

# 2015 Ryan White Part A Charlotte Transitional Grant Area (TGA)

## HIV/AIDS Surveillance Data Update

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Overview



New Infections



Testing



PLWHA

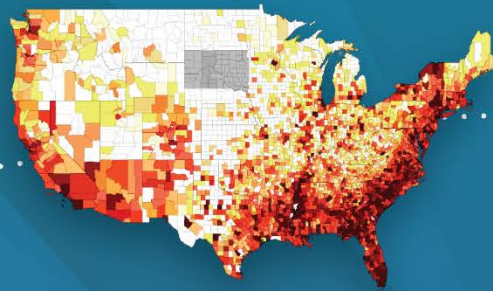


Questions???

# National Snapshot of HIV/AIDS

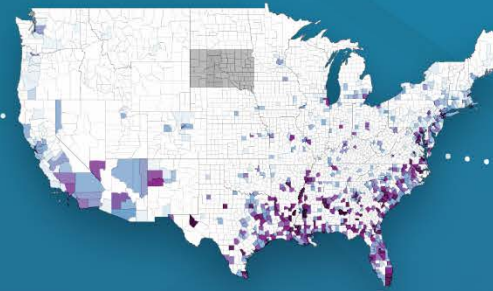
**35 YEARS AGO**

the U.S. reported  
the very first case  
of **AIDS**



more than **1.2 million** people  
in the U.S. are living with HIV

**TODAY**



and **44,000** people were  
newly diagnosed in 2014

**THE END OF AIDS**

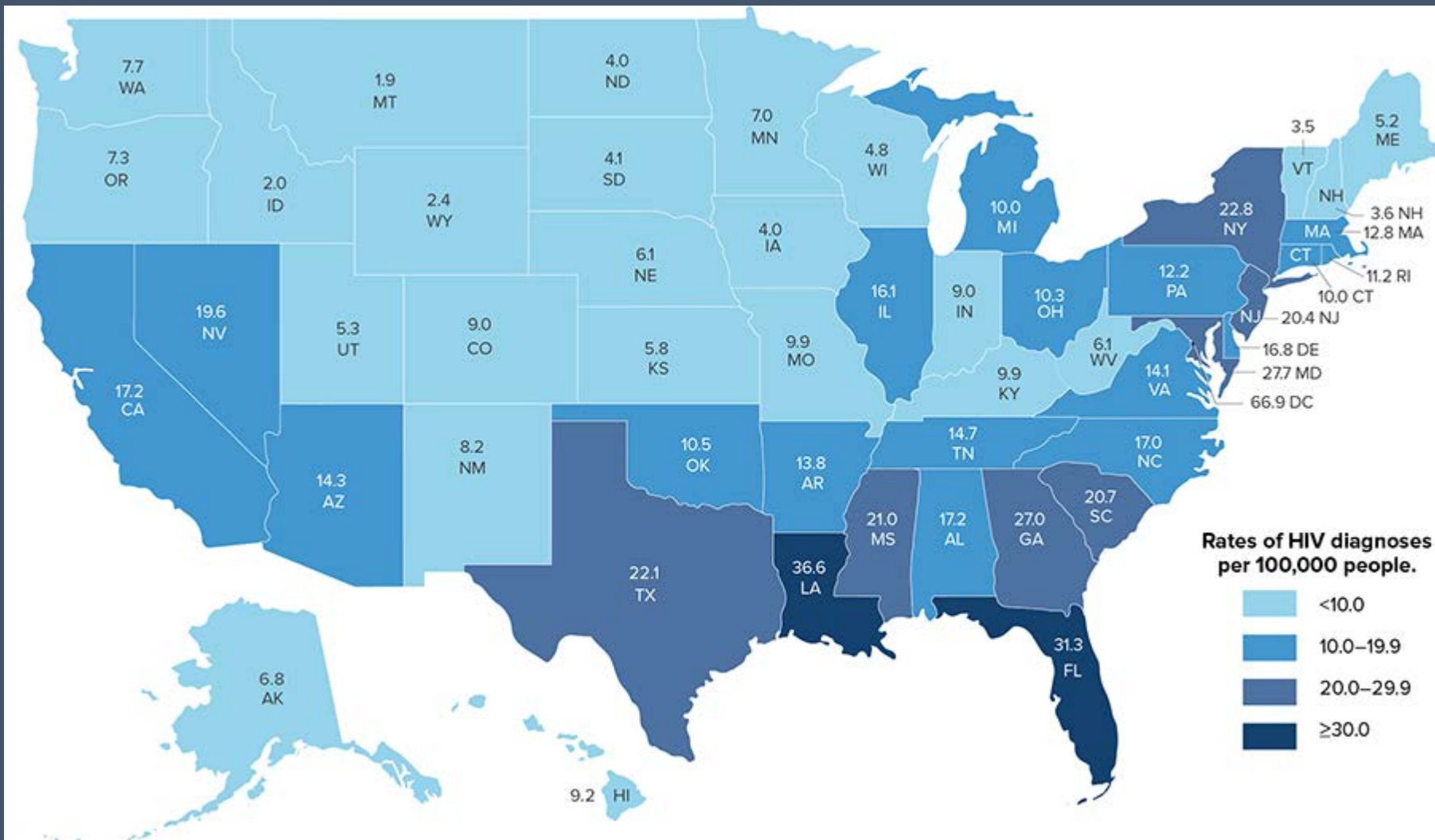
is possible with  
testing & care



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with HIV

44,000 people were newly  
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# Rates of HIV Diagnoses Among Adults and Adolescents in the US in 2014, by State



