

Puerto Rico AIDS Surveillance Summary  
Cumulative AIDS Cases Diagnosed as of March 31, 2019

**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> | 12434                 | 33  | 6080   | 49 | 0                  | 0   | 0      | 0  | 12434 | 33  | 6080   | 49 |
| <b>AIDS - All others</b>  | 25371                 | 67  | 20687  | 82 | 424                | 100 | 292    | 69 | 25795 | 67  | 20979  | 81 |
| <b>Total</b>              | 37805                 | 100 | 26767  | 71 | 424                | 100 | 292    | 69 | 38229 | 100 | 27059  | 71 |

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

| Age at diagnosis (yrs) | Male  |     | Female |     | Total |     |
|------------------------|-------|-----|--------|-----|-------|-----|
|                        | No.   | %   | No.    | %   | No.   | %   |
| <13                    | 205   | 1   | 219    | 2   | 424   | 1   |
| 13-14                  | 36    | 0   | 24     | 0   | 60    | 0   |
| 15-24                  | 1142  | 4   | 629    | 7   | 1771  | 5   |
| 25-34                  | 8760  | 30  | 3052   | 32  | 11812 | 31  |
| 35-44                  | 10795 | 38  | 3138   | 33  | 13933 | 36  |
| 45-54                  | 5181  | 18  | 1611   | 17  | 6792  | 18  |
| 55-64                  | 1813  | 6   | 597    | 6   | 2410  | 6   |
| >=65                   | 814   | 3   | 213    | 2   | 1027  | 3   |
| <b>Total</b>           | 28746 | 100 | 9483   | 100 | 38229 | 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>                            | 37713                 | 100 | 420                | 99  | 38133 | 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>        | 25                    | 0   | 3                  | 1   | 28    | 0   |
| <b>Not Hispanic, Native Hawaiian/Pacific Islander</b> | 0                     | 0   | 0                  | 0   | 0     | 0   |
| <b>Not Hispanic, White</b>                            | 64                    | 0   | 1                  | 0   | 65    | 0   |
| <b>Not Hispanic, Legacy Asian/Pacific Islander</b>    | 0                     | 0   | 0                  | 0   | 0     | 0   |
| <b>Not Hispanic, Multi-race</b>                       | 1                     | 0   | 0                  | 0   | 1     | 0   |
| <b>Unknown</b>  | 1                     | 0   | 0                  | 0   | 1     | 0   |
| <b>Total</b>  | 37805                 | 100 | 424                | 100 | 38229 | 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.

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**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                        | 6799         | 24         | 0           | 0          | 6799         | 18         |
| Injection drug use                                 | 14304        | 50         | 3127        | 34         | 17431        | 46         |
| Male-to-male sexual contact and injection drug use | 2633         | 9          | 0           | 0          | 2633         | 7          |
| Hemophilia/coagulation disorder                    | 49           | 0          | 6           | 0          | 55           | 0          |
| Heterosexual contact                               | 4414         | 15         | 5908        | 64         | 10322        | 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)       | 91           | 0          | 26          | 0          | 117          | 0          |
| No risk factor reported (NRR)%ods_super(g)         | 105          | 0          | 51          | 1          | 156          | 0          |
| <b>Total</b>                                       | <b>28479</b> | <b>100</b> | <b>9213</b> | <b>100</b> | <b>37692</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        | 192        | 94         | 208        | 95         | 400        | 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) | 2          | 1          | 5          | 2          | 7          | 2          |
| No risk factor reported (NRR)%ods_super(g)   | 2          | 1          | 0          | 0          | 2          | 0          |
| <b>Total</b>                                 | <b>205</b> | <b>100</b> | <b>219</b> | <b>100</b> | <b>424</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.

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

| <b>Time of diagnosis</b> | <b>No.</b> | <b>Deaths</b> | <b>Case fatality rate %</b> |
|--------------------------|------------|---------------|-----------------------------|
| <b>Before 1985</b>       | 185        | 175           | 95                          |
| <b>1985</b>              | 270        | 243           | 90                          |
| <b>1986</b>              | 458        | 417           | 91                          |
| <b>1987</b>              | 820        | 744           | 91                          |
| <b>1988</b>              | 1289       | 1207          | 94                          |
| <b>1989</b>              | 1604       | 1494          | 93                          |
| <b>1990</b>              | 1887       | 1727          | 92                          |
| <b>1991</b>              | 2357       | 2147          | 91                          |
| <b>1992</b>              | 2436       | 2174          | 89                          |
| <b>1993</b>              | 2686       | 2358          | 88                          |
| <b>1994</b>              | 2365       | 1971          | 83                          |
| <b>1995</b>              | 2175       | 1749          | 80                          |
| <b>1996</b>              | 2086       | 1541          | 74                          |
| <b>1997</b>              | 1765       | 1194          | 68                          |
| <b>1998</b>              | 1486       | 1004          | 68                          |
| <b>1999</b>              | 1323       | 860           | 65                          |
| <b>2000</b>              | 1218       | 789           | 65                          |
| <b>2001</b>              | 1208       | 751           | 62                          |
| <b>2002</b>              | 1073       | 648           | 60                          |
| <b>2003</b>              | 1084       | 593           | 55                          |
| <b>2004</b>              | 936        | 547           | 58                          |
| <b>2005</b>              | 972        | 489           | 50                          |
| <b>2006</b>              | 845        | 396           | 47                          |
| <b>2007</b>              | 790        | 326           | 41                          |
| <b>2008</b>              | 777        | 325           | 42                          |
| <b>2009</b>              | 686        | 247           | 36                          |
| <b>2010</b>              | 593        | 217           | 37                          |
| <b>2011</b>              | 547        | 177           | 32                          |
| <b>2012</b>              | 479        | 147           | 31                          |
| <b>2013</b>              | 467        | 120           | 26                          |
| <b>2014</b>              | 381        | 105           | 28                          |
| <b>2015</b>              | 287        | 73            | 25                          |
| <b>2016</b>              | 293        | 62            | 21                          |
| <b>2017</b>              | 218        | 27            | 12                          |
| <b>2018</b>              | 183        | 15            | 8                           |
| <b>Total</b>             | 38229      | 27059         | 71                          |

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.