

2020 HIV/AIDS Epidemiology Update

2019 Data

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Primary Sources

- Enhanced HIV/AIDS Reporting System (EHARS) – Collects infection data from all legally bound reporting sources throughout the State.
- 2019 Delaware Population Consortium
- 2018 CDC HIV/AIDS Surveillance Report

Questions

- Special data request must be made through HIV/AIDS Surveillance Epidemiologist
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 - (special data is that which is not specifically covered in the following slides)

HIV/AIDS Trends in Delaware

3,543 living cases of HIV (all stages)

December 2019

Prevalence Rates (per 100,000)

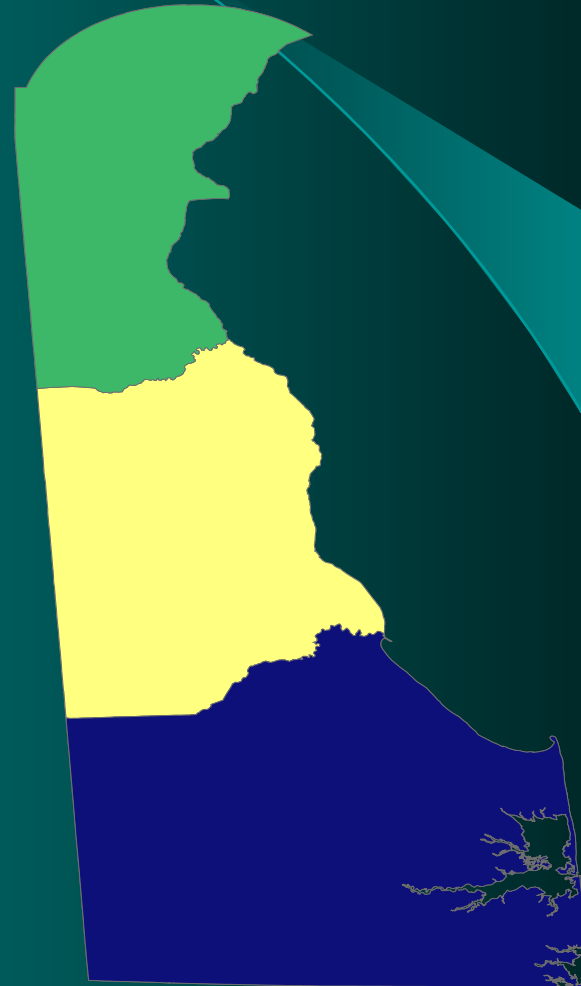
All Statewide = 362.35 (n = 3,543)

African Americans = 975.85 (n = 2,073)

White = 184.20 (n = 1,109)

Hispanic = 293.85 (n = 273)

(ratios based on 2019 DE Population Consortium Estimates and reported Living HIV cases)



Gender Groups

TRENDS IN HIV/AIDS IN DE

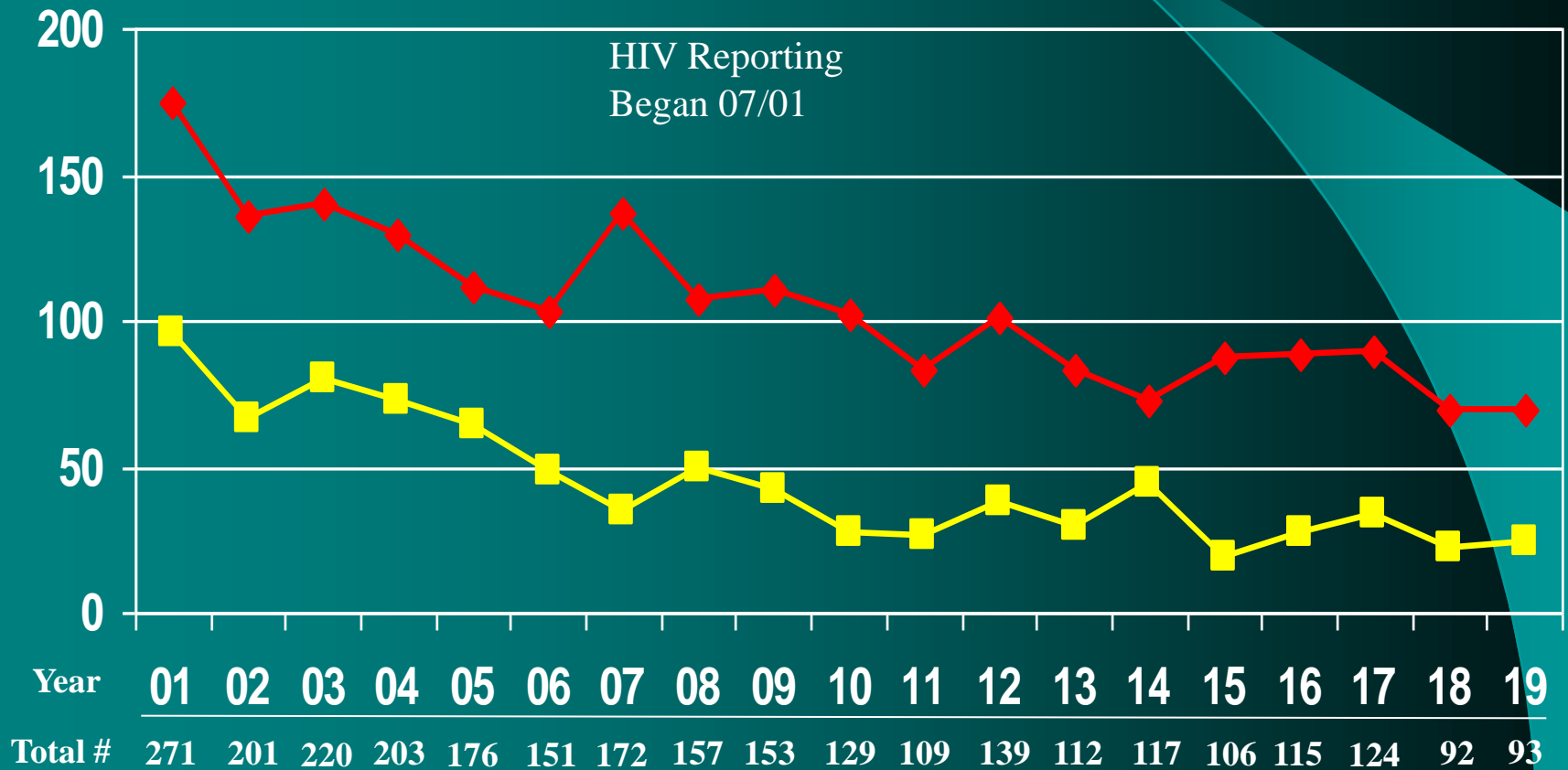
● Gender

--Males - 48% of Delaware's population, yet
72% of all HIV/AIDS cases through 2019

--Females - 52% of Delaware's population, 28% of
all reported Delaware cases through
2019

New Infections in Delaware by gender 2001 - 2019

Male Female



Race Ethnicity Groups

TRENDS IN DE (Cont)

- **Ethnicity**

- African Americans (disproportionately high HIV/AIDS rate)