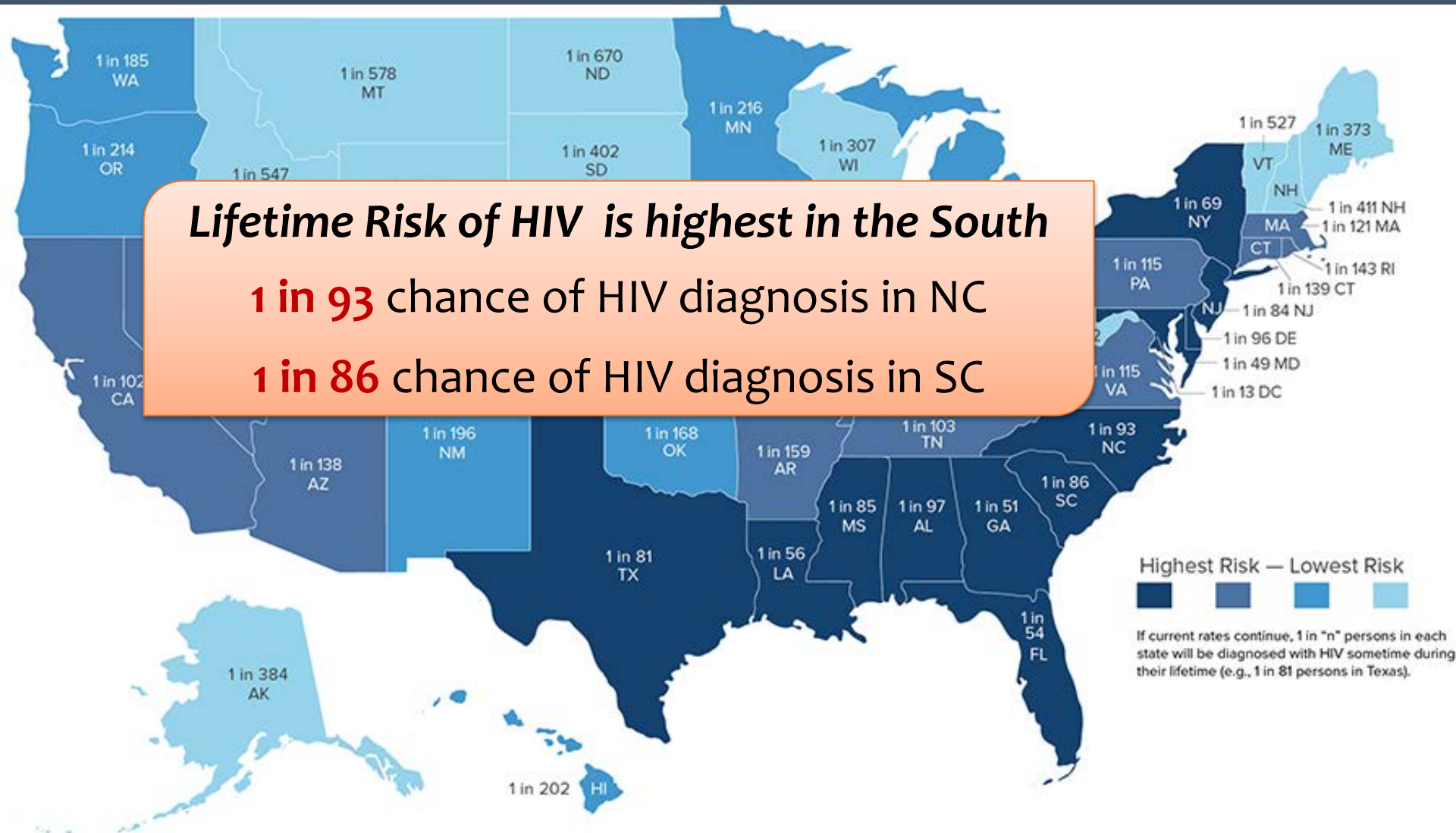
Source: CDC. [Diagnoses of HIV infection in the United States and dependent areas, 2014](#). *HIV Surveillance Report* 2015;26.

# Lifetime Risk of HIV, by State

***Lifetime Risk of HIV is highest in the South***

**1 in 93** chance of HIV diagnosis in NC

**1 in 86** chance of HIV diagnosis in SC



Highest Risk — Lowest Risk



If current rates continue, 1 in "n" persons in each state will be diagnosed with HIV sometime during their lifetime (e.g., 1 in 81 persons in Texas).



# Ryan White Program: Charlotte TGA

- Includes 5 counties in NC

- **Anson**
- **Cabarrus**
- **Gaston**
- **Mecklenburg**
- **Union**

- Includes 1 county in SC

- **York**

- Nearly 2.3 million people live in the region.

