

# HIV Surveillance Report, 2016

## **HIV/AIDS Surveillance System**

# Introduction (I)

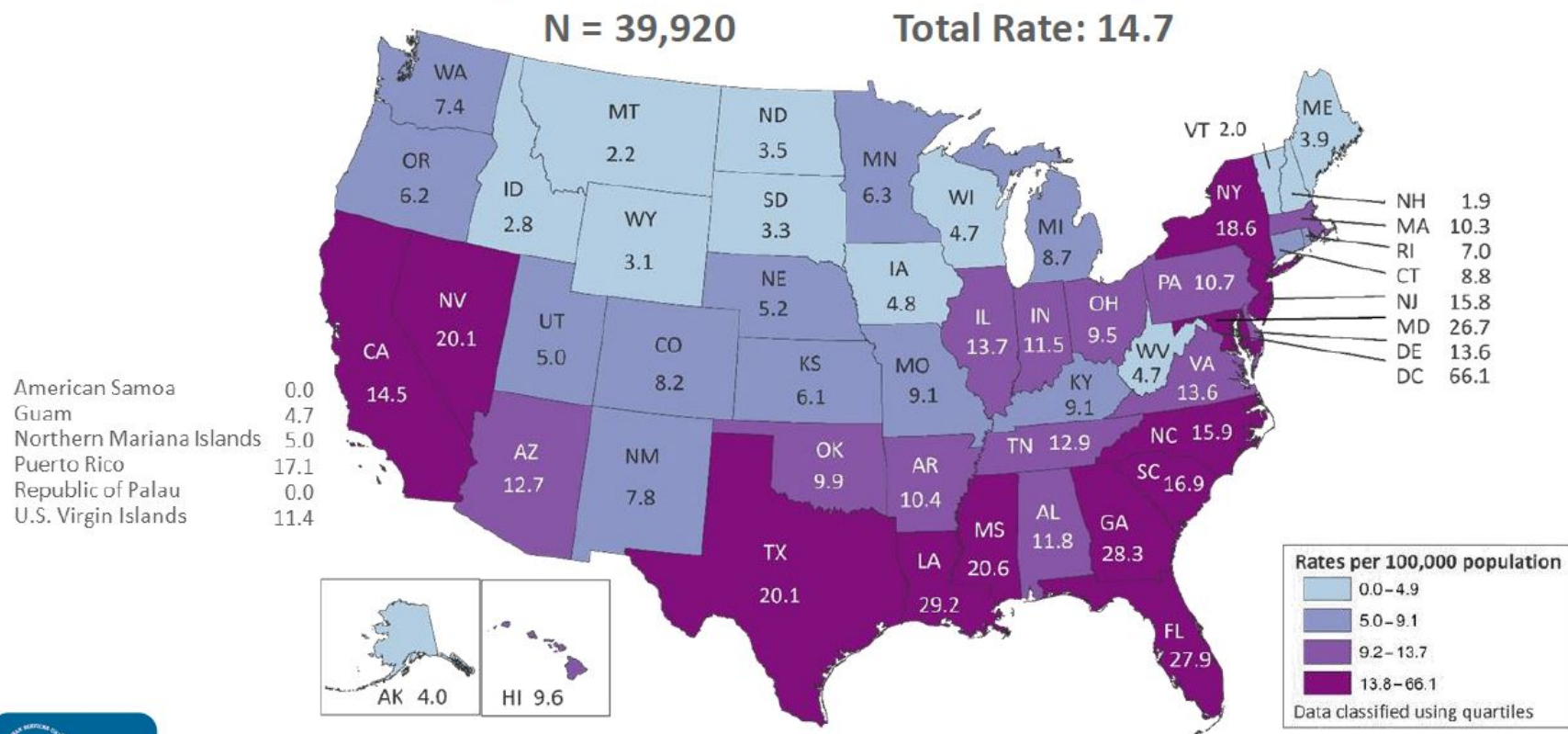
- These two introduction slides provide a general context for the data used to create this slide set. If you have questions about any of the slides please refer to the *Companion Text to the Minnesota HIV Surveillance Report, 2016* or *HIV Surveillance Technical Notes*.
- This slide set describes new HIV diagnoses (including AIDS at first diagnosis) in Minnesota by person, place, and time.
- The slides rely on data from HIV/AIDS cases diagnosed through 2016 and reported to the Minnesota Department of Health (MDH) HIV/AIDS Surveillance System.
- The data are displayed by year of HIV diagnosis.

# Introduction (II)

- Data analyses exclude persons diagnosed in federal or private correctional facilities, but include state prisoners (number of state prisoners believed to be living with HIV/AIDS = 102).
- Data analyses for new HIV diagnoses exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program (number of primary HIV+ refugees in this program living in MN as of December 31, 2016= 168), as well as, other refugees/immigrants reporting a positive test prior to their arrival in Minnesota (n=171).
- Some limitations of surveillance data:
  - Data do not include HIV-infected persons who have not been tested for HIV
  - Data do not include persons whose positive test results have not been reported to MDH
  - Data do not include HIV-infected persons who have only tested anonymously
  - Case numbers for the most recent years may be undercounted due to delays in reporting
  - Reporting of living cases that were not initially diagnosed in Minnesota is known to be incomplete

# National Context

# Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Area of Residence, 2015 — United States and 6 Dependent Areas



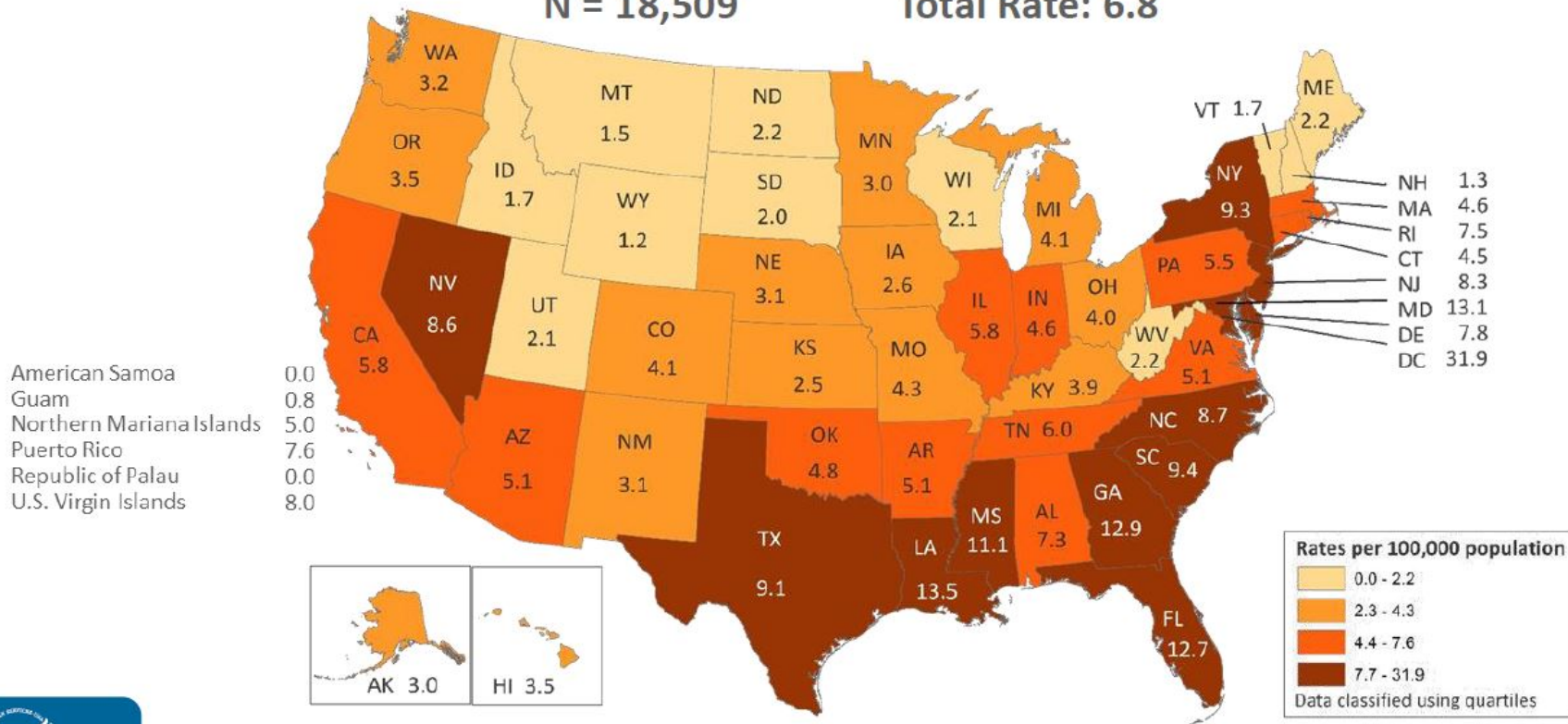
Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. Data for the year 2015 are preliminary and based on 6 months reporting delay.



# Rates of Diagnosed HIV Infection Classified as Stage 3 (AIDS) among Adults and Adolescents, by Area of Residence, 2015 — United States and 6 Dependent Areas

N = 18,509

Total Rate: 6.8

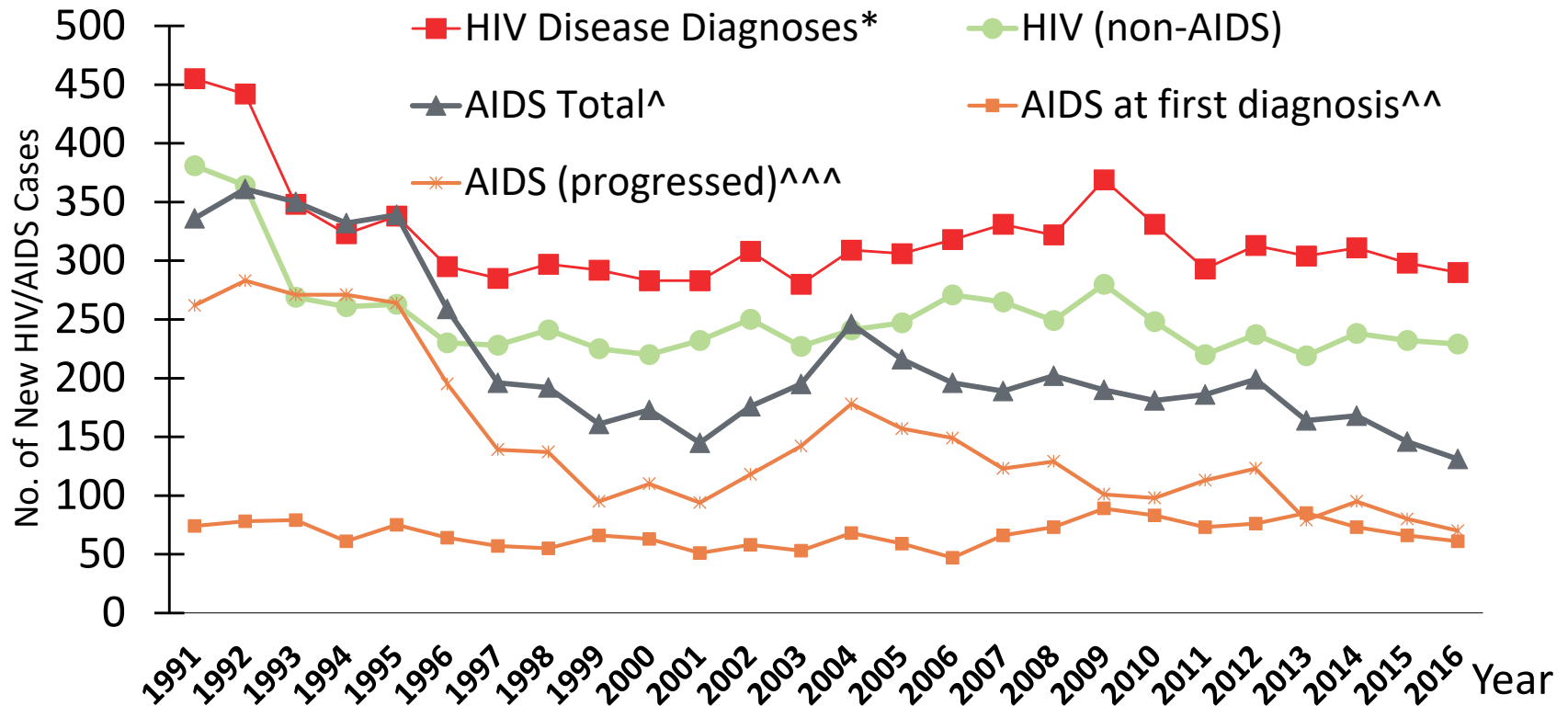


Note. Data for the year 2015 are preliminary and based on 6 months reporting delay.



# Overview of HIV/AIDS in Minnesota

# New HIV Disease Diagnoses, HIV (non-AIDS) and AIDS Cases by Year, 1990-2016



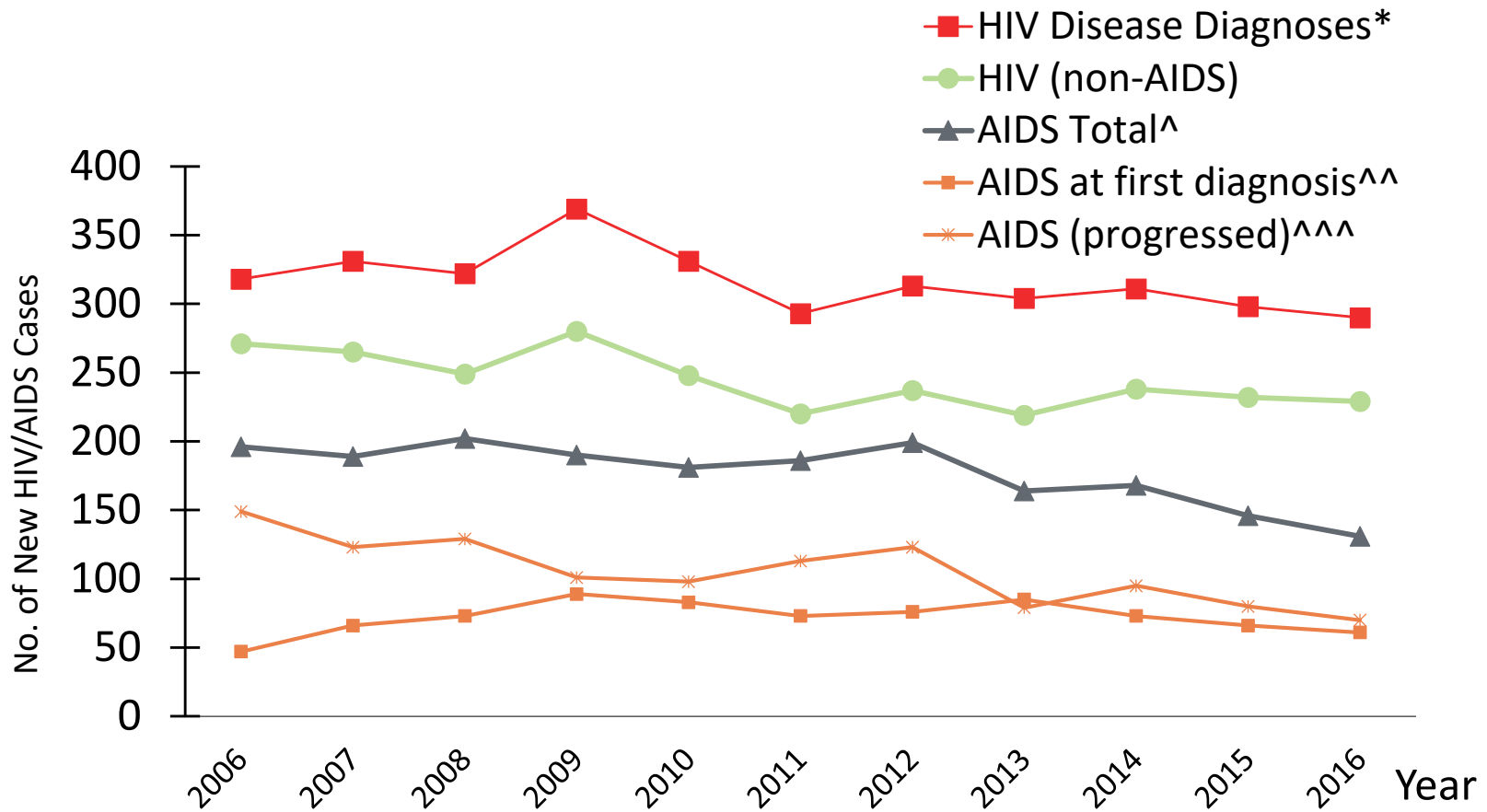
\*Includes all new cases of HIV infection (both HIV (non-AIDS) and AIDS at first diagnosis) diagnosed within a given calendar year.

^Includes all new cases of AIDS diagnosed within a given calendar year, including AIDS at first diagnosis^^ and AIDS ((progressed)^^^ previous diagnosis of HIV).

This includes refugees in the HIV+ Resettlement Program, as well as, other refugee/immigrants diagnosed with AIDS subsequent to their arrival in the United States.



# New HIV Disease Diagnoses, HIV (non-AIDS) and AIDS Cases by Year, 2006-2016



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

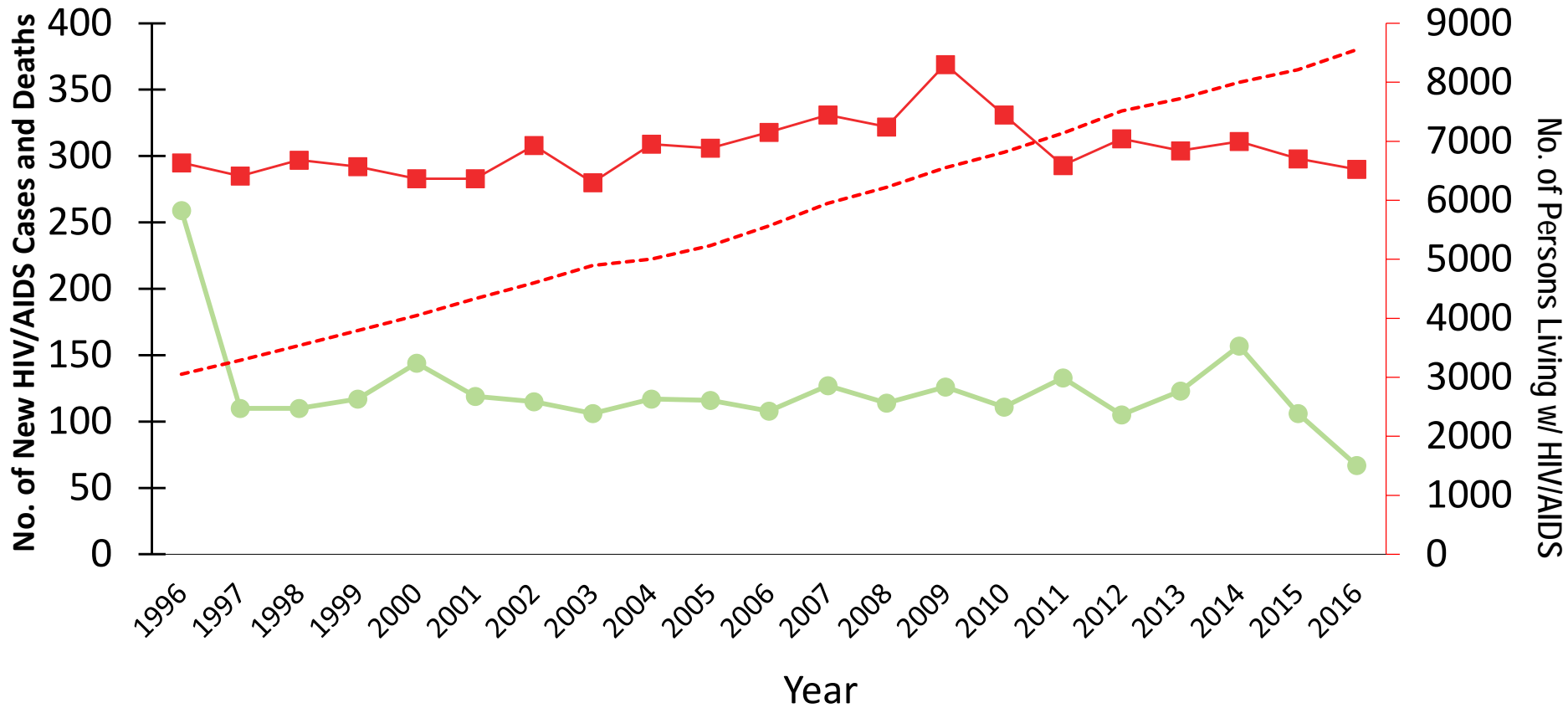
^Includes all new cases of AIDS diagnosed within a given calendar year, including AIDS at first diagnosis^^ and AIDS ((progressed)^^^ previous diagnosis of HIV).

