

# ILLINOIS HIV/AIDS MONTHLY SURVEILLANCE UPDATE April 2016

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|                          | HIV                              | Incident Cas                            | ses1                           |                     | AIDS Cases                              |                                | HIV                              | AIDS                 |
|--------------------------|----------------------------------|---|--------------------------------|---------------------|---|--------------------------------|----------------------------------|----------------------|
|                          | Diagnosed                        | Cumulative<br>Cases                     | 2009-2016<br>HIV               | Diagnosed           | Cumulative<br>Cases                     | 2009-2016<br>AIDS              | (non-AIDS)<br>Living             | Living               |
| COUNTY                   | as of<br>04/30/2016 <sup>2</sup> | Diagnosed<br>Since<br>2009 <sup>3</sup> | Diagnosis<br>Rate <sup>4</sup> | as of<br>04/30/2016 | Diagnosed<br>Since<br>2009 <sup>3</sup> | Diagnosis<br>Rate <sup>4</sup> | as of<br>04/30/2016 <sup>5</sup> | as of<br>04/30/2016⁵ |
| Adams                    | 3                                | 24                                      | 4.9                            | 1                   | 14                                      | 2.8                            | 23                               | 30                   |
| Alexander                | 0                                | 8                                       | 14.1                           | 0                   | 3                                       | 5.3                            | 12                               | 8                    |
| Bond                     | 0                                | 9                                       | 7.0                            | 0                   | 5                                       | 3.9                            | 6                                | 14                   |
| Boone                    | 0                                | 17                                      | 4.3                            | 0                   | 7                                       | 1.8                            | 18                               | 14                   |
| Brown                    | 0                                | 5                                       | 9.9                            | 0                   | 1                                       | 2.0                            | 19                               | 20                   |
| Bureau                   | 1                                | 7                                       | 2.8                            | 0                   | 3                                       | 1.2                            | 9                                | 6                    |
| Calhoun                  | 0                                | 3                                       | 8.2                            | 0                   | 0                                       | 0.0                            | 3                                | 0                    |
| Carroll                  | 0                                | 2                                       | 1.8                            | 0                   | 2                                       | 1.8                            | 3                                | 3                    |
| Cass                     | 1                                | 1                                       | 1.0                            | 0                   | 0                                       | 0.0                            | 3                                | 2                    |
| Champaign                | 4                                | 139                                     | 9.3                            | 1                   | 63                                      | 4.2                            | 195                              | 204                  |
| Christian                | 0                                | 7                                       | 2.8                            | 0                   | 4                                       | 1.6                            | 28                               | 26                   |
| Clark                    | 0                                | 1                                       | 0.8                            | 0                   | 2                                       | 1.7                            | 4                                | 7                    |
| Clay                     | 0                                | 1                                       | 1.0                            | 0                   | 0                                       | 0.0                            | 4                                | 1                    |
| Clinton                  | 0                                | 13                                      | 4.7                            | 0                   | 7                                       | 2.5                            | 35                               | 37                   |
| Coles                    | 0                                | 18                                      | 4.6                            | 0                   | 6                                       | 1.5                            | 15                               | 21                   |
| Cook County Total        | 207                              | 8,899                                   | 23.2                           | 123                 | 4,915                                   | 12.8                           | 13,853                           | 14,897               |
| Chicago Health Dept.     | 151                              | 7,058                                   |                                | 100                 | 3,878                                   |                                | 11,705                           | 12,249               |
| Cook County Health Dept. | 54                               | 1,663                                   |                                | 21                  | 936                                     |                                | 1,936                            | 2,341                |
| Evanston Health Dept.    | 1                                | 74                                      |                                | 2                   | 46                                      |                                | 90                               | 143                  |
| Oak Park Health Dept.    | 1                                | 72                                      |                                | 0                   | 33                                      |                                | 91                               | 124                  |
| Skokie Health Dept.      | 0                                | 32                                      |                                | 0                   | 22                                      |                                | 31                               | 40                   |
| Crawford                 | 0                                | 9                                       | 6.3                            | 0                   | 3                                       | 2.1                            | 32                               | 23                   |
| Cumberland               | 0                                | 0                                       | 0.0                            | 0                   | 1                                       | 1.2                            | 0                                | 2                    |
| DeKalb                   | 3                                | 44                                      | 5.7                            | 0                   | 19                                      | 2.5                            | 54                               | 38                   |
| DeWitt                   | 0                                | 1                                       | 0.8                            | 0                   | 0                                       | 0.0                            | 1                                | 3                    |
| Douglas                  | 0                                | 0                                       | 0.0                            | 0                   | 0                                       | 0.0                            | 0                                | 1                    |
| DuPage                   | 4                                | 287                                     | 4.2                            | 3                   | 138                                     | 2.0                            | 372                              | 419                  |
| Edgar                    | 0                                | 2                                       | 1.5                            | 0                   | 3                                       | 2.3                            | 2                                | 9                    |
| Edwards                  | 0                                | 0                                       | 0.0                            | 0                   | 0                                       | 0.0                            | 0                                | 2                    |
| Effingham                | 0                                | 4                                       | 1.6                            | 0                   | 4                                       | 1.6                            | 0                                | 9                    |

