

# Puerto Rico AIDS Surveillance Summary

## Cumulative AIDS Cases Diagnosed as of September 30, 2016

**Table 1. Number of cases and deaths<sup>a</sup> by diagnostic status and age category**

| Diagnostic status         | Adults or adolescents |     |        |    | Children (<13 yrs) |     |        |    | Total |     |        |    |
|---------------------------|-----------------------|-----|--------|----|--------------------|-----|--------|----|-------|-----|--------|----|
|                           | No.                   | %   | Deaths | %  | No.                | %   | Deaths | %  | No.   | %   | Deaths | %  |
| <b>AIDS - Immunologic</b> | 11929                 | 32  | 5524   | 46 | 0                  | 0   | 0      | 0  | 11929 | 32  | 5524   | 46 |
| <b>AIDS - All others</b>  | 25137                 | 68  | 20062  | 80 | 420                | 100 | 288    | 69 | 25557 | 68  | 20350  | 80 |
| <b>Total</b>              | 37066                 | 100 | 25586  | 69 | 420                | 100 | 288    | 69 | 37486 | 100 | 25874  | 69 |

**Table 2. Number of cases by age at diagnosis and sex<sup>b</sup>**

| Age at diagnosis (yrs) | Male  |     | Female |     | Total |     |
|------------------------|-------|-----|--------|-----|-------|-----|
|                        | No.   | %   | No.    | %   | No.   | %   |
| <b>&lt;13</b>          | 203   | 1   | 217    | 2   | 420   | 1   |
| <b>13-14</b>           | 35    | 0   | 24     | 0   | 59    | 0   |
| <b>15-24</b>           | 1113  | 4   | 616    | 7   | 1729  | 5   |
| <b>25-34</b>           | 8636  | 31  | 3031   | 33  | 11667 | 31  |
| <b>35-44</b>           | 10658 | 38  | 3099   | 33  | 13757 | 37  |
| <b>45-54</b>           | 5028  | 18  | 1563   | 17  | 6591  | 18  |
| <b>55-64</b>           | 1725  | 6   | 569    | 6   | 2294  | 6   |
| <b>&gt;=65</b>         | 766   | 3   | 203    | 2   | 969   | 3   |
| <b>Total</b>           | 28164 | 100 | 9322   | 100 | 37486 | 100 |

**Table 3. Number of cases by race/ethnicity<sup>c</sup> and age category**

| Race/ethnicity  | Adults or adolescents |     | Children (<13 yrs) |     | Total |     |
|---|-----------------------|-----|--------------------|-----|-------|-----|
|   | No.                   | %   | No.                | %   | No.   | %   |
| <b>Hispanic, All races</b>                            | 36981                 | 100 | 416                | 99  | 37397 | 100 |
| <b>Not Hispanic, American Indian/Alaska Native</b>    | 1                     | 0   | 0                  | 0   | 1     | 0   |
| <b>Not Hispanic, Asian</b>                            | 0                     | 0   | 0                  | 0   | 0     | 0   |
| <b>Not Hispanic, Black or African American</b>        | 24                    | 0   | 3                  | 1   | 27    | 0   |
| <b>Not Hispanic, Native Hawaiian/Pacific Islander</b> | 0                     | 0   | 0                  | 0   | 0     | 0   |
| <b>Not Hispanic, White</b>                            | 59                    | 0   | 1                  | 0   | 60    | 0   |
| <b>Not Hispanic, Legacy Asian/Pacific Islander</b>    | 0                     | 0   | 0                  | 0   | 0     | 0   |
| <b>Not Hispanic, Multi-race</b>                       | 0                     | 0   | 0                  | 0   | 0     | 0   |
| <b>Unknown</b>  | 1                     | 0   | 0                  | 0   | 1     | 0   |
| <b>Total</b>  | 37066                 | 100 | 420                | 100 | 37486 | 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.

<sup>a</sup>Deaths among persons diagnosed in the selected time period.

<sup>b</sup>Data exclude (0) persons with missing or unknown sex.