This includes refugees in the HIV+ Resettlement Program, as well as, other refugee/immigrants diagnosed with AIDS subsequent to their arrival in the United States.



# New HIV Disease Diagnoses, Deaths and Prevalent Cases by Year, 1996-2016

■ HIV Disease Diagnoses\*      ● All Deaths^      - - - Living with HIV/AIDS



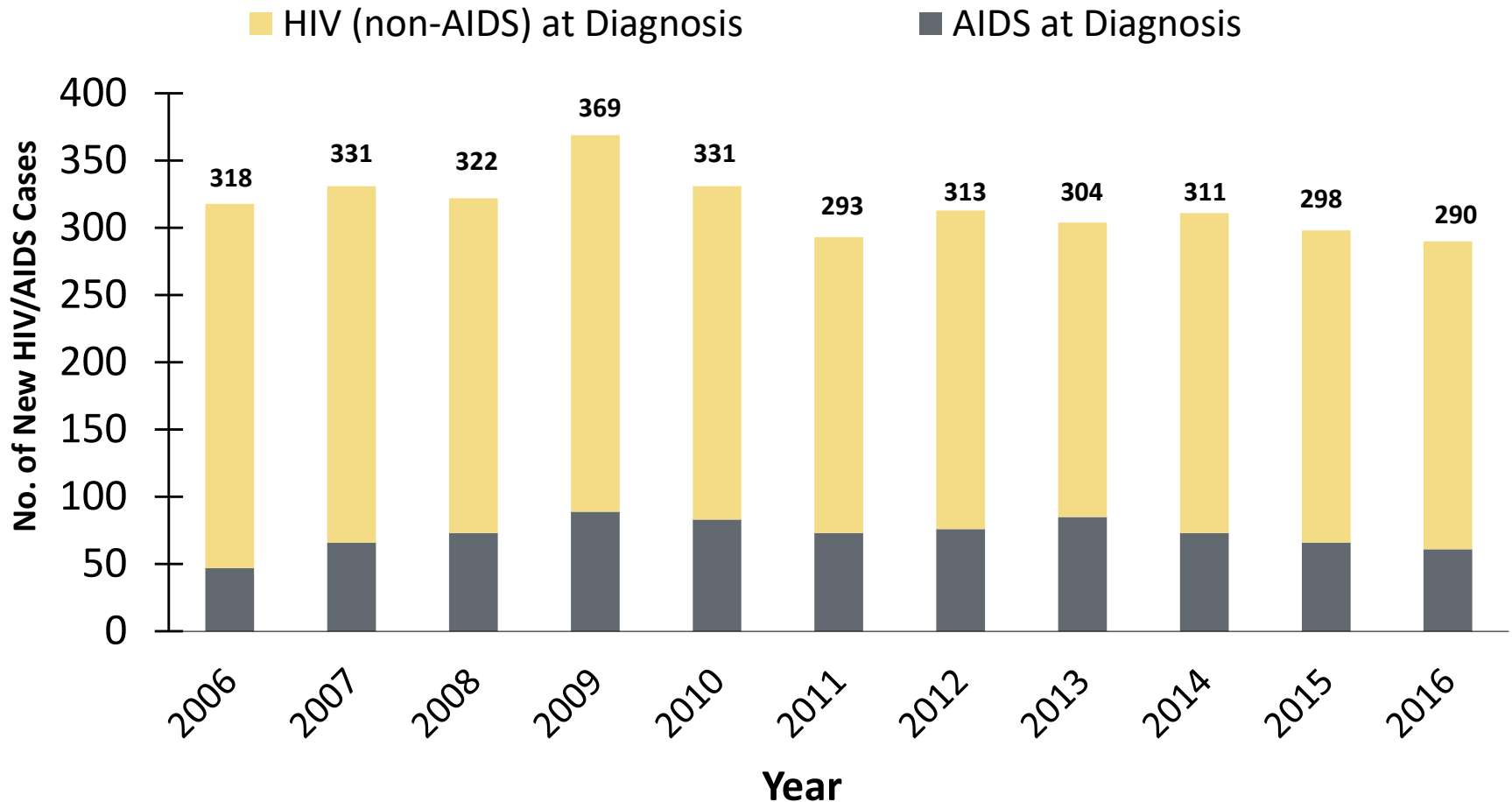
\*Includes all new cases of HIV infection (both HIV (non-AIDS) and AIDS at first diagnosis) diagnosed within a given calendar year.

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

*HIV/AIDS in Minnesota: Annual Review*



# HIV (non-AIDS) and AIDS at Diagnosis by Year, 2006-2016



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

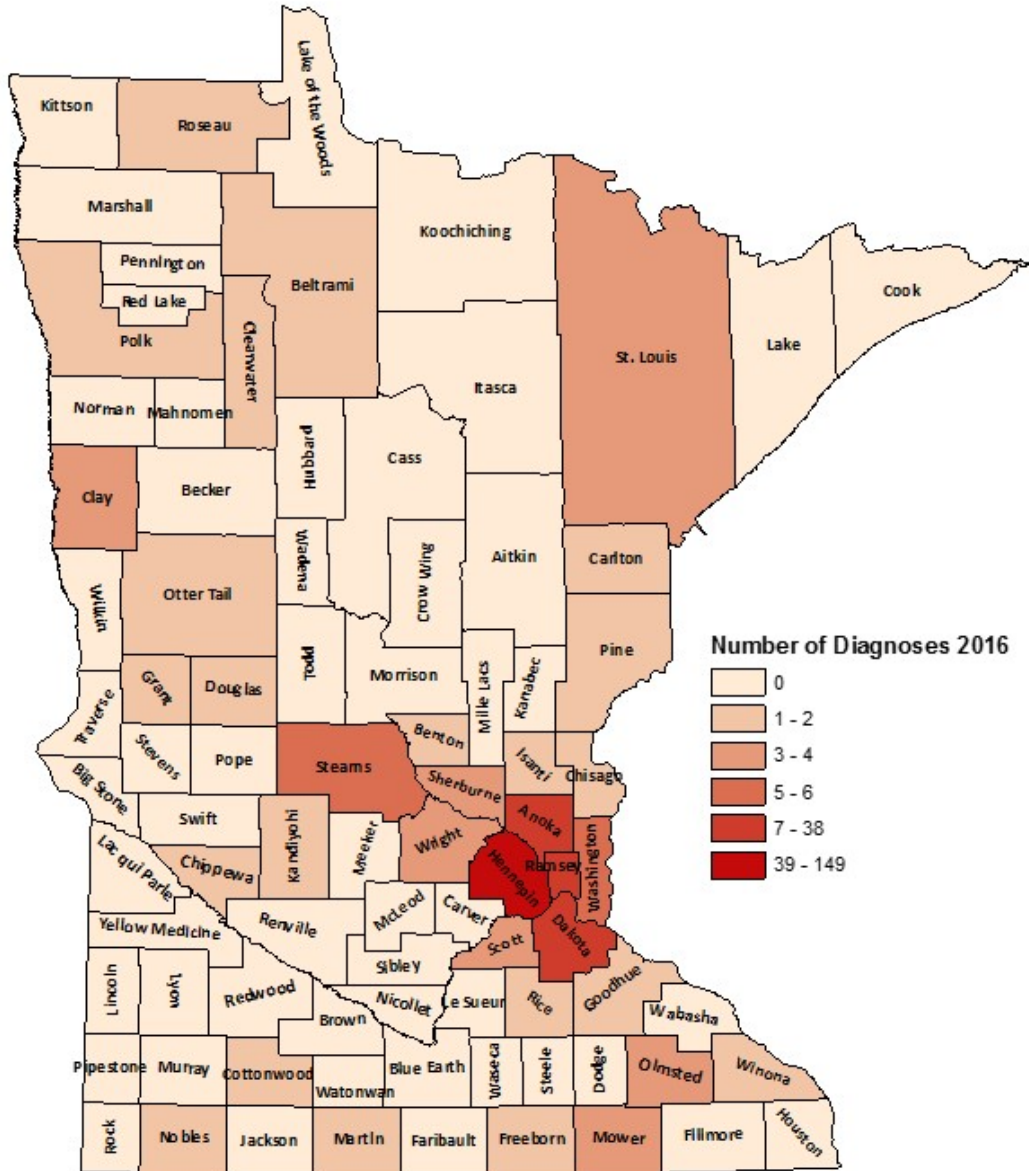
^Includes all new cases of AIDS diagnosed within a given calendar year, including AIDS at first diagnosis. This includes refugees in the HIV+ Resettlement Program, as well as, other refugee/immigrants diagnosed with AIDS subsequent to their arrival in the United States.

# HIV Diagnoses\* in Minnesota by Person, Place, and Time

\* HIV or AIDS at first diagnosis

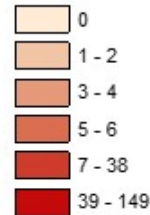
# Place

# HIV Diagnoses\* by County of Residence at Diagnosis, 2016



City of Minneapolis – 92  
 City of St. Paul – 28  
 Suburban# – 118  
 Greater Minnesota – 52  
 Total number = 290

Number of Diagnoses 2016



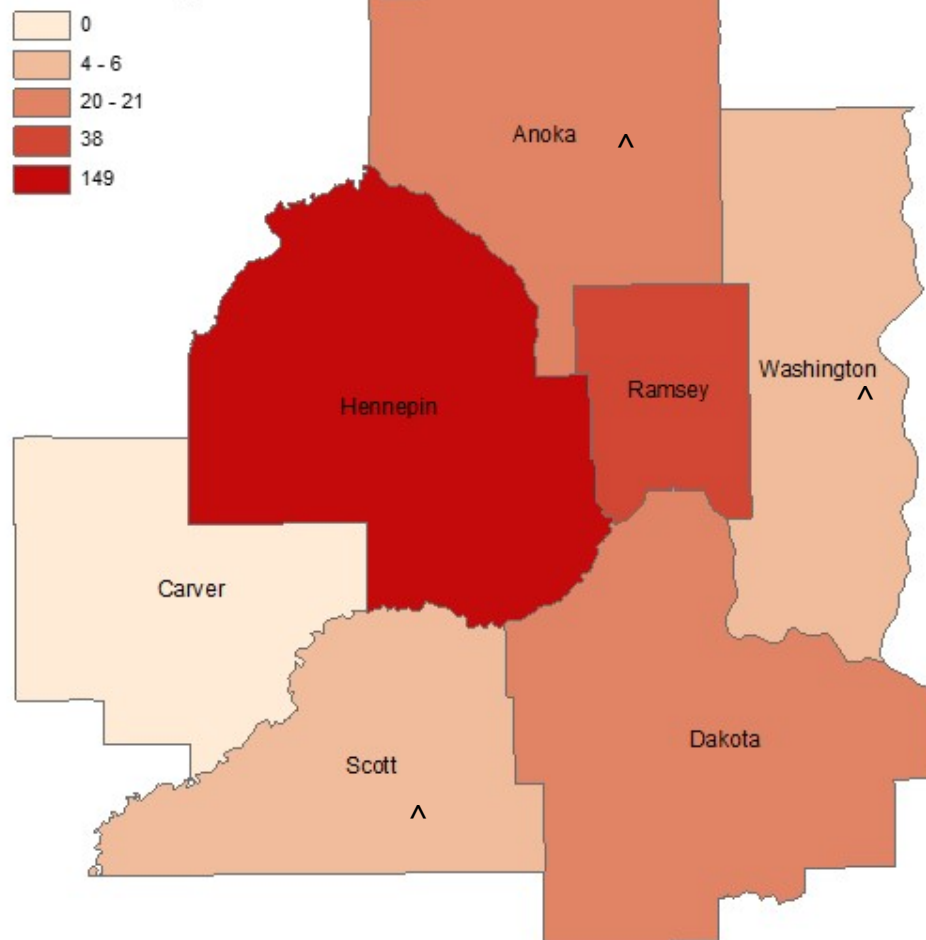
\*HIV or AIDS at first diagnosis

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



# HIV Diagnoses\* by County of Residence at Diagnosis, 2016: Seven-County Metro Area

Twin Cities Seven County Metro Region:  
Number of Diagnoses 2016



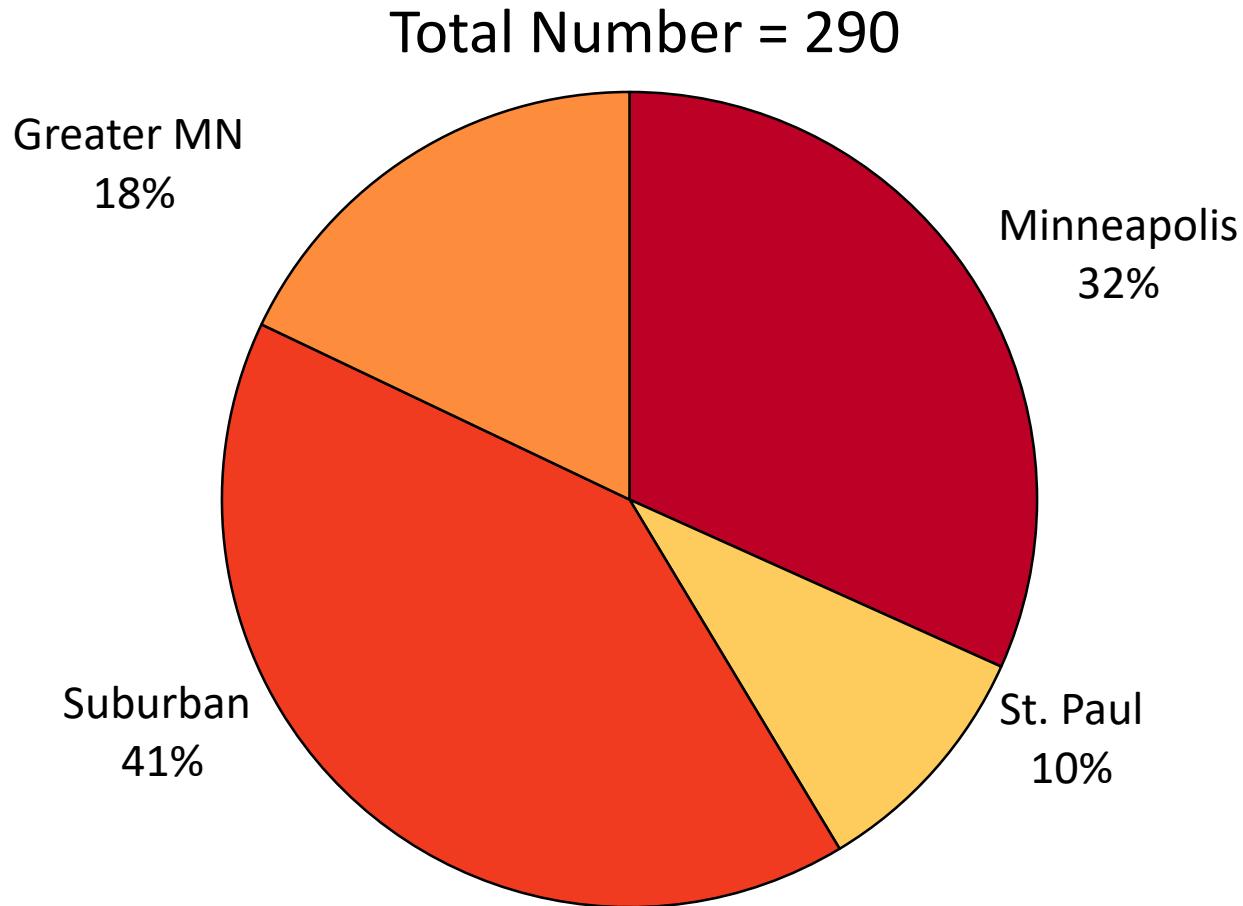
City of Minneapolis – 92  
City of St. Paul – 28  
Suburban# – 118  
Total number (Metro only) = 238  
# 7-county metro area, excluding  
the cities of Minneapolis and St. Paul

^Counties in which a state correctional facility is located.

\* HIV or AIDS at first diagnosis



# HIV Diagnoses\* in Minnesota by Residence at Diagnosis, 2016



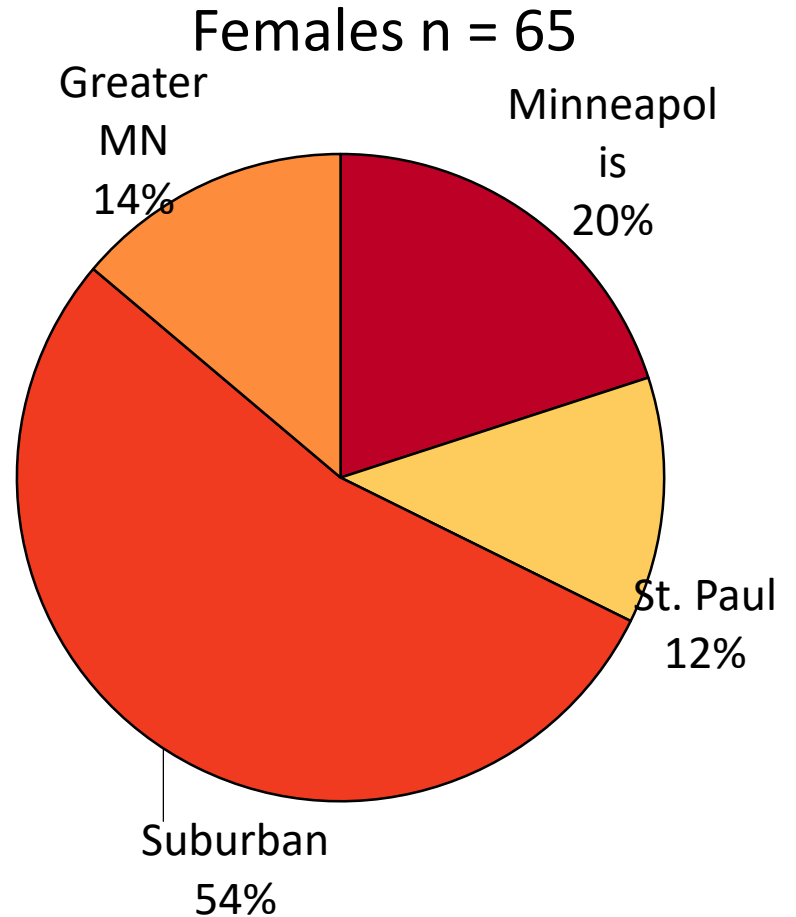
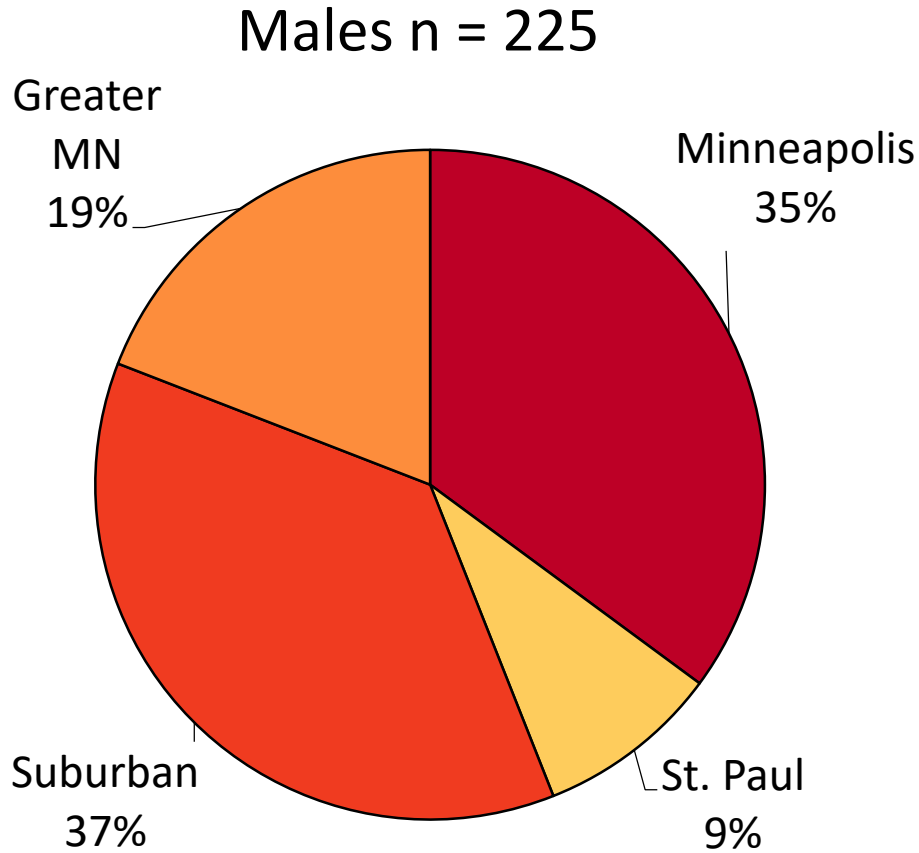
Suburban = Seven-county metro area including Anoka, Carver, Dakota, Hennepin (except Minneapolis), Ramsey (except St. Paul), Scott, and Washington counties. Greater MN = All other Minnesota counties, outside the seven-county metro area.

