

2018 HIV/AIDS Epidemiology Update

2017 Data

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Primary Sources

- Evaluation HIV/AIDS Reporting System (EHARS) – Collects infection data from all legally bound reporting sources throughout the State.
- 2017 Delaware Population Consortium
- 2016 CDC HIV/AIDS Surveillance Report

Questions

- Special data request must be made through HIV/AIDS Surveillance Coordinator James Dowling
 - Phone – (302)744-1016
 - Email – james.dowling@state.de.us
 - (special data is that which is not specifically covered in the following slides)

HIV/AIDS Trends in Delaware

**3,547 living cases of HIV/AIDS
(December 2017)**

Delaware infected

1 out of every 273 (n = 3,547)

Rate – 366.49

--AA = 1/101 (n = 2,106)

Rate – 992.75

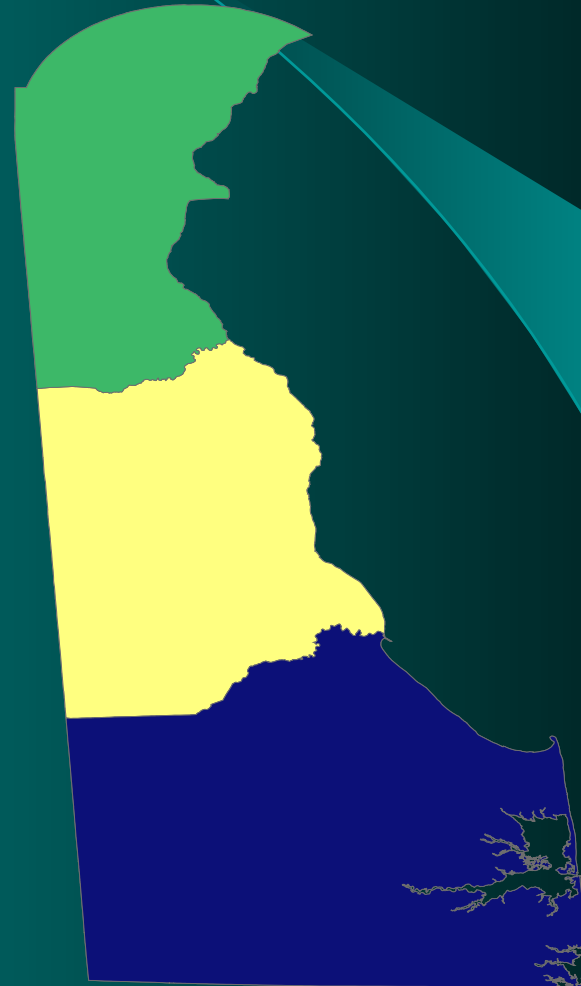
--White = 1/569 (n = 1,095)

Rate – 182.50

--Hispanic = 1/387 (n = 255)

Rate – 278.58

(ratios based on latest
available DE Population Consortium
Estimates and reported
Living HIV/AIDS cases)
Prevalence Rates = per 100,000



Gender Groups

TRENDS IN HIV/AIDS IN DE

● Gender

--Males - 48% of Delaware's population, yet
72% of all HIV/AIDS cases through 2017

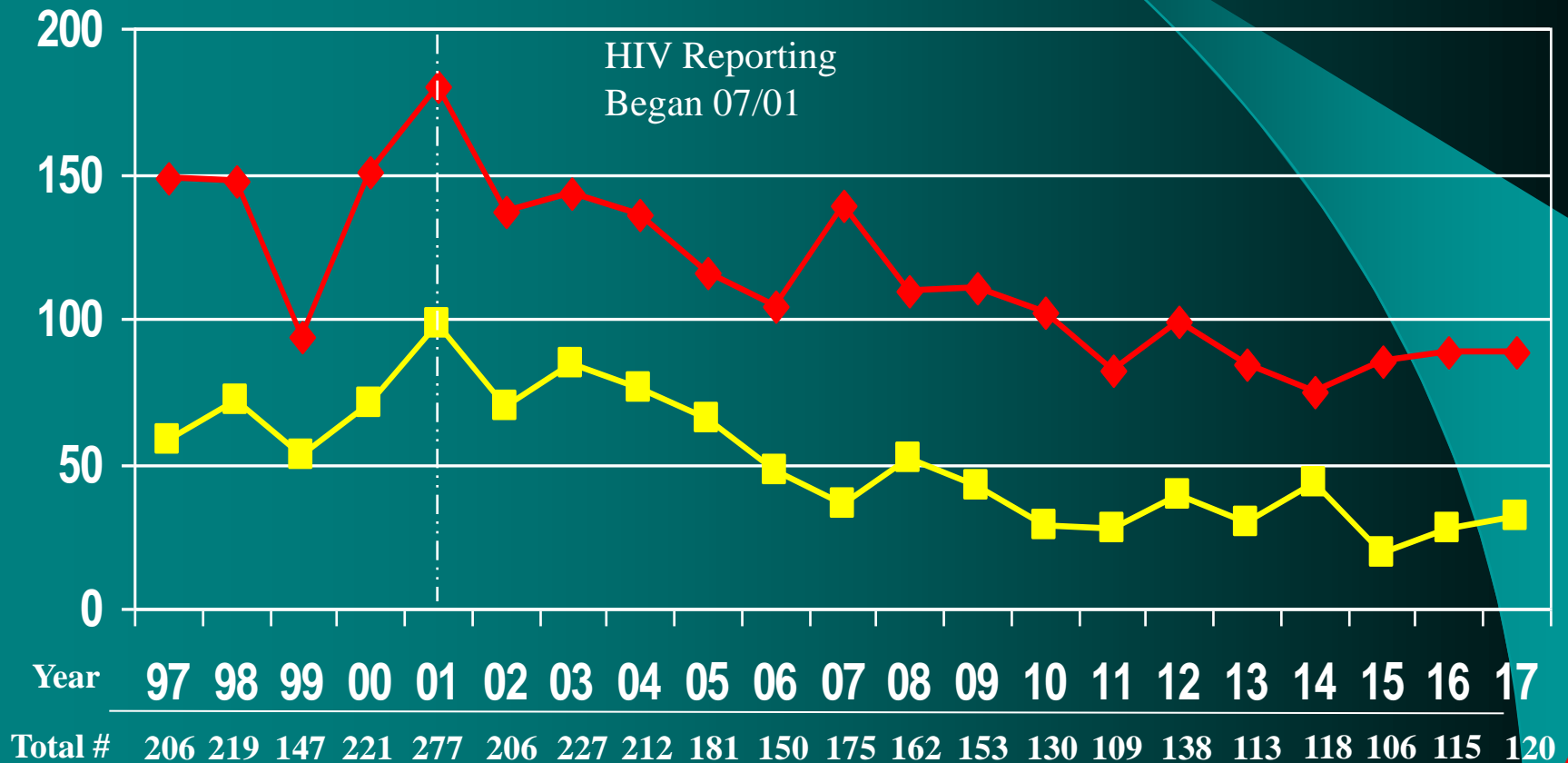
--Females - 52% of Delaware's population, 28% of
all reported Delaware cases through
2017



New Infections in Delaware by gender 1997 - 2017

Note: Data perspective change from number of HIV cases and number AIDS cases to the number of New Infections

Male Female



Race Ethnicity Groups

TRENDS IN DE (Cont)

- **Ethnicity**

- African Americans (disproportionately high HIV/AIDS rate)

- 44% cases attributed to African-Americans in the late 80s---**Stands at 65% at the end of 2017 despite being 21% of Delaware's population**

