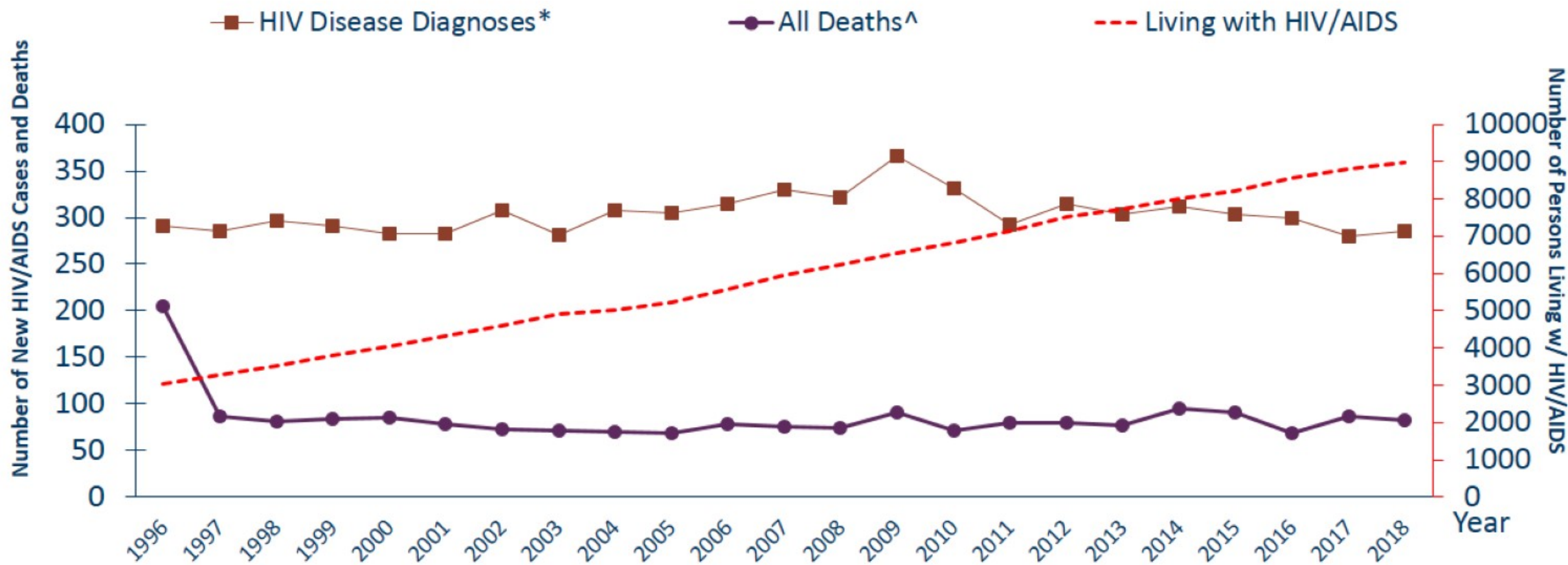




HIV Among Minnesotans Ages 50 and Older

Overview of HIV/AIDS in Minnesota

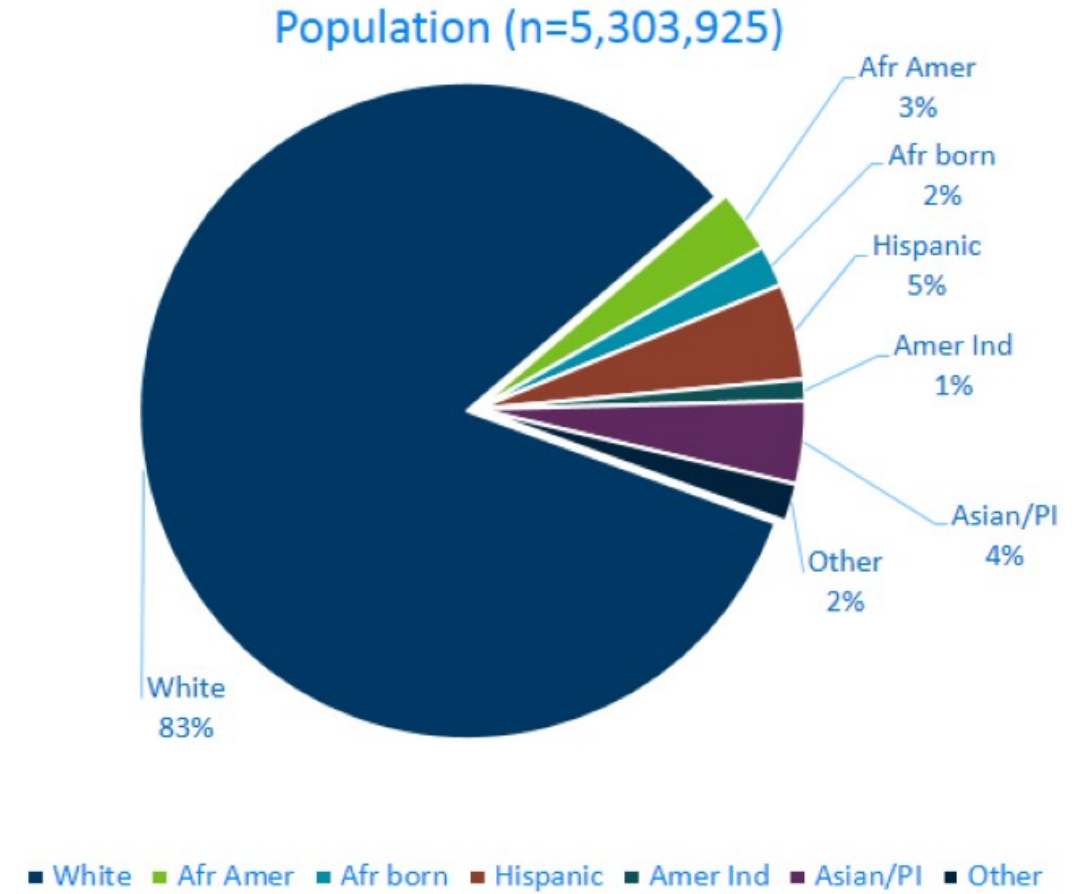
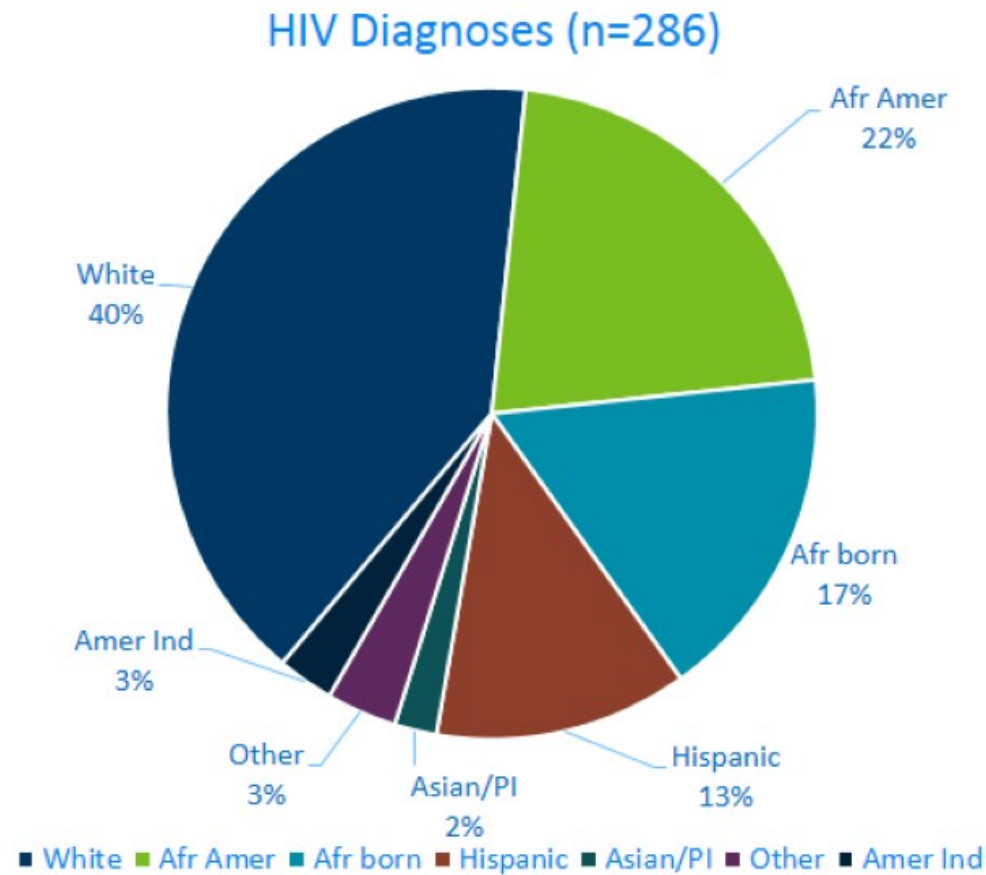
New HIV Diagnoses, Deaths and Prevalent Cases by Year, 1996-2018



*Includes all new cases of HIV infection (both HIV (non-AIDS) and AIDS at first diagnosis) diagnosed within a given calendar year.

^Deaths in Minnesota among people with HIV/AIDS, regardless of location of diagnosis and cause.

HIV Diagnoses* in Year 2018 and General Population in Minnesota by Race/Ethnicity

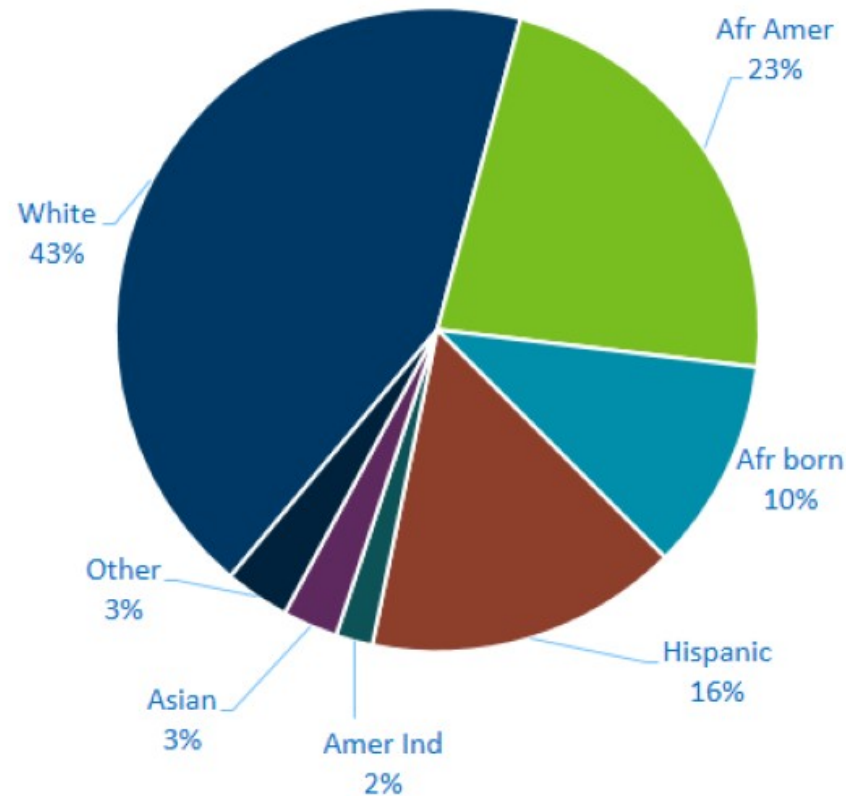


* HIV or AIDS at first diagnosis † Population estimates based on 2010 U.S. Census data. (n = Number of persons)

