

NEWARK EMA



2023 HIV/AIDS EPIDEMIOLOGICAL PROFILE

**HIV Surveillance Data as of
December 31, 2022**

September 2023

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Data as of December 31, 2022

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2023 EPI PROFILE - Newark EMA

Findings – Current Year and Trends¹

- **Total PLWH** – In 2022 there were a **total of 13,527 People Living with HIV (PLWH)** in the 5 county Newark Eligible Metropolitan Area (EMA). The epidemic has leveled off in both the EMA and New Jersey.
 - The EMA’s HIV epidemic declined slightly by **-263 or -1.9% from 13,790 in 2020 to 13,527 in 2022.**
 - The **leveling of the epidemic** followed the **statewide trend**, with PLWH in NJ also declining slightly by **-458 (-1.2%) from 38,151 in 2020 to 37,693 in 2022.**

(Note: Data from 2021 were based on NJDOH published data as of 6/30/21 and may not be comparable to data based on December 31. NJDOH data from NJ SHAD for PLWH as of 12/31/21 showed 13,210 in the Newark EMA and 36,634 in New Jersey.)
- **Gender** – The **percent of female PLWH continues to decline** within the total epidemic – from **37% in 2014 through 2017, 36% in 2018-2020 and 35% in 2022. Male percentage is increasing to 65% in 2022**, 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 PLWH, there was a **decline from 68% to 62% among African Americans and an increase from 14% to 25% among Hispanic/Latinos 2013-2022.** There has been no change among NonHispanic Whites at 12% and Other at 1%.
- **Age** – The EMA continued to reflect an **aging epidemic, with over half - 51% - of PLWH age 55 or older and 72% older than age 45.** Of those **28% under age 45:** 15% were age 35-44, 11% were age 25-44 and two percent (2%) were age 13-24. Pediatric cases (birth through age 12) are 0.1% of the epidemic.
- **Transmission Mode**
 - **Males** – The transmission mode for males has changed dramatically in the Newark EMA. **In 2022 the leading transmission mode among males is Men who have Sex with Men (MSM) at 43%, up from 32% in 2013.** The second leading cause in 2013 at 29% – Heterosexual – remained at #2 at 27% in 2022. The 3rd leading cause – Injection Drug Use (IDU) – dropped from 19% in 2013 to 13% in 2022. The fourth cause is “Other” which remained steady with a slight decline from 16% in 2013 to 14% in 2022.
 - **Females** – There has been minimal change in transmission mode for females from 2013 to 2022. Heterosexual remained #1 rising from 65% to 70% and IDU at #2 declined from 21% to 16%. 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.

¹ NJ Dept. of Health. New Jersey HIV/AIDS Report December 31, 2022.

- **Geography** – The epidemic continues to **slowly spread outside of Essex County** to Union County and the Morris, Sussex, Warren counties region. From 2013-2022, the percent of NEMA PLWH in Essex County declined from 71% to 68%, increased in Union from 21% to 22% and increased in the Morris, Sussex, Warren region from 8% 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 68% or 9,213 PLWH, down from 72% in 2012, 71% in 2017, and 70% in 2018.
 - **The City of Newark remains the epicenter of HIV in the EMA, at 40% of total PLWH in 2022, down from 44% in 2010. This percentage is twice as high as Union County and 4 times as high as the Morris/Sussex/Warren region.**
 - **Newark comprises 15% of New Jersey’s HIV epidemic – more than most counties in the state. Nearly 1 in 6 NJ PLWH reside in Newark.**
- **Prevalence of HIV in the General Population in 2022** – 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.)
 - **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, 0.6% in Union, and 0.2% in the Morris/Sussex/Warren county region.
 - **Prevalence is higher in the EMA’s 5 largest cities at 1.6% of the population with HIV. Rates are highest in East Orange (2.0%), followed by Newark (1.9%), and Irvington (1.9%) but lower in Plainfield (0.9%) 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

- **In the Newark EMA, 1.9% of Black/African American residents have HIV, higher than 1.6% statewide.** By county, HIV prevalence among African Americans is **2.1% in Essex County**, 1.4% in Union, and 1.3% in Morris/Sussex/Warren counties.
- **Rates are higher among African Americans in the 5 cities at 2.3% with HIV. Newark is highest at 2.7%**, followed by East Orange at 2.0%, Irvington at 2.0%, Elizabeth at 1.9%, and Plainfield at 1.2%.

Hispanic/Latinos

- **In the Newark EMA, HIV prevalence is 0.9% of Hispanic/Latino residents, slightly higher than 0.8% statewide.** By county, HIV prevalence among Hispanic/Latino residents is **1.2% in Essex County**, 0.8% in Union, and 0.5% in Morris/Sussex/Warren counties.
- Rates are higher among Hispanic/Latino residents of the 5 cities at 1.2%. East Orange is highest at 2.0%, followed by Irvington at 1.5%, Newark at 1.5%, Elizabeth at 0.8% and Plainfield at 0.6%.

HIV/AIDS Data as of 12/31/22

Table 1: PLWH as of 12/31/22

County	PLWH
Essex	9,223
Union	3,031
Morris	864
Sussex	201
Warren	208
Total-NEMA	13,527
MSW	1,273
	9.4%

Figure 1: Distribution of PLWH by County, 12/31/22

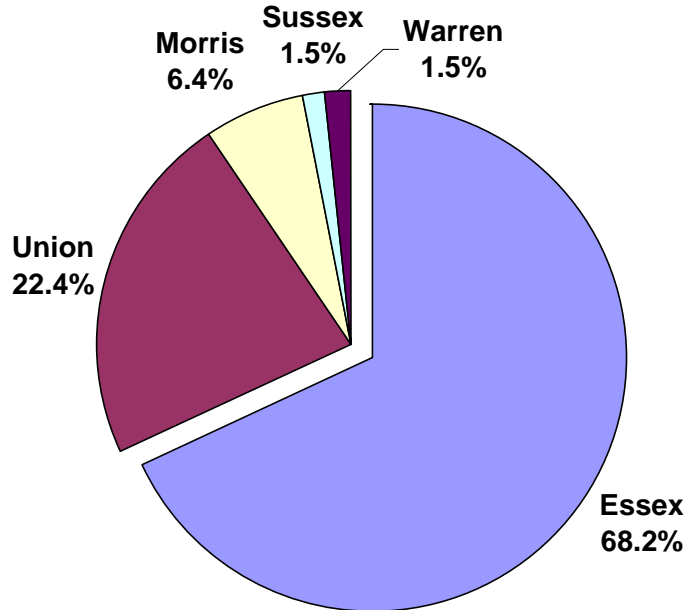


Figure 2: Distribution of PLWH by AIDS and HIV (Not AIDS) within County - 2022

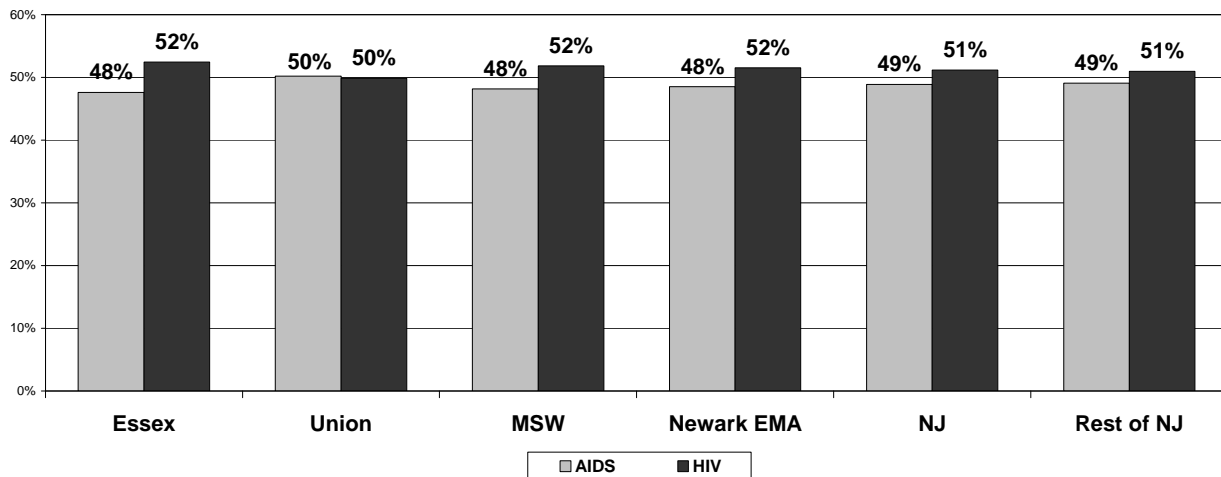
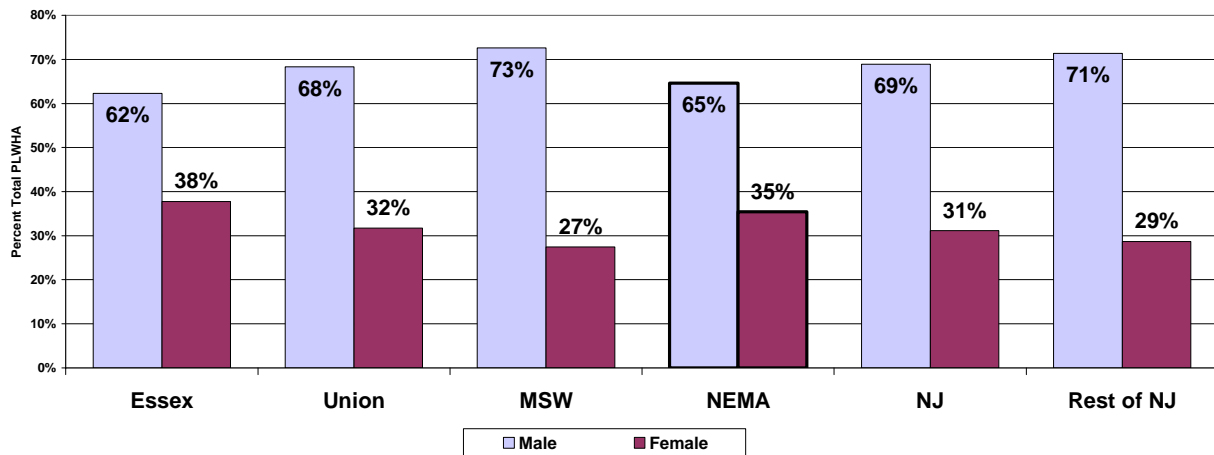


Figure 3: Distribution of PLWH by Gender within County - 2022



The percent of female PLWH in the EMA has declined from 40% through 2010 to 35% as of 2022.

Figure 4: Distribution of PLWH by Age Category - 2022

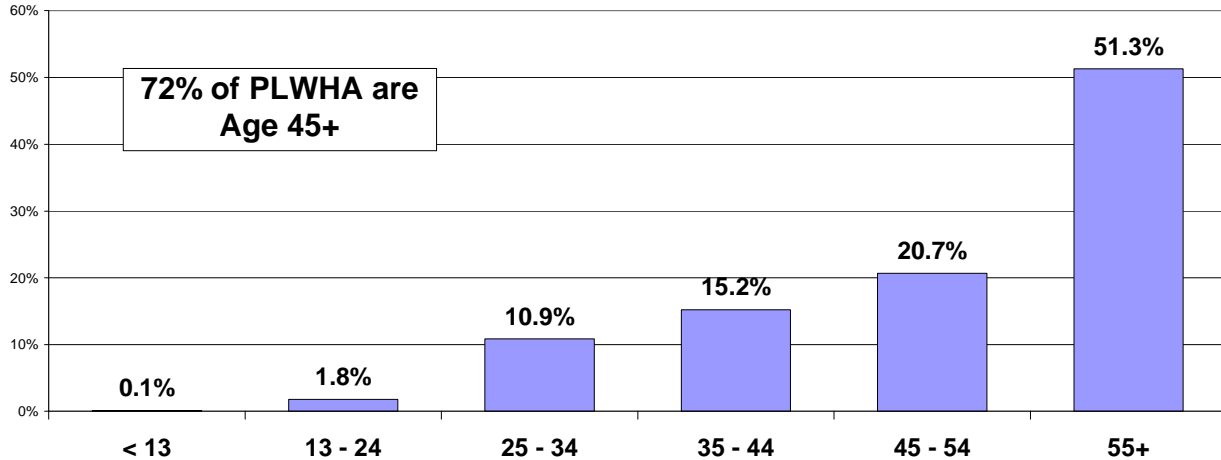
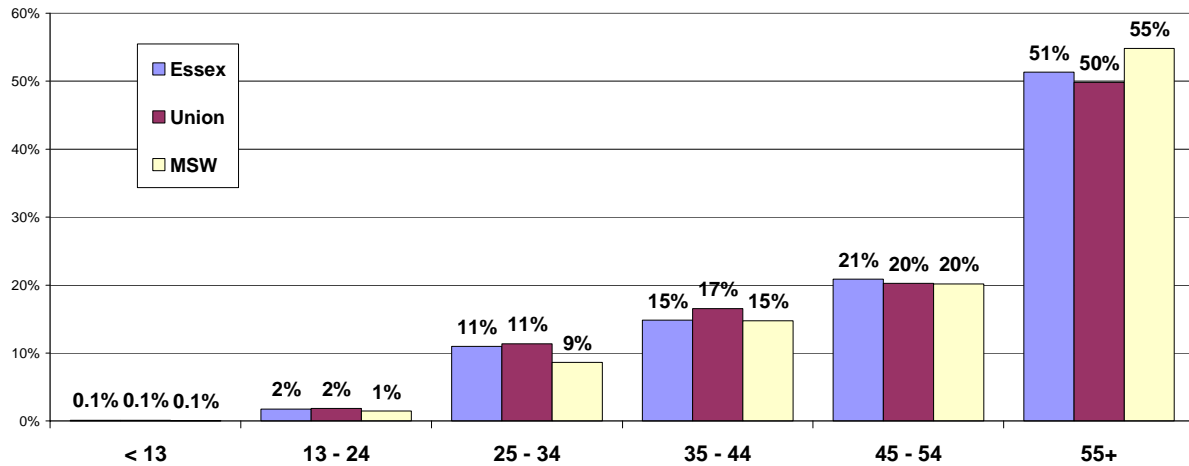