\* HIV or AIDS at first diagnosis





# HIV Diagnoses\* in Minnesota by Gender and Residence at Diagnosis, 2016



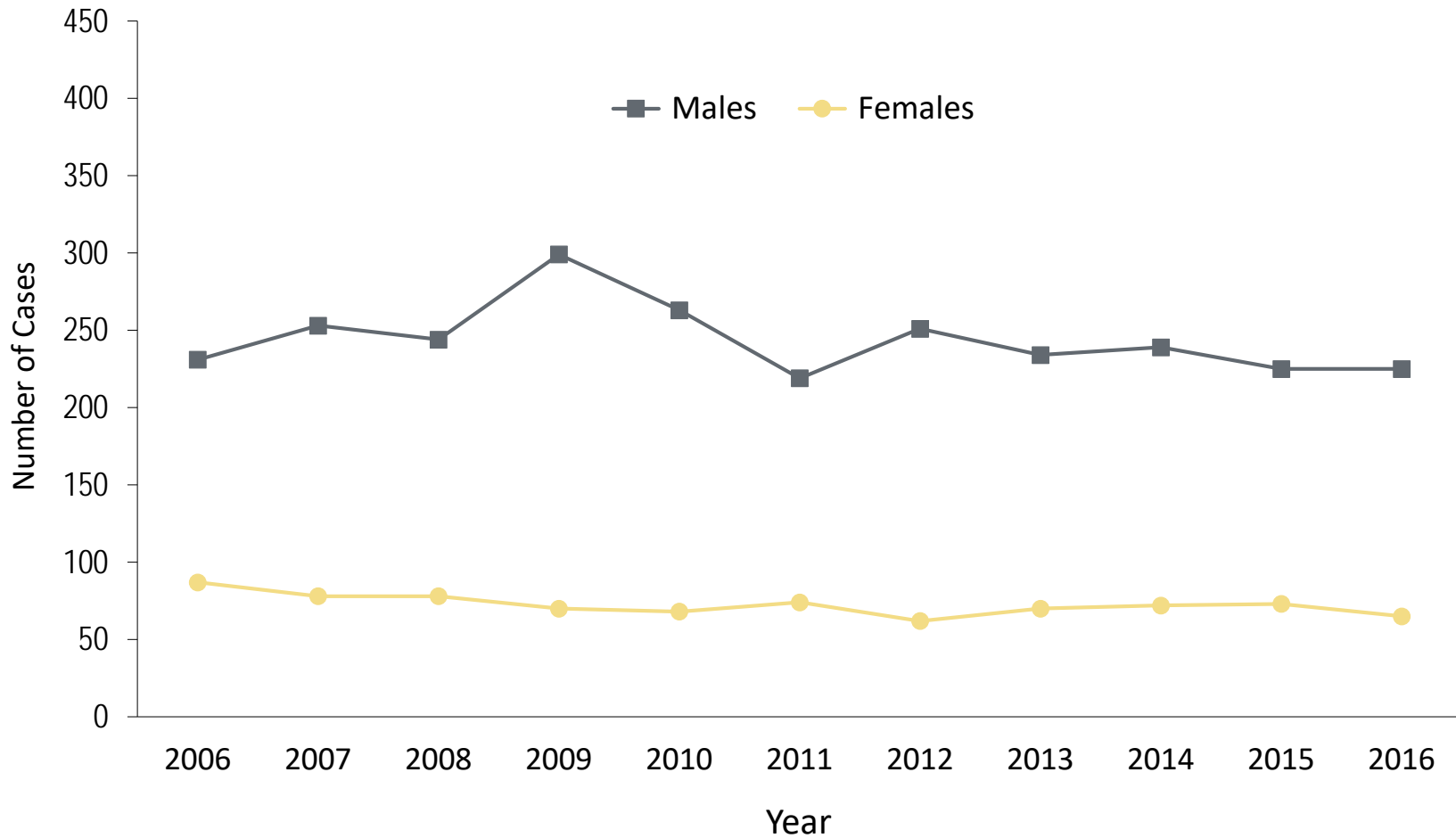
Suburban = Seven-county metro area including Anoka, Carver, Dakota, Hennepin (except Minneapolis), Ramsey (except St. Paul), Scott, and Washington counties. Greater MN = All other Minnesota counties, outside the seven-county metro area.

\* HIV or AIDS at first diagnosis

# Gender and Race/Ethnicity

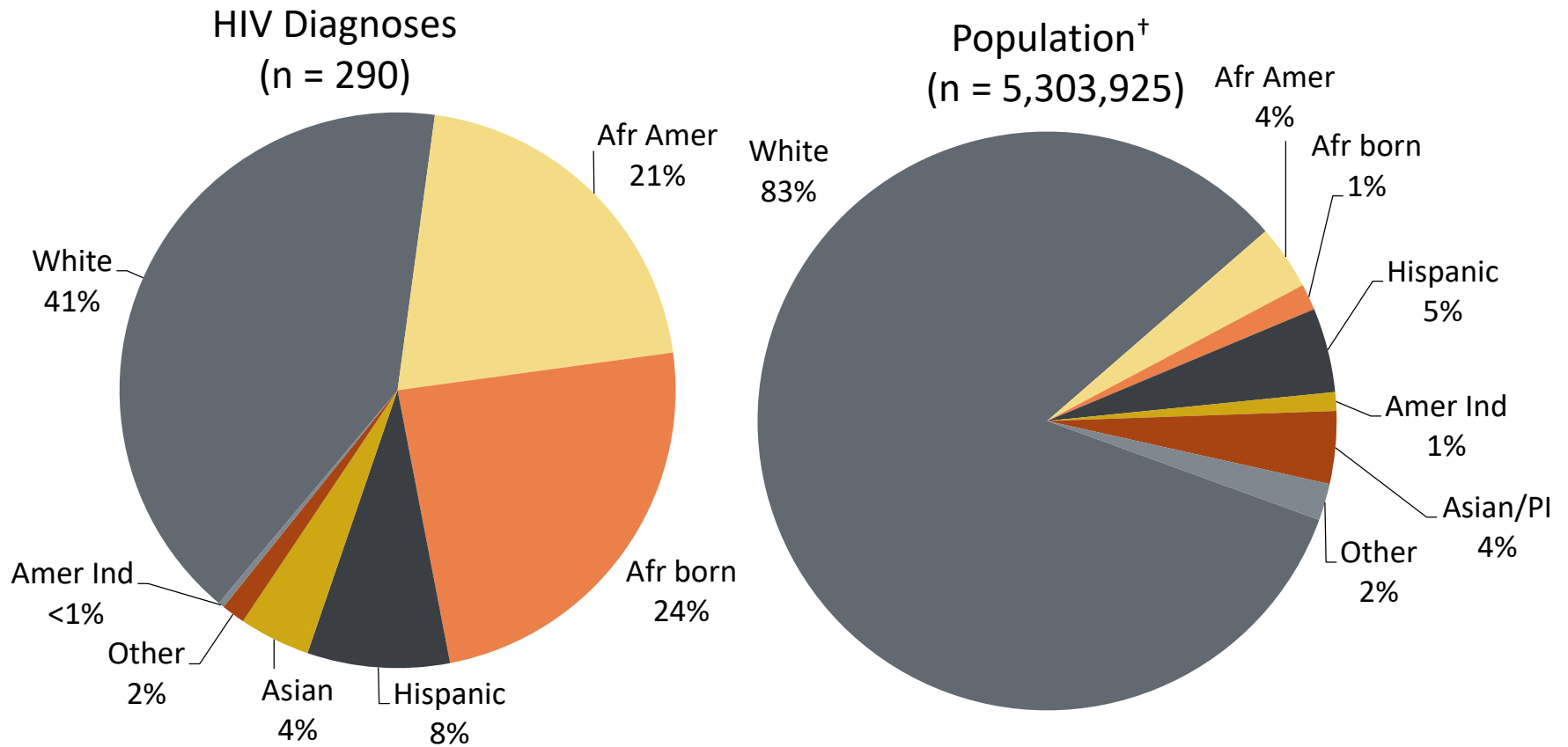


## HIV Diagnoses\* by Gender and Year of Diagnosis, 2006 - 2016



\* HIV or AIDS at first diagnosis

# HIV Diagnoses\* in Year 2016 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

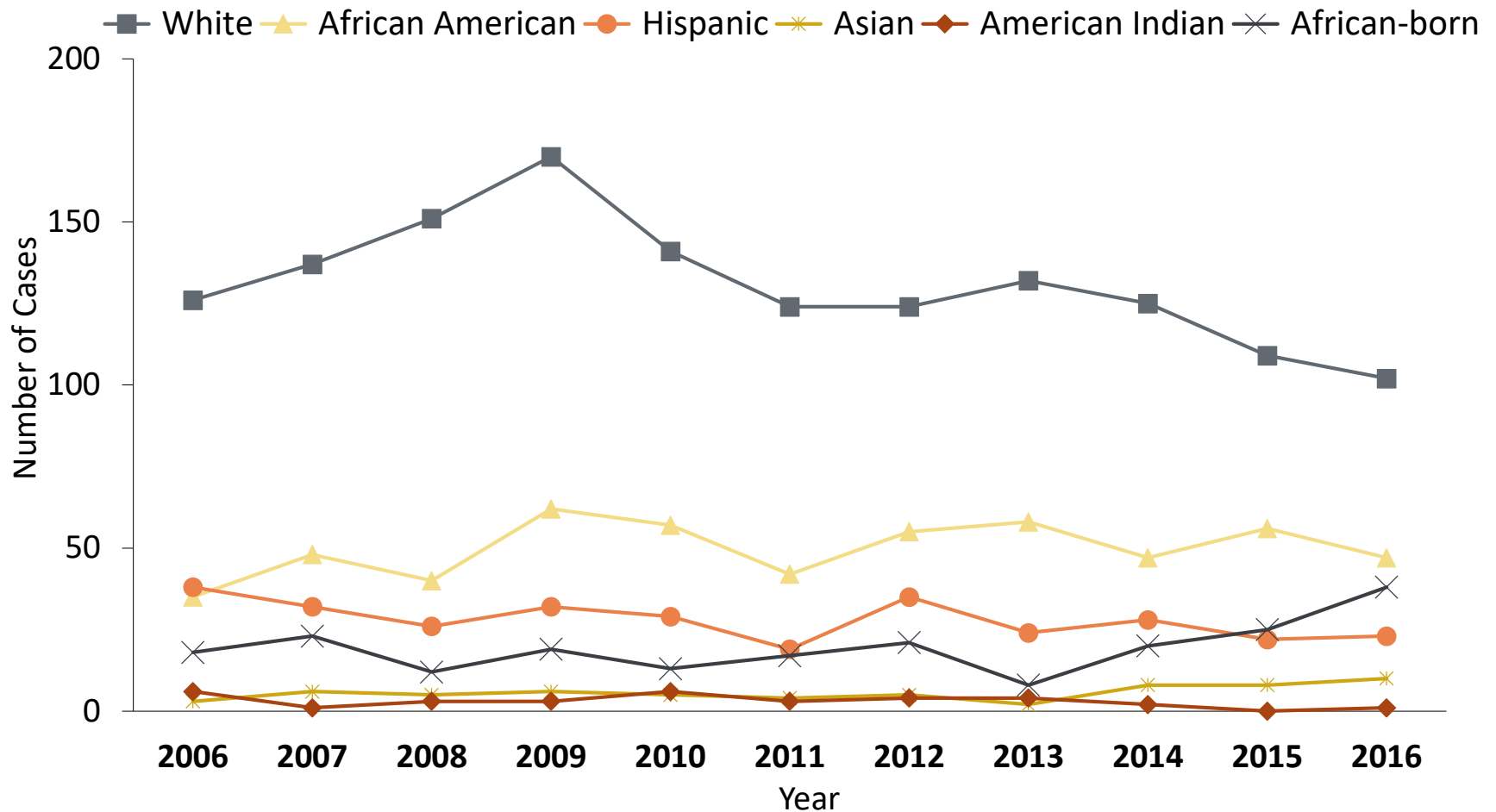
Amer Ind = American Indian

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

Afr born = African-born (Black, African-born persons)



# HIV Diagnoses\* Among Males by Race/Ethnicity† and Year of Diagnosis, 2006 - 2016

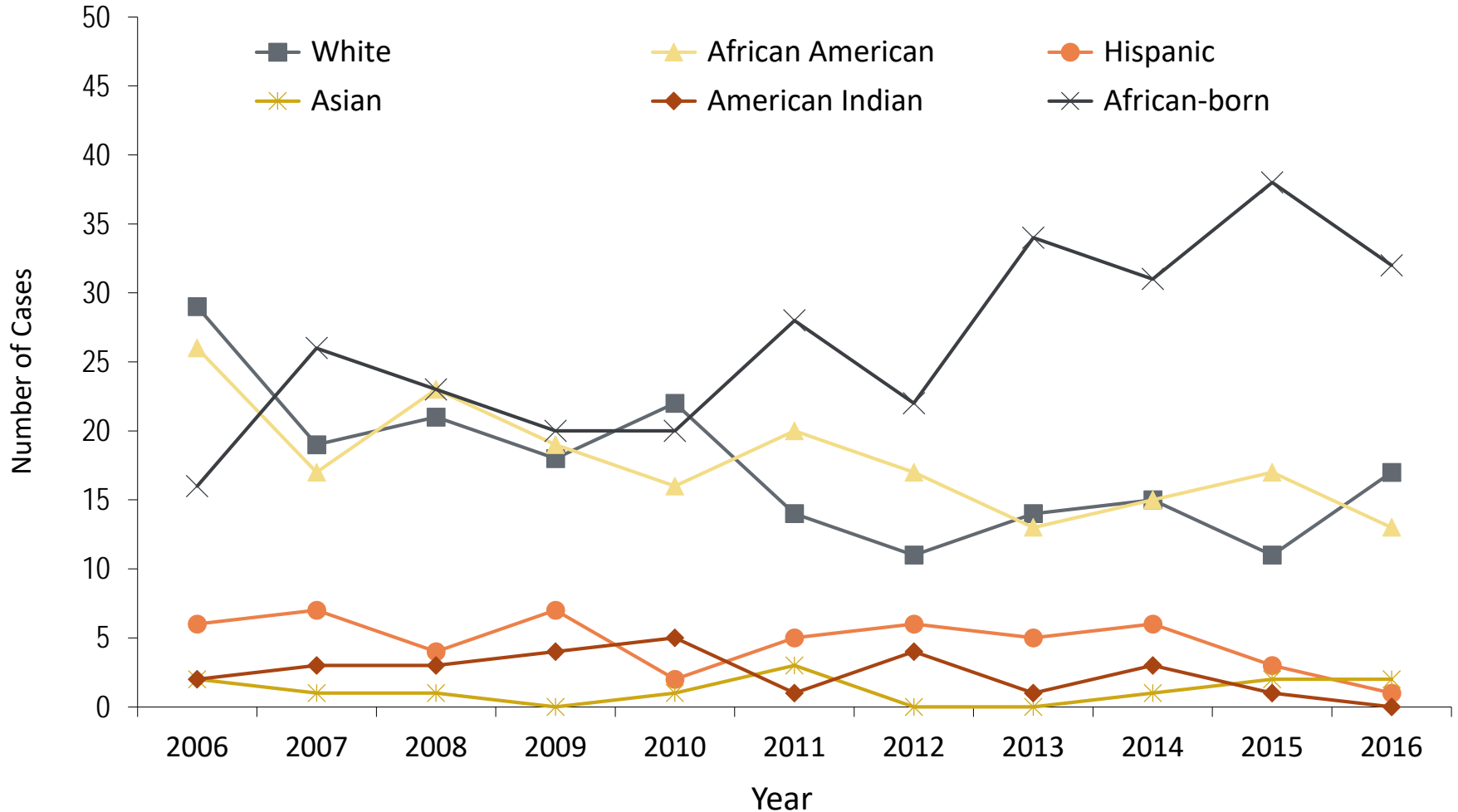


\* HIV or AIDS at first diagnosis

† “African-born” refers to Blacks who reported an African country of birth; “African American” refers to all other Blacks. Cases with unknown or multiple races are excluded.



# HIV Diagnoses\* Among Females by Race/Ethnicity† and Year of Diagnosis, 2006 – 2016

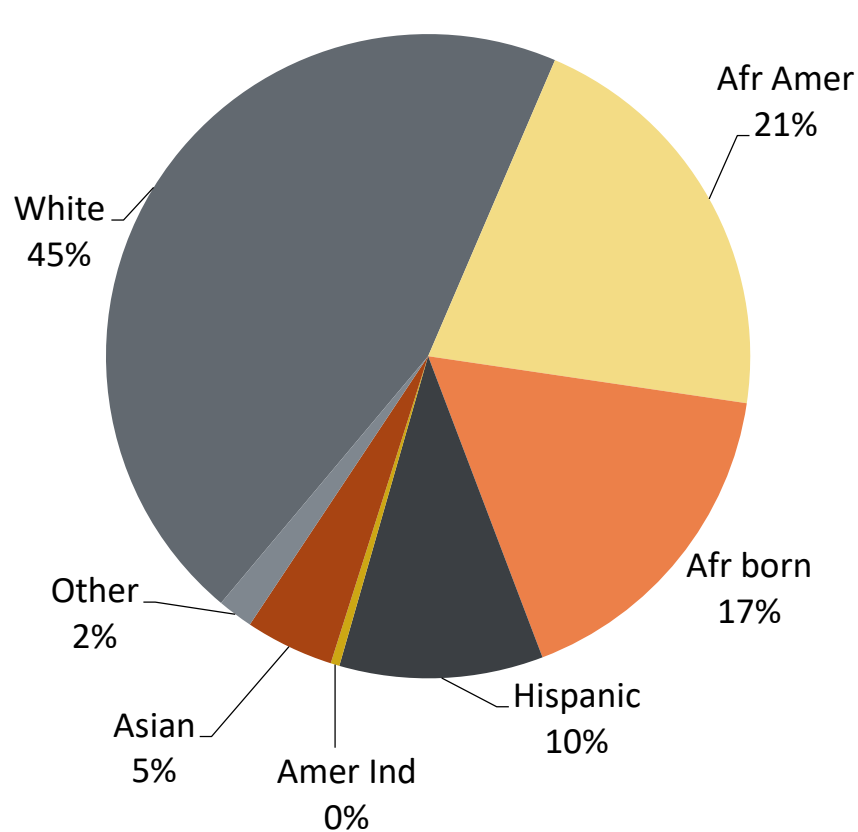


\* HIV or AIDS at first diagnosis

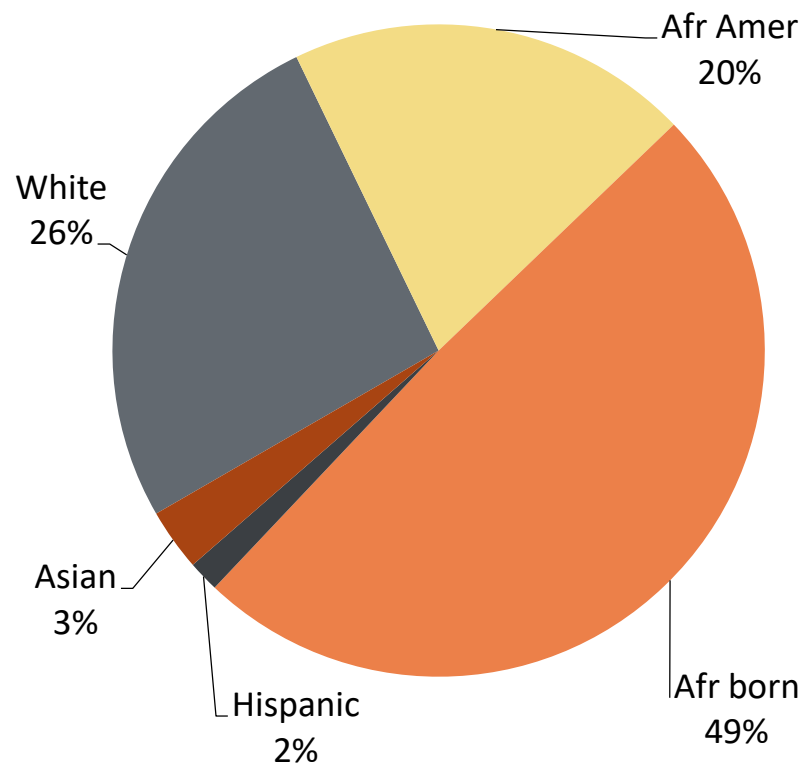
† “African-born” refers to Blacks who reported an African country of birth; “African American” refers to all other Blacks. Cases with unknown race are excluded.

