to have acquired HIV through mother-to-child transmission (Table 3).

From January 2011 to February 2016, 85% (20,900) of infections through sexual contact were among MSM. From 2006 to 2010,

MSM comprised 71% (2,365) of sexual transmissions. Fifty-four percent (11,341) of the MSM cases from 2011 to 2016 were among the 25-34 years age group while 6,288 (30%) were among youth aged 15-24 years. Meanwhile, cases among IDU also increased from <1% in 2005 to 2009 to 5% within the past five years. The increase started in 2010 and transmission through sharing of infected needles constituted 9% (147) of the total cases for that year.

Different modes of transmission are predominant in different regions. Almost half (49%) of the MSM ever reported were from NCR; 99% of the IDU were from Region 7; and 45% of females who engaged in transactional sex were from Region 3.

Figure 7. Cumulative Number of HIV Transmission by Year, January 1984-February 2016 (N=31,911)



REPORT ON SPECIAL POPULATIONS

Youth (15-24 years old)

In February 2016, 218 (29%) cases were among youth aged 15-24 years. Most (94%) were male. Ninety-nine percent (215) were infected through sexual contact (26 male-female sex, 118 male-male sex, 71 sex with both males & females) and 3 (1%) through needle sharing among IDU.

From January 1984–February 2016, 8,534 (27%) of the reported cases were 15-24 years old. Eighty-six percent (7,321) of all the youth were reported in the last five years (2011-2016). A steep increase in cases among youth was seen in 2008, wherein the total number of cases (111) is 171% higher than that in 2007 (41). From 1984 to 2002, more than half of the cases among the youth were females (179 or 71%). However, in 2003, there was an equal number of males and females reported. Since then, the trend reversed to male predominance. Ninety-five percent (8,090) were infected through sexual contact (1,061 male-female sex, 4,403 male-male sex, 2,626 sex with both males & females); and 384 were infected through sharing of infected needles among IDU.

REPORT ON SPECIAL POPULATIONS (continuation)

Children (<10 years old) and Adolescents (10-19 years old)

In February 2016, 31 adolescents aged 16-19 years and 2 children were reported to HARP. Among the adolescents, 30 were infected through sexual contact (3 male-female sex, 16 male-male sex, 11 sex with both males & females).

From January 1984 to February 2016, 1,089 (3%) of the reported cases were 19 years old and below. Of these, 83 (8%) were children. Eighty-two percent (894) of these children and adolescents were reported from 2011-2016. Eighty children were infected through mother-to-child transmission, 1 through blood transfusion and 2 had no specified MOT. Among the adolescents, 907 (90%) were male. Majority (90%) were infected through sexual contact (126 male-female sex, 541 male-male sex, 243 sex with both males & females), 83 (8%) were infected through sharing of infected needles and 6 (1%) through mother-to-child transmission (Figure 8).

Overseas Filipino Workers (OFW)



Figure 8. Modes of Transmission Among Children and Adolescents,

Jan 1984- Feb 2016 (N=1,089)

Note: 9 with no MOT reported

Sixty-three OFWs were reported to the HARP in February 2016, comprising 8% of the total newly diagnosed cases for the month (Figure 9). Ninety-two percent (58) were male. All were infected through sexual contact (9 male-female sex, 28 male-male sex, 26 sex with both males & females) [Figure 10]. The ages of male OFWs ranged from 19 years-57 years (median: 30 years) and 66% belonged to the 25-34 year age group. Among the female OFWs, the ages were 27 years-53 years (median: 33 years) and 3 were in the 25-34 year age group.

From January 1984 to February 2016, out of the 31,911 cases, 4,069 (13%) were HIV positive OFWs. Of these, 3,406 (84%) were male. More than half (2,232) were MSM (1,249 male-male sex and 983 sex with both males & females). The ages of male OFWs ranged from 16 years-80 years (median: 33 years). Among female OFWs, ages ranged from 20 years-73 years (median: 34 years old).

Figure 9. Number of Reported OFW diagnosed with HIV, Jan 1984-Feb 2016 (N=4,069)



Figure 10. Modes of Transmission among OFW, Jan 1984–Feb 2016



People who Engage in Transactional Sex

People who engage in transactional sex are those who report that they pay for sex, regularly accept payment for sex or do both.

In February 2016, 10% (76) of the reported cases engaged in transactional sex. Most (93%) were male (Table 4) whose ages ranged from 16 years-56 years (median: 30 years) while 5 were female whose ages ranged from 20 years-34 years (median: 23 years). Forty-five percent (32) of males who engaged in transactional sex were the ones who paid for sex while 3 of the females engaged in both.

A total of 2,697 cases reported in HARP from December 2012 to February 2016 were people who engaged in transactional sex. Ninety-six percent (2,580) were male. Of the 2,697 cases, 1,471 (55%) paid for sex, 794 (29%) accepted payment for sex, and 432 (16%) engaged in both.