# Statewide and County Specific HIV and AIDS Incidence and Prevalence Update, April 2016

|            | HIV                     | Incident Cas       | ses1      |            | AIDS Cases         |           | HIV                     | AIDS                    |
|------------|-------------------------|--------------------|-----------|------------|--------------------|-----------|-------------------------|-------------------------|
|            |                         | Cumulative         | 2009-2016 |            | Cumulative         | 2009-2016 | (non-AIDS)              |                         |
|            | Diagnosed               | Cases              | HIV       | Diagnosed  | Cases              | AIDS      | Living                  | Living                  |
|            | as of                   | Diagnosed<br>Since | Diagnosis | as of      | Diagnosed<br>Since | Diagnosis | as of                   | as of                   |
| COUNTY     | 04/30/2016 <sup>2</sup> | 2009 <sup>3</sup>  | Rate⁴     | 04/30/2016 | 2009 <sup>3</sup>  | Rate⁴     | 04/30/2016 <sup>5</sup> | 04/30/2016 <sup>5</sup> |
| Fayette    | 0                       | 12                 | 7.4       | 0          | 8                  | 5.0       | 42                      | 36                      |
| Ford       | 0                       | 2                  | 2.0       | 0          | 2                  | 2.0       | 1                       | 3                       |
| Franklin   | 0                       | 9                  | 3.1       | 1          | 9                  | 3.1       | 8                       | 19                      |
| Fulton     | 1                       | 14                 | 5.2       | 1          | 6                  | 2.2       | 33                      | 32                      |
| Gallatin   | 0                       | 2                  | 5.0       | 0          | 1                  | 2.5       | 3                       | 4                       |
| Greene     | 0                       | 4                  | 4.0       | 0          | 3                  | 3.0       | 3                       | 4                       |
| Grundy     | 0                       | 9                  | 2.4       | 0          | 4                  | 1.1       | 11                      | 10                      |
| Hamilton   | 0                       | 0                  | 0.0       | 0          | 0                  | 0.0       | 2                       | 3                       |
| Hancock    | 0                       | 0                  | 0.0       | 0          | 1                  | 0.7       | 0                       | 3                       |
| Hardin     | 0                       | 1                  | 3.2       | 0          | 1                  | 3.2       | 3                       | 2                       |
| Henderson  | 0                       | 2                  | 3.9       | 0          | 1                  | 1.9       | 1                       | 1                       |
| Henry      | 0                       | 13                 | 3.5       | 0          | 6                  | 1.6       | 15                      | 19                      |
| Iroquois   | 0                       | 3                  | 1.4       | 0          | 3                  | 1.4       | 3                       | 7                       |
| Jackson    | 3                       | 35                 | 8.0       | 2          | 13                 | 3.0       | 51                      | 34                      |
| Jasper     | 0                       | 1                  | 1.4       | 0          | 1                  | 1.4       | 0                       | 2                       |
| Jefferson  | 1                       | 11                 | 3.9       | 0          | 5                  | 1.8       | 29                      | 21                      |
| Jersey     | 0                       | 6                  | 3.6       | 0          | 1                  | 0.6       | 10                      | 2                       |
| Jo Daviess | 0                       | 2                  | 1.2       | 0          | 3                  | 1.8       | 2                       | 8                       |
| Johnson    | 0                       | 9                  | 9.6       | 1          | 2                  | 2.1       | 45                      | 33                      |
| Kane       | 6                       | 233                | 6.1       | 3          | 120                | 3.1       | 294                     | 364                     |
| Kankakee   | 2                       | 72                 | 8.7       | 1          | 27                 | 3.3       | 67                      | 82                      |
| Kendall    | 0                       | 18                 | 2.1       | 0          | 12                 | 1.4       | 20                      | 19                      |
| Кпох       | 1                       | 21                 | 5.5       | 1          | 14                 | 3.7       | 40                      | 43                      |
| Lake       | 5                       | 341                | 6.6       | 1          | 147                | 2.9       | 408                     | 432                     |
| LaSalle    | 0                       | 20                 | 2.4       | 0          | 9                  | 1.1       | 37                      | 34                      |
| Lawrence   | 0                       | 6                  | 4.9       | 0          | 3                  | 2.5       | 8                       | 11                      |
| Lee        | 0                       | 15                 | 5.8       | 1          | 9                  | 3.5       | 35                      | 32                      |
| Livingston | 0                       | 16                 | 5.7       | 0          | 11                 | 3.9       | 83                      | 81                      |
| Logan      | 1                       | 21                 | 9.5       | 0          | 11                 | 5.0       | 47                      | 53                      |
| McDonough  | 0                       | 3                  | 1.3       | 0          | 4                  | 1.7       | 5                       | 9                       |
| McHenry    | 3                       | 55                 | 2.4       | 2          | 22                 | 1.0       | 68                      | 73                      |
| McLean     | 1                       | 66                 | 5.2       | 1          | 32                 | 2.5       | 81                      | 90                      |
| Macon      | 1                       | 50                 | 6.2       | 1          | 30                 | 3.7       | 78                      | 80                      |