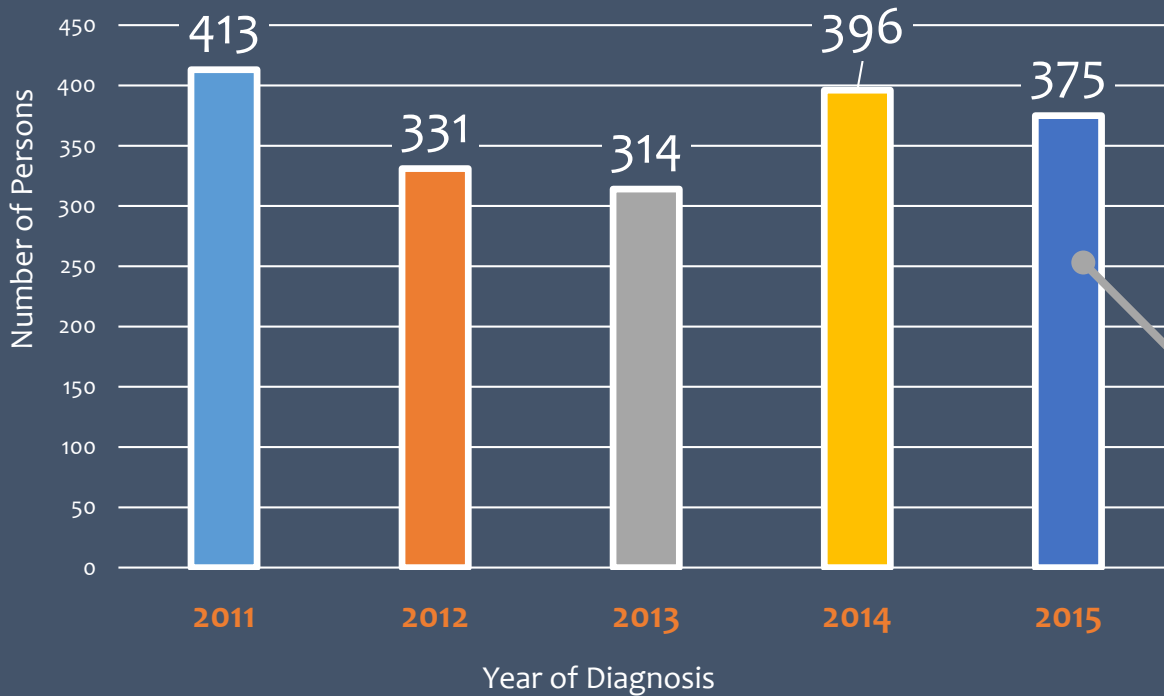
Large Metropolitan Statistical Area (MSA)  
Population Growth Trends

MSA Region	2000-2010		1990-2000	
	Population Change (%)	Rank	Population Change (%)	Rank
Las Vegas-Paradise (NV)	41.8	1	85.5	1
Raleigh-Cary (NC)	41.8	1	47.3	3
Austin-Round Rock (TX)	37.3	3	47.7	2
<b>Charlotte-Gastonia-Concord (NC)</b>	<b>32.1</b>	<b>4</b>	<b>29.8</b>	<b>8</b>
Orlando-Kissimmee (FL)	29.8	5	34.3	6
Riverside-San Bernardino-Ontario (CA)	29.8	5	25.7	11
Phoenix-Mesa-Scottsdale (AZ)	28.9	7	45.3	4
Houston-Sugar Land-Baytown (TX)	26.1	8	25.2	13
San Antonio (TX)	25.2	9	21.6	16
Atlanta-Sandy Springs-Marietta (GA)	24.0	10	38.4	5

Source: US Census 2010



## Number of Newly Diagnosed Persons with HIV\* in the Charlotte Transitional Grant Area, 2011 - 2015



2015 New HIV Diagnoses by County (Percent of Total)	
Anson	1%
Cabarrus	3%
Gaston	8%
Mecklenburg	77%
Union	5%
York, SC	6%

\*All persons diagnosed with HIV infection by year of first diagnosis, regardless of the stage of infection (HIV or AIDS)