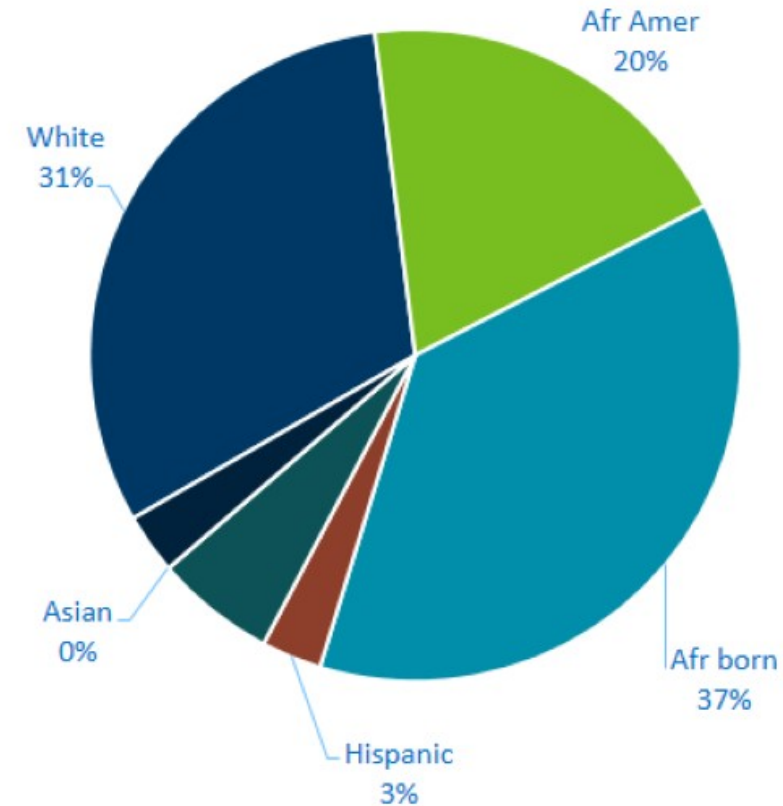
Amer Ind = American Indian , Afr Amer = African American (Black, not African-born persons) , and Afr born = African-born (Black, African-born persons)

HIV Diagnoses* Diagnosed in Year 2018 by Sex Assigned at Birth and Race/Ethnicity

Assigned Male at Birth (n=216)



Assigned Female at Birth (n=67)



* HIV or AIDS at first diagnosis (n = Number of persons)

Amer Ind = American Indian , Afr Amer = African American (Black, not African-born persons) , and Afr born = African-born (Black, African-born persons)

Number of Cases and Rates (per 100,000 persons) of HIV Diagnoses* by Race/Ethnicity[†] Minnesota, 2018

Race/Ethnicity	Cases	%	Rate
White, non-Hispanic	116	40%	2.5
Black, African-American	62	22%	36.6
Black, African-born	48	17%	45.8 ^{††}
Hispanic	36	13%	14.4
American Indian	8	3%	13.1
Asian/Pacific Islander	6	2%	2.8
Other [^]	10	3%	#
Total	286	100%	5.4

* HIV or AIDS at first diagnosis; 2010 U.S. Census Data used for rate calculations.

[†] “African-born” refers to Blacks who reported an African country of birth; “African American” refers to all other Blacks.

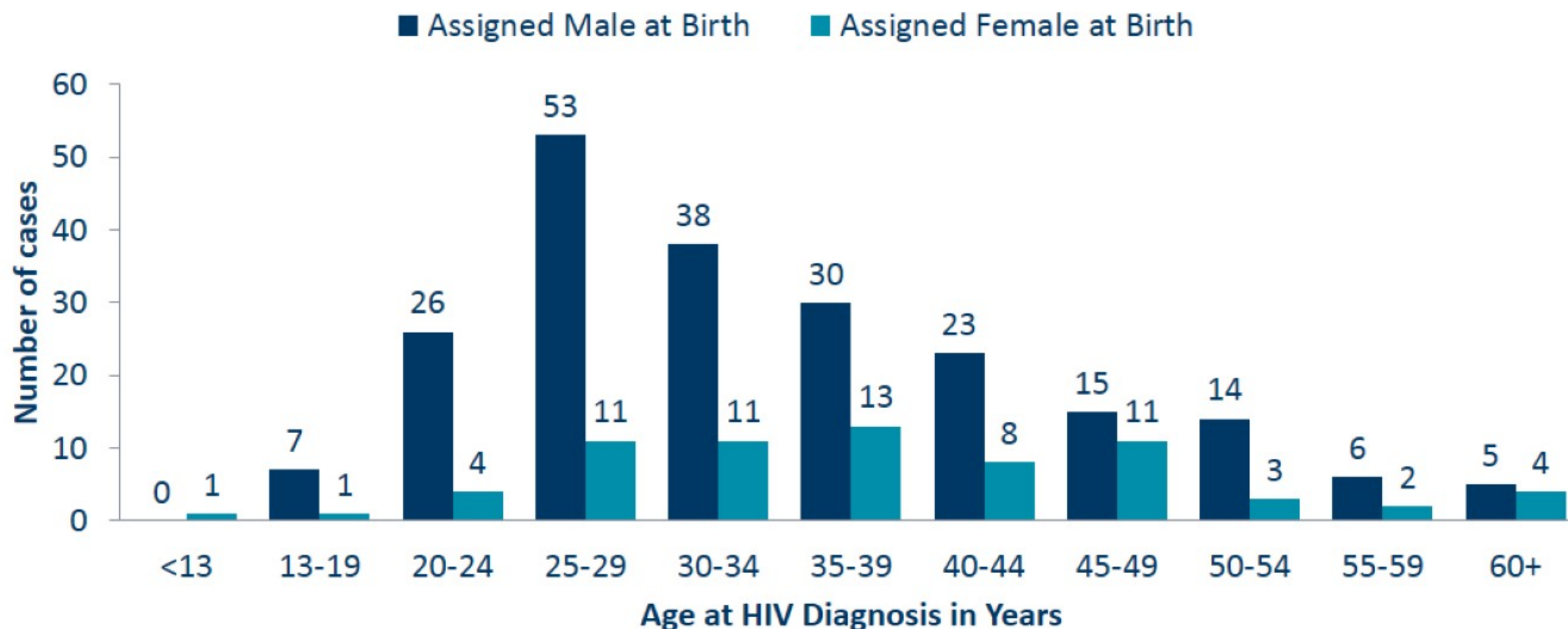
^{††} Estimate of 107,880 Source: 2010-2012 American Community Survey. Additional calculations by the State Demographic Center.

(Note: Rates for black, African-American and black, African-born are not comparable to previous years due to an increase in the estimate for black, African-born population.)

[^] Other = Multi-racial persons or persons with unknown or missing race

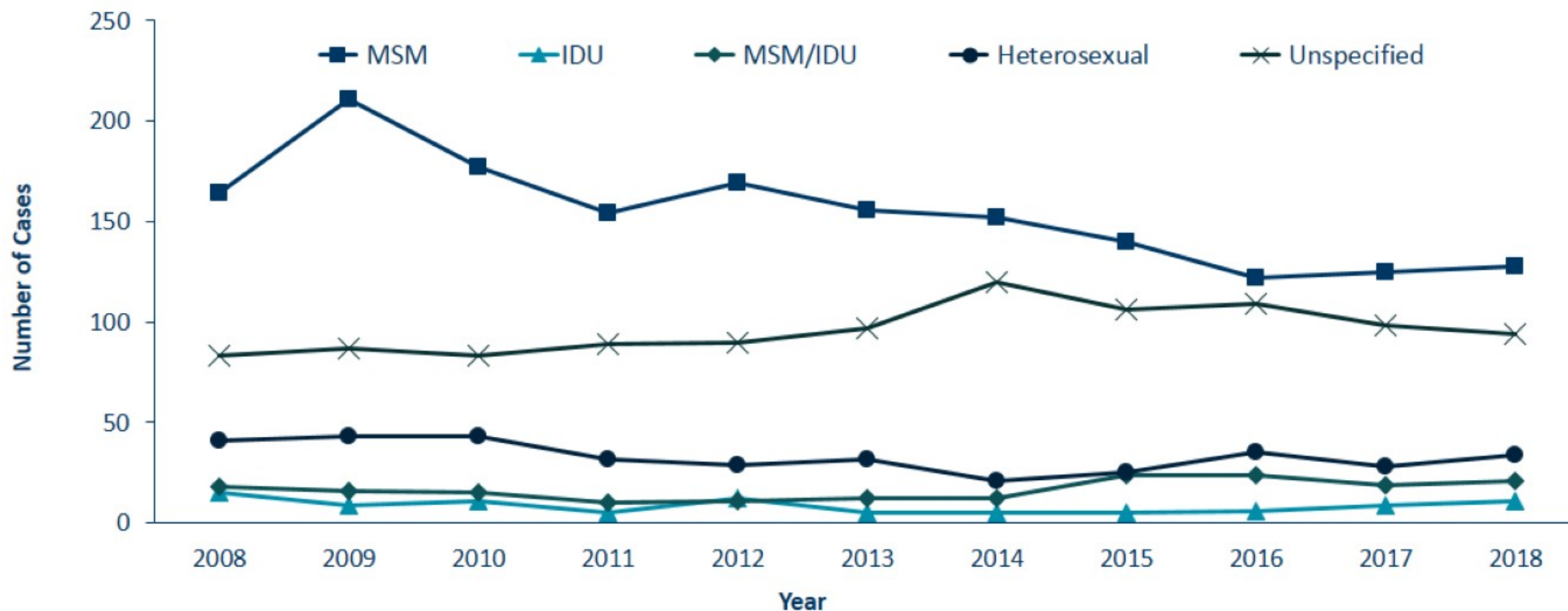
Unable to calculate rate, unknown denominator