Figure 5: Distribution of PLWH by Age Category within County - 2020



Percent of PLWH Age 45+ by County:

Essex	72%	Up from 63% in 2013
Union	70%	Up from 65% in 2013
MSW	75%	Up from 67% in 2013

Figure 6: Distribution of PLWH by Race/Ethnicity within County - 2022

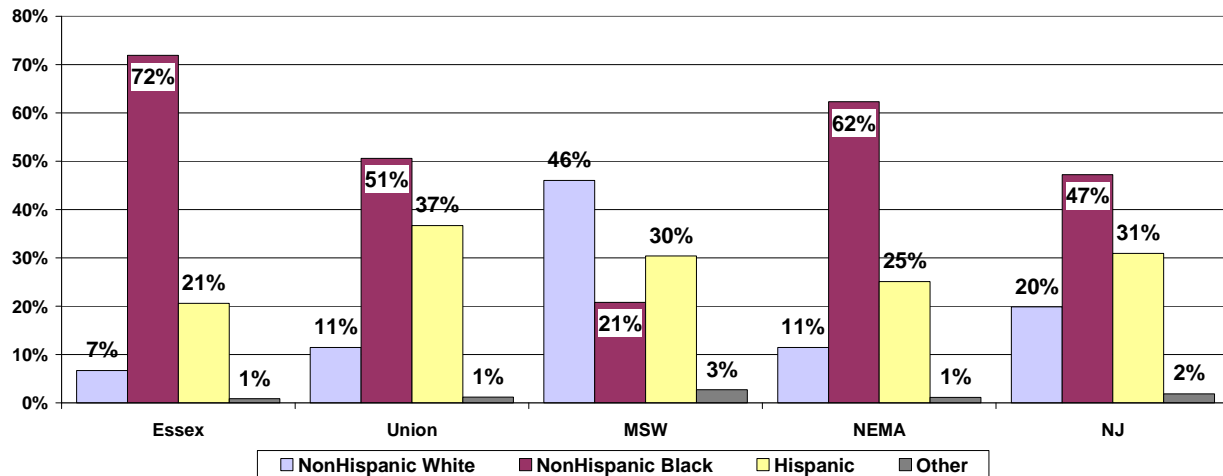


Figure 7: Distribution of PLWH by Exposure Category in Newark EMA - 2022

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 the 2nd leading cause in 2013.

In 2022 MSM continues to be the leading cause among males, for the past 12 years.

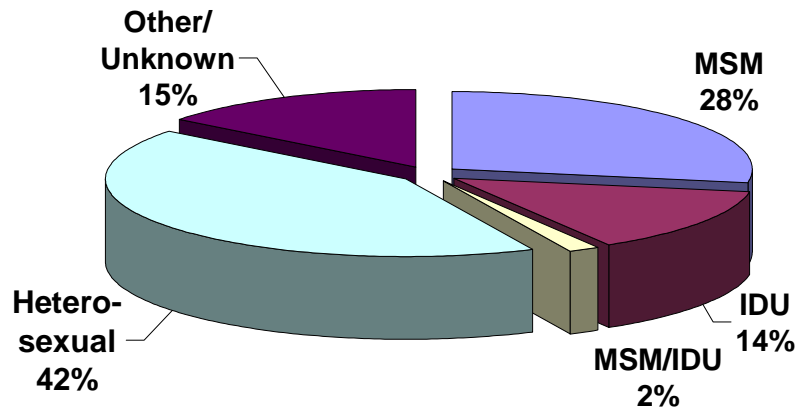


Figure 8: Distribution of Male PLWH by Male Exposure Category Within County - 2022

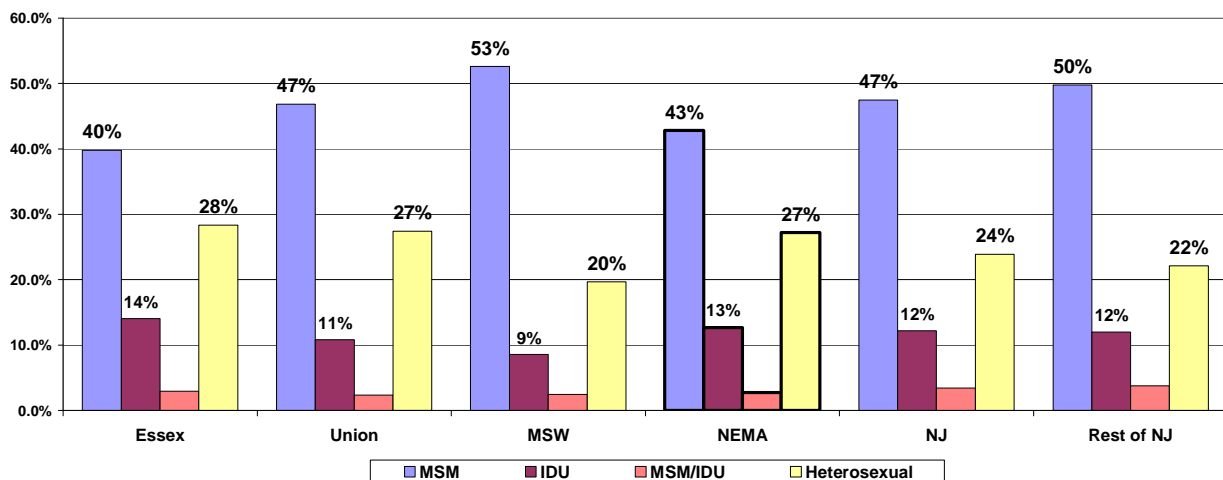


Figure 9: Distribution of Female PLWH by Female Exposure Category Within County – 2022

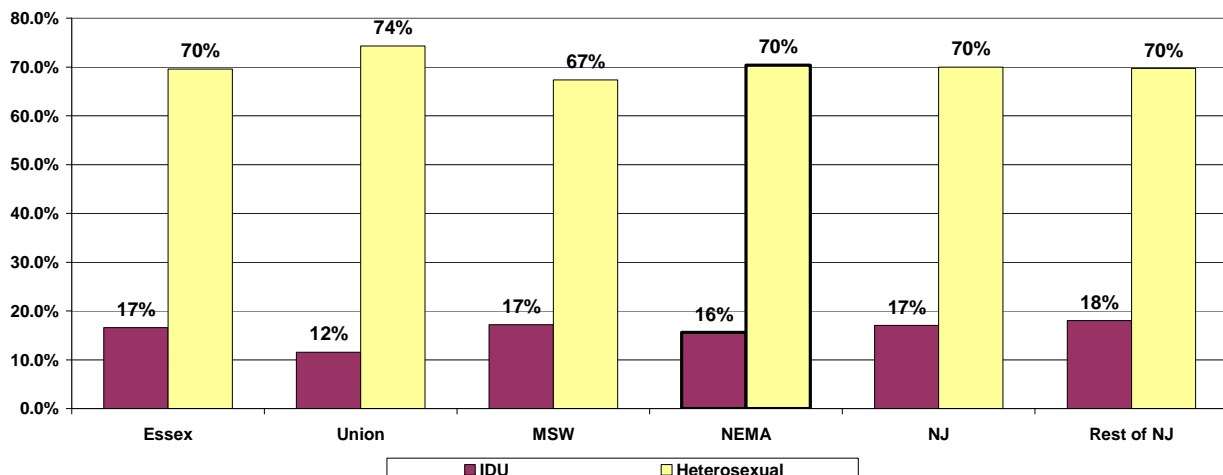


Figure 10: Distribution of PLWH by 5 Largest Cities and Rest of NEMA - 2022

68% of the EMA’s PLWH reside in its five largest cities. While this is a decline from the 74% in 2013, the total number of 9,582 PLWH including 5,354 in Newark is very high. Resources must still be targeted to these five cities.

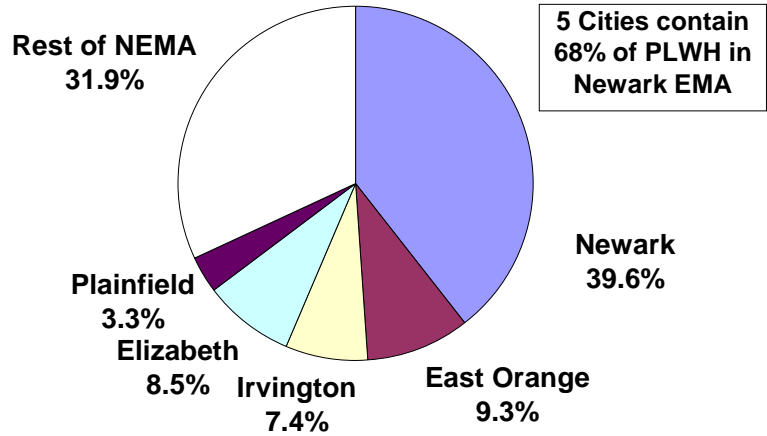


Table 2: PLWH in EMA’s Five Largest Cities – 2022

City	PLWH	% NEMA
Newark	5,354	39.6%
East Orange	1,264	9.3%
Irvington	997	7.4%
Elizabeth	1,146	8.5%
Plainfield	452	3.3%
TOTAL	9,582	68.1%

Figure 11: HIV Prevalence by Race/Ethnicity – by County, Total Newark EMA and NJ 2022