<sup>c</sup>Data exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

# Puerto Rico AIDS Surveillance Summary

## Cumulative AIDS Cases Diagnosed as of September 30, 2016

Table 4a. Number of cases among adults or adolescents by transmission category and sex<sup>d</sup>

| Transmission category                              | Male         |            | Female      |            | Total        |            |
|--|--------------|------------|-------------|------------|--------------|------------|
|  | No.          | %          | No.         | %          | No.          | %          |
| Male-to-male sexual contact                        | 6532         | 23         | 0           | 0          | 6532         | 18         |
| Injection drug use                                 | 14180        | 51         | 3090        | 34         | 17270        | 47         |
| Male-to-male sexual contact and injection drug use | 2561         | 9          | 0           | 0          | 2561         | 7          |
| Hemophilia/coagulation disorder                    | 50           | 0          | 6           | 0          | 56           | 0          |
| Heterosexual contact                               | 4294         | 15         | 5784        | 64         | 10078        | 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)       | 69           | 0          | 22          | 0          | 91           | 0          |
| No risk factor reported (NRR)%ods_super(g)         | 130          | 0          | 62          | 1          | 192          | 1          |
| <b>Total</b>                                       | <b>27900</b> | <b>100</b> | <b>9059</b> | <b>100</b> | <b>36959</b> | <b>100</b> |

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

| Transmission category                        | Male       |            | Female     |            | Total      |            |
|--|------------|------------|------------|------------|------------|------------|
|  | No.        | %          | No.        | %          | No.        | %          |
| Hemophilia/coagulation disorder              | 2          | 1          | 1          | 0          | 3          | 1          |
| Mother with/at risk for HIV infection        | 190        | 94         | 206        | 95         | 396        | 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) | 0          | 0          | 3          | 1          | 3          | 1          |
| No risk factor reported (NRR)%ods_super(g)   | 4          | 2          | 2          | 1          | 6          | 1          |
| <b>Total</b>                                 | <b>203</b> | <b>100</b> | <b>217</b> | <b>100</b> | <b>420</b> | <b>100</b> |

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.

<sup>d</sup>Data exclude (0) adults or adolescents with unknown or missing sex.

<sup>e</sup>Data exclude (0) children <13 years with unknown or missing sex.

<sup>f</sup>NIR: After one year, or after investigation, no risk factor identified.

<sup>g</sup>NRR: No risk factor reported at the time of initial report.

## Puerto Rico AIDS Surveillance Summary

### Cumulative AIDS Cases Diagnosed as of September 30, 2016

**Table 5. Number of cases, deaths<sup>h</sup> and case fatality rates by time of diagnosis**

| Time of diagnosis | No.          | Deaths       | Case fatality rate % |
|-------------------|--------------|--------------|----------------------|
| Before 1985       | 184          | 174          | 95                   |
| 1985              | 270          | 240          | 89                   |
| 1986              | 457          | 411          | 90                   |
| 1987              | 818          | 734          | 90                   |
| 1988              | 1289         | 1179         | 91                   |
| 1989              | 1606         | 1462         | 91                   |
| 1990              | 1884         | 1688         | 90                   |
| 1991              | 2360         | 2103         | 89                   |
| 1992              | 2439         | 2132         | 87                   |
| 1993              | 2680         | 2285         | 85                   |
| 1994              | 2364         | 1932         | 82                   |
| 1995              | 2169         | 1694         | 78                   |
| 1996              | 2083         | 1483         | 71                   |
| 1997              | 1764         | 1145         | 65                   |
| 1998              | 1478         | 959          | 65                   |
| 1999              | 1312         | 802          | 61                   |
| 2000              | 1216         | 757          | 62                   |
| 2001              | 1208         | 713          | 59                   |
| 2002              | 1068         | 620          | 58                   |
| 2003              | 1079         | 554          | 51                   |
| 2004              | 933          | 506          | 54                   |
| 2005              | 968          | 438          | 45                   |
| 2006              | 840          | 366          | 44                   |
| 2007              | 784          | 289          | 37                   |
| 2008              | 772          | 295          | 38                   |
| 2009              | 683          | 231          | 34                   |
| 2010              | 564          | 193          | 34                   |
| 2011              | 541          | 152          | 28                   |
| 2012              | 470          | 118          | 25                   |
| 2013              | 460          | 97           | 21                   |
| 2014              | 370          | 78           | 21                   |
| 2015              | 257          | 40           | 16                   |
| 2016              | 116          | 4            | 3                    |
| <b>Total</b>      | <b>37486</b> | <b>25874</b> | <b>69</b>            |

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.

<sup>h</sup>Deaths among persons diagnosed in the selected time period.