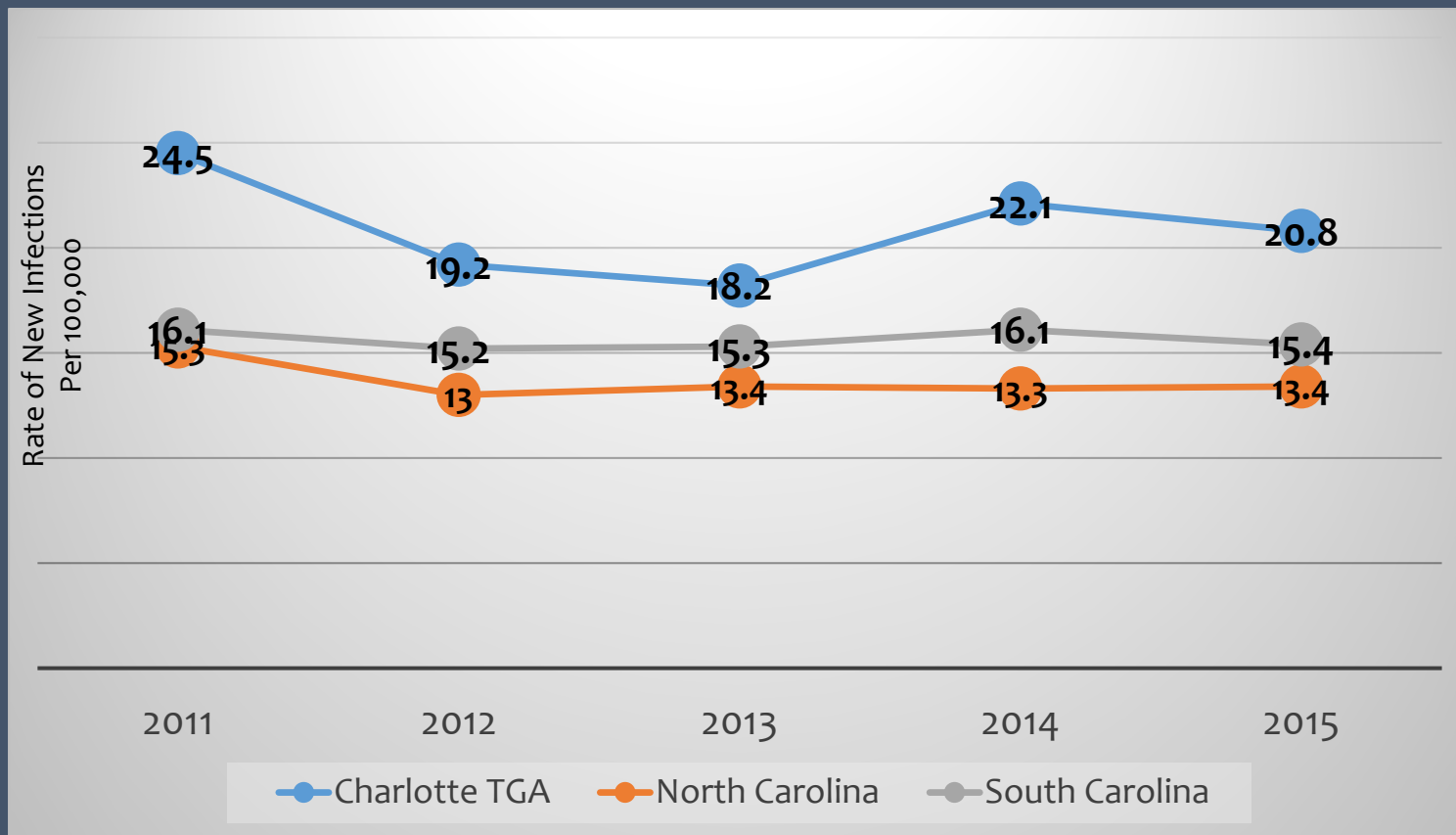
Source: NC DHHS, HIV/STD Prevention and Care Unit  
SC DHEC, HIV/AIDS Surveillance Unit

Prepared by: MCHD Epidemiology Program 08/2016



## 2015 Ryan White Part A Epi Update: New Infections

### 2011 – 2015 Rate of Newly Diagnosed Persons with HIV\*(per 100,000) in the Charlotte Transitional Grant Area, NC and SC



\*All persons diagnosed with HIV infection by year of first diagnosis, regardless of the stage of infection (HIV or AIDS)

Source: NC DHHS, HIV/STD Prevention and Care Unit

SC DHEC, HIV/AIDS Surveillance Unit

Prepared by: MCHD Epidemiology Program 08/2016



## 2015 Ryan White Part A Epi Update: **Testing Efforts**

### 2015 HIV Testing Efforts at Public Health Funded Counseling and Testing Sites by County

County	Number of Tests	Overall Positivity Rate	% New Positives
Anson, NC	880	0.3%	0.1%
Cabarrus, NC	2,024	0.5%	0.4%
Gaston, NC	6,912	0.8%	0.3%
Mecklenburg, NC	17,332	2.5%	1.3%
Union, NC	1,479	0.9%	0.6%
York, SC	858	1.2%	---
<b>TOTAL TGA</b>	<b>29,485</b>	<b>1.8%</b>	<b>0.9%</b>

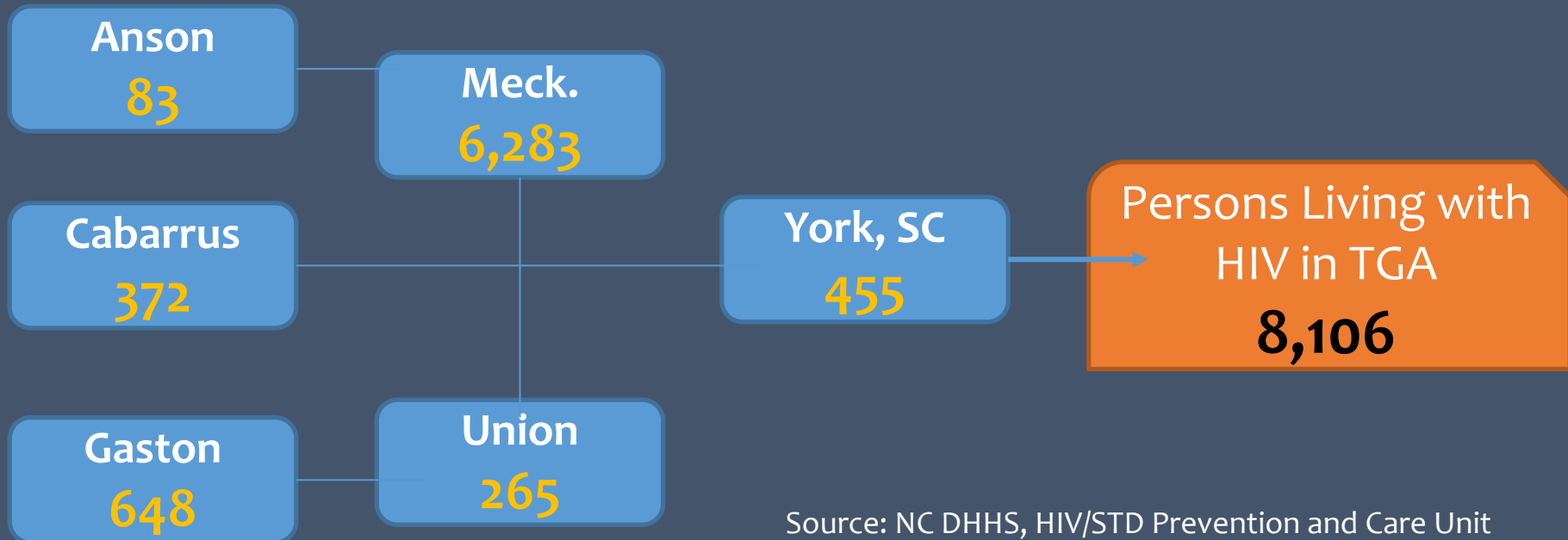
Source: NC DHHS, HIV/STD Prevention and Care Unit  
SC DHEC, HIV/AIDS Surveillance Unit

