

# **NEWARK EMA**



## **2017 HIV/AIDS EPIDEMIOLOGICAL PROFILE**

**HIV Surveillance Data as of  
December 31, 2016**

**September 2017**

**NEWARK EMA**  
**2017 HIV/AIDS EPIDEMIOLOGICAL PROFILE**  
**Data as of December 31, 2016**

**Table of Contents**

Findings – Current Year and Trends..... 1  
HIV/AIDS Data as of 12/31/16 ..... 3  
TRENDS in HIV/AIDS Data 2006 to 2016 ..... 10  
NEW HIV DIAGNOSES..... 15  
    HIV Infection in New Jersey ..... 15  
    HIV Infection in New Jersey vs. Rest of the USA..... 15  
    HIV/AIDS Diagnoses by Stage of Disease New Jersey, 2008 - 2014..... 17  
    HIV/AIDS Diagnoses by Gender New Jersey, 2008 - 2014 ..... 18  
HIV/AIDS AMONG TRANSGENDERS ..... 19  
DATA TABLES 2016..... 20

**List of Tables**

Table 1: PLWHA as of 12/31/16..... 3  
Table 2: PLWHA in EMA’s Five Largest Cities..... 7

**List of Figures**

Figure 1: Distribution of PLWHA by County, 12/31/16..... 3  
Figure 2: Distribution of PLWHA by AIDS and HIV (Not AIDS) within County - 2016 ..... 3  
Figure 3: Distribution of PLWHA by Gender within County - 2016..... 4  
Figure 4: Distribution of PLWHA by Age Category - 2016..... 4  
Figure 5: Distribution of PLWHA by Age Category within County - 2016 ..... 5  
Figure 6: Distribution of PLWHA by Race/Ethnicity within County - 2016 ..... 5  
Figure 7: Distribution of PLWHA by Exposure Category in Newark EMA - 2016 ..... 6  
Figure 8: Distribution of Male PLWHA by Male Exposure Category Within County - 2016..... 6  
Figure 9: Distribution of Female PLWHA by Female Exposure Category Within County – 2016..... 6  
Figure 10: Distribution of PLWHA by 5 Largest Cities and Rest of NEMA..... 7  
Figure 11: HIV Prevalence by Race/Ethnicity – by County, Total Newark EMA and NJ ..... 8  
Figure 12: HIV Prevalence by Race/Ethnicity – by 5 Cities, Total Newark EMA and NJ ..... 9

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|  |    |
|--|----|
| Figure 13: PLWHA in Newark EMA 2007 - 2016 .....                                   | 10 |
| Figure 14: PLWHA in New Jersey 2007 - 2016 .....                                   | 10 |
| Figure 15: PLWHA in Newark EMA by Gender 2007 - 2016.....                          | 11 |
| Figure 16: PLWHA in Newark EMA by Race/Ethnicity 2007 - 2016 .....                 | 11 |
| Figure 17: PLWHA in Newark EMA by Age Category 2007 - 2016 .....                   | 12 |
| Figure 18: Male PLWHA in Newark EMA by Transmission Mode 2007 - 2016 .....         | 13 |
| Figure 19: Female PLWHA in Newark EMA by Transmission Mode 2007 - 2016 .....       | 13 |
| Figure 20: Distribution of PLWHA in Newark EMA by County/Region 2007 - 2016 .....  | 14 |
| Figure 21: Urban Concentration of PLWHA in 5 Cities in Newark EMA 2007 - 2016..... | 14 |

# 2017 EPI PROFILE - Newark EMA

## Findings – Current Year and Trends<sup>1</sup>

- **Total PLWHA** – In 2016 there were a **total of 13,672 People Living with HIV/AIDS (PLWHA)** in the 5 county Newark Eligible Metropolitan Area (EMA).
  - For the second year in a row, the HIV epidemic in the Newark EMA saw a **slight decline of -157 (-1.1%) from 13,801 as of 12/31/15**, following a decline from 13,958 as of 12/31/14. In 2015 this was due to a change in CDC’s method of determining current residence, which resulted in a decline of over 800 in PLWHA statewide, and a portion to the EMA.<sup>2</sup> The 2016 decline reflects the slight statewide decline.
  - The EMA followed the **statewide trend**, with PLWHA in NJ declining by **-265 (-1%) to 37,170 PLWHA in 2016**, down from 37,435 in 2015, and from 38,075 in 2014. In 2015 this was due to adjustment of PLWHA by CDC. In 2016 the reasons are not known, but could be due to relocation (moving) out of NJ and fewer new diagnoses.
- **Gender** –
  - The **percent of female PLWHA is declining** within the total epidemic – from **40% in 2009 to 37% in 2014 through 2016**. Male percentage is increasing, as the EMA’s epidemic is slowly becoming like the state and national epidemic.
- **Race/Ethnicity** – The epidemic consists of a **majority (87%) of racial/ethnic minority population**. However, the demographics continue to shift. As a percent of PLWHA, there was a **decline from 74% to 66% among African Americans and an increase from 14% to 21% among Hispanic/Latinos 2006-2016**. There has been no change among NonHispanic Whites and Other.
- **Age** – The EMA continued to experience an **aging epidemic, with 40% of PLWHA age 55 or older and 71% older than age 45**. PLWHA age 35-44 dropped from 32% of the epidemic in 2006 to 16% in 2014. However, the **younger PLWHA remained constant** with those age 25-34 at 10% of PLWHA and Youth age 13-24 at above 3% of PLWHA. Pediatric cases are 0.2% of the epidemic.
- **Transmission Mode**
  - **Males** – The transmission mode for males has changed dramatically in the Newark EMA. The leading cause in 2006 at 31% – Heterosexual – has dropped to #2 at 29% in 2016. The 2<sup>nd</sup> leading cause – IDU – dropped from 28% in 2006 to 17% in 2016 and is 3<sup>rd</sup>. **In 2016 the leading transmission mode is MSM at 34%, up from 24% in 2006.**
  - **Females** – There has been minimal change in transmission mode for females from 2006 to 2014. Heterosexual remained #1 rising from 61% to 66% and IDU at #2 declined from

<sup>1</sup> Note: NJ Dept. Health did not publish HIV surveillance data by county and municipality (“county and municipal statistics”) for year ending 12/31/2011.

<sup>2</sup> NJ Dept. of Health. New Jersey HIV/AIDS Report December 31, 2016. As of December 2015, over 800 persons previously reported as living with HIV/AIDS in New Jersey (June 2015 HIV/AIDS Report) were no longer considered New Jersey residents. This decrease in persons living with HIV/AIDS in New Jersey is an artifact of changes made in the CDC’s method of determining current residence.

28% to 20%. The decline in IDU corresponds to trends among males and the decline in injection drug use in the EMA. The substance abuse epidemic continues in the EMA, but primary methods of use are snorting, sniffing and other non-injection modes.

- **Geography** – The epidemic continues to **slowly spread outside of Essex County** to Union County and the Morris, Sussex, Warren region. From 2006-2016, the percent of NEMA PLWHA in Essex County declined from 74% to 71%, increased in Union from 19% to 21% and increased in the Morris, Sussex, Warren region from 7% to 9%.
  - Likewise, although the EMA epidemic is concentrated in its urban areas, the 5 largest cities (Newark, East Orange, Irvington, Elizabeth, Plainfield) accounted for only 71% or 9,823 PLWHA, down from 72% in 2014.
- **Prevalence of HIV in the General Population** – Prevalence shows the impact of HIV in the general population. There are two measures – rate per 100,000 population and percentage in the population based on the rate/100,000. This Profile shows the percentages.
  - **In the Newark EMA, HIV prevalence is 0.7% of the population compared to 0.4% statewide.** By county, the range is 1.2% in Essex, 0.5% in Union, and 0.2% in the Morris/Sussex/Warren county region.
  - **Prevalence is higher in the EMA's 5 largest cities at 1.7% of the population. Rates are highest in East Orange (2.2%), followed by Newark (2%), and Irvington (1.8%) but lower in Plainfield (1%) and Elizabeth (0.9%).**
- **Prevalence of HIV by Race/Ethnicity.** Consistent with state and national data, HIV disproportionately affects the Black/African American and Hispanic/Latino populations.

#### **Black/African Americans**

- **In the Newark EMA, HIV prevalence is 2% of Black/African American residents, higher than 1.7% statewide.** By county, HIV prevalence among African Americans was **2.3% in Essex County**, 1.4% in Union, and 1.4% in Morris/Sussex/Warren counties.
- **Rates were higher among African Americans in the 5 cities at 2.5%. Newark was highest at 3%**, followed by East Orange at 2.3%, Elizabeth at 2.1%, Irvington at 1.9% and Plainfield at 1.4%.

#### **Hispanic/Latinos**

- **In the Newark EMA, HIV prevalence is 0.8% of Hispanic/Latino residents, slightly higher than 0.7% statewide.** By county, HIV prevalence among Hispanic/Latino residents was **1.1% in Essex County**, 0.6% in Union, and 0.4% in Morris/Sussex/Warren counties.
- **Rates were higher among Hispanic/Latino residents of the 5 cities at 1.1%. East Orange was highest at 1.7%**, followed by Newark and Irvington at 1.4% each, Elizabeth at 0.7% and Plainfield at 0.6%.

## HIV/AIDS Data as of 12/31/16

Table 1: PLWHA as of 12/31/16

| County     | PLWHA  |
|------------|--------|
| Essex      | 9,578  |
| Union      | 2,872  |
| Morris     | 862    |
| Sussex     | 172    |
| Warren     | 188    |
| Total-NEMA | 13,672 |
| MSW        | 1,222  |
|            | 8.9%   |