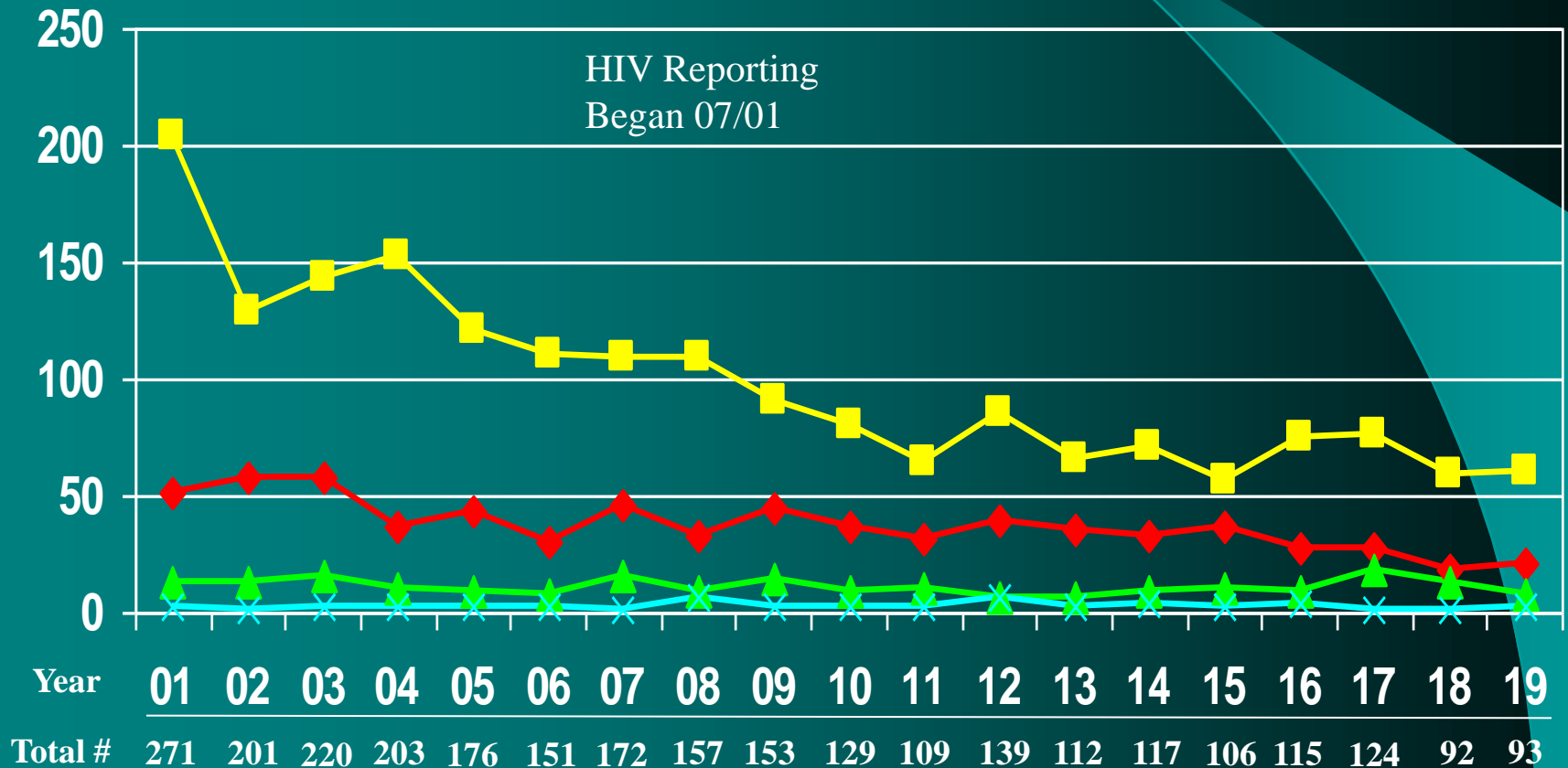
- 44% cases attributed to African-Americans in the late 80s---**Stands at 65% at the end of 2019 despite being 22% of Delaware's population**

New Infections Diagnosed in Delaware

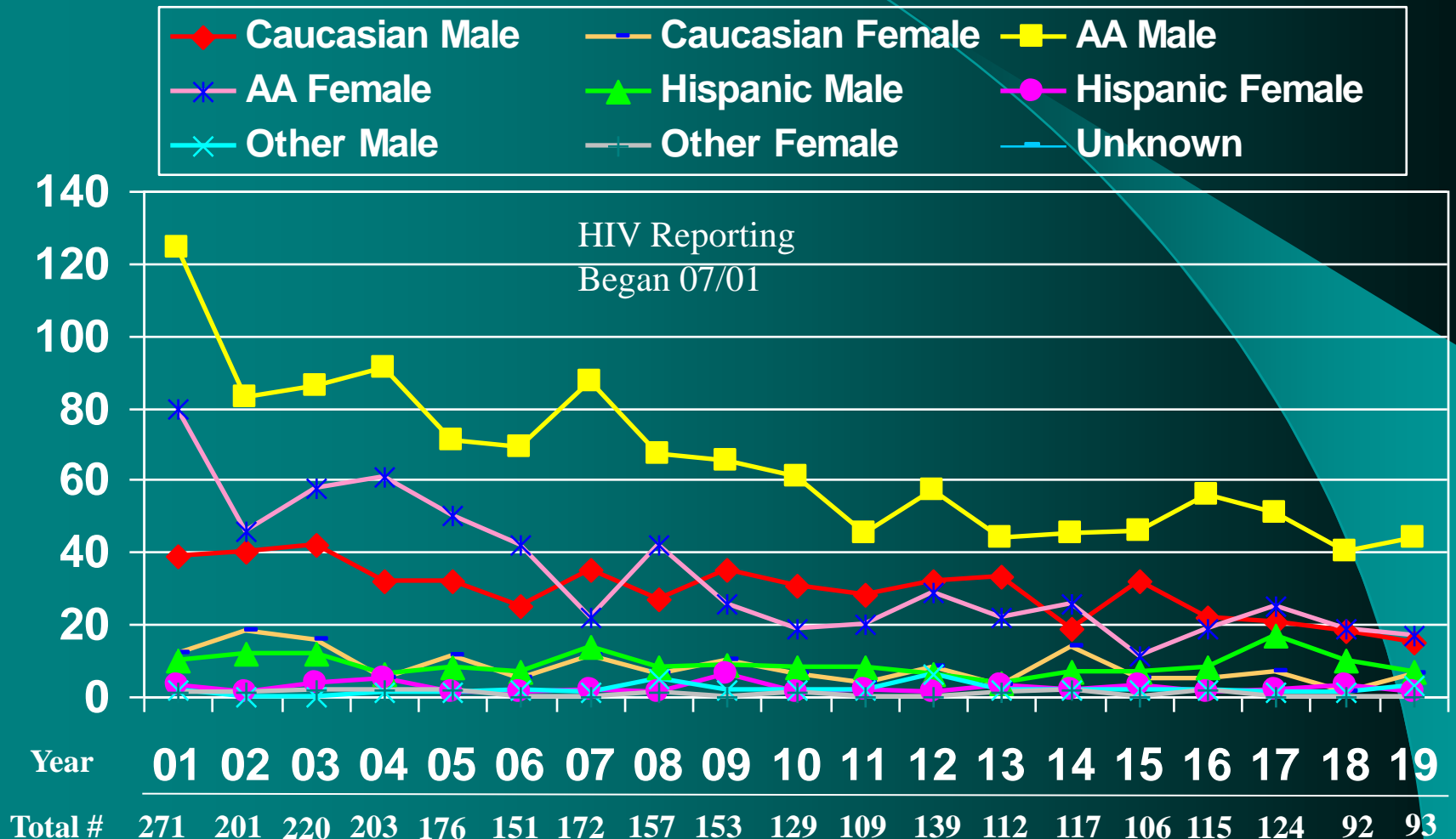
Race/Ethnic Groups, 2001-2019

◆ 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, 2001-2019



Age Groups

TRENDS IN DE (Cont)