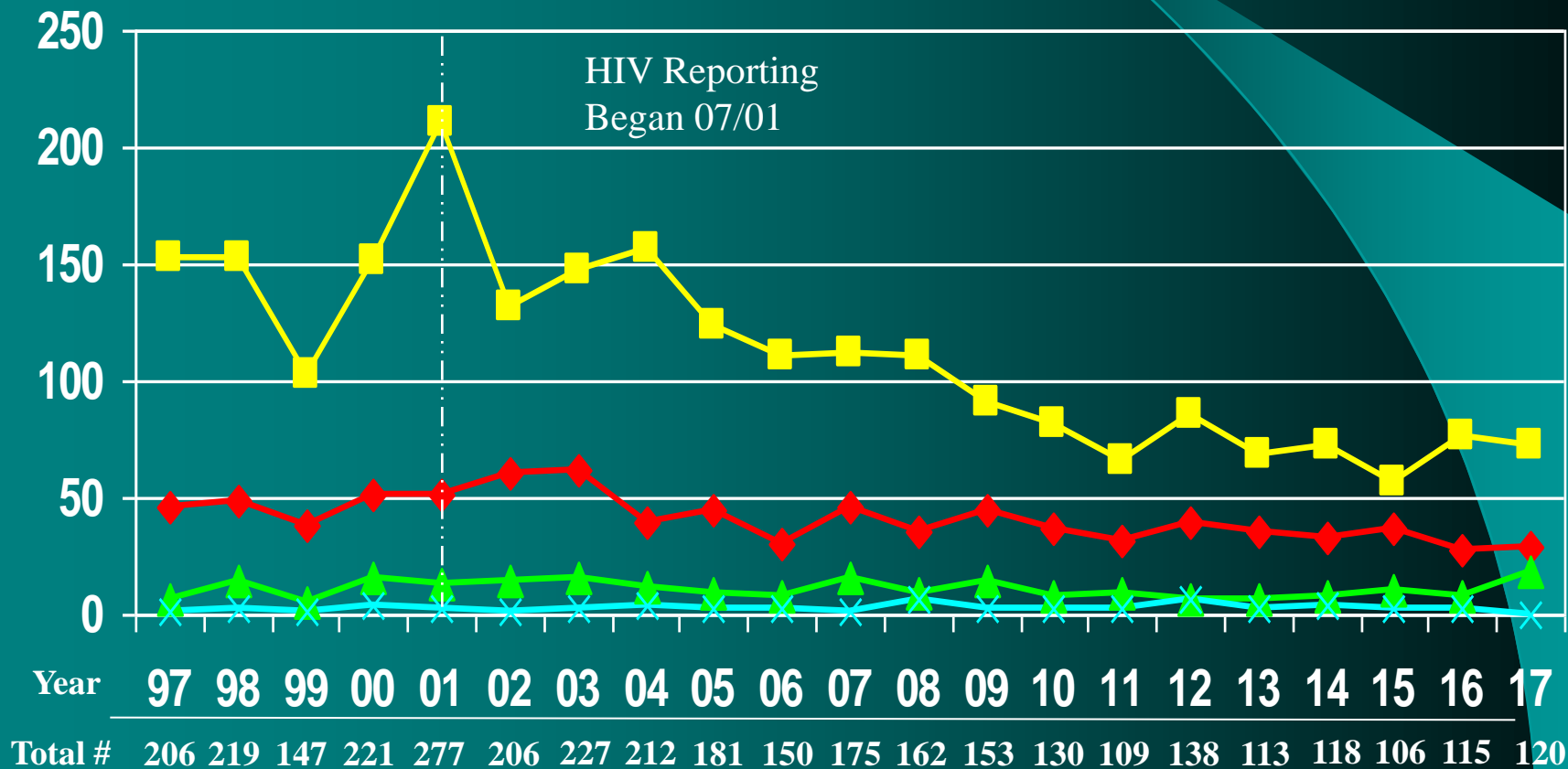


New Infections Diagnosed in Delaware

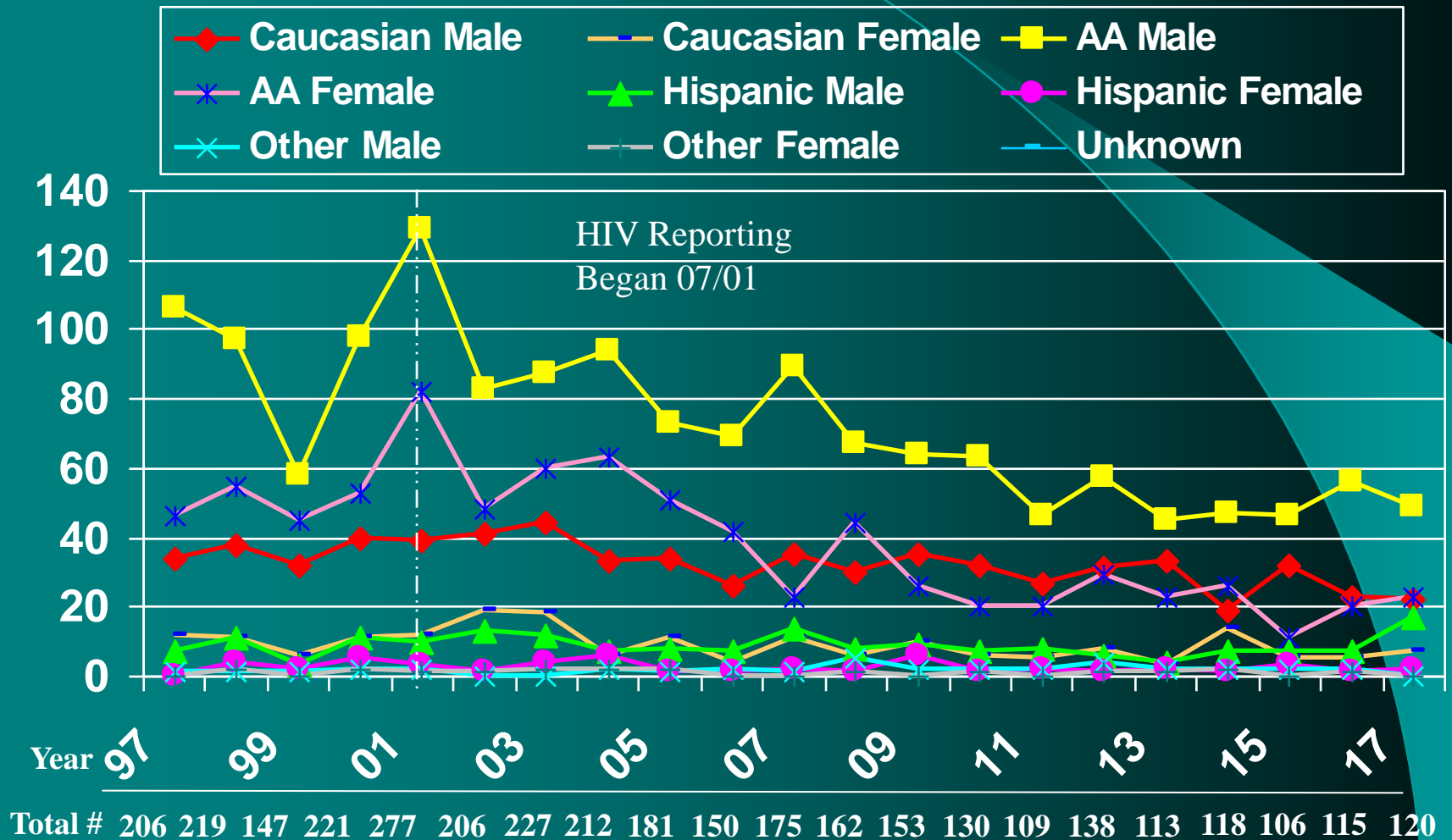
Race/Ethnic Groups, 1997-2017

—◆— Caucasian —■— AA —▲— Hispanic —×— Other

NOTE: Other = Am Indian, Native Alaskan Asian, Native Hawaiian and Multi Race



New Infections Diagnosed in Delaware by Gender and Race/Ethnic Groups, 1997-2017



Age Groups

TRENDS IN DE (Cont)