# HIV Diagnoses\* Diagnosed in Year 2016 by Gender and Race/Ethnicity

## Males (n = 225)



## Females (n = 65)



\* HIV or AIDS at first diagnosis

n = Number of persons    Afr Amer = African American (Black, not African-born persons)

Afr born = African-born (Black, African-born persons)    Amer Ind = American Indian

Other = Multi-racial persons or persons with unknown race



## Number of Cases and Rates (per 100,000 persons) of HIV Diagnoses\* by Race/Ethnicity<sup>†</sup>– Minnesota, 2016

<b>Race/Ethnicity</b>	<b>Cases</b>	<b>%</b>	<b>Rate</b>
<b>White, non-Hispanic</b>	119	41%	2.7
<b>Black, African-American</b>	60	21%	31.3
<b>Black, African-born</b>	70	24%	90.3 <sup>††</sup>
<b>Hispanic</b>	24	8%	9.6
<b>American Indian</b>	1	0.3%	#
<b>Asian/Pacific Islander</b>	12	4%	5.6
<b>Other<sup>^</sup></b>	4	1%	#
<b>Total</b>	<b>290</b>	<b>100%</b>	<b>5.5</b>

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

<sup>†</sup> “African-born” refers to Blacks who reported an African country of birth; “African American” refers to all other Blacks.

<sup>††</sup> Estimate of 77,557 Source: 2010-2012 American Community Survey. Additional calculations by the State Demographic Center.

<sup>^</sup> Other = Multi-racial persons or persons with unknown or missing race

# Number of cases too small to calculate reliable rate





# Number of Cases of Adult and Adolescent HIV Diagnoses\*\* by Gender Identity and Risk†, Minnesota, 2016

<b>Gender/Risk</b>	<b>Cases</b>	<b>%</b>	<b>Rate</b>
<b>Men (Total)</b>	(222)	77%	10.3
<b>MSM†</b>	139	62%	149.8
<b>Non-MSM</b>	83	38%	4.1
<b>Women</b>	61	22%	2.8
<b>Transgender ^ (Total)</b>	4	1%	x
<b>Male to Female</b>	2	50%	x
<b>Female to Male</b>	2	50%	x
<b>Total</b>	<b>287</b>	<b>100%</b>	<b>6.6</b>

\*\*HIV or AIDS at first diagnosis over the age of 13

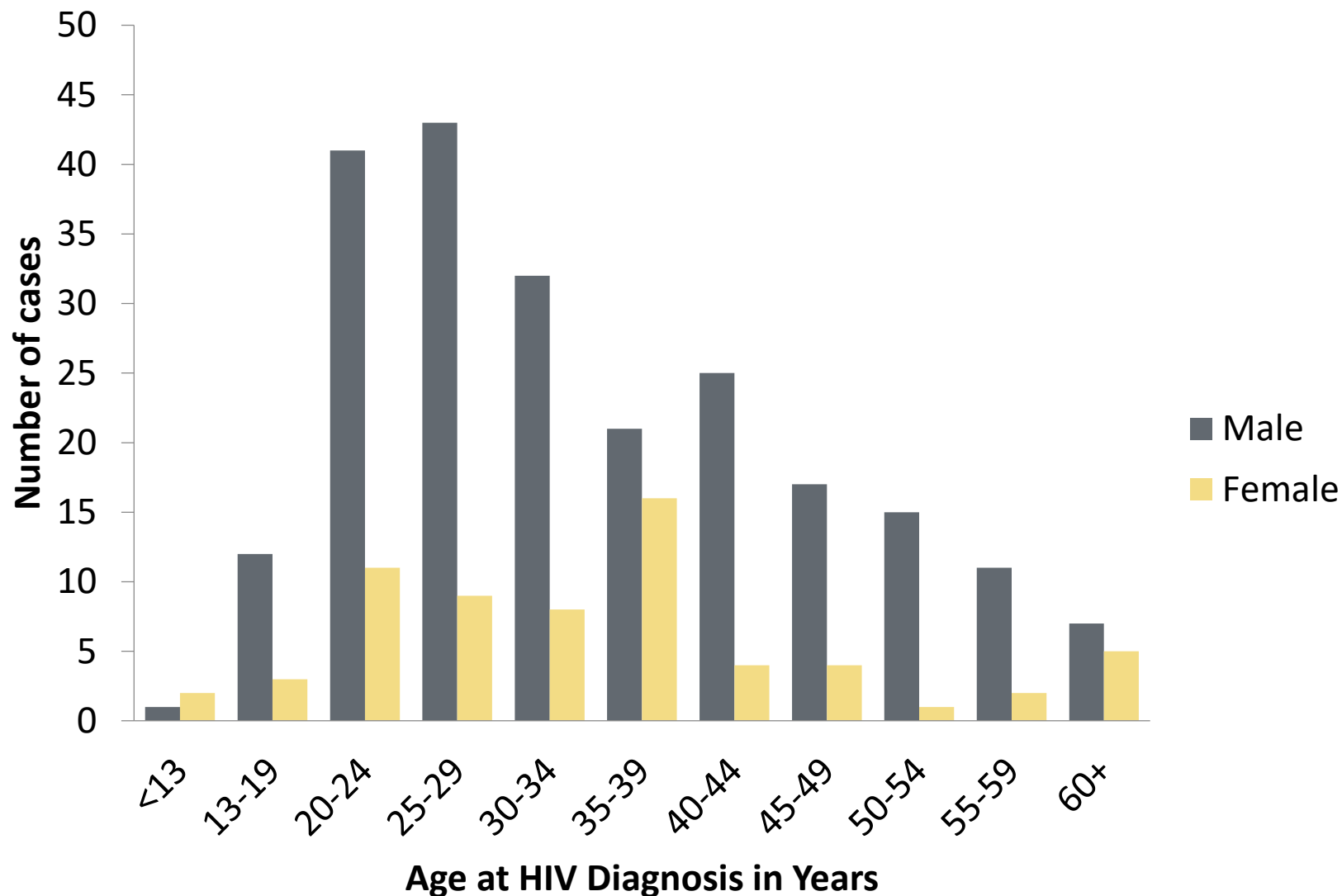
† “MSM” refers to both MSM and MSM/IDU. Estimate of 92,788

^ No current transgender estimate available

# Age



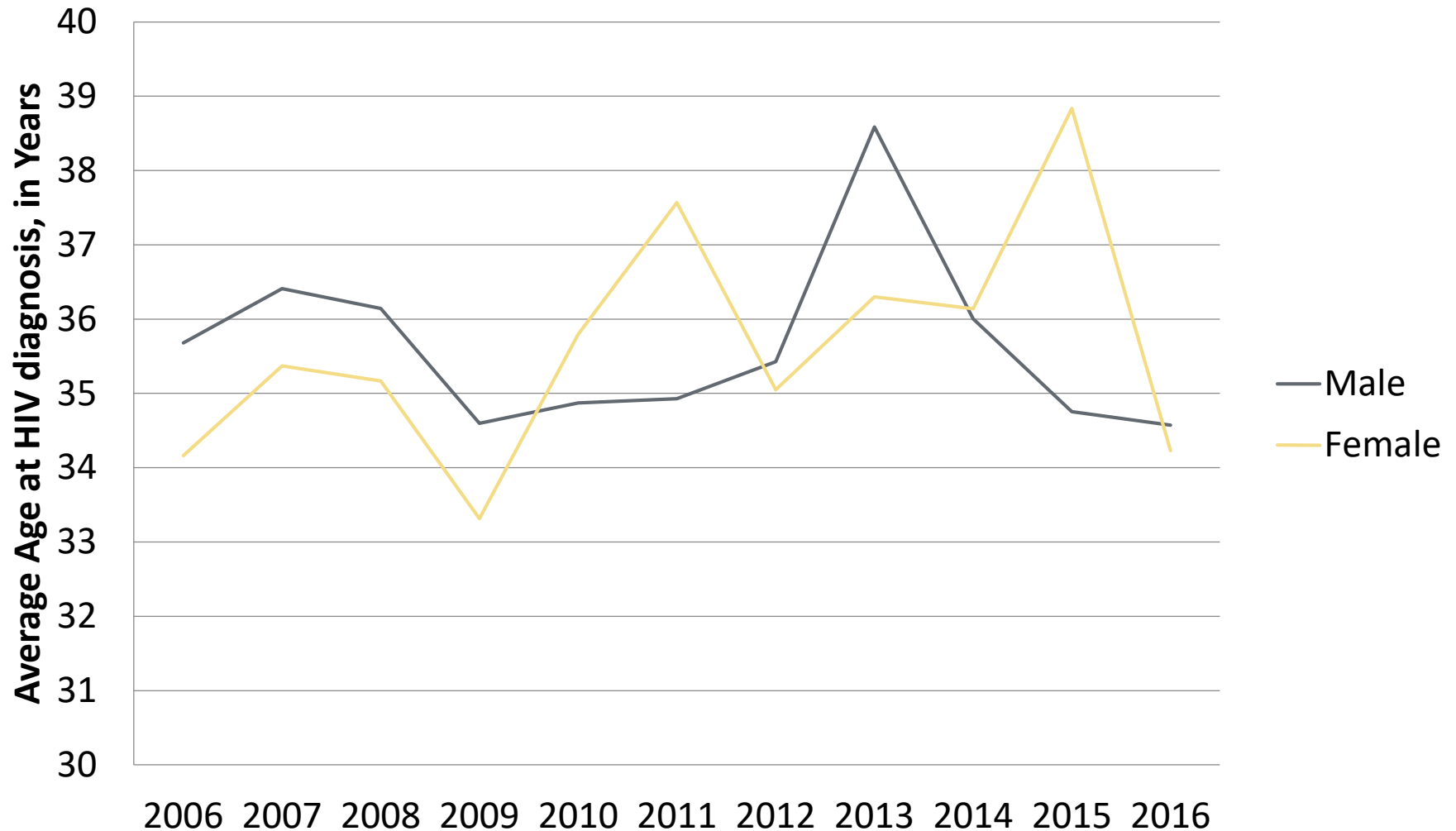
## Age at HIV Diagnosis\* by Sex at Birth, Minnesota, 2016