Figure 1: Distribution of PLWHA by County, 12/31/16

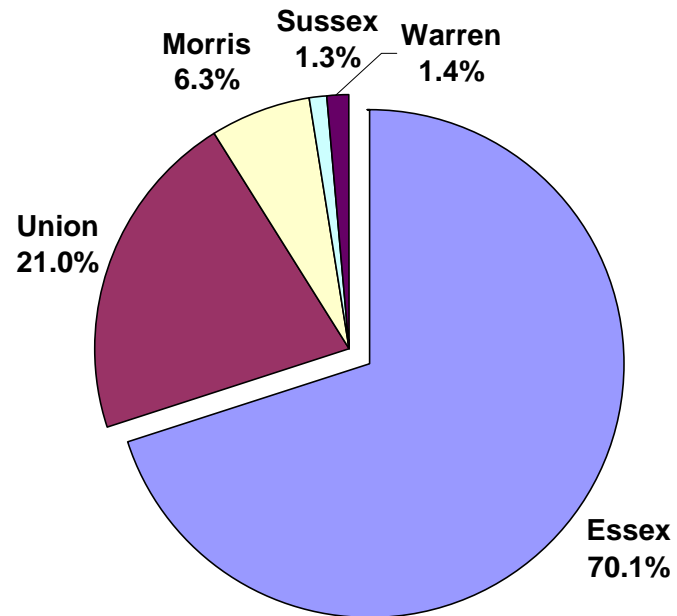
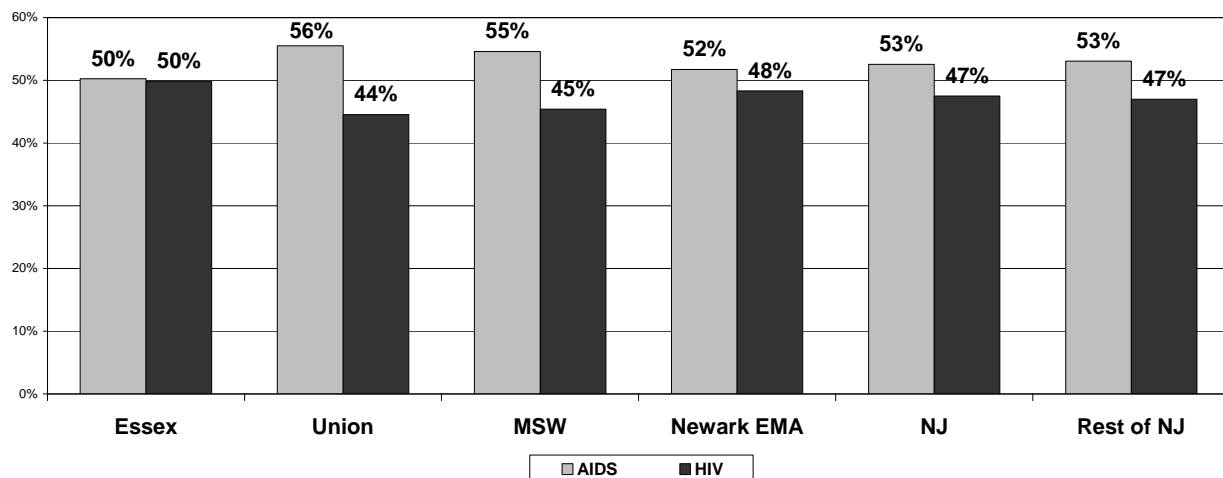
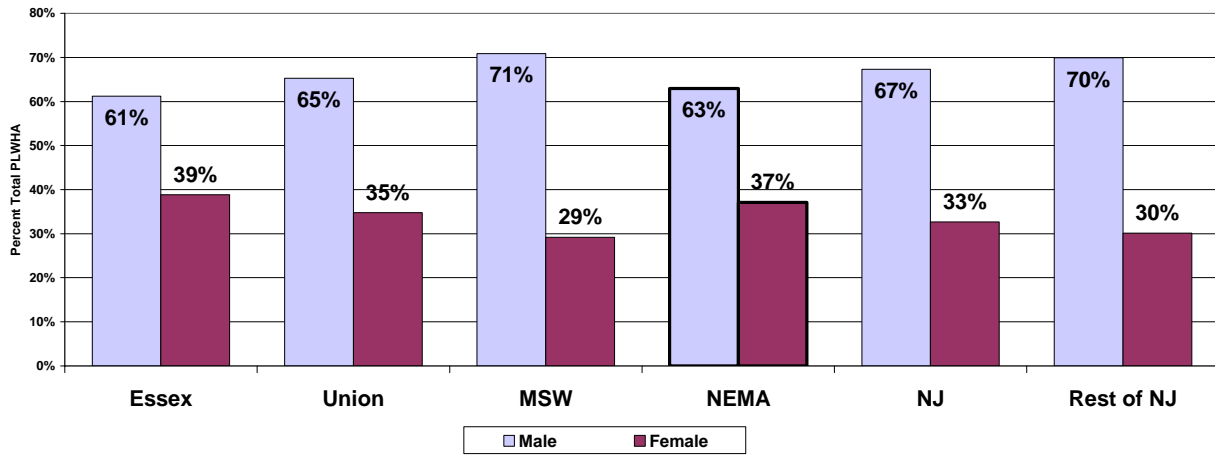


Figure 2: Distribution of PLWHA by AIDS and HIV (Not AIDS) within County - 2016

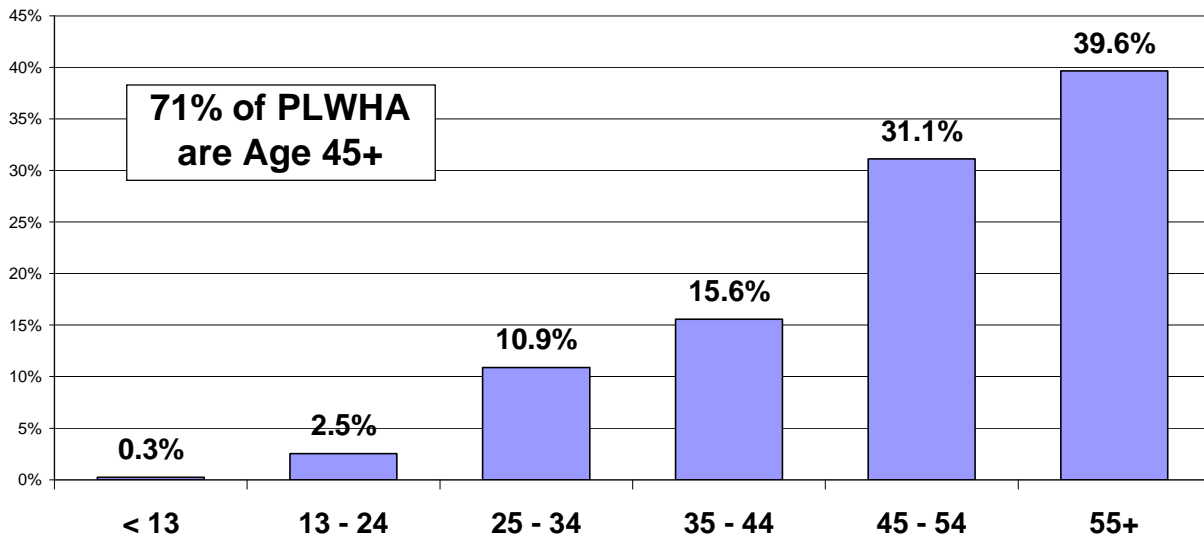


**Figure 3: Distribution of PLWHA by Gender within County - 2016**

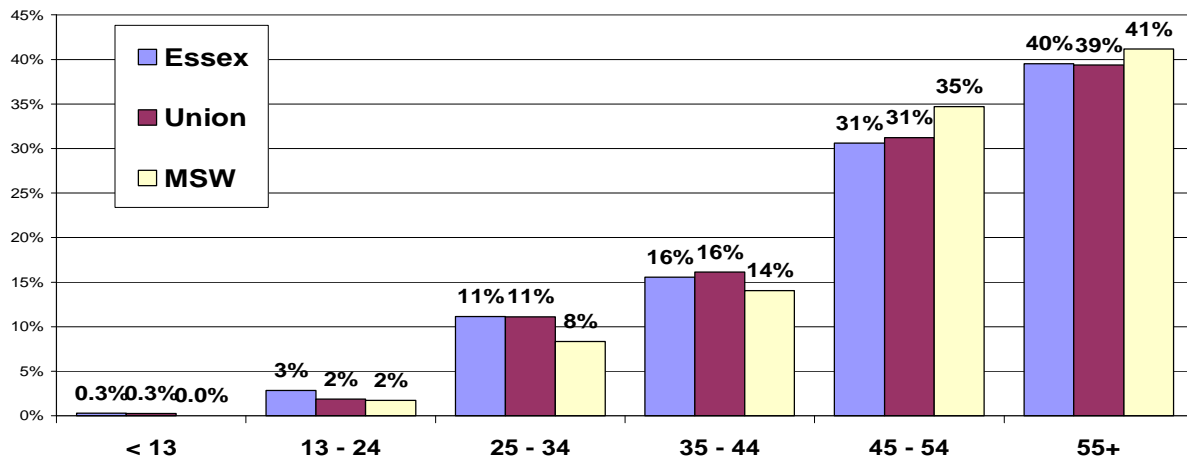


The percent of female PLWHA in the EMA has declined from 40% through 2010 to 37% as of 2016.

**Figure 4: Distribution of PLWHA by Age Category - 2016**

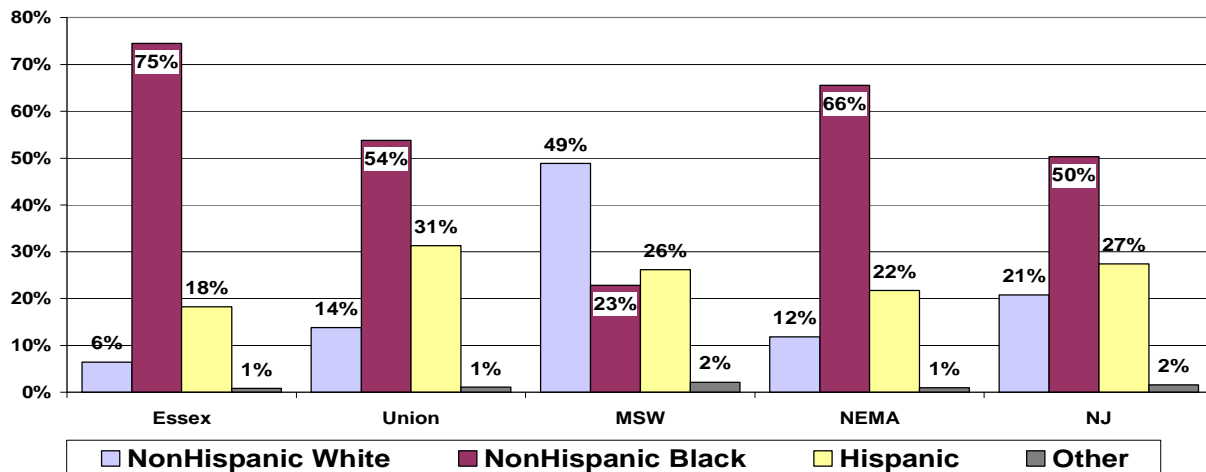


**Figure 5: Distribution of PLWHA by Age Category within County - 2016**



|                                     |       |     |                     |
|-------------------------------------|-------|-----|---------------------|
| Percent of PLWHA Age 45+ by County: | Essex | 70% | Up from 69% in 2014 |
|                                     | Union | 71% | Up from 69% in 2014 |
|                                     | MSW   | 76% | Up from 74% in 2014 |

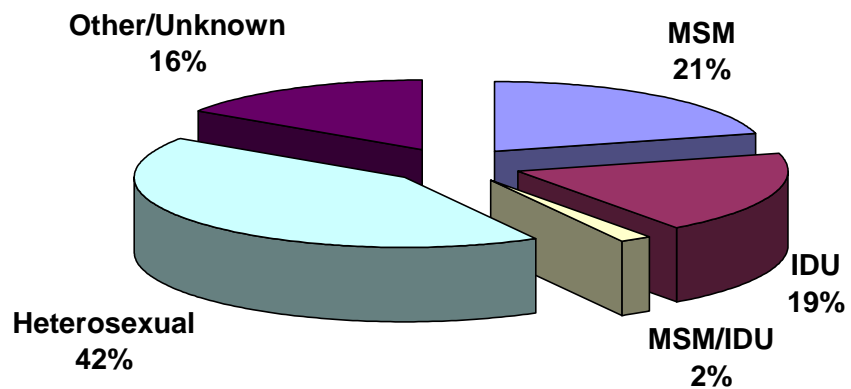
**Figure 6: Distribution of PLWHA by Race/Ethnicity within County - 2016**



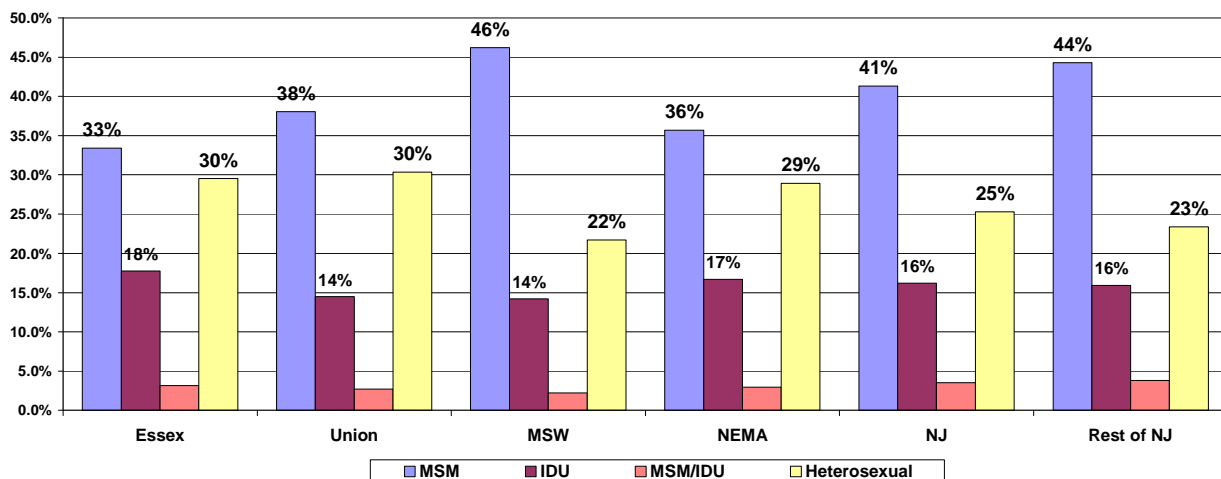


**Figure 7: Distribution of PLWHA by Exposure Category in Newark EMA - 2016**

Heterosexual exposure is the leading mode of transmission EMA-wide followed by Men who have Sex with Men (MSM) and Injection Drug Use (IDU). MSM replaced IDU as 2<sup>nd</sup> leading cause in 2013. In 2016 MSM continues to be the leading cause among males, for the second time in 16 years.