Prepared by: MCHD Epidemiology Program 08/2016





## Persons Living with HIV\* in Charlotte TGA as of 12/31/2015 by County of Current Residence

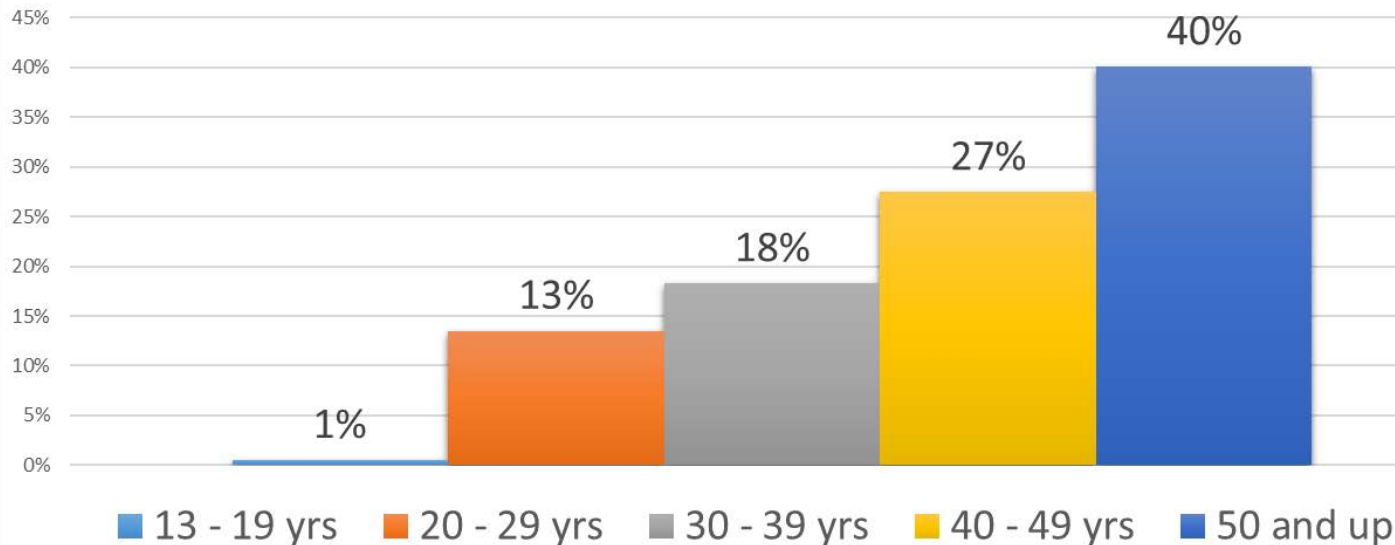


Source: NC DHHS, HIV/STD Prevention and Care Unit  
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Prepared by: MCHD Epidemiology Program 08/2016



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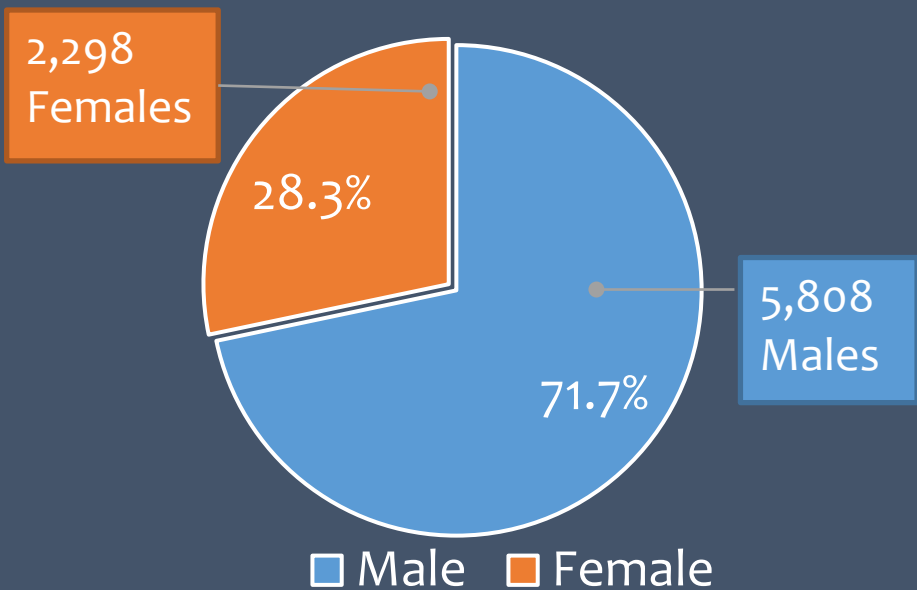
Persons Living with HIV in Charlotte TGA by Current Age  
Total = 8,106