\* HIV or AIDS at first diagnosis



# Average Age at HIV Diagnosis\* by Sex at Birth, 2006-2016



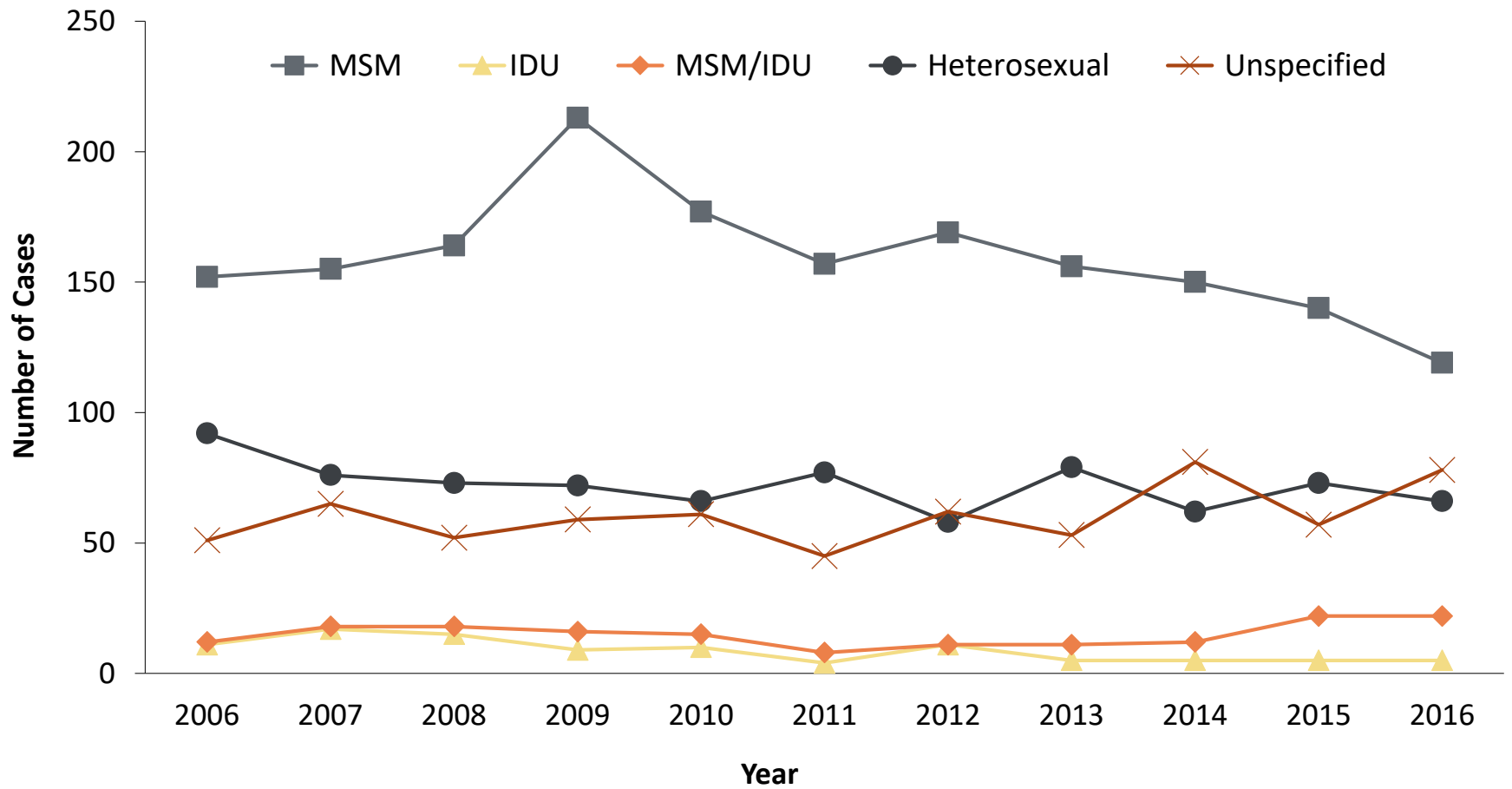
\* HIV or AIDS at first diagnosis



# Mode of Exposure



# HIV Diagnoses\* by Mode of Exposure and Year, 2005 - 2016

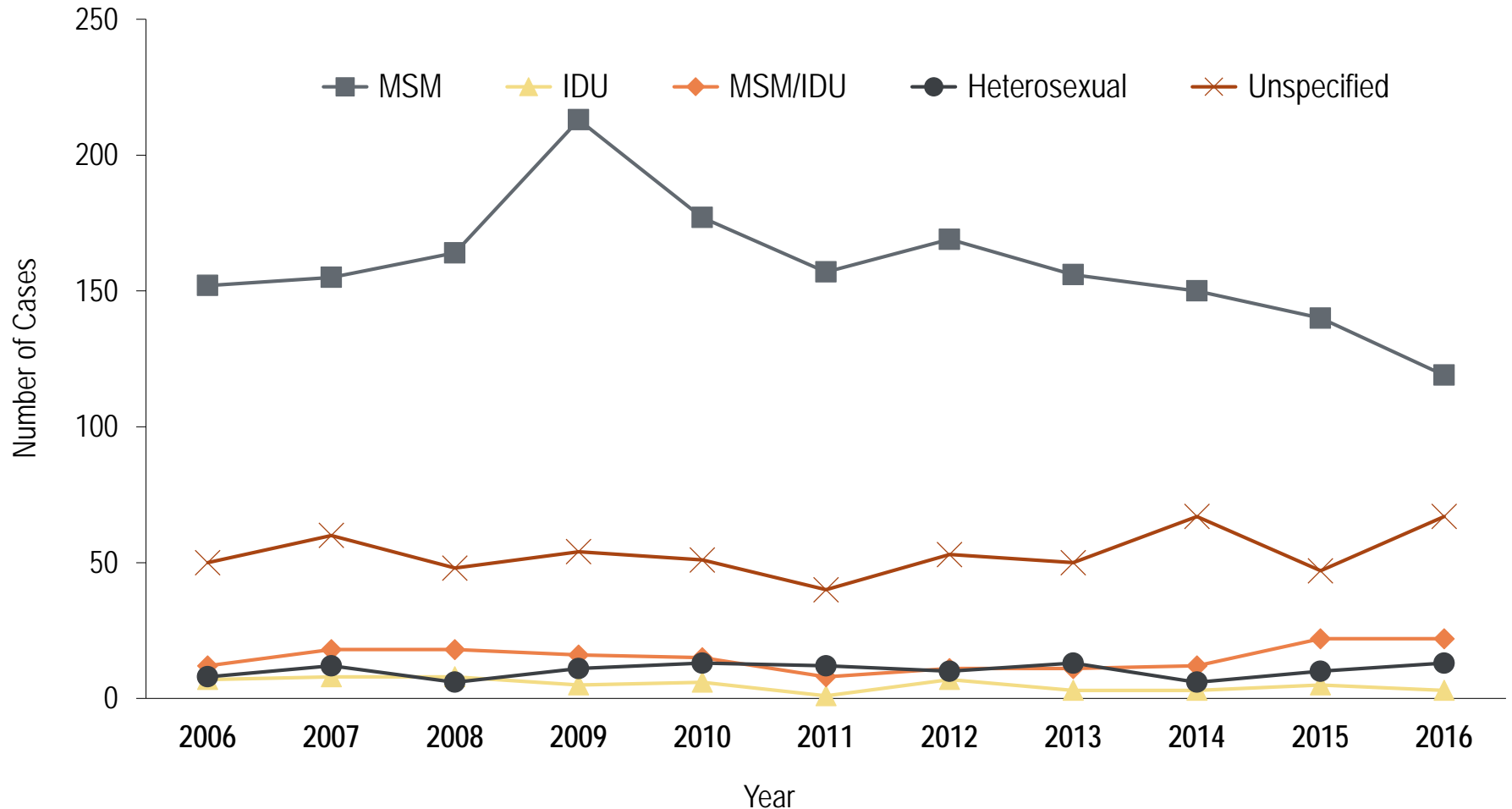


\*HIV or AIDS at first diagnosis

Unspecified = No mode of exposure ascertained



# HIV Diagnoses\* Among Males by Mode of Exposure and Year, 2006 - 2016



MSM = Men who have sex with men

IDU = Injecting drug use

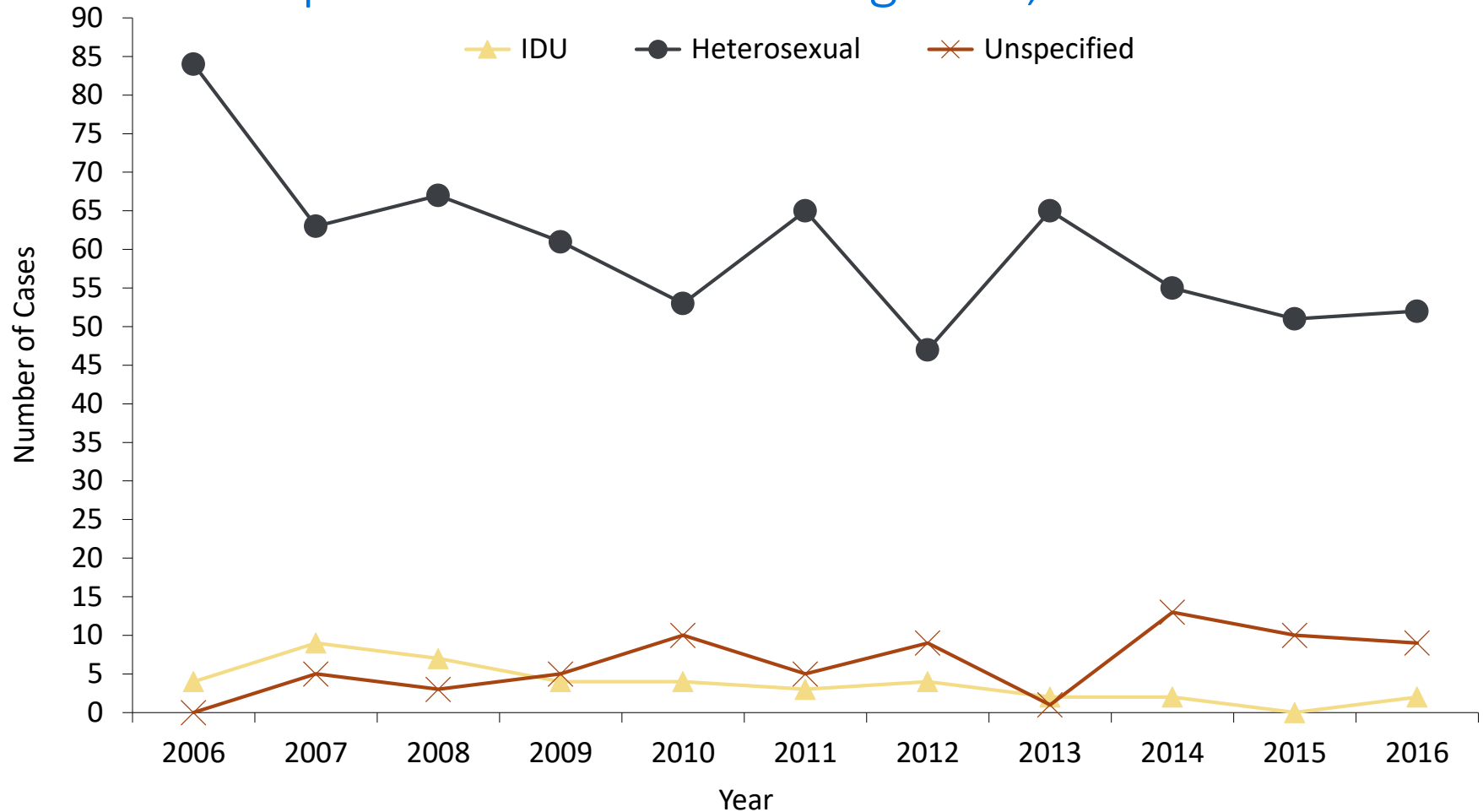
Heterosexual = Heterosexual contact

\* HIV or AIDS at first diagnosis

Unspecified = No mode of exposure ascertained



# HIV Diagnoses\* Among Females by Mode of Exposure and Year of Diagnosis, 2006 - 2016



IDU = Injecting drug use

Heterosexual = Heterosexual contact with HIV+, bisexual, IDU, hemophiliac/blood project or organ transplant recipient, or with partner with unknown risk

Unspecified = No mode of exposure ascertained

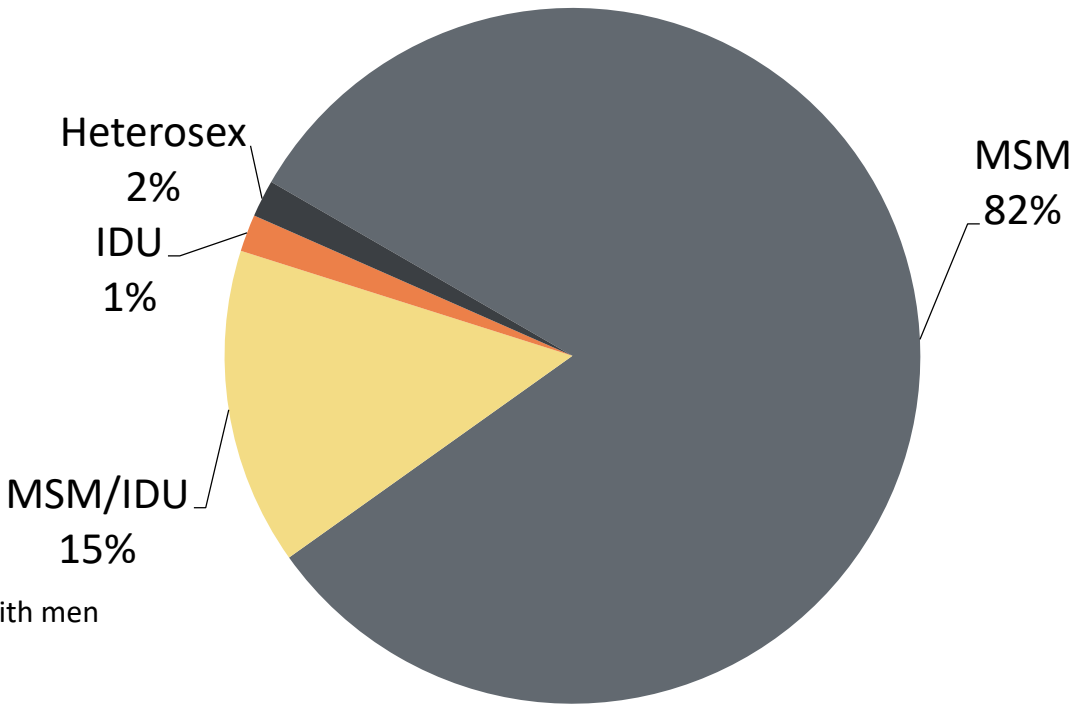
\* HIV or AIDS at first diagnosis





# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014–2016 combined

White Males (n = 336)



n = Number of persons

MSM = Men who have sex with men

IDU = Injecting drug use

Heterosex = Heterosexual contact

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

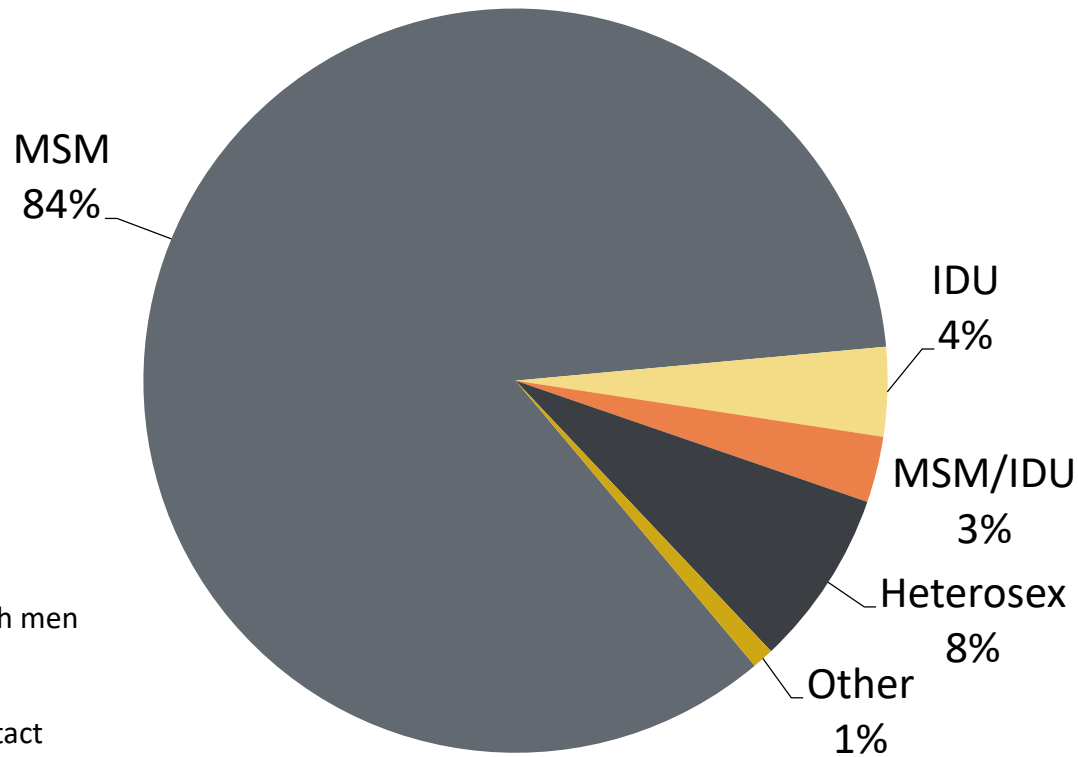
\* HIV or AIDS at first diagnosis

<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

African American Males<sup>††</sup> (n = 150)



n = Number of persons

MSM = Men who have sex with men

IDU = Injecting drug use

Heterosex = Heterosexual contact

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

\* HIV or AIDS at first diagnosis

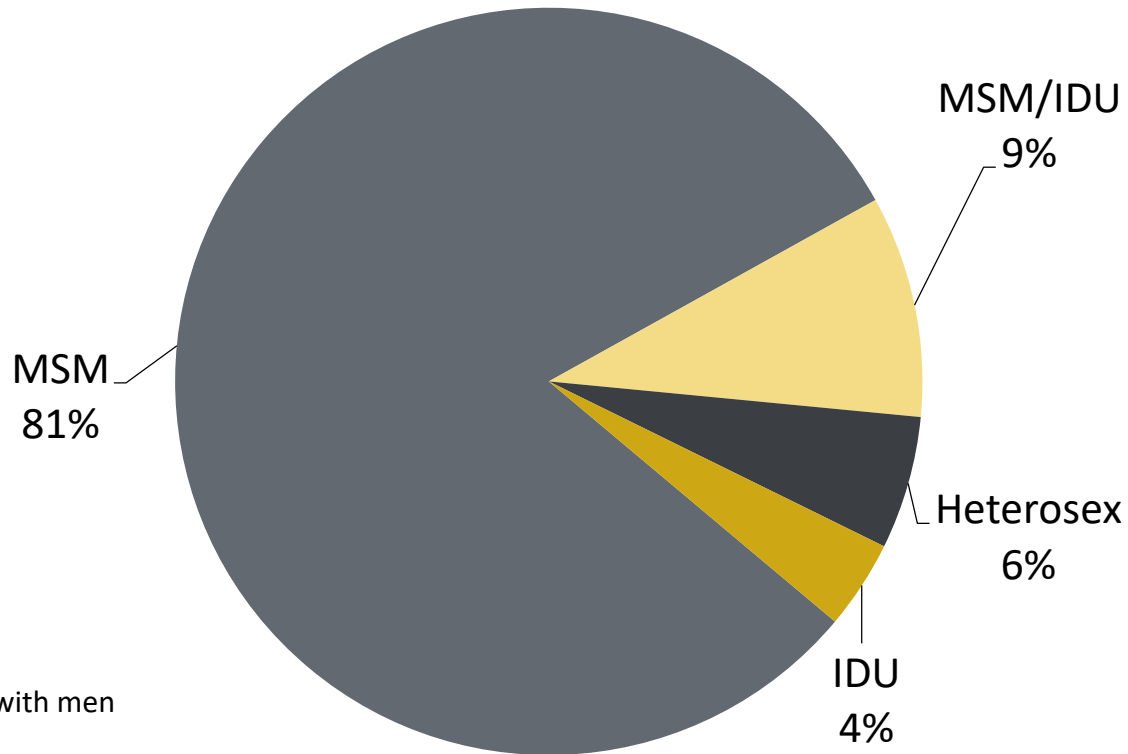
<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.

<sup>††</sup> Refers to Black, African American (not African-born) males.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

Hispanic Males (n = 73)



n = Number of persons

MSM = Men who have sex with men

IDU = Injecting drug use

Heterosex = Heterosexual contact

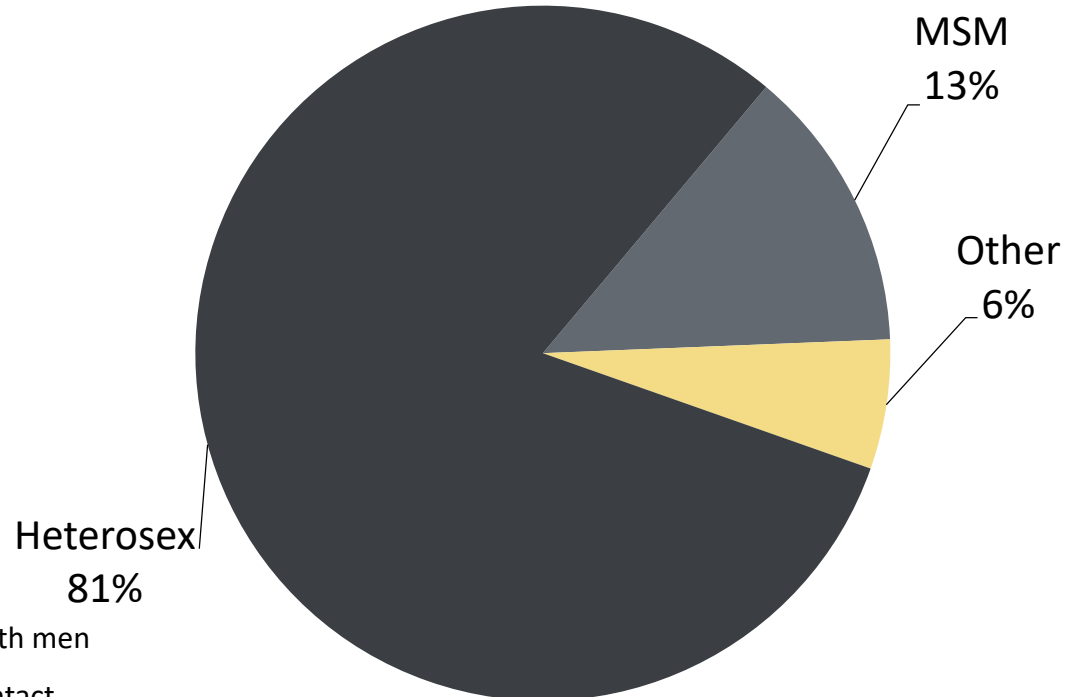
\* HIV or AIDS at first diagnosis

<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

African-born Males<sup>††</sup> (n = 83)



MSM = Men who have sex with men

Heterosex = Heterosexual contact

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

n = number of persons

HIV or AIDS at first diagnosis

<sup>†</sup> Mode of Exposure has been estimated for cases with unknown risk using the following: 5% - MSM, 90% - Heterosexual, and 5%-Other

For more detail see the HIV Surveillance Technical notes.

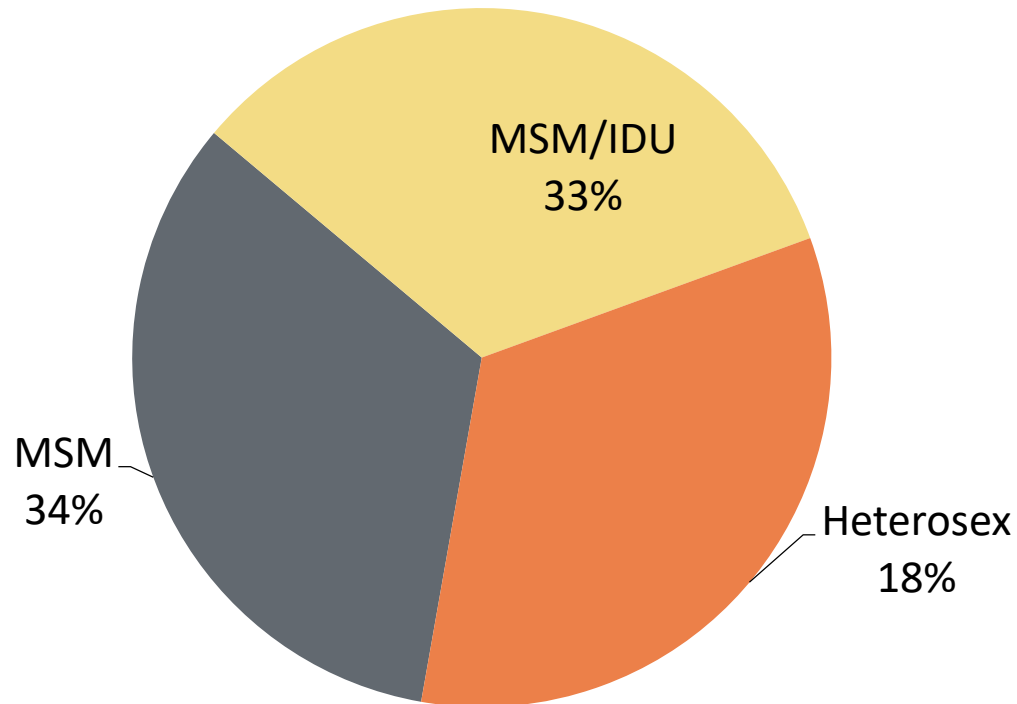
<sup>††</sup> Refers to Black, African-born males.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

American Indian Males (n = 3)

CAUTION: Small number of cases – interpret carefully.



n = Number of persons

MSM = Men who have sex with men

IDU = Injecting drug use

Heterosex = Heterosexual contact

\* HIV or AIDS at first diagnosis

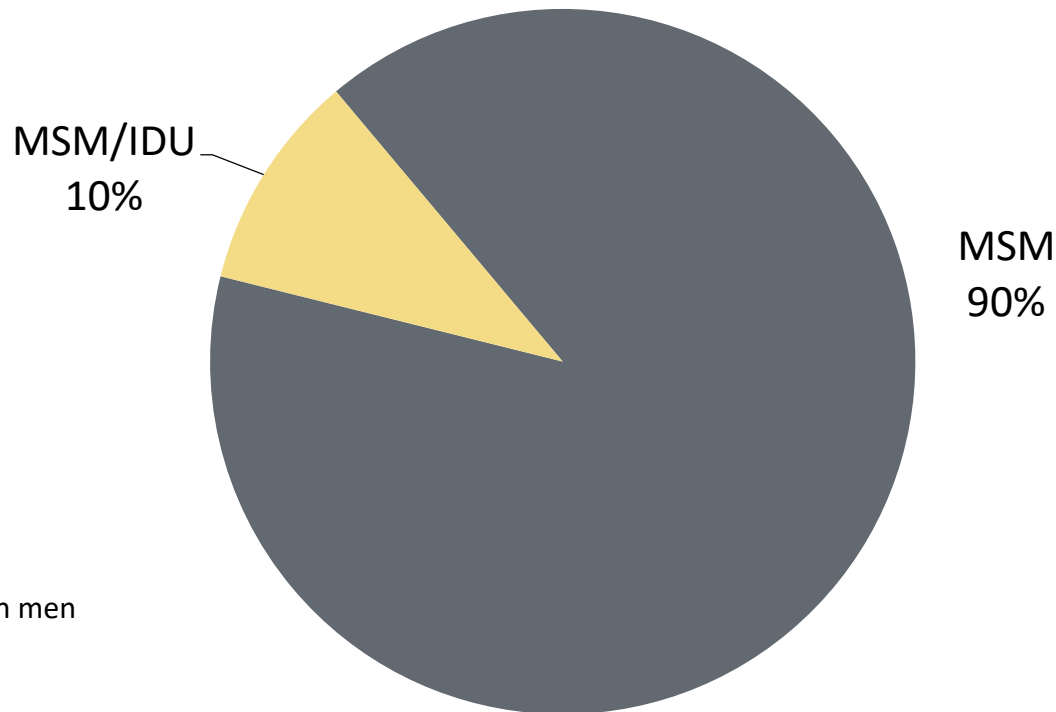
<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

Asian Males (n = 26)

CAUTION: Small number of cases – interpret carefully.



n = Number of persons

MSM = Men who have sex with men

IDU = Injecting drug use

Heterosex = Heterosexual contact

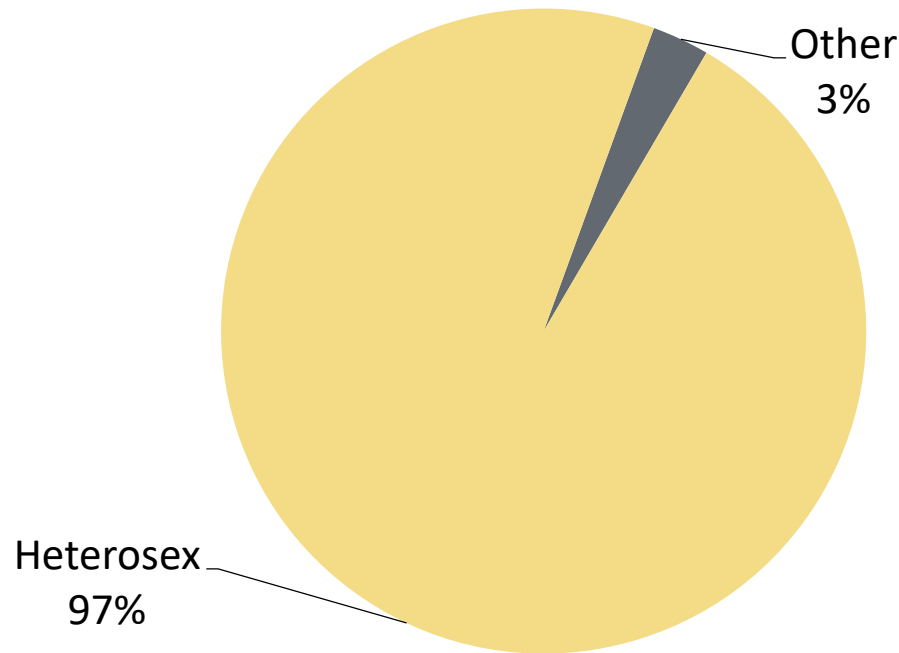
\* HIV or AIDS at first diagnosis

<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

African-born Females<sup>††</sup> (n = 101)



n = Number of persons

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

Heterosex = Heterosexual contact

\* HIV or AIDS at first diagnosis

<sup>†</sup> Mode of Exposure has been estimated for cases with unknown risk using the following: 95% - Heterosexual and 5%-Other.