**Figure 8: Distribution of Male PLWHA by Male Exposure Category Within County - 2016**



**Figure 9: Distribution of Female PLWHA by Female Exposure Category Within County – 2016**

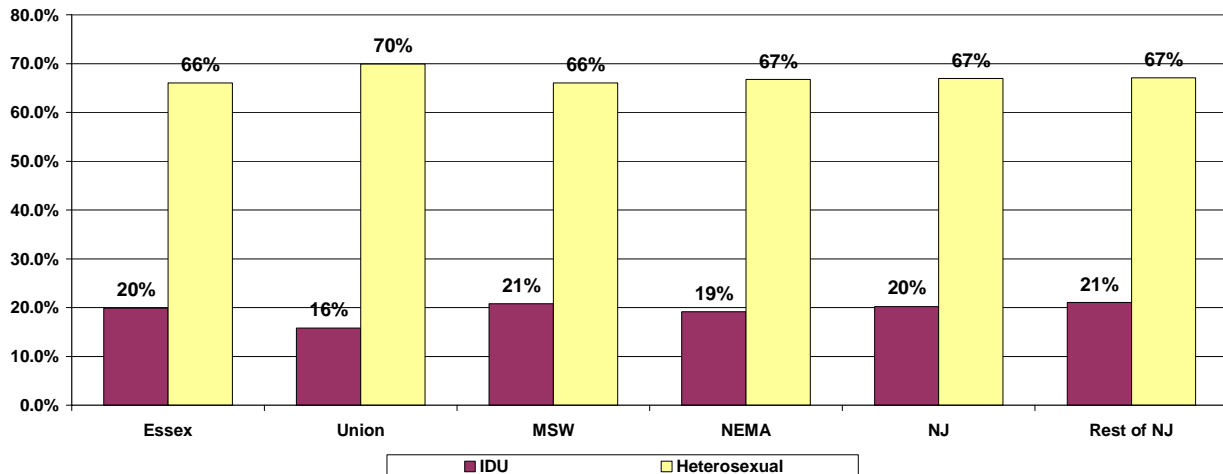


Figure 10: Distribution of PLWHA by 5 Largest Cities and Rest of NEMA

71% of the EMA’s PLWHA reside in its five largest cities. While this is a decline from the 74% in 2011, the total number of 9,693 PLWHA including 5,662 in Newark is very high. Resources must still be targeted to these five cities.

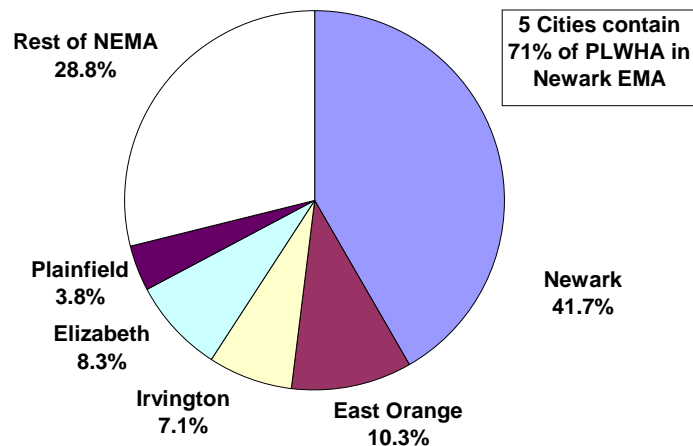


Table 2: PLWHA in EMA’s Five Largest Cities

| City         | PLWHA        | % NEMA       |
|--------------|--------------|--------------|
| Newark       | 5,662        | 41.4%        |
| East Orange  | 1,408        | 10.3%        |
| Irvington    | 971          | 7.1%         |
| Elizabeth    | 1,138        | 8.3%         |
| Plainfield   | 514          | 3.8%         |
| <b>TOTAL</b> | <b>9,693</b> | <b>70.9%</b> |

Figure 11: HIV Prevalence by Race/Ethnicity – by County, Total Newark EMA and NJ

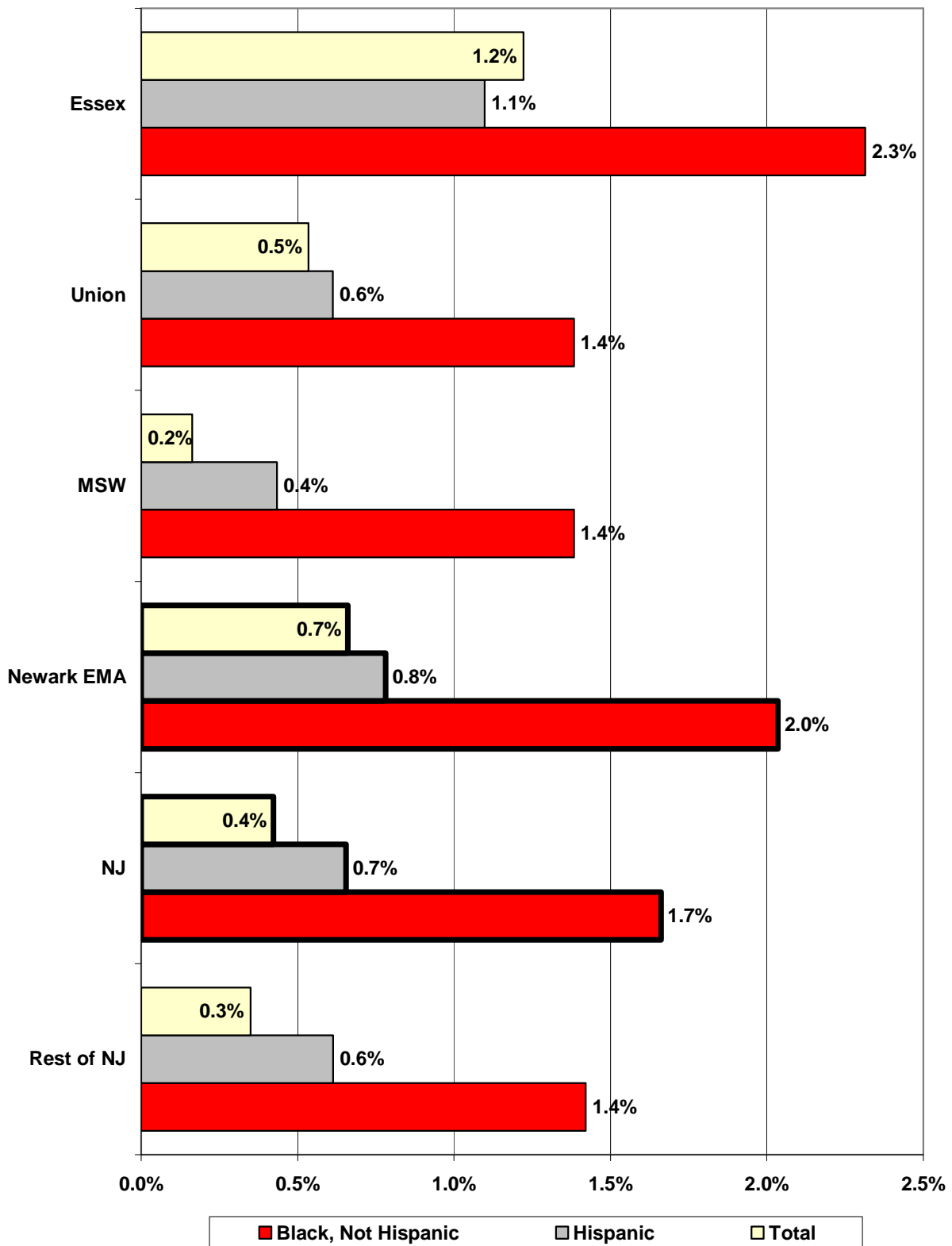
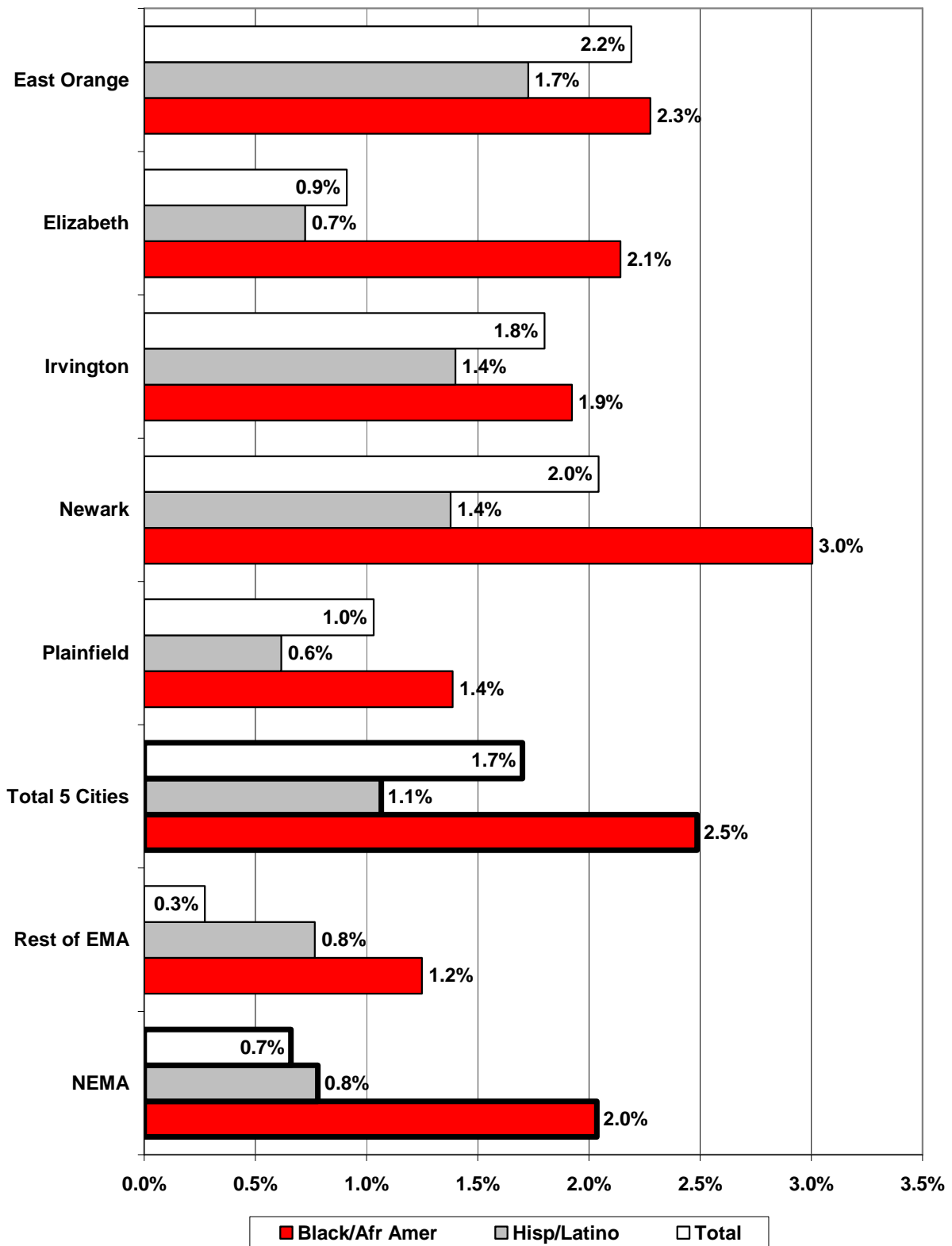