● AGE

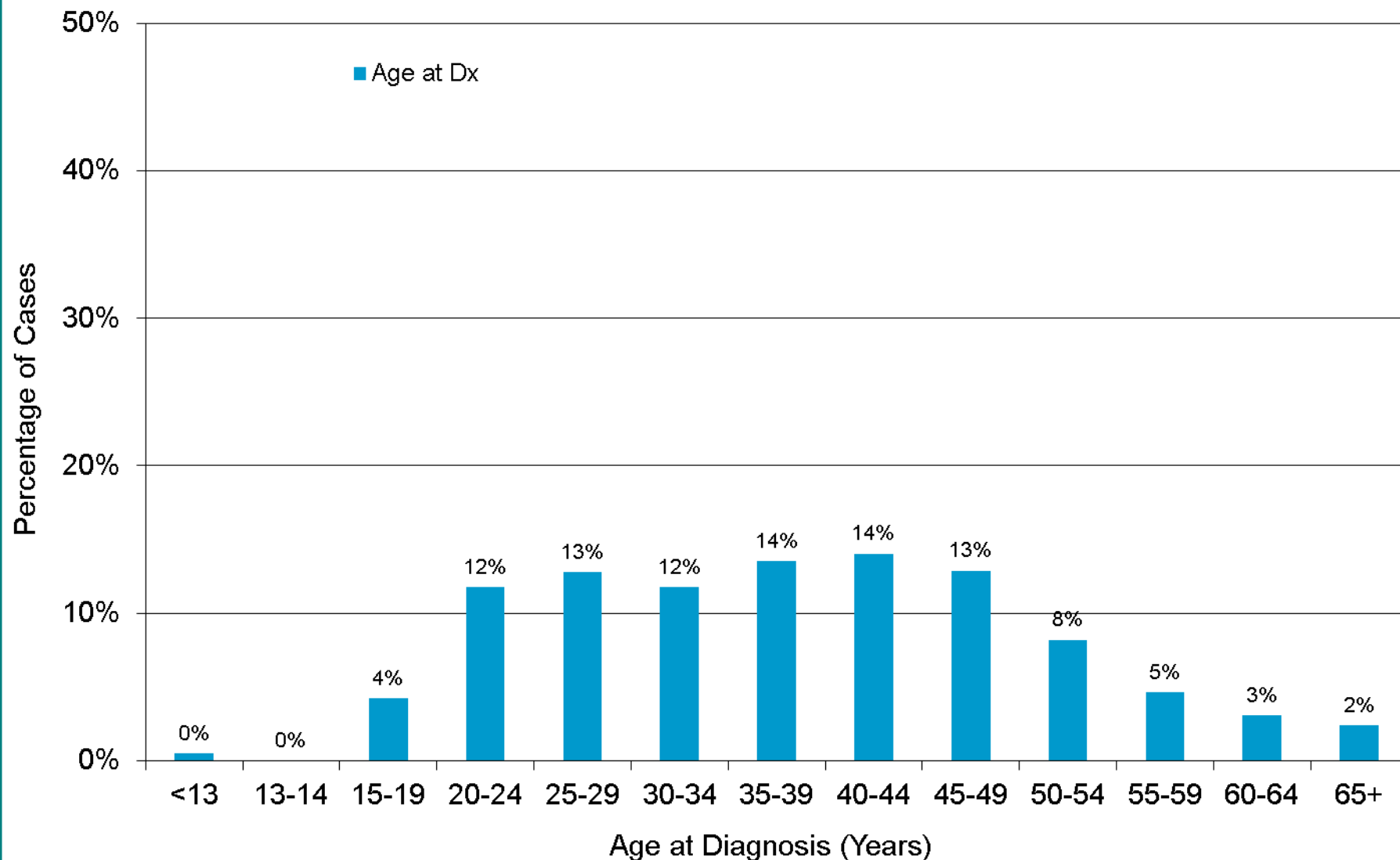
HIV

- 77% reported were between ages of 20 – 49 at diagnoses
- Teen groups not infected at rates seen in many other states, DE = 4%

Stage 3 HIV (AIDS)

- 72% reported were between ages 30-54 at diagnoses

New Infections Diagnosed in Delaware by age Group, 2001-2019



Mortality

TRENDS IN DE (Cont)