● AGE

HIV

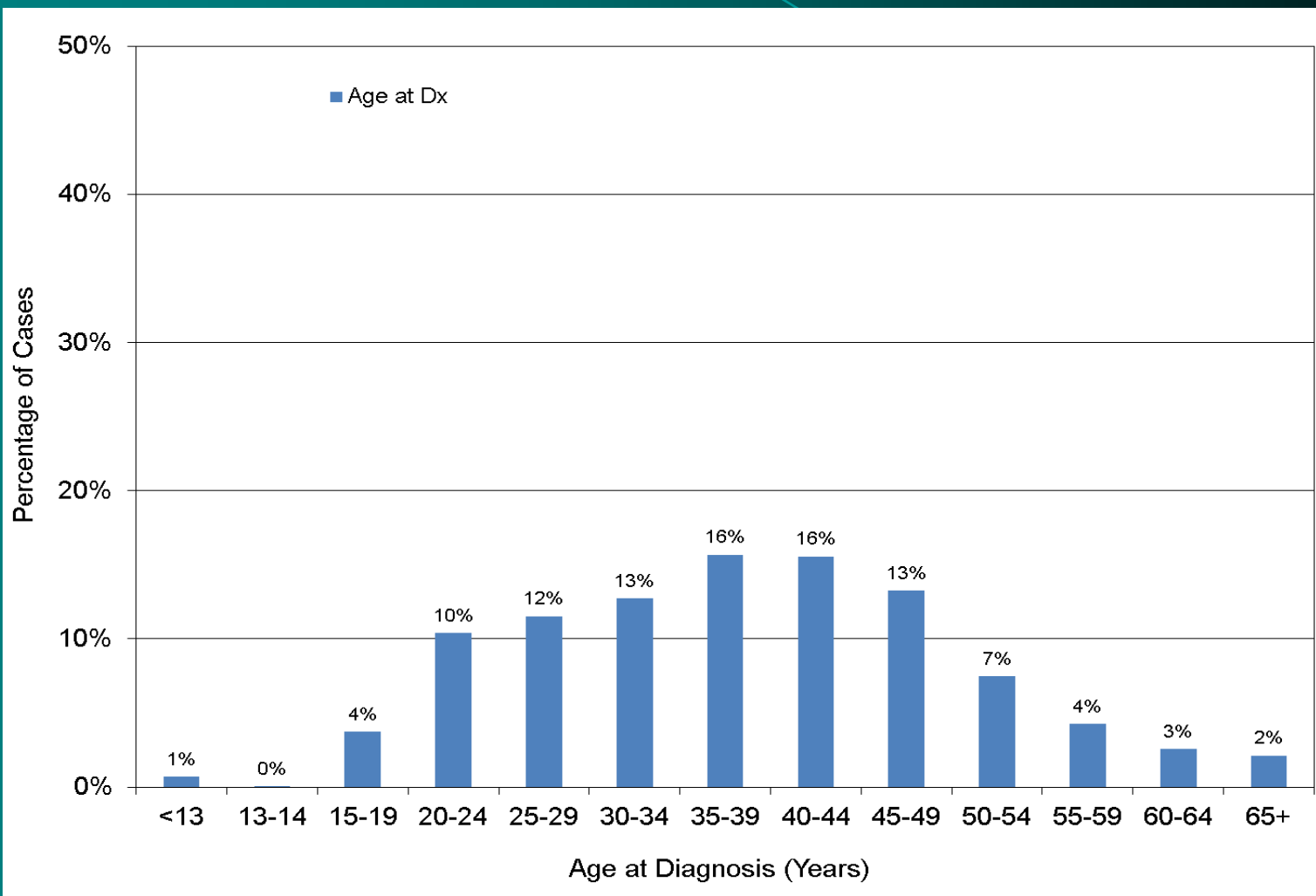
- 50% reported were between ages of 20 – 39 at diagnoses
- Teen groups not infected at rates seen in many other states, DE = 4%

Stage 3 HIV (AIDS)

- 69% reported were between ages 30-49 at diagnoses



New Infections Diagnosed in Delaware by age Group, 1997-2017



Mortality

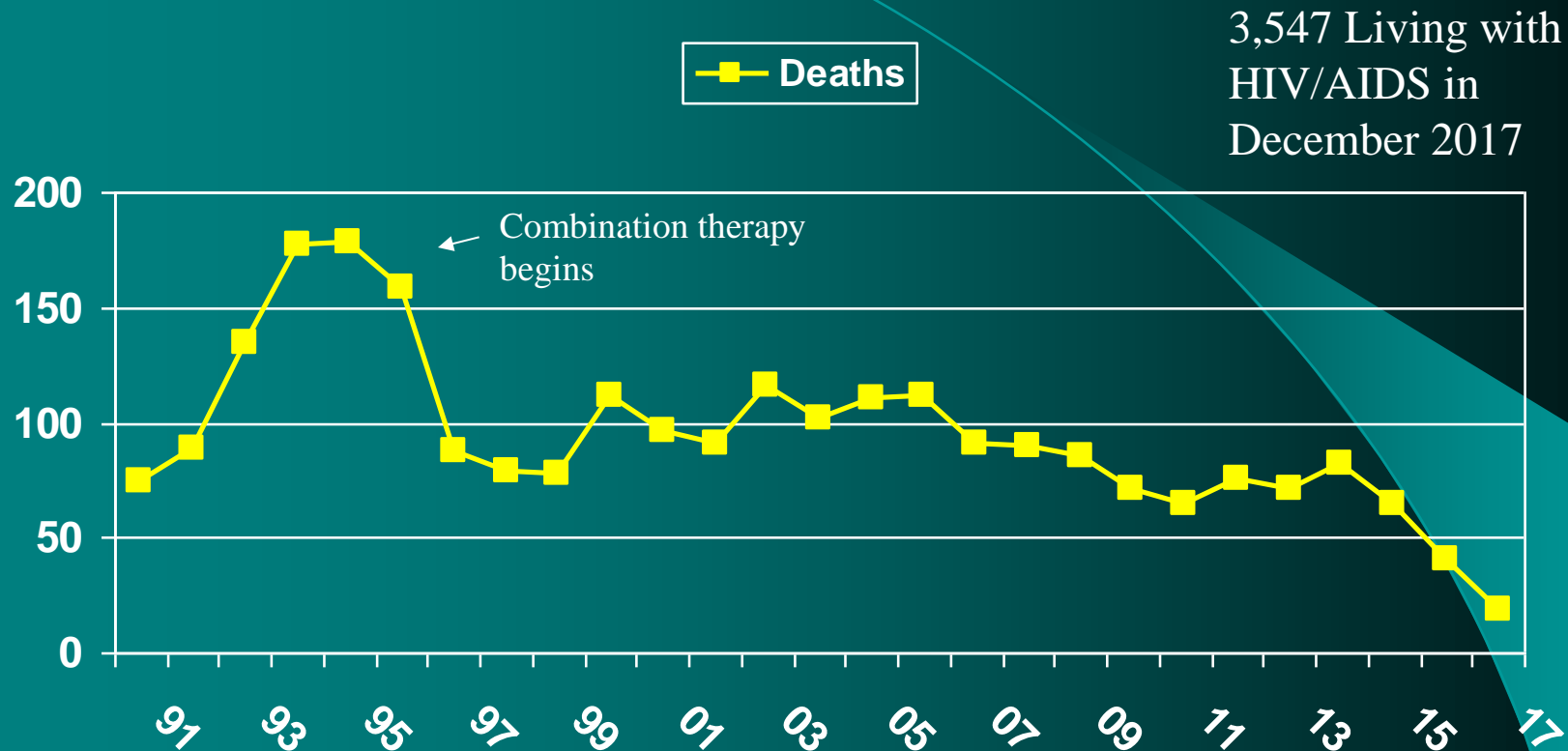
TRENDS IN DE (Cont)

- **Mortality**

Better Treatment = Longer lives



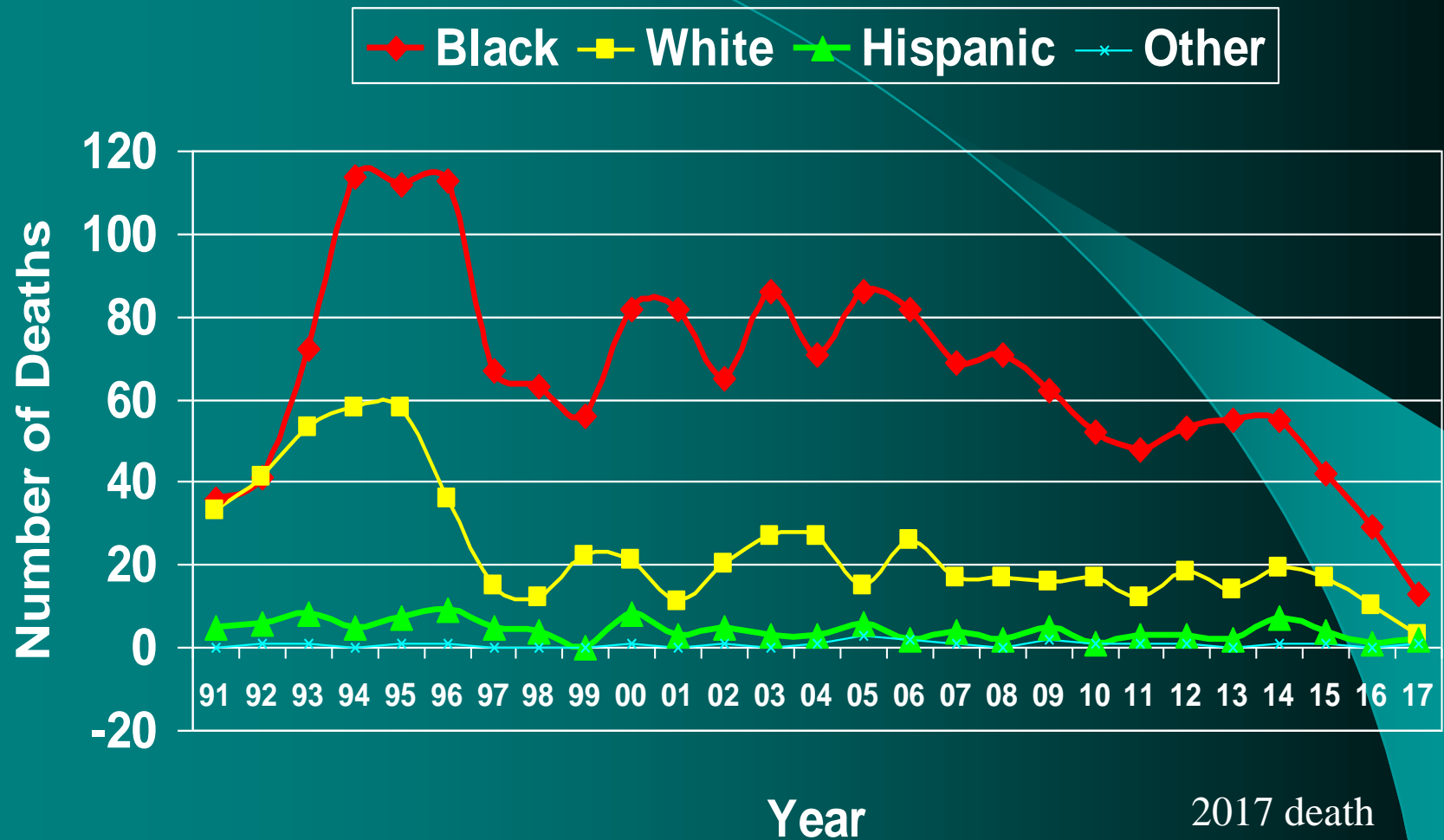
HIV/AIDS Deaths



523 Living with HIV/AIDS in December 1988

2017 death ascertainment incomplete

HIV/AIDS Deaths by Race, 1991 to 2017

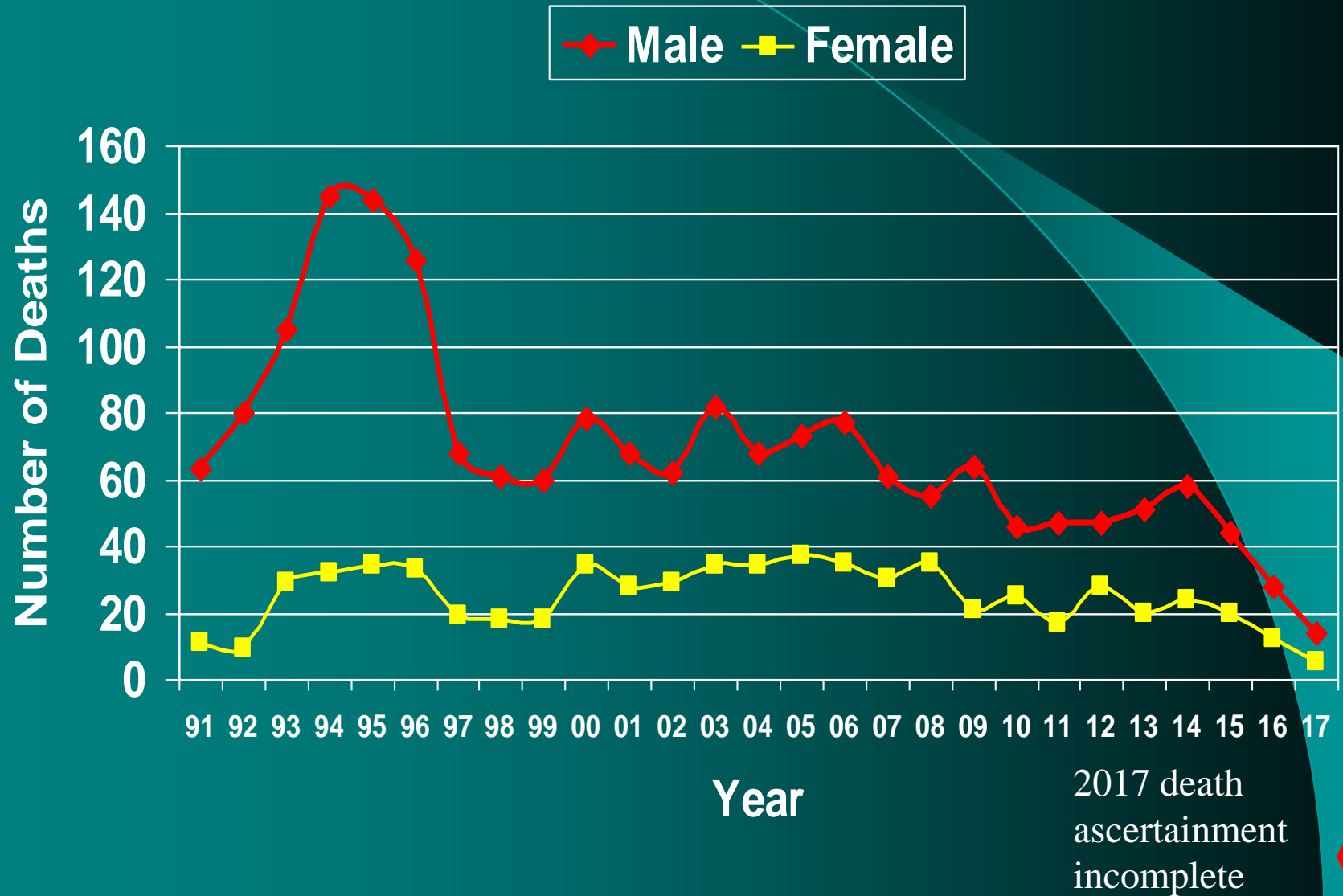


Note: Deaths are proportionate to infections across groups

2017 death ascertainment incomplete



HIV/AIDS Deaths by Gender, 1991 to 2017



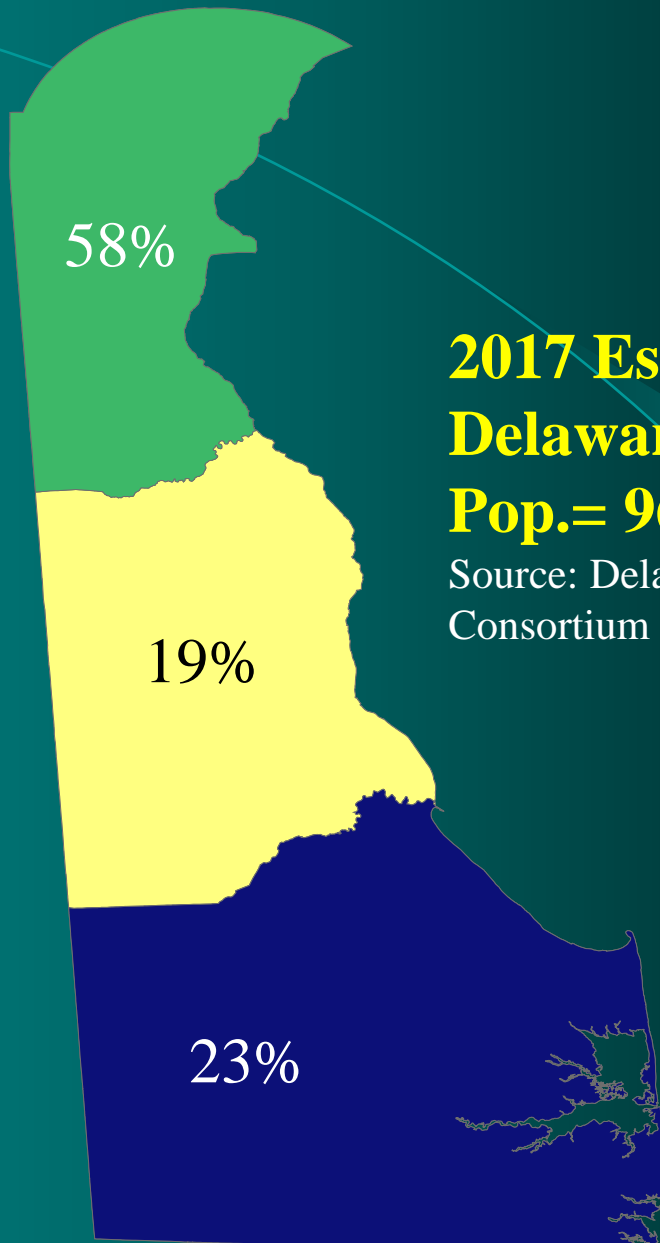
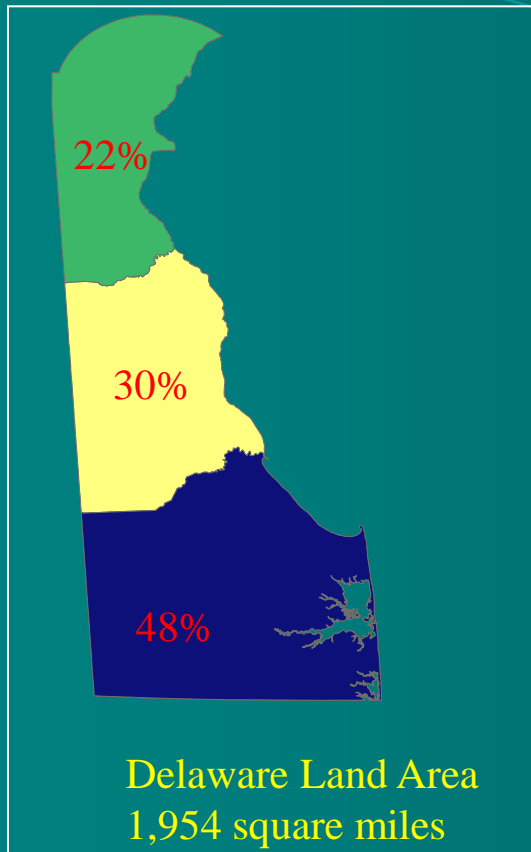
HIV/AIDS Deaths, 1991 to 2017

Death due to underlying HIV disease

HIV Related	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	601	26.63	601	26.63
Undetermined	163	7.22	764	33.85
Yes	1493	66.15	2257	100

Geography

--47% of all HIV/AIDS cases reported in Delaware through 2017 originated from Wilmington Metropolitan area.



**2017 Estimated
Delaware
Pop.= 967,813**

Source: Delaware Population
Consortium



Rest of NCC 27%
Wilmington 39%

66%

14%

21%

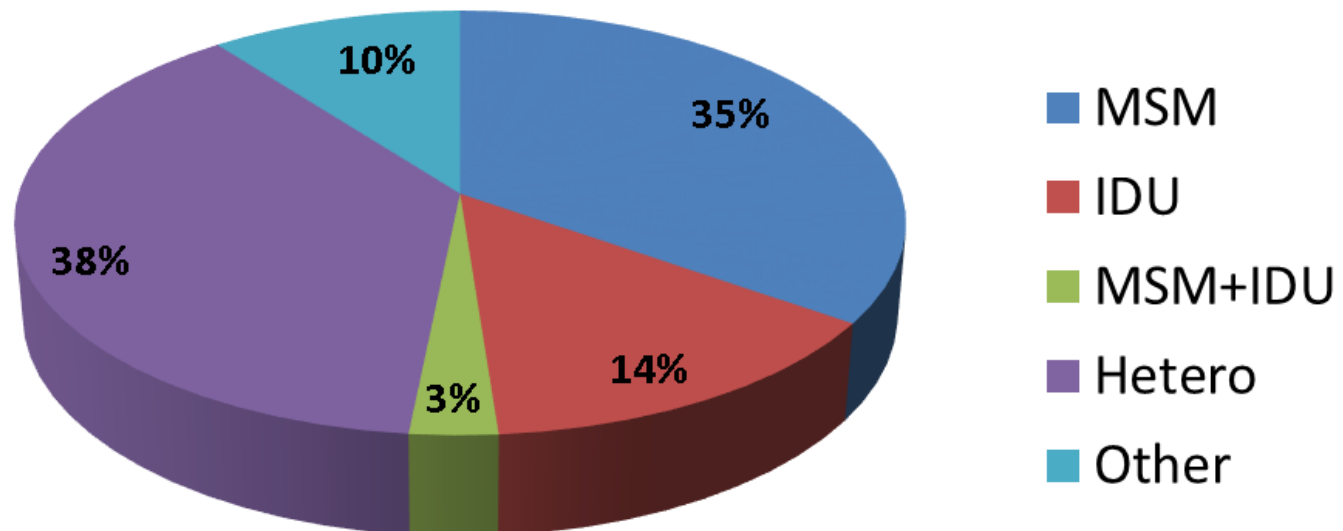
Living HIV/AIDS
As of Dec 2017
***n* = 3,547**



Behavioral Risk Groupings

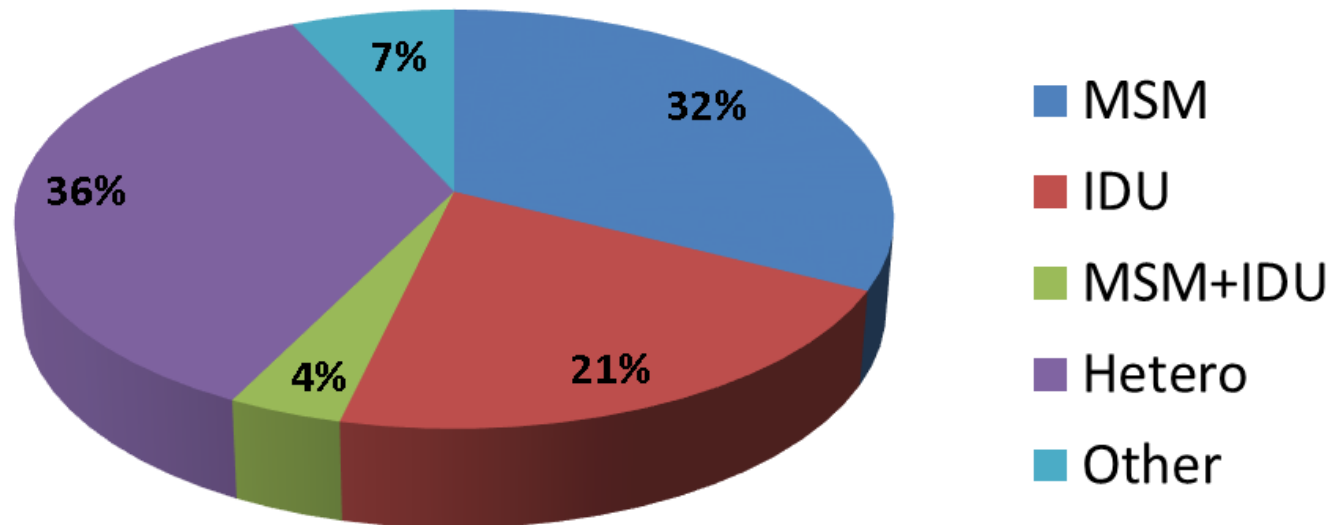
Risk Categories by County of Residence

Mode of Exposure
Living in Kent County



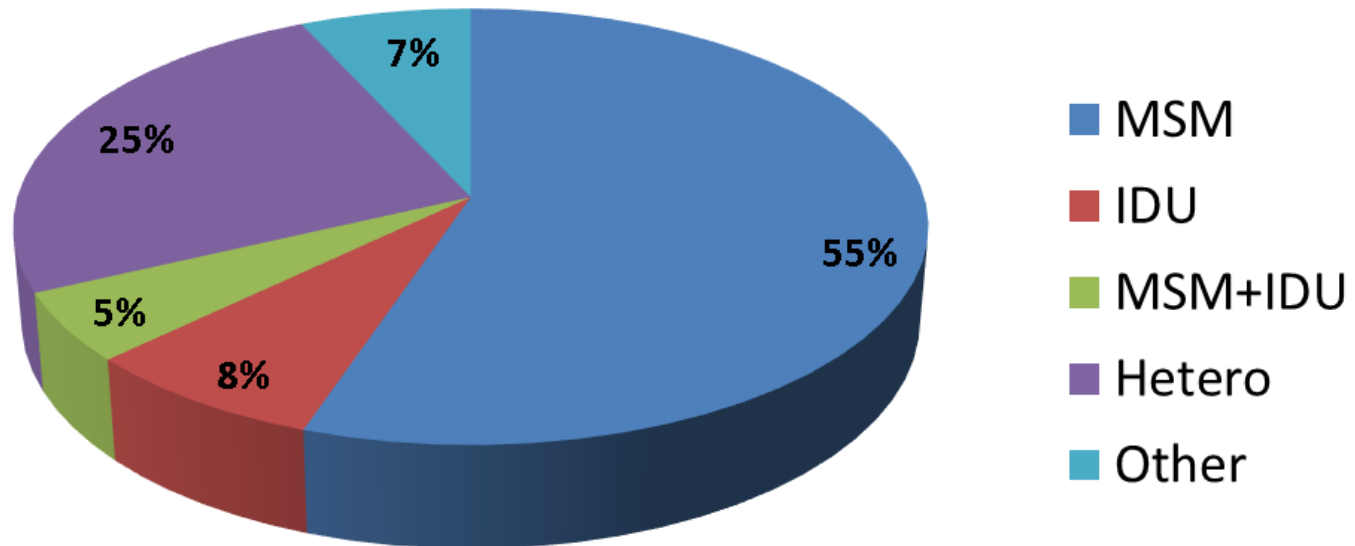
Risk Categories by County of Residence

Mode of Exposure
Living in New Castle County



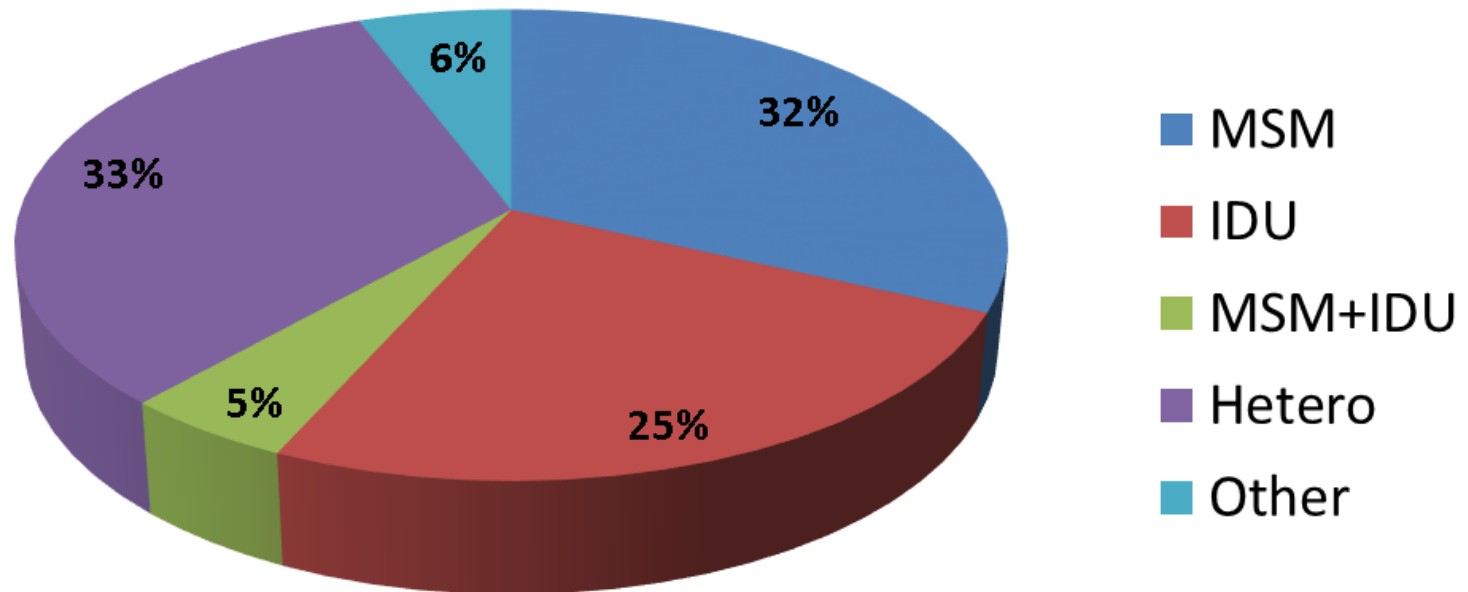
Risk Categories by County of Residence

Mode of Exposure
Living in Sussex County

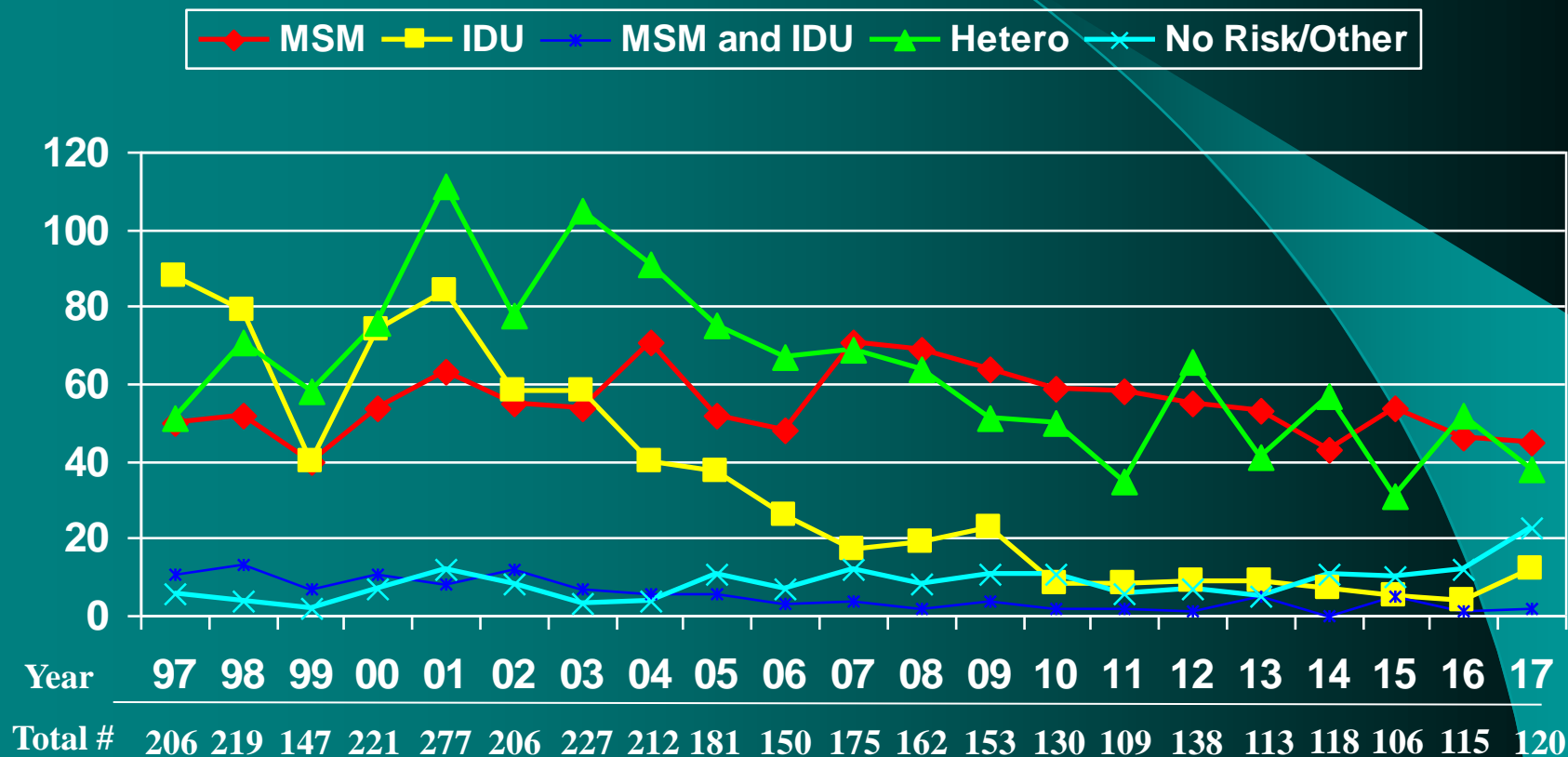


Risk Categories in Wilmington Metro Area

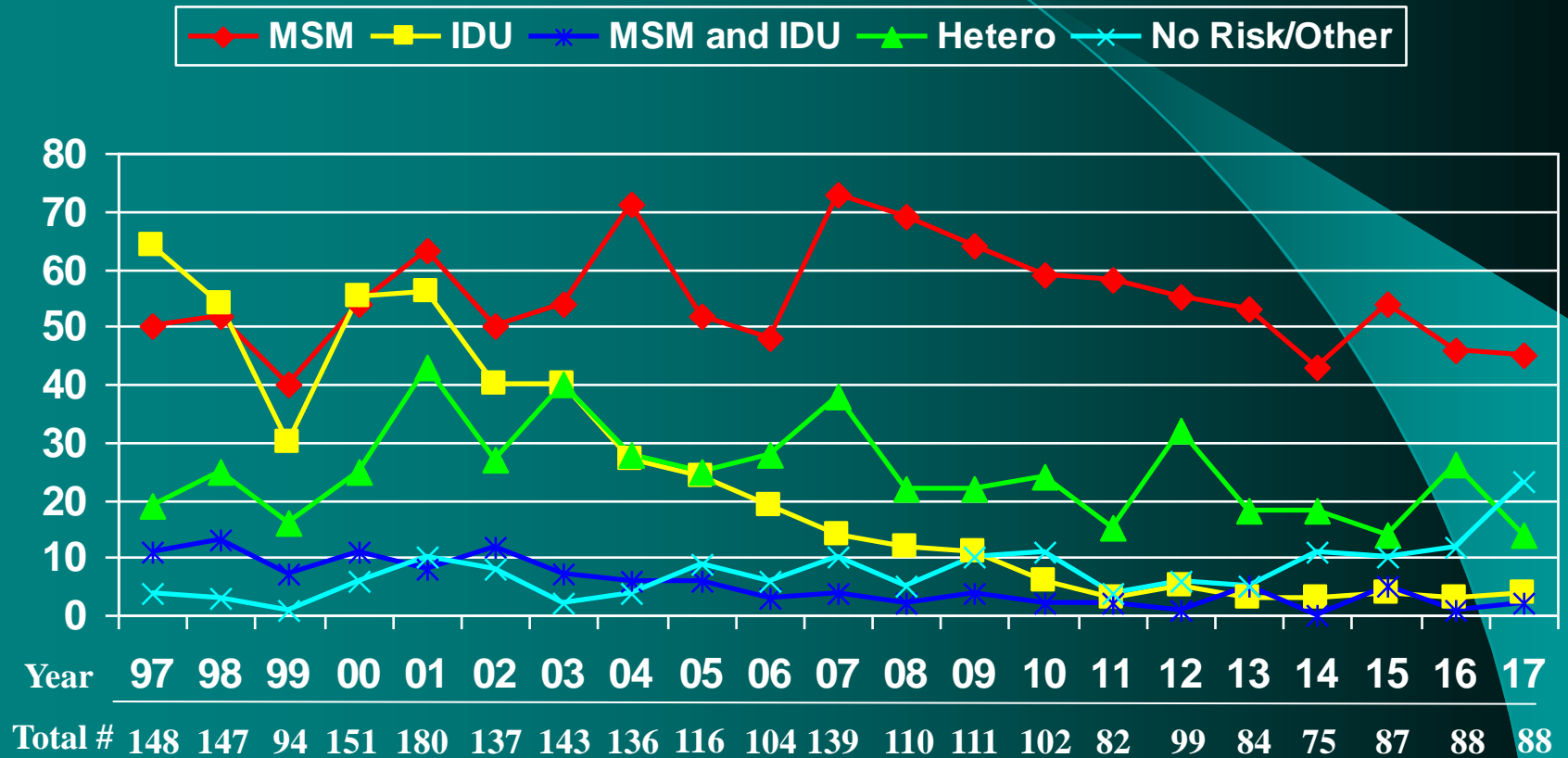
Mode of Exposure
Living in Wilmington Metro