Figure 12: HIV Prevalence by Race/Ethnicity – by 5 Cities, Total Newark EMA and NJ



## TRENDS in HIV/AIDS Data 2006 to 2016

Figure 13: PLWHA in Newark EMA 2007 - 2016

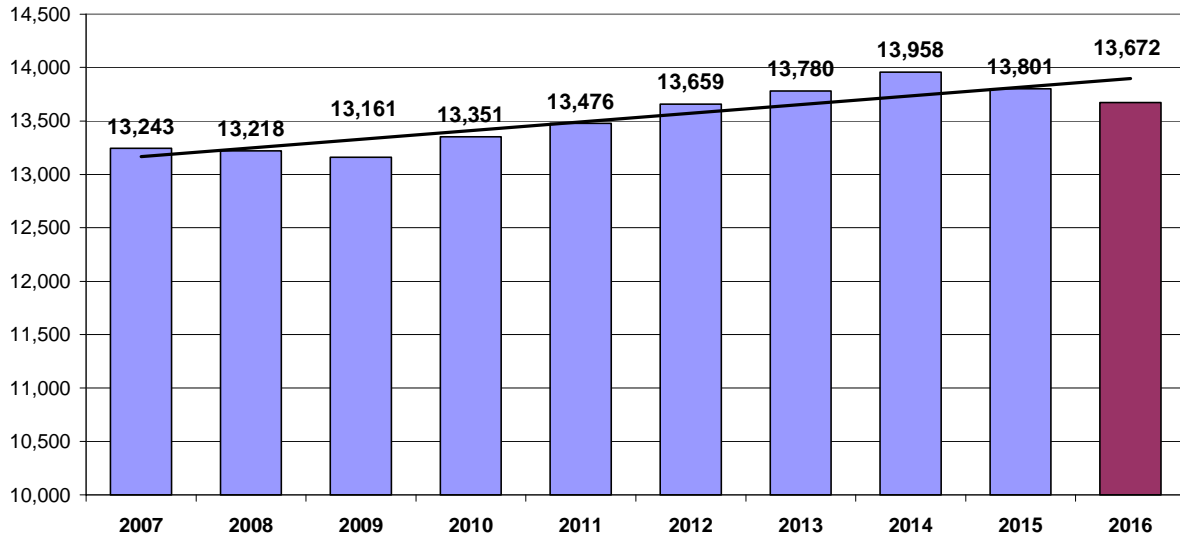


Figure 14: PLWHA in New Jersey 2007 - 2016

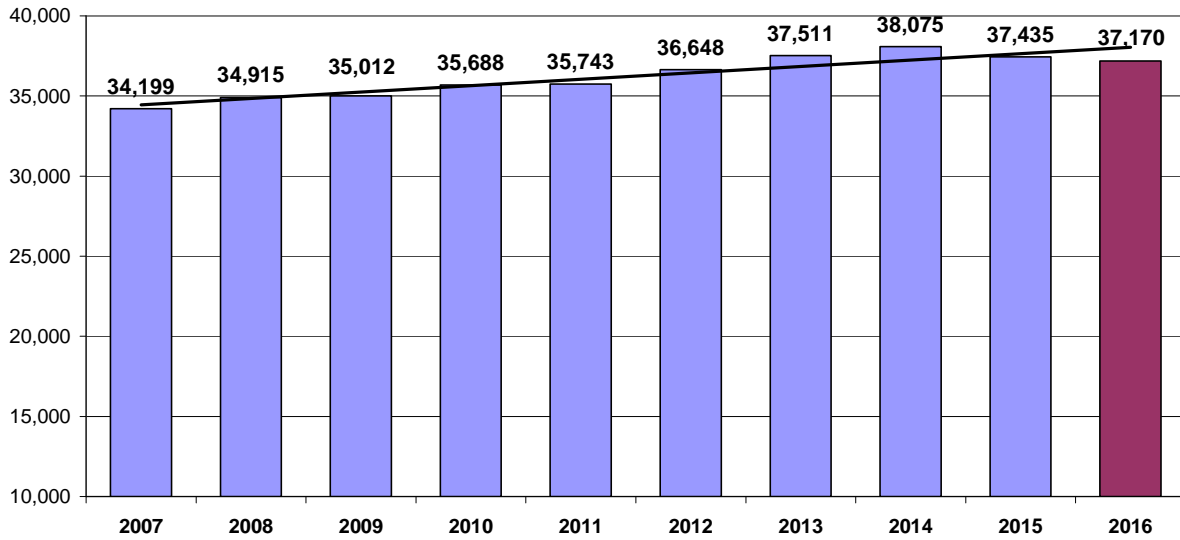


Figure 15: PLWHA in Newark EMA by Gender 2007 - 2016

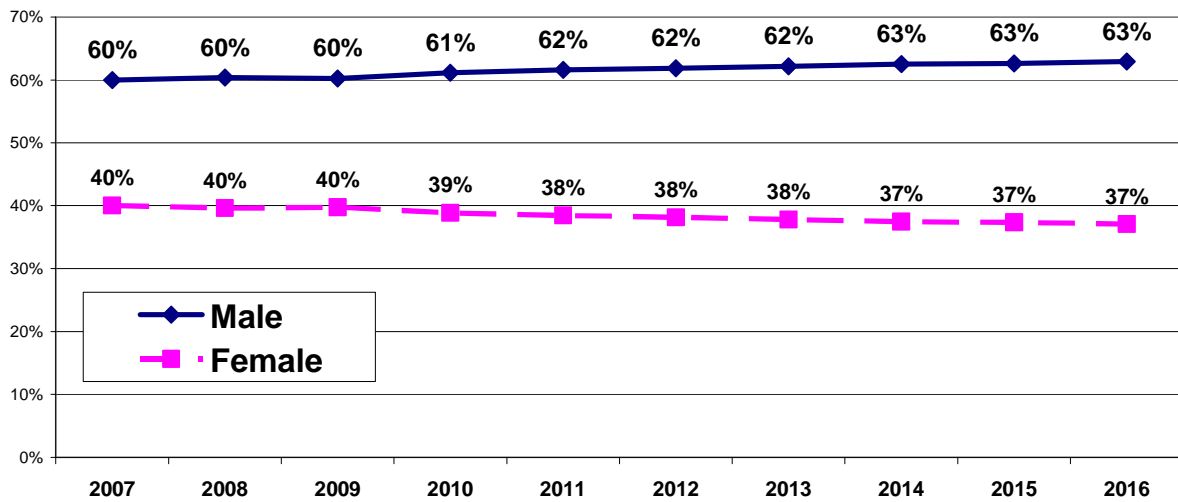


Figure 16: PLWHA in Newark EMA by Race/Ethnicity 2007 - 2016

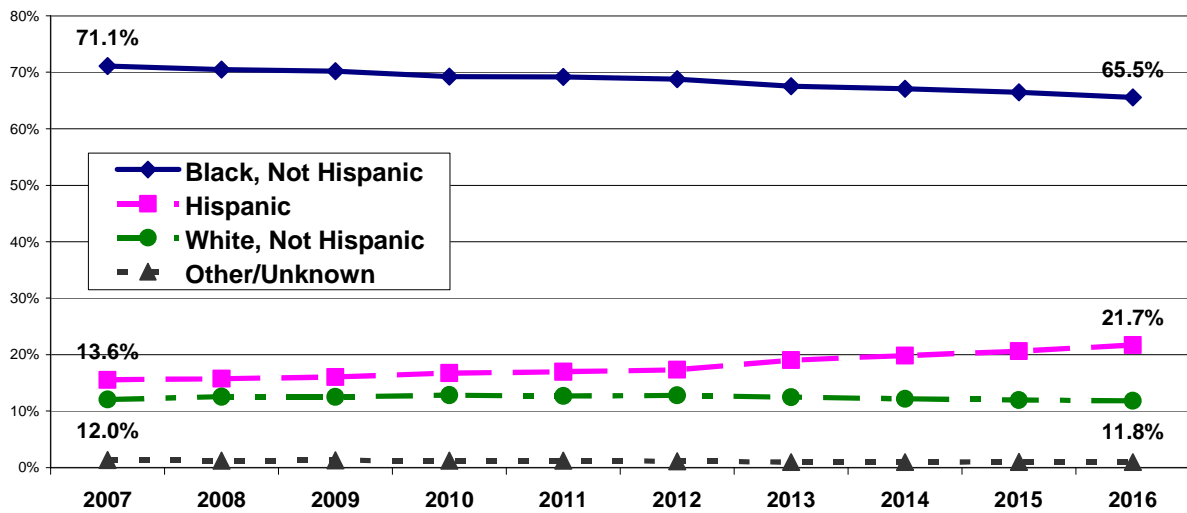


Figure 17: PLWHA in Newark EMA by Age Category 2007 - 2016

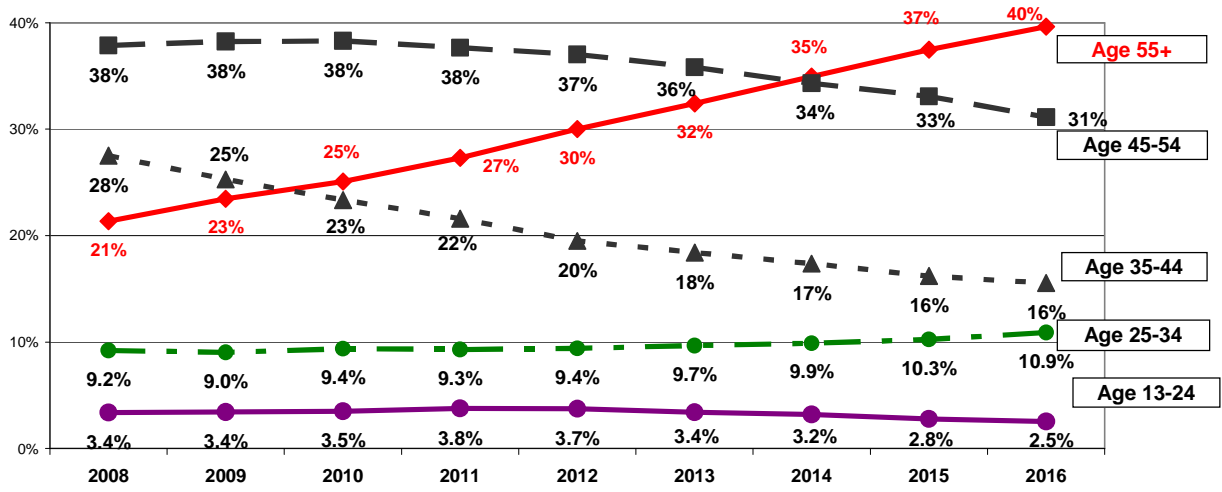


Figure 18: Male PLWHA in Newark EMA by Transmission Mode 2007 - 2016

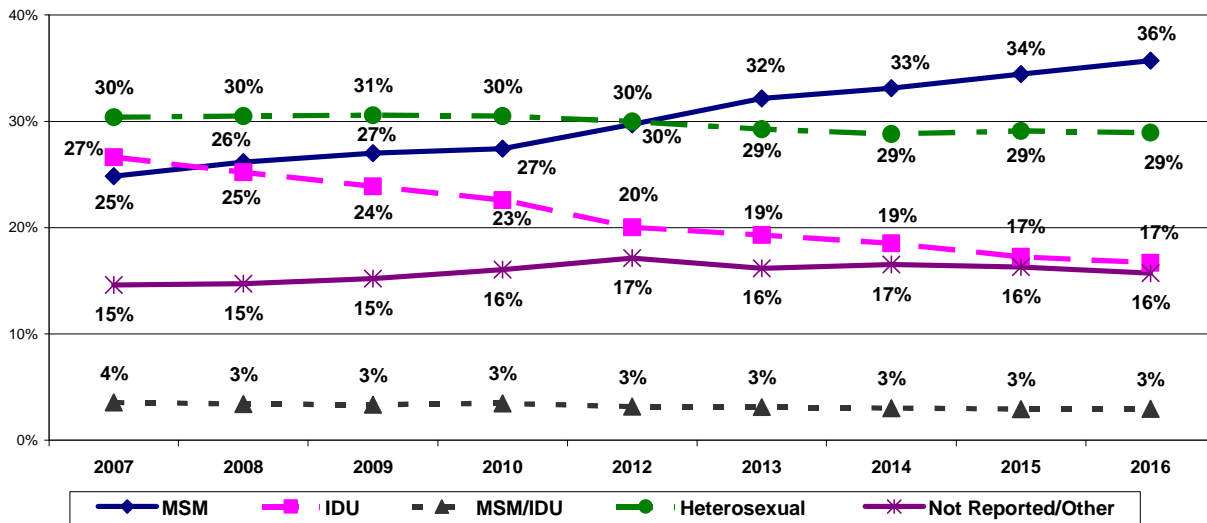


Figure 19: Female PLWHA in Newark EMA by Transmission Mode 2007 - 2016

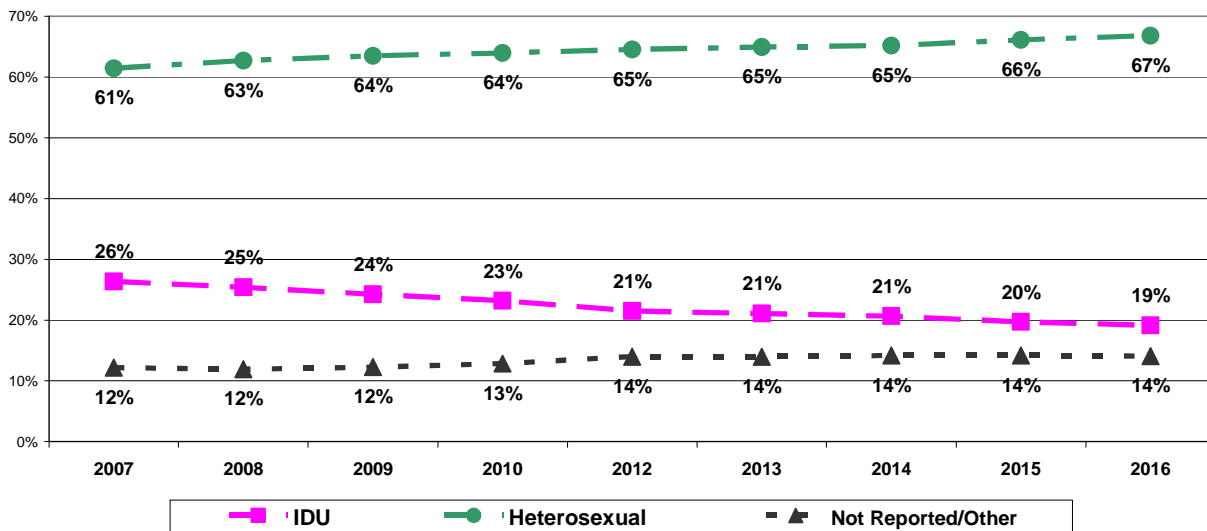




Figure 20: Distribution of PLWHA in Newark EMA by County/Region 2007 - 2016

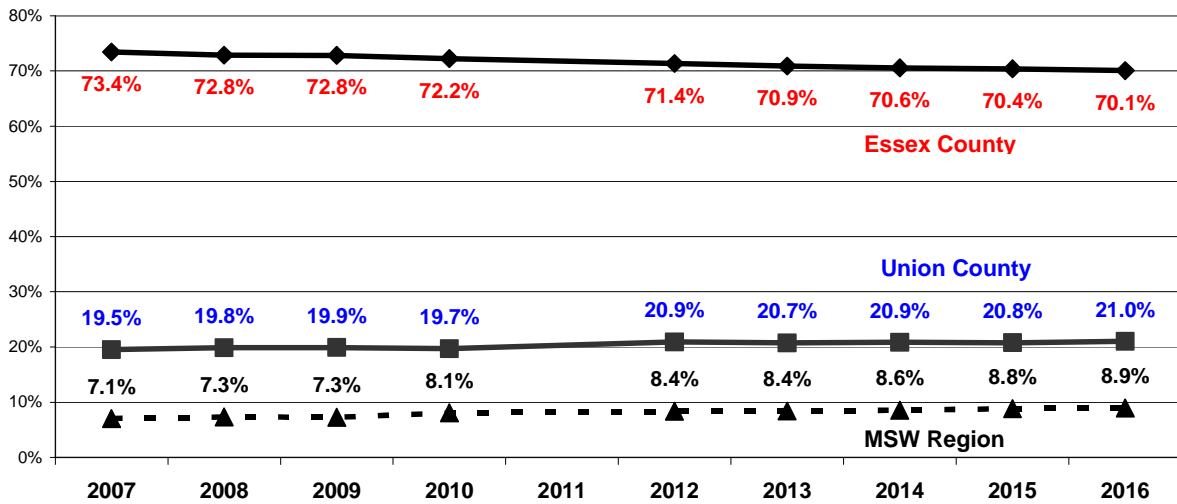
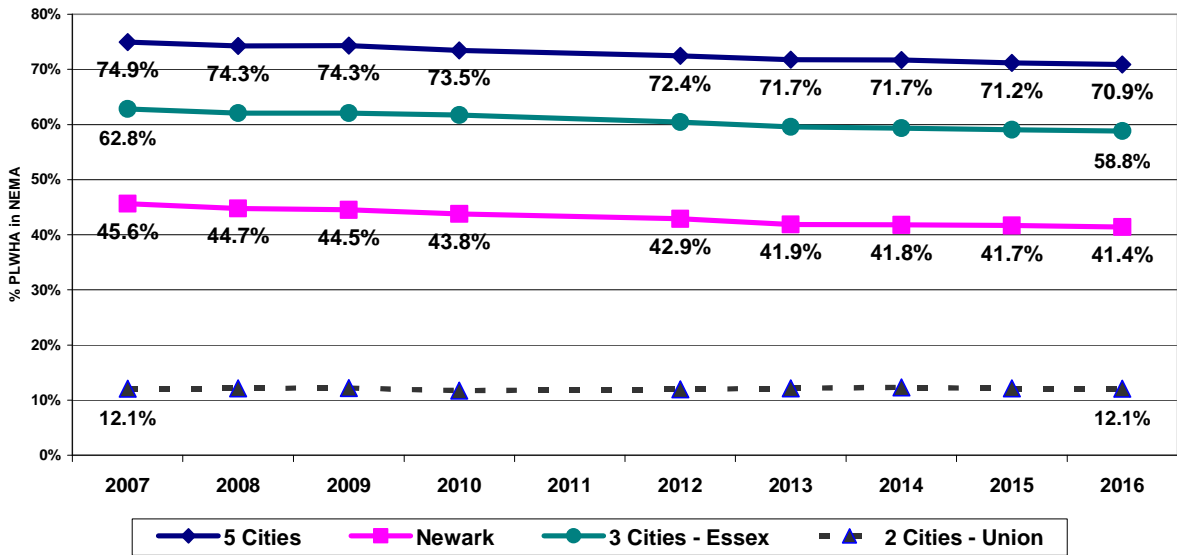


Figure 21: Urban Concentration of PLWHA in 5 Cities in Newark EMA 2007 - 2016



| 3 Cities – Essex County | 2 Cities – Union County |
|-------------------------|-------------------------|
| Newark                  | Elizabeth               |
| East Orange             | Plainfield              |
| Irvington               |                         |