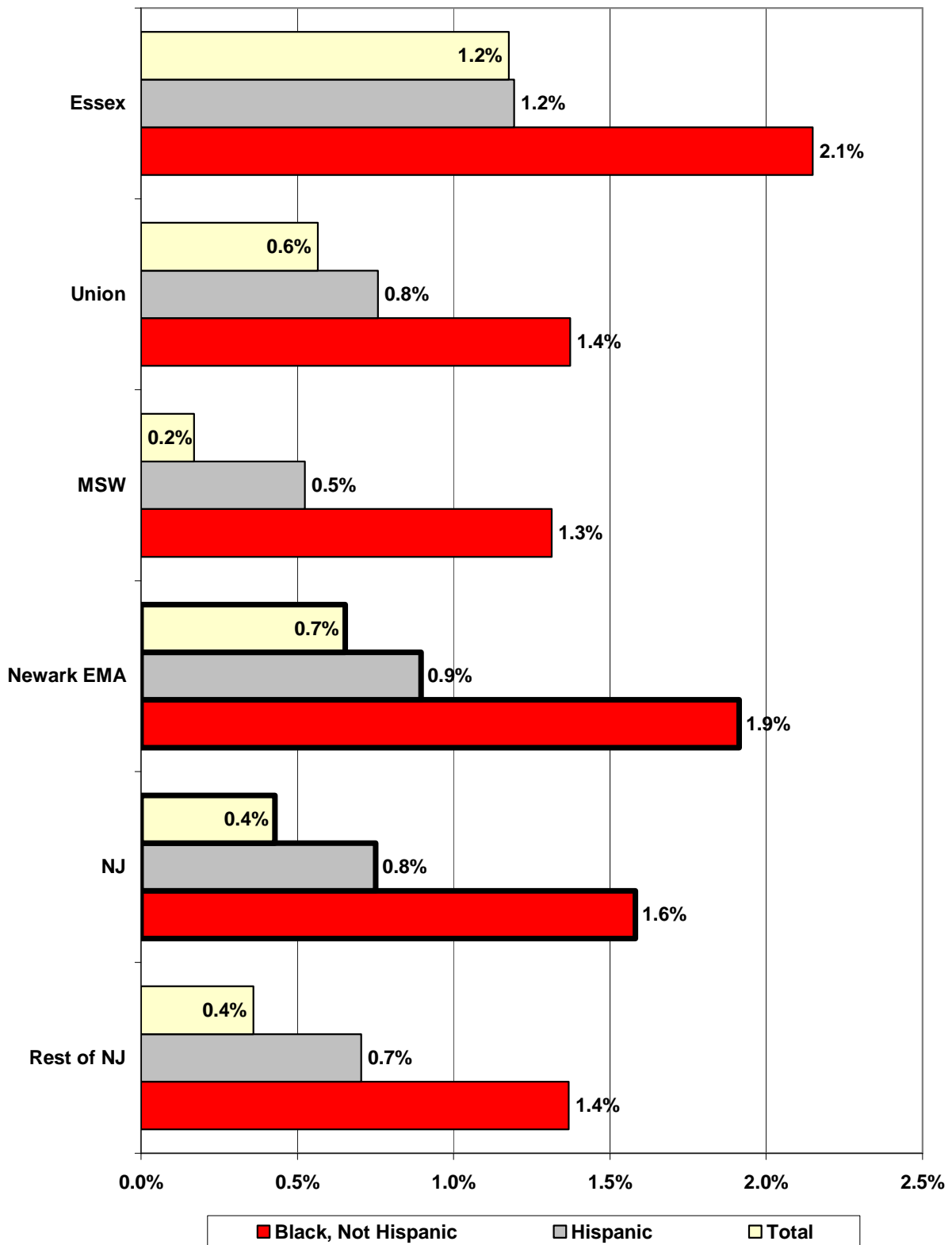
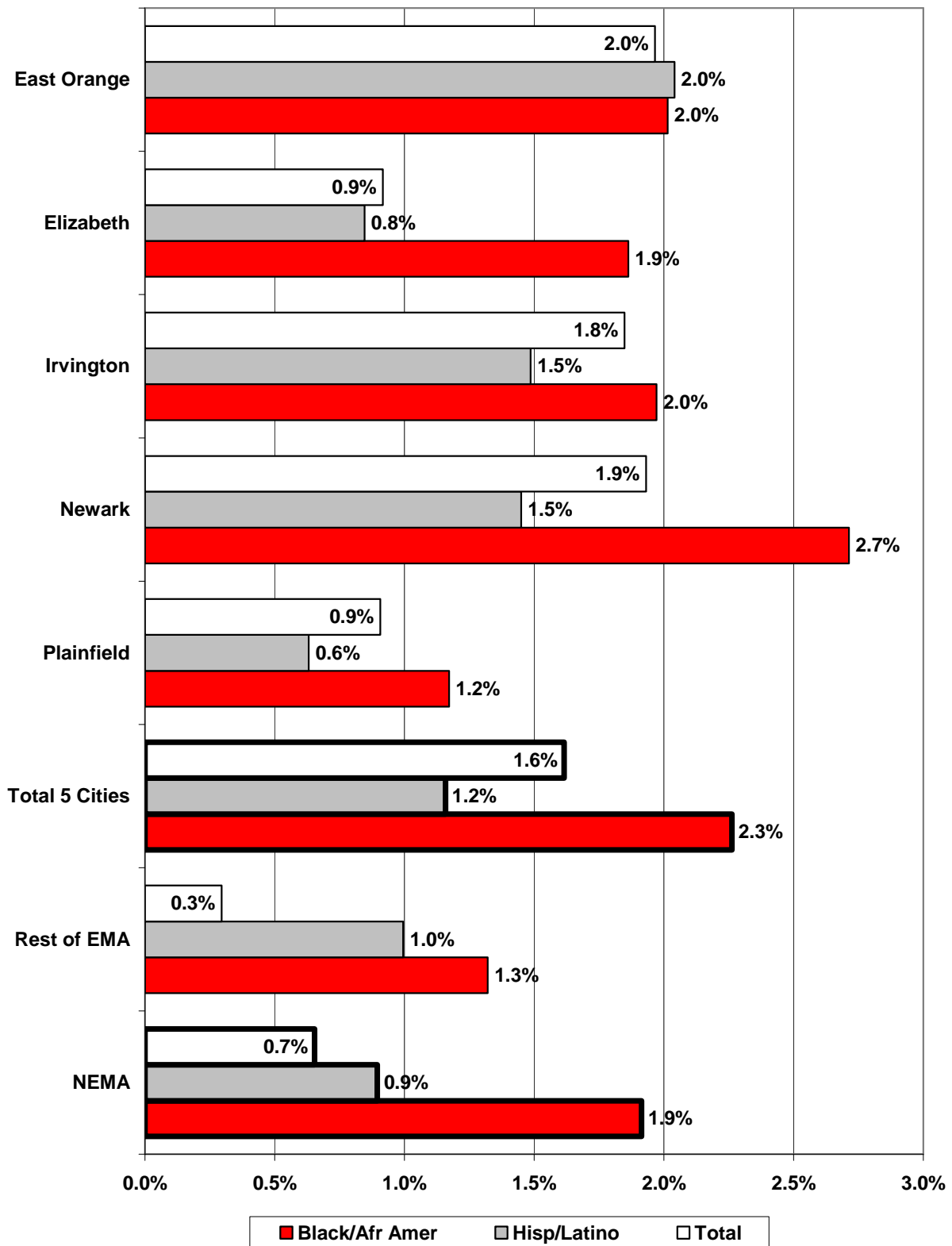


Figure 12: HIV Prevalence by Race/Ethnicity – by 5 Cities, Total Newark EMA and NJ 2022



