

# Sexually Transmitted Diseases Monthly Report for Nashville/Davidson County

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



**Metro Public Health Dept**  
Nashville/Davidson County

## Summary of Reported Cases February 2013

Note: Data are provisional as of August 01, 2013. Percentages are rounded to the nearest whole number.

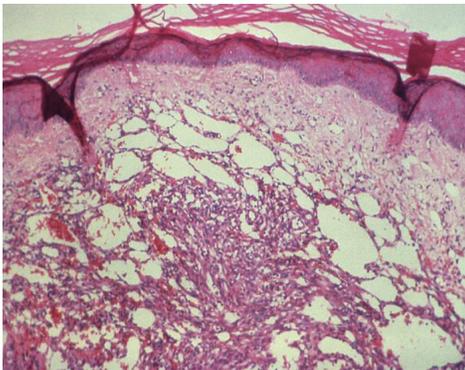
There were 507 cases of chlamydia, gonorrhea and syphilis\* reported; a 7% increase from January 2013.

66% of chlamydia cases and 40% of gonorrhea cases were among persons ages 15-24 years. The median age of reported syphilis\* cases was 33 years.

74% 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 (February 2013), 4% of persons reported with an STD were co-infected with HIV. 95% were diagnosed with HIV/AIDS at least 1 year prior to current STD exposure, and 10% were concurrently diagnosed.

Picture: Kaposi's sarcoma micrograph  
From CDC, Dr. Peter Drotman.



## MPHD STD/HIV Program Data: February 2013

1,098 patients made 1,242 visits, receiving an average of 4.4 (median of 4.0) services per visit in the STD Clinic. There were 5,560 procedures for these clients. We diagnosed 73 chlamydia cases, 41 gonorrhea cases, and 8 syphilis\* cases (1 primary or secondary, 4 early latent, 3 latent & late latent).

164 patients received services through STD Outreach. There were 573 procedures for these clients. We diagnosed 0 chlamydia, 0 gonorrhea,

and 0 syphilis cases.

223 people received 443 services at the jail.

We conducted 609 RPRs (syphilis tests), 853 HIV tests, and 693 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	853	2	Hispanic	35	0
Male	569	2	NH Black	544	2
Female	284	0	NH White	268	0
Transgender	0	0	Other	0	0
Native American	0	0	Unknown	2	0
NH Asian/Pacific Islander	4	0	Local sero-positive rate: 0.2%		

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## Reported STD Morbidity, 2013 and 2012 Davidson County, TN

Disease	February 2013	February 2012	Percent Change	Cumulative 2013	Cumulative 2012	Percent Change
Chlamydia	373	322	15.8%	772	644	19.9%
Gonorrhea	117	118	>-1%	272	228	19.3%
Syphilis, Total	17	13	30.8%	37	31	19.4%
Early Syphilis	9	7	28.6%	17	11	35.3%
Syphilis, P & S	3	6	-50%	5	8	-37.5%
Syphilis, Early Latent	6	1	500%	12	3	300%
Latent & LL <sup>1</sup>	8	6	330%	19	19	0.0%
Congenital & Late Syphilis <sup>2</sup>	0	0	-	1	1	0.0%
Total Reported	507	453	3.1%	1081	903	19.7%