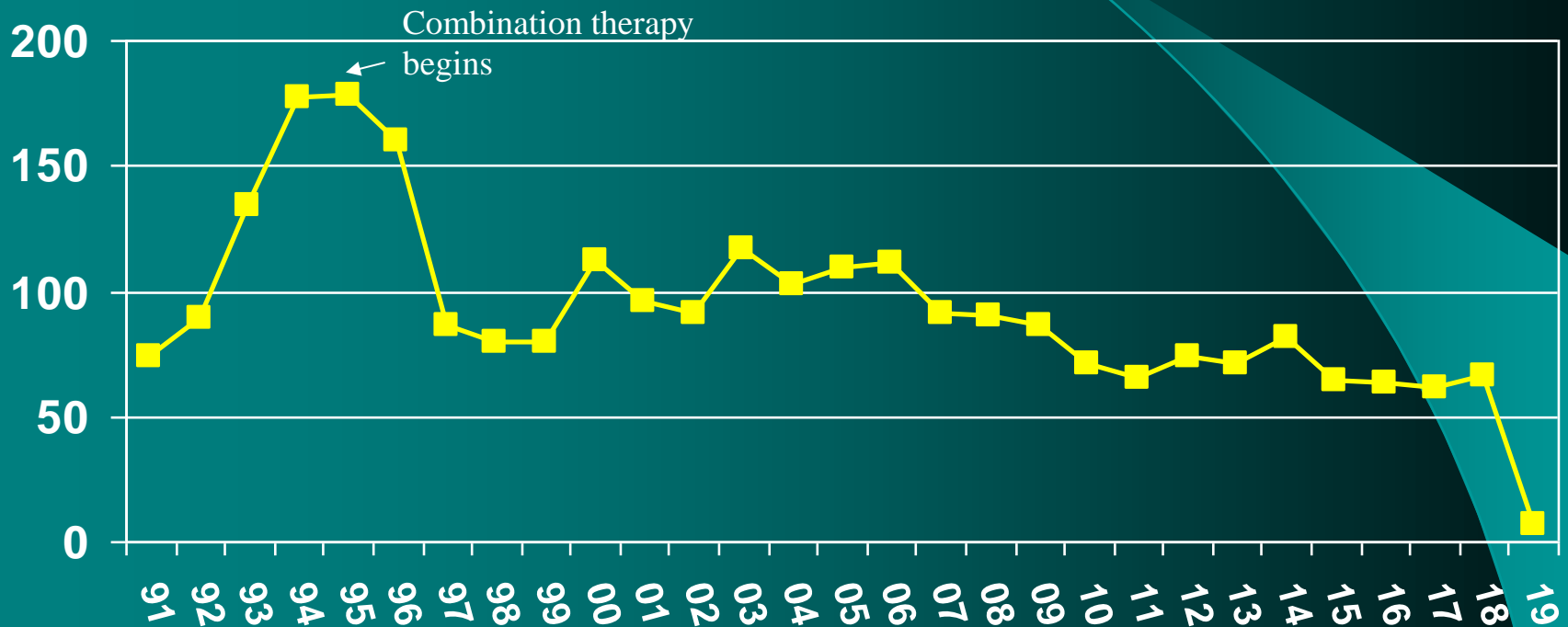
- **Mortality**

Better Treatment = Longer lives

HIV/AIDS Deaths 1991 Through 2019

3,543 Living with
HIV in December
2018

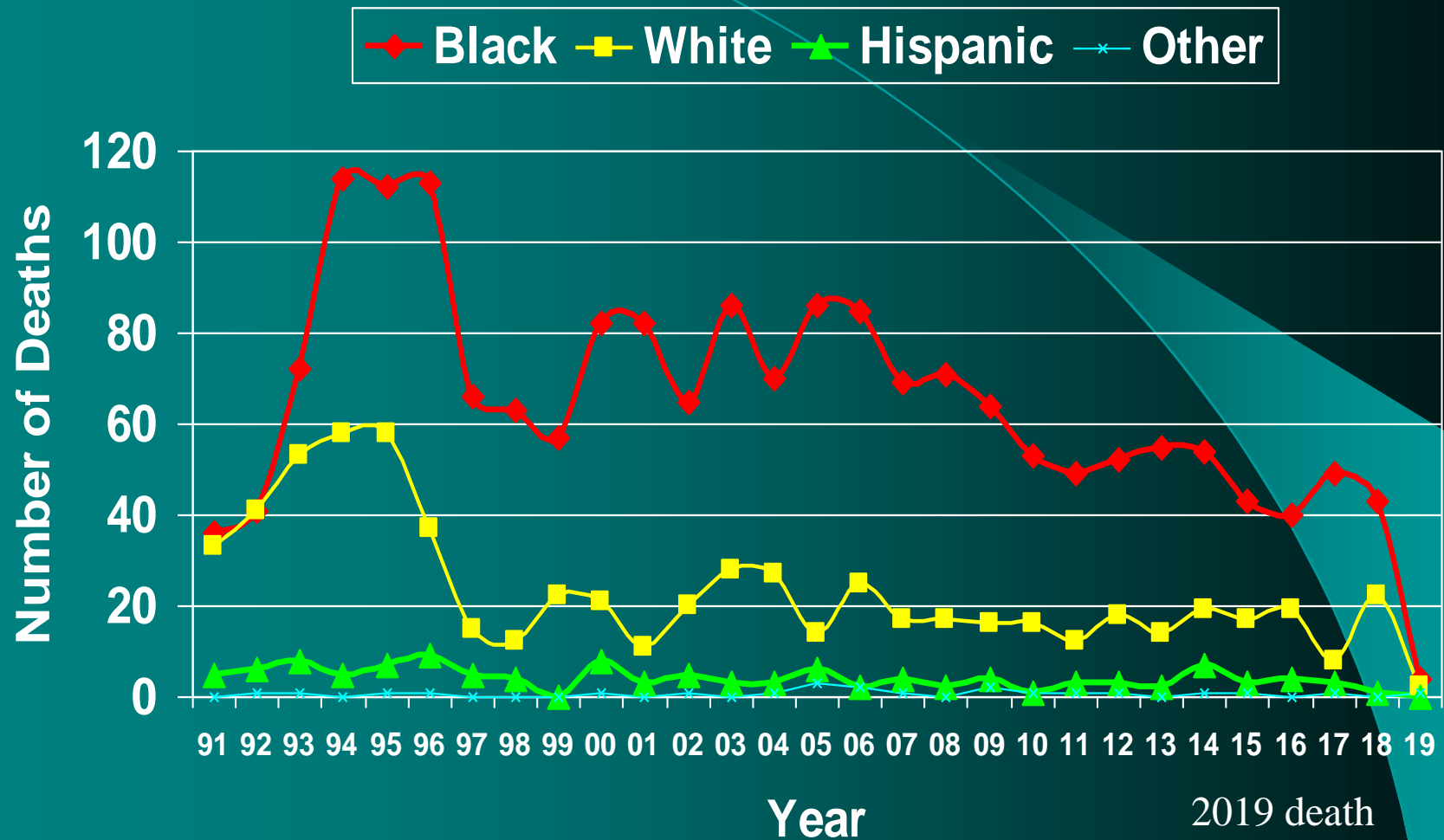
—■— Deaths



523 Living with HIV
in December 1988

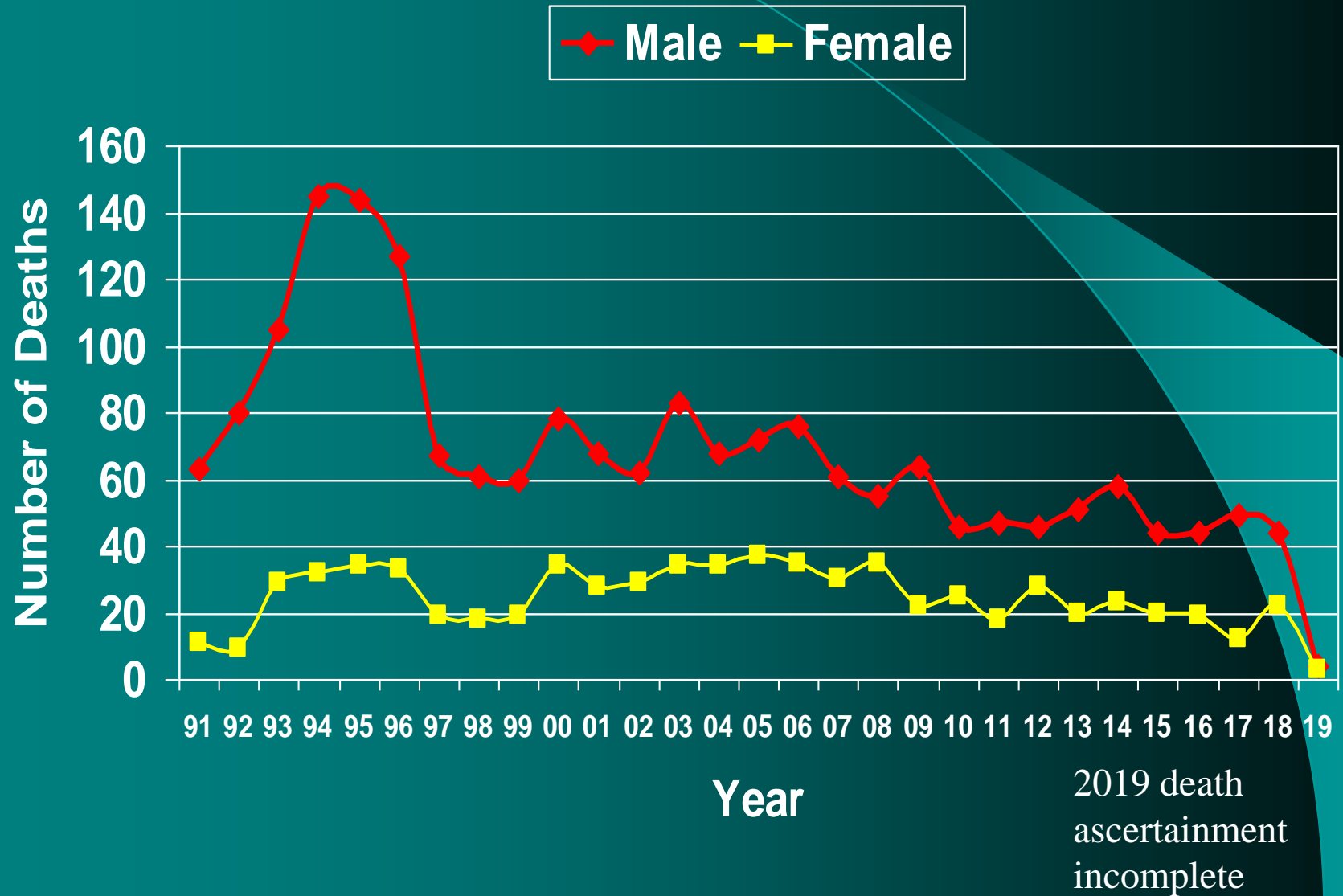
2019 death
ascertainment
incomplete

HIV/AIDS Deaths by Race, 1991 to 2019



Note: Deaths are proportionate to infections across groups