TRENDS in HIV/AIDS Data 2013 to 2022

Figure 13: PLWH in Newark EMA 2013 - 2022

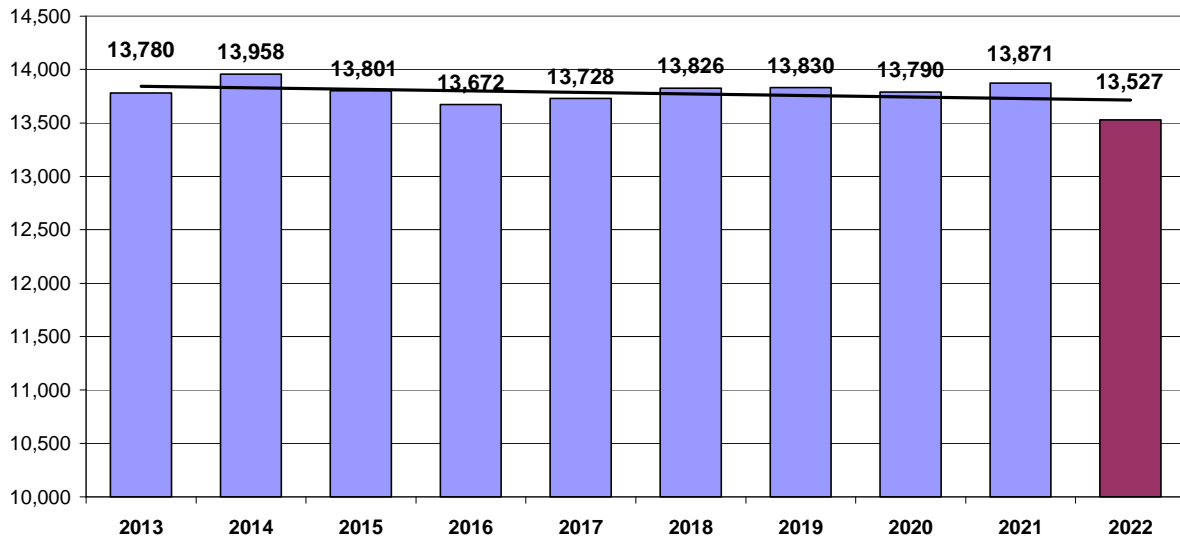


Figure 14: PLWH in New Jersey 2013 - 2022

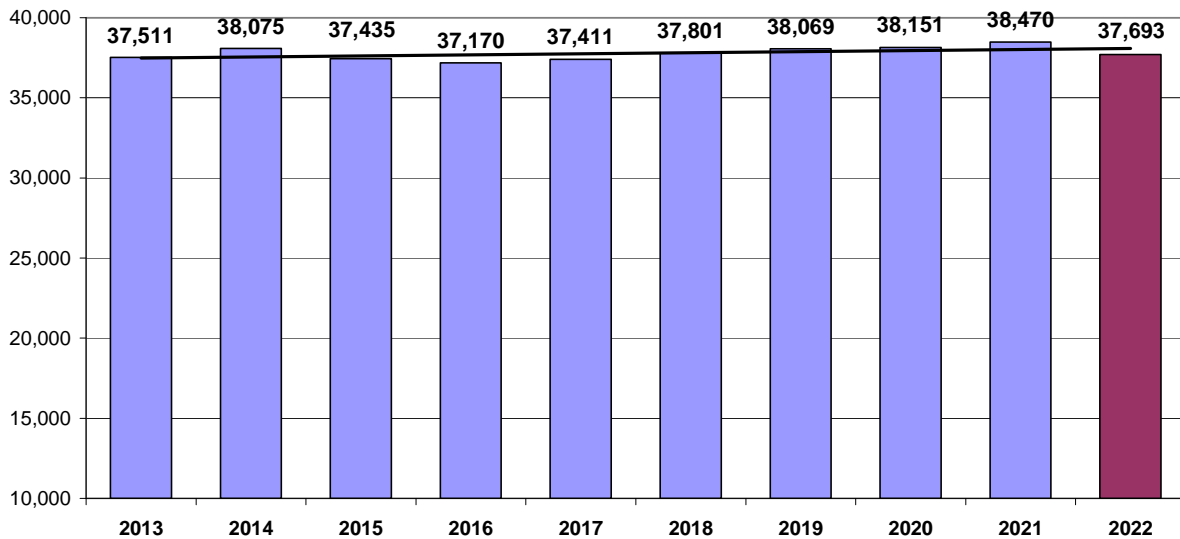


Figure 15: PLWH in Newark EMA by Gender 2013 – 2022

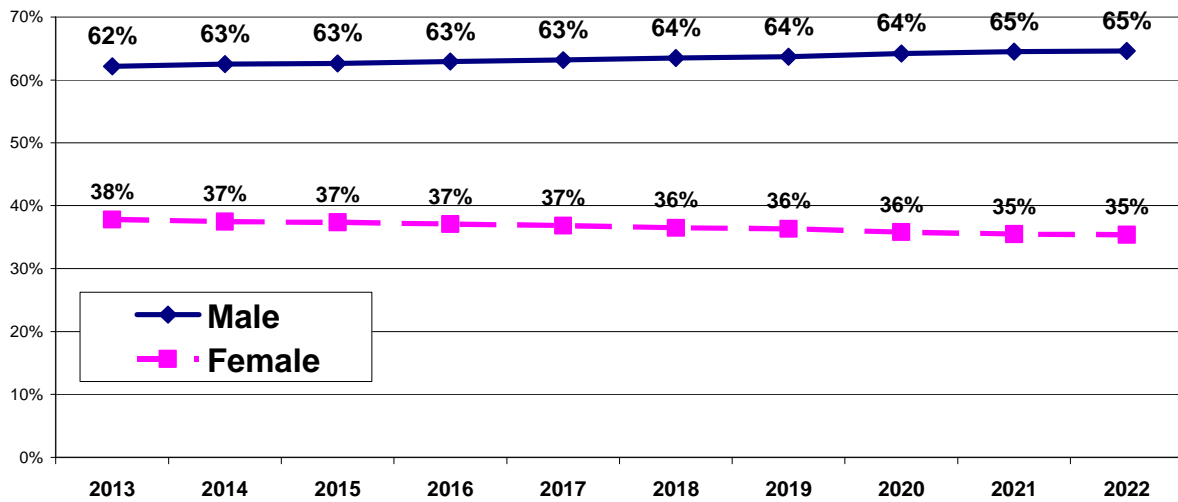


Figure 16: PLWH in Newark EMA by Race/Ethnicity 2013 - 2022

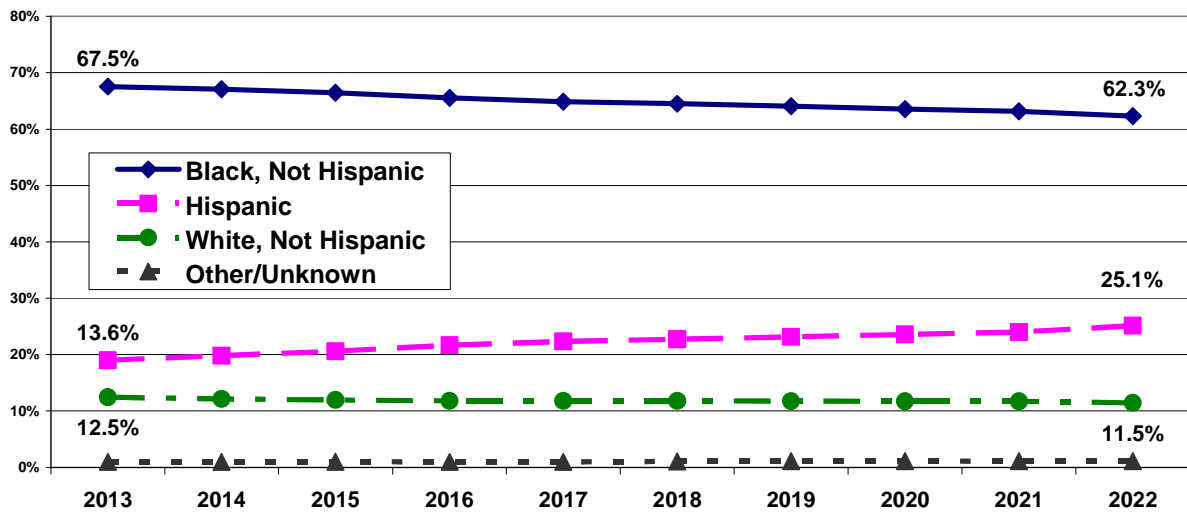


Figure 17: PLWH in Newark EMA by Age Category 2013 - 2022

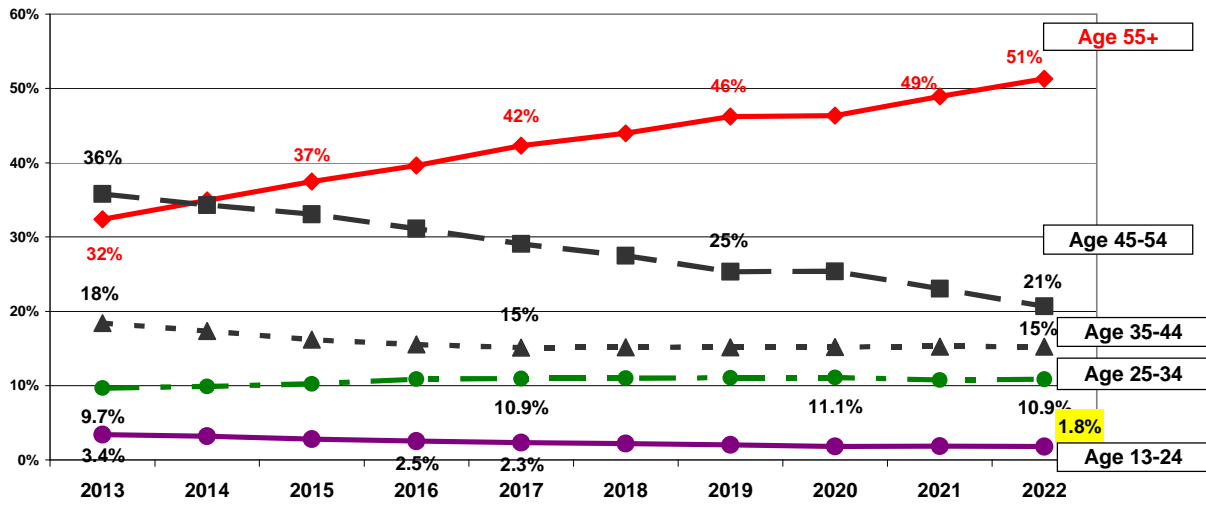


Figure 18: Male PLWH in Newark EMA by Transmission Mode 2013 - 2022

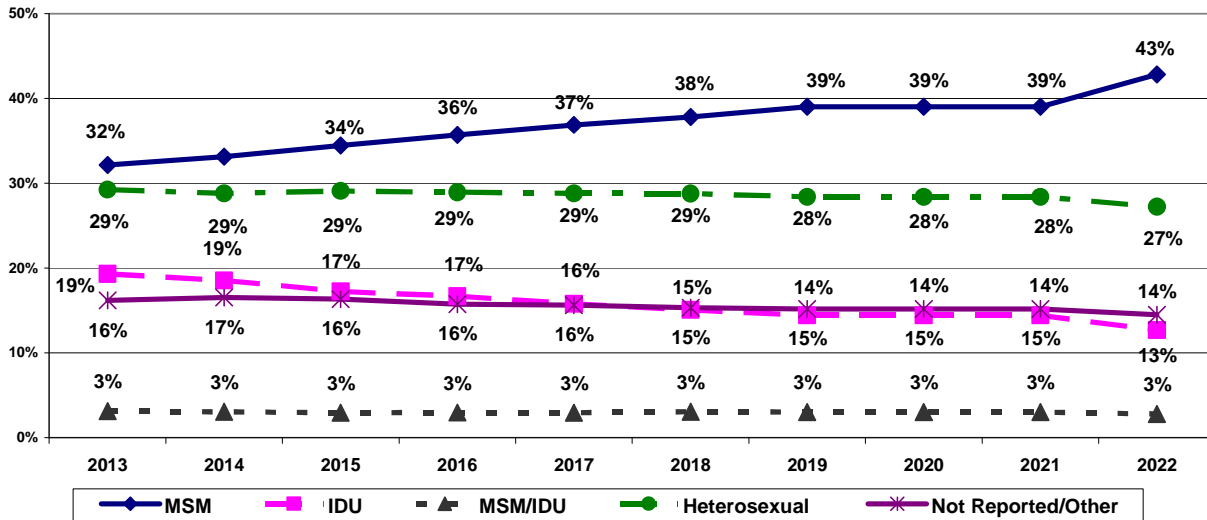


Figure 19: Female PLWH in Newark EMA by Transmission Mode 2013 - 2022

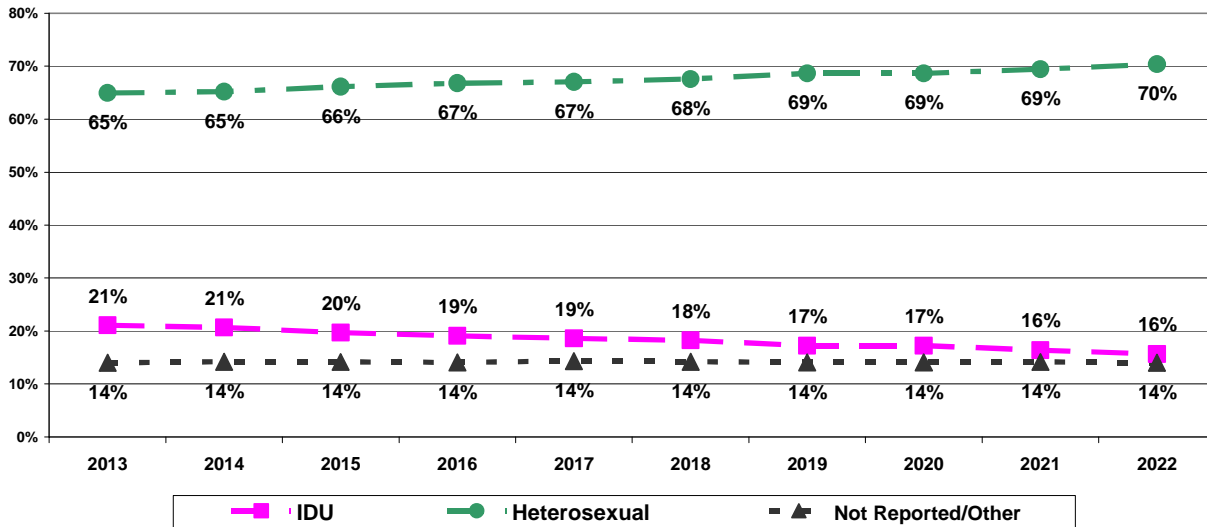


Figure 20: Distribution of PLWH in Newark EMA by County/Region 2013 - 2022

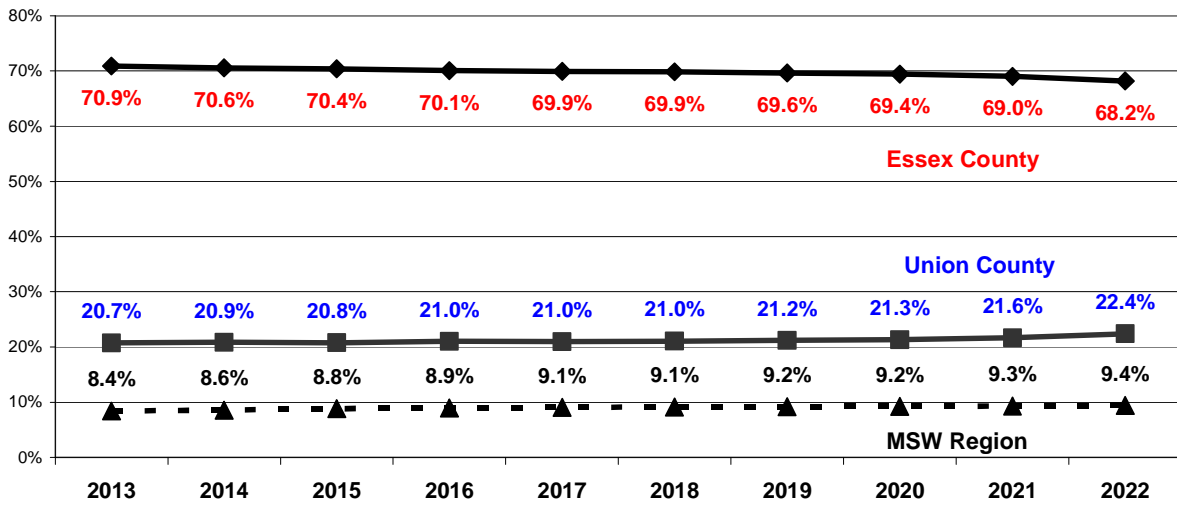
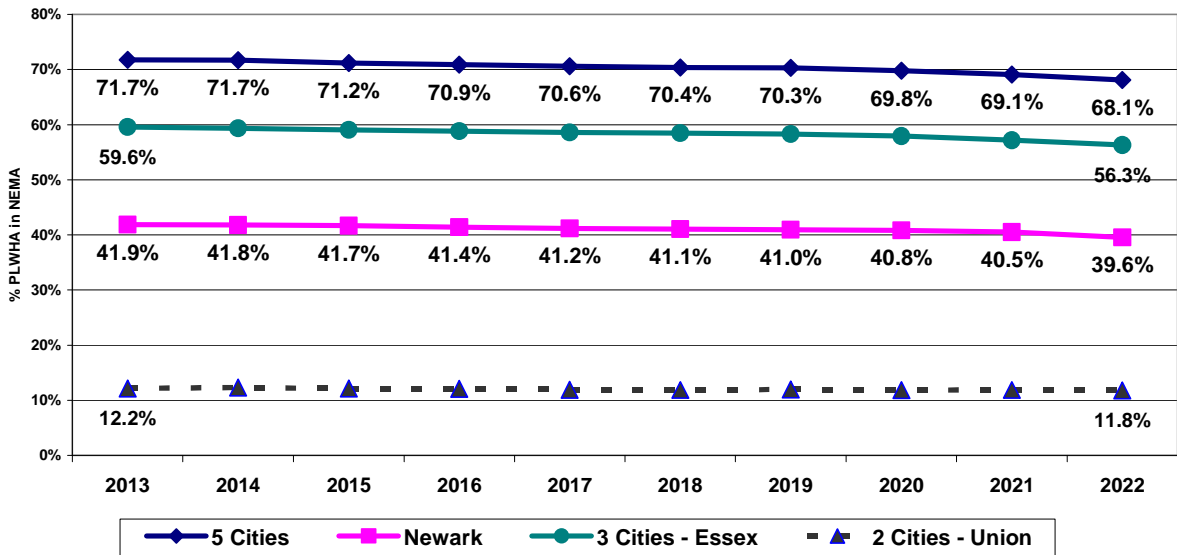


Figure 21: Urban Concentration of PLWH in 5 Cities in Newark EMA 2013 - 2022



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

UNAWARE PLWH

RWHAP legislation requires the Planning Council’s estimate of the size and demographics of the HIV epidemic to include an **estimate of PLWH 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 PLWH captured by HIV surveillance data.)

The Centers of Disease Control and Prevention (CDC) reported that at the end of 2021, an estimated 1.2 million people aged 13 and older had HIV **infection in the United States. Of those people, about 87% knew they had HIV.**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 2023 Epidemiological Profile will apply the CDC estimate of **13% “unaware”** to our PLWH.

