

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

| CHARACTERISTIC | Preliminary 2018 1st Quarter (January 1 - March 31) | | | | | |
|----------------|---|--------------|-----------------|--------------|------------------|--------------|
| | Newly Diagnosed | | Prevalent Cases | | Cumulative Cases | |
| | Cases | % of Total | Cases | % of Total | Cases | % of Total |
| Race/Ethnicity | | | | | | |
| Black | 41 | 70.7 | 9042 | 63.9 | 13630 | 64.1 |
| White | 11 | 19.0 | 3947 | 27.9 | 6403 | 30.1 |
| Hispanic | 0 | 0.0 | 419 | 3.0 | 425 | 2.0 |
| Multi-race | 4 | 6.9 | 600 | 4.2 | 683 | 3.2 |
| Other/Unknown | 2 | 3.5 | 153 | 1.1 | 136 | 0.6 |
| Total | 58 | 100.0 | 14161 | 100.0 | 21277 | 100.0 |

| Gender | Cases | % of Total | Cases | % of Total | Cases | % of Total |
|--------------|-----------|--------------|--------------|--------------|--------------|--------------|
| Male | 47 | 81.0 | 10341 | 73.0 | 21276 | 75.3 |
| Female | 11 | 19.0 | 3819 | 27.0 | 5251 | 24.7 |
| Total | 58 | 100.0 | 14160 | 100.0 | 26527 | 100.0 |

| Age (Years) | Cases | % of Total | Cases | % of Total | Cases | % of Total |
|--------------|-----------|--------------|--------------|--------------|--------------|--------------|
| <13 | 0 | 0.0 | 35 | 0.3 | 155 | 0.7 |
| 13-19 | 5 | 8.6 | 76 | 0.5 | 1038 | 4.9 |
| 20-24 | 19 | 32.8 | 595 | 4.2 | 3569 | 16.8 |
| 25-29 | 8 | 13.8 | 1368 | 9.7 | 3985 | 18.7 |
| 30-39 | 8 | 13.8 | 2868 | 20.3 | 6614 | 31.1 |
| 40-49 | 9 | 15.5 | 3245 | 22.9 | 3752 | 17.6 |
| ≥50 | 9 | 15.5 | 5974 | 42.2 | 2164 | 10.2 |
| Total | 58 | 100.0 | 14161 | 100.0 | 21277 | 100.0 |

| Adult/Adolescent Exposure (≥13 years) | Cases | % of Total | Cases | % of Total | Cases | % of Total |
|---------------------------------------|-----------|--------------|--------------|--------------|--------------|--------------|
| Men who have Sex with Men (MSM) | 22 | 37.0 | 6460 | 45.7 | 9454 | 44.5 |
| Heterosexuals | 16 | 23.5 | 4231 | 30.0 | 5853 | 27.5 |
| Injection Drug Users (IDU) | 2 | 0.0 | 770 | 5.5 | 1871 | 8.8 |
| MSM/IDU | 0 | 0.0 | 469 | 3.3 | 1057 | 5.0 |
| Hemophilia/Coagulation Disorder | 0 | 0.0 | 15 | 0.1 | 79 | 0.4 |
| Mother with HIV Infection | 0 | 0.0 | 80 | 0.6 | 31 | 0.1 |
| Transfusion/Transplant Recipient | 0 | 0.0 | 5 | 0.0 | 2776 | 13.1 |
| Risk Not Reported/Unknown | 18 | 39.5 | 2095 | 14.8 | 131 | 1.0 |
| Total | 58 | 100.0 | 14125 | 100.0 | 21252 | 100.0 |

| CHARACTERISTIC | Preliminary 2018 1st Quarter (January 1 -March 31) | | | | | |
|----------------------------------|--|------------|-----------------|--------------|------------------|--------------|
| | Newly Diagnosed | | Prevalent Cases | | Cumulative Cases | |
| | Cases | % of Total | Cases | % of Total | Cases | % of Total |
| Pediatric Exposure (<13 years) | | | | | | |
| Mother with HIV Infection | 0 | 0.0 | 26 | 74.3 | 0 | 0.0 |
| Hemophilia/Coagulation Disorder | 0 | 0.0 | 0 | 0.0 | 8 | 33.3 |
| Transfusion/Transplant Recipient | 0 | 0.0 | 0 | 0.0 | 1 | 4.2 |
| Risk Not Reported/Unknown | 0 | 0.0 | 9 | 25.7 | 15 | 62.5 |
| Total | 0 | 0.0 | 35 | 100.0 | 24 | 100.0 |