|                            | HIV                     | Incident Cas       | es <sup>1</sup>          |            | AIDS Cases         |                          | HIV                     | AIDS                    |
|----------------------------|-------------------------|--------------------|--------------------------|------------|--------------------|--------------------------|-------------------------|-------------------------|
|                            |                         | Cumulative         | 2009-2016                |            | Cumulative         | 2009-2016                | (non-AIDS)              |                         |
|                            | Diagnosed               | Cases              | HIV                      | Diagnosed  | Cases              | AIDS                     | Living                  | Living                  |
|                            | as of                   | Diagnosed<br>Since | Diagnosis                | as of      | Diagnosed<br>Since | Diagnosis                | as of                   | as of                   |
| COUNTY                     | 04/30/2016 <sup>2</sup> | 2009 <sup>3</sup>  | <b>Rate</b> <sup>4</sup> | 04/30/2016 | 2009 <sup>3</sup>  | <b>Rate</b> <sup>4</sup> | 04/30/2016 <sup>5</sup> | 04/30/2016 <sup>5</sup> |
| Macoupin                   | 0                       | 14                 | 4.0                      | 0          | 8                  | 2.3                      | 13                      | 18                      |
| Madison                    | 8                       | 129                | 6.6                      | 4          | 69                 | 3.5                      | 162                     | 130                     |
| Marion                     | 2                       | 9                  | 3.2                      | 1          | 4                  | 1.4                      | 9                       | 20                      |
| Marshall                   | 0                       | 2                  | 2.2                      | 0          | 4                  | 4.4                      | 1                       | 8                       |
| Mason                      | 0                       | 1                  | 1.0                      | 0          | 0                  | 0.0                      | 1                       | 3                       |
| Massac                     | 0                       | 3                  | 2.7                      | 0          | 4                  | 3.6                      | 6                       | 7                       |
| Menard                     | 0                       | 2                  | 2.1                      | 0          | 2                  | 2.1                      | 3                       | 4                       |
| Mercer                     | 1                       | 4                  | 3.4                      | 1          | 1                  | 0.8                      | 4                       | 4                       |
| Monroe                     | 0                       | 10                 | 4.1                      | 0          | 4                  | 1.6                      | 12                      | 7                       |
| Montgomery                 | 0                       | 9                  | 4.1                      | 0          | 10                 | 4.6                      | 46                      | 44                      |
| Morgan                     | 0                       | 9                  | 3.5                      | 0          | 5                  | 1.9                      | 29                      | 27                      |
| Moultrie                   | 0                       | 2                  | 1.8                      | 0          | 1                  | 0.9                      | 4                       | 2                       |
| Ogle                       | 0                       | 9                  | 2.3                      | 0          | 5                  | 1.3                      | 12                      | 12                      |
| Peoria                     | 1                       | 105                | 7.7                      | 1          | 57                 | 4.2                      | 157                     | 174                     |
| Perry                      | 1                       | 13                 | 8.0                      | 1          | 6                  | 3.7                      | 26                      | 16                      |
| Piatt                      | 0                       | 3                  | 2.5                      | 0          | 3                  | 2.5                      | 2                       | 5                       |
| Pike                       | 0                       | 0                  | 0.0                      | 0          | 0                  | 0.0                      | 0                       | 3                       |
| Роре                       | 0                       | 2                  | 6.4                      | 0          | 0                  | 0.0                      | 3                       | 0                       |
| Pulaski                    | 0                       | 3                  | 6.8                      | 0          | 2                  | 4.6                      | 7                       | 2                       |
| Putnam                     | 0                       | 0                  | 0.0                      | 0          | 0                  | 0.0                      | 0                       | 1                       |
| Randolph                   | 0                       | 9                  | 3.7                      | 0          | 4                  | 1.7                      | 41                      | 29                      |
| Richland                   | 0                       | 1                  | 0.8                      | 0          | 0                  | 0.0                      | 2                       | 5                       |
| Rock Island                | 2                       | 87                 | 8.1                      | 0          | 46                 | 4.3                      | 131                     | 128                     |
| St. Clair                  | 14                      | 345                | 17.5                     | 6          | 182                | 9.2                      | 395                     | 347                     |
| East Side Health District  | 2                       | 142                |                          | 2          | 82                 |                          | 194                     | 182                     |
| St. Clair Co. Health Dept. | 12                      | 203                |                          | 4          | 100                |                          | 201                     | 165                     |
| Saline                     | 1                       | 5                  | 2.7                      | 0          | 1                  | 0.6                      | 10                      | 6                       |
| Sangamon                   | 2                       | 104                | 7.1                      | 3          | 49                 | 3.4                      | 145                     | 138                     |
| Schuyler                   | 0                       | 0                  | 0.0                      | 0          | 0                  | 0.0                      | 1                       | 2                       |
| Scott                      | 0                       | 1                  | 2.6                      | 0          | 0                  | 0.0                      | 0                       | 0                       |
| Shelby                     | 0                       | 2                  | 1.2                      | 0          | 1                  | 0.6                      | 2                       | 5                       |
| Stark                      | 0                       | 0                  | 0.0                      | 0          | 0                  | 0.0                      | 0                       | 0                       |
| Stephenson                 | 1                       | 25                 | 7.3                      | 1          | 17                 | 4.9                      | 23                      | 27                      |

|                                 | HIV                     | Incident Cas        | es <sup>1</sup>  |            | AIDS Cases          |                          | HIV                     | AIDS                           |
|---------------------------------|-------------------------|---------------------|------------------|------------|---------------------|--------------------------|-------------------------|--------------------------------|
|                                 | Diagnosed               | Cumulative<br>Cases | 2009-2016<br>HIV | Diagnosed  | Cumulative<br>Cases | 2009-2016<br>AIDS        | (non-AIDS)<br>Living    | Living                         |
|                                 | as of                   | Diagnosed<br>Since  | Diagnosis        | as of      | Diagnosed<br>Since  | Diagnosis                | as of                   | as of                          |
| COUNTY                          | 04/30/2016 <sup>2</sup> | 2009 <sup>3</sup>   | Rate⁴            | 04/30/2016 | 2009 <sup>3</sup>   | <b>Rate</b> <sup>4</sup> | 04/30/2016 <sup>5</sup> | <b>04/30/2016</b> <sup>5</sup> |
| Tazewell                        | 1                       | 23                  | 2.3              | 0          | 14                  | 1.4                      | 37                      | 40                             |
| Union                           | 0                       | 3                   | 2.3              | 0          | 0                   | 0.0                      | 6                       | 2                              |
| Vermilion                       | 1                       | 34                  | 5.7              | 1          | 21                  | 3.6                      | 54                      | 62                             |
| Wabash                          | 0                       | 1                   | 1.2              | 0          | 0                   | 0.0                      | 4                       | 1                              |
| Warren                          | 0                       | 3                   | 2.3              | 0          | 2                   | 1.5                      | 3                       | 3                              |
| Washington                      | 0                       | 4                   | 3.7              | 0          | 4                   | 3.7                      | 1                       | 6                              |
| Wayne                           | 0                       | 0                   | 0.0              | 0          | 1                   | 0.8                      | 2                       | 4                              |
| White                           | 0                       | 3                   | 2.8              | 0          | 2                   | 1.9                      | 3                       | 4                              |
| Whiteside                       | 0                       | 7                   | 1.7              | 0          | 3                   | 0.7                      | 9                       | 14                             |
| Will                            | 7                       | 258                 | 5.2              | 3          | 122                 | 2.4                      | 358                     | 368                            |
| Williamson                      | 0                       | 23                  | 4.7              | 0          | 12                  | 2.5                      | 27                      | 25                             |
| Winnebago                       | 10                      | 158                 | 7.4              | 4          | 101                 | 4.7                      | 199                     | 257                            |
| Woodford                        | 0                       | 5                   | 1.8              | 0          | 0                   | 0.0                      | 11                      | 4                              |
| Unknown                         | 1                       | 23                  |                  | 0          | 4                   |                          | 18                      | 6                              |
| Totals                          | 301                     | 12,026              | 12.7             | 170        | 6,493               | 6.9                      | 18,203                  | 19,413                         |
| Collar Counties <sup>6</sup>    | 25                      | 1,174               | 5.1              | 12         | 549                 | 2.4                      | 1,500                   | 1,656                          |
| Downstate Counties <sup>7</sup> | 68                      | 1,930               | 5.9              | 35         | 1,025               | 3.1                      | 2,832                   | 2,854                          |

