

Puerto Rico HIV/AIDS Surveillance Summary

Cumulative HIV/AIDS Cases Diagnosed as of October 31, 2014

Table 1. Number of cases and deaths^a by diagnostic status and age category

| Diagnostic status | Adults or adolescents | | | | Children (<13 yrs) | | | | Total | | | |
|--------------------------|-----------------------|------------|--------------|-----------|--------------------|------------|------------|-----------|--------------|------------|--------------|-----------|
| | No. | % | Deaths | % | No. | % | Deaths | % | No. | % | Deaths | % |
| HIV infection (not AIDS) | 9736 | 21 | 1351 | 14 | 115 | 18 | 5 | 4 | 9851 | 21 | 1356 | 14 |
| AIDS - Immunologic | 11338 | 25 | 5090 | 45 | 95 | 15 | 12 | 13 | 11433 | 25 | 5102 | 45 |
| AIDS - All others | 24797 | 54 | 19543 | 79 | 442 | 68 | 295 | 67 | 25239 | 54 | 19838 | 79 |
| Total | 45871 | 100 | 25984 | 57 | 652 | 100 | 312 | 48 | 46523 | 100 | 26296 | 57 |

Table 2. Number of cases by age at diagnosis and sex^b

| Age at diagnosis (yrs) | Male | | Female | | Total | |
|------------------------|--------------|------------|--------------|------------|--------------|------------|
| | No. | % | No. | % | No. | % |
| <13 | 336 | 1 | 316 | 3 | 652 | 1 |
| 13-14 | 29 | 0 | 27 | 0 | 56 | 0 |
| 15-24 | 3018 | 9 | 1602 | 13 | 4620 | 10 |
| 25-34 | 12051 | 35 | 4310 | 35 | 16361 | 35 |
| 35-44 | 11360 | 33 | 3456 | 28 | 14816 | 32 |
| 45-54 | 5014 | 15 | 1613 | 13 | 6627 | 14 |
| 55-64 | 1771 | 5 | 615 | 5 | 2386 | 5 |
| >=65 | 790 | 2 | 215 | 2 | 1005 | 2 |
| Total | 34369 | 100 | 12154 | 100 | 46523 | 100 |

Table 3. Number of cases by race/ethnicity^c and age category

| Race/ethnicity | Adults or adolescents | | Children (<13 yrs) | | Total | |
|--|-----------------------|------------|--------------------|------------|--------------|------------|
| | No. | % | No. | % | No. | % |
| Hispanic, All races | 45773 | 100 | 648 | 99 | 46421 | 100 |
| Not Hispanic, American Indian/Alaska Native | 1 | 0 | 0 | 0 | 1 | 0 |
| Not Hispanic, Asian | 3 | 0 | 0 | 0 | 3 | 0 |
| Not Hispanic, Black or African American | 29 | 0 | 3 | 0 | 32 | 0 |
| Not Hispanic, Native Hawaiian/Pacific Islander | 1 | 0 | 0 | 0 | 1 | 0 |
| Not Hispanic, White | 63 | 0 | 1 | 0 | 64 | 0 |
| Not Hispanic, Legacy Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0 | 0 |
| Not Hispanic, Multi-race | 0 | 0 | 0 | 0 | 0 | 0 |
| Unknown | 1 | 0 | 0 | 0 | 1 | 0 |
| Total | 45871 | 100 | 652 | 100 | 46523 | 100 |

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^aDeaths among persons diagnosed in the selected time period.

^bData exclude (0) persons with missing or unknown sex.