HIV/AIDS Deaths by Gender, 1991 to 2019

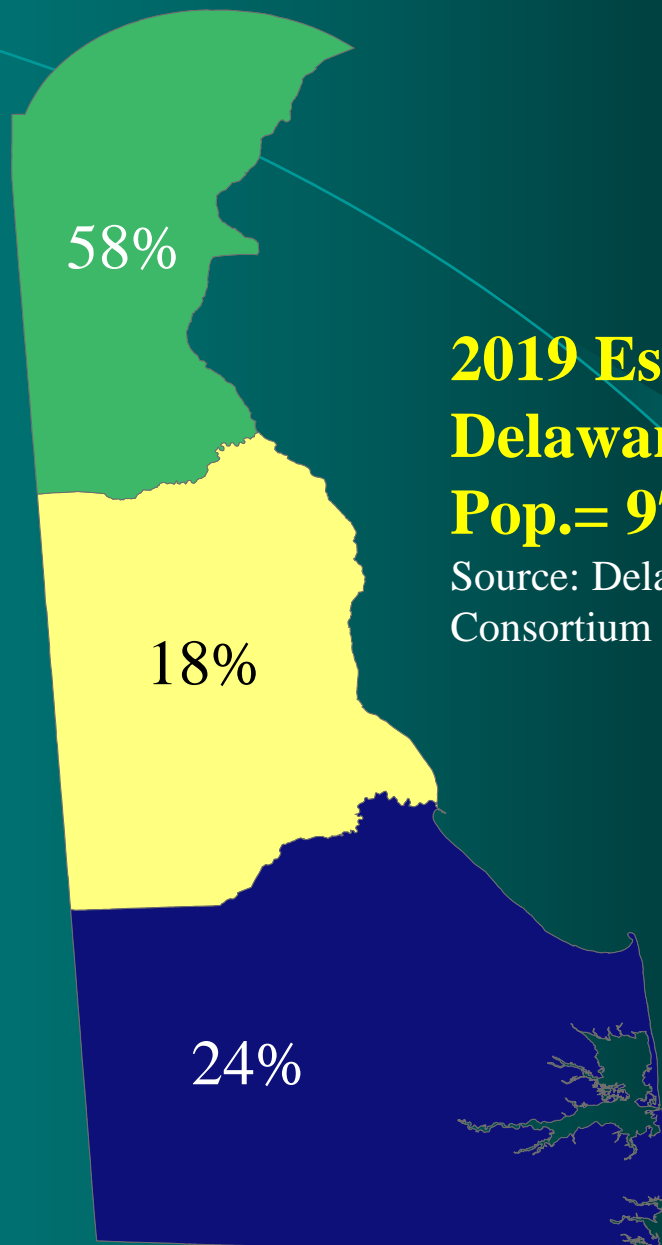
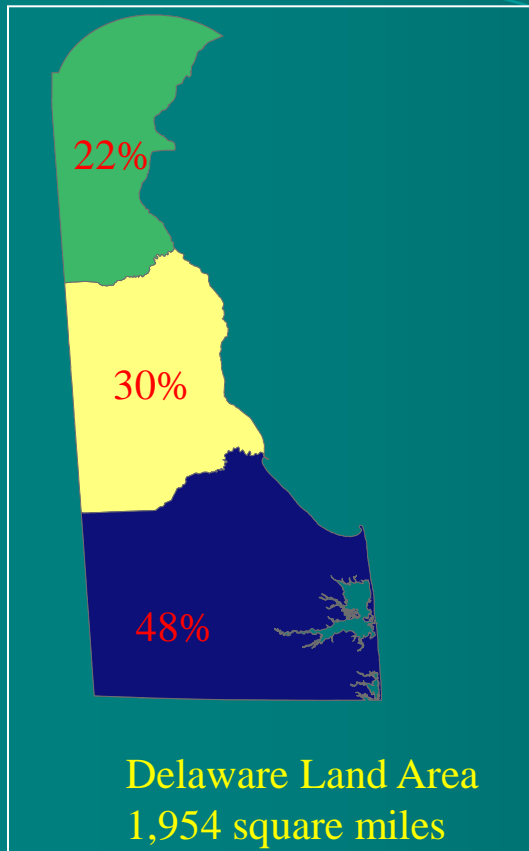


HIV/AIDS Deaths, 1991 to 2019

Death due to underlying HIV disease		
HIV Related	Frequency	Percent
No	963	33.26
Undetermined	78	2.69
Yes	1854	64.04

Geography

--47% of all HIV/AIDS cases reported in Delaware through 2018 originated from Wilmington Metropolitan area.