Age at HIV Diagnosis* by Sex Assigned at Birth, Minnesota, 2018



*HIV or AIDS at first diagnosis

HIV Diagnoses* by Mode of Exposure and Year, 2008 - 2018



*HIV or AIDS at first diagnosis

MSM = Men who have sex with men

IDU = Injecting drug use

Heterosexual = Heterosexual contact

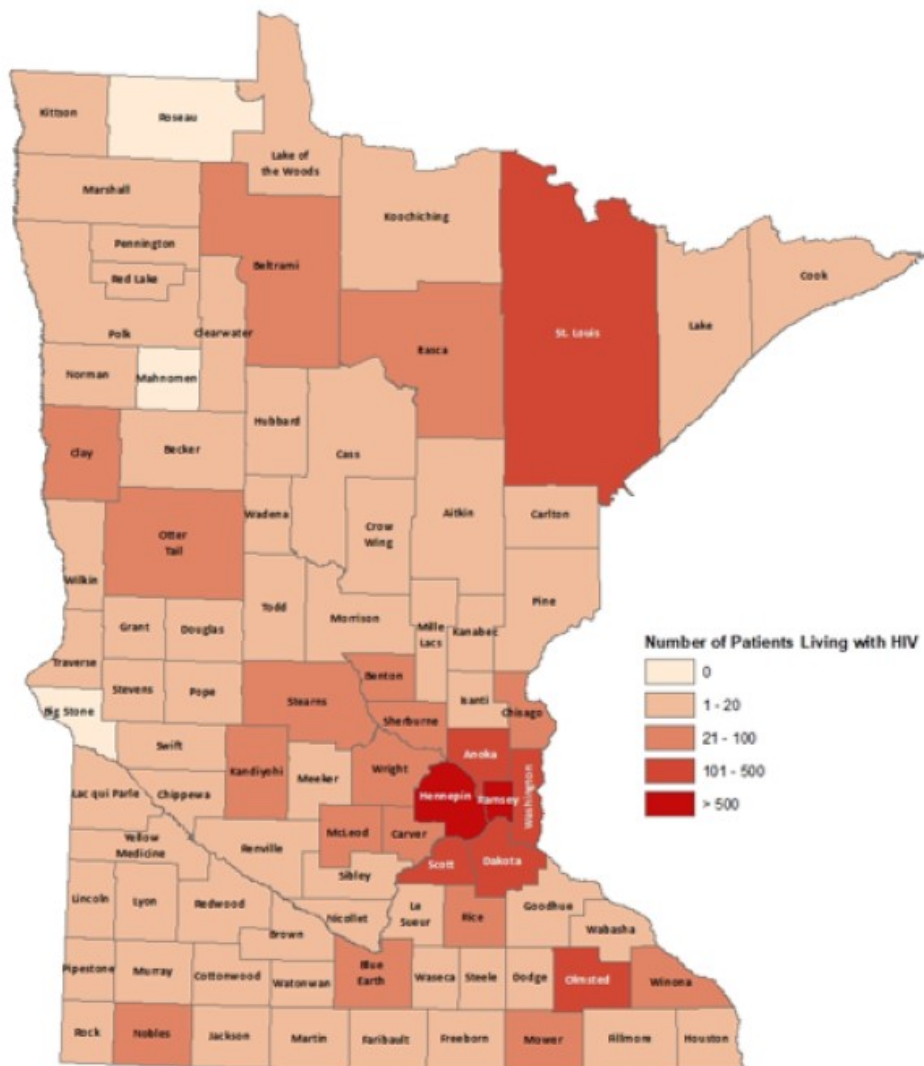
Unspecified = No mode of exposure ascertained

Estimated Number of Persons Living with HIV/AIDS in Minnesota

- As of December 31, 2018 **8,981*** persons are assumed alive and living in Minnesota with HIV/AIDS. This includes:
 - 4,937 (55%) living with HIV infection (non-AIDS)
 - 4,044 (45%) living with AIDS
- This number includes **2,331** persons who were first reported with HIV or AIDS elsewhere and subsequently moved to Minnesota
- This number excludes **1,560** persons who were first reported with HIV or AIDS in Minnesota and subsequently moved out of the state

*This number includes persons with Minnesota reported as their current state of residence, regardless of residence at time of diagnosis. It also includes state prisoners and refugees arriving through the HIV+ Refugee Resettlement Program, as well as HIV+ refugees/immigrants arriving through other programs.

Minnesota Patients Living with HIV[#] by County of Current Residence, 2018



City of Minneapolis

3,190 cases (833.8 per 100,000)

City of St. Paul

1,149 cases (403.1 per 100,000)

Suburban*

3,105 cases (142.3 per 100,000)

Greater Minnesota

1522 cases (62.0 per 100,000)

Total

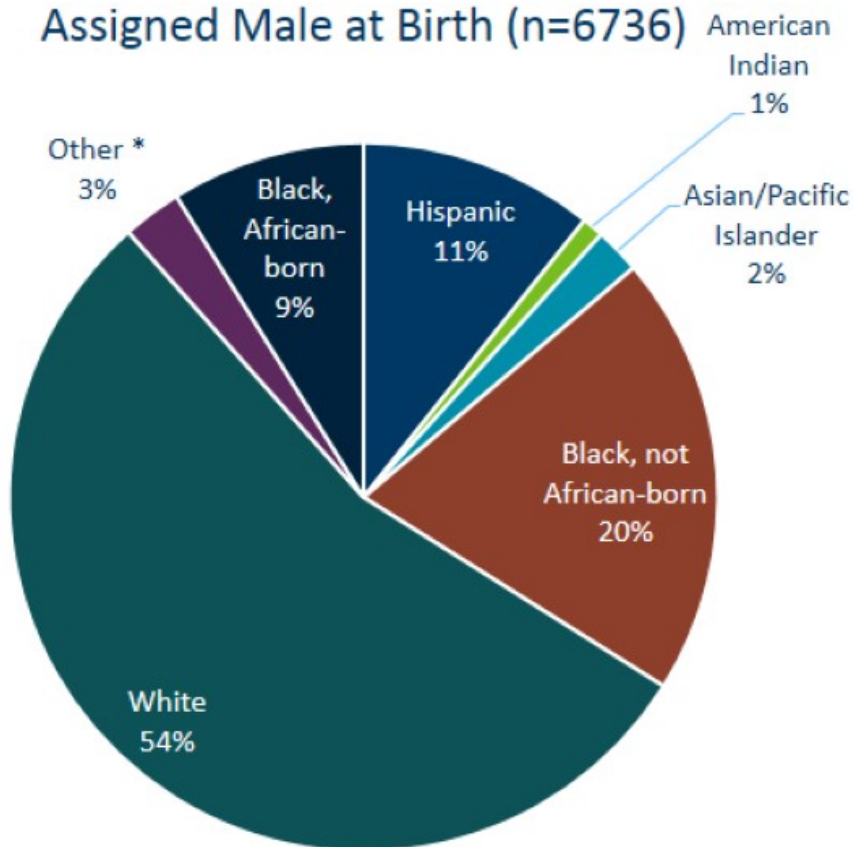
8,966 cases (169.0 per 100,000)

[#]HIV or AIDS at last appointment

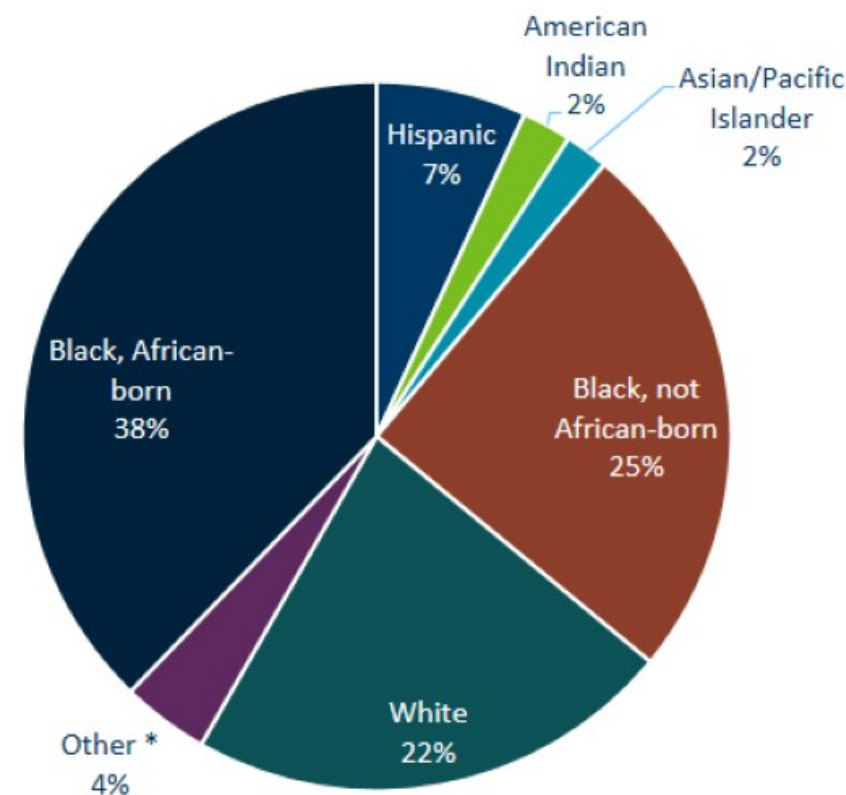
*7-county metro area, excluding the cities of Minneapolis and St. Paul

Persons Living with HIV/AIDS in Minnesota by Sex Assigned at Birth and Race/Ethnicity, 2018

Assigned Male at Birth (n=6736)



Assigned Female at Birth (n=2230)



*Other includes multi-racial persons and persons with unknown race. Race information missing for 15 PLWH.

Number of Cases and Rates (per 100,000 persons) of Persons Living with HIV/AIDS by Race/Ethnicity in Minnesota, 2018

Race/Ethnicity	Number of Cases	Percentage of Total	Rate per 100,000 [^]
White, non-Hispanic	4,117	46%	91.0
Black, non African-born	1,876	21%	1,106.2
Black, African-born*	1,468	16%	1,400.4 ⁺⁺
Hispanic	894	10%	357.2
American Indian	115	1%	188.8
Asian/Pacific Islander	188	2%	86.9
Other [†]	308	3%	X
Total	8,966	100%	169.0