New Infections Diagnosed in Delaware by Risk Group, 1997-2017

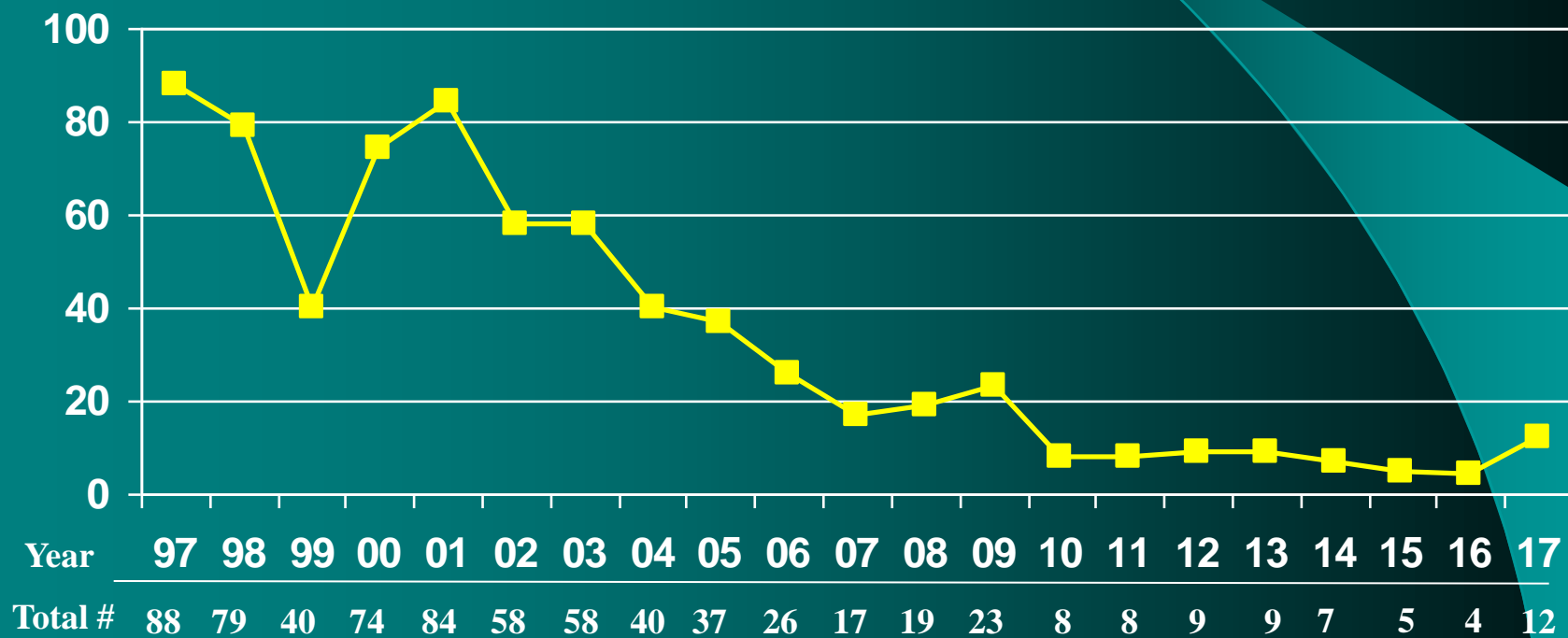


New Infections in Males Diagnosed in Delaware by Risk Group, 1997-2017

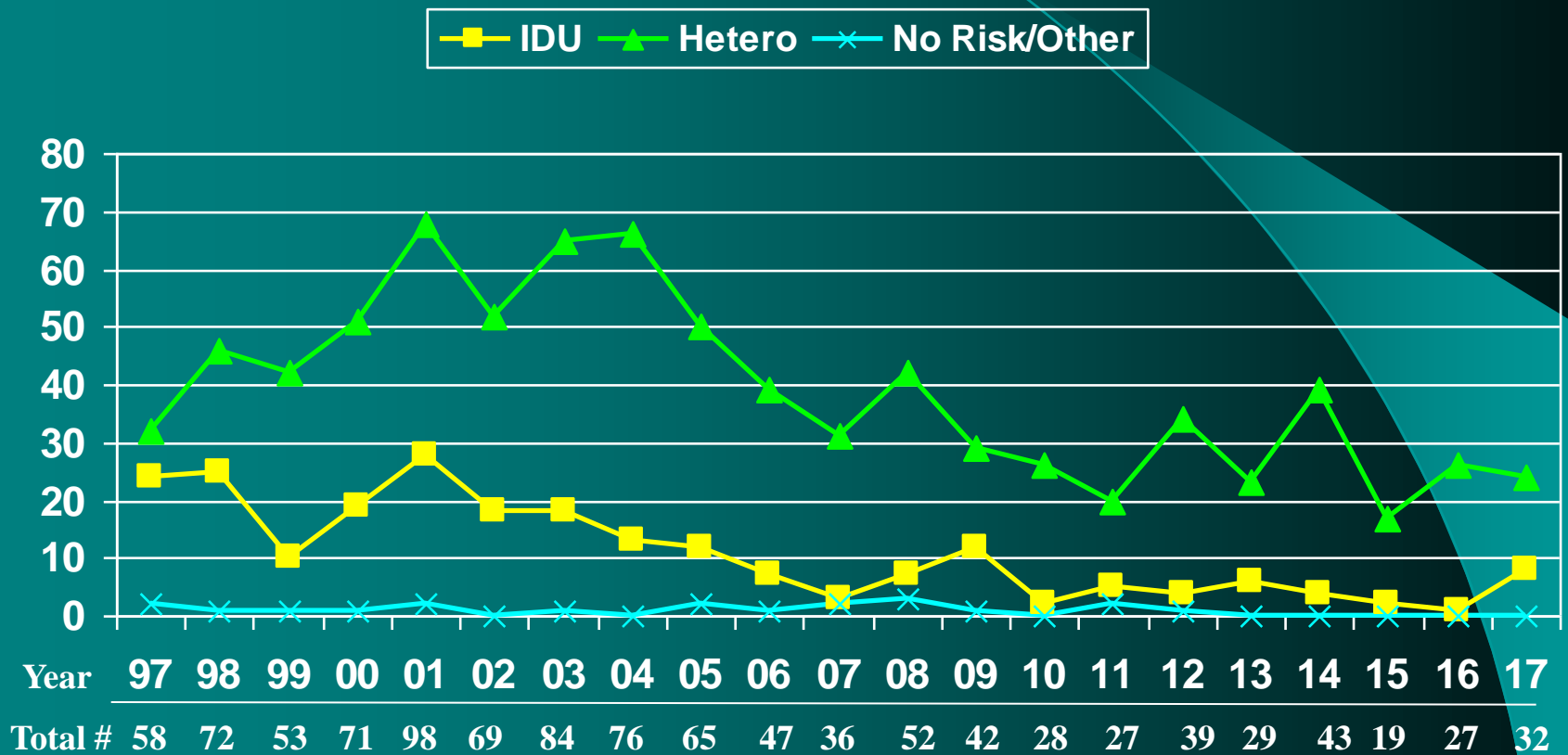


New Infections Diagnosed in Delaware by Risk Group, 1997-2017

■ IDU



New Infections in Females Diagnosed in Delaware by Risk Group, 1997-2017



National VS. Delaware Living HIV Cases by Race

National - 2015

The distribution of living HIV cases by race nationally is

% Among HIV

31% White

42% Black

22% Hispanic

5% other races

Delaware - 2017

Delaware's living HIV cases through 2017 by race are

% Among HIV

33% White

56% Black

8% Hispanic

3% other races

National VS. Delaware Living Stage 3 HIV (AIDS) Cases by Race

National - 2015	Delaware - 2017
<p>The distribution of living AIDS cases by race nationally is</p> <p><u>% Among AIDS</u></p> <p>32% White</p> <p>41% Black</p> <p>22% Hispanic</p> <p>6% other races</p>	<p>Delaware's living AIDS cases through 2017 by race are</p> <p><u>% Among AIDS</u></p> <p>30% White</p> <p>61% Black</p> <p>7% Hispanic</p> <p>2% other races</p>

Email Questions To
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(302) 744-1016