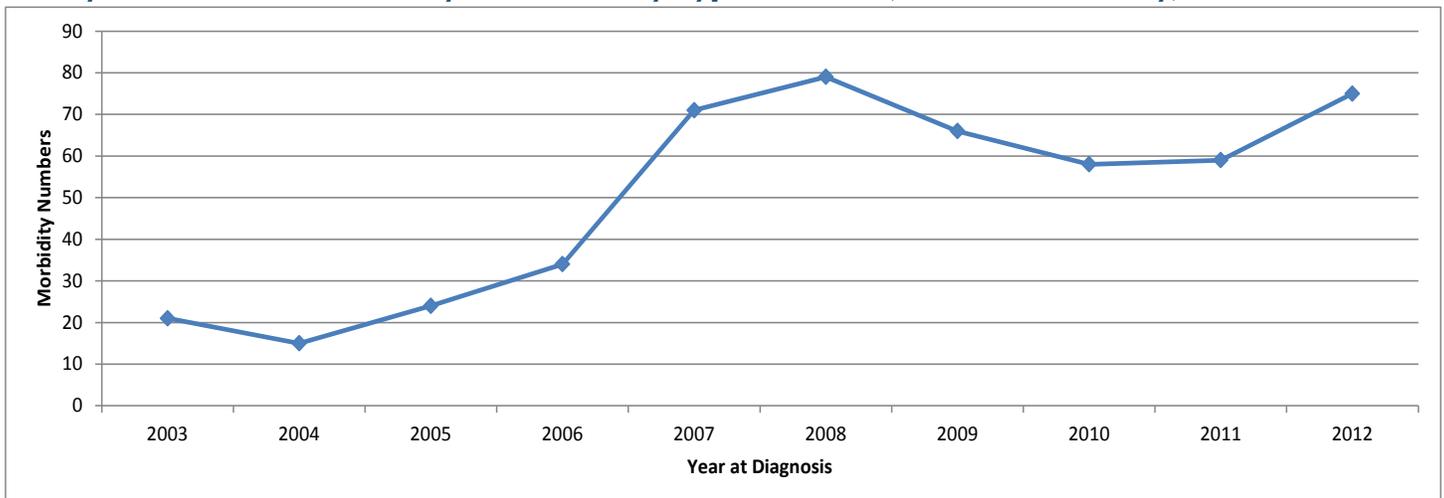
Note: Data are subject to change due to updates and upon validation by the Tennessee Department of Health. Cumulative refers to total counts for the year listed through the end of the month listed in the report.

Source: PRISM (Patient Reporting Investigation Surveillance Manager) as of August 01, 2013.

<sup>1</sup>Including latent syphilis (of unknown duration), and late latent syphilis.

<sup>2</sup>Including congenital syphilis, neurosyphilis, and late syphilis with symptomatic manifestations.

## Yearly Case Count of Primary & Secondary Syphilis Cases, Davidson County, TN:2003–2012



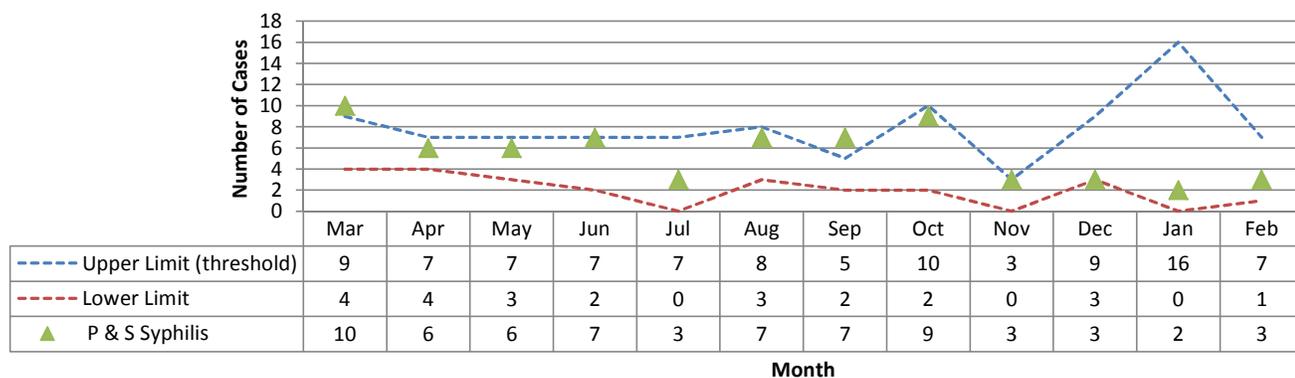
## Reported Sexually Transmitted Diseases, Davidson County, TN 2003–2012

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
2003	2653	466.2	1492	262.2	195	34.3	21	3.7	25	4.4	149	26.2	0	0
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	...

Data Source: 2003–2005 case counts from NETSS (National Electronic Telecommunications System for Surveillance), Tennessee Department of Health, HIV/AIDS/STD Surveillance and Data Management; 2006–2012 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? --- What are the symptoms in adults?**

The signs and symptoms of syphilis vary depending in which of the four stages it presents (primary, secondary, latent, and tertiary).

### **1. Primary Stage**

The appearance of a single sore marks the first (primary) stage of syphilis symptoms, but there may be multiple sores. The sore appears at the location where syphilis entered the body. The sore is usually firm, round, and painless. Because the sore is painless, it can easily go unnoticed. The sore lasts 3 to 6 weeks and heals regardless of whether or not a person is treated. However, if the infected person does not receive adequate treatment the infection progresses to the secondary stage.

Secondary stage is coming next...