NEWARK EMA

2019 HIV/AIDS EPIDEMIOLOGICAL PROFILE

HIV Surveillance Data as of December 31, 2018

September 2019

NEWARK EMA

2019 HIV/AIDS EPIDEMIOLOGICAL PROFILE
Data as of December 31, 2018

Table of Contents

Epidemiological Profile Summary 2019 for Priority Setting and Resource Allocation –FY 2020

2019 EPI PROFILE - Newark EMA

List of Tables

List of Figures

NEWARK EMA
EPIDEMIOLOGICAL PROFILE SUMMARY 2019 for
PRIORITY SETTING AND RESOURCE ALLOCATION - FY 2020

Data Element	2017 #	2017 %	2018 #	2018 %	Change 2017-2018 #	Change 2017-2018 %	Comments
Total PLWHA - Newark EMA	**13,728**		**13,826**		**98**	**0.7%**	PLWHA continued to increase in Newark EMA in 2018.
Characteristics of HIV Epidemic							
Gender		**% Distn**		**% Distn**			
Male	8,669	63.1%	8,781	63.5%	**112**	**1.3%**	The epidemic continued to increase among male
Female	5,059	36.9%	5,045	36.5%	**-14**	**-0.3%**	PLWHA in NEMA.
	13,728	**100.0%**	**13,826**	**100.0%**			
Current Age		**% Distn**		**% Distn**			
< 13	33	0.2%	24	0.2%	**-9**	**-27.3%**	Over 71% of PLWHA are age 45 and older but
13 - 24	318	2.3%	306	2.2%	**-12**	**-3.8%**	those age 45-54 are aging into the group age
25 - 34	1,501	10.9%	1,523	11.0%	**22**	**1.5%**	Likewise, those age 13-24 are aging into the
35 - 44	2,077	15.1%	2,096	15.2%	**19**	**0.9%**	group age 25-34.
45 - 54	3,990	29.1%	3,800	27.5%	**-190**	**-4.8%**	
55+	5,809	42.3%	6,077	44.0%	**268**	**4.6%**	
Age 45+	**9,799**	**71.4%**	**9,877**	**71.4%**			PLWHA age 45+ remain 71% of epidemic.
Race/Ethnicity		**% Distn**		**% Distn**			
Hispanic	3,066	22.3%	3,140	22.7%	**74**	**2.4%**	PLWHA of Hispanic ethnicity increased in 2018.
Black, Not Hispanic	8,907	64.9%	8,914	64.5%	**7**	**0.1%**	
White, Not Hispanic	1,620	11.8%	1,629	11.8%	**9**	**0.6%**	
Other/Unknown	135	1.0%	143	1.0%	**8**	**5.9%**	
Total Racial/Ethnic Minority	*11,973*	*87.2%*	*12,054*	*87.2%*	*81*	*0.7%*	

NEWARK EMA
EPIDEMIOLOGICAL PROFILE SUMMARY 2019 for
PRIORITY SETTING AND RESOURCE ALLOCATION - FY 2020

Data Element	2017 #	2017 %	2018 #	2018 %	Change 2017-2018 #	Change 2017-2018 %	Comments
Transmission Category							
MALES		**% Distn**		**% Distn**			
MSM	3,197	36.9%	3,319	37.8%	**122**	**3.8%**	NEMA epidemic among males is increasing
IDU	1,368	15.8%	1,321	15.0%	**-47**	**-3.4%**	among MSM.
MSM/IDU	254	2.9%	269	3.1%	**15**	**5.9%**	… and MSM IDUs. And Heterosexuals.
Heterosexual	2,497	28.8%	2,527	28.8%	**30**	**1.2%**	It is decreasing among IDUs.
Not Reported/Other	1,353	15.6%	1,345	15.3%	**-8**	**-0.6%**	
Total Males	**8,669**	**100.0%**	**8,781**	**100.0%**			
FEMALES		**% Distn**		**% Distn**			
MSM	0	0.0%	0	0.0%	**0**	**0.0%**	The NEMA epidemic among females is decreasing
IDU	942	18.6%	920	18.2%	**-22**	**-2.3%**	among IDUs and increasing among those
MSM/IDU	0	0.0%	0	0.0%	**0**	**0.0%**	exposed by heterosexual contact.
Heterosexual	3,392	67.0%	3,408	67.6%	**16**	**0.5%**	
Not Reported/Other	725	14.3%	717	14.2%	**-8**	**-1.1%**	
Total Females	**5,059**	**100.0%**	**5,045**	**100.0%**			
TOTAL PLWHA		**% Distn**		**% Distn**			
MSM	3,197	23.3%	3,319	24.0%	**122**	**3.8%**	
IDU	2,310	16.8%	2,241	16.2%	**-69**	**-3.0%**	
MSM/IDU	254	1.9%	269	1.9%	**15**	**5.9%**	
Heterosexual	5,889	42.9%	5,935	42.9%	**46**	**0.8%**	
Not Reported/Other	2,078	15.1%	2,062	14.9%	**-16**	**-0.8%**	

NEWARK EMA
EPIDEMIOLOGICAL PROFILE SUMMARY 2019 for
PRIORITY SETTING AND RESOURCE ALLOCATION - FY 2020

Data Element	2017 #	2017 %	2018 #	2018 %	Change 2017-2018 #	Change 2017-2018 %	Comments
GEOGRAPHY							
COUNTY		**% Distn**		**% Distn**			
Essex	9,601	69.9%	9,658	69.9%	**57**	**0.6%**	MSW region specifically Sussex and Warren
Union	2,883	21.0%	2,910	21.0%	**27**	**0.9%**	counties had an increase in PLWHA greater than
Morris	872	6.4%	873	6.3%	**1**	**0.1%**	the 0.7% increase in PLWHA NEMA-wide.
Sussex	174	1.3%	183	1.3%	**9**	**5.2%**	
Warren	198	1.4%	202	1.5%	**4**	**2.0%**	
MSW	**1,244**	**9.1%**	**1,258**	**9.1%**	**14**	**1.1%**	
5 Cities							
Newark	5,653	58.4%	5,679	58.4%	**26**	**0.5%**	The epidemic continues to increase in the EMA's
East Orange	1,397	14.4%	1,395	14.3%	**-2**	**-0.1%**	5 largest cities, specifically Newark, Irvington and
Irvington	996	10.3%	1,009	10.4%	**13**	**1.3%**	Elizabeth.
Elizabeth	1,150	11.9%	1,167	12.0%	**17**	**1.5%**	
Plainfield	490	5.1%	480	4.9%	**-10**	**-2.0%**	
Total	**9,686**	100.0%	**9,730**	100.0%	**44**	**0.5%**	
NEW JERSEY (NJ)	**37,411**		**37,801**		**390**	**1.0%**	
GEOGRAPHICAL COMPARISONS							
5 Cities/Newark EMA	**70.6%**		**70.4%**		**44.9%**		The 5 largest cities in the EMA comprise 70% of
5 Cities/NJ	**25.9%**		**25.7%**				the EMA's PLWHA.
Newark EMA/NJ	**36.7%**		**36.6%**		**25.1%**		Newark EMA remains 37% of NJ HIV epidemic.
Newark/EMA	**41.2%**		**41.1%**		**26.5%**		Newark City remains 2/5 of Newark EMA epidemic.
Newark/EMA	**15.1%**		**15.0%**		**6.7%**		Newark City remains 15% - nearly 1 in 6 persons - of NJ epidemic.

2019 EPI PROFILE - Newark EMA

Findings – Current Year and Trends[1]

- **Total PLWHA** – In 2018 there were a **total of 13,826 People Living with HIV/AIDS (PLWHA)** in the 5 county Newark Eligible Metropolitan Area (EMA).

  o In 2018 the HIV epidemic **increased by 98 or 0.7%** to **13,826** from 13,728 in 2017 and 13,701 in 2016. The 2018 increase reflects the slight statewide increase.

  o The EMA followed the **statewide trend**, with PLWHA in NJ increasing slightly by **390 (1.0%) to 37,801 PLWHA in 2018**, up from 37,411 in 2017.

- **Gender** –

  o The **percent of female PLWHA continues to decline** within the total epidemic – from **40% in 2009 to 37% in 2014 through 2017 and 36% in 2018**. 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 70% to 66% among African Americans and an increase from 16% to 23% among Hispanic/Latinos 2009-2018.** There has been no change among NonHispanic Whites and Other.

- **Age** – The EMA continued to experience an **aging epidemic, with 44% of PLWHA age 55 or older and 71% older than age 45.** PLWHA age 35-44 dropped from 25% of the epidemic in 2009 to 15% in 2018. However, the **younger PLWHA remained constant** with those age 25-34 at 11% of PLWHA and Youth age 13-24 declining slightly from 3% to 2% of PLWHA. Pediatric cases are 0.2% of the epidemic.

- **Transmission Mode**

  o **Males** – The transmission mode for males has changed dramatically in the Newark EMA. The leading cause in 2009 at 31% – Heterosexual – remained at #2 at 29% in 2018. The 2nd leading cause – IDU – dropped from 24% in 2009 to 15% in 2018 and is 3rd. **In 2018 the leading transmission mode among males is MSM at 38%, up from 27% in 2009.**

  o **Females** – There has been minimal change in transmission mode for females from 2009 to 2018. Heterosexual remained #1 rising from 65% to 68% and IDU at #2 declined from 24% to 18%. 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 2009-2018, the percent of NEMA PLWHA in Essex

---

[1] NJ Dept. of Health. New Jersey HIV/AIDS Report December 31, 2018. Note: NJ Dept. Health did not publish HIV surveillance data by county and municipality ("county and municipal statistics") for year ending 12/31/2011.

County declined from 73% to 70%, increased in Union from 20% to 21% and increased in the Morris, Sussex, Warren region from 7% to 9%.

- o Likewise, although the EMA epidemic is concentrated in its urban areas, the 5 largest cities (Newark, East Orange, Irvington, Elizabeth, Plainfield) accounted for only 70% or 9,730 PLWHA, down from 71% in 2017, 72% in 2012 and 74% in 2009.

- o **The City of Newark remains the epicenter of HIV in the EMA, at 41% of total PLWHA in 2018, down from 44% in 2009. This percentage is twice as high as Union County and 4 times as high as the Morris/Sussex/Warren region.**

- o **Newark comprises 15% of New Jersey's HIV epidemic – more than most counties in the state. Nearly 1 in 6 NJ PLWHA reside in Newark.**

- **Prevalence of HIV in the General Population in 2018** – Prevalence **is the rate or percent of the population with HIV disease** and shows the impact of HIV in the general population. (Two measures are used – rate per 100,000 population and percentage in the population based on the rate/100,000. This Profile shows the percentages.)

  - o **In the Newark EMA, 0.7% of the population has HIV 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.

  - o **Prevalence is higher in the EMA's 5 largest cities at 1.7% of the population with HIV. Rates are highest in East Orange (2.2%), followed by Newark (2%),** and Irvington (1.9%) but lower in Plainfield (1%) and Elizabeth (0.9%).