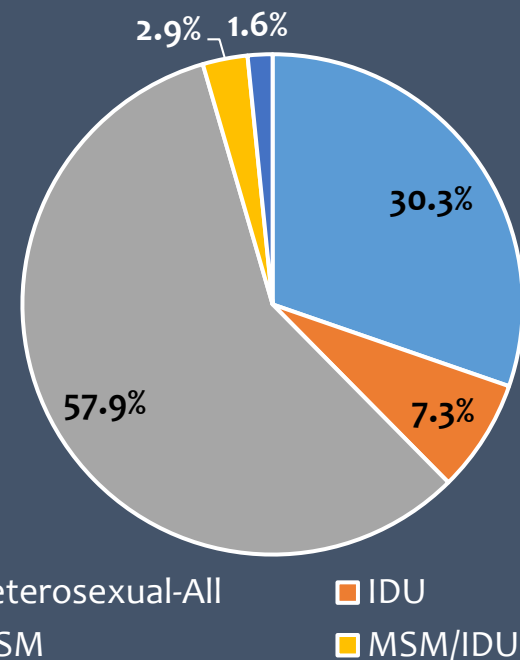


**Persons Living with HIV\* in Charlotte TGA as of 12/31/2015  
by County of Current Residence **Total = 8,106****

By Gender



By Exposure Category

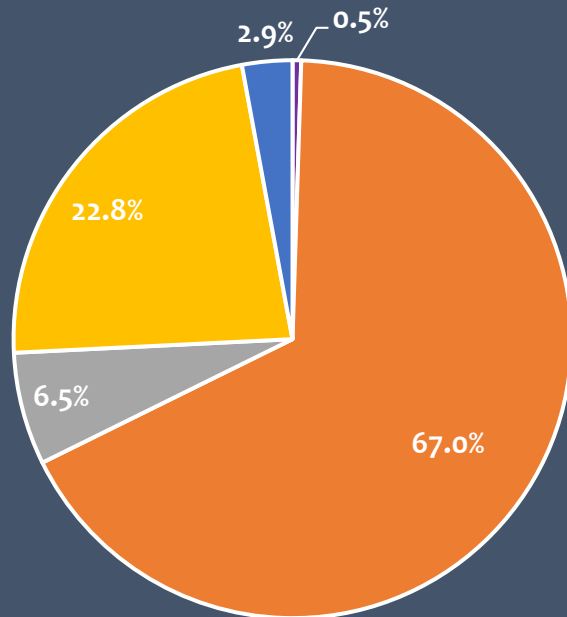


Source: NC DHHS, HIV/STD Prevention and Care Unit  
SC DHEC, HIV/AIDS Surveillance Unit

Prepared by: MCHD Epidemiology Program 08/2016

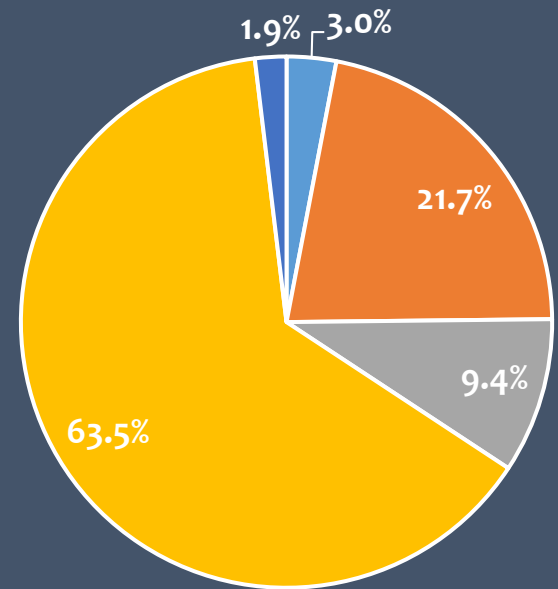
# Racial and Ethnic Differences among Persons Living with HIV in Charlotte TGA

Persons Living with HIV in Charlotte TGA  
by Race/Ethnicity  
Total= 8,106



- Asian/Pacific Islander
- Black/African American
- Hispanic/Latino
- White/Caucasian
- Multiple Race