## NEW HIV DIAGNOSES

Data on new HIV diagnoses for the Newark EMA are not available right now from the NJ Dept. of Health (NJDOH). This section contains statewide data on new HIV diagnoses. The source of data for this section is the presentation is the **New Jersey HIV/AIDS Epidemiologic Overview, 2016 –New Jersey Department of Health, Division of HIV, STD, TB Services, May 19, 2017.**

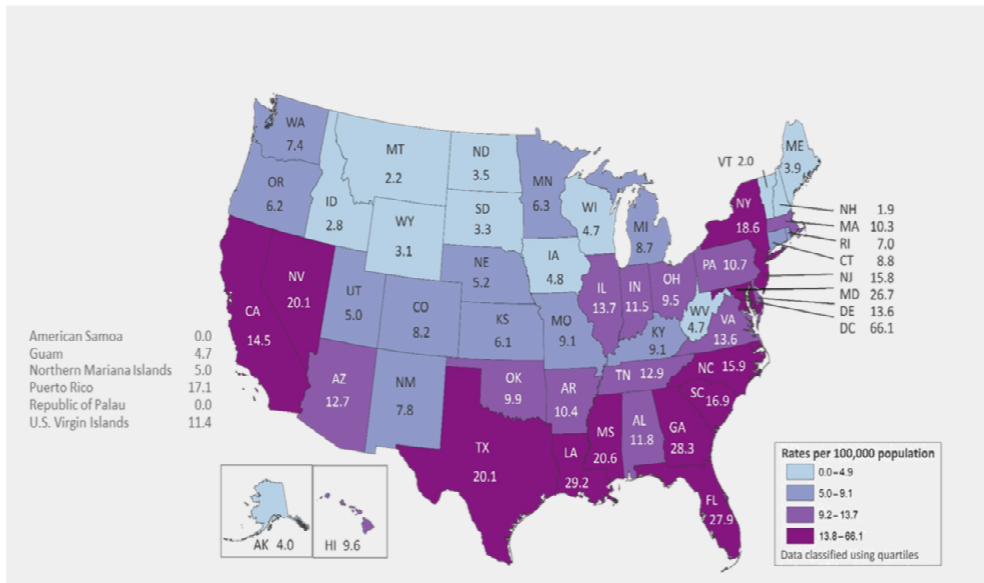
### HIV Infection in New Jersey

- New Jersey ranked 6<sup>th</sup> among the 50 states in the rate of adults and adolescents living with HIV/AIDS in 2014 and 10<sup>th</sup> in the rate of adults and adolescents diagnosed with HIV/AIDS in 2015.
- Cumulatively, 80,208 cases of HIV/AIDS have been reported in New Jersey. As of December 31, 2016, 37,170 individuals were known to be alive and residing in New Jersey. Prevalent cases include 17,637 (47.5%) persons living with HIV and 19,533 (52.5%) persons living with AIDS.
- **Between 2008 and 2014, the number of new adult/adolescent HIV/AIDS diagnoses decreased 18%. This paralleled the national 18% decrease.**
- In 2014, there were 1,187 new HIV/AIDS diagnoses in New Jersey. The **greatest # of HIV/AIDS diagnoses occurred among:**
  - **Hispanic/Latino MSM** (not including MSM/IDU) - 200;
  - Black Heterosexual Men - 190;
  - Black MSM (not including MSM/IDU) - 170;
  - Black Heterosexual Women -143.
- The percentage of simultaneous HIV and AIDS diagnoses has remained consistent over the last decade at roughly 25%.
- The percentage of pediatric infections was just 2% in 2015 (3) and 2016 (2); while there were no infections reported in 2014.