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

| Public Health Districts | Cases | % of Total | Cases | % of Total | Cases | % of Total |
|-------------------------|-----------|--------------|--------------|--------------|-------|--------------|
| Northern | 2 | 3.5 | 1544 | 11.2 | 2066 | 5.9 |
| East Central | 19 | 32.8 | 2871 | 20.7 | 4491 | 21.5 |
| West Central | 0 | 0.0 | 851 | 6.2 | 1233 | 5.9 |
| Jefferson | 3 | 5.2 | 3826 | 27.6 | 5790 | 27.7 |
| NorthEastern | 3 | 5.2 | 1102 | 8.0 | 1225 | 5.9 |
| SouthEastern | 4 | 6.9 | 875 | 6.3 | 1284 | 6.2 |
| SouthWestern | 6 | 10.3 | 823 | 5.9 | 1287 | 6.2 |
| Mobile | 18 | 31.0 | 1928 | 13.9 | 3395 | 16.3 |
| Total | 58 | 100.0 | 13846 | 100.0 | | 100.0 |

Note: 2018 statistics should be interpreted with caution as not all reported cases have been entered into the Surveillance database.

2017 data remains incomplete due to delayed reporting; data will be finalized December 31, 2018.

Newly diagnosed HIV includes newly diagnosed HIV infections during the year of interest.

Prevalent HIV includes all persons living with HIV as of March 31, 2018. Cumulative HIV includes all diagnosed HIV (living and deceased) as of March 31, 2018.

Totals include unknown case counts. Females with no risk factor reported are reclassified as heterosexual exposure.

Age among newly diagnosed and cumulative cases is age at diagnosis. Prevalent age is current age among cases living as of March 31, 2018.

PHA represents residence at diagnosis among newly diagnosed and cumulative cases. PHA represents current residence among prevalent cases.

**HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICTS
AND COUNTY**

| PUBLIC HEALTH DISTRICT | Preliminary 2018 1st Quarter (January 1 - March 31) | | | | | | |
|------------------------|---|---------------|-------------|-----------------|---------------|------------------|---------------|
| | Newly Diagnosed | | | Prevalent Cases | | Cumulative Cases | |
| | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
| NORTHERN | | | | | | | |
| Colbert | 0 | 0.00 | | 60 | 3.90 | 90 | 4.36 |
| Cullman | 0 | 0.00 | | 61 | 3.95 | 101 | 4.89 |
| Franklin | 0 | 0.00 | | 20 | 1.29 | 21 | 1.02 |
| Jackson | 0 | 0.00 | | 32 | 2.07 | 42 | 2.03 |
| Lauderdale | 0 | 0.00 | | 81 | 5.25 | 123 | 5.95 |
| Lawrence | 0 | 0.00 | | 27 | 1.75 | 43 | 2.08 |
| Limestone | 0 | 0.00 | | 121 | 7.83 | 169 | 8.18 |
| Madison | 2 | 100.00 | | 832 | 53.90 | 1082 | 52.37 |
| Marion | 0 | 0.00 | | 30 | 1.94 | 31 | 1.50 |
| Marshall | 0 | 0.00 | | 114 | 7.38 | 135 | 6.53 |
| Morgan | 0 | 0.00 | | 153 | 9.90 | 215 | 10.41 |
| Winston | 0 | 0.00 | | 13 | 0.84 | 14 | 0.68 |
| Total | 2 | 100.00 | 0.20 | 1544 | 100.00 | 2066 | 100.00 |
| EAST CENTRAL | | | | | | | |
| Autauga | 1 | 5.26 | | 116 | 4.04 | 172 | 3.83 |
| Bullock | 1 | 5.26 | | 57 | 1.99 | 81 | 1.80 |
| Chambers | 1 | 5.26 | | 128 | 4.46 | 197 | 4.39 |
| Chilton | 0 | 0.00 | | 59 | 2.06 | 67 | 1.49 |
| Coosa | 0 | 0.00 | | 17 | 0.60 | 23 | 0.51 |
| Elmore | 2 | 10.50 | | 197 | 6.86 | 236 | 5.25 |
| Lee | 1 | 5.26 | | 327 | 11.39 | 404 | 9.00 |
| Lowndes | 0 | 0.00 | | 52 | 1.81 | 91 | 2.03 |
| Macon | 1 | 5.26 | | 98 | 3.41 | 173 | 3.85 |
| Montgomery | 12 | 63.20 | 5.30 | 1522 | 53.01 | 2664 | 59.32 |
| Russell | 0 | 0.00 | | 219 | 7.62 | 289 | 6.44 |
| Tallapoosa | 0 | 0.00 | | 79 | 2.75 | 94 | 2.09 |
| Total | 19 | 100.00 | 2.69 | 2871 | 100.00 | 4491 | 100.00 |
| WEST CENTRAL | | | | | | | |
| Bibb | 0 | 0.00 | | 42 | 4.93 | 46 | 3.73 |
| Fayette | 0 | 0.00 | | 16 | 1.88 | 26 | 2.11 |
| Greene | 0 | 0.00 | | 36 | 4.23 | 53 | 4.30 |
| Hale | 0 | 0.00 | | 54 | 6.35 | 71 | 5.76 |
| Lamar | 0 | 0.00 | | 13 | 1.53 | 20 | 1.62 |
| Perry | 0 | 0.00 | | 32 | 3.76 | 39 | 3.16 |
| Pickens | 0 | 0.00 | | 46 | 5.41 | 54 | 4.38 |
| Sumter | 0 | 0.00 | | 36 | 4.23 | 61 | 4.95 |
| Tuscaloosa | 0 | 0.00 | | 502 | 58.99 | 739 | 59.93 |
| Walker | 0 | 0.00 | | 74 | 8.69 | 124 | 10.06 |
| Total | 0 | 0.00 | 0.00 | 851 | 100.00 | 1233 | 100.00 |

**HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICTS
AND COUNTY**

| JEFFERSON | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
|------------------|--------------|-------------------|-------------|--------------|-------------------|--------------|-------------------|
| Jefferson | 3 | 100.00 | | 3826 | 100.00 | 5790 | 100.00 |
| Total | 3 | 100.00 | 0.45 | 3826 | 100.00 | 5790 | 100.00 |

| PUBLIC HEALTH DISTRICT | Preliminary 2018 1st Quarter (January 1 - March 31) | | | | | | |
|-------------------------------|--|-------------------|-------------|------------------------|-------------------|-------------------------|-------------------|
| | Newly Diagnosed | | | Prevalent Cases | | Cumulative Cases | |
| | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
| NORTHEASTERN | | | | | | | |
| Blount | 1 | 33.33 | | 50 | 4.54 | 88 | 7.18 |
| Calhoun | 1 | 33.33 | | 281 | 25.50 | 344 | 28.09 |
| Cherokee | 0 | 0.00 | | 26 | 2.36 | 46 | 3.76 |
| Clay | 0 | 0.00 | | 30 | 2.72 | 40 | 3.27 |
| Cleburne | 0 | 0.00 | | 15 | 1.36 | 21 | 1.71 |
| Dekalb | 0 | 0.00 | | 58 | 5.26 | 77 | 6.28 |
| Etowah | 1 | 33.34 | | 206 | 18.70 | 253 | 20.65 |
| Randolph | 0 | 0.00 | | 0 | 0.00 | 0 | 0.00 |
| Shelby | 0 | 0.00 | | 313 | 28.40 | 228 | 18.61 |
| St. Clair | 0 | 0.00 | | 123 | 11.16 | 128 | 10.45 |
| Talladega | 0 | 0.00 | | 0 | 0.00 | 0 | 0.00 |
| Total | 3 | 100.00 | 0.40 | 1102 | 100.00 | 1225 | 100.00 |

| SOUTHEASTERN | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
|---------------------|--------------|-------------------|-------------|--------------|-------------------|--------------|-------------------|
| Barbour | 1 | 25.00 | | 106 | 12.11 | 157 | 12.22 |
| Butler | 0 | 0.00 | | 0 | 0.00 | 0 | 0.00 |
| Coffee | 0 | 0.00 | | 76 | 8.69 | 123 | 9.59 |
| Conecuh | 0 | 0.00 | | 0 | 0.00 | 0 | 0.00 |
| Crenshaw | 0 | 0.00 | | 0 | 0.00 | 0 | 0.00 |
| Dale | 2 | 50.00 | | 129 | 14.74 | 235 | 18.30 |
| Geneva | 0 | 0.00 | | 38 | 4.34 | 53 | 4.13 |
| Henry | 0 | 0.00 | | 41 | 4.69 | 60 | 4.67 |
| Houston | 0 | 0.00 | | 371 | 42.40 | 493 | 38.40 |
| Pike | 1 | 25.00 | | 114 | 13.03 | 163 | 12.69 |
| Total | 4 | 100.00 | 1.06 | 875 | 100.00 | 1284 | 100.00 |

