

Puerto Rico HIVAIDS Surveillance Summary

Cumulative HIVAIDS Cases Diagnosed as of December 31, 2016

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) | 10410 | 22 | 1756 | 17 | 143 | 21 | 9 | 6 | 10553 | 22 | 1765 | 17 |
| AIDS - Immunologic | 11904 | 25 | 5647 | 47 | 76 | 11 | 11 | 14 | 11980 | 25 | 5658 | 47 |
| AIDS - All others | 25141 | 53 | 20236 | 80 | 450 | 67 | 303 | 67 | 25591 | 53 | 20539 | 80 |
| Total | 47455 | 100 | 27639 | 58 | 669 | 100 | 323 | 48 | 48124 | 100 | 27962 | 58 |

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

| Age at diagnosis (yrs) | Male | | Female | | Total | |
|------------------------|--------------|------------|--------------|------------|--------------|------------|
| | No. | % | No. | % | No. | % |
| <13 | 344 | 1 | 325 | 3 | 669 | 1 |
| 13-14 | 31 | 0 | 27 | 0 | 58 | 0 |
| 15-24 | 3247 | 9 | 1650 | 13 | 4897 | 10 |
| 25-34 | 12439 | 35 | 4368 | 35 | 16807 | 35 |
| 35-44 | 11649 | 33 | 3543 | 28 | 15192 | 32 |
| 45-54 | 5219 | 15 | 1681 | 13 | 6900 | 14 |
| 55-64 | 1881 | 5 | 661 | 5 | 2542 | 5 |
| >=65 | 831 | 2 | 228 | 2 | 1059 | 2 |
| Total | 35641 | 100 | 12483 | 100 | 48124 | 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 | 47351 | 100 | 665 | 99 | 48016 | 100 |
| Not Hispanic, American Indian/Alaska Native | 1 | 0 | 0 | 0 | 1 | 0 |
| Not Hispanic, Asian | 2 | 0 | 0 | 0 | 2 | 0 |
| Not Hispanic, Black or African American | 33 | 0 | 3 | 0 | 36 | 0 |
| Not Hispanic, Native Hawaiian/Pacific Islander | 1 | 0 | 0 | 0 | 1 | 0 |
| Not Hispanic, White | 66 | 0 | 1 | 0 | 67 | 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 | 47455 | 100 | 669 | 100 | 48124 | 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 | 9294 | 26 | 0 | 0 | 9294 | 20 |
| Injection drug use | 16607 | 47 | 3713 | 31 | 20320 | 43 |
| Male-to-male sexual contact and injection drug use | 2928 | 8 | 0 | 0 | 2928 | 6 |
| Hemophilia/coagulation disorder | 54 | 0 | 7 | 0 | 61 | 0 |
| Heterosexual contact | 5722 | 16 | 8112 | 67 | 13834 | 29 |
| Receipt of blood, components, or tissue | 77 | 0 | 91 | 1 | 168 | 0 |
| Perinatal exposure, HIV diagnosed >= 13 years old | 9 | 0 | 5 | 0 | 14 | 0 |
| Other risk factor reported | 0 | 0 | 0 | 0 | 0 | 0 |
| No identified risk factor (NIR)%ods_super(f) | 321 | 1 | 117 | 1 | 438 | 1 |
| No risk factor reported (NRR)%ods_super(g) | 283 | 1 | 113 | 1 | 396 | 1 |
| Total | 35295 | 100 | 12158 | 100 | 47453 | 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 | 297 | 86 | 289 | 89 | 586 | 88 |
| 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)%ods_super(f) | 22 | 6 | 28 | 9 | 50 | 7 |
| No risk factor reported (NRR)%ods_super(g) | 10 | 3 | 2 | 1 | 12 | 2 |
| Total | 344 | 100 | 325 | 100 | 669 | 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.

^fNIR: 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 | 229 | 207 | 90 |
| 1985 | 512 | 439 | 86 |
| 1986 | 818 | 717 | 88 |
| 1987 | 1468 | 1282 | 87 |
| 1988 | 2020 | 1784 | 88 |
| 1989 | 2358 | 2037 | 86 |
| 1990 | 2873 | 2400 | 84 |
| 1991 | 2970 | 2386 | 80 |
| 1992 | 3015 | 2356 | 78 |
| 1993 | 2896 | 2206 | 76 |
| 1994 | 2656 | 1874 | 71 |
| 1995 | 2416 | 1606 | 66 |
| 1996 | 2072 | 1261 | 61 |
| 1997 | 1736 | 960 | 55 |
| 1998 | 1646 | 818 | 50 |
| 1999 | 1560 | 752 | 48 |
| 2000 | 1555 | 727 | 47 |
| 2001 | 1386 | 624 | 45 |
| 2002 | 1428 | 562 | 39 |
| 2003 | 1353 | 502 | 37 |
| 2004 | 1219 | 427 | 35 |
| 2005 | 1288 | 419 | 33 |
| 2006 | 1173 | 342 | 29 |
| 2007 | 1024 | 248 | 24 |
| 2008 | 1004 | 261 | 26 |
| 2009 | 876 | 193 | 22 |
| 2010 | 808 | 141 | 17 |
| 2011 | 767 | 124 | 16 |
| 2012 | 766 | 101 | 13 |
| 2013 | 670 | 93 | 14 |
| 2014 | 631 | 58 | 9 |
| 2015 | 534 | 39 | 7 |
| 2016 | 397 | 16 | 4 |
| Total | 48124 | 27962 | 58 |

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.