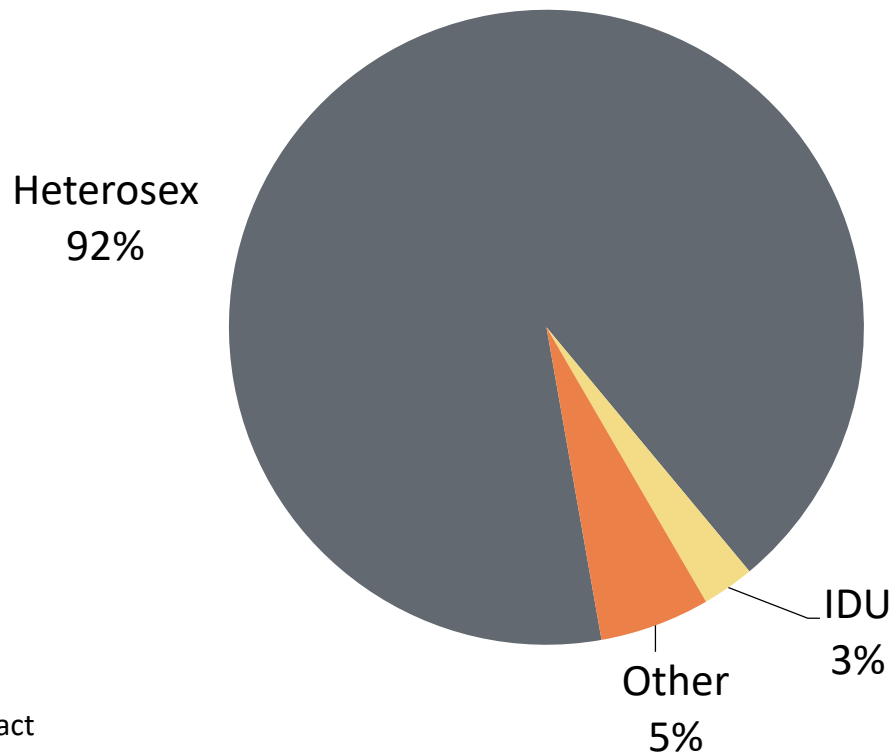
For more detail see the HIV Surveillance Technical notes.

<sup>††</sup> Refers to Black, African-born females.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

African American Females<sup>††</sup> (n = 45)



IDU = Injecting drug use

Heterosex = Heterosexual contact

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

n = Number of persons

\* HIV or AIDS at first diagnosis

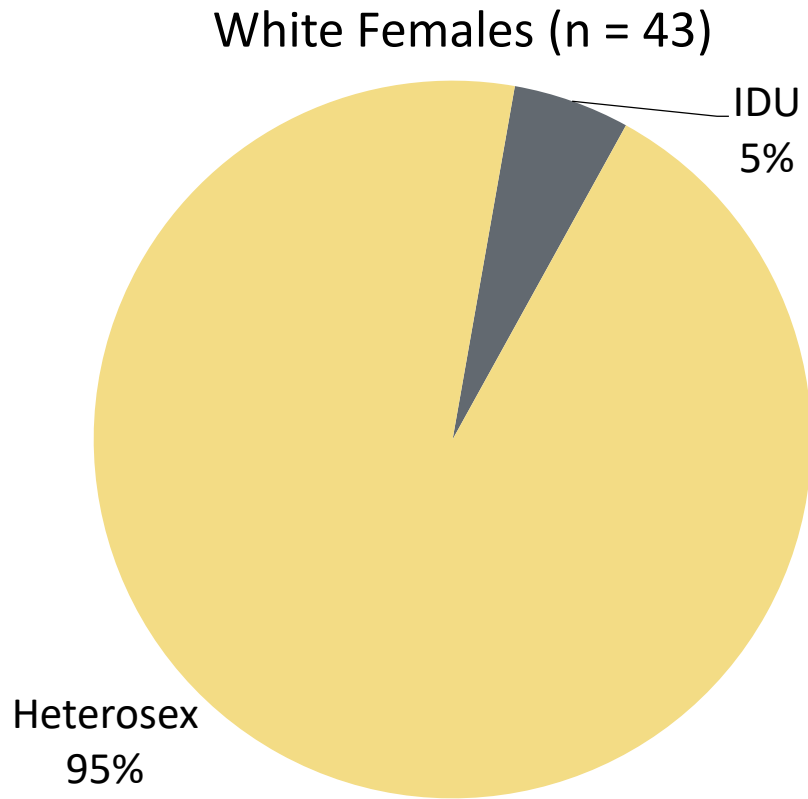
<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.

<sup>††</sup> Refers to Black, African American (not African-born) females.





# HIV Diagnoses\* by Estimated Mode of Exposure† 2014 - 2016 combined



n = Number of persons

IDU = Injecting drug use

Heterosex = Heterosexual contact

Other = Other risk, including perinatal

\* HIV or AIDS at first diagnosis

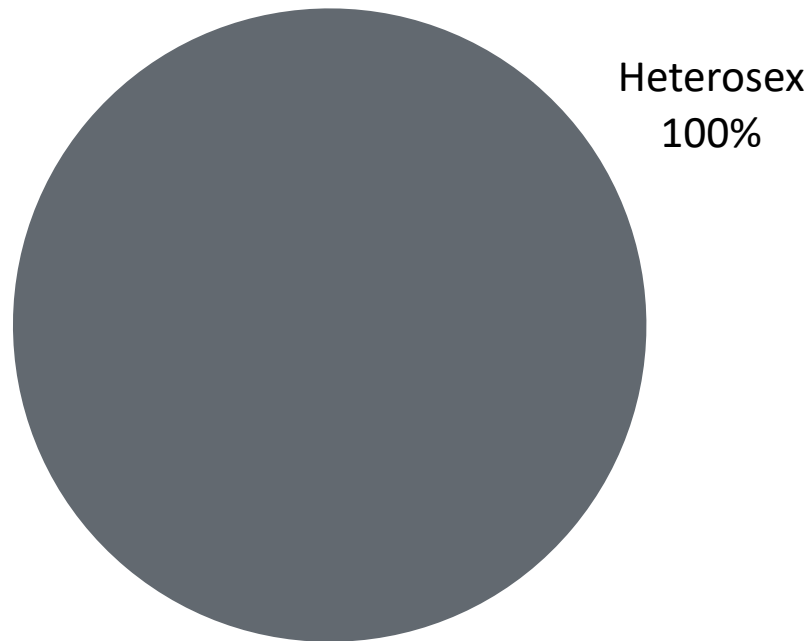
† Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure† 2014 - 2016 combined

Hispanic Females (n = 10)

CAUTION: Small number of cases – interpret carefully.



IDU = Injecting drug use

Heterosex = Heterosexual contact

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

n = Number of persons

\* HIV or AIDS at first diagnosis

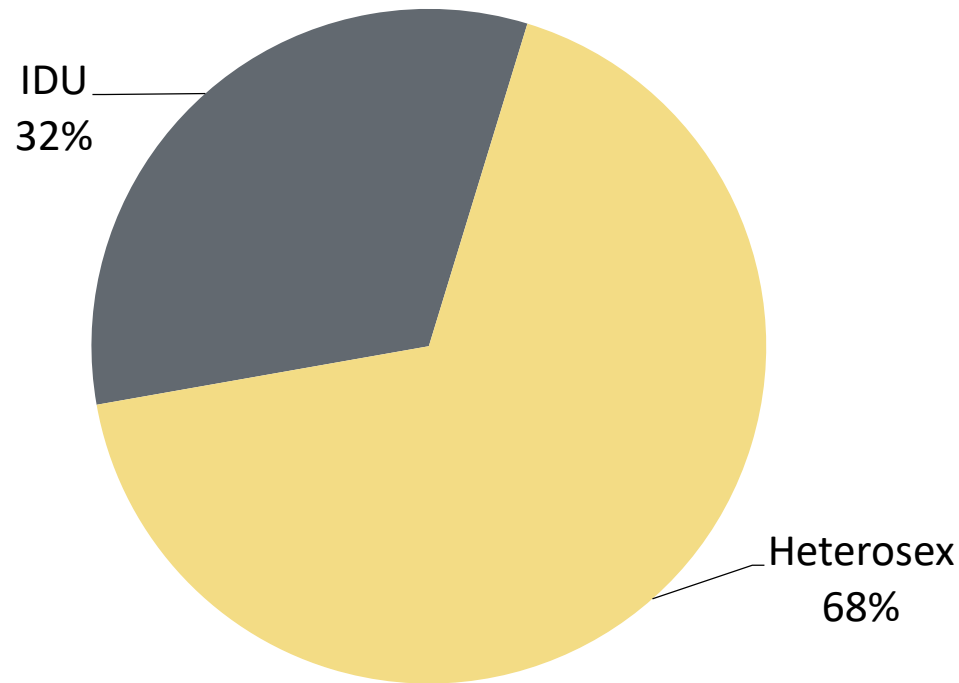
† Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

American Indian Females (n = 4)

CAUTION: Small number of cases – interpret carefully.



IDU = Injecting drug use

Heterosex = Heterosexual contact

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

n = Number of persons

\* HIV or AIDS at first diagnosis

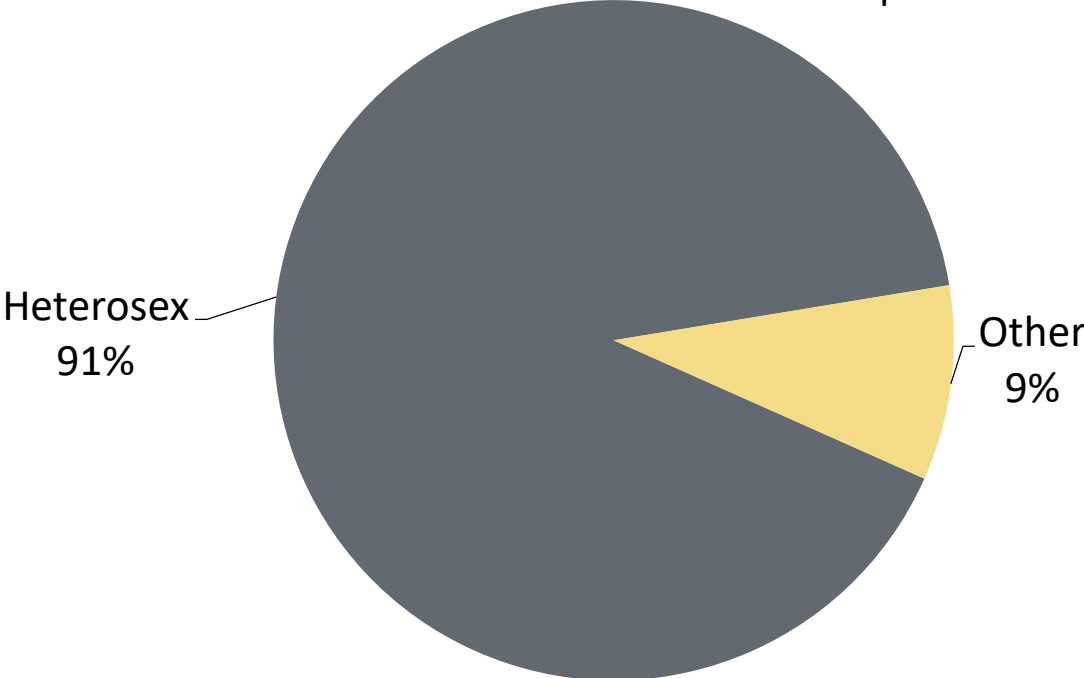
<sup>†</sup> Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.



# HIV Diagnoses\* by Estimated Mode of Exposure<sup>†</sup> 2014 - 2016 combined

Asian Females (n = 5)

CAUTION: Small number of cases – interpret carefully.



n = Number of persons

Other = Hemophilia, transplant, transfusion, mother w/ HIV or HIV risk

Heterosex = Heterosexual contact

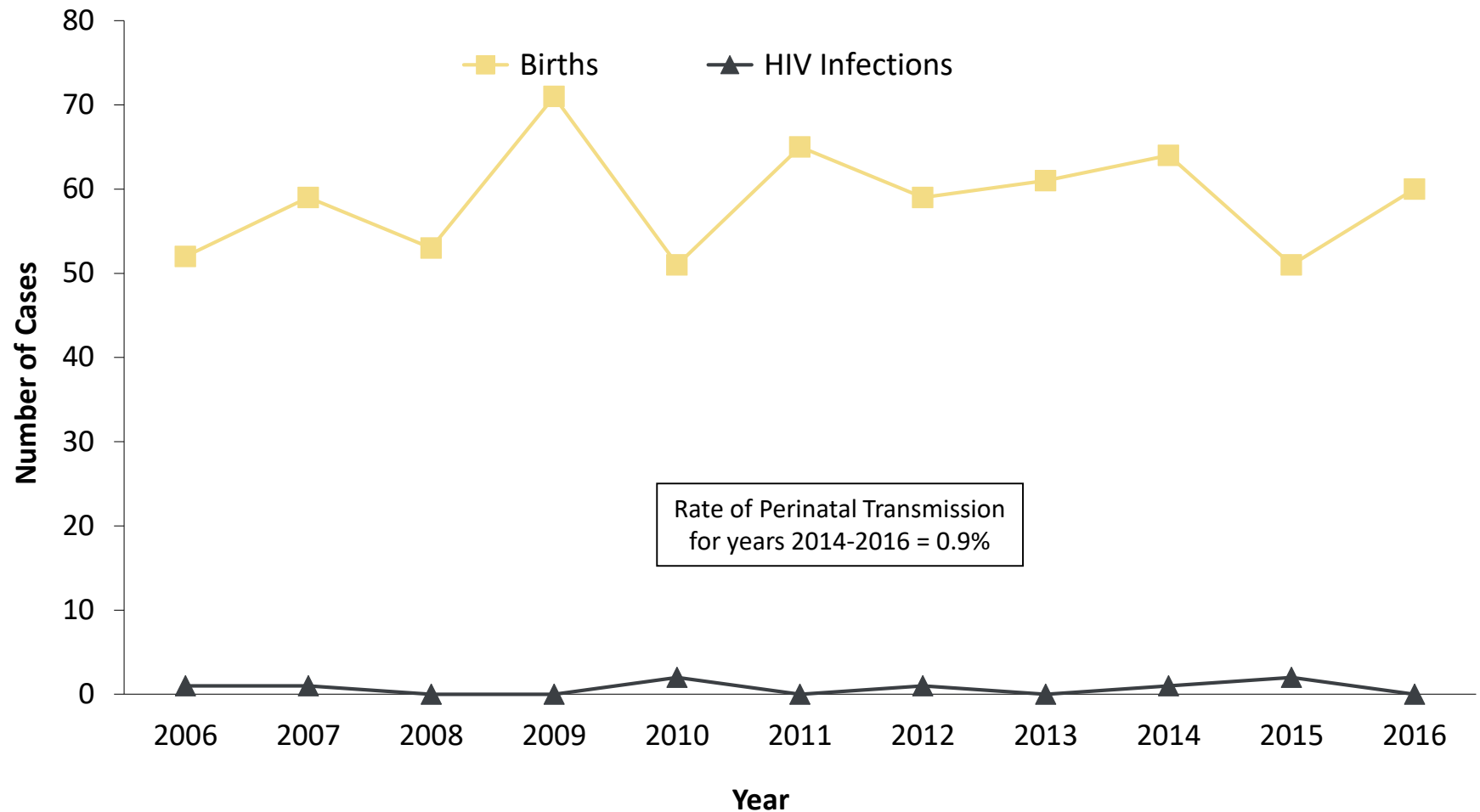
\* HIV or AIDS at first diagnosis

<sup>†</sup> Mode of Exposure has been estimated for cases with unknown risk using the following: 95% - Heterosexual and 5%-Other.

For more detail see the HIV Surveillance Technical notes.



# Births to HIV-Infected Women and Number of Perinatally Acquired HIV Infections\* by Year of Birth, 2006 - 2016



\* HIV or AIDS at first diagnosis for a child exposed to HIV during mother's pregnancy, at birth, and/or during breastfeeding.

# Adolescents & Young Adults (Ages 13-24)\*



# HIV Diagnoses\* Among Adolescents and Young Adults† by Gender and Year, 2006 - 2016



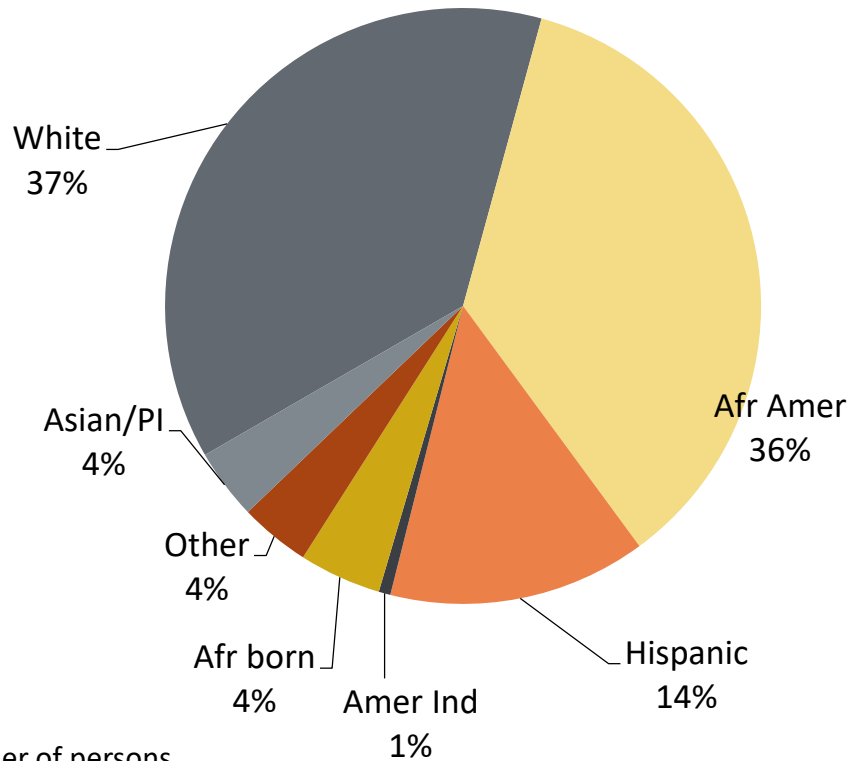
\* HIV or AIDS at first diagnosis

† Adolescents defined as 13-19 year-olds; Young Adults defined as 20-24 year-olds.

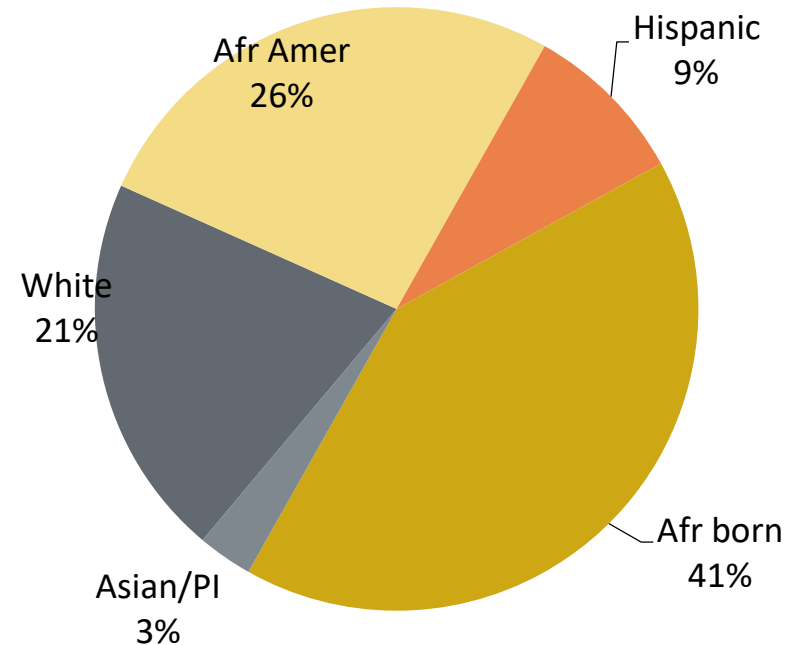


# HIV Diagnoses\* Among Adolescents and Young Adults† by Gender and Race/Ethnicity, 2014 - 2016 Combined

## Males (n = 157)



## Females (n = 34)



n = Number of persons

\* HIV or AIDS at first diagnosis

† Adolescents defined as 13-19 year-olds; Young Adults defined as 20-24 year-olds.

Amer Ind = American Indian

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

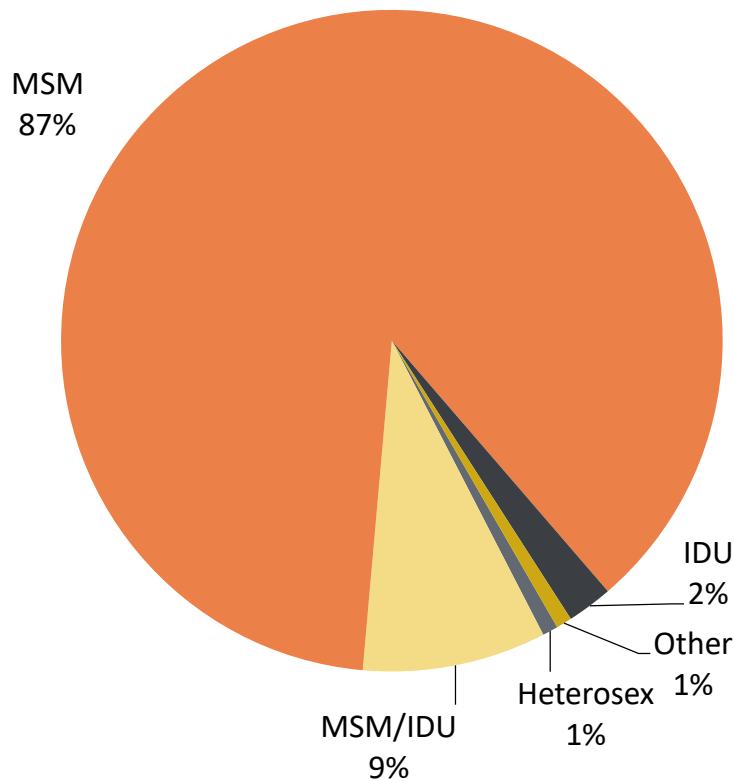
Afr born = African-born (Black, African-born persons)

Other = Multi-racial persons or persons with unknown race

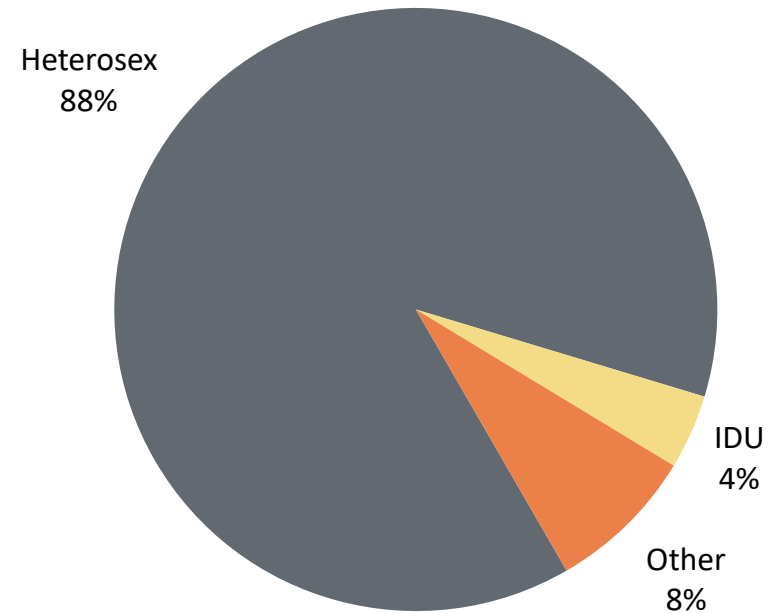


# HIV Diagnoses\* Among Adolescents and Young Adults† by Gender and Estimated Exposure Group#, 2014 - 2016 Combined

Males (n = 157)



Females (n = 34)



\* HIV or AIDS at first diagnosis

† Adolescents defined as 13-19 year-olds; Young Adults defined as 20-24 year-olds.

# Mode of Exposure proportions have been estimated using cases for 2014-2016 with known risk. For more detail see the HIV Surveillance Technical notes.

n = Number of persons

MSM = Men who have sex with men

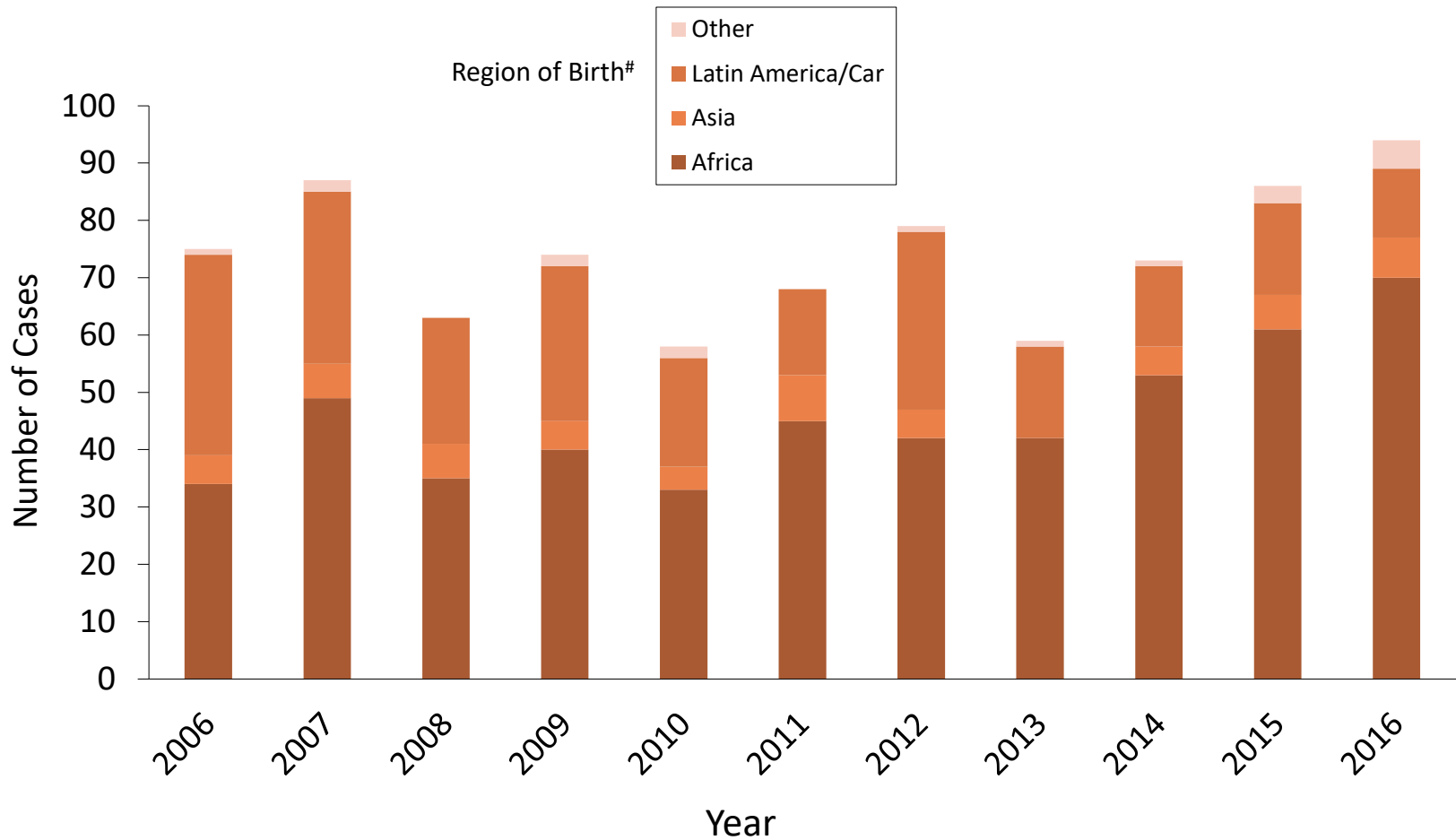
IDU = Injecting drug use

Heterosex = Heterosexual contact

# Foreign-born Cases



# HIV Diagnoses\* among Foreign-Born Persons† in Minnesota by Year and Region of Birth, 2006 - 2016



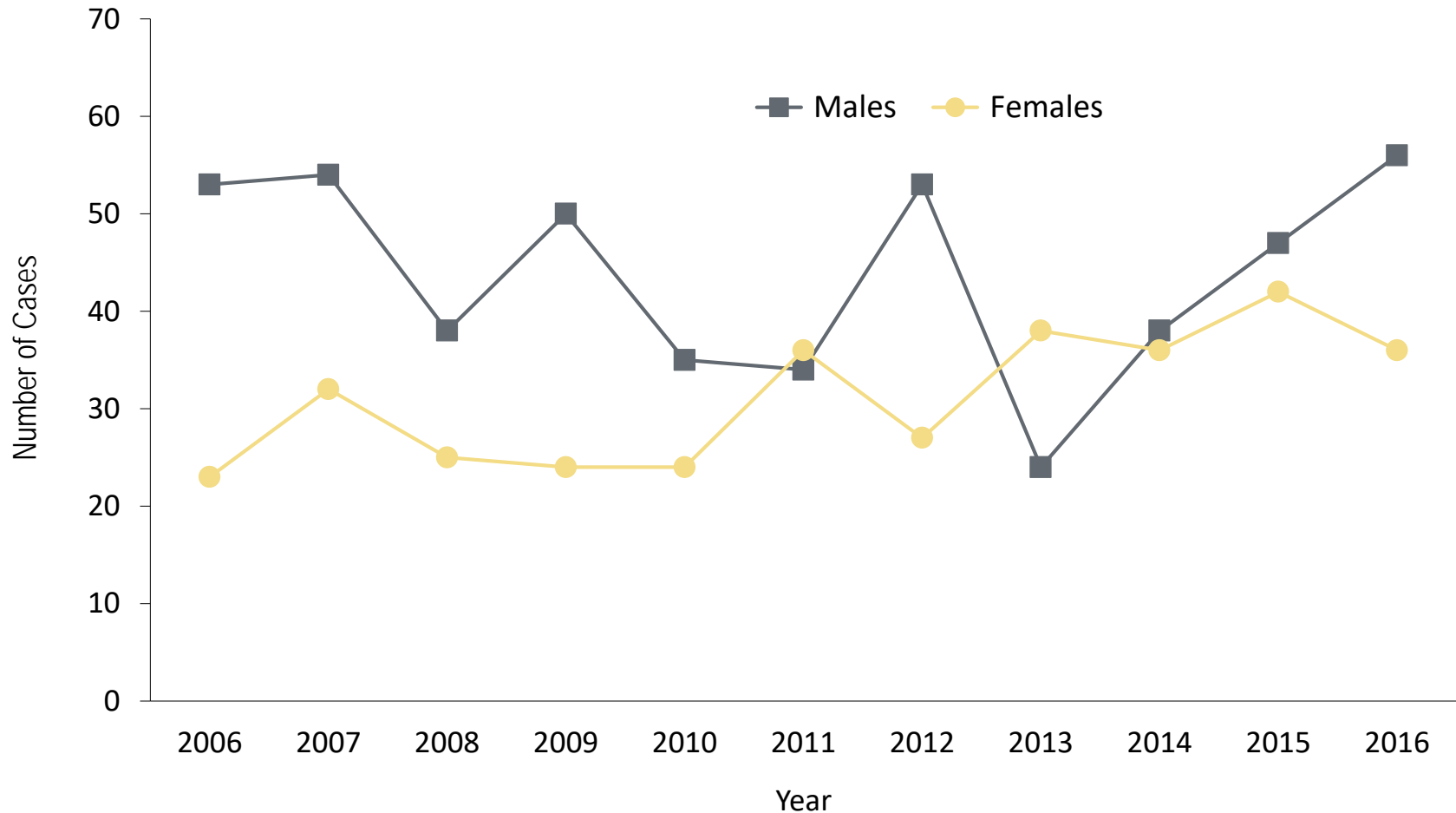
\* HIV or AIDS at first diagnosis

† Excludes persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

# Latin America/Car includes Mexico and all Central, South American, and Caribbean countries.



# HIV Diagnoses\* Among Foreign-Born Persons<sup>†</sup> by Gender and Year, 2006 – 2016



\*HIV or AIDS at first diagnosis

<sup>†</sup> Excludes persons arriving in Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.



# Countries of Birth Among Foreign-Born Persons<sup>†</sup> Diagnosed with HIV\*, Minnesota, 2016

- Liberia (n=24)
- Ethiopia (n=11)
- Somalia (n=9)
- Mexico (n=8)
- Kenya (n=7)
- Nigeria (n=5)
- Cameroon (n=4)
- Viet Nam (n=3)
- Togo (n=2)
- Tanzania (n=2)
- Other<sup>^</sup> (n=19)

\* HIV or AIDS at first diagnosis

<sup>†</sup> Excludes persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

<sup>^</sup> Includes 17 additional countries and 2 not specified.

