

2008 Mecklenburg County HIV/STD Case Reports and Annual Case Rates

(By Race/Ethnicity)

Mecklenburg County Residents		HIV Disease			Chlamydia			Gonorrhea			Early Syphilis		
Race/Ethnicity	2008 Population Estimate*	Cases	Pct	Rate* (Per 100,000)	Cases	Pct	Rate* (Per 100,000)	Cases	Pct	Rate* (Per 100,000)	Cases	Pct	Rate* (Per 100,000)
White**	485,132	109	22%	22.5	633	15%	130.5	168	9%	34.6	21	22%	4.3
Black**	255,085	361	72%	141.5	2873	68%	1126.3	1578	85%	618.6	66	70%	25.9
Hispanic	96,214	20	4%	20.8	313	7%	325.3	38	2%	39.5	7	8%	7.3
Other/ Unknown***	54,084	8	2%	14.8	402	10%	743.3	81	4%	149.8	0	0	0.0
Total	890,515	498	100%	55.9	4221	100%	474.0	1865	100%	209.4	94	100%	10.6

Notes

HIV disease refers to all people infected with the human immunodeficiency virus, regardless of an AIDS defining condition. AIDS cases are a subset of HIV disease.

Syphilis is a curable sexually transmitted infection caused by a bacterium called *Treponema pallidum*. The course of the disease is divided into four stages – primary, secondary, latent, and tertiary (late). Early syphilis includes primary, secondary and latent stages of the disease.

Chlamydia is a curable sexually transmitted infection, which is caused by a bacterium called *Chlamydia trachomatis*. It can cause serious problems in men and women as well as in newborn babies of infected mothers.

Gonorrhea is a curable sexually transmitted infection caused by a bacterium called *Neisseria gonorrhoeae*.

*Rate Calculations based upon 2008 Population Estimates from the American Community Survey (US Census Bureau) and are expressed as cases per 100,000 population. Each rate is calculated by dividing the number of cases reported in a geographic area during a specific time period by the area's population during that time period, multiplied by 100,000.

** Non Hispanic

*** Other/Unknown includes Asians, American Indian/Alaskan Natives and persons of more than one racial category

Data Source: NC DHHS, HIV/STD Prevention and Care Branch
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