### HIV Infection in New Jersey vs. Rest of the USA

- The rates of diagnosis of HIV infection among adults and adolescents in 2015 was **15.8 per 100,000 in New Jersey and 14.7 per 100,000 nationwide.** New Jersey is among the 12 states with the highest rates of HIV infection (13.8 – 66.1 per 100,000). See Below

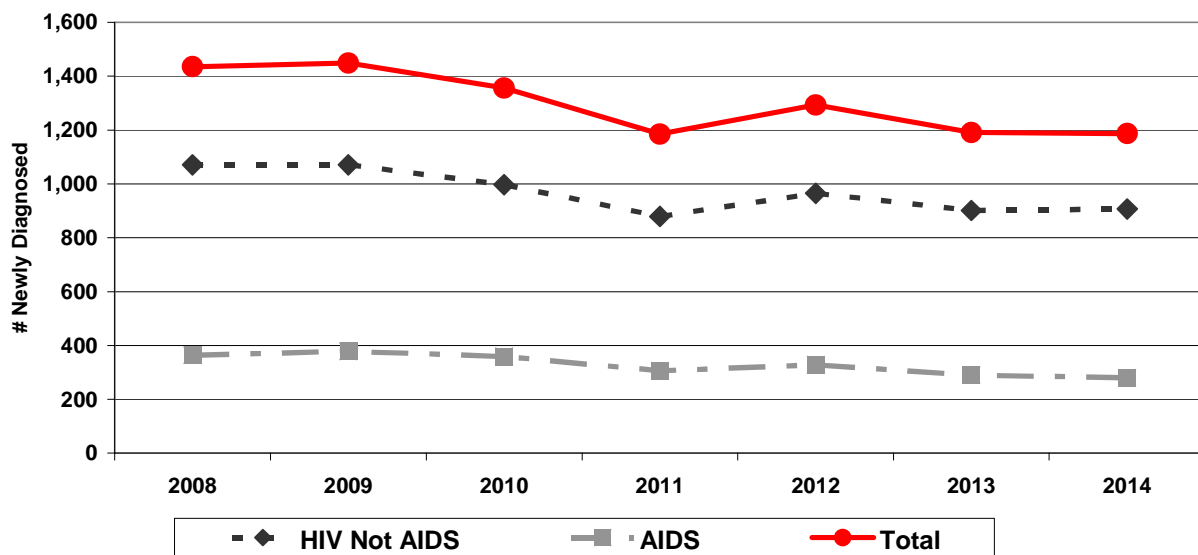
Rates of Diagnoses of HIV Infection among Adults and Adolescents, 2015—United States and 6 Dependent Areas  
 Estimated N = 39,920 Total Rate = 14.7



## HIV/AIDS Diagnoses by Stage of Disease New Jersey, 2008 - 2014

In the 6-year period from 2008-2014, there was a greater decrease among persons diagnosed with AIDS (23%) versus those with HIV (15%). This indicates that more individuals are being diagnosed earlier in the stage of HIV disease.

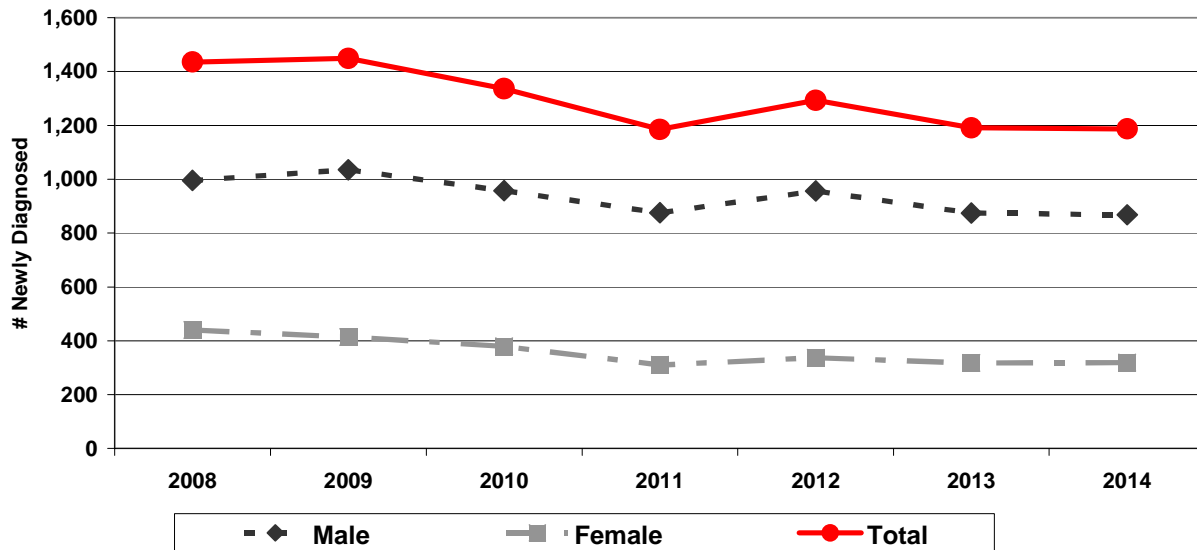
| Stage of Disease | 2008         | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | Change 2008-2014 |               |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
|                  |              |              |              |              |              |              |              | #                | %             |
| HIV Not AIDS     | 1,071        | 1,071        | 997          | 879          | 965          | 901          | 907          | -164             | -15.3%        |
| AIDS             | 364          | 378          | 359          | 306          | 328          | 290          | 280          | -84              | -23.1%        |
| <b>Total</b>     | <b>1,435</b> | <b>1,449</b> | <b>1,356</b> | <b>1,185</b> | <b>1,293</b> | <b>1,191</b> | <b>1,187</b> | <b>-248</b>      | <b>-17.3%</b> |
| HIV Not AIDS     | 74.6%        | 73.9%        | 73.5%        | 74.2%        | 74.6%        | 75.7%        | 76.4%        |                  |               |
| AIDS             | 25.4%        | 26.1%        | 26.5%        | 25.8%        | 25.4%        | 24.3%        | 23.6%        |                  |               |



## HIV/AIDS Diagnoses by Gender New Jersey, 2008 - 2014

There was a decline in diagnoses by gender for the 6-year period 2008-2014 with the percent of females diagnosed with HIV decline by 27% and males by 13% for an overall reduction of 17%

| Gender       | 2008         | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | Change 2008-2014 |               |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
|              |              |              |              |              |              |              |              | #                | %             |
| Male         | 995          | 1,035        | 957          | 875          | 956          | 874          | 868          | -127             | -12.8%        |
| Female       | 440          | 414          | 379          | 310          | 337          | 317          | 319          | -121             | -27.5%        |
| <b>Total</b> | <b>1,435</b> | <b>1,449</b> | <b>1,336</b> | <b>1,185</b> | <b>1,293</b> | <b>1,191</b> | <b>1,187</b> | <b>-248</b>      | <b>-17.3%</b> |
| Male         | 69.3%        | 71.4%        | 71.6%        | 73.8%        | 73.9%        | 73.4%        | 73.1%        |                  |               |
| Female       | 30.7%        | 28.6%        | 28.4%        | 26.2%        | 26.1%        | 26.6%        | 26.9%        |                  |               |



### HIV/AIDS Among Females

- New Jersey has historically had one of the highest proportions of HIV infections occurring in females. Nationally, New Jersey ranked 7<sup>th</sup> in the number of HIV diagnoses among females in 2015, while in 2014 we ranked 5<sup>th</sup>. The number of diagnoses among females declined by 27% between 2008 and 2014 (decline for males was 13%).
- In NJ, 26.9% of adolescent and adult HIV/AIDS diagnoses in 2014 were among females.
- **32.7% of 2016 NJ prevalent cases are among females compared to a quarter (25%) of prevalent cases nationally.** In 2014, NJ ranked 4th in the rate of adults and adolescent females living with HIV. **In 2014 in the Newark EMA, 37.5% of PLWHA were female. In 2016 in the Newark EMA, 37.1% of PLWHA are female.**

## HIV/AIDS AMONG TRANSGENDERS

Data on transgender PLWHA for the Newark EMA are not available right now from the NJ Dept. of Health (NJDOH). This section contains statewide data on HIV positive transgender persons. The source of data for this section is the presentation is the **New Jersey HIV/AIDS Epidemiologic Overview, 2016 – New Jersey Department of Health, Division of HIV, STD, TB Services, May 19, 2017.**

- Transgender indicates a difference between 1) Sex at birth and 2) Current gender identity.
- Ninety-five (95) transgender persons were cumulatively diagnosed with HIV among New Jersey residents as of December 31, 2016.
- Seven (7) were diagnosed with HIV prior to 1990, 26 between 1990 and 1999, 25 between 2000 to 2009 and 37 since 2010.
- Seventy-eight percent (78%) of transgender persons were known to be alive through December 31, 2016.
- Six (6) have had an episode of incarceration; 4 ever had an episode of homelessness (these categories are not mutually exclusive).

**In 2016 the Newark EMA provided RWHAP Part A services to 45 PLWHA who identified as transgender.**

Although this is 58% of the 77 HIV prevalent transgender statewide, these Part A clients cannot be used to approximate the number or percent of PLWHA in New Jersey who identify as transgender.