**2019 Estimated
Delaware
Pop.= 977,780**

Source: Delaware Population
Consortium

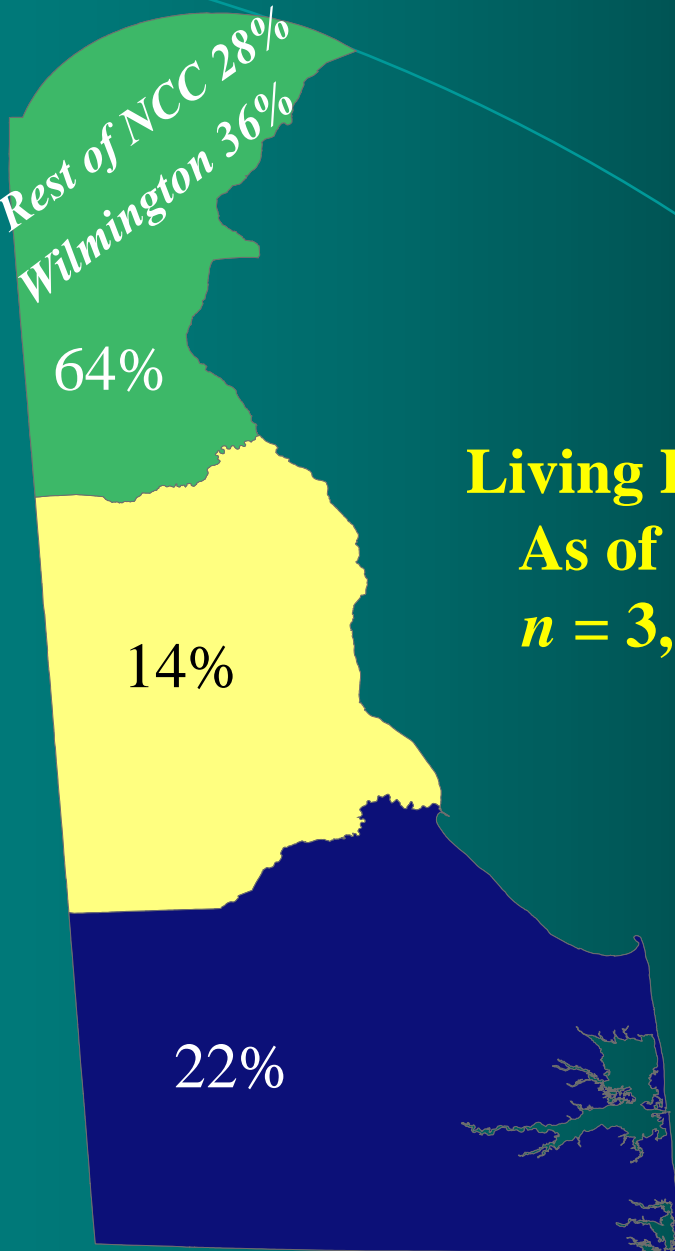
Rest of NCC 28%
Wilmington 36%

64%

14%

22%

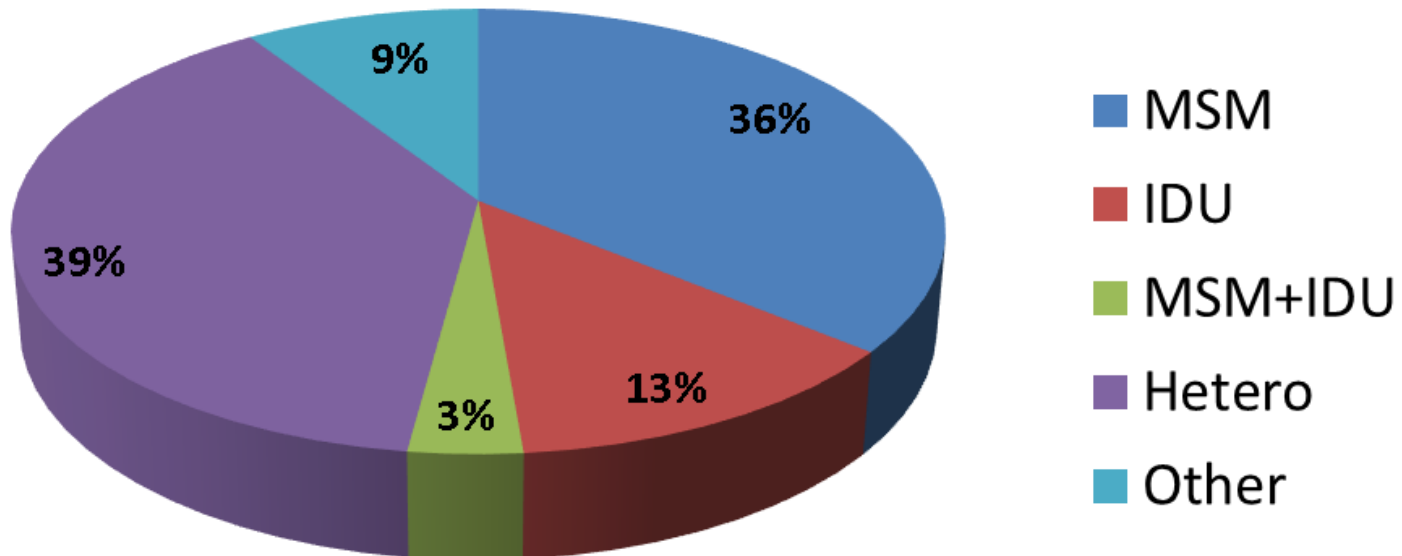
Living HIV/AIDS
As of Dec 2019
***n* = 3,543**