<sup>1</sup>This category represents all new diagnoses with HIV regardless of the stage of the disease [HIV (non-AIDS) or AIDS], and also is referred to as "HIV infection" or "HIV disease."

<sup>2</sup>Includes cases diagnosed and reported between January 1, 2016- April 30, 2016

<sup>3</sup>Includes all cases diagnosed and reported between January 1, 2009- April 30, 2016

<sup>4</sup>Rate = Diagnosed cases (January 1, 2009- April 30, 2016)/Population\*100,000 (Census July 1, 2010 population estimates were used); rates were annualized

<sup>5</sup>Includes all living cases as of April 30, 2016

<sup>6</sup>Collar counties are five counties surrounding Chicago and Cook County, including DuPage, Kane, Lake, McHenry and Will.

<sup>7</sup>Downstate counties are the rest of Illinois counties other than Cook, DuPage, Kane, Lake, McHenry and Will.

Source: Illinois Department of Public Health, HIV/AIDS Surveillance Unit

Notes: All data are provisional and subject to change. Illinois Department of Corrections cases are included in county totals.

## HIV and AIDS Demographics and Behavioral Characteristics – Illinois (Cumulative Cases)

|                  | Cumulative Cases     |                    | Male           |                   |                    | Female         |                   |                    | Total          |                   | Total               |
|------------------|----------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|---------------------|
|                  | Diagnosed Since 2009 | Cases <sup>2</sup> | % <sup>3</sup> | Rate <sup>4</sup> | Cases <sup>2</sup> | % <sup>3</sup> | Rate <sup>4</sup> | Cases <sup>2</sup> | % <sup>3</sup> | Rate <sup>4</sup> | Deaths <sup>5</sup> |
| Race/ethnicity   | White, non-Hispanic  | 2,499              | 25.6           | 8.6               | 290                | 13.2           | 1.0               | 2,789              | 23.3           | 4.7               | 36                  |
| -                | Black, non-Hispanic  | 4,453              | 45.6           | 70.7              | 1,510              | 68.7           | 21.1              | 5,963              | 49.9           | 44.3              | 93                  |
|                  | Hispanic, all races  | 2,048              | 21.0           | 25.8              | 246                | 11.2           | 3.3               | 2,294              | 19.2           | 14.9              | 26                  |
|                  | Other                | 614                | 6.3            | 20.9              | 119                | 5.4            | 3.8               | 733                | 6.1            | 12.1              | 10                  |
|                  | Unknown              | 152                | 1.6            |                   | 32                 | 1.5            |                   | 184                | 1.5            |                   |                     |
|                  | Total <sup>6</sup>   | 9,766              | 100.0          | 21.1              | 2,197              | 100.0          | 4.6               | 11,963             | 100.0          | 12.7              | 165                 |
| Age at diagnosis | 0 - 14 yrs           | 46                 | 0.5            | 0.5               | 45                 | 2.0            | 0.5               | 91                 | 0.8            | 0.5               | 1                   |
|                  | 15 - 19 yrs          | 562                | 5.7            | 16.7              | 120                | 5.4            | 3.8               | 682                | 5.7            | 10.4              |                     |
|                  | 20 - 24 yrs          | 2,074              | 21.2           | 62.0              | 244                | 11.0           | 7.6               | 2,318              | 19.3           | 35.3              | 9                   |
|                  | 25 - 29 yrs          | 1,798              | 18.3           | 54.4              | 276                | 12.5           | 8.5               | 2,074              | 17.3           | 31.6              | 9                   |
|                  | 30 - 39 yrs          | 2,287              | 23.3           | 36.4              | 549                | 24.8           | 8.8               | 2,836              | 23.6           | 22.6              | 28                  |
|                  | 40 - 49 yrs          | 1,745              | 17.8           | 27.3              | 512                | 23.1           | 7.9               | 2,257              | 18.8           | 17.5              | 33                  |
|                  | 50 + yrs             | 1,294              | 13.2           | 9.1               | 471                | 21.2           | 2.9               | 1,765              | 14.7           | 5.8               | 85                  |
|                  | Total <sup>6</sup>   | 9,806              | 100.0          | 21.2              | 2,217              | 100.0          | 4.6               | 12,023             | 100.0          | 12.7              | 165                 |
| Mode of exposure | MSM                  | 6,963              | 71.0           |                   |                    |                |                   | 6,963              | 57.9           |                   | 45                  |
|                  | IDU                  | 280                | 2.9            |                   | 176                | 7.9            |                   | 456                | 3.8            |                   | 24                  |
|                  | MSM+IDU              | 322                | 3.3            |                   |                    |                |                   | 322                | 2.7            |                   | 2                   |
|                  | Heterosexual         | 596                | 6.1            |                   | 1,169              | 52.7           |                   | 1,765              | 14.7           |                   | 33                  |
|                  | BT/Hemophilia        | 3                  | 0.0            |                   |                    |                |                   | 3                  | 0.0            |                   |                     |
|                  | Perinatal            | 24                 | 0.2            |                   | 29                 | 1.3            |                   | 53                 | 0.4            |                   |                     |
|                  | Other                | 1,026              | 10.5           |                   | 568                | 25.6           |                   | 1,594              | 13.3           |                   | 45                  |
|                  | Undetermined         | 593                | 6.1            |                   | 275                | 12.4           |                   | 868                | 7.2            |                   | 16                  |
|                  | Total <sup>6</sup>   | 9,807              | 100.0          |                   | 2,217              | 100.0          |                   | 12,024             | 100.0          |                   | 165                 |