| SOUTHWESTERN | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
|---------------------|--------------|-------------------|-------------|--------------|-------------------|--------------|-------------------|
| Baldwin | 2 | 33.33 | | 330 | 40.10 | 504 | 39.16 |
| Butler | 0 | 0.00 | | 59 | 7.17 | 87 | 6.76 |
| Choctaw | 0 | 0.00 | | 23 | 2.79 | 37 | 2.87 |
| Clarke | 0 | 0.00 | | 38 | 4.62 | 53 | 4.12 |
| Conecuh | 2 | 33.33 | | 38 | 4.62 | 75 | 5.82 |
| Covington | 0 | 0.00 | | 0 | 0.00 | 0 | 0.00 |
| Dallas | 2 | 33.34 | | 149 | 18.10 | 263 | 20.44 |
| Escambia | 0 | 0.00 | | 81 | 9.84 | 97 | 7.54 |
| Marengo | 0 | 0.00 | | 27 | 3.28 | 45 | 3.50 |
| Monroe | 0 | 0.00 | | 37 | 4.50 | 61 | 4.74 |
| Washington | 0 | 0.00 | | 13 | 1.58 | 29 | 2.25 |
| Wilcox | 0 | 0.00 | | 28 | 3.40 | 36 | 2.80 |
| Total | 6 | 100.00 | 1.56 | 823 | 100.00 | 1287 | 100.00 |

HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICTS AND COUNTY

| PUBLIC HEALTH DISTRICT | Preliminary 2018, 1st Quarter (January 1 - March 31) | | | | | | |
|------------------------|--|------------|------|-----------------|------------|------------------|------------|
| | Newly Diagnosed | | | Prevalent Cases | | Cumulative Cases | |
| | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
| MOBILE | 18 | 100.00 | 4.34 | 1928 | 100.00 | 3395 | 100.00 |
| Mobile | 18 | 100.00 | 4.34 | 1928 | 100.00 | 3395 | 100.00 |
| Total | 18 | 100.00 | 4.34 | 1928 | 100.00 | 3395 | 100.00 |

| STATE TOTAL | Cases | % of Total | Rate | Cases | % of Total | Cases | % of Total |
|-------------|-------|------------|------|-------|------------|-------|------------|
| Alabama | 58 | 100.00 | | 13846 | 100.00 | 20876 | 100.00 |
| Total | 58 | 100.00 | 1.19 | 13846 | 100.00 | 20876 | 100.00 |

Note: 2018 statistics should be interpreted with caution as not all reported cases have been entered into the HIV Surveillance database. Effective January 1, 2018, Public Health Areas have been redistributed as eight Public Health Districts. Please interpret data accordingly. Unknown cases only accounted for in State Total.

2017 Data will be reported separately from 2018 PH District statistics. 2017 data remain incomplete due to delayed reporting; data will be finalized December 31, 2018.

To ensure statistically significant data, reported numbers less than 12, as well as estimated numbers (and accompanying rates and trends) based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

Rates are only calculated for jurisdictions with 5 or more cases. Rates are per 100,000 per year based on the US Census Bureau estimates for 2016.

Newly diagnosed HIV includes newly diagnosed HIV infections during the year of interest.

Prevalent HIV includes all persons living with HIV as of December 31, 2017. Cumulative HIV includes all diagnosed HIV (living and deceased) as of December 31, 2017.

Totals include unknown case counts. Females with no risk factor reported are reclassified as heterosexual exposure.

Age among newly diagnosed and cumulative cases is age at diagnosis. Prevalent age is current age among cases living as of December 31, 2017.

PHA represents residence at diagnosis among newly diagnosed and cumulative cases. PHA represents current residence among prevalent cases.

Current residence was updated April 2015 and reflects cases that migrated to other states/jurisdictions. This accounts for the recent decrease in prevalent cases.