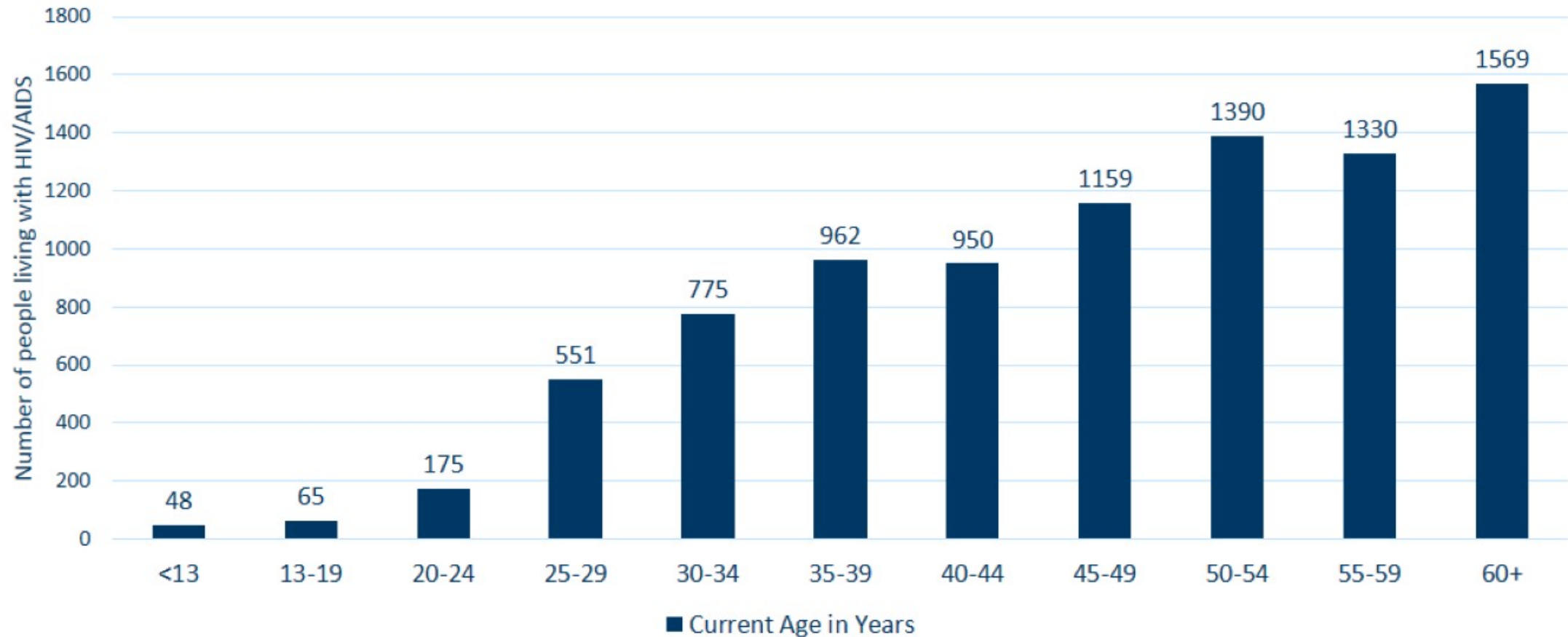
[^]2010 United States Census Data used for rate calculations, except where otherwise specified.

*African-born refers to Blacks who reported an African country of birth. Non African-born refers to all other Blacks. Rates for black, non African-born and black, African-born are not comparable to previous years due to a decrease in the estimate for black, African-born population.

[†] Other includes multi-racial persons and persons with unknown race

⁺⁺Estimate of 104,828 Source: 2014-2016 American Community Survey with additional calculations by the Minnesota State Demographic Center.

Persons Living with HIV/AIDS in Minnesota by Age Group*, 2018



*Age missing for 7 persons living with HIV/AIDS

HIV Among Minnesotans Ages 50 and Older

HIV Continuum of Care

- **People Living with Diagnosed HIV/AIDS (PLWH)**

Defined as people age 13 and older diagnosed with HIV infection (regardless of stage at diagnosis) **and reported** to the Minnesota Department of Health through year-end 2016, who were alive at year-end 2017

- **Linked to Care**

Calculated as the percentage of people age 13 and older linked to care within 30 days after initial HIV diagnosis during 2016. Note that linkage to care has a different denominator than all of the other bars, because it focuses on one year of new HIV diagnoses.

- **Retained in Care**

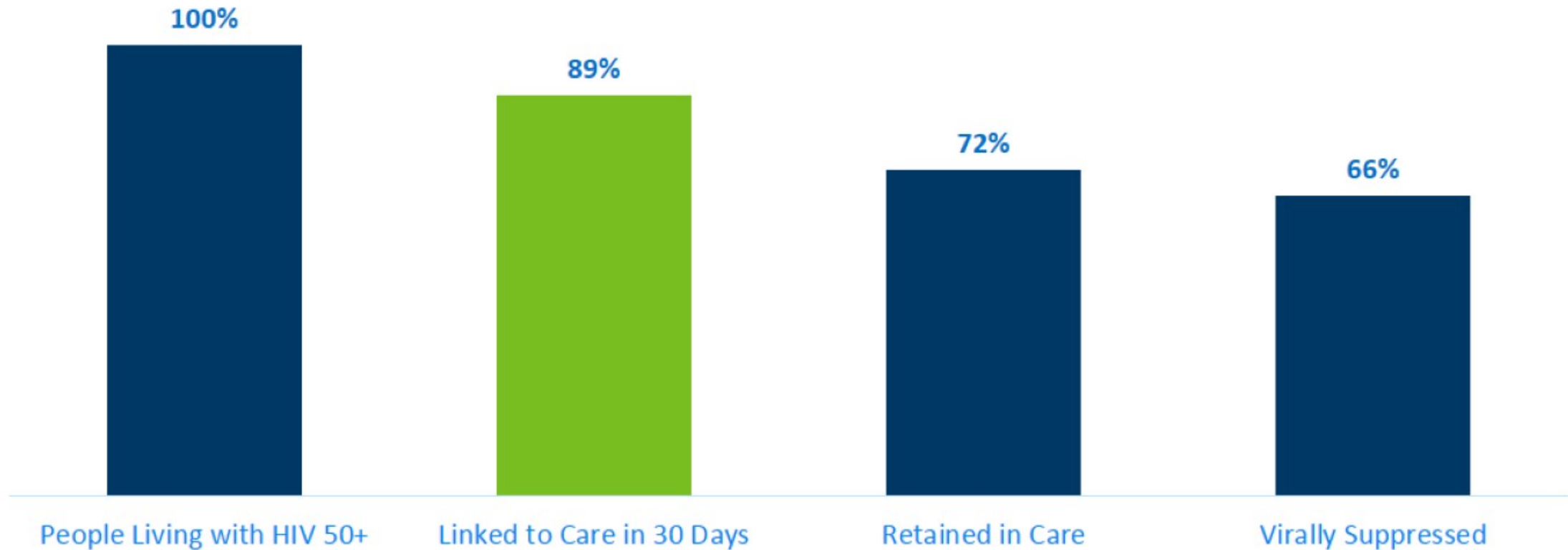
Calculated as the percentage of people age 13 and older who had ≥ 1 CD4 or viral load test results reported to MDH during 2017 among those diagnosed with HIV through year-end 2016 and alive at year-end 2017.

- **Virally Suppressed**

Calculated as the percentage of people age 13 and older who had a suppressed viral load (≤ 200 copies/mL) at most recent test during 2017, among those diagnosed with HIV through year-end 2016 and alive at year-end 2017.

HIV Continuum of Care, Minnesotans Age 50 and Older, 2017

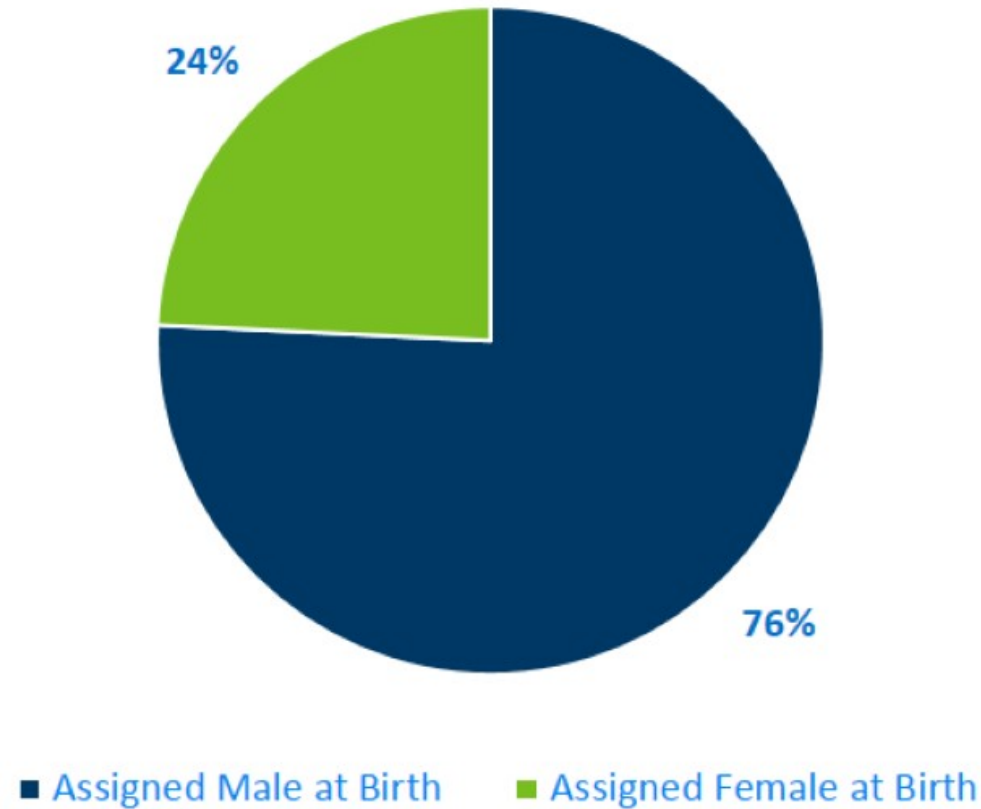
Percentages of People with HIV in Stages of the Care Continuum (n=3833)