Demographic and Behavioral Characteristics Among HIV Incident Cases Diagnosed Since 2009 – Illinois<sup>1</sup>

<sup>1</sup>This category represents all new diagnoses with HIV regardless of the stage of the disease [HIV (non-AIDS) or AIDS], and also is referred to as "HIV infection" or "HIV disease."

<sup>2</sup>Includes all cases diagnosed and reported since January 1, 2009

<sup>3</sup>Refers to the percent of cases falling into a specific demographic category

<sup>4</sup>Rate = Diagnosed cases (January 1, 2009- April 30, 2016)/Population\*100,000 (Census July 1, 2010 population estimates were used); rates were annualized

<sup>5</sup>Refers to the number of deaths among cases diagnosed since January 1, 2009

<sup>6</sup>Totals May not add up due to missing values.

Source: Illinois Department of Public Health, HIV/AIDS Surveillance Unit

Notes: All data are provisional and subject to change. Illinois Department of Corrections cases are included in totals. Rates are not provided for Unknown and Mode of Exposure categories as population data for these categories is unknown.

|                  | Cumulative Cases     |                    | Male           |                   |                    | Female         | - <b>J</b>        |                    | Total          |                   | Total               |
|------------------|----------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|---------------------|
|                  | Diagnosed Since 2009 | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Deaths <sup>4</sup> |
| Race/ethnicity   | White, non-Hispanic  | 1,217              | 24.0           | 4.2               | 182                | 12.9           | 0.6               | 1,399              | 21.6           | 2.4               | 158                 |
|                  | Black, non-Hispanic  | 2,406              | 47.5           | 38.2              | 986                | 69.6           | 13.8              | 3,392              | 52.3           | 25.2              | 460                 |
|                  | Hispanic, all races  | 1,057              | 20.9           | 13.3              | 153                | 10.8           | 2.1               | 1,210              | 18.7           | 7.9               | 100                 |
|                  | Other                | 354                | 7.0            | 12.1              | 89                 | 6.3            | 2.9               | 443                | 6.8            | 7.3               | 50                  |
|                  | Unknown              | 36                 | 0.7            |                   | 6                  | 0.4            |                   | 42                 | 0.7            |                   | 1                   |
|                  | Total⁵               | 5,070              | 100.0          | 10.9              | 1,416              | 100.0          | 3.0               | 6,486              | 100.0          | 6.9               | 769                 |
| Age at diagnosis | 0 - 14 yrs           | 6                  | 0.1            | 0.1               | 6                  | 0.4            | 0.1               | 12                 | 0.2            | 0.1               | 1                   |
|                  | 15 - 19 yrs          | 95                 | 1.9            | 2.8               | 42                 | 3.0            | 1.3               | 137                | 2.1            | 2.1               | 1                   |
|                  | 20 - 24 yrs          | 513                | 10.1           | 15.3              | 75                 | 5.3            | 2.3               | 588                | 9.1            | 9.0               | 20                  |
|                  | 25 - 29 yrs          | 740                | 14.6           | 22.4              | 145                | 10.2           | 4.4               | 885                | 13.6           | 13.5              | 53                  |
|                  | 30 - 39 yrs          | 1,280              | 25.2           | 20.4              | 361                | 25.5           | 5.8               | 1,641              | 25.3           | 13.1              | 126                 |
|                  | 40 - 49 yrs          | 1,338              | 26.4           | 20.9              | 416                | 29.4           | 6.4               | 1,754              | 27.0           | 13.6              | 238                 |
|                  | 50 + yrs             | 1,103              | 21.7           | 7.8               | 372                | 26.3           | 2.3               | 1,475              | 22.7           | 4.8               | 330                 |
|                  | Total⁵               | 5,075              | 100.0          | 11.0              | 1,417              | 100.0          | 3.0               | 6,492              | 100.0          | 6.9               | 769                 |
| Mode of exposure | MSM                  | 3,242              | 63.9           |                   |                    |                |                   | 3,242              | 49.9           |                   | 257                 |
|                  | IDU                  | 295                | 5.8            |                   | 237                | 16.7           |                   | 532                | 8.2            |                   | 135                 |
|                  | MSM+IDU              | 276                | 5.4            |                   |                    |                |                   | 276                | 4.3            |                   | 40                  |
|                  | Heterosexual         | 459                | 9.0            |                   | 708                | 50.0           |                   | 1,167              | 18.0           |                   | 122                 |
|                  | BT/Hemophilia        | 7                  | 0.1            |                   |                    |                |                   | 7                  | 0.1            |                   |                     |
|                  | Perinatal            | 15                 | 0.3            |                   | 27                 | 1.9            |                   | 42                 | 0.7            |                   | 1                   |
|                  | Other                | 581                | 11.5           |                   | 353                | 24.9           |                   | 934                | 14.4           |                   | 159                 |
|                  | Undetermined         | 200                | 3.9            |                   | 92                 | 6.5            |                   | 292                | 4.5            |                   | 55                  |
|                  | Total⁵               | 5,075              | 100.0          |                   | 1,417              | 100.0          |                   | 6,492              | 100.0          |                   | 769                 |

