More than 1.1 million people in the US are living with HIV.

39,500 people were newly diagnosed in 2015.

Number of new infections fell 10% between 2010 and 2014.


Lifetime Risk for HIV is HIGHEST in the South

In North Carolina

1 in 93

chance of being diagnosed with HIV at some point in life.
More than **6,630** people in Mecklenburg are living with HIV

264 people were newly diagnosed in 2016

Number of New Infections fell 14% Between 2014 and 2016

Source: NC DHHS, HIV/STD Prevention and Care Unit. Mecklenburg County Data
Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017
While HIV Infection rates in NC are fairly stable; ...Mecklenburg *Rates are declining*

18% decline

in HIV case rates between 2014 and 2016

Source: NC DHHS, HIV/STD Prevention Care Unit, 2016 HIV/STD Surveillance Report
Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017
HIV in Mecklenburg: How Do We Compare?

In 2015, the Charlotte Metropolitan area ranked 25th in the Nation for rate of new HIV diagnosis.

Source: CDC. Diagnoses of HIV infection in the United States and dependent areas, 2015

Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017

Map Source: Charlotte Chamber of Commerce
HIV in Mecklenburg: How Do We Compare?

Between 2014 – 2016, Mecklenburg County ranked 2nd in NC for rate of new HIV diagnosis.

Bertie County ranked #1 for rate of new HIV dx (2014 – 2016), but with fewer cases (n= 20 HIV Dx.)

Source: NC DHHS, HIV/STD Prevention and Care Unit, 2016 HIV/STD Annual Report
Prepared by: Mecklenburg County Public Health, Epidemiology Program 10/2017

Map Source: Charlotte Chamber of Commerce
The Face of HIV in Mecklenburg County

Based on 2016 New HIV Diagnoses  n= 264

Nearly 1 in 5 are Young Adults (aged 20 – 24 yrs)

70% are African American

80% are Males

Source: NC DHHS, HIV/STD Prevention Care Unit, Mecklenburg Count Line List Data
HIV rates are higher in areas with Low Educational Attainment

Source: AIDSvu.org, Charlotte NC Mapping
HIV rates are higher in areas with more Poverty

Source: AIDSvu.org, Charlotte NC Mapping
HIV medicines help people with HIV Live Longer, Healthier Lives

Better access to care will improve life expectancy for persons with HIV

<table>
<thead>
<tr>
<th>Life expectancy of person with HIV</th>
<th>71 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>taking HIV meds</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Life expectancy of person with HIV</th>
<th>32 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>without meds</td>
<td></td>
</tr>
</tbody>
</table>

HIV disease burden is increasing ... creating a strain on public health infrastructure

As more persons with HIV gain access to care and in the absence of a cure, the number of persons living with HIV will dramatically increase.

Persons Living with HIV in Mecklenburg in 2012

4,992

Persons Living with HIV in Mecklenburg in 2016

6,630

Source: NC DHHS, HIV/STD Surveillance Reports 2012 - 2016
For More Information on HIV and other STDs, visit the:

2017 Mecklenburg County Community Health Assessment

https://www.mecknc.gov/HealthDepartment/HealthStatistics/Pages/Community-Health-Assessment.aspx