

Sexually Transmitted Diseases Monthly Report for Nashville/Davidson County

STD/HIV Intervention and Prevention Program of Metro Public Health Department



MetroPublicHealthDept
Nashville/Davidson County
Promoting and Protecting Health

Picture: Female Crab Lice
From CDC



Summary of Reported Cases March 2014

Note: Data are provisional as of May 13, 2014. Percentages are rounded to the nearest whole number.

There were 435 cases of chlamydia, gonorrhea and syphilis* reported; a 8% decrease from February 2014, the previous month.

60% of chlamydia cases and 61% of gonorrhea cases were among persons ages 15-24 years.

The median age of reported syphilis* cases was 35 years.

69% of chlamydia and primary and secondary syphilis cases were diagnosed by private MD/HMO; 40% of gonorrhea cases were diagnosed in STD clinics.

For the Year to Date (May 2014), 3% of persons reported with an STD were co-infected with HIV.

MPHD STD/HIV Program Data: March 2014

1386 patients made 1569 visits, receiving an average of 3.6 (median of 2.0) services per visit in the STD Clinic. There were 5,658 procedures for these clients. We diagnosed 75 chlamydia cases, 32 gonorrhea cases, and 7 syphilis cases (2 primary and secondary, 1 early latent and 4 late syphilis* cases).

157 patients received services through STD Outreach. There were 500 procedures for these clients. Through outreach, we diagnosed 29

chlamydia, 1 gonorrhea and 0 syphilis cases.

We conducted 534 RPRs (syphilis tests), 1220 HIV tests, and 742 GenProbes (tests for chlamydia and gonorrhea).

* Not including congenital and neurosyphilis cases.

MPHD HIV Testing

	Number of Tests	Number of New Positives		Number of Tests	Number of New Positives
TOTAL	1220	3	Hispanic	56	1
Male	798	3	NH Black	737	2
Female	422	0	NH White	415	0
Transgender	0	0	Other	0	0
Native American	1	0	Unknown	3	0
NH Asian/Pacific Islander	8	0	Local sero-positive rate: 0.2%		

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Reported STD Morbidity, 2014 and 2013 Davidson County, TN

Disease	March 2014	March 2013	Percent Change	Cumulative 2014	Cumulative 2013	Percent Change
Chlamydia	331	377	-12.2%	1,122	1,074	4.5%
Gonorrhea	87	101	-13.9%	301	380	-20.8%
Syphilis, Total	17	18	-5.6%	55	59	-8.8%
Early Syphilis	6	7	-14.3%	26	29	-10.3%
Syphilis, P & S	3	4	-25.0%	14	11	27.3%
Syphilis, Early Latent	3	3	0.0%	12	18	-33.3%
Latent & LL ¹	11	11	0.0%	29	30	-3.3%
Congenital & Late Syphilis ²	0	0	0.0%	0	0	0.0%
Total Reported	435	496	-12.3%	1,478	1,513	2.3%

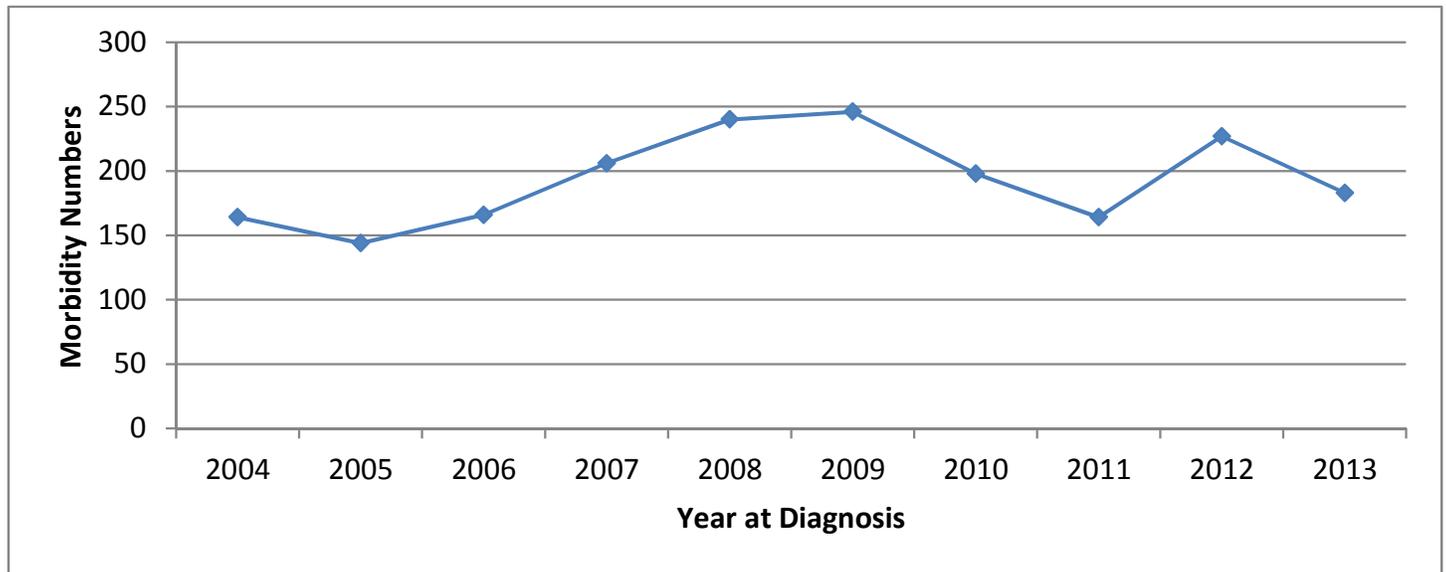
Note: Data are subject to change due to updates and upon validation by the Tennessee Department of Health. Cumulative refers to total counts for the year listed through the end of the month listed in the report.