#### Demographic and Behavioral Characteristics Among AIDS Cases Diagnosed Since 2009 – Illinois

<sup>1</sup>Includes all AIDS cases diagnosed and reported since January 1, 2009

<sup>2</sup>Refers to the percent of cases falling into a specific demographic category

<sup>3</sup>Rate = Diagnosed cases (January 1, 2009- April 30, 2016)/Population\*100,000 (Census July 1, 2010 population estimates were used); rates were annualized

<sup>4</sup>Refers to the number of deaths among cases diagnosed since January 1, 2009

<sup>5</sup>Totals may not add up due to missing values.

Source: Illinois Department of Public Health, HIV/AIDS Surveillance Unit

Note: All data are provisional and subject to change. Illinois Department of Corrections cases are included in totals. Rates are not provided for Unknown and Mode of Exposure categories as population data for these categories is unknown.

## HIV and AIDS Demographics and Behavioral Characteristics – Illinois (Living Cases)

|                  |                     | 1                  |                |                   |                    |                |                   |                    |                |                   |
|------------------|---------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|
|                  |                     |                    | Male           | 2                 |                    | Female         | 2                 |                    | Total          | 2                 |
|                  | Living Cases        | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> |
| Race/ethnicity   | White, non-Hispanic | 4,832              | 33.9           | 121.5             | 601                | 15.4           | 14.5              | 5,433              | 30.0           | 67.0              |
|                  | Black, non-Hispanic | 5,915              | 41.5           | 689.1             | 2,571              | 66.1           | 263.6             | 8,486              | 46.8           | 462.7             |
|                  | Hispanic, all races | 2,457              | 17.2           | 226.6             | 490                | 12.6           | 48.2              | 2,947              | 16.3           | 140.3             |
|                  | Other               | 819                | 5.8            | 204.9             | 168                | 4.3            | 39.5              | 987                | 5.4            | 119.6             |
|                  | Unknown             | 225                | 1.6            |                   | 62                 | 1.6            |                   | 287                | 1.6            |                   |
|                  | Total⁴              | 14,248             | 100.0          | 225.5             | 3,892              | 100.0          | 59.4              | 18,140             | 100.0          | 140.9             |
| Age at report    | 0 - 14 yrs          | 58                 | 0.4            | 4.5               | 71                 | 1.8            | 5.7               | 129                | 0.7            | 5.1               |
|                  | 15 - 19 yrs         | 121                | 0.9            | 26.4              | 52                 | 1.3            | 12.0              | 173                | 1.0            | 19.4              |
|                  | 20 - 24 yrs         | 925                | 6.5            | 202.8             | 160                | 4.1            | 36.4              | 1,085              | 6.0            | 121.1             |
|                  | 25 - 29 yrs         | 1,839              | 12.9           | 407.8             | 346                | 8.8            | 77.7              | 2,185              | 12.0           | 243.8             |
|                  | 30 - 39 yrs         | 3,172              | 22.2           | 370.0             | 894                | 22.8           | 104.5             | 4,066              | 22.3           | 237.3             |
|                  | 40 - 49 yrs         | 3,302              | 23.1           | 378.3             | 1,083              | 27.7           | 122.1             | 4,385              | 24.1           | 249.2             |
|                  | 50 + yrs            | 4,869              | 34.1           | 251.9             | 1,309              | 33.4           | 58.1              | 6,178              | 33.9           | 147.5             |
|                  | Total⁴              | 14,286             | 100.0          | 226.1             | 3,915              | 100.0          | 59.7              | 18,201             | 100.0          | 141.4             |
| Mode of exposure | MSM                 | 10,064             | 70.4           |                   |                    |                |                   | 10,064             | 55.3           |                   |
|                  | IDU                 | 760                | 5.3            |                   | 536                | 13.7           |                   | 1,296              | 7.1            |                   |
|                  | MSM+IDU             | 577                | 4.0            |                   |                    |                |                   | 577                | 3.2            |                   |
|                  | Heterosexual        | 596                | 4.2            |                   | 1,921              | 49.1           |                   | 2,517              | 13.8           |                   |
|                  | BT/Hemophilia       | 20                 | 0.1            |                   | 6                  | 0.2            |                   | 26                 | 0.1            |                   |
|                  | Perinatal           | 95                 | 0.7            |                   | 129                | 3.3            |                   | 224                | 1.2            |                   |
|                  | Other               | 1,456              | 10.2           |                   | 948                | 24.2           |                   | 2,404              | 13.2           |                   |
|                  | Undetermined        | 719                | 5.0            |                   | 375                | 9.6            |                   | 1,094              | 6.0            |                   |
|                  | Total <sup>4</sup>  | 14,287             | 100.0          |                   | 3,915              | 100.0          |                   | 18,202             | 100.0          |                   |

Demographic and Behavioral Characteristics Among Living HIV (non-AIDS) Cases – Illinois

<sup>1</sup>Includes all living HIV (non-AIDS) cases as of April 30, 2016

<sup>2</sup>Refers to the percent of cases falling into a specific demographic category

<sup>3</sup>Rate = Living cases (as of April 30, 2016)/Population\*100,000 (Census July 1, 2010 population estimates were used)

<sup>4</sup>Totals may not add up due to missing values.

Source: Illinois Department of Public Health, HIV/AIDS Surveillance Unit

Note: All data are provisional and subject to change. Illinois Department of Corrections cases are included in totals. Rates are not provided for Unknown and Mode of Exposure categories as population data for these categories is unknown.

|                  |                     |                    | Male           |                   |                    | Female         |                   |                    | Total          |                   |
|------------------|---------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|--------------------|----------------|-------------------|
|                  | Living Cases        | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> | Cases <sup>1</sup> | % <sup>2</sup> | Rate <sup>3</sup> |
| Race/ethnicity   | White, non-Hispanic | 4,699              | 30.2           | 118.2             | 577                | 15.0           | 14.0              | 5,276              | 27.2           | 65.0              |
| •                | Black, non-Hispanic | 6,733              | 43.3           | 784.4             | 2,513              | 65.3           | 257.6             | 9,246              | 47.7           | 504.2             |
|                  | Hispanic, all races | 3,138              | 20.2           | 289.4             | 539                | 14.0           | 53.0              | 3,677              | 19.0           | 175.0             |
|                  | Other               | 953                | 6.1            | 238.4             | 210                | 5.5            | 49.3              | 1,163              | 6.0            | 140.9             |
|                  | Unknown             | 36                 | 0.2            |                   | 7                  | 0.2            |                   | 43                 | 0.2            |                   |
|                  | Total <sup>4</sup>  | 15,559             | 100.0          | 246.2             | 3,846              | 100.0          | 58.7              | 19,405             | 100.0          | 150.7             |
| Age at report    | 0 - 14 yrs          | 5                  | 0.0            | 0.4               | 5                  | 0.1            | 0.4               | 10                 | 0.1            | 0.4               |
|                  | 15 - 19 yrs         | 16                 | 0.1            | 3.5               | 14                 | 0.4            | 3.2               | 30                 | 0.2            | 3.4               |
|                  | 20 - 24 yrs         | 200                | 1.3            | 43.9              | 91                 | 2.4            | 20.7              | 291                | 1.5            | 32.5              |
|                  | 25 - 29 yrs         | 686                | 4.4            | 152.1             | 118                | 3.1            | 26.5              | 804                | 4.1            | 89.7              |
|                  | 30 - 39 yrs         | 2,103              | 13.5           | 245.3             | 576                | 15.0           | 67.3              | 2,679              | 13.8           | 156.4             |
|                  | 40 - 49 yrs         | 3,825              | 24.6           | 438.2             | 1,154              | 30.0           | 130.1             | 4,979              | 25.7           | 282.9             |
|                  | 50 + yrs            | 8,729              | 56.1           | 451.5             | 1,889              | 49.1           | 83.8              | 10,618             | 54.7           | 253.6             |
|                  | Total <sup>4</sup>  | 15,564             | 100.0          | 246.3             | 3,847              | 100.0          | 58.7              | 19,411             | 100.0          | 150.8             |
| Mode of exposure | MSM                 | 9,797              | 62.9           |                   |                    |                |                   | 9,797              | 50.5           |                   |
|                  | IDU                 | 1,653              | 10.6           |                   | 871                | 22.6           |                   | 2,524              | 13.0           |                   |
|                  | MSM+IDU             | 1,207              | 7.8            |                   |                    |                |                   | 1,207              | 6.2            |                   |
|                  | Heterosexual        | 1,116              | 7.2            |                   | 2,043              | 53.1           |                   | 3,159              | 16.3           |                   |
|                  | BT/Hemophilia       | 76                 | 0.5            |                   | 17                 | 0.4            |                   | 93                 | 0.5            |                   |
|                  | Perinatal           | 62                 | 0.4            |                   | 93                 | 2.4            |                   | 155                | 0.8            |                   |
|                  | Other               | 1,287              | 8.3            |                   | 678                | 17.6           |                   | 1,965              | 10.1           |                   |
|                  | Undetermined        | 367                | 2.4            |                   | 145                | 3.8            |                   | 512                | 2.6            |                   |
|                  | Total <sup>4</sup>  | 15,565             | 100.0          |                   | 3,847              | 100.0          |                   | 19,412             | 100.0          |                   |

#### Demographic and Behavioral Characteristics Among Living AIDS Cases – Illinois

<sup>1</sup>Includes all living AIDS cases as of April 30, 2016

<sup>2</sup>Refers to the percent of cases falling into a specific demographic category

<sup>3</sup>Rate = Living cases (as of April 30, 2016)/Population\*100,000 (Census July 1, 2010 population estimates were used)

<sup>4</sup>Totals may not add up due to missing values.

Source: Illinois Department of Public Health, HIV/AIDS Surveillance Unit

Note: All data are provisional and subject to change. Illinois Department of Corrections cases are included in totals. Rates are not provided for Unknown and Mode of Exposure categories as population data for these categories is unknown.