Table 3: Estimate of Total PLWH in Newark EMA in 2022 – Diagnosed and Unaware

Category	#	%
Diagnosed	13,527	87%
Unaware (Estimated 13% of Total)	2,021	13%
Estimated Total PLWH in EMA	15,548	100%

² CDC. <https://www.cdc.gov/hiv/basics/statistics.html>

NEW HIV DIAGNOSES 2021

Data on new HIV diagnoses for the Newark EMA were provided by the NJ Dept. of Health (NJDOH), Division of HIV, STD and TB Services (DHSTS) for the 12-year period 2010-2021.³ This resource is extremely helpful to understanding the trends in the EMA's HIV epidemic. This data is available by **county and the EMA only. Data by city or for the transgender population is not available from this data source.**

Newly-Diagnosed PLWH in Newark EMA 2021

- **New HIV Diagnoses.** A total of **412 persons residing in the Newark EMA were newly diagnosed with HIV in 2021.**
 - This is an increase of 32% over the 312 newly diagnosed PLWH in 2020 residing in the EMA.
- **Percent of NJ New Dx.** Newly-diagnosed Newark EMA residents accounted for **35% of the 1,177 individuals newly diagnosed in New Jersey in 2021. This is proportional to the EMA's percent of NJ PLWH.**
- **Demographics of New Diagnoses.** Demographics of the total new HIV diagnoses show shifts in the EMA's epidemic.
 - **Race/Ethnicity.** Of the newly diagnosed PLWH in 2021, **36% were Hispanic/Latino, 52% Black/African American and 9% Non-Hispanic white.** This shows an **increase in newly-diagnosed Hispanic/Latino** compared with PLWH (in 2022) at 25% Hispanic, 62% black, and 12% white.
 - **Gender.** Of the newly diagnosed PLWH in 2021, **26% were female and 74% male versus 35% females with HIV residing in the EMA.** This is a decline in newly-diagnosed females 33% in 2010, and a corresponding **increase in newly diagnosed males** from 67% in 2010.
 - **Age Category.** This analysis highlights where the new epidemic is occurring – individuals age 25-44.
 - Of the newly diagnosed PLWH in 2021, **over half (51.7%) were among individuals age 25-44. Nearly one third were among “former youth” age 25-34 and 21% age 35-44.** A further breakdown shows 15% age 25-29, 15% age 30-34, 11% age 35-39 and 10% age 40-44.
 - **15% were among youth age 13-24, a much greater percent than their 2% proportion of the HIV epidemic.**
 - **Individuals age 45-54 and age 55 and older** had a much lower percent of new HIV infections than their HIV prevalence, at 18% and 16%, respectively.

³ N.J. Dept of Health. NJ SHAD – State Health Assessment Data. Data on new HIV diagnoses occurring in 2021 were available on NJ SHAD in **January 2023.**

- **Transmission Category.** Of the newly diagnosed PLWH in 2021, **45% were men who have sex with men (MSM), 25% were heterosexual transmission, 2% were Injection Drug Users (IDU).** In comparison to PLWH as of 2022, where only 28% are MSM, 42% heterosexual, and 14% IDU.
- **“Late Testers.”** The percent of those newly diagnosed with AIDS (Stage III HIV) has declined from 32% in 2015 to 18% in 2020. This reduction in “late testers” is due to a number of factors, including the EMA’s system of partnerships between prevention/testing sites and care and treatment providers, known as “EIRCs” (Early Intervention and Retention Collaboratives). However, the percent of “late testers” increased in 2021 to 23%. This will be investigated further.

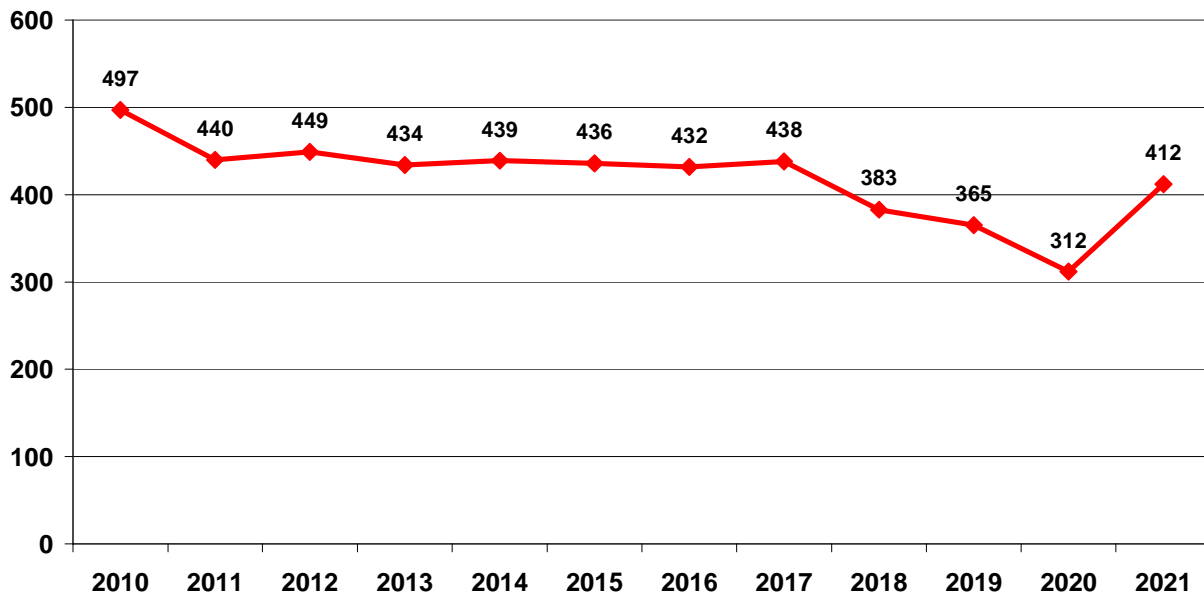
New HIV Diagnoses in Newark EMA

Year	HIV	AIDS
2015	68%	32%
2016	82%	18%
2017	83%	17%
2018	81%	19%
2019	81%	19%
2020	82%	18%
2021	77%	23%

Source: NJ Dept. Health

Figure 22: Trends in New Diagnoses of HIV in Newark EMA – 2010 - 2021

Number of Individuals Newly Diagnosed with HIV in Newark EMA - 2010-2021



Year of Diagnosis	Total # Individuals
2010	497
2011	440
2012	449
2013	434
2014	439
2015	436
2016	432
2017	438
2018	383
2019	365
2020	312
2021	412
Total	5,037

Figure 23: Trends in New Diagnoses of HIV by Race/Ethnicity in Newark EMA – 2010 - 2021

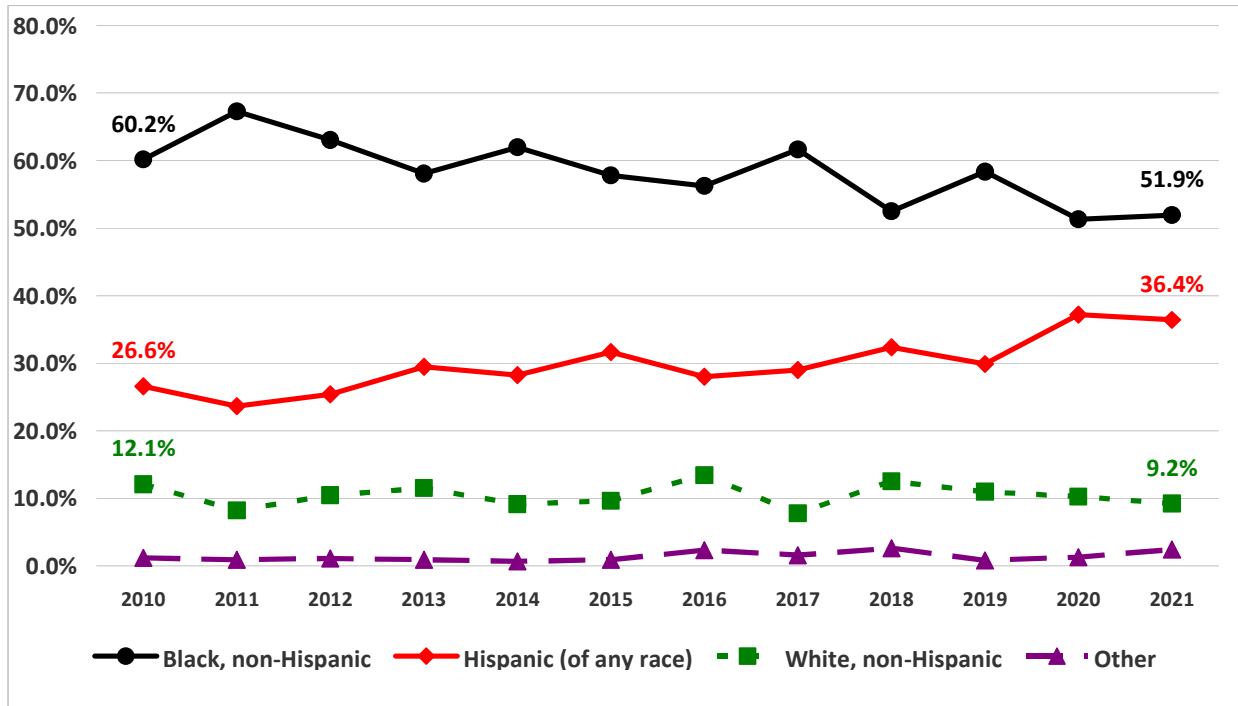


Table 4: Number of New Diagnoses of HIV by Race/Ethnicity in Newark EMA – 2010 - 2021

Race/Ethnicity	Black, non-Hispanic	Hispanic (of any race)	White, non-Hispanic	Other	Total	Black, non-Hispanic	Hispanic (of any race)	White, non-Hispanic	Other
2010	299	132	60	6	497	60.2%	26.6%	12.1%	1.2%
2011	296	104	36	4	440	67.3%	23.6%	8.2%	0.9%
2012	283	114	47	5	449	63.0%	25.4%	10.5%	1.1%
2013	252	128	50	4	434	58.1%	29.5%	11.5%	0.9%
2014	272	124	40	3	439	62.0%	28.2%	9.1%	0.7%
2015	252	138	42	4	436	57.8%	31.7%	9.6%	0.9%
2016	243	121	58	10	432	56.3%	28.0%	13.4%	2.3%
2017	270	127	34	7	438	61.6%	29.0%	7.8%	1.6%
2018	201	124	48	10	383	52.5%	32.4%	12.5%	2.6%
2019	213	109	40	3	365	58.4%	29.9%	11.0%	0.8%
2020	160	116	32	4	312	51.3%	37.2%	10.3%	1.3%
2021	214	150	38	10	412	51.9%	36.4%	9.2%	2.4%

Figure 24: Trends in New Diagnoses of HIV by Gender and Total in Newark EMA – 2010 - 2021

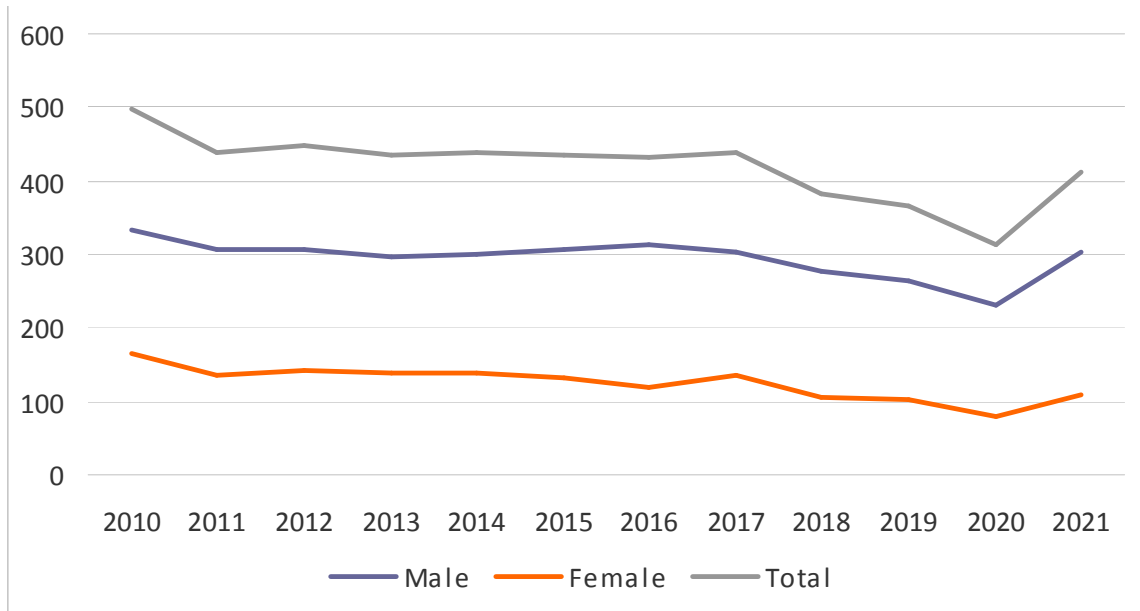


Table 5: Number of New Diagnoses of HIV by Gender and Total in Newark EMA – 2010 - 2021