- **Prevalence of HIV by Race/Ethnicity.** Consistent with state and national data, HIV continues to disproportionately affect the Black/African American and Hispanic/Latino populations.

  Black/African Americans

  - o **In the Newark EMA, 2% of Black/African American residents have HIV, higher than 1.7% statewide.** By county, HIV prevalence among African Americans is **2.3% in Essex County,** 1.4% in Union, and 1.4% in Morris/Sussex/Warren counties.

  - o **Rates are higher among African Americans in the 5 cities at 2.5% with HIV. Newark is highest at 2.9%,** followed by East Orange at 2.3%, Elizabeth at 2.1%, Irvington at 2.0% and Plainfield at 1.3%.

  Hispanic/Latinos

  - o **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 is **1.2% in Essex County,** 0.7% in Union, and 0.5% in Morris/Sussex/Warren counties.

  - o **Rates are higher among Hispanic/Latino residents of the 5 cities at 1.1%. East Orange is highest at 1.9%,** followed by Irvington at 1.5% each, Newark at 1.4%, Elizabeth at 0.8% and Plainfield at 0.6%.

HIV/AIDS Data as of 12/31/18

Table 1: PLWHA as of 12/31/18

County	PLWHA
Essex	9,658
Union	2,910
Morris	873
Sussex	183
Warren	202
Total-NEMA	13,826
MSW	1,258
	9.1%

Figure 1: Distribution of PLWHA by County, 12/31/18
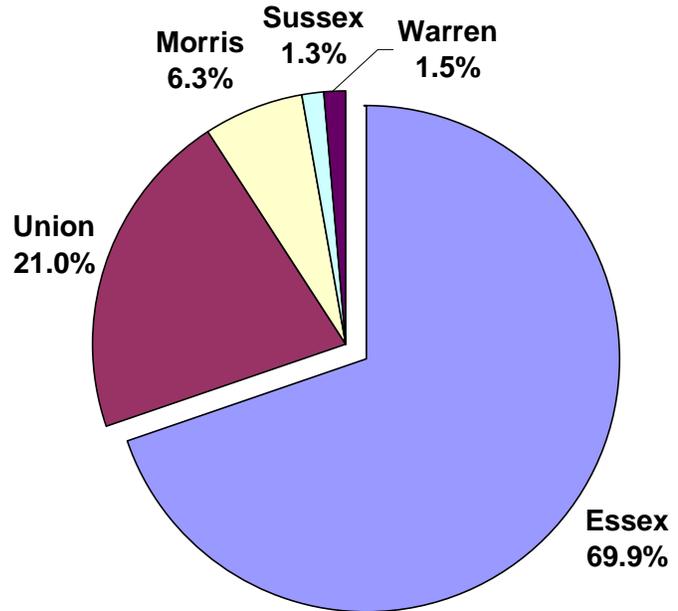
Figure 2: Distribution of PLWHA by AIDS and HIV (Not AIDS) within County - 2018
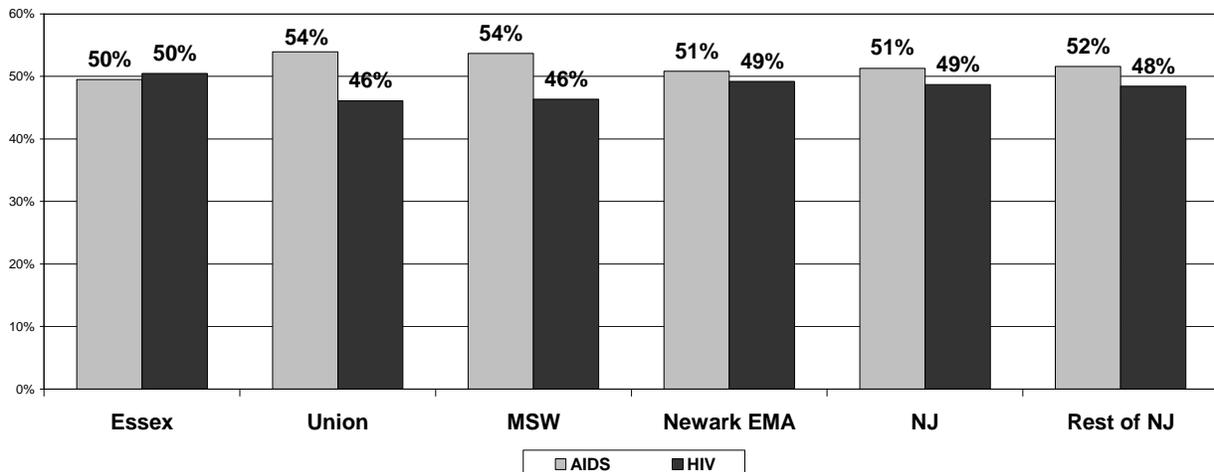
Figure 3: Distribution of PLWHA by Gender within County - 2018
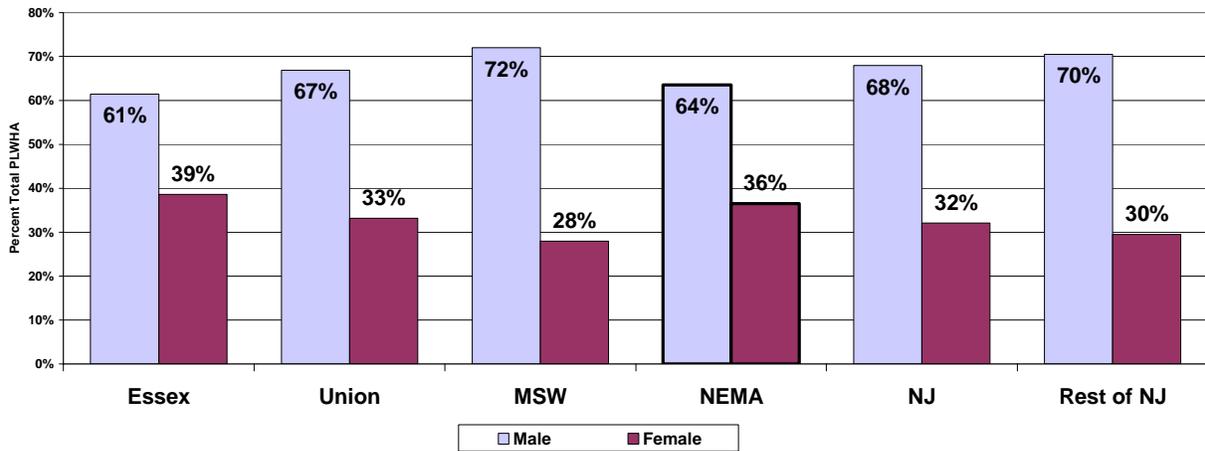
The percent of female PLWHA in the EMA has declined from 40% through 2010 to 36% as of 2018.

Figure 4: Distribution of PLWHA by Age Category - 2018
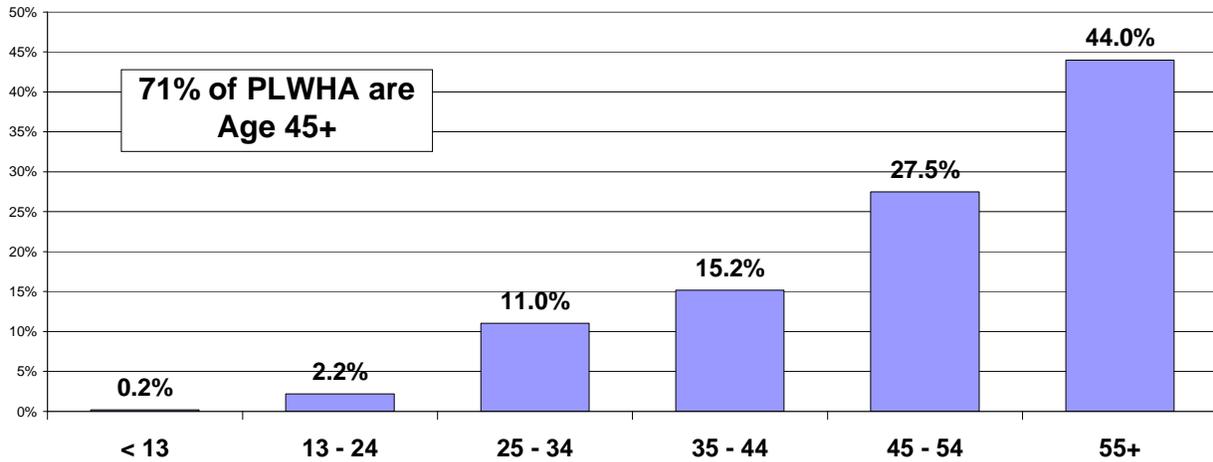
Figure 5: Distribution of PLWHA by Age Category within County - 2018
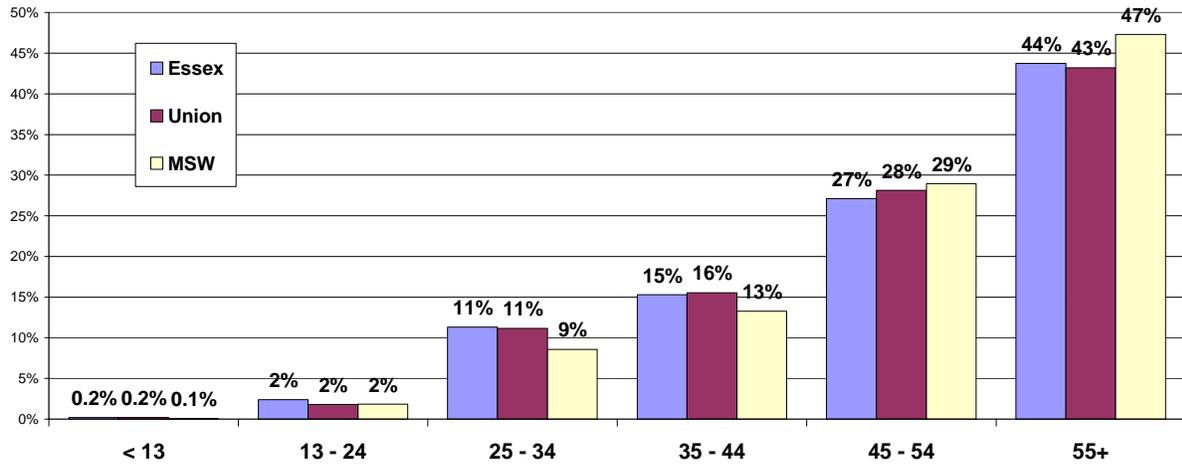
Percent of PLWHA Age 45+ by County:	Essex	71%	Up from 60% in 2009
	Union	71%	Up from 62% in 2009
	MSW	76%	Up from 62% in 2009

Figure 6: Distribution of PLWHA by Race/Ethnicity within County - 2018
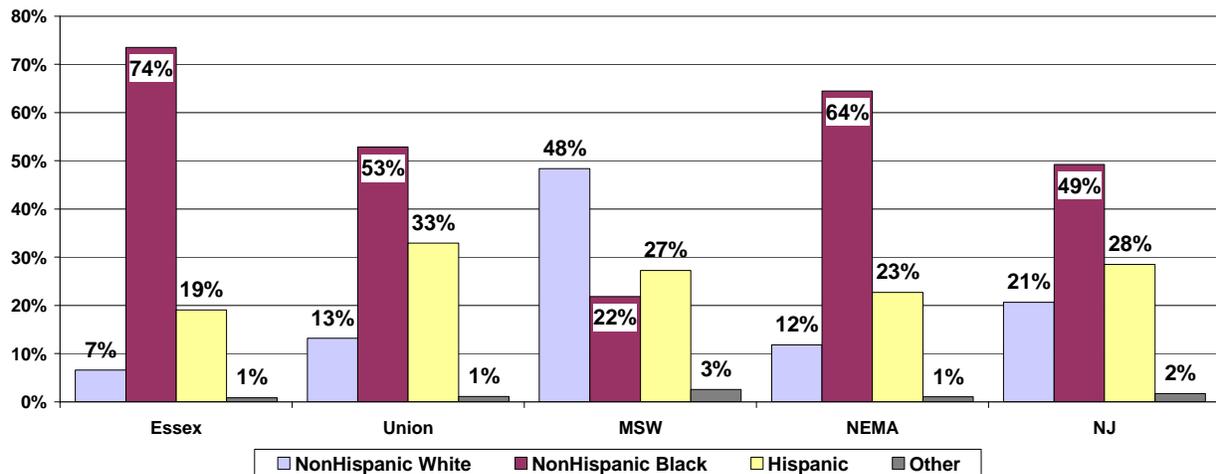
Figure 7: Distribution of PLWHA by Exposure Category in Newark EMA - 2018

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 2nd leading cause in 2013.

In 2017 MSM continues to be the leading cause among males, for the fourth time in 17 years.
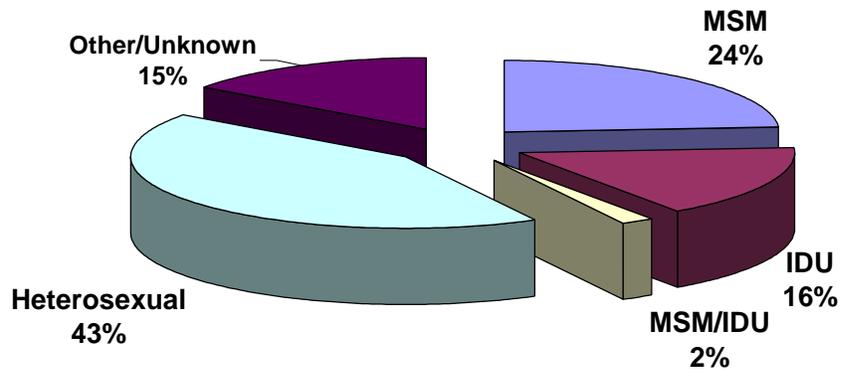
Figure 8: Distribution of Male PLWHA by Male Exposure Category Within County - 2018
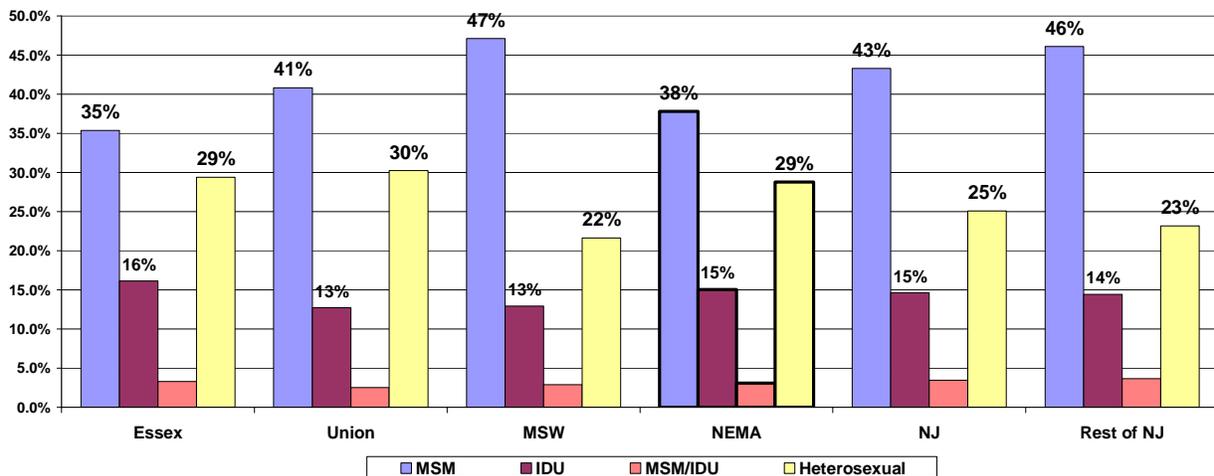
Figure 9: Distribution of Female PLWHA by Female Exposure Category Within County – 2018
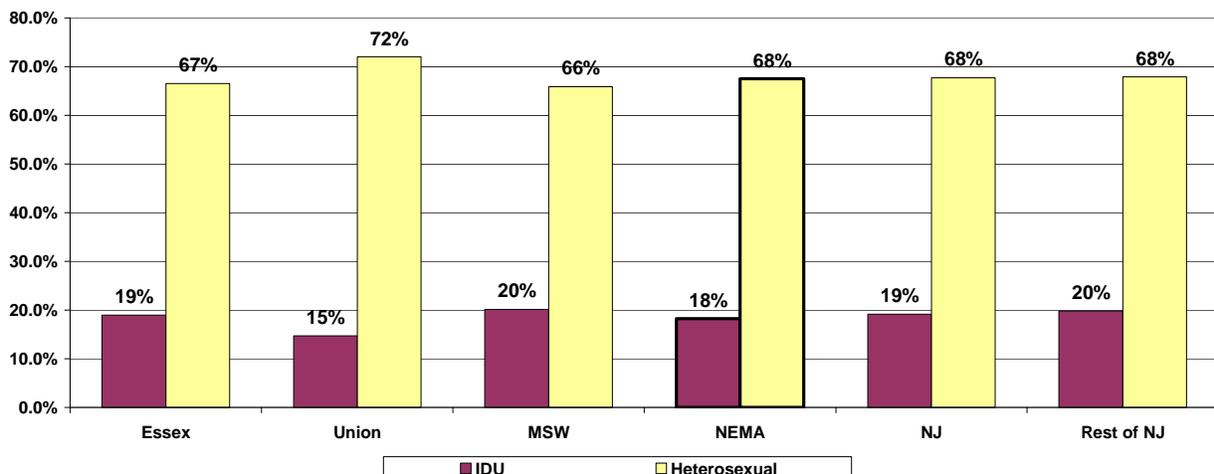
Figure 10: Distribution of PLWHA by 5 Largest Cities and Rest of NEMA - 2018

70% of the EMA's PLWHA reside in its five largest cities. While this is a decline from the 74% in 2009, the total number of 9,730 PLWHA including 5,653 in Newark is very high. Resources must still be targeted to these five cities.

Table 2: PLWHA in EMA's Five Largest Cities - 2018

City	PLWHA	% NEMA
Newark	5,679	41.1%
East Orange	1,395	10.1%
Irvington	1,009	7.3%
Elizabeth	1,167	8.4%
Plainfield	480	3.5%
TOTAL	9,730	70.4%
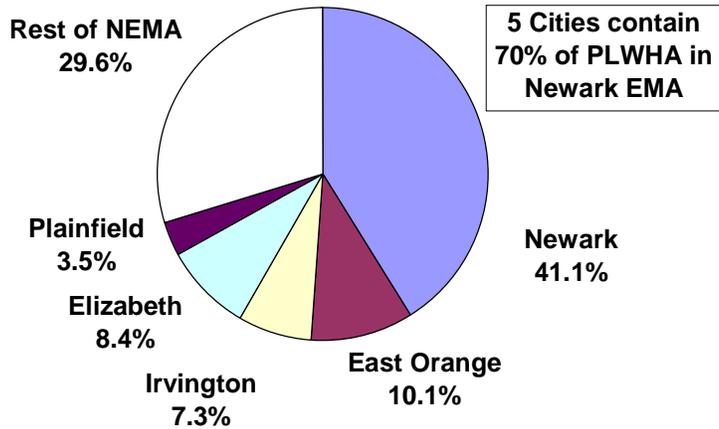
Figure 11: HIV Prevalence by Race/Ethnicity – by County, Total Newark EMA and NJ 2018

	Black, Not Hispanic	Hispanic	Total
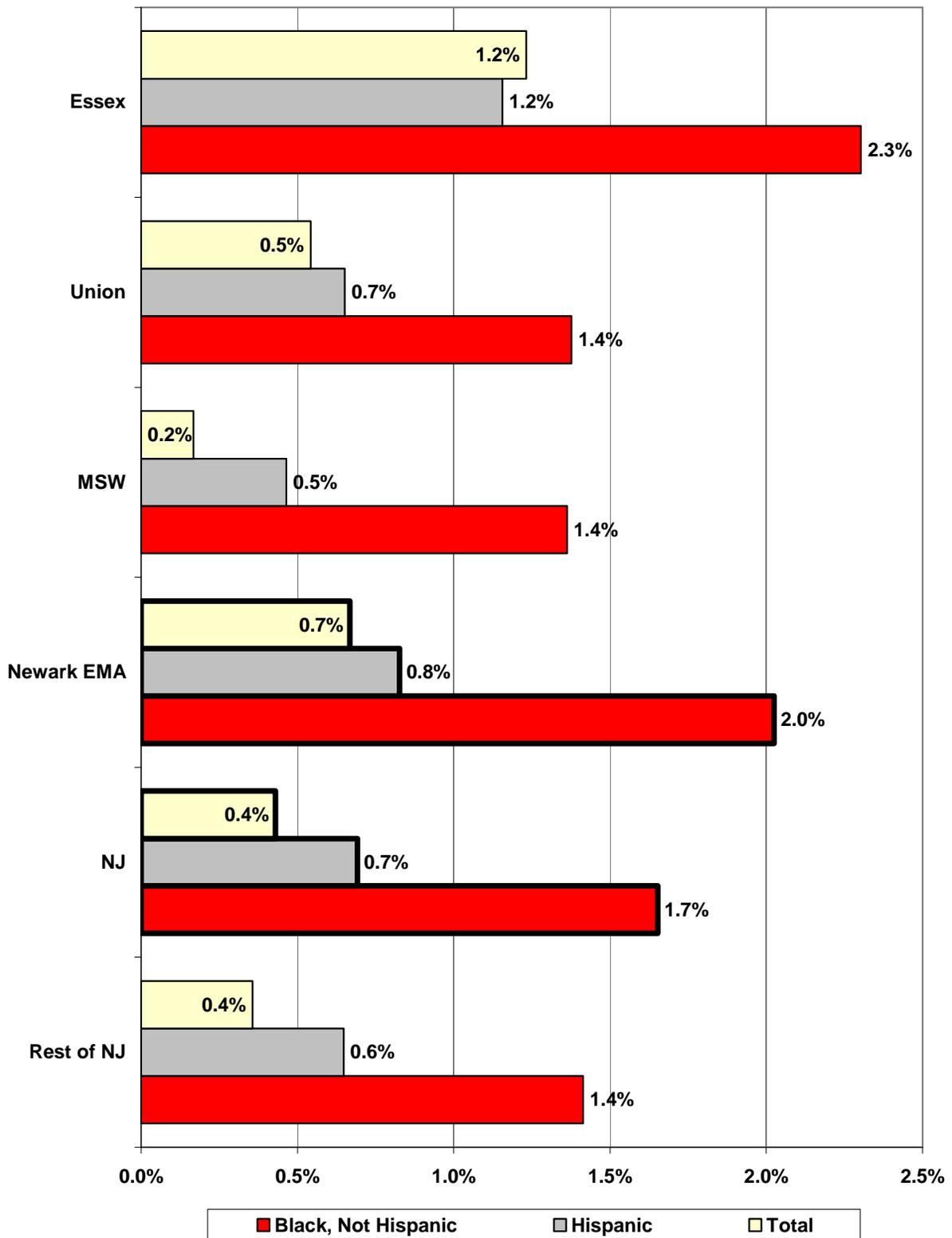
Figure 12: HIV Prevalence by Race/Ethnicity – by 5 Cities, Total Newark EMA and NJ 2018

City	Black/Afr Amer	Hisp/Latino	Total
East Orange	2.3%	1.9%	2.2%
Elizabeth	2.1%	0.8%	0.9%
Irvington	2.0%	1.5%	1.9%
Newark	2.9%	1.4%	2.0%
Plainfield	1.3%	0.6%	1.0%
Total 5 Cities	2.5%	1.1%	1.7%
Rest of EMA	1.3%	0.8%	0.3%
NEMA	2.0%	0.8%	0.7%
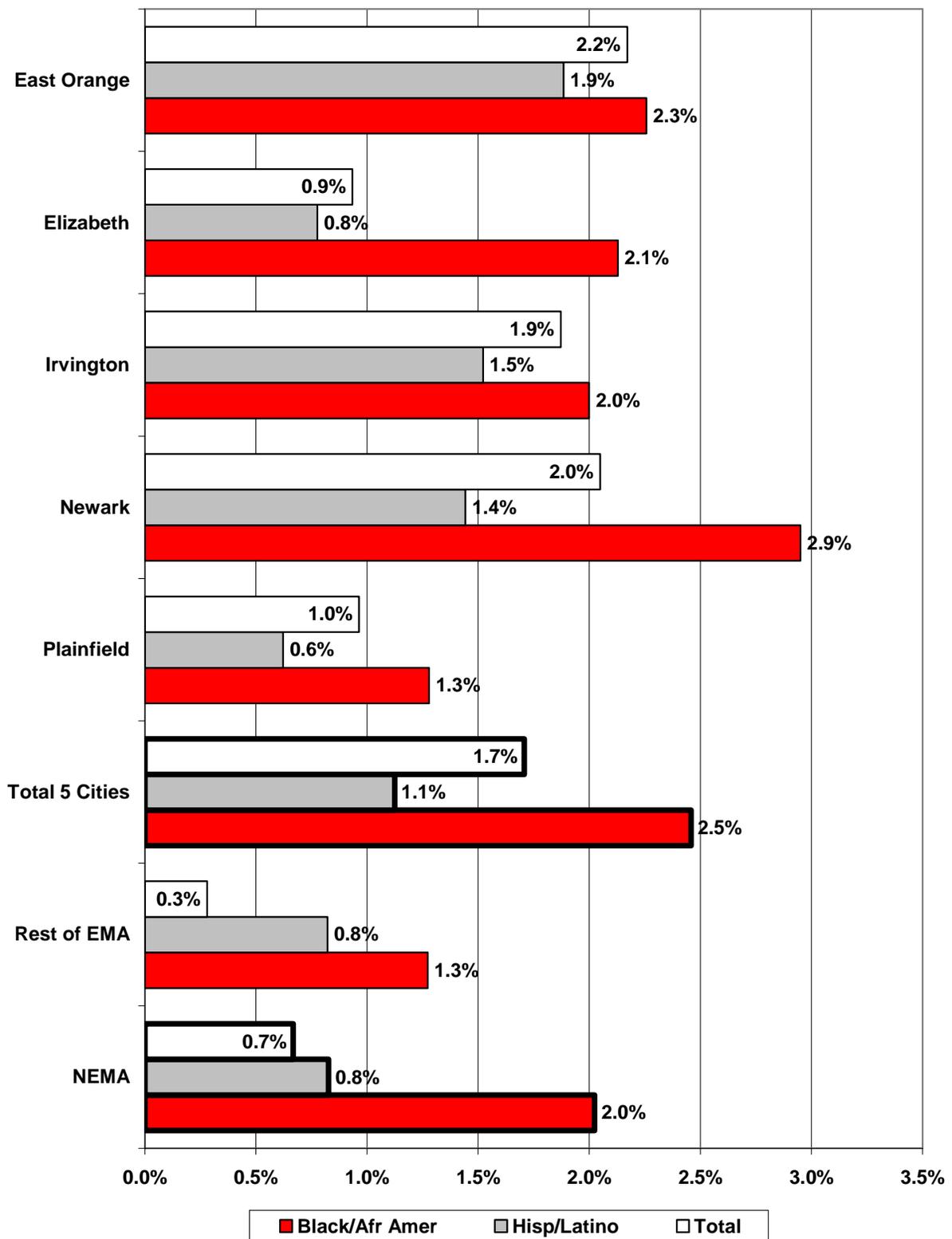
TRENDS in HIV/AIDS Data 2009 to 2018

Figure 13: PLWHA in Newark EMA 2009 - 2018

Figure 13: PLWHA in Newark EMA 2009 - 2018

Figure 14: PLWHA in New Jersey 2009 - 2018
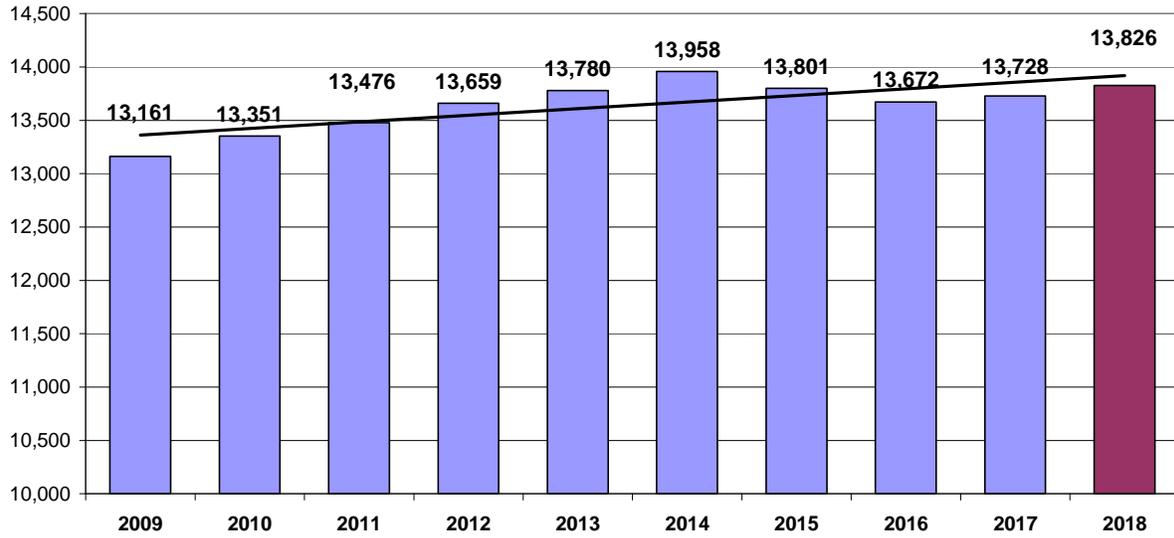
Figure 14: PLWHA in New Jersey 2009 - 2018
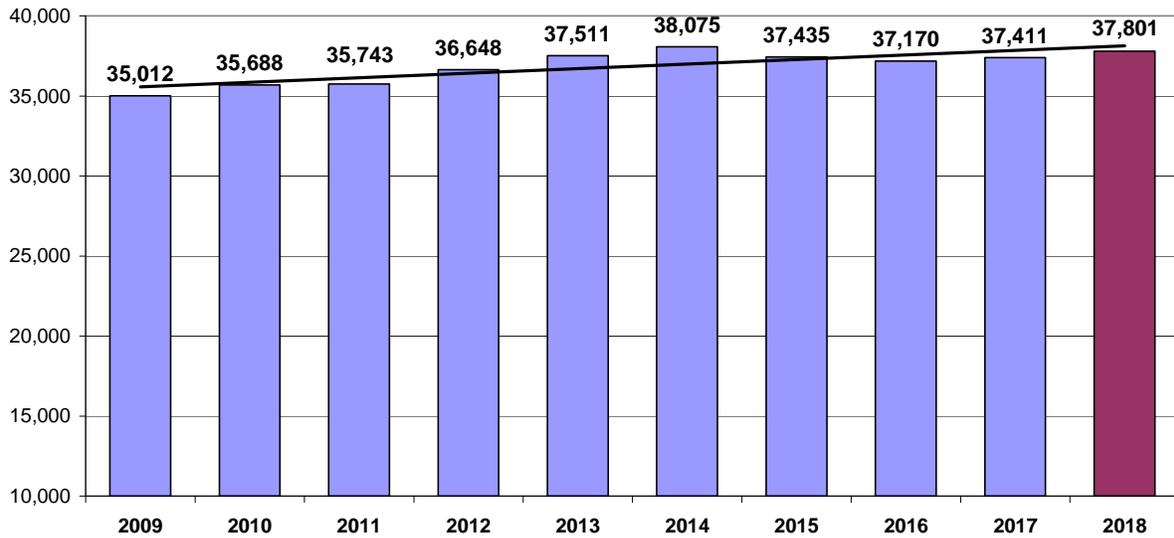
Figure 15: PLWHA in Newark EMA by Gender 2009 - 2018
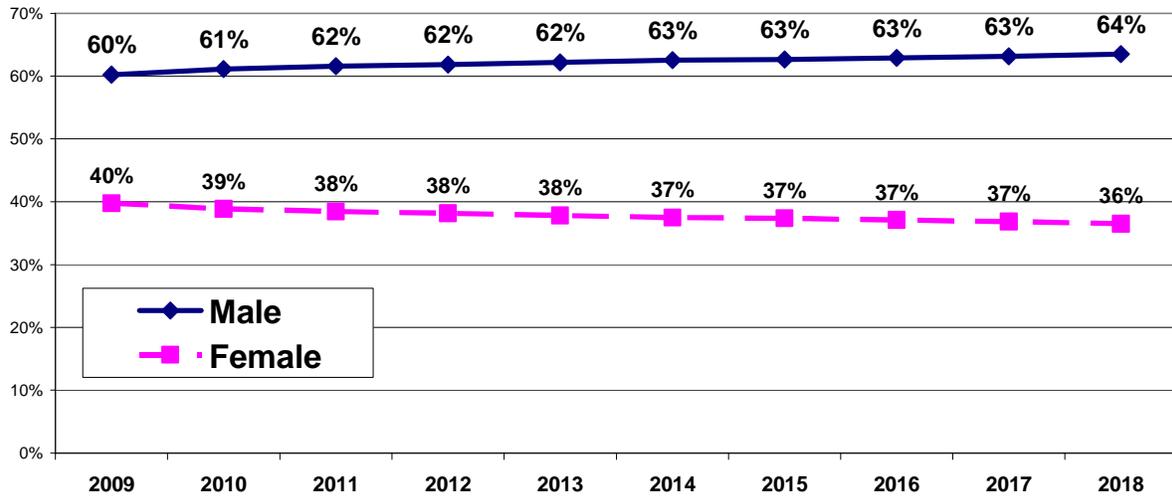
Figure 16: PLWHA in Newark EMA by Race/Ethnicity 2009 - 2018
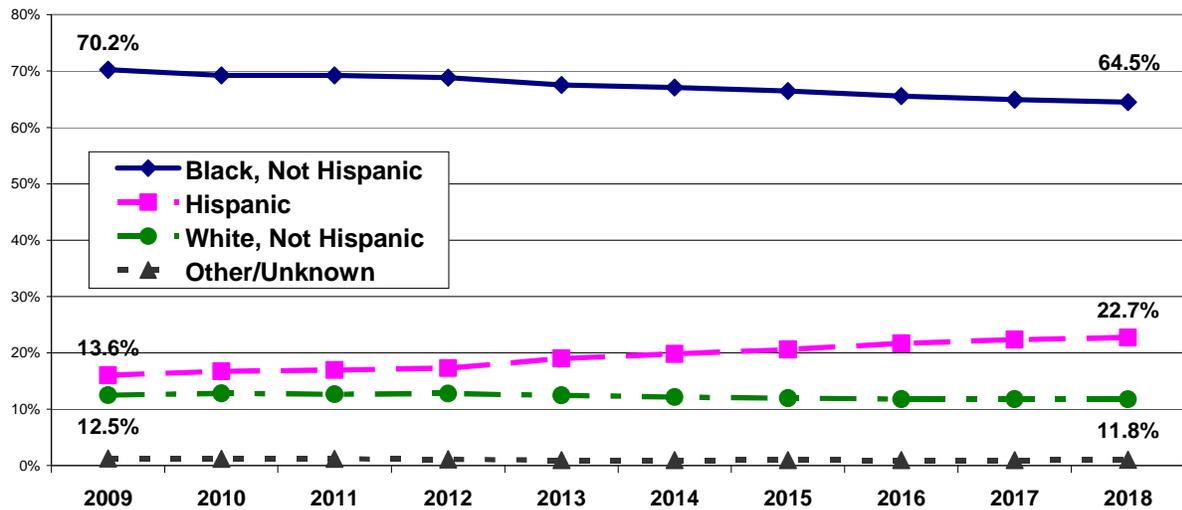
Figure 17: PLWHA in Newark EMA by Age Category 2009 - 2018
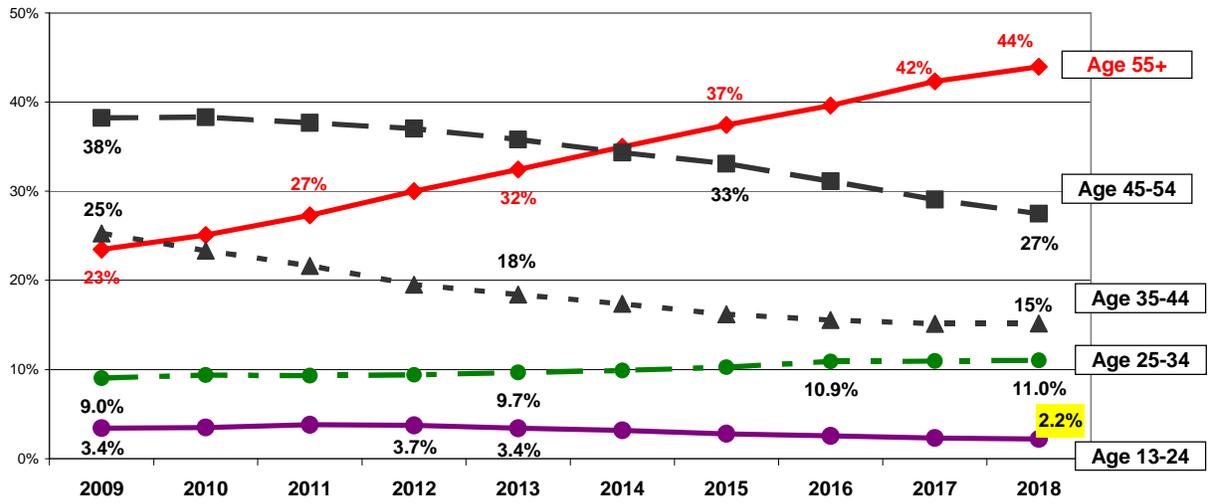
Figure 18: Male PLWHA in Newark EMA by Transmission Mode 2009 - 2018
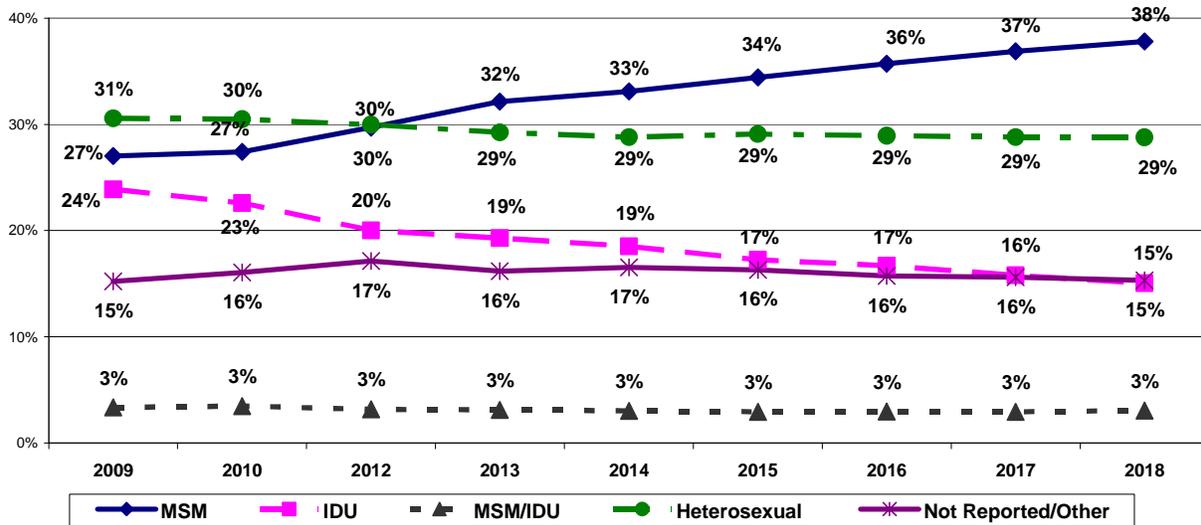
Figure 19: Female PLWHA in Newark EMA by Transmission Mode 2009 - 2018
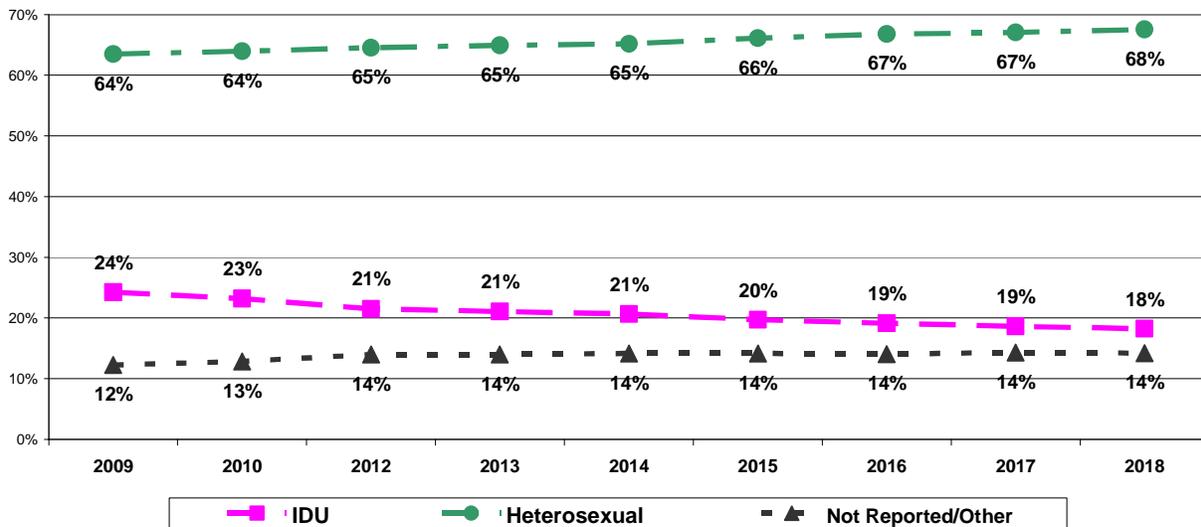
Figure 20: Distribution of PLWHA in Newark EMA by County/Region 2009 - 2018
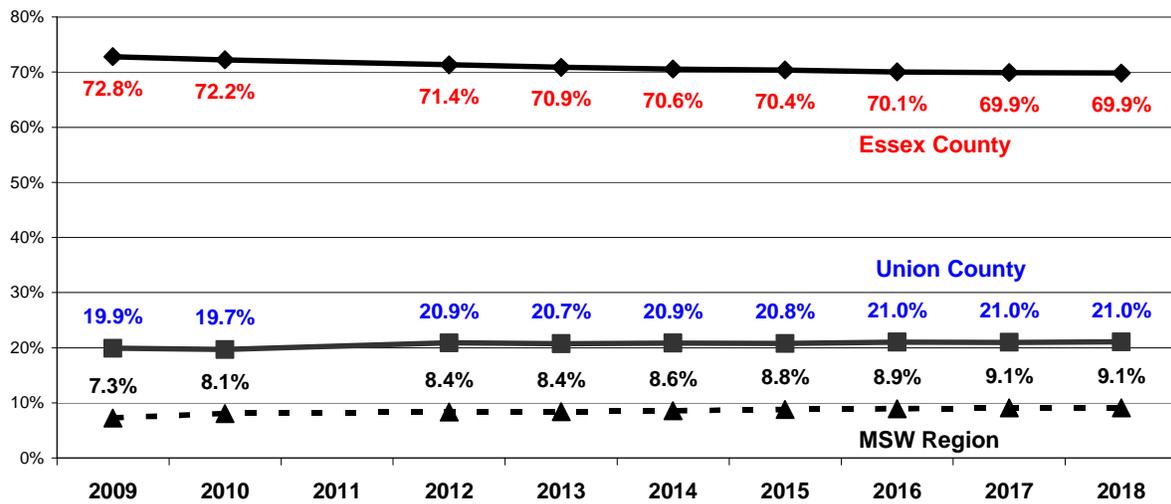
Figure 21: Urban Concentration of PLWHA in 5 Cities in Newark EMA 2009 - 2018
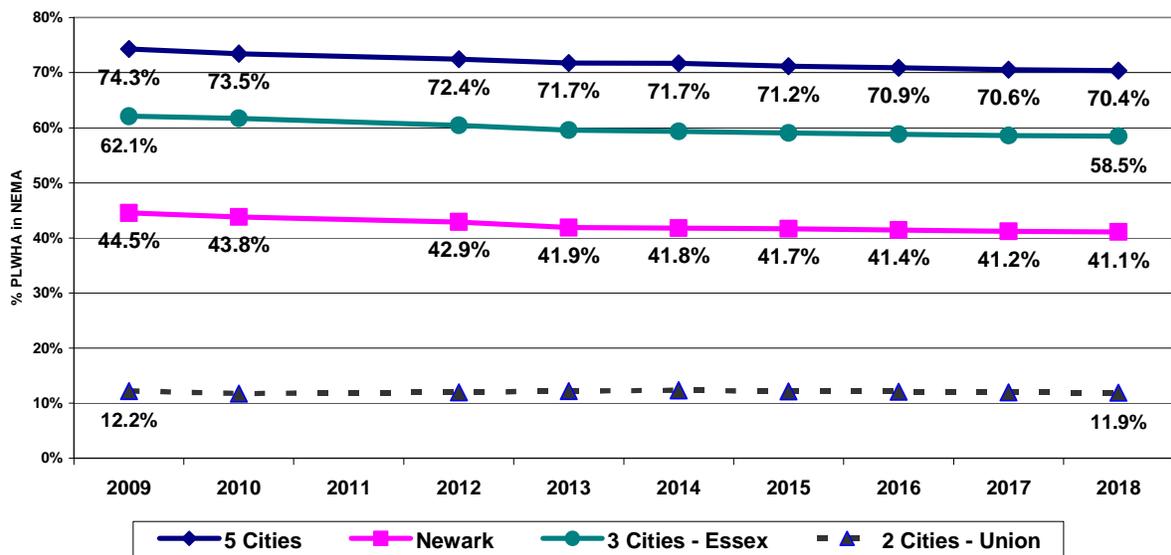
3 Cities – Essex County	2 Cities – Union County
Newark	Elizabeth
East Orange	Plainfield
Irvington	

UNAWARE PLWHA

RWHAP legislation requires the Planning Council's estimate of the size and demographics of the HIV epidemic to include an **estimate of PLWHA who are unaware of their HIV status**. These are individuals who have never been tested for HIV. (Unaware does NOT include those tested who have never returned for or received their HIV test results which was a positive diagnosis. These HIV+ individuals are included in the total Diagnosed PLWHA captured by HIV surveillance data.)

The Centers of Disease Control and Prevention (CDC) reported that at the end of 2016, an estimated 1.1 million people aged 13 and older had HIV infection **in the United States, including an estimated 162,500 (14%) people whose infections had not been diagnosed**.[2]

The New Jersey Department of Health (NJDOH) has not estimated the number or percent of unaware due to data limitations and resources which cannot match the scope of CDC and reach across the USA to identify those NJ residents who might be living in other states and at risk of or living with HIV.

So, this 2019 Epidemiological Profile will apply the CDC estimate of **14% "unaware"** to our PLWHA.

Table 3: Estimate of Total PLWHA in Newark EMA in 2018 – Diagnosed and Unaware

Category	#	%
Diagnosed	13,826	86%
Unaware (Estimated 14% of Total)	2,251	14%
Estimated Total PLWHA in EMA	**16,077**	**100%**

---

[2] CDC. Estimated HIV incidence and prevalence in the United States, 2010-2016. *HIV Surveillance Supplemental Report* 2019;24(1). https://www.cdc.gov/hiv/statistics/overview/index.html

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, 2018 –New Jersey Department of Health, Division of HIV, STD, TB Services, May 20, 2018.**

`

HIV Infection in New Jersey

- New Jersey ranked 11th in the rate of adults and adolescents diagnosed with HIV/AIDS at the end of 2016. This is down from the rank of 9th in 2014 in the United States in the rates of diagnosed HIV infections.

- Cumulatively, 82,643 adult/adolescent cases of HIV/AIDS have been reported in New Jersey. There are 1,200 new patients diagnosed with HIV in 2016.

- **Between 2012 and 2016, the number of new adult/adolescent HIV/AIDS diagnoses decreased by about 8% in New Jersey. This paralleled the national 18% decrease.**

- # of HIV/AIDS diagnoses in NJ for **three most-affected subpopulations**:
  - ➤ **Hispanic/Latino MSM** (MSM/IDU included): 193
  - ➤ Black MSM (MSM/IDU included):   173
  - ➤ Black Heterosexual Women: 114.

    The diagnoses among these three subpopulations decreased from 2015 to 2016 by 5%, 9%, and 12%, respectively.

- The percentage of concurrent HIV and AIDS diagnoses (cases that have already progressed to AIDS at the time of first diagnosis) has remained consistent over the last decade. In 2015, a quarter (25%) of new cases were concurrent HIV and AIDS diagnoses.

HIV Infection Stages in New Jersey

- New Jersey ranked 11th in the rate of adults and adolescents 2016 diagnosed with HIV/AIDS, but New Jersey ranked 7th among the states in the rates of diagnosed HIV infection classified as Stage 3 (AIDS).

- The percentage of simultaneously concurrent HIV and AIDS diagnoses (cases that have already progressed to AIDS at the time of the first diagnosis with the HIV) has remained 25% to 21% (2012-2016). **Only 21% of new cases were concurrent HIV and AIDS diagnosed in 2016** (Large percentage mean that patients were tested late):

  - ➤ **by Sex at Birth:** AIDS concurrent percentage is 18.8% among females, 21.5% among males.

  - ➤ **by Race/Ethnicity:** AIDS concurrent percentage is 18% among White, 19% among Black, 24% among Hispanic.

➤ **by Age Group:** The largest AIDS concurrent percentage is 36% among persons aged 65 years or older followed by persons aged 35-44 (27.4%), aged 55-64 (26.7%), aged 45-54 (23.8)%, age 25-34 (18.6%) and those aged less than 25 years (9%).

➤ **by Risk Category:** AIDS concurrent percentage is only 17% among MSM (only 13.4% among Black MSM, 18.8% White MSM and 19% among Hispanic MSM).

HIV Infection in New Jersey vs. Rest of the USA

• The rates of diagnosis of HIV infection among adults and adolescents in 2016 was **15.2 per 100,000 in New Jersey and 12.3 per 100,000 nationwide.** New Jersey is among the 12 states including District of Columbia with the highest rates of HIV infection (15.2 – 31.8 per 100,000). See Below

Incidence Rates of HIV Infection Among Adults and Adolescents per 100,000, 2016 – United States

Rates per 100,000:   **16.8 in the South,**
                            11.2 in the Northeast,
                            10.2 in the West,
                            7.5 in the Midwest.
                            NJ = 15.2
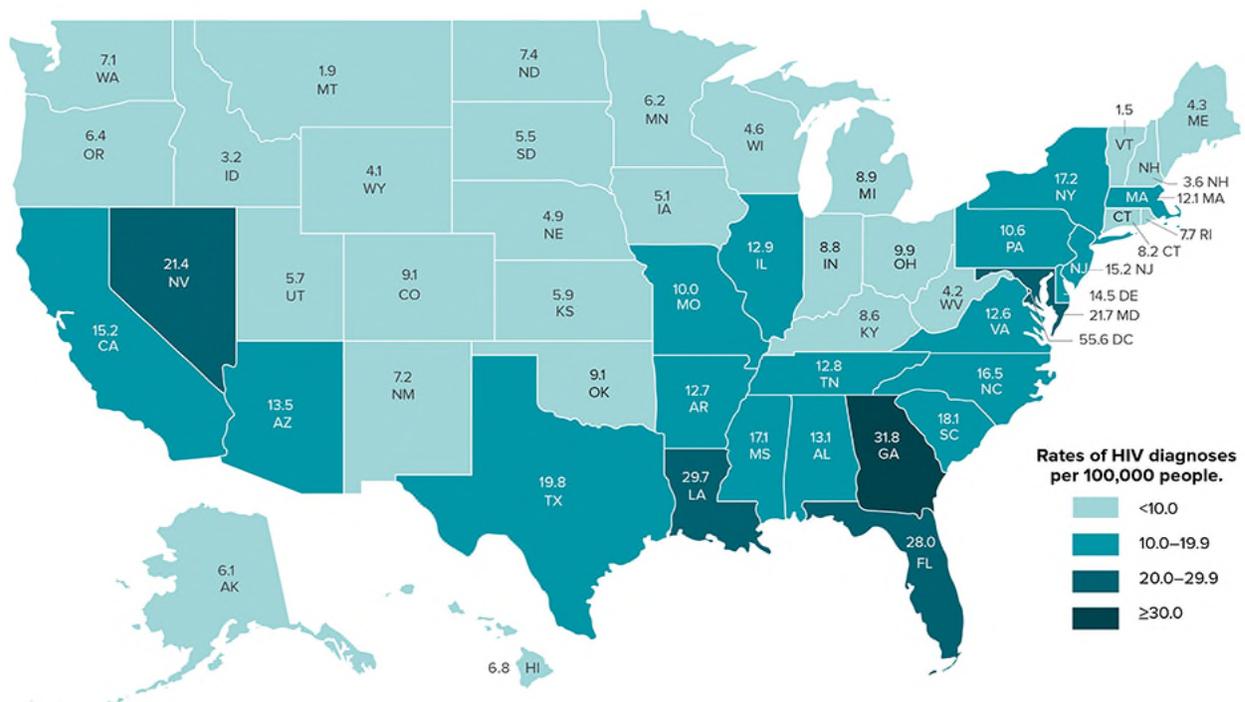
HIV/AIDS Diagnoses by Stage of Disease New Jersey, 2012 - 2016

In the 5-year period from 2012-2016, there was a greater decrease among persons diagnosed with AIDS (-24.4%) versus those with HIV (-2.7%). This indicates that more individuals are being diagnosed earlier in the stage of HIV disease. The total of new diagnoses declined as well -8.1% from 1,306 to 1,200 over the period.

Stage of Disease	2012	2013	2014	2015	2016	Change 2012-2016	
						#	%
HIV Not AIDS	976	919	937	905	950	**-26**	**-2.7%**
AIDS	330	293	279	296	250	**-80**	**-24.4%**
Total	**1,306**	**1,212**	**1,216**	**1,201**	**1,200**	**-106**	**-8.1%**
HIV Not AIDS	74.7%	75.8%	78.0%	75.4%	79.2%		
AIDS	25.3%	24.2%	22.0%	24.6%	20.8%		
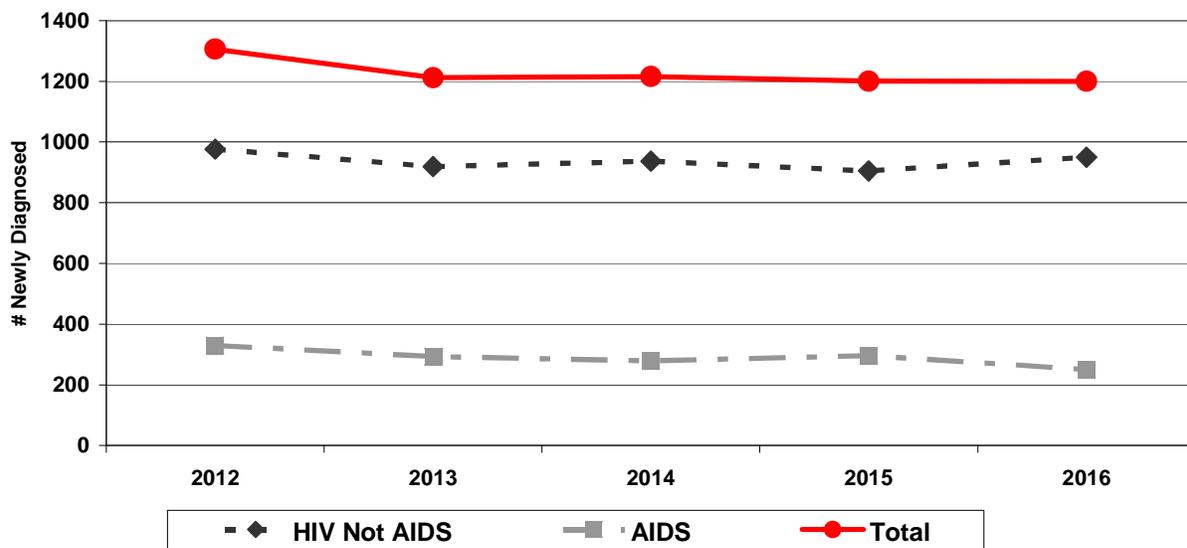
HIV/AIDS Diagnoses by Gender New Jersey, 2012 - 2016

The number of new HIV/AIDS diagnoses from 2012 to 2016 among females in New Jersey decreased by 14%, with a decrease of only 6% among males.

Gender	2012	2013	2014	2015	2015	Change 2012-2016	
						#	%
Male	964	893	898	913	907	**-57**	**-5.9%**
Female	342	319	318	288	293	**-49**	**-14.3%**
Total	**1,306**	**1,212**	**1,216**	**1,201**	**1,200**	-106	-8.1%
Male	73.8%	73.7%	73.8%	76.0%	75.6%		
Female	26.2%	26.3%	26.2%	24.0%	24.4%		
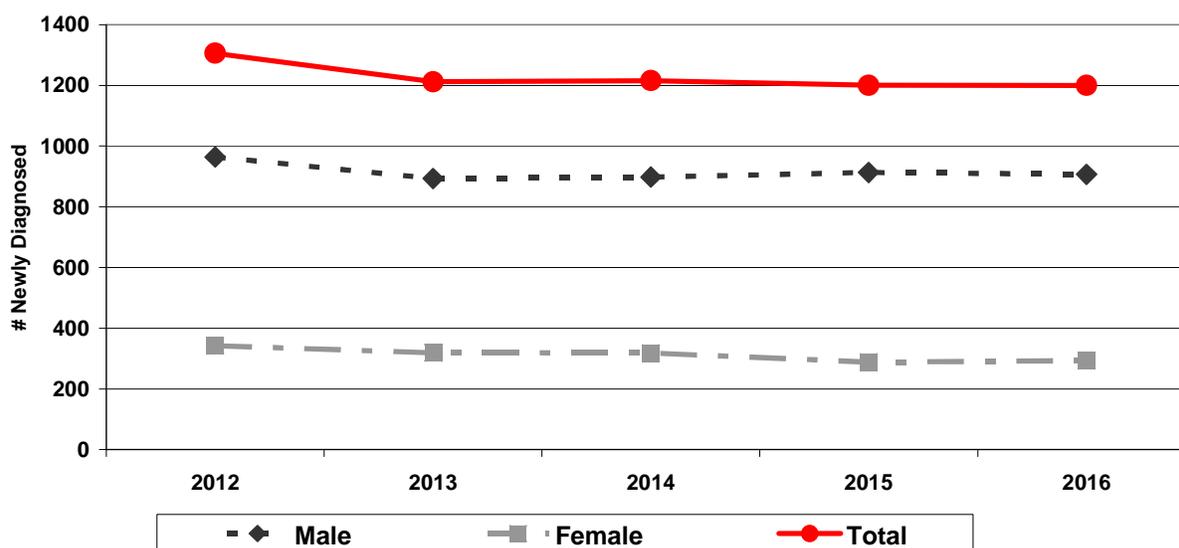
HIV/AIDS Among Females

- New Jersey has historically had one of the highest proportions of HIV infections occurring in females 24.4% of adolescent and adult HIV/AIDS diagnoses in 2016 were females in NJ, compared to only 19% in the United States.

- New Jersey ranked 8th in the rate of female adults and adolescent with diagnosed HIV infection in 2016 with 6.9 per 100,000 females and ranked 10th in the rates of stage 3 (AIDS).

- **Although new cases among females are declining, females account for 32.1% of all prevalent cases in NJ in 2018 (black women account for 39.2% among blacks living with HIV/AIDS in 2018), compared to 21% of prevalent cases in females nationally in 2016.**

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, 2018 – New Jersey Department of Health, Division of HIV, STD, TB Services, May 20, 2018.**

- Transgender indicates a difference between 1) Sex at birth and 2) Current gender identity.
- 123 transgender persons were cumulatively diagnosed with HIV among New Jersey residents as of December 31, 2018, a 9% increase (10) over the 113 diagnosed as of December 31, 2017, which was a 19% increase (18) over the 95 as of December 31, 2016.
- Seven (7) were diagnosed with HIV prior to 1990, 27 between 1990 and 1999, 28 between 2000 and 2009, and 60 since 2010 (nearly half).
- Six 6) were incarcerated at time of diagnosis; four (4) ever had an episode of homelessness though these categories are not mutually exclusive.
- 80% (98) of transgender persons were known to be alive through December 31, 2018.

In 2018 the Newark EMA provided RWHAP Part A services to 71 PLWHA who identified as transgender, up from 54 in 2017 and 45 in 2016. Although these **71 are 72% of the 98** HIV prevalent transgender persons statewide (same percent as in 2017 and 2016), these NEMA Part A clients cannot be used to approximate the number or percent of PLWHA in New Jersey who identify as transgender.

Table 4: Transgender Cases --New Jersey, December 31, 2018

Cumulative Cases (N=123)			Prevalent Cases (N=98)		
Gender	**N**	**%**	**Gender**	**N**	**%**
M to Female	122	99%	**M to Female**	**96**	**98%**
F to Male	1	1%	F to Male	2	2%
Race/Ethnicity	**N**	**%**	**Race/Ethnicity**	**N**	**%**
White	5	4%	White	6	6%
Black	67	55%	**Black**	**52**	**53%**
Hispanic	48	39%	Hispanic	37	38%
Other/Unknown	3	2%	Other/Unknown	3	3%
Age at Diagnosis	**N**	**%**	**Age at Diagnosis**	**N**	**%**
0-12	1	1%	0-12	0	0%
13-24	45	37%	13-24	10	10%
25-34	51	41%	**25-34**	**35**	**36%**
35-44	21	17%	35-44	26	26%
45+	5	4%	45+	27	28%
Transmission	**N**	**%**	**Transmission**	**N**	**%**
Sex	108	88%	**Sex**	**88**	**90%**
IDU-Related	12	10%	IDU-Related	8	8%
Unknown	3	2%	Unknown	2	2%

DATA TABLES 2018

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, 2018					
	Number			**Percent**		
NEWARK EMA	**Male**	**Female**	**Total**	Male	Female	Total
Disease Category				**63.5%**	**36.5%**	**100.0%**
HIV	4,243	2,558	6,801	48.3%	50.7%	49.2%
AIDS	4,538	2,487	7,025	51.7%	49.3%	50.8%
Total	**8,781**	**5,045**	**13,826**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	7	17	24	0.1%	0.3%	0.2%
13 - 24	198	108	306	2.3%	2.1%	2.2%
25 - 34	1,140	383	1,523	13.0%	7.6%	11.0%
35 - 44	1,312	784	2,096	14.9%	15.5%	15.2%
45 - 54	2,262	1,538	3,800	25.8%	30.5%	27.5%
55+	3,862	2,215	6,077	44.0%	43.9%	44.0%
Total	**8,781**	**5,045**	**13,826**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*6,124*	*3,753*	*9,877*	*69.7%*	*74.4%*	*71.4%*
Race/Ethnicity						
Hispanic	2,239	901	3,140	25.5%	17.9%	22.7%
Black, Not Hispanic	5,167	3,747	8,914	58.8%	74.3%	64.5%
White, Not Hispanic	1,273	356	1,629	14.5%	7.1%	11.8%
Other/Unknown	102	41	143	1.2%	0.8%	1.0%
Total	**8,781**	**5,045**	**13,826**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*7,406*	*4,648*	*12,054*	*84.3%*	*92.1%*	*87.2%*
Transmission Category						
MSM	3,319	0	3,319	37.8%	0.0%	24.0%
IDU	1,321	920	2,241	15.0%	18.2%	16.2%
MSM/IDU	269	0	269	3.1%	0.0%	1.9%
Heterosexual	2,527	3,408	5,935	28.8%	67.6%	42.9%
Not Reported/Other	1,345	717	2,062	15.3%	14.2%	14.9%
Total	**8,781**	**5,045**	**13,826**	**100.0%**	**100.0%**	**100.0%**

ESSEX COUNTY	AS OF DECEMBER 31, 2018					
	Number			**Percent**		
	Male	**Female**	**Total**	Male	Female	Total
Disease Category				**61.4%**	**38.6%**	**100.0%**
HIV	2,942	1,935	4,877	49.6%	51.9%	50.5%
AIDS	2,988	1,793	4,781	50.4%	48.1%	49.5%
Total	**5,930**	**3,728**	**9,658**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	3	14	17	0.1%	0.4%	0.2%
13 - 24	151	80	231	2.5%	2.1%	2.4%
25 - 34	793	297	1,090	13.4%	8.0%	11.3%
35 - 44	882	595	1,477	14.9%	16.0%	15.3%
45 - 54	1,487	1,131	2,618	25.1%	30.3%	27.1%
55+	2,614	1,611	4,225	44.1%	43.2%	43.7%
Total	**5,930**	**3,728**	**9,658**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*4,101*	*2,742*	*6,843*	*69.2%*	*73.6%*	*70.9%*
Race/Ethnicity						
Hispanic	1,278	562	1,840	21.6%	15.1%	19.1%
Black, Not Hispanic	4,092	3,009	7,101	69.0%	80.7%	73.5%
White, Not Hispanic	510	128	638	8.6%	3.4%	6.6%
Other/Unknown	50	29	79	0.8%	0.8%	0.8%
Total	**5,930**	**3,728**	**9,658**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*5,370*	*3,571*	*8,941*	*90.6%*	*95.8%*	*92.6%*
Transmission Category						
MSM	2,098	0	2,098	35.4%	0.0%	21.7%
IDU	957	707	1,664	16.1%	19.0%	17.2%
MSM/IDU	194	0	194	3.3%	0.0%	2.0%
Heterosexual	1,743	2,481	4,224	29.4%	66.6%	43.7%
Not Reported/Other	938	540	1,478	15.8%	14.5%	15.3%
Total	**5,930**	**3,728**	**9,658**	**100.0%**	**100.0%**	**100.0%**

	AS OF DECEMBER 31, 2018					
	Number			**Percent**		
MORRIS COUNTY	**Male**	**Female**	**Total**	Male	Female	Total
Disease Category				**73.2%**	**26.8%**	**100.0%**
HIV	299	118	417	46.8%	50.4%	47.8%
AIDS	340	116	456	53.2%	49.6%	52.2%
Total	**639**	**234**	**873**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	0	1	1	0.0%	0.4%	0.1%
13 - 24	8	5	13	1.3%	2.1%	1.5%
25 - 34	61	19	80	9.5%	8.1%	9.2%
35 - 44	99	18	117	15.5%	7.7%	13.4%
45 - 54	175	78	253	27.4%	33.3%	29.0%
55+	296	113	409	46.3%	48.3%	46.8%
Total	**639**	**234**	**873**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*471*	*191*	*662*	*73.7%*	*81.6%*	*75.8%*
Race/Ethnicity						
Hispanic	194	64	258	30.4%	27.4%	29.6%
Black, Not Hispanic	127	67	194	19.9%	28.6%	22.2%
White, Not Hispanic	298	97	395	46.6%	41.5%	45.2%
Other/Unknown	20	6	26	3.1%	2.6%	3.0%
Total	**639**	**234**	**873**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*321*	*131*	*452*	*50.2%*	*56.0%*	*51.8%*
Transmission Category						
MSM	312	0	312	48.8%	0.0%	35.7%
IDU	75	46	121	11.7%	19.7%	13.9%
MSM/IDU	19	0	19	3.0%	0.0%	2.2%
Heterosexual	137	152	289	21.4%	65.0%	33.1%
Not Reported/Other	96	36	132	15.0%	15.4%	15.1%
Total	**639**	**234**	**873**	**100.0%**	**100.0%**	**100.0%**

SUSSEX COUNTY	AS OF DECEMBER 31, 2018					
	Number			**Percent**		
	Male	**Female**	**Total**	Male	Female	Total
Disease Category				**71.6%**	**28.4%**	**100.0%**
HIV	48	27	75	36.6%	51.9%	41.0%
AIDS	83	25	108	63.4%	48.1%	59.0%
Total	**131**	**52**	**183**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	0	0	0	0.0%	0.0%	0.0%
13 - 24	5	0	5	3.8%	0.0%	2.7%
25 - 34	9	5	14	6.9%	9.6%	7.7%
35 - 44	12	10	22	9.2%	19.2%	12.0%
45 - 54	32	16	48	24.4%	30.8%	26.2%
55+	73	21	94	55.7%	40.4%	51.4%
Total	**131**	**52**	**183**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*105*	*37*	*142*	*80.2%*	*71.2%*	*77.6%*
Race/Ethnicity						
Hispanic	29	7	36	22.1%	13.5%	19.7%
Black, Not Hispanic	22	10	32	16.8%	19.2%	17.5%
White, Not Hispanic	79	35	114	60.3%	67.3%	62.3%
Other/Unknown	1	0	1	0.8%	0.0%	0.5%
Total	**131**	**52**	**183**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*51*	*17*	*68*	*38.9%*	*32.7%*	*37.2%*
Transmission Category						
MSM	58	0	58	44.3%	0.0%	31.7%
IDU	20	10	30	15.3%	19.2%	16.4%
MSM/IDU	4	0	4	3.1%	0.0%	2.2%
Heterosexual	23	37	60	17.6%	71.2%	32.8%
Not Reported/Other	26	5	31	19.8%	9.6%	16.9%
Total	**131**	**52**	**183**	**100.0%**	**100.0%**	**100.0%**

UNION COUNTY	AS OF DECEMBER 31, 2018					
	Number			Percent		
	Male	Female	Total	Male	Female	Total
Disease Category				**66.8%**	**33.2%**	**100.0%**
HIV	895	446	1,341	46.0%	46.2%	46.1%
AIDS	1,050	519	1,569	54.0%	53.8%	53.9%
Total	**1,945**	**965**	**2,910**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	4	2	6	0.2%	0.2%	0.2%
13 - 24	32	20	52	1.6%	2.1%	1.8%
25 - 34	266	59	325	13.7%	6.1%	11.2%
35 - 44	305	147	452	15.7%	15.2%	15.5%
45 - 54	530	288	818	27.2%	29.8%	28.1%
55+	808	449	1,257	41.5%	46.5%	43.2%
Total	**1,945**	**965**	**2,910**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*1,338*	*737*	*2,075*	*68.8%*	*76.4%*	*71.3%*
Race/Ethnicity						
Hispanic	708	249	957	36.4%	25.8%	32.9%
Black, Not Hispanic	903	635	1,538	46.4%	65.8%	52.9%
White, Not Hispanic	307	76	383	15.8%	7.9%	13.2%
Other/Unknown	27	5	32	1.4%	0.5%	1.1%
Total	**1,945**	**965**	**2,910**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*1,611*	*884*	*2,495*	*82.8%*	*91.6%*	*85.7%*
Transmission Category						
MSM	794	0	794	40.8%	0.0%	27.3%
IDU	247	142	389	12.7%	14.7%	13.4%
MSM/IDU	49	0	49	2.5%	0.0%	1.7%
Heterosexual	588	695	1,283	30.2%	72.0%	44.1%
Not Reported/Other	267	128	395	13.7%	13.3%	13.6%
Total	**1,945**	**965**	**2,910**	**100.0%**	**100.0%**	**100.0%**

	AS OF DECEMBER 31, 2018					
	Number			**Percent**		
WARREN COUNTY	**Male**	**Female**	**Total**	Male	Female	Total
Disease Category				**67.3%**	**32.7%**	**100.0%**
HIV	59	32	91	43.4%	48.5%	45.0%
AIDS	77	34	111	56.6%	51.5%	55.0%
Total	**136**	**66**	**202**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	0	0	0	0.0%	0.0%	0.0%
13 - 24	2	3	5	1.5%	4.5%	2.5%
25 - 34	11	3	14	8.1%	4.5%	6.9%
35 - 44	14	14	28	10.3%	21.2%	13.9%
45 - 54	38	25	63	27.9%	37.9%	31.2%
55+	71	21	92	52.2%	31.8%	45.5%
Total	**136**	**66**	**202**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*109*	*46*	*155*	*80.1%*	*69.7%*	*76.7%*
Race/Ethnicity						
Hispanic	30	19	49	22.1%	28.8%	24.3%
Black, Not Hispanic	23	26	49	16.9%	39.4%	24.3%
White, Not Hispanic	79	20	99	58.1%	30.3%	49.0%
Other/Unknown	4	1	5	2.9%	1.5%	2.5%
Total	**136**	**66**	**202**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*53*	*45*	*98*	*39.0%*	*68.2%*	*48.5%*
Transmission Category						
MSM	57	0	57	41.9%	0.0%	28.2%
IDU	22	15	37	16.2%	22.7%	18.3%
MSM/IDU	3	0	3	2.2%	0.0%	1.5%
Heterosexual	36	43	79	26.5%	65.2%	39.1%
Not Reported/Other	18	8	26	13.2%	12.1%	12.9%
Total	**136**	**66**	**202**	**100.0%**	**100.0%**	**100.0%**

MORRIS, SUSSEX,	AS OF DECEMBER 31, 2018					
WARREN COUNTIES	Number			Percent		
	Male	Female	Total	Male	Female	Total
Disease Category				**72.0%**	**28.0%**	**100.0%**
HIV	406	177	583	44.8%	50.3%	46.3%
AIDS	500	175	675	55.2%	49.7%	53.7%
Total	**906**	**352**	**1,258**	**100.0%**	**100.0%**	**100.0%**
Current Age						
< 13	0	1	1	0.0%	0.3%	0.1%
13 - 24	15	8	23	1.7%	2.3%	1.8%
25 - 34	81	27	108	8.9%	7.7%	8.6%
35 - 44	125	42	167	13.8%	11.9%	13.3%
45 - 54	245	119	364	27.0%	33.8%	28.9%
55+	440	155	595	48.6%	44.0%	47.3%
Total	**906**	**352**	**1,258**	**100.0%**	**100.0%**	**100.0%**
Age 45+	*685*	*274*	*959*	*75.6%*	*77.8%*	*76.2%*
Race/Ethnicity						
Hispanic	253	90	343	27.9%	25.6%	27.3%
Black, Not Hispanic	172	103	275	19.0%	29.3%	21.9%
White, Not Hispanic	456	152	608	50.3%	43.2%	48.3%
Other/Unknown	25	7	32	2.8%	2.0%	2.5%
Total	**906**	**352**	**1,258**	**100.0%**	**100.0%**	**100.0%**
R/E Minority	*425*	*193*	*618*	*46.9%*	*54.8%*	*49.1%*
Transmission Category						
MSM	427	0	427	47.1%	0.0%	33.9%
IDU	117	71	188	12.9%	20.2%	14.9%
MSM/IDU	26	0	26	2.9%	0.0%	2.1%
Heterosexual	196	232	428	21.6%	65.9%	34.0%
Not Reported/Other	140	49	189	15.5%	13.9%	15.0%
Total	**906**	**352**	**1,258**	**100.0%**	**100.0%**	**100.0%**