### Transgender Cases -- New Jersey, December 31, 2016

| Cumulative Cases (N=95) |    |     | Prevalent Cases (N=77)  |           |            |
|-------------------------|----|-----|-------------------------|-----------|------------|
| <u>Gender</u>           | N  | %   | <u>Gender</u>           | N         | %          |
| M to Female             | 92 | 97% | <b>M to Female</b>      | <b>74</b> | <b>96%</b> |
| F to Male               | 1  | 1%  | F to Male               | 1         | 1%         |
| Other Gender Identity   | 2  | 2%  | Other Gender Identity   | 2         | 3%         |
| <u>Race/Ethnicity</u>   | N  | %   | <u>Race/Ethnicity</u>   | N         | %          |
| White                   | 5  | 5%  | White                   | 5         | 6%         |
| Black                   | 56 | 59% | <b>Black</b>            | <b>46</b> | <b>60%</b> |
| Hispanic                | 34 | 36% | Hispanic                | 26        | 34%        |
| <u>Age at Diagnosis</u> | N  | %   | <u>Age at Diagnosis</u> | N         | %          |
| 13-24                   | 29 | 31% | 13-24                   | 25        | 32%        |
| 25-34                   | 44 | 46% | <b>25-34</b>            | <b>35</b> | <b>45%</b> |
| 35-44                   | 14 | 15% | 35-44                   | 12        | 16%        |
| 45+                     | 8  | 8%  | 45+                     | 5         | 6%         |
| <u>Transmission</u>     | N  | %   | <u>Transmission</u>     | N         | %          |
| Sex                     | 83 | 87% | <b>Sex</b>              | <b>49</b> | <b>87%</b> |
| IDU-Related             | 2  | 2%  | IDU-Related             | 6         | 3%         |
| Unknown                 | 10 | 11% | Unknown                 | 8         | 10%        |

## DATA TABLES 2016

The tables below show the actual data and percentages for the EMA and five counties and Morris, Sussex, Warren Region. Data are from NJDOH Division of HIV/AIDS.

|                                     | AS OF DECEMBER 31, 2016 |              |               |               |               |               |
|-------------------------------------|-------------------------|--------------|---------------|---------------|---------------|---------------|
|                                     | Number                  |              |               | Percent       |               |               |
| NEWARK EMA                          | Male                    | Female       | Total         | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |              |               | <b>62.9%</b>  | <b>37.1%</b>  | <b>100.0%</b> |
| HIV                                 | 4,065                   | 2,534        | 6,599         | 47.3%         | 50.0%         | 48.3%         |
| AIDS                                | 4,535                   | 2,538        | 7,073         | 52.7%         | 50.0%         | 51.7%         |
| <b>Total</b>                        | <b>8,600</b>            | <b>5,072</b> | <b>13,672</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |              |               |               |               |               |
| < 13                                | 14                      | 21           | 35            | 0.2%          | 0.4%          | 0.3%          |
| 13 – 24                             | 216                     | 132          | 348           | 2.5%          | 2.6%          | 2.5%          |
| 25 – 34                             | 1,074                   | 416          | 1,490         | 12.5%         | 8.2%          | 10.9%         |
| 35 – 44                             | 1,281                   | 845          | 2,126         | 14.9%         | 16.7%         | 15.6%         |
| 45 – 54                             | 2,521                   | 1,734        | 4,255         | 29.3%         | 34.2%         | 31.1%         |
| 55+                                 | 3,494                   | 1,924        | 5,418         | 40.6%         | 37.9%         | 39.6%         |
| <b>Total</b>                        | <b>8,600</b>            | <b>5,072</b> | <b>13,672</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>Age 45+</b>                      | <b>6,015</b>            | <b>3,658</b> | <b>9,673</b>  | <b>69.9%</b>  | <b>72.1%</b>  | <b>70.8%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |              |               |               |               |               |
| Hispanic                            | 2,082                   | 884          | 2,966         | 24.2%         | 17.4%         | 21.7%         |
| Black, Not Hispanic                 | 5,172                   | 3,789        | 8,961         | 60.1%         | 74.7%         | 65.5%         |
| White, Not Hispanic                 | 1,254                   | 359          | 1,613         | 14.6%         | 7.1%          | 11.8%         |
| Other/Unknown                       | 92                      | 40           | 132           | 1.1%          | 0.8%          | 1.0%          |
| <b>Total</b>                        | <b>8,600</b>            | <b>5,072</b> | <b>13,672</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>R/E Minority</b>                 | <b>7,254</b>            | <b>4,673</b> | <b>11,927</b> | <b>84.3%</b>  | <b>92.1%</b>  | <b>87.2%</b>  |
| <b><i>Transmission Category</i></b> |                         |              |               |               |               |               |
| MSM                                 | 3,070                   | 0            | 3,070         | 35.7%         | 0.0%          | 22.5%         |
| IDU                                 | 1,435                   | 970          | 2,405         | 16.7%         | 19.1%         | 17.6%         |
| MSM/IDU                             | 255                     | 0            | 255           | 3.0%          | 0.0%          | 1.9%          |
| Heterosexual                        | 2,487                   | 3,388        | 5,875         | 28.9%         | 66.8%         | 43.0%         |
| Not Reported/Other                  | 1,353                   | 714          | 2,067         | 15.7%         | 14.1%         | 15.1%         |
| <b>Total</b>                        | <b>8,600</b>            | <b>5,072</b> | <b>13,672</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

| ESSEX COUNTY                        | AS OF DECEMBER 31, 2016 |              |              |               |               |               |
|-------------------------------------|-------------------------|--------------|--------------|---------------|---------------|---------------|
|                                     | Number                  |              |              | Percent       |               |               |
|                                     | Male                    | Female       | Total        | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |              |              | <b>61.2%</b>  | <b>38.8%</b>  | <b>100.0%</b> |
| HIV                                 | 2,859                   | 1,907        | 4,766        | 48.8%         | 51.3%         | 49.8%         |
| AIDS                                | 3,001                   | 1,811        | 4,812        | 51.2%         | 48.7%         | 50.2%         |
| <b>Total</b>                        | <b>5,860</b>            | <b>3,718</b> | <b>9,578</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |              |              |               |               |               |
| < 13                                | 9                       | 18           | 27           | 0.2%          | 0.5%          | 0.3%          |
| 13 - 24                             | 174                     | 99           | 273          | 3.0%          | 2.7%          | 2.9%          |
| 25 - 34                             | 752                     | 317          | 1,069        | 12.8%         | 8.5%          | 11.2%         |
| 35 - 44                             | 864                     | 627          | 1,491        | 14.7%         | 16.9%         | 15.6%         |
| 45 - 54                             | 1,667                   | 1,267        | 2,934        | 28.4%         | 34.1%         | 30.6%         |
| 55+                                 | 2,394                   | 1,390        | 3,784        | 40.9%         | 37.4%         | 39.5%         |
| <b>Total</b>                        | <b>5,860</b>            | <b>3,718</b> | <b>9,578</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>Age 45+</b>                      | <b>4,061</b>            | <b>2,657</b> | <b>6,718</b> | <b>69.3%</b>  | <b>71.5%</b>  | <b>70.1%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |              |              |               |               |               |
| Hispanic                            | 1,199                   | 548          | 1,747        | 20.5%         | 14.7%         | 18.2%         |
| Black, Not Hispanic                 | 4,121                   | 3,016        | 7,137        | 70.3%         | 81.1%         | 74.5%         |
| White, Not Hispanic                 | 495                     | 124          | 619          | 8.4%          | 3.3%          | 6.5%          |
| Other/Unknown                       | 45                      | 30           | 75           | 0.8%          | 0.8%          | 0.8%          |
| <b>Total</b>                        | <b>5,860</b>            | <b>3,718</b> | <b>9,578</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>R/E Minority</b>                 | <b>5,320</b>            | <b>3,564</b> | <b>8,884</b> | <b>90.8%</b>  | <b>95.9%</b>  | <b>92.8%</b>  |
| <b><i>Transmission Category</i></b> |                         |              |              |               |               |               |
| MSM                                 | 1,957                   | 0            | 1,957        | 33.4%         | 0.0%          | 20.4%         |
| IDU                                 | 1,041                   | 738          | 1,779        | 17.8%         | 19.8%         | 18.6%         |
| MSM/IDU                             | 185                     | 0            | 185          | 3.2%          | 0.0%          | 1.9%          |
| Heterosexual                        | 1,730                   | 2,455        | 4,185        | 29.5%         | 66.0%         | 43.7%         |
| Not Reported/Other                  | 947                     | 525          | 1,472        | 16.2%         | 14.1%         | 15.4%         |
| <b>Total</b>                        | <b>5,860</b>            | <b>3,718</b> | <b>9,578</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |



| MORRIS COUNTY                       | AS OF DECEMBER 31, 2016 |            |            |               |               |               |
|-------------------------------------|-------------------------|------------|------------|---------------|---------------|---------------|
|                                     | Number                  |            |            | Percent       |               |               |
|                                     | Male                    | Female     | Total      | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |            |            | <b>72.3%</b>  | <b>27.7%</b>  | <b>100.0%</b> |
| HIV                                 | 280                     | 119        | 399        | 44.9%         | 49.8%         | 46.3%         |
| AIDS                                | 343                     | 120        | 463        | 55.1%         | 50.2%         | 53.7%         |
| <b>Total</b>                        | <b>623</b>              | <b>239</b> | <b>862</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |            |            |               |               |               |
| < 13                                | 0                       | 0          | 0          | 0.0%          | 0.0%          | 0.0%          |
| 13 - 24                             | 8                       | 6          | 14         | 1.3%          | 2.5%          | 1.6%          |
| 25 - 34                             | 59                      | 22         | 81         | 9.5%          | 9.2%          | 9.4%          |
| 35 - 44                             | 97                      | 26         | 123        | 15.6%         | 10.9%         | 14.3%         |
| 45 - 54                             | 198                     | 91         | 289        | 31.8%         | 38.1%         | 33.5%         |
| 55+                                 | 261                     | 94         | 355        | 41.9%         | 39.3%         | 41.2%         |
| <b>Total</b>                        | <b>623</b>              | <b>239</b> | <b>862</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Age 45+</i></b>               | <b>459</b>              | <b>185</b> | <b>644</b> | <b>73.7%</b>  | <b>77.4%</b>  | <b>74.7%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |            |            |               |               |               |
| Hispanic                            | 184                     | 64         | 248        | 29.5%         | 26.8%         | 28.8%         |
| Black, Not Hispanic                 | 128                     | 69         | 197        | 20.5%         | 28.9%         | 22.9%         |
| White, Not Hispanic                 | 294                     | 100        | 394        | 47.2%         | 41.8%         | 45.7%         |
| Other/Unknown                       | 17                      | 6          | 23         | 2.7%          | 2.5%          | 2.7%          |
| <b>Total</b>                        | <b>623</b>              | <b>239</b> | <b>862</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>R/E Minority</i></b>          | <b>312</b>              | <b>133</b> | <b>445</b> | <b>50.1%</b>  | <b>55.6%</b>  | <b>51.6%</b>  |
| <b><i>Transmission Category</i></b> |                         |            |            |               |               |               |
| MSM                                 | 301                     | 0          | 301        | 48.3%         | 0.0%          | 34.9%         |
| IDU                                 | 82                      | 51         | 133        | 13.2%         | 21.3%         | 15.4%         |
| MSM/IDU                             | 15                      | 0          | 15         | 2.4%          | 0.0%          | 1.7%          |
| Heterosexual                        | 134                     | 151        | 285        | 21.5%         | 63.2%         | 33.1%         |
| Not Reported/Other                  | 91                      | 37         | 128        | 14.6%         | 15.5%         | 14.8%         |
| <b>Total</b>                        | <b>623</b>              | <b>239</b> | <b>862</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