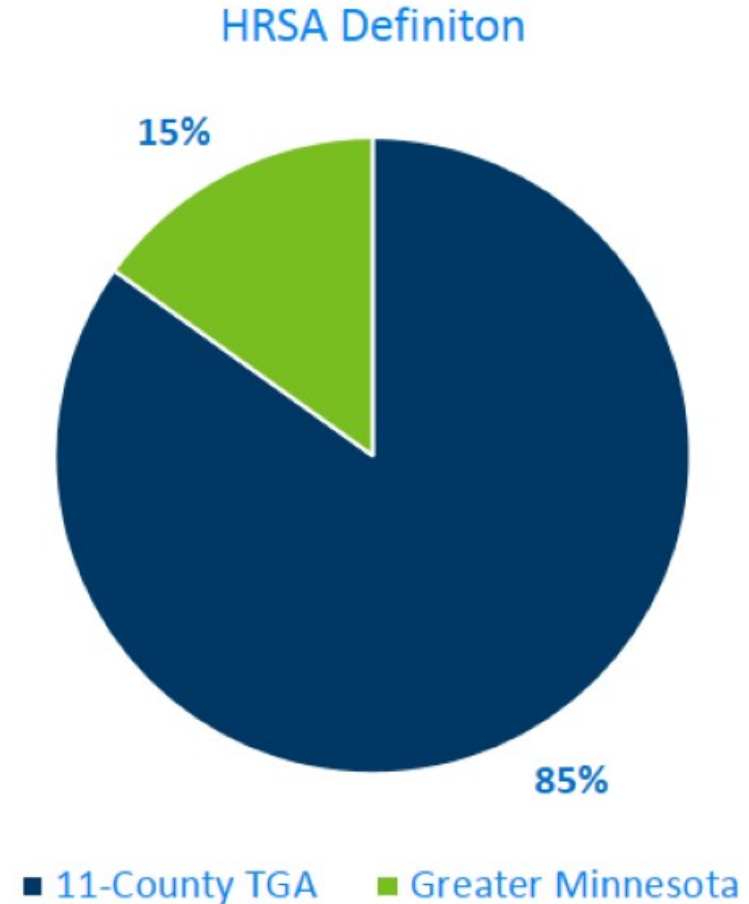
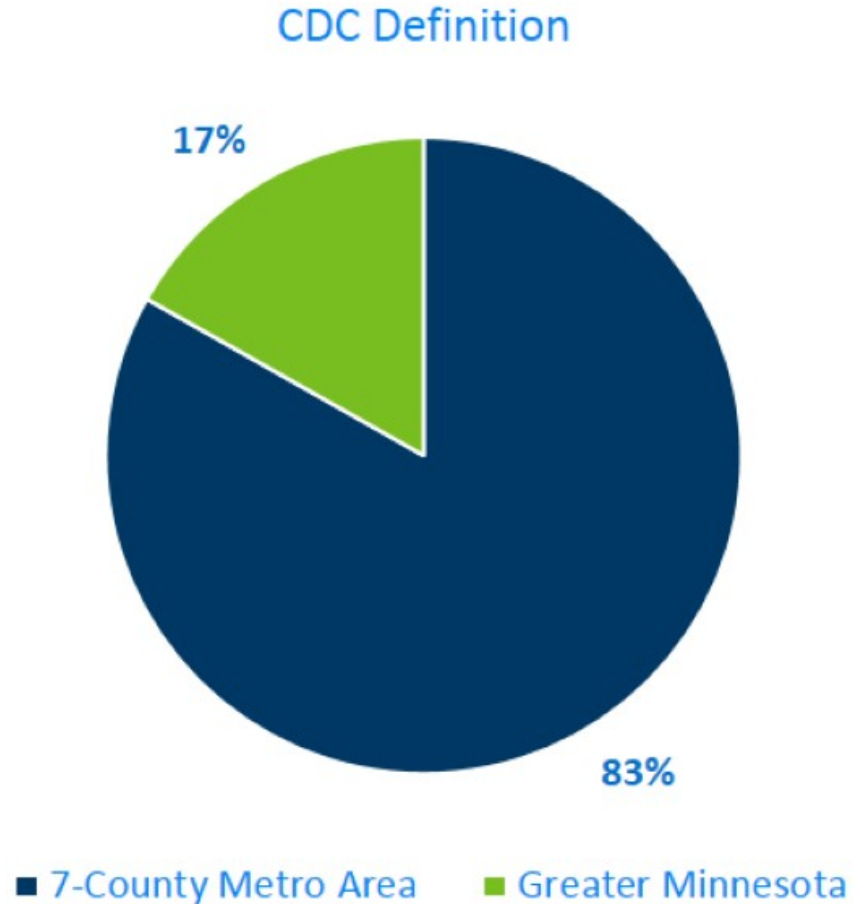
HIV Incidence (Newly Reported Infections) Among Minnesotans Ages* 50 and Older, 2009-2018 (n=470)

* Calculated as age at time of initial HIV diagnosis (both HIV-non AIDS and HIV/AIDS diagnoses)

HIV Incidence Among Minnesotans Ages 50 and Older by Sex Assigned at Birth, 2009-2018

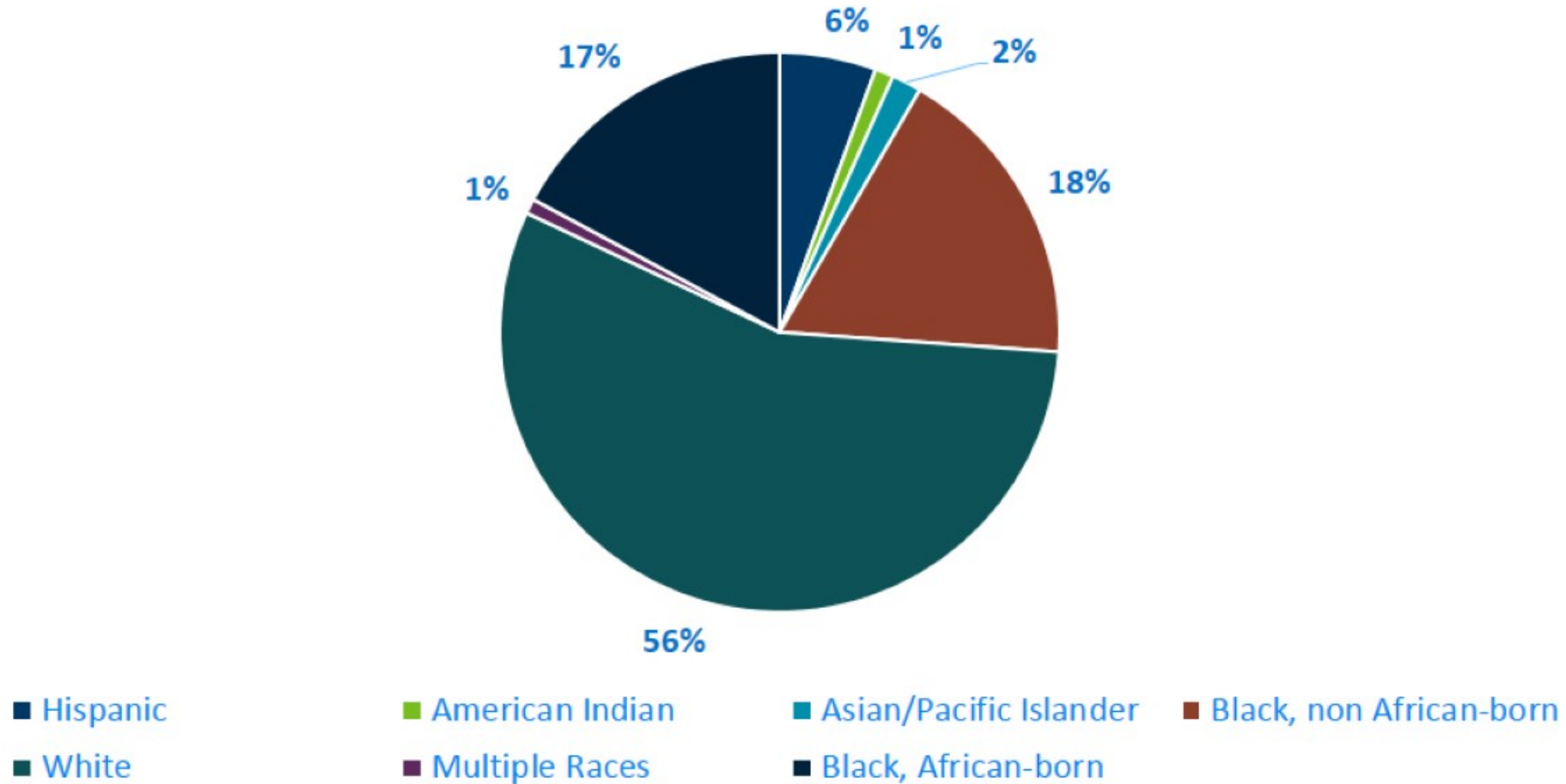


HIV Incidence Among Minnesotans Ages 50 and Older by Geography*, 2009-2018



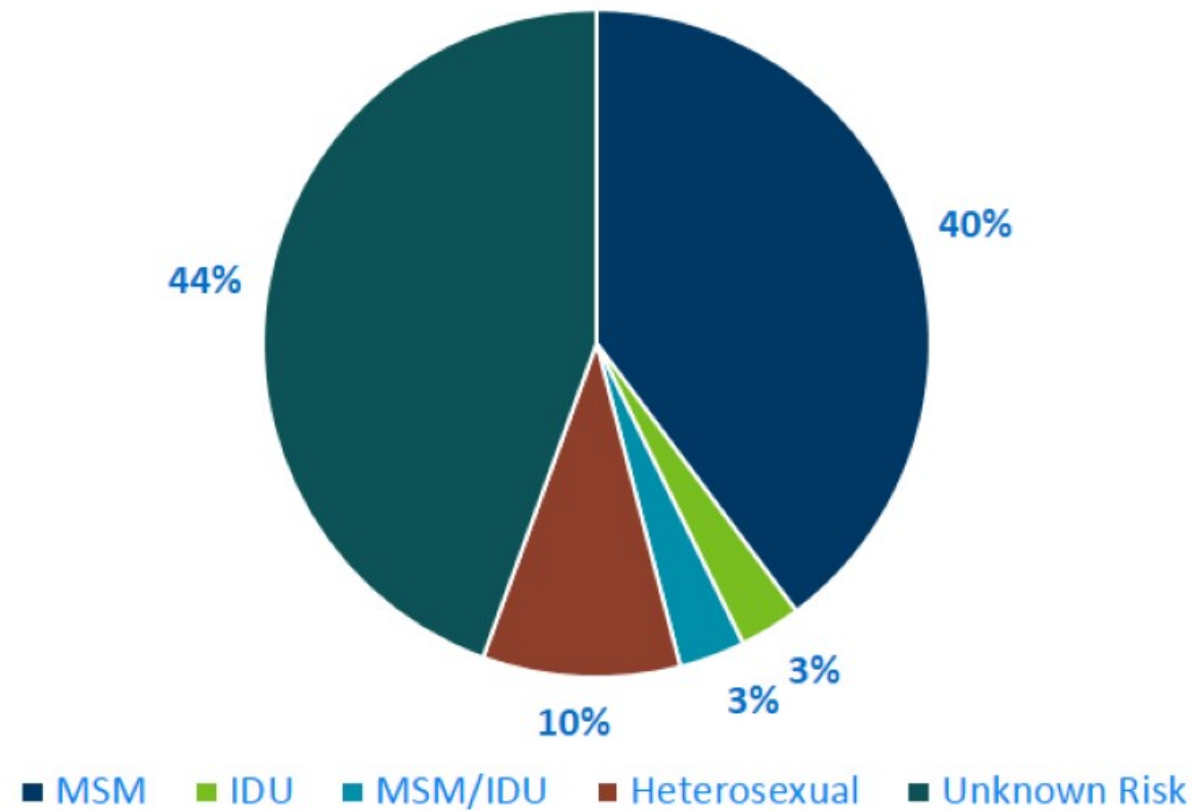
* Metro area includes counties of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington. Greater Minnesota includes all remaining 80 counties. TGA includes counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright. Greater Minnesota includes all remaining 76 counties.

HIV Incidence Among Minnesotans Ages 50 and Older by Race/Ethnicity*, 2009-2018

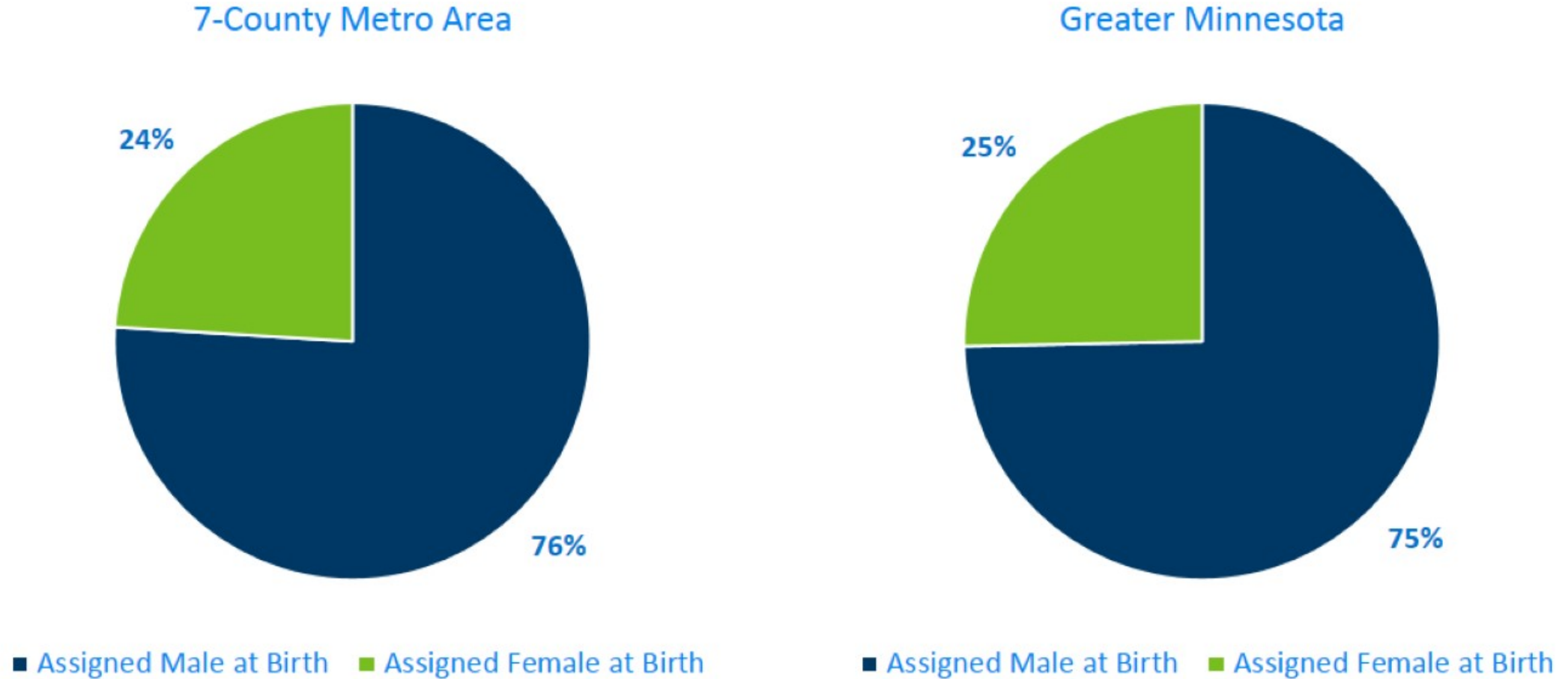


* Excludes 3 PLWH with missing race/ethnicity information.

HIV Incidence Among Minnesotans Ages 50 and Older by Transmission Risk, 2009-2018



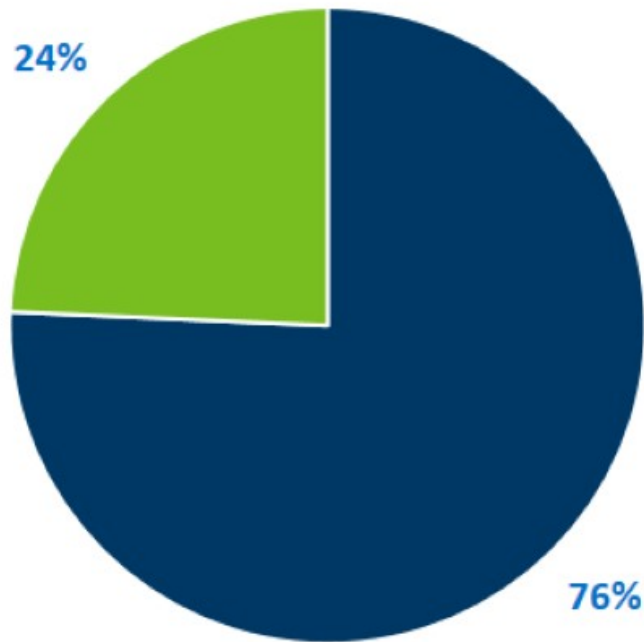
HIV Incidence Among Minnesotans Ages 50 and Older by Geography* and Sex Assigned at Birth, 2009-2018



* Metro area includes counties of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington. Greater Minnesota includes all remaining 80 counties.

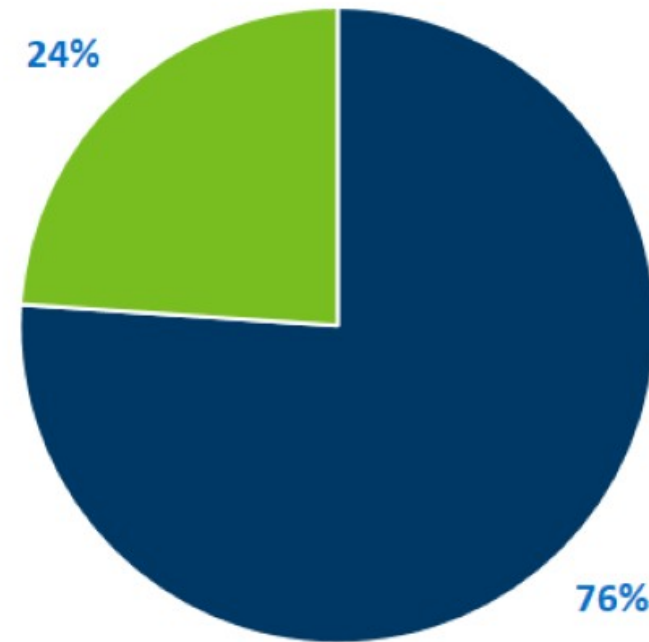
HIV Incidence Among Minnesotans Ages 50 and Older by Geography* and Sex Assigned at Birth, 2009-2018

11-county TGA



■ Assigned Male at Birth ■ Assigned Female at Birth

Greater Minnesota



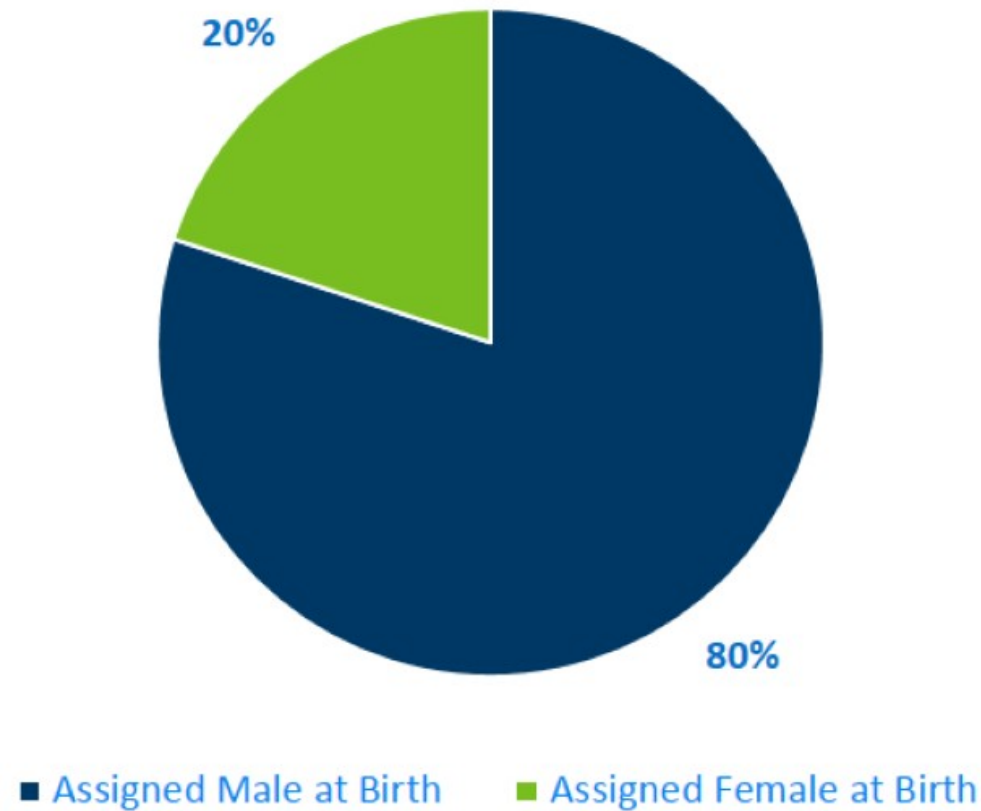
■ Assigned Male at Birth ■ Assigned Female at Birth

*TGA includes counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright. Greater Minnesota includes all remaining 76 counties.

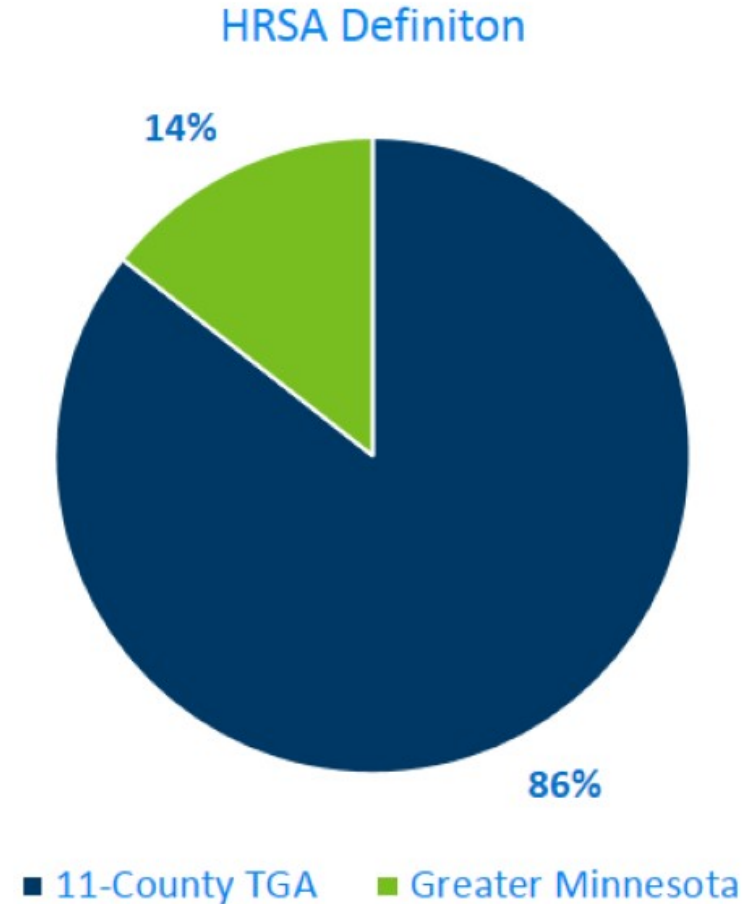
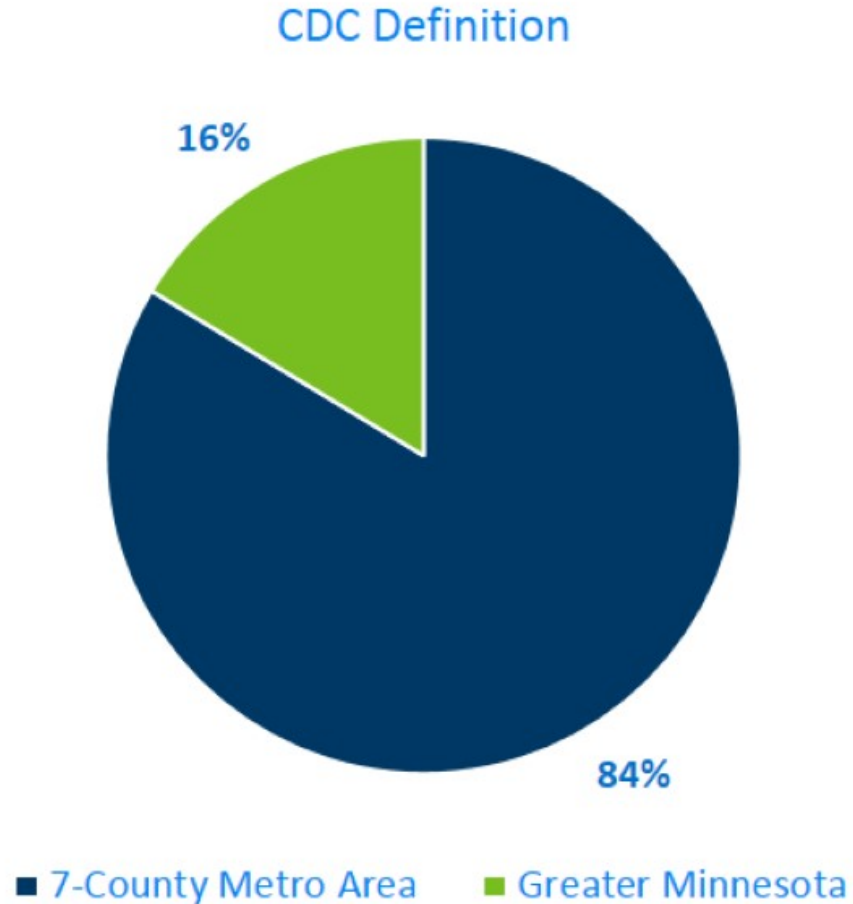
HIV Prevalence (Cumulative HIV Diagnoses) Among Minnesotans Ages* 50 and Older, 2018 (n=4289)

* Calculated as age at time of annual data freeze (March 2019)

HIV Prevalence Among Minnesotans Ages 50 and Older by Sex Assigned at Birth, 2018

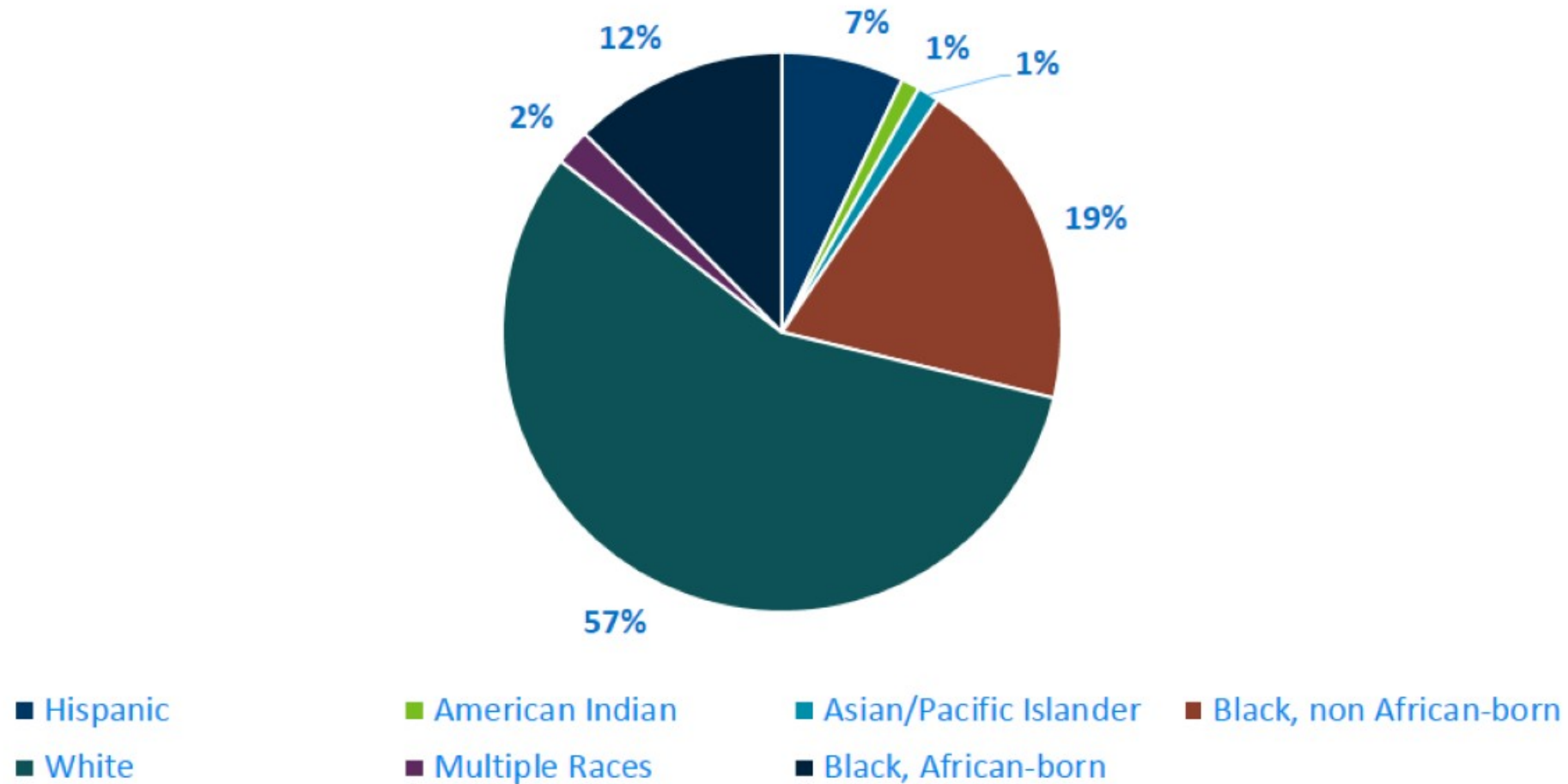


HIV Prevalence Among Minnesotans Ages 50 and Older by Geography*, 2009-2018



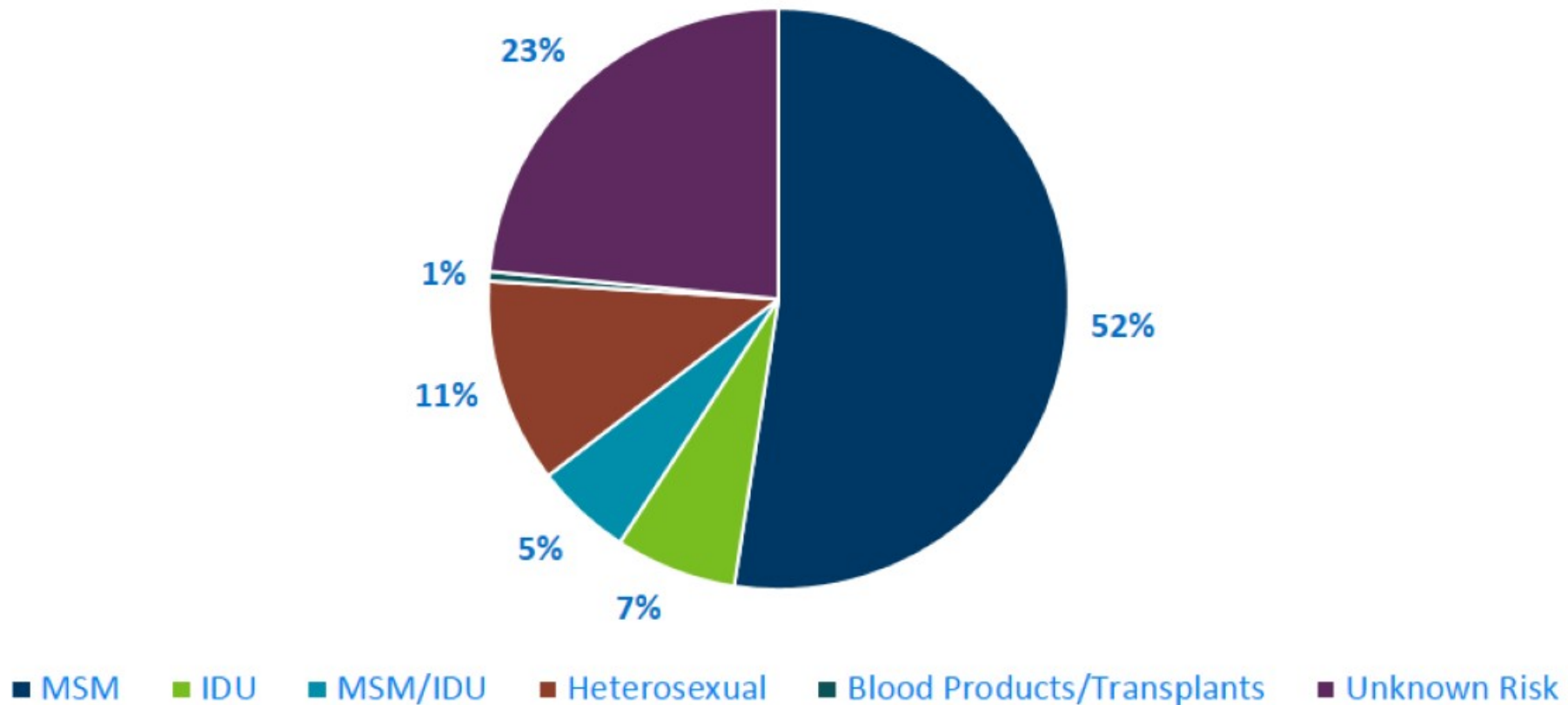
* Metro area includes counties of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington. Greater Minnesota includes all remaining 80 counties. TGA includes counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright. Greater Minnesota includes all remaining 76 counties.