Sex at birth	# Individuals			% Distribution	
	Male	Female	Total	Male	Female
2010	333	164	497	67.0%	33.0%
2011	305	135	440	69.3%	30.7%
2012	308	141	449	68.6%	31.4%
2013	297	137	434	68.4%	31.6%
2014	299	140	439	68.1%	31.9%
2015	305	131	436	70.0%	30.0%
2016	314	118	432	72.7%	27.3%
2017	303	135	438	69.2%	30.8%
2018	278	105	383	72.6%	27.4%
2019	263	102	365	72.1%	27.9%
2020	232	80	312	74.4%	25.6%
2021	304	108	412	73.8%	26.2%
Total	3,541	1,496	5,037	70.3%	29.7%

Figure 25: Trends in New Diagnoses of HIV by County of Residence in Newark EMA – 2010 - 2021

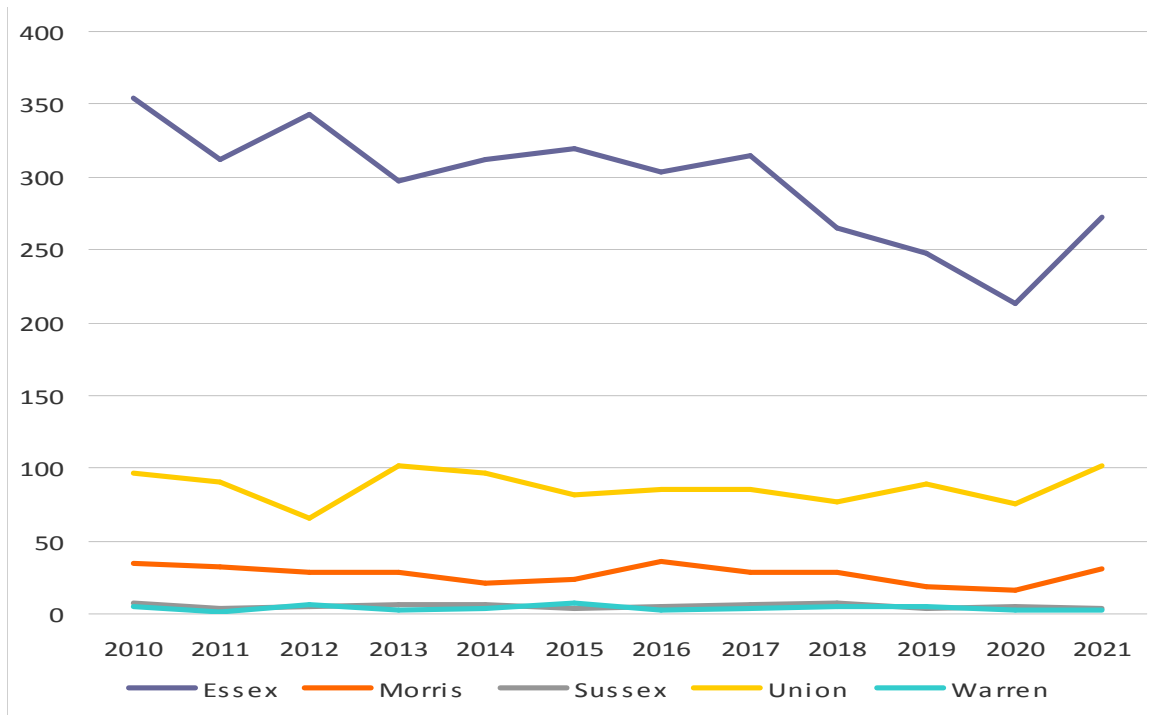
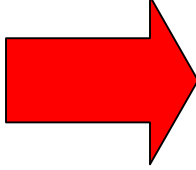


Table 6: Number of New Diagnoses of HIV by County of Residence in Newark EMA – 2010 - 2021

Year of Dx	# Individuals						% Distribution		
	Essex	Morris	Sussex	Union	Warren	Total	Essex	Union	MSW
2010	354	35	7	96	5	497	71.2%	19.3%	9.5%
2011	312	32	4	91	1	440	70.9%	20.7%	8.4%
2012	343	29	5	66	6	449	76.4%	14.7%	8.9%
2013	297	28	6	101	2	434	68.4%	23.3%	8.3%
2014	312	21	6	96	4	439	71.1%	21.9%	7.1%
2015	319	23	4	82	8	436	73.2%	18.8%	8.0%
2016	303	36	5	85	3	432	70.1%	19.7%	10.2%
2017	314	29	6	85	4	438	71.7%	19.4%	8.9%
2018	265	28	8	77	5	383	69.2%	20.1%	10.7%
2019	248	19	4	89	5	365	67.9%	24.4%	7.7%
2020	213	16	5	75	3	312	68.3%	24.0%	7.7%
2021	273	31	4	101	3	412	66.3%	24.5%	9.2%

Table 7: Newly Diagnosed PLWH in Newark EMA by Age Category – 2021

Age	#	%		Age	#	%
Under 13	0	0.0%		Age 20-24	50	12.1%
Age 13-24	60	14.6%		Age 25-29	63	15.3%
Age 25-34	126	30.6%		Age 30-34	63	15.3%
Age 35-44	87	21.1%		Age 35-39	47	11.4%
Age 45-54	74	18.0%		Age 40-44	40	9.7%
Age 55+	65	15.8%				
Total	412	100.0%				263

50% of newly diagnosed PLWH in EMA are age 25-45.

The figure below shows trends in new diagnoses by age category for the past six years (2016-2021). Twelve years would have made the figure too difficult to read.

Figure 26: Trends in Newly Diagnosed PLWH in Newark EMA by Age Category - 2016 – 2021

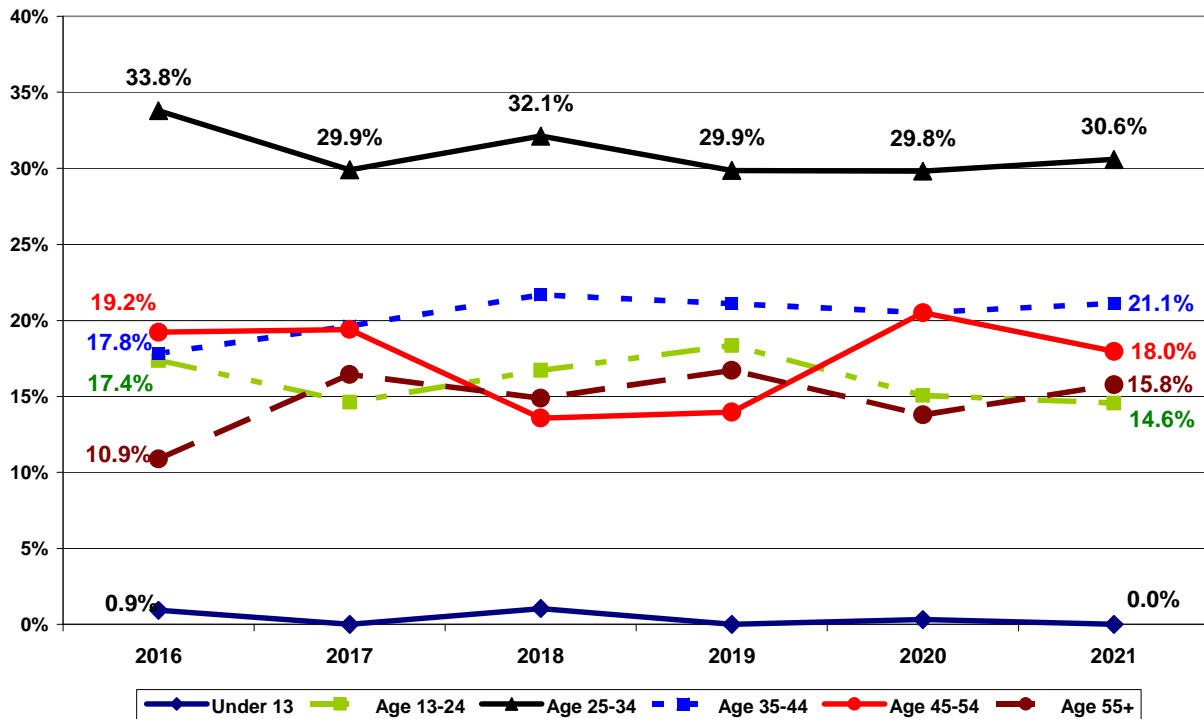


Figure 27: Trends in Newly Diagnosed PLWH in Newark EMA by Transmission Category – 2010-2021

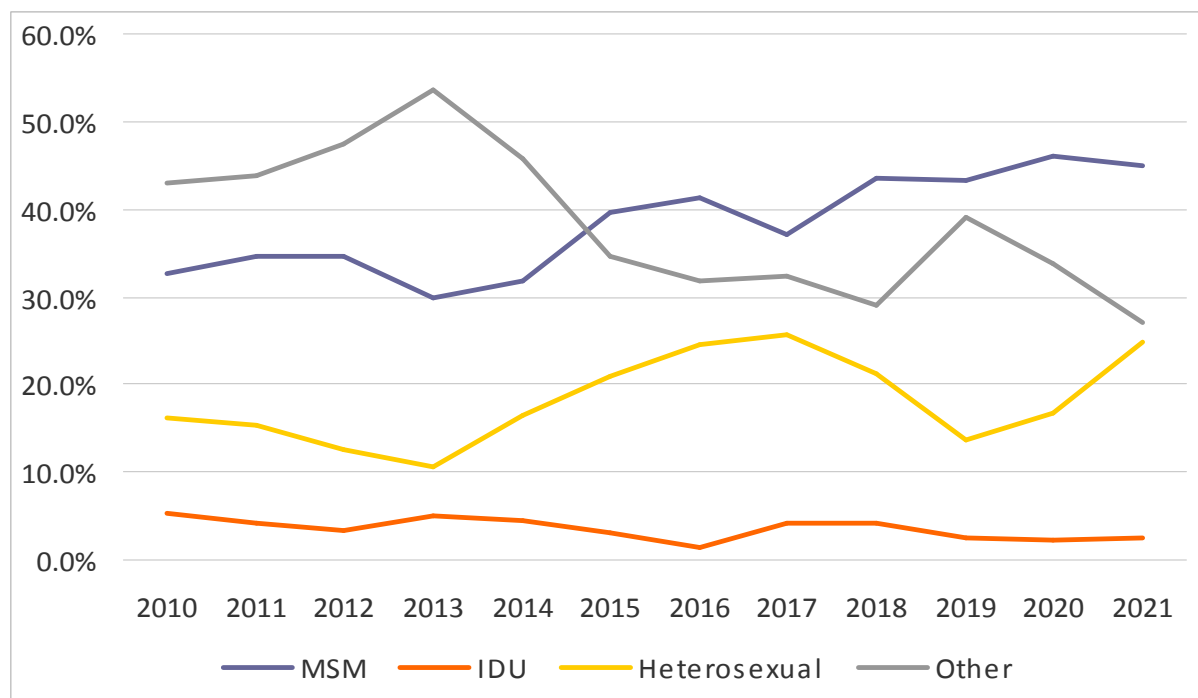


Table 8: Newly Diagnosed PLWH in Newark EMA by Transmission Category by Numbers and Percent Distribution – 2010-2021

Year of first HIV/AIDS diagnosis	HIV/AIDS transmission category						TOTAL
	Man who have Sex with Men (MSM)	Injection Drug Users (IDU)	MSM+IDU	Heterosexual contact	Other/unknown	Pediatric exposure	
2010	162	27	8	80	213	7	497
2011	152	18	6	68	193	3	440
2012	155	15	6	57	213	3	449
2013	129	22	3	46	232	2	434
2014	140	20	4	72	201	2	439
2015	173	13	5	91	151	3	436
2016	178	6	2	106	137	3	432
2017	162	18	3	113	142	0	438
2018	167	16	3	81	111	5	383
2019	158	9	5	50	143	0	365
2020	144	7	2	52	105	2	312
2021	185	10	2	102	112	1	412
Total	1905	181	49	918	1953	31	5037

Year of first HIV/AIDS diagnosis	HIV/AIDS Transmission Category						TOTAL
	Man who have Sex with Men (MSM)	Injection Drug Users (IDU)	MSM+IDU	Heterosexual contact	Other/unknown	Pediatric exposure	
2010	32.6%	5.4%	1.6%	16.1%	42.9%	1.4%	100.0%
2011	34.5%	4.1%	1.4%	15.5%	43.9%	0.7%	100.0%
2012	34.5%	3.3%	1.3%	12.7%	47.4%	0.7%	100.0%
2013	29.7%	5.1%	0.7%	10.6%	53.5%	0.5%	100.0%
2014	31.9%	4.6%	0.9%	16.4%	45.8%	0.5%	100.0%
2015	39.7%	3.0%	1.1%	20.9%	34.6%	0.7%	100.0%
2016	41.2%	1.4%	0.5%	24.5%	31.7%	0.7%	100.0%
2017	37.0%	4.1%	0.7%	25.8%	32.4%	0.0%	100.0%
2018	43.6%	4.2%	0.8%	21.1%	29.0%	1.3%	100.0%
2019	43.3%	2.5%	1.4%	13.7%	39.2%	0.0%	100.0%
2020	46.2%	2.2%	0.6%	16.7%	33.7%	0.6%	100.0%
2021	44.9%	2.4%	0.5%	24.8%	27.2%	0.2%	100.0%

Disproportionate Impact of New HIV Diagnoses on Newark EMA

For 2021, data on new HIV diagnoses are available for the EMA only, not for the City of Newark as in 2020.