| SUSSEX COUNTY                       | AS OF DECEMBER 31, 2016 |           |            |               |               |               |
|-------------------------------------|-------------------------|-----------|------------|---------------|---------------|---------------|
|                                     | Number                  |           |            | Percent       |               |               |
|                                     | Male                    | Female    | Total      | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |           |            | <b>66.3%</b>  | <b>33.7%</b>  | <b>100.0%</b> |
| HIV                                 | 42                      | 30        | 72         | 36.8%         | 51.7%         | 41.9%         |
| AIDS                                | 72                      | 28        | 100        | 63.2%         | 48.3%         | 58.1%         |
| <b>Total</b>                        | <b>114</b>              | <b>58</b> | <b>172</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |           |            |               |               |               |
| < 13                                | 0                       | 0         | 0          | 0.0%          | 0.0%          | 0.0%          |
| 13 - 24                             | 2                       | 1         | 3          | 1.8%          | 1.7%          | 1.7%          |
| 25 - 34                             | 5                       | 3         | 8          | 4.4%          | 5.2%          | 4.7%          |
| 35 - 44                             | 15                      | 7         | 22         | 13.2%         | 12.1%         | 12.8%         |
| 45 - 54                             | 35                      | 28        | 63         | 30.7%         | 48.3%         | 36.6%         |
| 55+                                 | 57                      | 19        | 76         | 50.0%         | 32.8%         | 44.2%         |
| <b>Total</b>                        | <b>114</b>              | <b>58</b> | <b>172</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Age 45+</i></b>               | <b>92</b>               | <b>47</b> | <b>139</b> | <b>80.7%</b>  | <b>81.0%</b>  | <b>80.8%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |           |            |               |               |               |
| Hispanic                            | 22                      | 6         | 28         | 19.3%         | 10.3%         | 16.3%         |
| Black, Not Hispanic                 | 20                      | 15        | 35         | 17.5%         | 25.9%         | 20.3%         |
| White, Not Hispanic                 | 72                      | 37        | 109        | 63.2%         | 63.8%         | 63.4%         |
| Other/Unknown                       | 0                       | 0         | 0          | 0.0%          | 0.0%          | 0.0%          |
| <b>Total</b>                        | <b>114</b>              | <b>58</b> | <b>172</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>R/E Minority</i></b>          | <b>42</b>               | <b>21</b> | <b>63</b>  | <b>36.8%</b>  | <b>36.2%</b>  | <b>36.6%</b>  |
| <b><i>Transmission Category</i></b> |                         |           |            |               |               |               |
| MSM                                 | 49                      | 0         | 49         | 43.0%         | 0.0%          | 28.5%         |
| IDU                                 | 17                      | 11        | 28         | 14.9%         | 19.0%         | 16.3%         |
| MSM/IDU                             | 2                       | 0         | 2          | 1.8%          | 0.0%          | 1.2%          |
| Heterosexual                        | 20                      | 41        | 61         | 17.5%         | 70.7%         | 35.5%         |
| Not Reported/Other                  | 26                      | 6         | 32         | 22.8%         | 10.3%         | 18.6%         |
| <b>Total</b>                        | <b>114</b>              | <b>58</b> | <b>172</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

| UNION COUNTY                        | AS OF DECEMBER 31, 2016 |            |              |               |               |               |
|-------------------------------------|-------------------------|------------|--------------|---------------|---------------|---------------|
|                                     | Number                  |            |              | Percent       |               |               |
|                                     | Male                    | Female     | Total        | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |            |              | <b>65.3%</b>  | <b>34.7%</b>  | <b>100.0%</b> |
| HIV                                 | 826                     | 452        | 1,278        | 44.1%         | 45.3%         | 44.5%         |
| AIDS                                | 1,048                   | 546        | 1,594        | 55.9%         | 54.7%         | 55.5%         |
| <b>Total</b>                        | <b>1,874</b>            | <b>998</b> | <b>2,872</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |            |              |               |               |               |
| < 13                                | 5                       | 3          | 8            | 0.3%          | 0.3%          | 0.3%          |
| 13 - 24                             | 29                      | 25         | 54           | 1.5%          | 2.5%          | 1.9%          |
| 25 - 34                             | 249                     | 70         | 319          | 13.3%         | 7.0%          | 11.1%         |
| 35 - 44                             | 289                     | 174        | 463          | 15.4%         | 17.4%         | 16.1%         |
| 45 - 54                             | 576                     | 321        | 897          | 30.7%         | 32.2%         | 31.2%         |
| 55+                                 | 726                     | 405        | 1,131        | 38.7%         | 40.6%         | 39.4%         |
| <b>Total</b>                        | <b>1,874</b>            | <b>998</b> | <b>2,872</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Age 45+</i></b>               | <b>1,302</b>            | <b>726</b> | <b>2,028</b> | <b>69.5%</b>  | <b>72.7%</b>  | <b>70.6%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |            |              |               |               |               |
| Hispanic                            | 648                     | 251        | 899          | 34.6%         | 25.2%         | 31.3%         |
| Black, Not Hispanic                 | 879                     | 666        | 1,545        | 46.9%         | 66.7%         | 53.8%         |
| White, Not Hispanic                 | 320                     | 77         | 397          | 17.1%         | 7.7%          | 13.8%         |
| Other/Unknown                       | 27                      | 4          | 31           | 1.4%          | 0.4%          | 1.1%          |
| <b>Total</b>                        | <b>1,874</b>            | <b>998</b> | <b>2,872</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>R/E Minority</i></b>          | <b>1,527</b>            | <b>917</b> | <b>2,444</b> | <b>81.5%</b>  | <b>91.9%</b>  | <b>85.1%</b>  |
| <b><i>Transmission Category</i></b> |                         |            |              |               |               |               |
| MSM                                 | 713                     | 0          | 713          | 38.0%         | 0.0%          | 24.8%         |
| IDU                                 | 271                     | 158        | 429          | 14.5%         | 15.8%         | 14.9%         |
| MSM/IDU                             | 51                      | 0          | 51           | 2.7%          | 0.0%          | 1.8%          |
| Heterosexual                        | 569                     | 698        | 1,267        | 30.4%         | 69.9%         | 44.1%         |
| Not Reported/Other                  | 270                     | 142        | 412          | 14.4%         | 14.2%         | 14.3%         |
| <b>Total</b>                        | <b>1,874</b>            | <b>998</b> | <b>2,872</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

| WARREN COUNTY                       | AS OF DECEMBER 31, 2016 |           |            |               |               |               |
|-------------------------------------|-------------------------|-----------|------------|---------------|---------------|---------------|
|                                     | Number                  |           |            | Percent       |               |               |
|                                     | Male                    | Female    | Total      | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |           |            | <b>68.6%</b>  | <b>31.4%</b>  | <b>100.0%</b> |
| HIV                                 | 58                      | 26        | 84         | 45.0%         | 44.1%         | 44.7%         |
| AIDS                                | 71                      | 33        | 104        | 55.0%         | 55.9%         | 55.3%         |
| <b>Total</b>                        | <b>129</b>              | <b>59</b> | <b>188</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |           |            |               |               |               |
| < 13                                | 0                       | 0         | 0          | 0.0%          | 0.0%          | 0.0%          |
| 13 - 24                             | 3                       | 1         | 4          | 2.3%          | 1.7%          | 2.1%          |
| 25 - 34                             | 9                       | 4         | 13         | 7.0%          | 6.8%          | 6.9%          |
| 35 - 44                             | 16                      | 11        | 27         | 12.4%         | 18.6%         | 14.4%         |
| 45 - 54                             | 45                      | 27        | 72         | 34.9%         | 45.8%         | 38.3%         |
| 55+                                 | 56                      | 16        | 72         | 43.4%         | 27.1%         | 38.3%         |
| <b>Total</b>                        | <b>129</b>              | <b>59</b> | <b>188</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Age 45+</i></b>               | <b>101</b>              | <b>43</b> | <b>144</b> | <b>78.3%</b>  | <b>72.9%</b>  | <b>76.6%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |           |            |               |               |               |
| Hispanic                            | 29                      | 15        | 44         | 22.5%         | 25.4%         | 23.4%         |
| Black, Not Hispanic                 | 24                      | 23        | 47         | 18.6%         | 39.0%         | 25.0%         |
| White, Not Hispanic                 | 73                      | 21        | 94         | 56.6%         | 35.6%         | 50.0%         |
| Other/Unknown                       | 3                       | 0         | 3          | 2.3%          | 0.0%          | 1.6%          |
| <b>Total</b>                        | <b>129</b>              | <b>59</b> | <b>188</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>R/E Minority</i></b>          | <b>53</b>               | <b>38</b> | <b>91</b>  | <b>41.1%</b>  | <b>64.4%</b>  | <b>48.4%</b>  |
| <b><i>Transmission Category</i></b> |                         |           |            |               |               |               |
| MSM                                 | 50                      | 0         | 50         | 38.8%         | 0.0%          | 26.6%         |
| IDU                                 | 24                      | 12        | 36         | 18.6%         | 20.3%         | 19.1%         |
| MSM/IDU                             | 2                       | 0         | 2          | 1.6%          | 0.0%          | 1.1%          |
| Heterosexual                        | 34                      | 43        | 77         | 26.4%         | 72.9%         | 41.0%         |
| Not Reported/Other                  | 19                      | 4         | 23         | 14.7%         | 6.8%          | 12.2%         |
| <b>Total</b>                        | <b>129</b>              | <b>59</b> | <b>188</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |

| MORRIS, SUSSEX,<br>WARREN COS.      | AS OF DECEMBER 31, 2016 |            |              |               |               |               |
|-------------------------------------|-------------------------|------------|--------------|---------------|---------------|---------------|
|                                     | Number                  |            |              | Percent       |               |               |
|                                     | Male                    | Female     | Total        | Male          | Female        | Total         |
| <b><i>Disease Category</i></b>      |                         |            |              | <b>70.9%</b>  | <b>29.1%</b>  | <b>100.0%</b> |
| HIV                                 | 380                     | 175        | 555          | 43.9%         | 49.2%         | 45.4%         |
| AIDS                                | 486                     | 181        | 667          | 56.1%         | 50.8%         | 54.6%         |
| <b>Total</b>                        | <b>866</b>              | <b>356</b> | <b>1,222</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Current Age</i></b>           |                         |            |              |               |               |               |
| < 13                                | 0                       | 0          | 0            | 0.0%          | 0.0%          | 0.0%          |
| 13 - 24                             | 13                      | 8          | 21           | 1.5%          | 2.2%          | 1.7%          |
| 25 - 34                             | 73                      | 29         | 102          | 8.4%          | 8.1%          | 8.3%          |
| 35 - 44                             | 128                     | 44         | 172          | 14.8%         | 12.4%         | 14.1%         |
| 45 - 54                             | 278                     | 146        | 424          | 32.1%         | 41.0%         | 34.7%         |
| 55+                                 | 374                     | 129        | 503          | 43.2%         | 36.2%         | 41.2%         |
| <b>Total</b>                        | <b>866</b>              | <b>356</b> | <b>1,222</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>Age 45+</i></b>               | <b>652</b>              | <b>275</b> | <b>927</b>   | <b>75.3%</b>  | <b>77.2%</b>  | <b>75.9%</b>  |
| <b><i>Race/Ethnicity</i></b>        |                         |            |              |               |               |               |
| Hispanic                            | 235                     | 85         | 320          | 27.1%         | 23.9%         | 26.2%         |
| Black, Not Hispanic                 | 172                     | 107        | 279          | 19.9%         | 30.1%         | 22.8%         |
| White, Not Hispanic                 | 439                     | 158        | 597          | 50.7%         | 44.4%         | 48.9%         |
| Other/Unknown                       | 20                      | 6          | 26           | 2.3%          | 1.7%          | 2.1%          |
| <b>Total</b>                        | <b>866</b>              | <b>356</b> | <b>1,222</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b><i>R/E Minority</i></b>          | <b>407</b>              | <b>192</b> | <b>599</b>   | <b>47.0%</b>  | <b>53.9%</b>  | <b>49.0%</b>  |
| <b><i>Transmission Category</i></b> |                         |            |              |               |               |               |
| MSM                                 | 400                     | 0          | 400          | 46.2%         | 0.0%          | 32.7%         |
| IDU                                 | 123                     | 74         | 197          | 14.2%         | 20.8%         | 16.1%         |
| MSM/IDU                             | 19                      | 0          | 19           | 2.2%          | 0.0%          | 1.6%          |
| Heterosexual                        | 188                     | 235        | 423          | 21.7%         | 66.0%         | 34.6%         |
| Not Reported/Other                  | 136                     | 47         | 183          | 15.7%         | 13.2%         | 15.0%         |
| <b>Total</b>                        | <b>866</b>              | <b>356</b> | <b>1,222</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |