Puerto Rico AIDS Surveillance Summary Cumulative AIDS Cases Diagnosed as of August 31, 2018

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

| Diagnostic status | Adults or adolescents | | | Children (<13 yrs) | | | | Total | | | | |
|--------------------|-----------------------|-----|--------|--------------------|-----|-----|--------|-------|-------|-----|--------|----|
| | No. | % | Deaths | % | No. | % | Deaths | % | No. | % | Deaths | % |
| AIDS - Immunologic | 12307 | 33 | 5933 | 48 | 0 | 0 | 0 | 0 | 12307 | 32 | 5933 | 48 |
| AIDS - All others | 25333 | 67 | 20555 | 81 | 422 | 100 | 290 | 69 | 25755 | 68 | 20845 | 81 |
| Total | 37640 | 100 | 26488 | 70 | 422 | 100 | 290 | 69 | 38062 | 100 | 26778 | 70 |

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

| Age at diagnosis | Male | | Female | | Total | | |
|------------------|-------|-----|--------|-----|-------|-----|--|
| (yrs) | No. | % | No. | % | No. | % | |
| <13 | 204 | 1 | 218 | 2 | 422 | 1 | |
| 13-14 | 36 | 0 | 24 | 0 | 60 | 0 | |
| 15-24 | 1138 | 4 | 626 | 7 | 1764 | 5 | |
| 25-34 | 8726 | 30 | 3048 | 32 | 11774 | 31 | |
| 35-44 | 10773 | 38 | 3123 | 33 | 13896 | 37 | |
| 45-54 | 5146 | 18 | 1600 | 17 | 6746 | 18 | |
| 55-64 | 1793 | 6 | 591 | 6 | 2384 | 6 | |
| >=65 | 805 | 3 | 211 | 2 | 1016 | 3 | |
| Total | 28621 | 100 | 9441 | 100 | 38062 | 100 | |

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

| Race/ethnicity | Adults or ado | escents | Children (<1 | 3 yrs) | Total | | |
|--|---------------|---------|--------------|--------|-------|-----|--|
| | No. | % | No. | % | No. | % | |
| Hispanic, All races | 37553 | 100 | 418 | 99 | 37971 | 100 | |
| Not Hispanic, American Indian/Alaska Native | 1 | 0 | 0 | 0 | 1 | 0 | |
| Not Hispanic, Asian | 0 | 0 | 0 | 0 | 0 | 0 | |
| Not Hispanic, Black or African American | 24 | 0 | 3 | 1 | 27 | 0 | |
| Not Hispanic, Native Hawaiian/Pacific Islander | 0 | 0 | 0 | 0 | 0 | 0 | |
| Not Hispanic, White | 60 | 0 | 1 | 0 | 61 | 0 | |
| Not Hispanic, Legacy Asian/Pacific Islander | 0 | 0 | 0 | 0 | 0 | 0 | |
| Not Hispanic, Multi-race | 1 | 0 | 0 | 0 | 1 | 0 | |
| Unknown | 1 | 0 | 0 | 0 | 1 | 0 | |
| Total | 37640 | 100 | 422 | 100 | 38062 | 100 | |

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

Puerto Rico AIDS Surveillance Summary Cumulative AIDS Cases Diagnosed as of August 31, 2018

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 | 6745 | 24 | 0 | 0 | 6745 | 18 |
| Injection drug use | 14281 | 50 | 3119 | 34 | 17400 | 46 |
| Male-to-male sexual contact and injection drug use | 2617 | 9 | 0 | 0 | 2617 | 7 |
| Hemophilia/coagulation disorder | 50 | 0 | 6 | 0 | 56 | 0 |
| Heterosexual contact | 4388 | 15 | 5876 | 64 | 10264 | 27 |
| Receipt of blood, components, or tissue | 77 | 0 | 91 | 1 | 168 | 0 |
| Perinatal exposure, HIV diagnosed >= 13 years old | 7 | 0 | 4 | 0 | 11 | 0 |
| Other risk factor reported | 0 | 0 | 0 | 0 | 0 | 0 |
| No identified risk factor (NIR)%ods_super(f) | 85 | 0 | 24 | 0 | 109 | 0 |
| No risk factor reported (NRR)%ods_super(g) | 105 | 0 | 52 | 1 | 157 | 0 |
| Total | 28355 | 100 | 9172 | 100 | 37527 | 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 | 2 | 1 | 1 | 0 | 3 | 1 |
| Mother with/at risk for HIV infection | 191 | 94 | 207 | 95 | 398 | 94 |
| Receipt of blood, components, or tissue | 7 | 3 | 5 | 2 | 12 | 3 |
| Other risk factor reported | 0 | 0 | 0 | 0 | 0 | 0 |
| No identified risk factor (NIR)%ods_super(f) | 1 | 0 | 4 | 2 | 5 | 1 |
| No risk factor reported (NRR)%ods_super(g) | 3 | 1 | 1 | 0 | 4 | 1 |
| Total | 204 | 100 | 218 | 100 | 422 | 100 |

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

¹NIR: After one year, or after investigation, no risk factor identified.

⁹NRR: No risk factor reported at the time of initial report.

Puerto Rico AIDS Surveillance Summary Cumulative AIDS Cases Diagnosed as of August 31, 2018

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 | 185 | 175 | 95 |
| 1985 | 270 | 243 | 90 |
| 1986 | 458 | 417 | 91 |
| 1987 | 819 | 740 | 90 |
| 1988 | 1289 | 1199 | 93 |
| 1989 | 1604 | 1484 | 93 |
| 1990 | 1885 | 1716 | 91 |
| 1991 | 2357 | 2133 | 90 |
| 1992 | 2437 | 2159 | 89 |
| 1993 | 2681 | 2340 | 87 |
| 1994 | 2365 | 1964 | 83 |
| 1995 | 2174 | 1736 | 80 |
| 1996 | 2083 | 1528 | 73 |
| 1997 | 1764 | 1185 | 67 |
| 1998 | 1481 | 993 | 67 |
| 1999 | 1318 | 846 | 64 |
| 2000 | 1217 | 779 | 64 |
| 2001 | 1208 | 747 | 62 |
| 2002 | 1071 | 641 | 60 |
| 2003 | 1081 | 585 | 54 |
| 2004 | 936 | 536 | 57 |
| 2005 | 971 | 476 | 49 |
| 2006 | 844 | 389 | 46 |
| 2007 | 791 | 321 | 41 |
| 2008 | 777 | 322 | 41 |
| 2009 | 684 | 246 | 36 |
| 2010 | 568 | 209 | 37 |
| 2011 | 544 | 170 | 31 |
| 2012 | 478 | 140 | 29 |
| 2013 | 466 | 110 | 24 |
| 2014 | 380 | 100 | 26 |
| 2015 | 278 | 68 | 24 |
| 2016 | 290 | 55 | 19 |
| 2017 | 210 | 20 | 10 |
| 2018 | 98 | 6 | 6 |
| Total | 38062 | 26778 | 70 |

Note. Data include cases with a diagnosis of HIV infection and a later AIDS diagnosis, and concurrent diagnosis of HIV infection and AIDS. Note. Data exclude cases missing age at diagnosis.

HIV/AIDS Surveillance Program
Office of Epidemiology and Research, Puerto Rico Health Department
eHARS System August 31, 2018

^hDeaths among persons diagnosed in the selected time period.