|               | HIV                     | Incident Cas            | es <sup>1</sup>  |                         | AIDS Cases              |                   | HIV                     | AIDS                    |
|---------------|-------------------------|-------------------------|------------------|-------------------------|-------------------------|-------------------|-------------------------|-------------------------|
|               | Diagnosed               | Cumulative<br>Cases     | 2009-2016<br>HIV | Diagnosed               | Cumulative<br>Cases     | 2009-2016<br>AIDS | (non-AIDS)<br>Living    | Living                  |
|               | as of                   | Diagnosed               | Diagnosis        | as of                   | Diagnosed               | Diagnosis         | as of                   | as of                   |
| REGION        | 04/30/2016 <sup>2</sup> | Since 2009 <sup>3</sup> | Rate⁴            | 04/30/2016 <sup>2</sup> | Since 2009 <sup>3</sup> | Rate⁴             | 04/30/2016 <sup>5</sup> | 04/30/2016 <sup>5</sup> |
| Winnebago     | 18                      | 390                     | 5.7              | 6                       | 211                     | 3.1               | 514                     | 553                     |
| Peoria        | 5                       | 265                     | 4.3              | 3                       | 120                     | 1.9               | 407                     | 421                     |
| Sangamon      | 8                       | 245                     | 5.1              | 2                       | 122                     | 2.6               | 434                     | 436                     |
| St. Clair     | 24                      | 563                     | 9.5              | 8                       | 286                     | 4.8               | 729                     | 636                     |
| Jackson       | 6                       | 131                     | 4.7              | 3                       | 58                      | 2.1               | 247                     | 189                     |
| Champaign     | 7                       | 309                     | 6.0              | 1                       | 142                     | 2.7               | 470                     | 522                     |
| Collar        | 25                      | 1,201                   | 5.0              | 6                       | 550                     | 2.3               | 1,531                   | 1,670                   |
| Cook          | 56                      | 1,841                   | 9.9              | 15                      | 1,000                   | 5.4               | 2,148                   | 2,614                   |
| Chicago EMA   | 235                     | 10,144                  | 16.0             | 61                      | 5,201                   | 8.2               | 15,438                  | 16,330                  |
| St. Louis EMA | 22                      | 503                     | 10.9             | 7                       | 255                     | 5.5               | 614                     | 515                     |

## **Regional HIV and AIDS Incidence and Prevalence Rates**

Winnebago (Region 1) - Boone, Bureau, Carroll, DeKalb, Henry, Jo Daviess, Lee, Mercer, Ogle, Rock Island, Stephenson, Whiteside, Winnebago

Peoria (Region 2) – Fulton, Hancock, Henderson, Knox, LaSalle, Marshall, Mason, McDonough, McLean, Peoria, Putnam, Stark, Tazewell, Warren, Woodford

Sangamon (Region 3) – Adams, Brown, Cass, Christian, DeWitt, Greene, Logan, Macon, Menard, Montgomery, Morgan, Moultrie, Piatt, Pike, Sangamon, Schuyler, Scott, Shelby

St. Clair (Region 4) - Bond, Calhoun, Clinton, Jersey, Macoupin, Madison, Monroe, Randolph, St. Clair, Washington, Fayette, Marion

Jackson (Region 5) – Alexander, Edwards, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union, Wabash, Wayne, White, Williamson Champaign (Region 6) – Champaign, Clark, Clay, Coles, Crawford, Cumberland, Douglas, Edgar, Effingham, Ford, Iroquois, Jasper, Kankakee, Lawrence, Livingston, Richland, Vermilion Collar (Region 7) – DuPage, Grundy, Kane, Kendall, Lake, McHenry, Will

Region 8 (Cook) – Suburban Cook

Chicago EMA – Cook, DeKalb, DuPage, Grundy, Kane, Kendall, Lake, McHenry, Will St. Louis EMA – Clinton, Jersey, Madison, Monroe, St. Clair

<sup>1</sup>This category represents all new diagnoses with HIV regardless of the stage of the disease [HIV (non-AIDS) or AIDS, and also is referred to as "HIV infection" or "HIV disease."

<sup>2</sup>Includes cases diagnosed and reported between January 1, 2016- April 30, 2016

<sup>4</sup>Includes all cases diagnosed and reported between January 1, 2009- April 30, 2016

<sup>4</sup>Rate = Diagnosed cases (January 1, 2009- April 30, 2016)/Population\*100,000 (Census July 1, 2010 population estimates were used); rates were annualized

<sup>5</sup>Includes all living of cases of HIV (non-AIDS) or AIDS through April 30, 2016

Source: Illinois Department of Public Health, HIV/AIDS Surveillance Unit

Notes: All data are provisional and subject to change. Illinois Department of Corrections cases are included in regional totals.



#### **TELEPHONE INFORMATION SERVICES**

| Illinois Department of Public Health   |   |
|--|---|
| HIV/AIDS Section (Springfield)   | 1-217-524-5983  |
| HIV/AIDS Section (Chicago)   | 1-312-814-4846  |
| STD Section  | 1-217-782-2747  |
| TTY  | 1-800-547-0466  |
| AIDS Drug Assistance Program (ADAP) and Continuation of Health Insurance Coverage (CHIC) | 1-800-825-3518  |
| HIV/AIDS Case Reporting (By Physician Only)  | 1-888-375-9613  |
| Illinois HIV/AIDS and STD Hotline  | 1-800-243-2437  |
| TTY  | 1-800-782-0423  |
| 24/7 Perinatal HIV Hotline Service   | 1-800-439-4073  |
| National STD/HIV Hotline   | 1-800-227-8922  |
| National AIDS Hotline  | 1-800-344-2437  |
| Spanish Language   | 1-800-344-7432  |
| TTY  | 1-800-AIDS-TTY  |
| AIDS Treatment Information Services  | 1-800-448-0440  |
| AIDS Clinical Trials Information   | 1-800-874-2572  |
| Midwest AIDS Training and Education Center (MATEC)                                       | 1-312-996-1373  |
| Internet Sites   |   |
| Illinois Department of Public Health   | http://www.dph.illinois.gov/                          |
| U.S. Centers for Disease Control and Prevention  | http://www.cdc.gov                                    |
| Midwest AIDS Training and Education Center   | http://www.uic.edu/depts/matec                        |
| HIV Treatment Information Service  | http://www.hivatis.org/                               |
| HIV/AIDS Monthly Surveillance Update   | http://www.dph.illinois.gov/topics-services/diseases- |
|  | and-conditions/hiv-aids/hiv-surveillance              |

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