Table 4. HIV Cases Among People who Engage in Transactional Sex

Type of Transactional Sex	February 2016 (N=76)	Jan-Feb 2016 (N=160)	Cumulative Dec 2012-Feb 2010 (N=2,697)	
Accepted payment for sex only:	23 (30%)	49 (31%)	794 (29%)	
Male	22	46	730	
Female	1	3	64	
Age Range (Median) in Years	16-41 (27)	16-50 (25)	15-67 (25)	
Paid for sex only:	33 (43%)	76 (48%)	1,471 (55%)	
Male	32	75	1,461	
Female	1	1	10	
Age Range (Median) in Years	20-56 (32)	20-56 (32)	16-79 (31)	
Engaged in both:	20 (26%)	35 (22%)	432 (16%)	
Male	17	29	389	
Female	3	6	43	
Age Range (Median) in Years	16-51 (28)	16-51 (26)	16-59 (28)	

Note: Inclusion of transactional sex in the HARP database was initiated in December 2012

DEATHS AMONG PEOPLE WITH HIV

The Department of Health (DOH) established a separate reporting mechanism for deaths in 2012. Prior to this, deaths were infrequently reported to the HIV/AIDS Registry. It is likely that the number reflected here is an underestimate of the total number of deaths among people with HIV in the Philippines.

For the month of February 2016, there were 55 reported deaths. Ninety six percent (53) were male while 2 were female (Table 5). Twenty-five (45%) of the reported deaths belong to the 25-34 year age group, 16 were in the 35-49 year age group, while 13 were youth aged 15-24 years old. All were infected through sexual contact (6 male-female sex, 34 male-male sex, 15 sex with both males & females). [Figure 11].

A total of 1,649 deaths were reported from January 1984 to February 2016. Eighty-seven percent (1,430) were male (Table 5). Of the reported deaths, 13 (1%) were children less than 10 years old and 18 (1%) were adolescents aged 10-19 years old. Almost half (769 or 46%) belong to 25-34 year age group, 497 (30%) were in 35-49 year age group, while 223 (14%) were youth aged 15-24 years old.

Sexual contact (95%) was the most common mode of HIV transmission (444 male-female sex, male-male sex, 397 sex with both males & 725 females). There were 39 reported deaths among IDU (Figure 11).

Table 5. Demographic data of reported deaths among PHIV

Demographic Data	February 2016	Jan-Feb 2016	Cumulative* Jan 1984- Feb 2016
Total Reported Deaths	55*	119	1,649
Male	53	113	1,430
Female	2	6	219
Children <10yo	0	0	13
Adolescents 10-19yo	2	3	18
Youth 15-24yo	13	25	223

Figure 11. Modes of transmission of reported deaths among PHIV**



*Note: This includes deaths from July 2015-January 2016 reported on February 2016.

BLOOD UNITS CONFIRMED FOR HIV

In February 2016, 25 blood units were confirmed positive for HIV by Research Institute for Tropical Medicine. There is no available data yet on the total number of blood units donated.

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



HIV/AIDS & ART Registry of the Philippines (HARP) Report HIV/AIDS & ART Registry of the Philippines (HARP) **Editorial Team** Bettina Kaye D. Castañeda, RN National HIV/AIDS & The Philippine HIV/AIDS & ART Registry of the Philippines (HARP) is the official record of the Ariello G Art STI Surveillance and total number of laboratory-confirmed HIV positive individuals, AIDS cases and deaths, and eillance Office Asst. HIV Š Patricia isabel G. Amita HIV positive blood units in the Philippines. All individuals in the registry are confirmed by Strategic the STD/AIDS Cooperative Central Laboratory (SACCL) at San Lazaro Hospital. While all Information Unit RN, MSPH blood units are confirmed by the Research Institute for Tropical Medicine (RITM). Both are HIV Officer National Reference Laboratories (NRL) of the Department of Health (DOH). p Zapanta, RN, PHSAE Marle e R. Bermelo, MD Ma. Justin Mandatory HIV testing is unlawful in the Philippines (RA 8504). The process of reporting to HIV Surv HIV Surveillance Office Supervisor the HARP 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-Noel S. Palavo n, RN, MGM-ESP Epidemiology Bureau (EB), and are recorded in the HARP. Deputy Manager, MIV Uni The HARP is a passive surveillance system. Except for HIV confirmation by the NRL, all other

data submitted to the HARP are secondary and cannot be verified. An example would be ar individual's reported place of residence. The HARP 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

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HIV/AIDS & ART REGISTRY OF THE PHILIPPINES

FEBRUARY 2016

RITM Satellite Clinic - Mandaluyong (ANGLO)

