

# 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

## Summary of Reported Cases May 2013

Note: Data are provisional as of December 3, 2013. Percentages are rounded to the nearest whole number.

There were 446 cases of chlamydia, gonorrhea and syphilis\* reported; a 3% increase from April 2013.

67% of chlamydia cases and 55% of gonorrhea cases were among persons ages 15-24 years. The median age of reported syphilis\* cases was

29 years.

72% of chlamydia and primary and secondary syphilis cases were diagnosed by private MD/HMO; 44% 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.

Picture: Primary syphilis infection tongue sore  
From CDC



## MPHD STD/HIV Program Data: May 2013

744 patients made 880 visits, receiving an average of 5.2 (median of 6.0) services per visit in the STD Clinic. There were 4,790 procedures for these clients. We diagnosed 71 chlamydia cases, 33 gonorrhea cases, and 4 syphilis\* cases (2 primary or secondary syphilis cases and 2 early latent cases..

37 patients received services through STD Outreach. There were 140 procedures for these clients. We diagnosed 0 chlamydia, 0 gonorrhea

and 0 syphilis cases.

We conducted 542 RPRs (syphilis tests), 528 HIV tests, and 635 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	528	6	Hispanic	13	0
Male	306	5	NH Black	336	1
Female	222	1	NH White	175	4
Transgender	0	0	Other	0	0
Native American	0	0	Unknown	1	0
NH Asian/Pacific Islander	3	1	Local sero-positive rate: 1%		

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

Disease	May 2013	May 2012	Percent Change	Cumulative 2013	Cumulative 2012	Percent Change
Chlamydia	353	297	18.9%	1,734	1,503	15.4%
Gonorrhea	82	114	-28.1%	578	529	9.3%
Syphilis, Total	11	22	-50.0%	82	88	-6.8%
Early Syphilis	7	10	-30.0%	44	47	-6.4%
Syphilis, P & S	2	5	-60.0%	19	32	-40.6%
Syphilis, Early Latent	5	5	0.0%	25	15	66.7%
Latent & LL <sup>1</sup>	4	11	63.6%	37	39	-5.1%
Congenital & Late Syphilis <sup>2</sup>	0	1	-100%	1	2	-50.0%
Total Reported	446	433	3.0%	2,394	2,120	12.9%

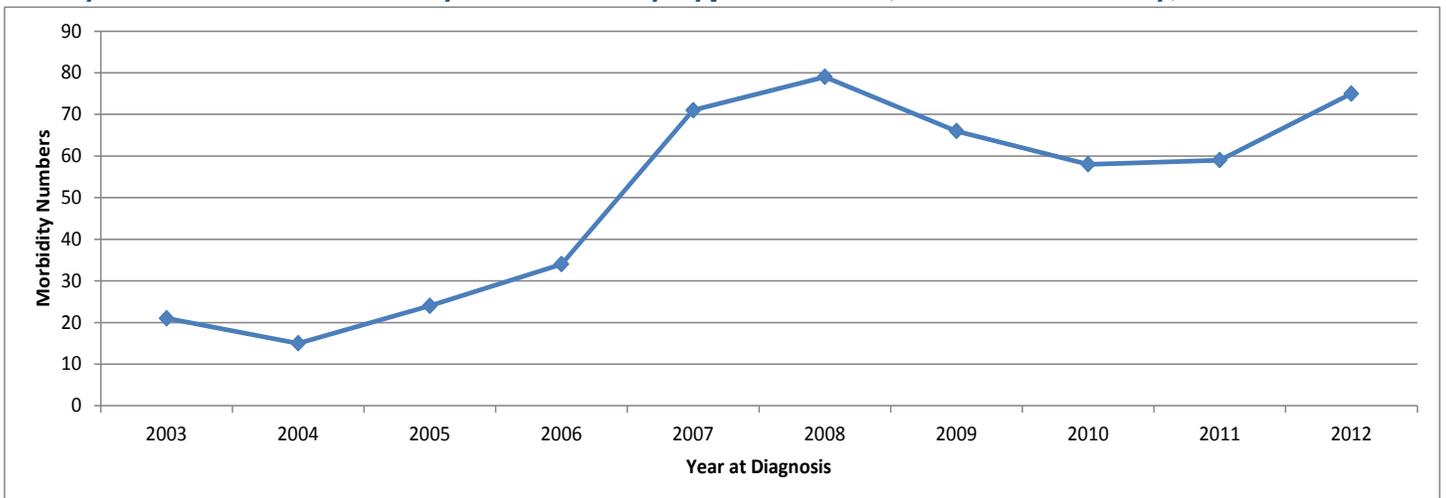
Note: Data are subject to change due to updates and upon validation by the Tennessee Department of Health. Cumulative refers to total counts for the year listed through the end of the month listed in the report.

Source: PRISM (Patient Reporting Investigation Surveillance Manager) as of December 03, 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



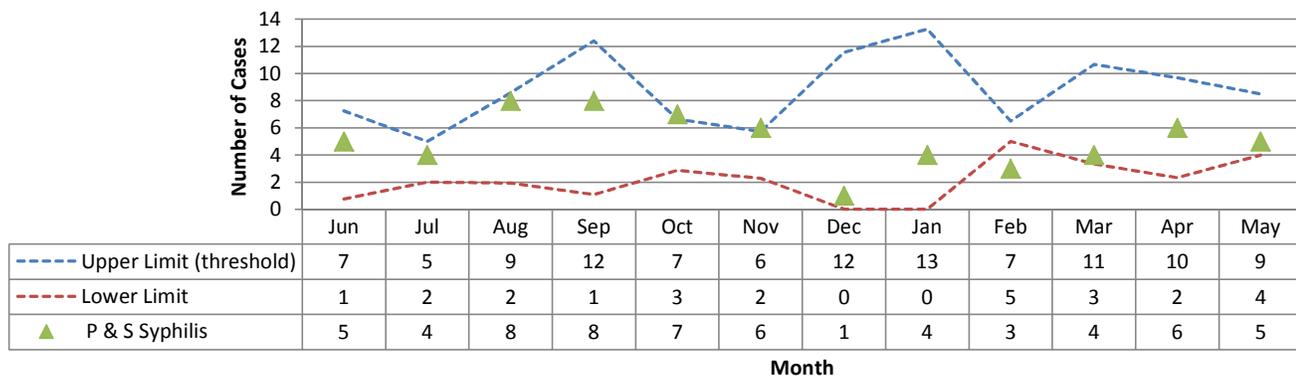
## Reported Sexually Transmitted Diseases, Davidson County, TN 2003–2012

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 of syphilis in adults?**

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

#### **Late Stage**

About 15% of people who have not been treated for syphilis develop late stage syphilis, which can appear 10–30 years after infection began. Symptoms of the late stage of syphilis include difficulty coordinating muscle movements, paralysis, numbness, gradual blindness, and dementia. In the late stages of syphilis, the disease damages the internal organs, including the brain, nerves, eyes, heart, blood vessels, liver, bones, and joints. This damage can result in death..

See its primary, secondary, and latent stages in the previous three issues