

Puerto Rico HIV/AIDS Surveillance Summary

Cumulative HIV/AIDS Cases Diagnosed as of December 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) | 9785 | 21 | 1402 | 14 | 115 | 18 | 5 | 4 | 9900 | 21 | 1407 | 14 |
| AIDS - Immunologic | 11392 | 25 | 5157 | 45 | 94 | 14 | 12 | 13 | 11486 | 25 | 5169 | 45 |
| AIDS - All others | 24851 | 54 | 19641 | 79 | 445 | 68 | 296 | 67 | 25296 | 54 | 19937 | 79 |
| Total | 46028 | 100 | 26200 | 57 | 654 | 100 | 313 | 48 | 46682 | 100 | 26513 | 57 |

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

| Age at diagnosis (yrs) | Male | | Female | | Total | |
|------------------------|--------------|------------|--------------|------------|--------------|------------|
| | No. | % | No. | % | No. | % |
| <13 | 337 | 1 | 317 | 3 | 654 | 1 |
| 13-14 | 31 | 0 | 26 | 0 | 57 | 0 |
| 15-24 | 3038 | 9 | 1606 | 13 | 4644 | 10 |
| 25-34 | 12076 | 35 | 4315 | 35 | 16391 | 35 |
| 35-44 | 11402 | 33 | 3463 | 28 | 14865 | 32 |
| 45-54 | 5037 | 15 | 1618 | 13 | 6655 | 14 |
| 55-64 | 1781 | 5 | 622 | 5 | 2403 | 5 |
| >=65 | 795 | 2 | 218 | 2 | 1013 | 2 |
| Total | 34497 | 100 | 12185 | 100 | 46682 | 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 | 45931 | 100 | 650 | 99 | 46581 | 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 | 62 | 0 | 1 | 0 | 63 | 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 | 46028 | 100 | 654 | 100 | 46682 | 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 | 8562 | 25 | 0 | 0 | 8562 | 19 |
| Injection drug use | 16455 | 48 | 3673 | 31 | 20128 | 44 |
| Male-to-male sexual contact and injection drug use | 2832 | 8 | 0 | 0 | 2832 | 6 |
| Hemophilia/coagulation disorder | 54 | 0 | 7 | 0 | 61 | 0 |
| Heterosexual contact | 5516 | 16 | 7797 | 66 | 13313 | 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 | 343 | 1 | 159 | 1 | 502 | 1 |
| No risk factor reported (NRR) ^g | 310 | 1 | 133 | 1 | 443 | 1 |
| Total | 34158 | 100 | 11866 | 100 | 46024 | 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 | 288 | 85 | 280 | 88 | 568 | 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 | 20 | 6 | 28 | 9 | 48 | 7 |
| No risk factor reported (NRR) ^g | 14 | 4 | 3 | 1 | 17 | 3 |
| Total | 337 | 100 | 317 | 100 | 654 | 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 | 202 | 90 |
| 1985 | 509 | 428 | 84 |
| 1986 | 813 | 701 | 86 |
| 1987 | 1468 | 1268 | 86 |
| 1988 | 2015 | 1757 | 87 |
| 1989 | 2353 | 1997 | 85 |
| 1990 | 2857 | 2335 | 82 |
| 1991 | 2962 | 2329 | 79 |
| 1992 | 3007 | 2293 | 76 |
| 1993 | 2884 | 2143 | 74 |
| 1994 | 2645 | 1817 | 69 |
| 1995 | 2400 | 1543 | 64 |
| 1996 | 2053 | 1196 | 58 |
| 1997 | 1717 | 908 | 53 |
| 1998 | 1626 | 772 | 47 |
| 1999 | 1541 | 694 | 45 |
| 2000 | 1535 | 670 | 44 |
| 2001 | 1381 | 573 | 41 |
| 2002 | 1417 | 510 | 36 |
| 2003 | 1338 | 441 | 33 |
| 2004 | 1203 | 384 | 32 |
| 2005 | 1275 | 371 | 29 |
| 2006 | 1150 | 290 | 25 |
| 2007 | 1019 | 215 | 21 |
| 2008 | 988 | 197 | 20 |
| 2009 | 864 | 164 | 19 |
| 2010 | 799 | 115 | 14 |
| 2011 | 743 | 87 | 12 |
| 2012 | 743 | 72 | 10 |
| 2013 | 673 | 39 | 6 |
| 2014 | 480 | 2 | 0 |
| Total | 46682 | 26513 | 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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