Behavioral Risk Groupings

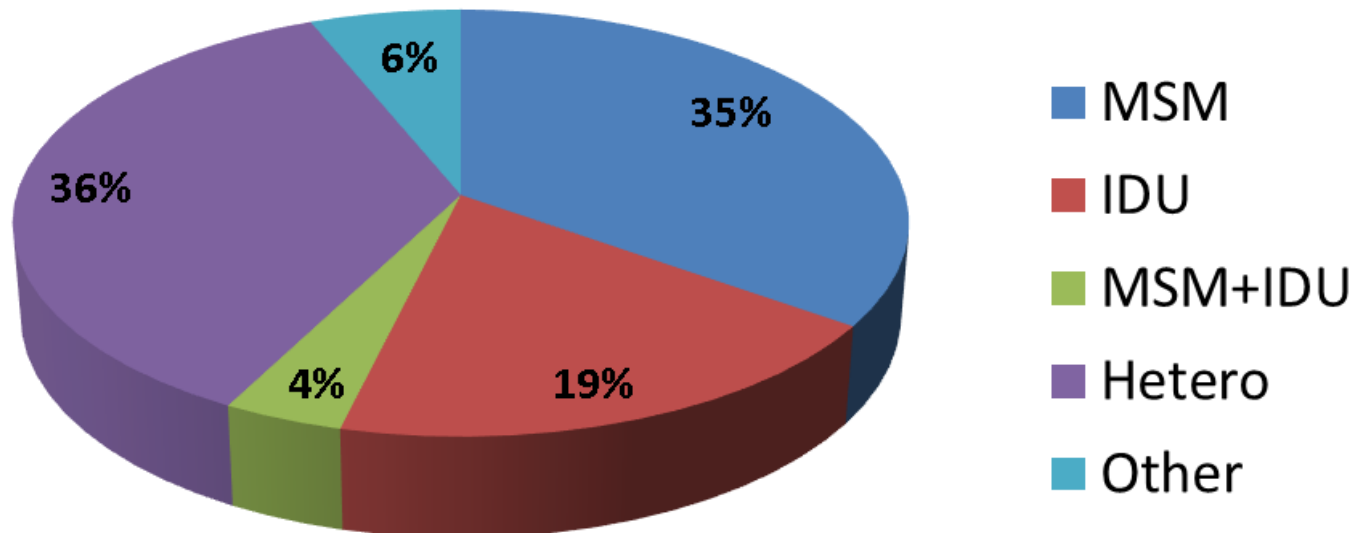
Risk Categories by County of Residence

Mode of Exposure
Living in Kent County



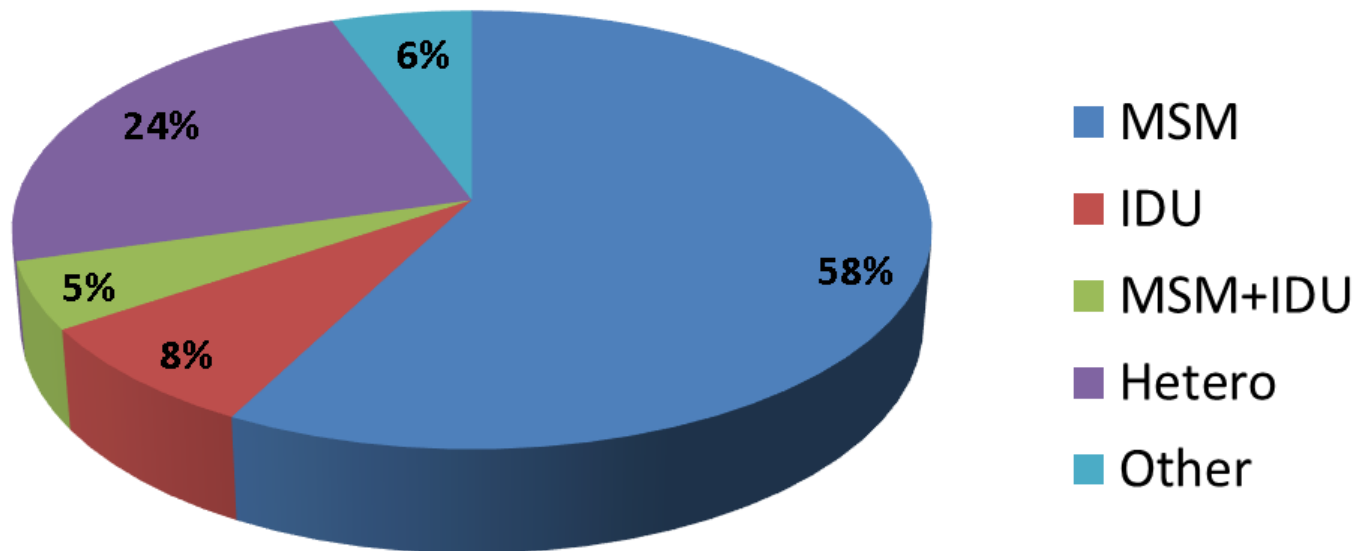
Risk Categories by County of Residence

Mode of Exposure
Living in New Castle County



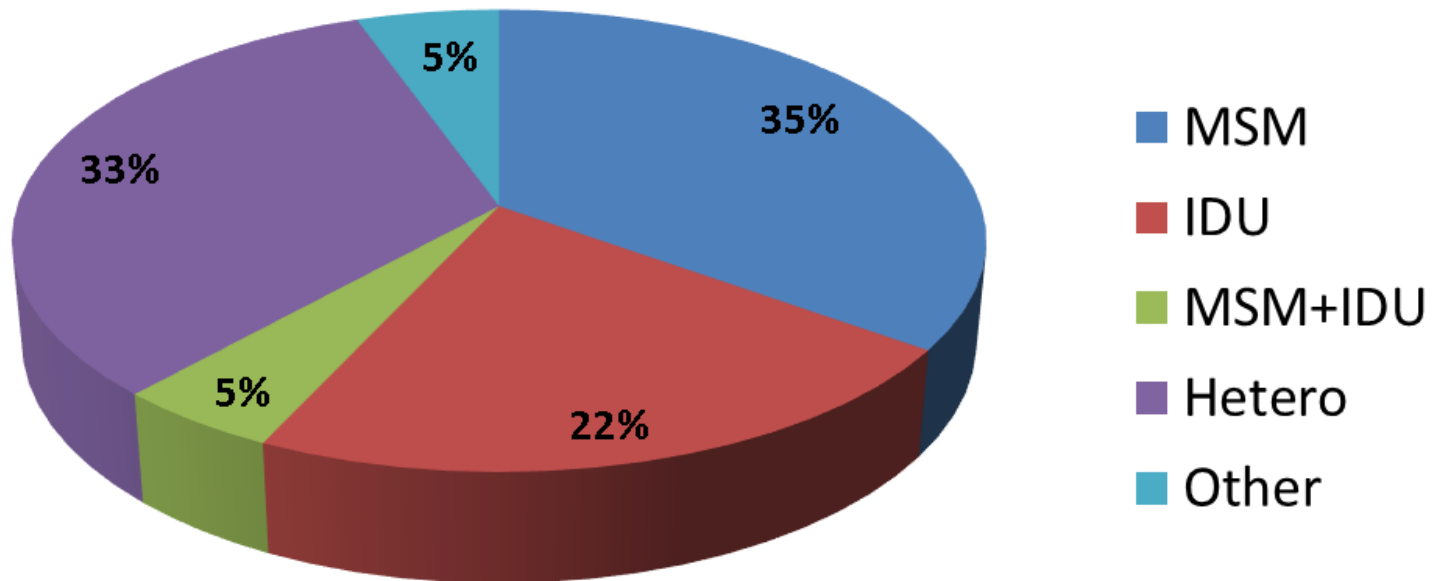
Risk Categories by County of Residence

Mode of Exposure
Living in Sussex County

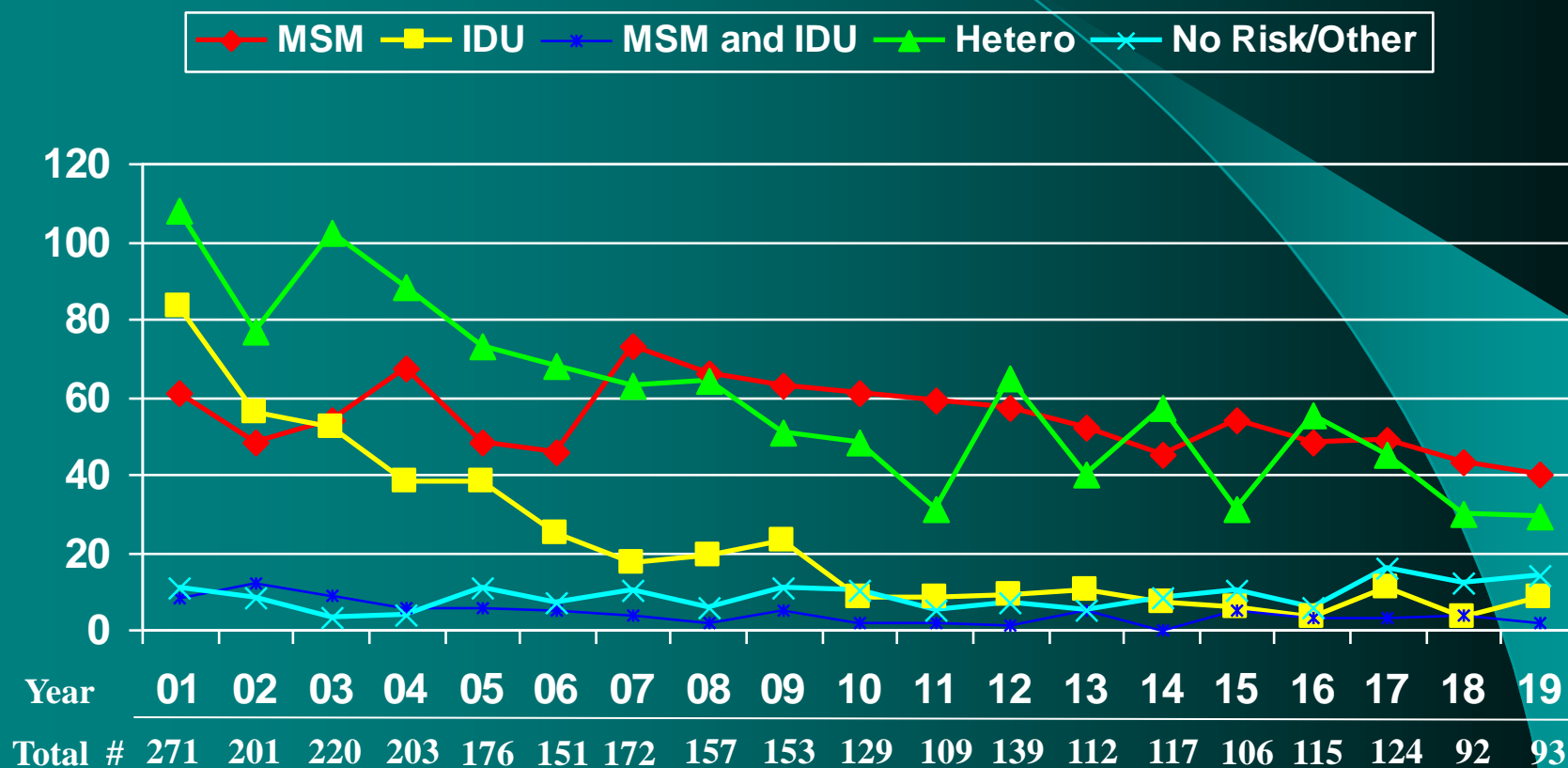


Risk Categories in Wilmington Metro Area

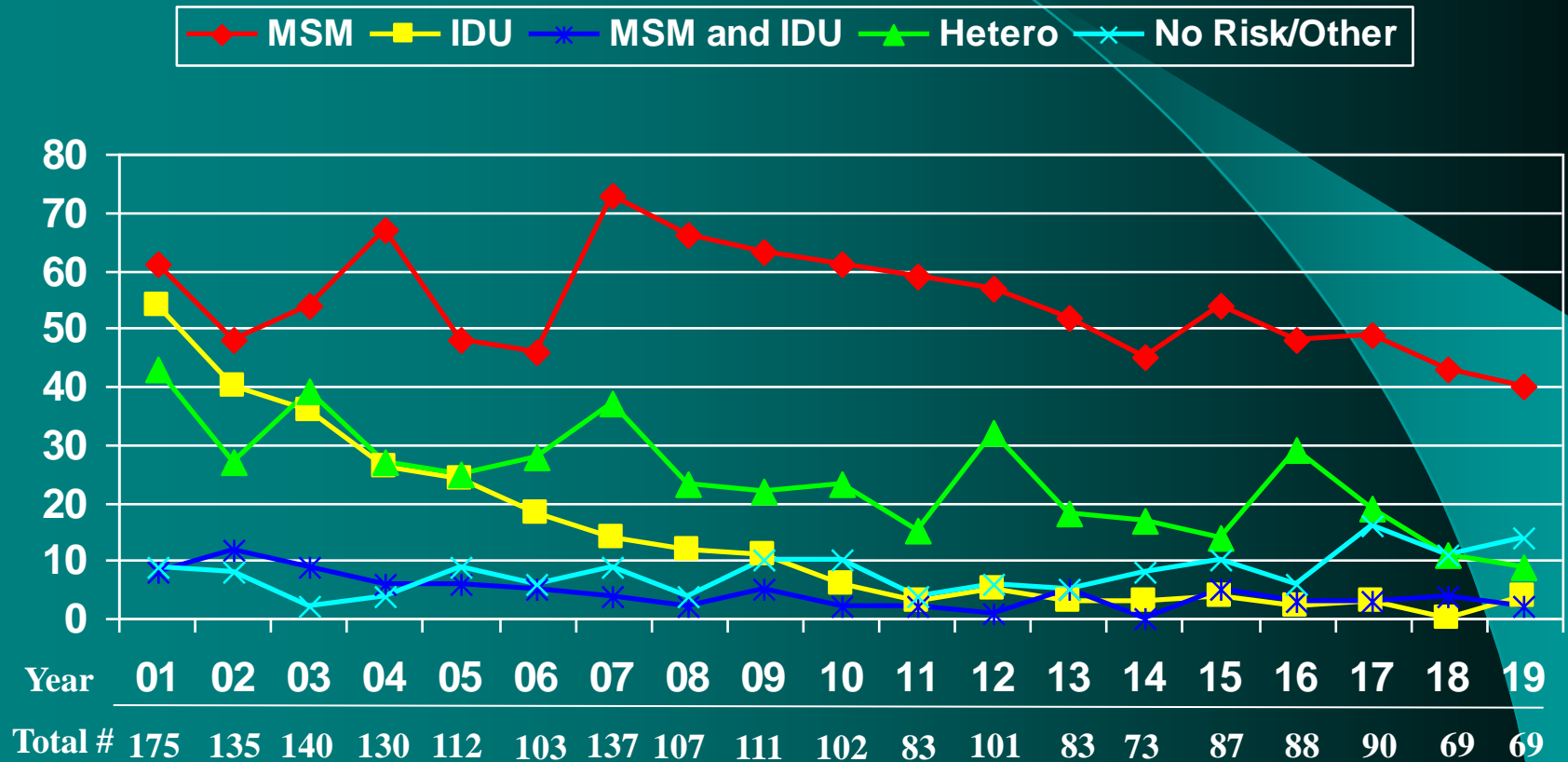
Mode of Exposure
Living in Wilmington Metro



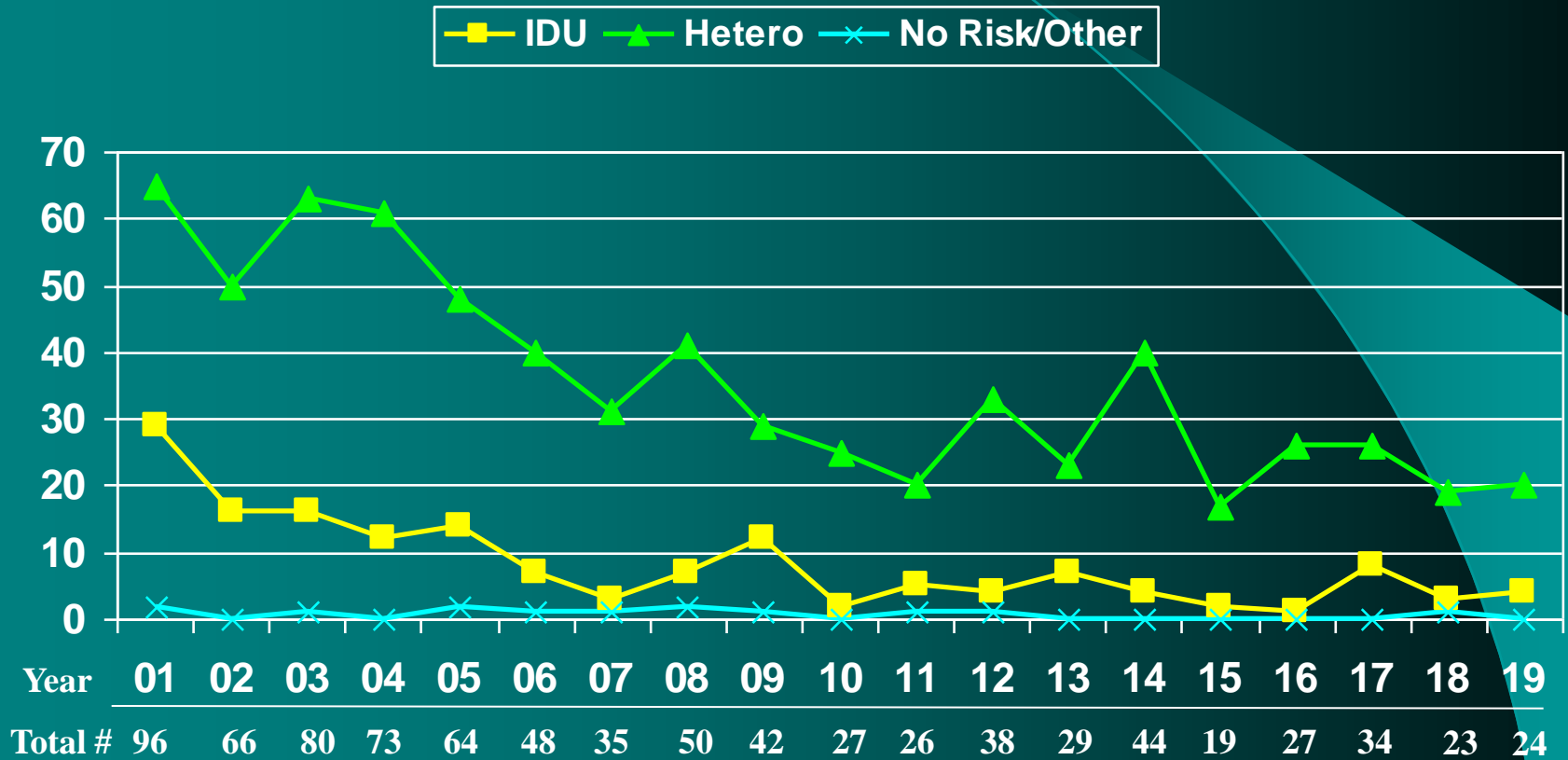
New Infections Diagnosed in Delaware by Risk Group, 2001-2019



New Infections in Males Diagnosed in Delaware by Risk Group, 2001-2019



New Infections in Females Diagnosed in Delaware by Risk Group, 2001-2019



National VS. Delaware Persons Living with HIV all Stages

National - 2018

The distribution of living HIV cases by race nationally is

% Among HIV

30% White

41% Black

23% Hispanic

6% other races

Delaware - 2019

Delaware's living HIV cases through 2019 by race are

% Among HIV

31% White

57% Black

8% Hispanic

3% other races

Email Questions To
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