- **Race/Ethnicity.** Hispanic/Latinos in the EMA are disproportionately impacted by new HIV diagnoses in 2021 at 36% of new diagnoses versus 25% of PLWH in 2022. Black/African Americans are a lower percentage of new diagnoses (52%) versus their 62% of the EMA’s HIV epidemic.
- **Gender.** The majority of new infections are occurring among men at 74% versus women at 26%. Their representation among PLWH are 65% and 35%, respectively.
- **Age.** New diagnoses by age are occurring among those under age 45. Youth age 13-24 account for 15% of new diagnoses in 2021 versus 2% of PLWH. Those age 25-44 account for more than half (52%) of new diagnoses in 2021 versus only one quarter (26%) of PLWH.
- **Transmission Category.** New HIV diagnoses by transmission category are predominantly among MSM (45%) – nearly double the MSM PLWH at 28%. New diagnoses by heterosexual transmission is 25% in 2021 compared to 42% of PLWH. Unfortunately, over one quarter (27%) of new diagnoses are labeled “Other/Unknown” – double the 14% PLWH in this category – which presents challenges to addressing the new HIV epidemic.

Table 9: Comparison of PLWH and Those Newly Diagnosed in the EMA 2021

Demographic Group/ Exposure Category	% Distribution	% Distribution
	PLWH (2022) EMA (13,527)	New Diagnoses (2021) EMA (412)
Race/Ethnicity		
Black/African American	62%	52%
Hispanic	25%	36%
White Not Hispanic	12%	9%
Other	1%	3%
Sex/Gender Identity		
Male	65%	74%
Female	35%	26%
Transgendered	0%	0%
Age		
<13 years	0%	0%
13 – 24 years	2%	15%
25 – 44 years	26%	52%
45 – 54 years	21%	18%
55 + years	51%	16%
Transmission Category		
MSM	28%	45%
IDU	14%	2%
MSM+IDU	2%	1%
Heterosexual	42%	25%
Other/Unknown	14%	27%
Total	100%	100%

HIV/AIDS AMONG TRANSGENDER PERSONS

Data on transgender PLWH 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. This presentation was updated in February 2021 for the NJHPG as “New Jersey HIV Epidemiological Profile – Priorities for Needs Assessment” with data for 2019.** Not all data from 2018 were included in the update. (NJDOH will provide data on Transgender PLWH in the EMA when available per August 2023 discussion.)

- 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 2022 the Newark EMA provided RWHAP Part A services to 94 PLWH who identified as transgender, up from 91 in 2021, 77 in 2020, 72 in 2019, 71 in 2018, 54 in 2017 and 45 in 2016. Although these are a significant portion of the 98 HIV prevalent transgender persons statewide in 2018, these NEMA Part A clients cannot be used to approximate the number or percent of PLWH in New Jersey who identify as transgender persons.

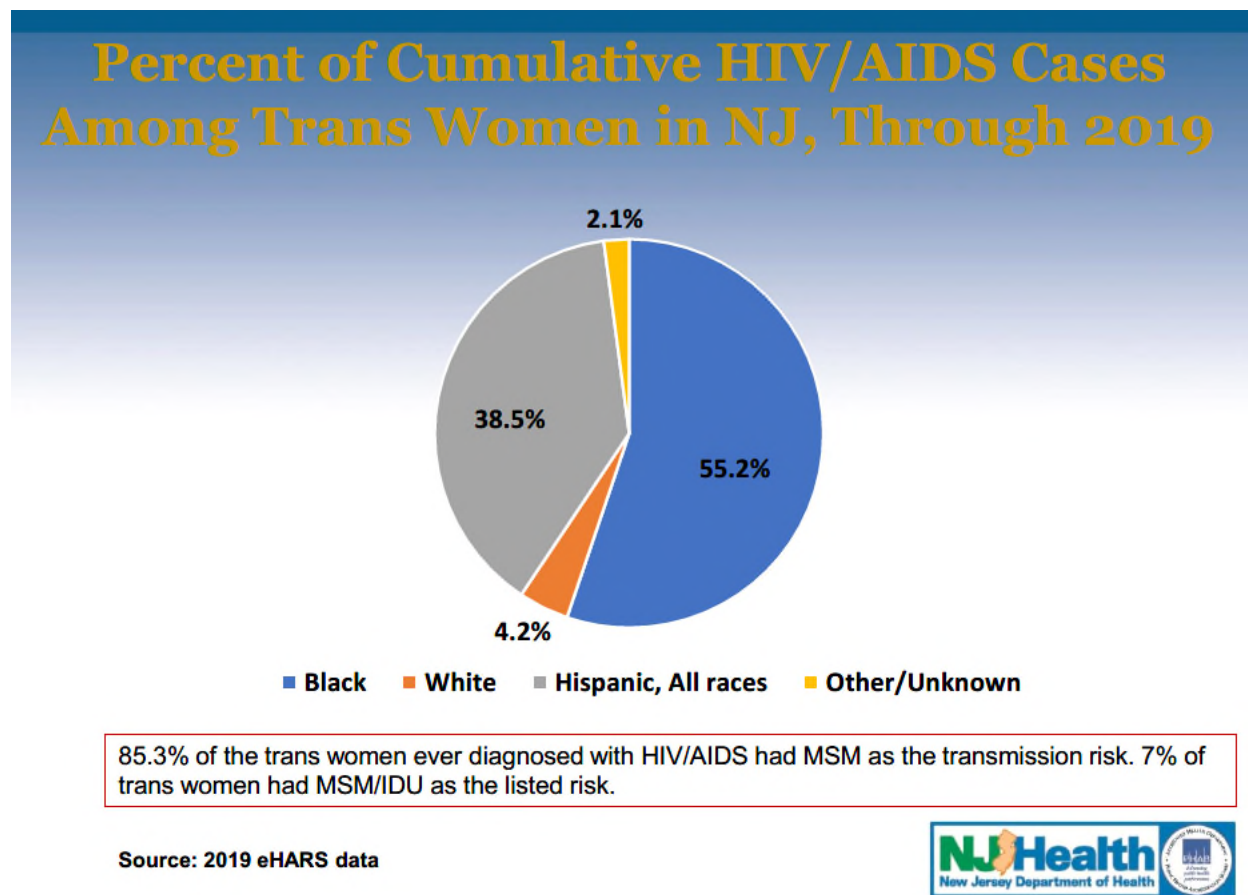
Table 10: Cases among Transgender Persons --New Jersey, December 31, 2018

Cumulative Cases (N=123)			Prevalent Cases (N=98)		
<u>Gender</u>	<u>N</u>	<u>%</u>	<u>Gender</u>	<u>N</u>	<u>%</u>
M to Female	122	99%	M to Female	96	98%
F to Male	1	1%	F to Male	2	2%
<u>Race/Ethnicity</u>	<u>N</u>	<u>%</u>	<u>Race/Ethnicity</u>	<u>N</u>	<u>%</u>
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%
<u>Age at Diagnosis</u>	<u>N</u>	<u>%</u>	<u>Age at Diagnosis</u>	<u>N</u>	<u>%</u>
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%
<u>Transmission</u>	<u>N</u>	<u>%</u>	<u>Transmission</u>	<u>N</u>	<u>%</u>
Sex	108	88%	Sex	88	90%
IDU-Related	12	10%	IDU-Related	8	8%
Unknown	3	2%	Unknown	2	2%

Impact of HIV on Transgender Persons – Trans Women in the Newark EMA

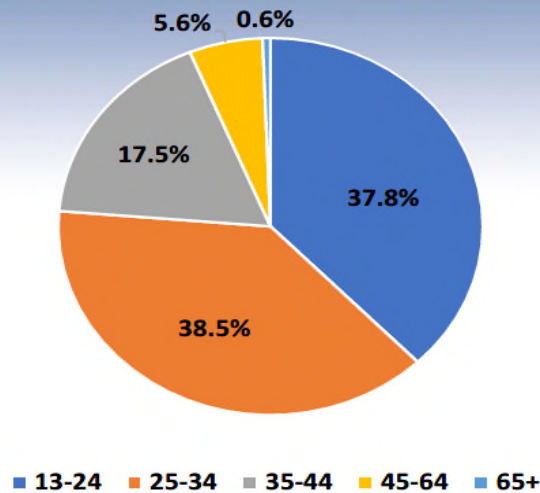
The following figures are taken from the “New Jersey HIV Epidemiological Profile – Priorities for Needs Assessment” with data for 2019 (presented to the NJHPG in February 2021⁴) and show the prevalence of HIV+ Trans Women in the Newark EMA – particularly Essex and Union counties.

Nearly half - 45% - of the state’s HIV+ transgender population (trans women) reside in the Newark EMA – 35.3% in Essex county and 9.4% in Union County.



⁴ -<https://www.njhpg.org/resources/njhpg-presentations>

Percent of HIV/AIDS Diagnoses Among Trans Women by Age Group in NJ, Through 2019

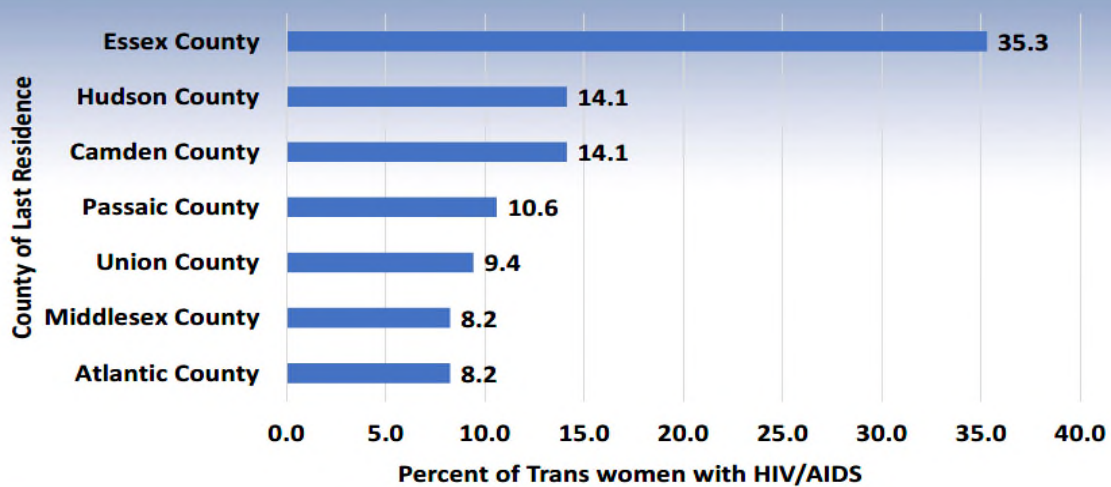


Almost 3 in 4 Trans women were under 35 years when they were diagnosed with HIV/AIDS.

Source: 2019 eHARS data



Percent of Trans Women with HIV/AIDS by County of Last Residence in NJ, Through 2019



Essex County was the county of residence for most trans women living with HIV/AIDS.

Source: 2019 eHARS data



DATA TABLES 2022

The tables below show the actual data and percentages for the EMA and five counties and Morris, Sussex, Warren Region. Data are provided by the NJDOH Division of HIV, STD and TB Services for Persons Living with HIV as of December 31, 2022.