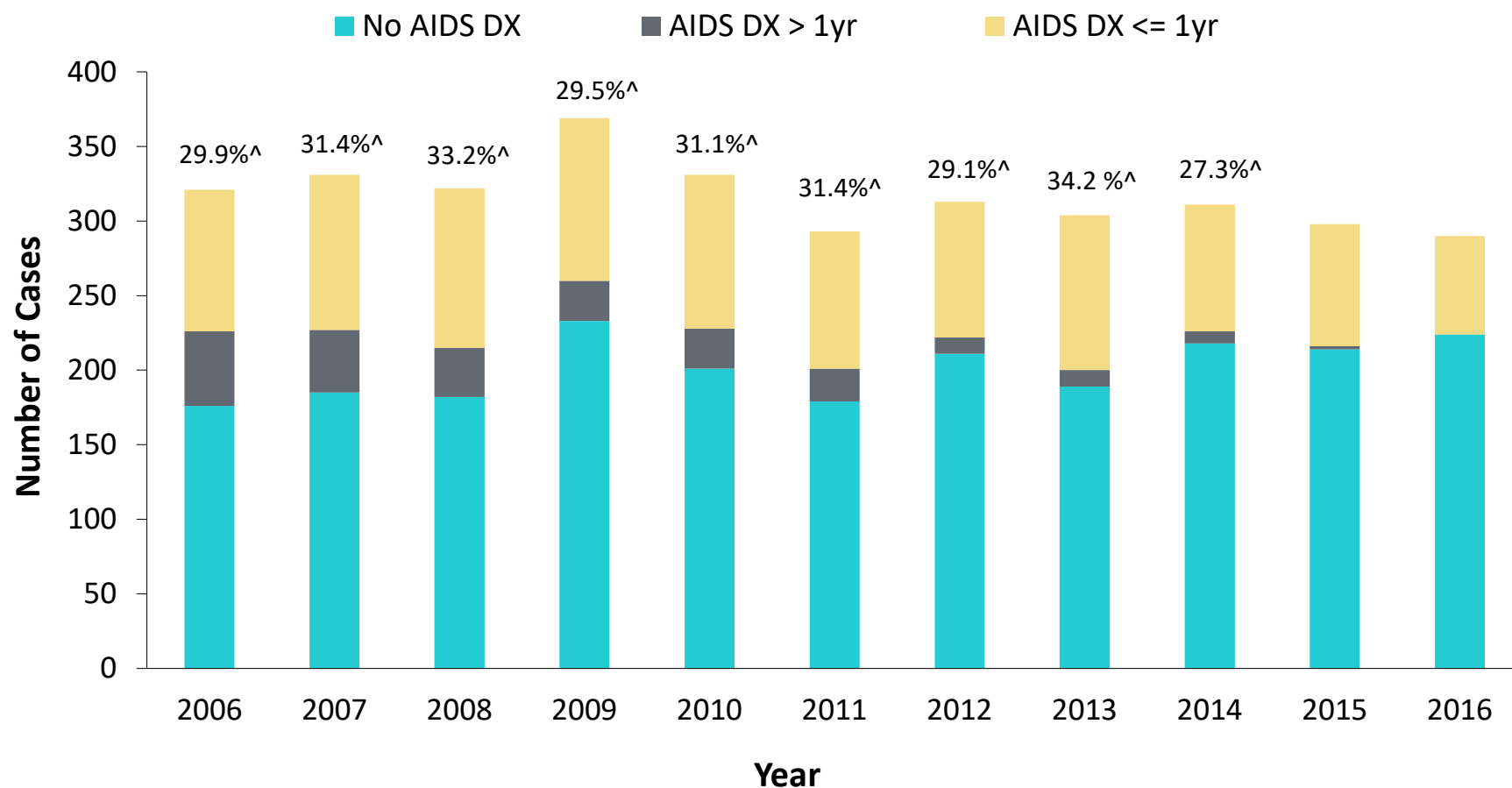


# Late Testers

**(AIDS Diagnosis within one year of initial HIV Diagnosis)**



# Time of Progression to AIDS for HIV Diagnoses in Minnesota\*, 2006 - 2016<sup>†</sup>



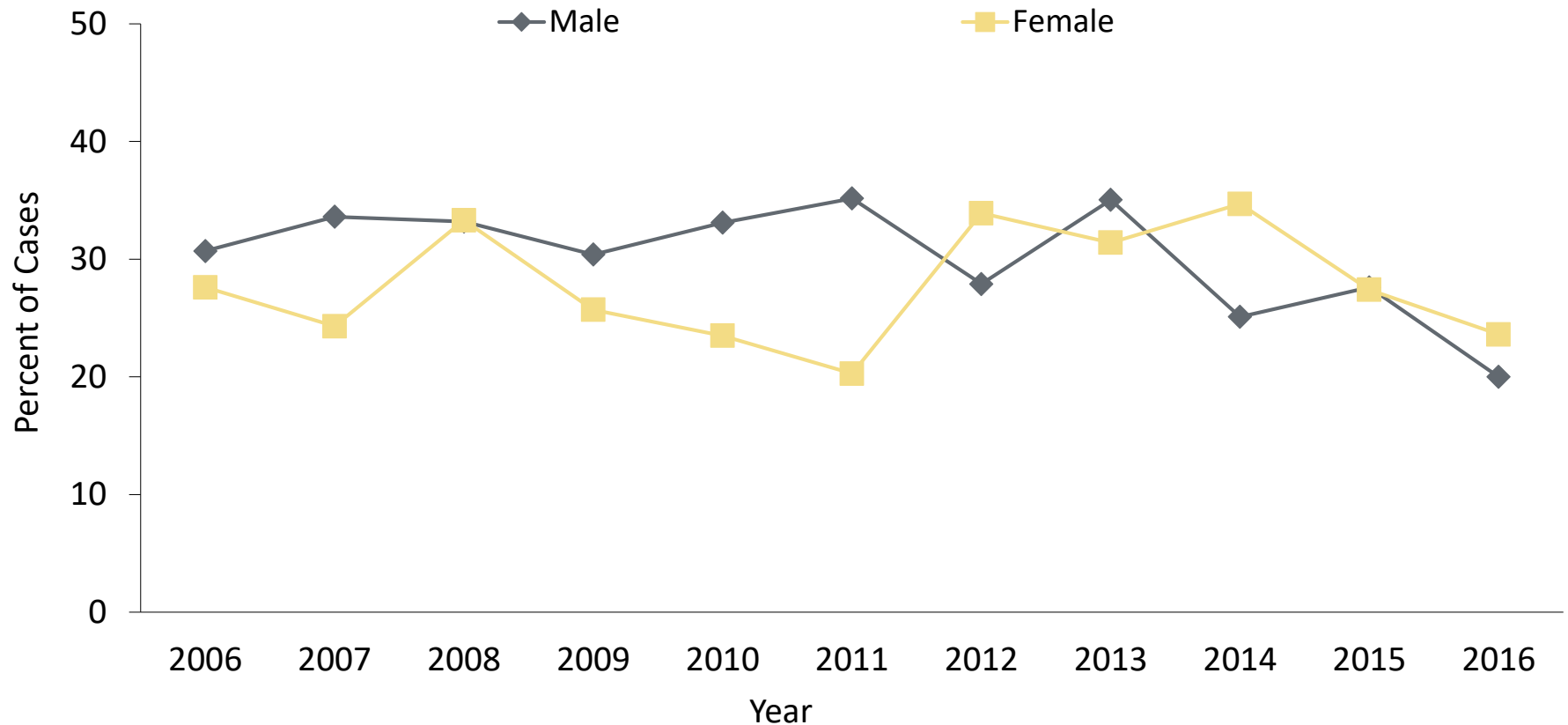
\*Numbers include AIDS at 1<sup>st</sup> report but exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

<sup>^</sup> Percent of cases progressing to AIDS within one year of initial diagnosis with HIV

<sup>†</sup> Numbers/Percent for cases diagnosed in 2016 only represents cases progressing to AIDS through March 20, 2017.



# Progression to AIDS within 1 year of initial HIV Diagnosis\* by Sex at Birth, 2006 - 2016<sup>†</sup>



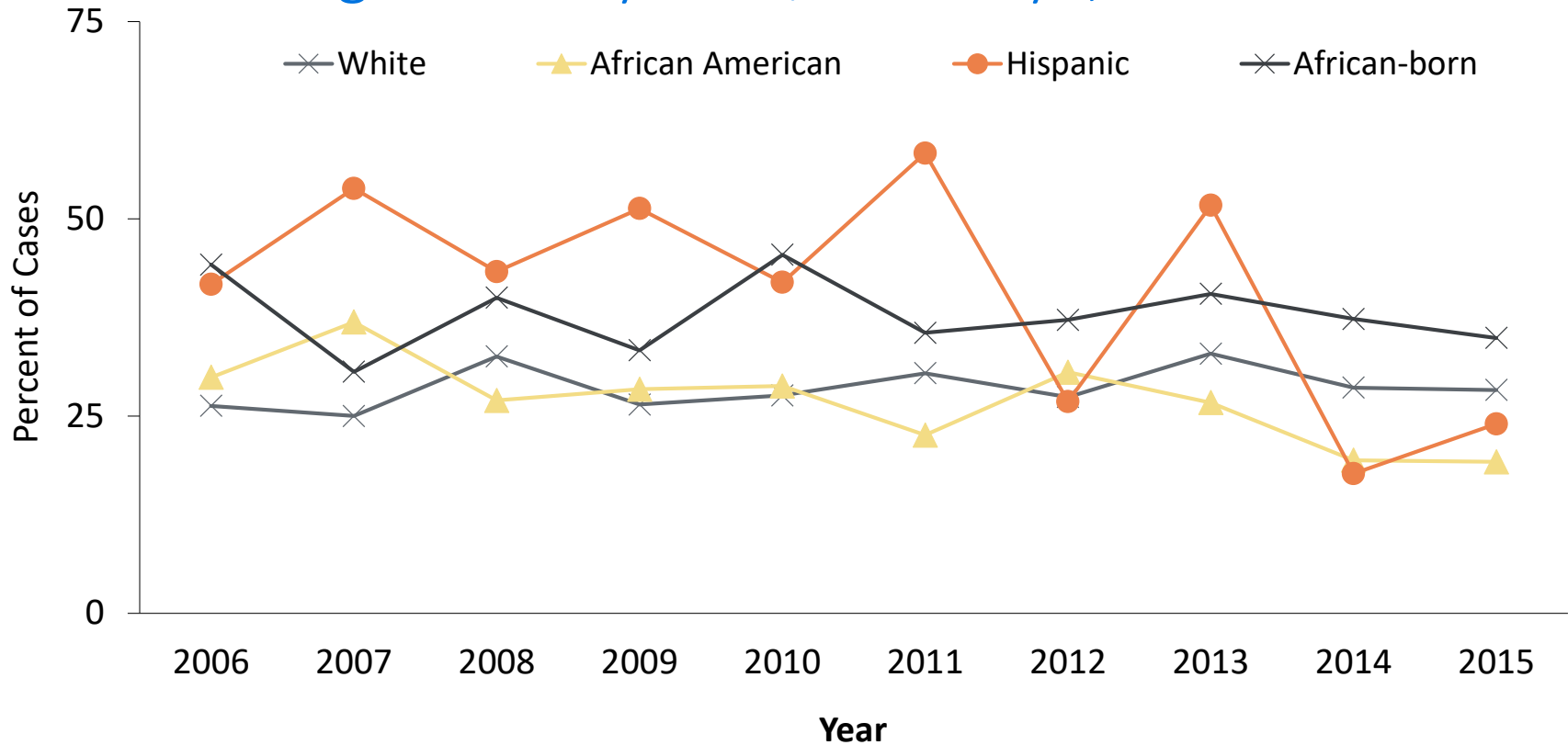
\*Numbers include AIDS at 1<sup>st</sup> report but exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

<sup>†</sup> Numbers/Percent for cases diagnosed in 2016 only represents cases progressing to AIDS through March 20, 2017.





# Progression to AIDS within 1 year of initial HIV Diagnoses\* by Race/Ethnicity<sup>^</sup>, 2006 - 2016<sup>†</sup>



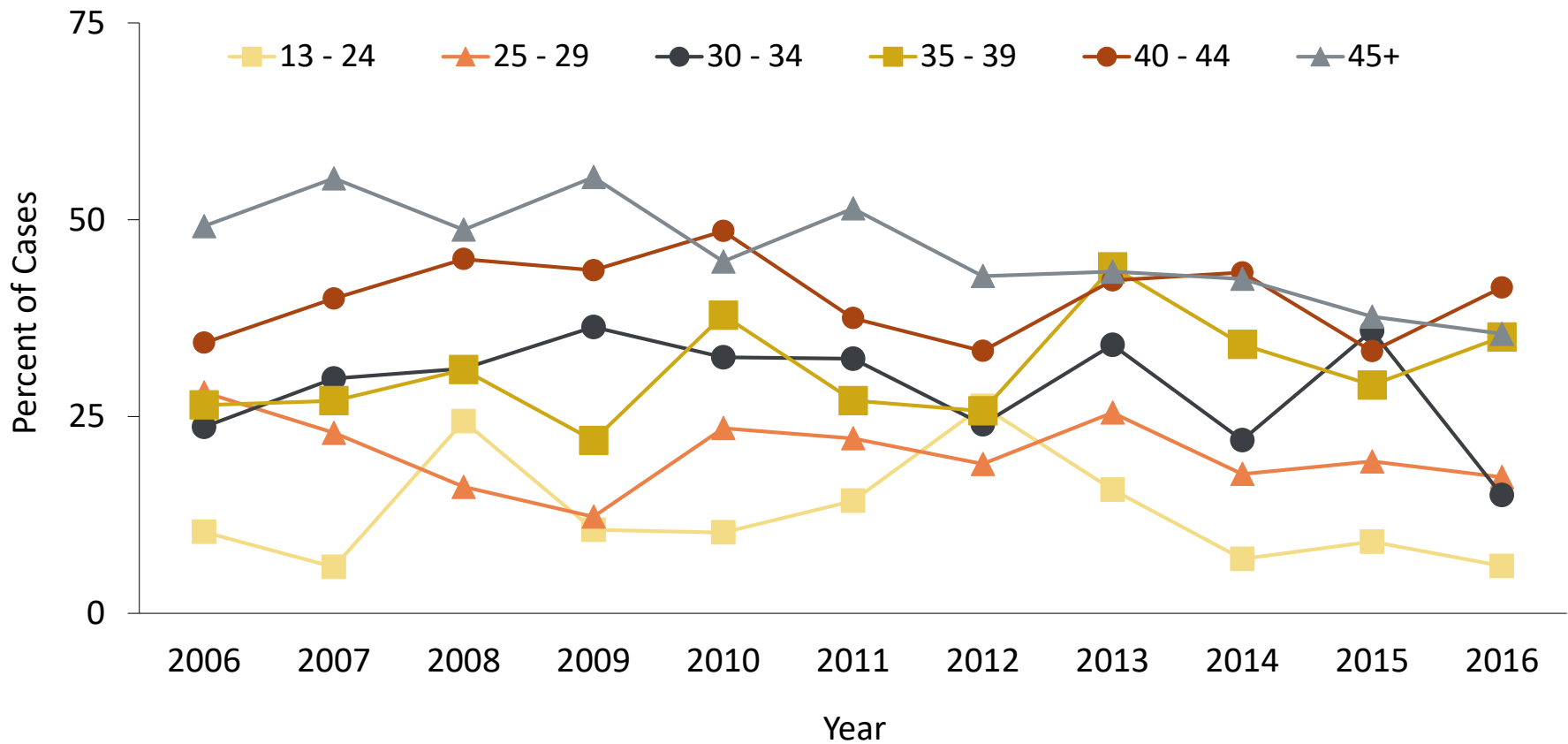
\*Numbers include AIDS at 1<sup>st</sup> report but exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

<sup>†</sup> Numbers/Percent for cases diagnosed in 2015 only represents cases progressing to AIDS through March 20, 2017.

<sup>^</sup>Percentage not calculated if less than 10 cases diagnosed per year



# Progression to AIDS within 1 year of initial HIV Diagnosis\* by Age, 2006 - 2016†

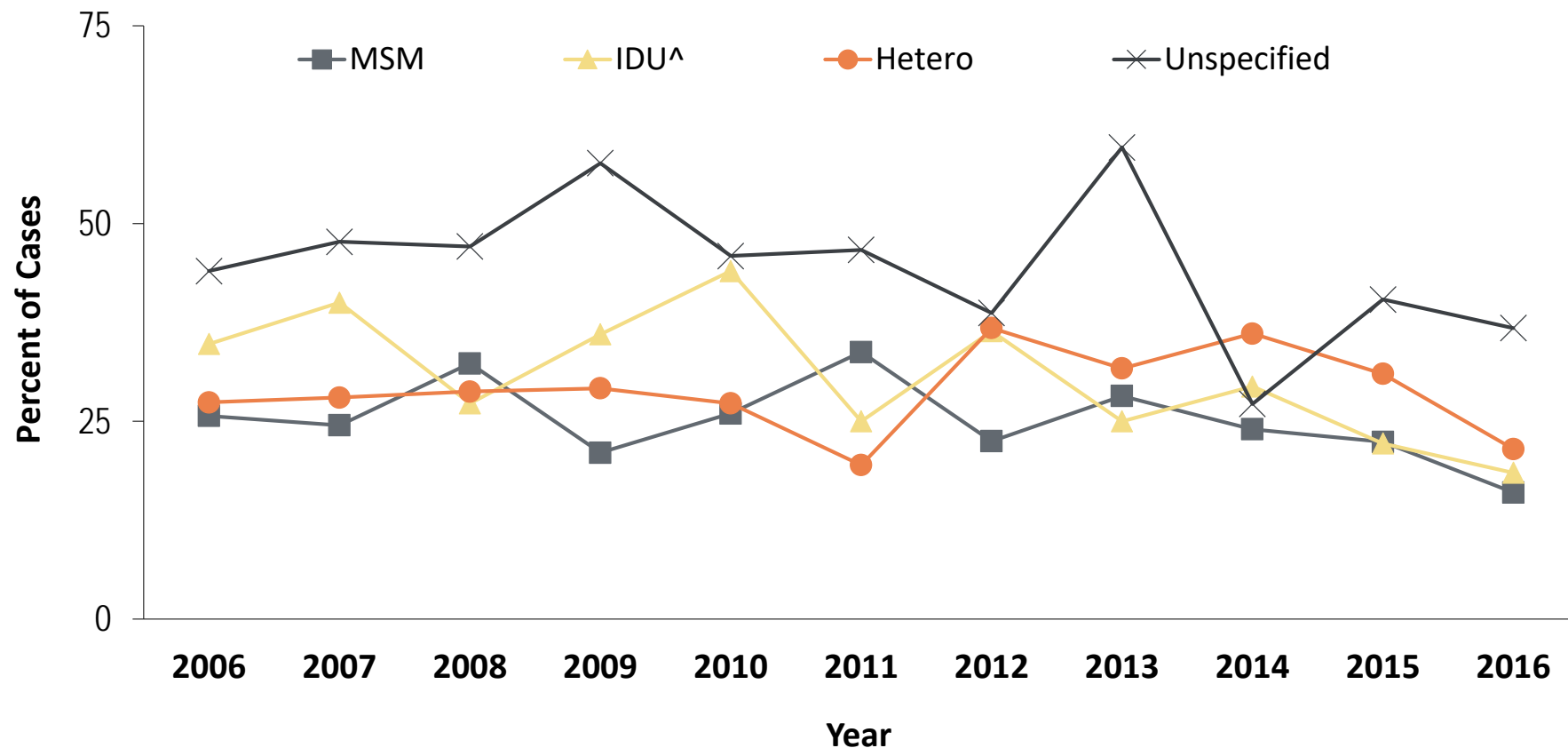


\*Numbers include AIDS at 1<sup>st</sup> report but exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

† Numbers/Percent for cases diagnosed in 2015 only represents cases progressing to AIDS through April 6, 2016.



## Progression to AIDS within 1 year of initial HIV Diagnosis\* by Mode of Transmission, 2005 - 2015<sup>†</sup>



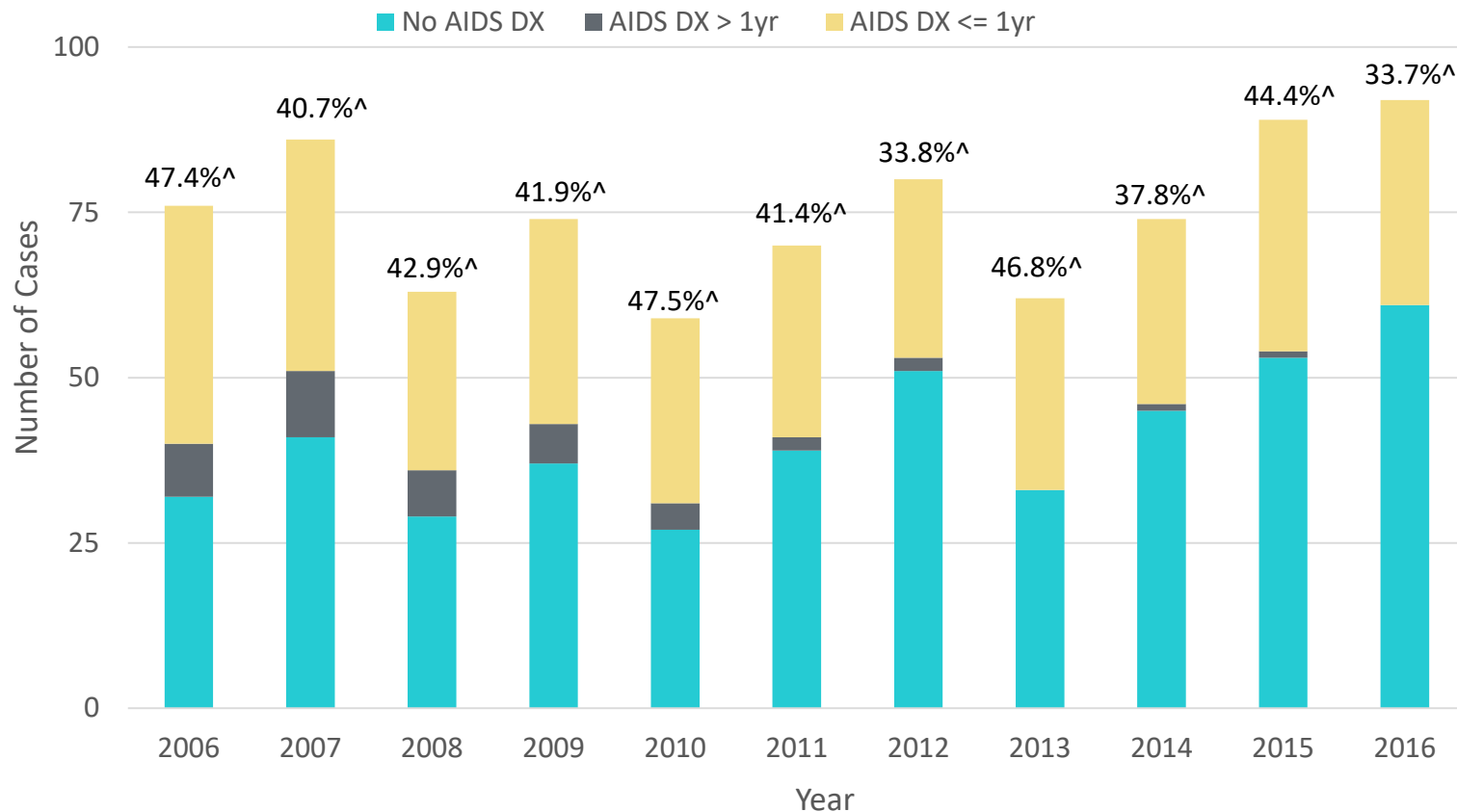
\*Numbers include AIDS at 1<sup>st</sup> report but exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

<sup>†</sup> Numbers/Percent for cases diagnosed in 2016 only represents cases progressing to AIDS through March 20, 2017.

<sup>^</sup>Includes MSM/IDU



# Time of Progression to AIDS for HIV Diagnoses\* Among Foreign-Born Persons, Minnesota 2006 - 2016<sup>†</sup>



\*Numbers include AIDS at 1<sup>st</sup> report but exclude persons arriving to Minnesota through the HIV+ Refugee Resettlement Program, as well as other refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

<sup>^</sup> Percent of cases progressing to AIDS within one year of initial diagnosis with HIV

<sup>†</sup> Numbers/Percent for cases diagnosed in 2015 only represents cases progressing to AIDS through April 6, 2016.