^cData exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

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Table 4a. Number of cases among adults or adolescents by transmission category and sex^d

| Transmission category | Male | | Female | | Total | |
|---|--------------|------------|--------------|------------|--------------|------------|
| | No. | % | No. | % | No. | % |
| Male-to-male sexual contact | 8495 | 25 | 0 | 0 | 8495 | 19 |
| Injection drug use | 16414 | 48 | 3666 | 31 | 20080 | 44 |
| Male-to-male sexual contact and injection drug use | 2824 | 8 | 0 | 0 | 2824 | 6 |
| Hemophilia/coagulation disorder | 54 | 0 | 7 | 0 | 61 | 0 |
| Heterosexual contact | 5487 | 16 | 7754 | 66 | 13241 | 29 |
| Receipt of blood, components, or tissue | 77 | 0 | 91 | 1 | 168 | 0 |
| Perinatal exposure, HIV diagnosed \geq 13 years old | 9 | 0 | 6 | 0 | 15 | 0 |
| Other risk factor reported | 0 | 0 | 0 | 0 | 0 | 0 |
| No identified risk factor (NIR) ⁱ | 361 | 1 | 168 | 1 | 529 | 1 |
| No risk factor reported (NRR) ^g | 310 | 1 | 144 | 1 | 454 | 1 |
| Total | 34031 | 100 | 11836 | 100 | 45867 | 100 |

Table 4b. Number of cases among children <13 years by transmission category and sex^e

| Transmission category | Male | | Female | | Total | |
|--|------------|------------|------------|------------|------------|------------|
| | No. | % | No. | % | No. | % |
| Hemophilia/coagulation disorder | 8 | 2 | 1 | 0 | 9 | 1 |
| Mother with/at risk for HIV infection | 286 | 85 | 279 | 88 | 565 | 87 |
| Receipt of blood, components, or tissue | 7 | 2 | 5 | 2 | 12 | 2 |
| Other risk factor reported | 0 | 0 | 0 | 0 | 0 | 0 |
| No identified risk factor (NIR) ⁱ | 21 | 6 | 28 | 9 | 49 | 8 |
| No risk factor reported (NRR) ^g | 14 | 4 | 3 | 1 | 17 | 3 |
| Total | 336 | 100 | 316 | 100 | 652 | 100 |

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^dData exclude (0) adults or adolescents with unknown or missing sex.

^eData exclude (0) children <13 years with unknown or missing sex.

ⁱNIR: After one year, or after investigation, no risk factor identified.

^gNRR: No risk factor reported at the time of initial report.

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Table 5. Number of cases, deaths^h and case fatality rates by time of diagnosis

| Time of diagnosis | No. | Deaths | Case fatality rate % |
|-------------------|--------------|--------------|----------------------|
| Before 1985 | 224 | 201 | 90 |
| 1985 | 508 | 428 | 84 |
| 1986 | 813 | 697 | 86 |
| 1987 | 1468 | 1264 | 86 |
| 1988 | 2014 | 1751 | 87 |
| 1989 | 2353 | 1990 | 85 |
| 1990 | 2856 | 2333 | 82 |
| 1991 | 2959 | 2326 | 79 |
| 1992 | 3004 | 2284 | 76 |
| 1993 | 2882 | 2129 | 74 |
| 1994 | 2645 | 1800 | 68 |
| 1995 | 2400 | 1531 | 64 |
| 1996 | 2051 | 1186 | 58 |
| 1997 | 1715 | 891 | 52 |
| 1998 | 1624 | 760 | 47 |
| 1999 | 1538 | 682 | 44 |
| 2000 | 1533 | 665 | 43 |
| 2001 | 1379 | 570 | 41 |
| 2002 | 1418 | 497 | 35 |
| 2003 | 1333 | 428 | 32 |
| 2004 | 1201 | 379 | 32 |
| 2005 | 1274 | 368 | 29 |
| 2006 | 1152 | 284 | 25 |
| 2007 | 1020 | 212 | 21 |
| 2008 | 986 | 189 | 19 |
| 2009 | 858 | 154 | 18 |
| 2010 | 794 | 110 | 14 |
| 2011 | 737 | 83 | 11 |
| 2012 | 736 | 66 | 9 |
| 2013 | 659 | 37 | 6 |
| 2014 | 389 | 1 | 0 |
| Total | 46523 | 26296 | 57 |

Note. Data include cases with a diagnosis of HIV infection, a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnoses of HIV infection and AIDS.

Note. Data exclude cases missing age at diagnosis.

^hDeaths among persons diagnosed in the selected time period.

HIV/AIDS Surveillance Program
Office of Epidemiology and Research, Puerto Rico Health Department
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