Taguig Social Hygiene Clinic

Valenzuela Social Hygiene Clinic

Regions	Treatment Hubs	Address	Contact Information
1	llocos Training and Regional Medical Center	Parian, San Fernando City, La Union	(072) 607-6418 (072) 607-6422 Loc. 153 (Physician)
2	Cagayan Valley Medical Center	Dalan na Pagayaya, Carig Sur, Tuguegarao, Cagayan	(078) 304-1410 (078) 304-1810
	Jose B. Lingad Memorial Regional Hospital / Bahay Lingad	Brgy. San Dolores, San Fernando, Pampanga	(045) 435-68-01 09336215028
3	James L. Gordon Memorial Hospital / L.E.A.D. Shelter	#1 New Asinan, Olongapo City	476023436
	Bataan General Hospital	Manahan St. Brgy Tenejero, Balanga City	(047) 2371275 loc. 102/103
	Laguna Medical Center	J. De Leon St, Santa Cruz, Laguna	(049) 543-3351
4A	Batangas Medical Center	Kumintang Ibaba, Batangas City	(043) 7230911
4B	Ospital ng Palawan	220 Malvas St. Puerto Prinsesa City	09175777518/091779712/0927292552 09266724770
5	Bicol Regional Training and Teaching Hospital	Rizal St., Legazpi City	(052) 4830014 loc. 4277
6	Western Visayas Medical Center	Q. Abeto St., Mandurriao, Iloilo City	(033) 3211631
	Vicente Sotto Memorial Medical Center	B. Rodriguez St., Cebu City	(032) 2544155 / 09331336163
7	Gov. Celestino Gallares Memorial Hospital	M. Parras St., Tagbilaran City	(038) 9226862103
8	Eastern Visayas Regional Medical Center	Magsaysay Boulevard, Tacloban City	09194893367 / 09273120143
9	Zamboanga City Medical Center	Dr. Evangelista St., Sta. Catalina, Zamboanga City	09177187913 / 09053170753 / 09778092277
10	Northern Mindanao Medical Center	Provincial Capitol Compound Cagayan de Oro City	(082) 727535 / 723735 / 726362 / 8564147
11	Southern Philippines Medical Center	J. P. Laurel St., Bajada, Davao City	(082) 2272731 loc. 5041 / 3217061
CAR	Baguio General Hospital and Medical Center	Gov. Pack Rd., Baguio City	(074) 442-4216 loc 381
CARAGA	CARAGA Regional Hospital	Rizal St. National Road, Surigao City	(086)8260568 / 09173068186
	Butuan Medical Center	Km 5 Baan, Butuan City	
	San Lazaro Hospital	Quiricada St., Sta. Cruz, Manila	7323106 loc. 215/ 212 / 115 310-3128
	Philippine General Hospital	Taft Ave., Manila	5548400 loc. 3249
NCR	Research Institute for Tropical Medicine	Filinvest Corporate City, Alabang, Muntinlupa City	8072628 loc. 332
	The Medical City / I-REACT Clinic	Ortigas Ave., Pasig City	(02) 9581000 loc. 6765
	Makati Medical Center	#2 Amorsolo St., Legaspi Village, Makati City	8888999 loc. 2134 (CTTM) / 09178014314
NIR	Corazon Locsin Montelibano Memorial Regional Hospital	HACT office 2nd flr. OPD bldg. CLMMRH Cor. Burgos, Lacson St. Bacolod City	(034)707-2280 09123651864
Regions	Satellite Treatment Hubs	Address	Contact Information
Regions	Antipolo Social Hygiene Clinic	Muless M. Santos St., Brgy. San Roque, Antipolo City	(02) 696-40-97
4A	Dasmariñas Social Hygiene Clinic	Zone 2, Manggubat St., City Health Office I, Dasmariñas, Cavite	(046) 416-0279
6	Dr. Rafael Tumbokon Memorial Hospital—Kalibo, Aklan	Mabini St, Kalibo, Aklan	09177902168 (036) 268-6299
7	Cebu Social Hygiene Clinic	General Maxilom Ave., Ext., Carreta, Cebu City	(032) 233-0987
	General Santos Social Hygiene Clinic	City Health Office, Fernandez St., Lagao, General Santos City	(083) 552-2805
12	South Cotabato Provincial Hospital Koronadal City, South Cotabato		
	Klinika Bernardo—Quezon City	Ermin Garcia St., Brgy. Pinagkaisahan, Quezon City	09324033412
	Las Piñas Social Hygiene Clinic	Barrio Hall, Alabang-Zapote Road, Almansa, Las Piñas City	(02) 800-6406
	Manila Social Hygiene Clinic	208 Quiricada St., Sta. Cruz, Manila	(02) 711-6942
	Mandaluyong Social Hygiene Clinic	20 M. Lerma St. cor. Vicencio St, Mandaluyong City	(02) 546-7799
	Marikina City Satellite Treatment Hub	Shoe Ave., Sto. Niño, Marikina City	(02) 942-0831
NCR	Muntinlupa Social Hygiene Clinic	2nd Floor, Putatan Health Center, National Road, Putatan, Muntinlupa City	(02) 834-5997
	Pasig Social Hygiene Clinic	Rm. 5, 5/F City Hall Bldg., Caruncho Ave., San Nicolas, Pasig City	(02) 643-1111 loc. 393

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