HIV Prevalence Among Minnesotans Ages 50 and Older by Race/Ethnicity*, 2018

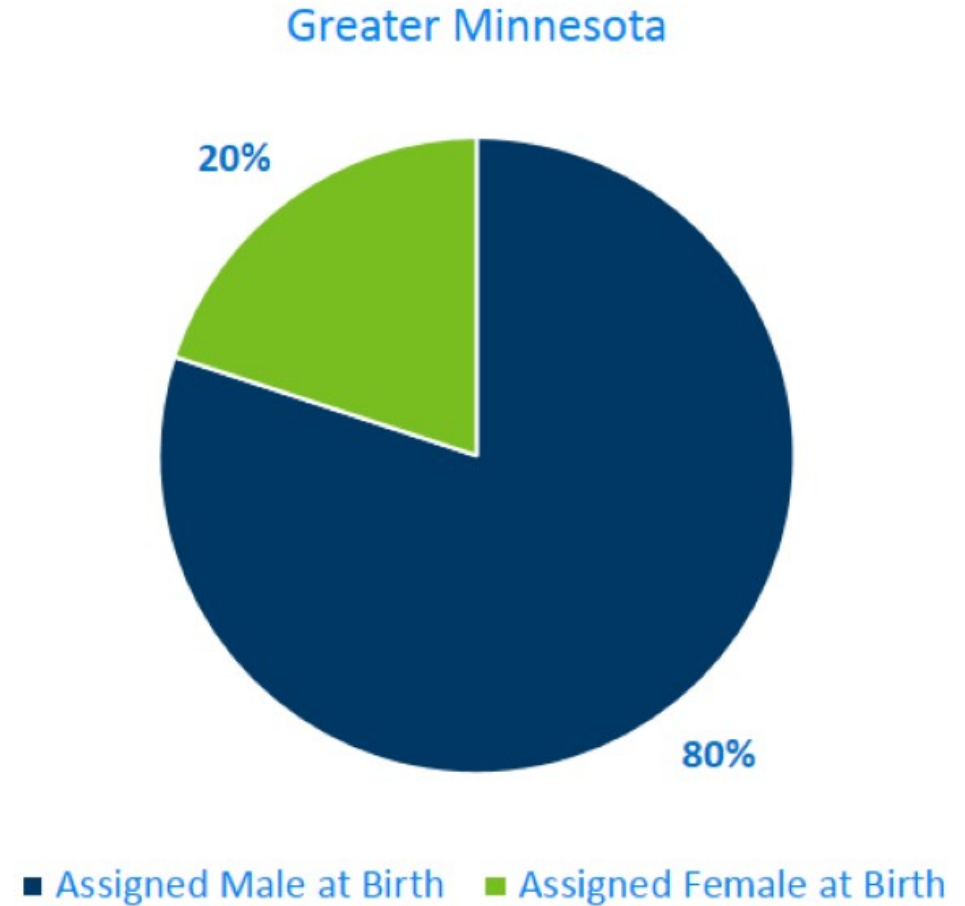
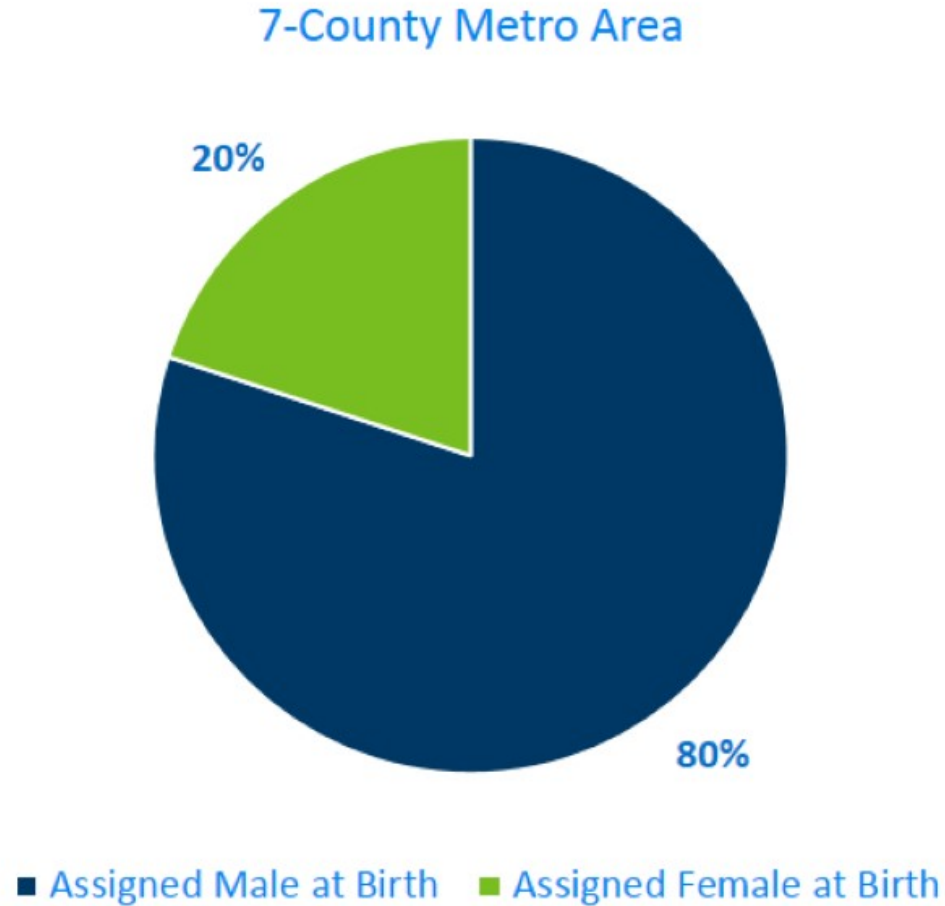


* Excludes 7 PLWH with missing race/ethnicity information.

HIV Prevalence Among Minnesotans Ages 50 and Older by Transmission Risk, 2018

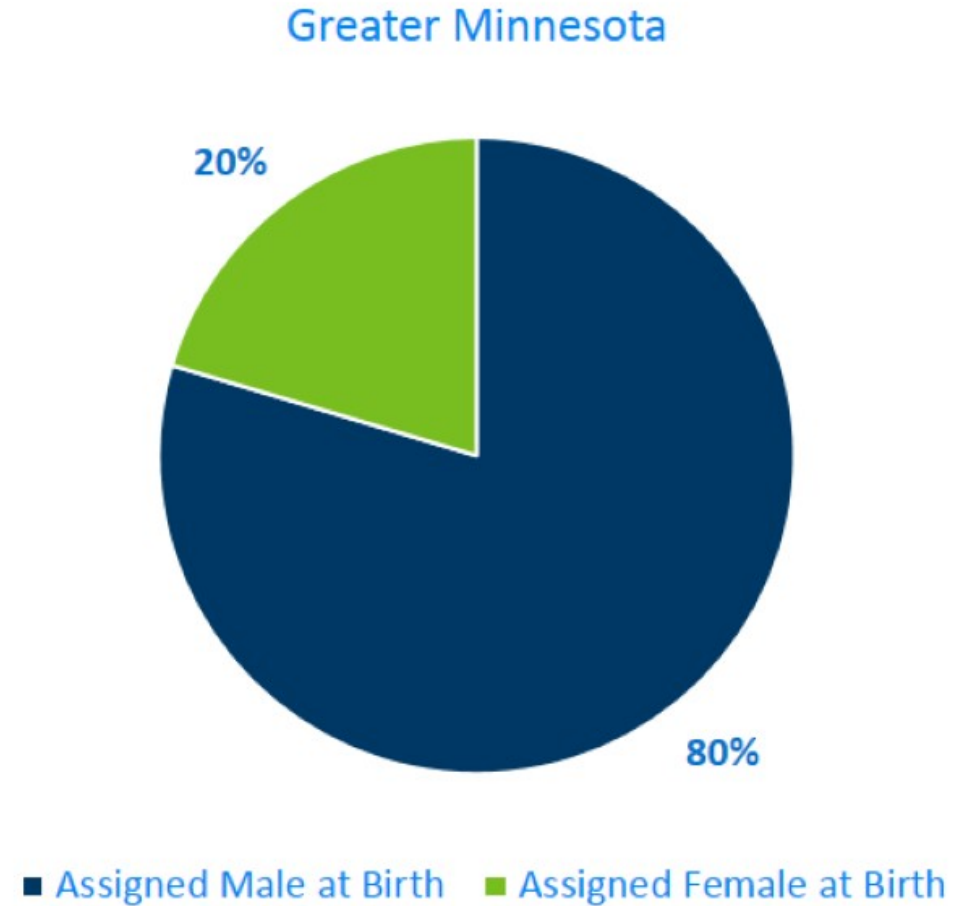
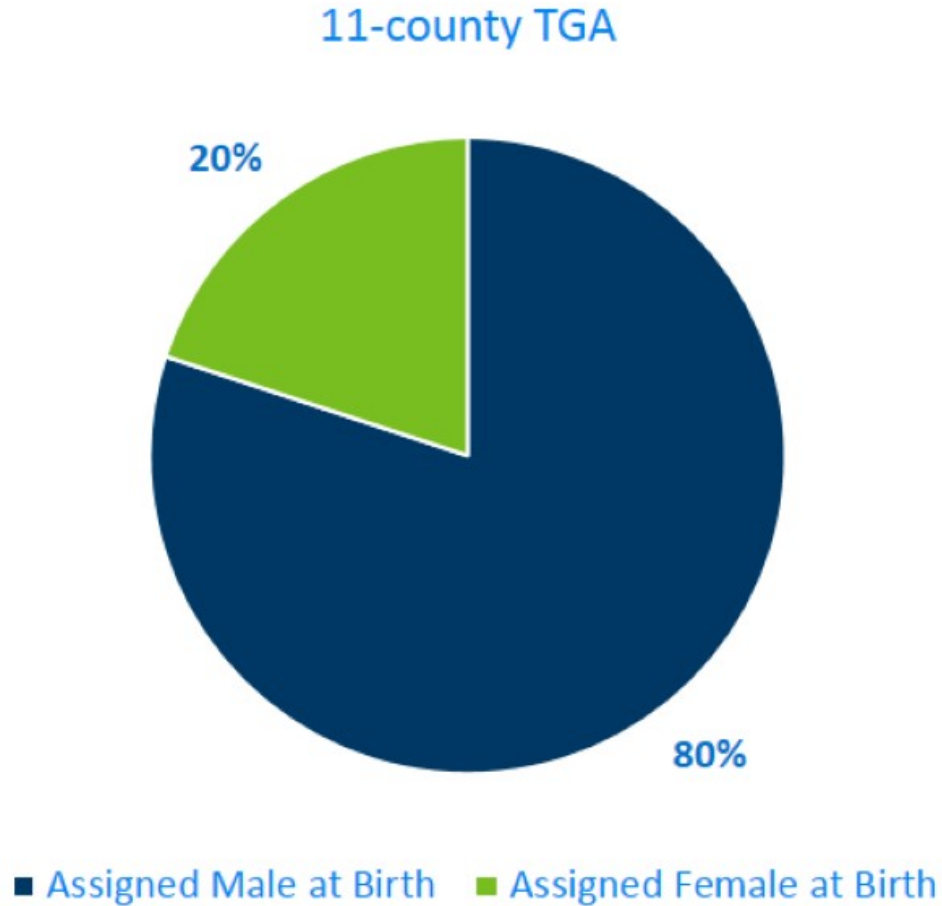


HIV Prevalence Among Minnesotans Ages 50 and Older by Geography* and Sex Assigned at Birth, 2018



* Metro area includes counties of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington. Greater Minnesota includes all remaining 80 counties.

HIV Prevalence Among Minnesotans Ages 50 and Older by Geography* and Sex Assigned at Birth, 2018



*TGA includes counties of Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright. Greater Minnesota includes all remaining 76 counties.



Questions?

Jared Shenk, MPH

jared.shenk@state.mn.us