Persons Living Residing in Charlotte TGA  
by Race/Ethnicity  
Total= 2,298,915



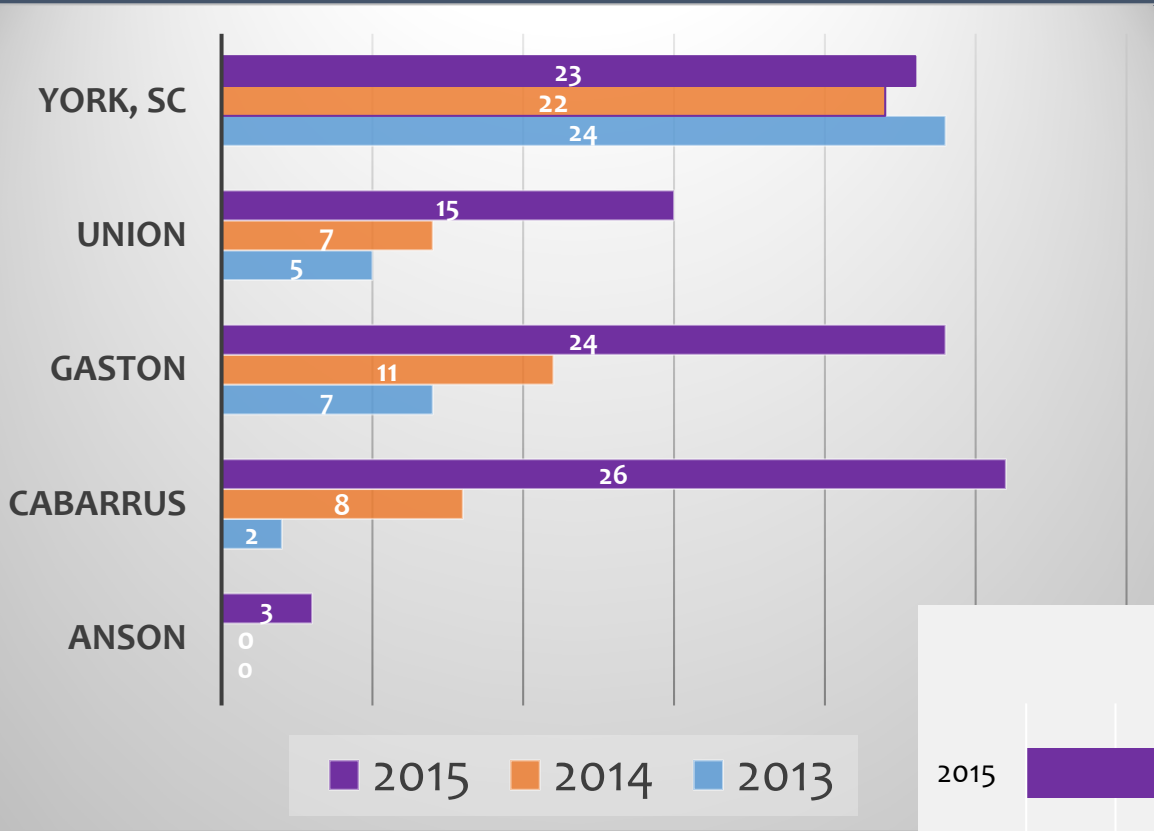
- Asian/Pacific Islander
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Source: NC DHHS, HIV/STD Prevention and Care Unit  
SC DHEC, HIV/AIDS Surveillance Unit  
US Census Bureau

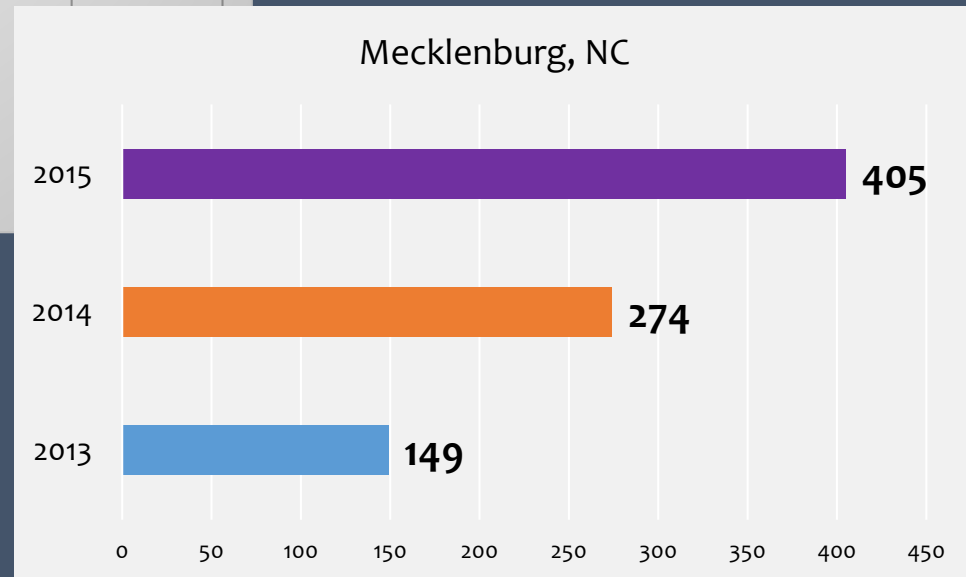
Prepared by: MCHD Epidemiology Program 08/2016

# Syphilis Cases Increase Across TGA

2013 – 2015 Newly Diagnosed Early Syphilis (Primary, Secondary, Early Latent) Cases