Source: PRISM (Patient Reporting Investigation Surveillance Manager) as of March 04, 2014.

¹Including latent syphilis (of unknown duration), and late latent syphilis.

²Including congenital syphilis, neurosyphilis, and late syphilis with symptomatic manifestations.

Yearly Case Count of Primary & Secondary Syphilis Cases, Davidson County, TN:2004–2013



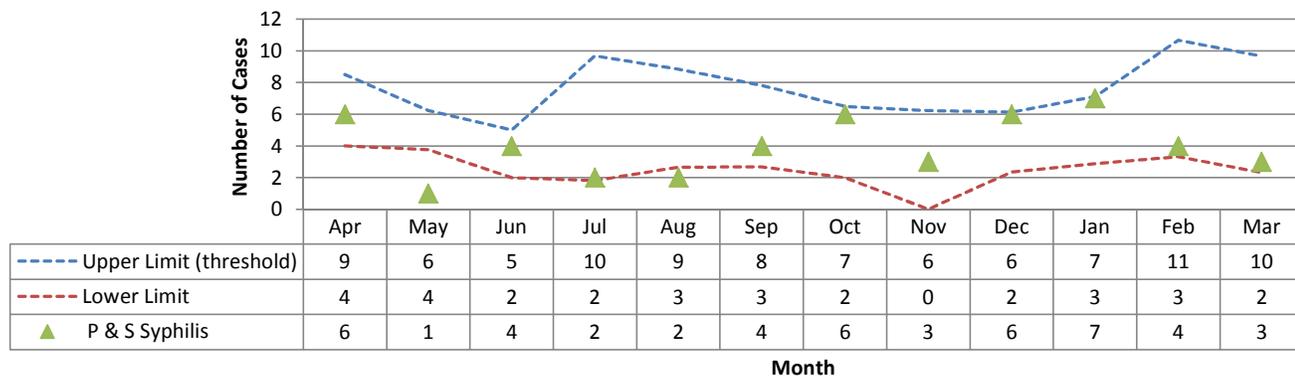
Reported Sexually Transmitted Diseases, Davidson County, TN 2004–2013

Year	Chlamydia		Gonorrhea		Syphilis									
					Syphilis All Stages		P&S		Early Latent		Latent & Late Latent		Congenital or Late	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
2004	2664	466.4	1221	213.8	164	28.7	15	2.6	22	3.9	124	21.7	3	...
2005	2819	490.8	1116	194.3	144	25.1	24	4.2	21	3.7	99	17.2	0	0
2006	2978	514.6	1311	226.5	166	28.7	34	5.9	36	6.2	96	16.6	0	0
2007	3038	521.5	1290	221.5	206	35.4	71	12.2	41	7.0	94	16.1	0	0
2008	3526	561.3	1124	178.9	240	38.2	79	12.6	46	7.3	115	18.5	0	0
2009	3569	561.4	847	133.2	246	38.6	66	10.4	58	9.1	121	19.0	1	...
2010	3471	559.3	960	154.7	198	31.9	58	9.3	53	8.5	87	14.0	0	0
2011	4019	647.6	1235	199.0	164	26.4	59	9.5	27	4.4	78	12.6	0	0
2012	3837	591.9	1309	201.9	227	35.0	75	11.6	42	6.5	107	16.5	3	..
2013	4004	617.6	1297	200.1	183	28.2	42	6.5	52	8.0	89	13.7	0	...

Data Source: 2004–2005 case counts from NETSS (National Electronic Telecommunications System for Surveillance), Tennessee Department of Health, HIV/AIDS/STD Surveillance and Data Management; 2006–2013 case counts from PRISM (Patient Reporting Investigation Surveillance Manager), Metro Public Health Department.

Rates are per 100,000 population.

Primary & Secondary Syphilis Cases in the Last 12 Months



Note: Each range between lower limit and upper limit is calculated based on formula : Mean ± 1.5 SD. Mean is the average of number of P & S syphilis cases reported in the same months for the previous 4 years (48 months), not including past 12 months, and SD is standard deviation.

Metro Nashville Public Health Department
311 23rd Avenue North
Nashville, TN 37203

The STD/HIV clinic at Metro Public Health
Department is located at:

Room 116
Lentz Public Health Center
311 23rd Avenue North
Nashville, TN 37203

(615) 340-5647

Clinic Hours

Monday–Friday

8:00 AM–4:30 PM, patient cut-off: 3:30 PM,

Walk-in service is provided.

The cost for:

STD examination and treatment is \$10;

HIV and syphilis tests are free;

All services for Youth aged 13-17 years are free.

ALL SERVICES ARE CONFIDENTIAL.

We're on the web!

<http://health.nashville.gov/HealthData>

Do You Know? --- Sexual partner network is one of the major risk for sexually transmitted diseases

Unfortunately this risk is worsened by what can be termed as institutional racism.

According to Adimora, A.A., et al., incarceration and the resultant “male shortage” can affect rates of STDs by causing a gender imbalance, decreasing marriage rates, altering sexual networks, and increasing concurrency or overlapping of sex partners for both men and women

(Adimora, A.A., et al., in Concurrent sexual partnerships among women in the United States. *Epidemiology*, 2002. 13(3): p. 320-7)