NEWARK EMA	Number			Percent		
	Male	Female	Total	Male	Female	Total
<i>Disease Category</i>				64.6%	35.4%	100.0%
HIV	4,476	2,493	6,969	51.2%	52.1%	51.5%
AIDS	4,263	2,295	6,558	48.8%	47.9%	48.5%
Total	8,739	4,788	13,527	100.0%	100.0%	100.0%
<i>Current Age</i>						
< 13	4	13	17	0.0%	0.3%	0.1%
13 - 24	190	51	241	2.2%	1.1%	1.8%
25 - 34	1,121	349	1,470	12.8%	7.3%	10.9%
35 - 44	1,438	623	2,061	16.5%	13.0%	15.2%
45 - 54	1,652	1,145	2,797	18.9%	23.9%	20.7%
55+	4,334	2,607	6,941	49.6%	54.4%	51.3%
Total	8,739	4,788	13,527	100.0%	100.0%	100.0%
<i>Age 45+</i>	5,986	3,752	9,738	68.5%	78.4%	72.0%
<i>Race/Ethnicity</i>						
Hispanic	2,479	920	3,399	28.4%	19.2%	25.1%
Black, Not Hispanic	4,928	3,497	8,425	56.4%	73.0%	62.3%
White, Not Hispanic	1,217	332	1,549	13.9%	6.9%	11.5%
Other/Unknown	115	39	154	1.3%	0.8%	1.1%
Total	8,739	4,788	13,527	100.0%	100.0%	100.0%
<i>R/E Minority</i>	7,407	4,417	11,824	84.8%	92.3%	87.4%
<i>Transmission Category</i>						
MSM	3,741	0	3,741	42.8%	0.0%	27.7%
IDU	1,109	749	1,858	12.7%	15.6%	13.7%
MSM/IDU	243	0	243	2.8%	0.0%	1.8%
Heterosexual	2,379	3,369	5,748	27.2%	70.4%	42.5%
Not Reported/Other	1,267	670	1,937	14.5%	14.0%	14.3%
Total	8,739	4,788	13,527	100.0%	100.0%	100.0%

ESSEX COUNTY	Number			Percent		
	Male	Female	Total	Male	Female	Total
Disease Category				62.3%	37.7%	100.0%
HIV	2,978	1,857	4,835	51.8%	53.4%	52.4%
AIDS	2,766	1,622	4,388	48.2%	46.6%	47.6%
Total	5,744	3,479	9,223	100.0%	100.0%	100.0%
Current Age						
< 13	2	10	12	0.0%	0.3%	0.1%
13 - 24	126	39	165	2.2%	1.1%	1.8%
25 - 34	756	260	1,016	13.2%	7.5%	11.0%
35 - 44	911	460	1,371	15.9%	13.2%	14.9%
45 - 54	1,079	847	1,926	18.8%	24.3%	20.9%
55+	2,870	1,863	4,733	50.0%	53.5%	51.3%
Total	5,744	3,479	9,223	100.0%	100.0%	100.0%
Age 45+	3,949	2,710	6,659	68.8%	77.9%	72.2%
Race/Ethnicity						
Hispanic	1,326	574	1,900	23.1%	16.5%	20.6%
Black, Not Hispanic	3,869	2,758	6,627	67.4%	79.3%	71.9%
White, Not Hispanic	495	120	615	8.6%	3.4%	6.7%
Other/Unknown	54	27	81	0.9%	0.8%	0.9%
Total	5,744	3,479	9,223	100.0%	100.0%	100.0%
R/E Minority	5,195	3,332	8,527	90.4%	95.8%	92.5%
Transmission Category						
MSM	2,285	0	2,285	39.8%	0.0%	24.8%
IDU	806	578	1,384	14.0%	16.6%	15.0%
MSM/IDU	171	0	171	3.0%	0.0%	1.9%
Heterosexual	1,629	2,421	4,050	28.4%	69.6%	43.9%
Not Reported/Other	853	480	1,333	14.9%	13.8%	14.5%
Total	5,744	3,479	9,223	100.0%	100.0%	100.0%

UNION COUNTY	Number			Percent		
	Male	Female	Total	Male	Female	Total
<i>Disease Category</i>				68.3%	31.7%	100.0%
HIV	1,059	462	1,521	51.1%	48.1%	50.2%
AIDS	1,012	498	1,510	48.9%	51.9%	49.8%
Total	2,071	960	3,031	100.0%	100.0%	100.0%
<i>Current Age</i>						
< 13	2	2	4	0.1%	0.2%	0.1%
13 - 24	46	11	57	2.2%	1.1%	1.9%
25 - 34	281	63	344	13.6%	6.6%	11.3%
35 - 44	379	123	502	18.3%	12.8%	16.6%
45 - 54	400	214	614	19.3%	22.3%	20.3%
55+	963	547	1,510	46.5%	57.0%	49.8%
Total	2,071	960	3,031	100.0%	100.0%	100.0%
Age 45+	1,363	761	2,124	65.8%	79.3%	70.1%
<i>Race/Ethnicity</i>						
Hispanic	858	254	1,112	41.4%	26.5%	36.7%
Black, Not Hispanic	899	634	1,533	43.4%	66.0%	50.6%
White, Not Hispanic	282	66	348	13.6%	6.9%	11.5%
Other/Unknown	32	6	38	1.5%	0.6%	1.3%
Total	2,071	960	3,031	100.0%	100.0%	100.0%
R/E Minority	1,757	888	2,645	84.8%	92.5%	87.3%
<i>Transmission Category</i>						
MSM	970	0	970	46.8%	0.0%	32.0%
IDU	224	111	335	10.8%	11.6%	11.1%
MSM/IDU	49	0	49	2.4%	0.0%	1.6%
Heterosexual	568	713	1,281	27.4%	74.3%	42.3%
Not Reported/Other	260	136	396	12.6%	14.2%	13.1%
Total	2,071	960	3,031	100.0%	100.0%	100.0%

MORRIS, SUSSEX, WARREN COS.	Number			Percent		
	Male	Female	Total	Male	Female	Total
<i>Disease Category</i>				72.6%	27.4%	100.0%
HIV	439	174	613	47.5%	49.9%	48.2%
AIDS	485	175	660	52.5%	50.1%	51.8%
Total	924	349	1,273	100.0%	100.0%	100.0%
<i>Current Age</i>						
< 13	0	1	1	0.0%	0.3%	0.1%
13 - 24	18	1	19	1.9%	0.3%	1.5%
25 - 34	84	26	110	9.1%	7.4%	8.6%
35 - 44	148	40	188	16.0%	11.5%	14.8%
45 - 54	173	84	257	18.7%	24.1%	20.2%
55+	501	197	698	54.2%	56.4%	54.8%
Total	924	349	1,273	100.0%	100.0%	100.0%
<i>Age 45+</i>	674	281	955	72.9%	80.5%	75.0%
<i>Race/Ethnicity</i>						
Hispanic	295	92	387	31.9%	26.4%	30.4%
Black, Not Hispanic	160	105	265	17.3%	30.1%	20.8%
White, Not Hispanic	440	146	586	47.6%	41.8%	46.0%
Other/Unknown	29	6	35	3.1%	1.7%	2.7%
Total	924	349	1,273	100.0%	100.0%	100.0%
<i>R/E Minority</i>	455	197	652	49.2%	56.4%	51.2%
<i>Transmission Category</i>						
MSM	486	0	486	52.6%	0.0%	38.2%
IDU	79	60	139	8.5%	17.2%	10.9%
MSM/IDU	23	0	23	2.5%	0.0%	1.8%
Heterosexual	182	235	417	19.7%	67.3%	32.8%
Not Reported/Other	154	54	208	16.7%	15.5%	16.3%
Total	924	349	1,273	100.0%	100.0%	100.0%

MORRIS COUNTY	Number			Percent		
	Male	Female	Total	Male	Female	Total
Disease Category				74.1%	25.9%	100.0%
HIV	305	116	421	47.7%	51.8%	48.7%
AIDS	335	108	443	52.3%	48.2%	51.3%
Total	640	224	864	100.0%	100.0%	100.0%
Current Age						
< 13	0	1	1	0.0%	0.4%	0.1%
13 - 24	11	1	12	1.7%	0.4%	1.4%
25 - 34	56	15	71	8.8%	6.7%	8.2%
35 - 44	106	25	131	16.6%	11.2%	15.2%
45 - 54	118	39	157	18.4%	17.4%	18.2%
55+	349	143	492	54.5%	63.8%	56.9%
Total	640	224	864	100.0%	100.0%	100.0%
Age 45+	467	182	649	73.0%	81.3%	75.1%
Race/Ethnicity						
Hispanic	227	67	294	35.5%	29.9%	34.0%
Black, Not Hispanic	111	61	172	17.3%	27.2%	19.9%
White, Not Hispanic	280	91	371	43.8%	40.6%	42.9%
Other/Unknown	22	5	27	3.4%	2.2%	3.1%
Total	640	224	864	100.0%	100.0%	100.0%
R/E Minority	338	128	466	52.8%	57.1%	53.9%
Transmission Category						
MSM	344	0	344	53.8%	0.0%	39.8%
IDU	56	37	93	8.8%	16.5%	10.8%
MSM/IDU	16	0	16	2.5%	0.0%	1.9%
Heterosexual	120	151	271	18.8%	67.4%	31.4%
Not Reported/Other	104	36	140	16.3%	16.1%	16.2%
Total	640	224	864	100.0%	100.0%	100.0%

SUSSEX COUNTY	Number			Percent		
	Male	Female	Total	Male	Female	Total
Disease Category				70.6%	29.4%	100.0%
HIV	64	27	91	45.1%	45.8%	45.3%
AIDS	78	32	110	54.9%	54.2%	54.7%
Total	142	59	201	100.0%	100.0%	100.0%
Current Age						
< 13	0	0	0	0.0%	0.0%	0.0%
13 - 24	3	0	3	2.1%	0.0%	1.5%
25 - 34	15	5	20	10.6%	8.5%	10.0%
35 - 44	19	8	27	13.4%	13.6%	13.4%
45 - 54	31	20	51	21.8%	33.9%	25.4%
55+	74	26	100	52.1%	44.1%	49.8%
Total	142	59	201	100.0%	100.0%	100.0%
Age 45+	105	46	151	73.9%	78.0%	75.1%
Race/Ethnicity						
Hispanic	34	8	42	23.9%	13.6%	20.9%
Black, Not Hispanic	26	13	39	18.3%	22.0%	19.4%
White, Not Hispanic	81	38	119	57.0%	64.4%	59.2%
Other/Unknown	1	0	1	0.7%	0.0%	0.5%
Total	142	59	201	100.0%	100.0%	100.0%
R/E Minority	60	21	81	42.3%	35.6%	40.3%
Transmission Category						
MSM	75	0	75	52.8%	0.0%	37.3%
IDU	13	11	24	9.2%	18.6%	11.9%
MSM/IDU	3	0	3	2.1%	0.0%	1.5%
Heterosexual	24	40	64	16.9%	67.8%	31.8%
Not Reported/Other	27	8	35	19.0%	13.6%	17.4%
Total	142	59	201	100.0%	100.0%	100.0%

WARREN COUNTY	Number			Percent		
	Male	Female	Total	Male	Female	Total
Disease Category				68.3%	31.7%	100.0%
HIV	70	31	101	49.3%	47.0%	48.6%
AIDS	72	35	107	50.7%	53.0%	51.4%
Total	142	66	208	100.0%	100.0%	100.0%
Current Age						
< 13	0	0	0	0.0%	0.0%	0.0%
13 - 24	4	0	4	2.8%	0.0%	1.9%
25 - 34	13	6	19	9.2%	9.1%	9.1%
35 - 44	23	7	30	16.2%	10.6%	14.4%
45 - 54	24	25	49	16.9%	37.9%	23.6%
55+	78	28	106	54.9%	42.4%	51.0%
Total	142	66	208	100.0%	100.0%	100.0%
Age 45+	102	53	155	71.8%	80.3%	74.5%
Race/Ethnicity						
Hispanic	34	17	51	23.9%	25.8%	24.5%
Black, Not Hispanic	23	31	54	16.2%	47.0%	26.0%
White, Not Hispanic	79	17	96	55.6%	25.8%	46.2%
Other/Unknown	6	1	7	4.2%	1.5%	3.4%
Total	142	66	208	100.0%	100.0%	100.0%
R/E Minority	57	48	105	40.1%	72.7%	50.5%
Transmission Category						
MSM	67	0	67	47.2%	0.0%	32.2%
IDU	10	12	22	7.0%	18.2%	10.6%
MSM/IDU	4	0	4	2.8%	0.0%	1.9%
Heterosexual	38	44	82	26.8%	66.7%	39.4%
Not Reported/Other	23	10	33	16.2%	15.2%	15.9%
Total	142	66	208	100.0%	100.0%	100.0%