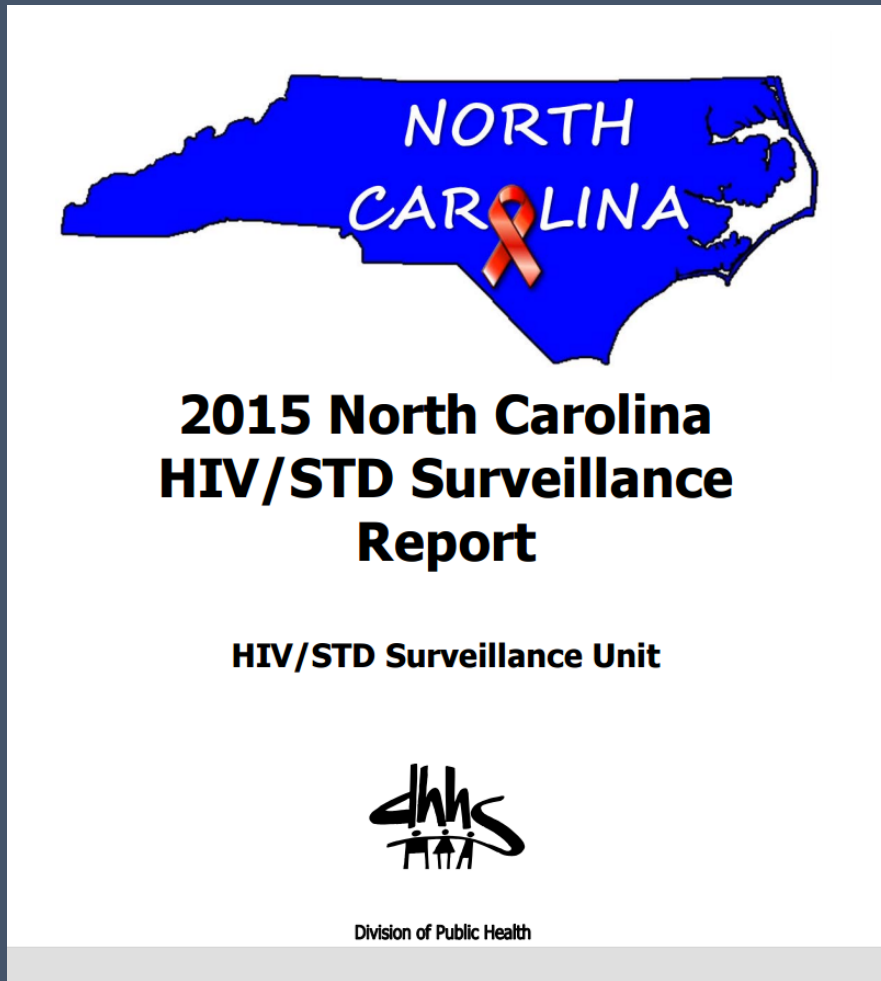


- Between 2013 and 2015 Early Syphilis cases increased by 14% in the TGA
- Increases were most noted in Cabarrus, Gaston, Union and Mecklenburg.

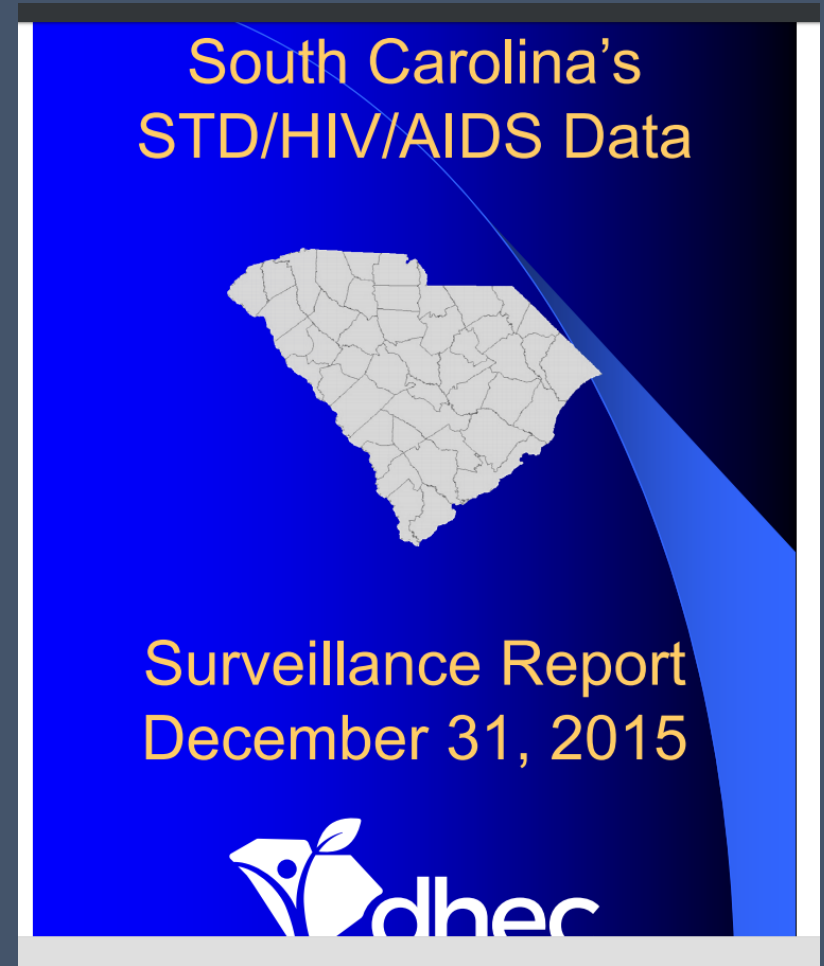


Source: NC DHHS, HIV/STD Prevention and Care Unit  
 SC DHEC, HIV/AIDS Surveillance Unit

# Additional HIV Surveillance Data



Online at:  
<http://epi.publichealth.nc.gov/cd/stds/figures/std15rpt.pdf>



Online at:  
[www.scdhec.gov/Health/DiseasesandConditions/  
InfectiousDiseases/HIVandSTDs/DataandReports/](http://www.scdhec.gov/Health/DiseasesandConditions/InfectiousDiseases/HIVandSTDs/DataandReports/)