

DUTCHESS COUNTY DEPARTMENT OF HEALTH'S ANNUAL MORBIDITY REPORT

Marcus J. Molinaro, Dutchess County Executive

Kari Reiber, MD, Acting Commissioner of Health

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FIRST CONGENITAL SYPHILIS CASE IN DUTCHESS COUNTY SINCE 2007

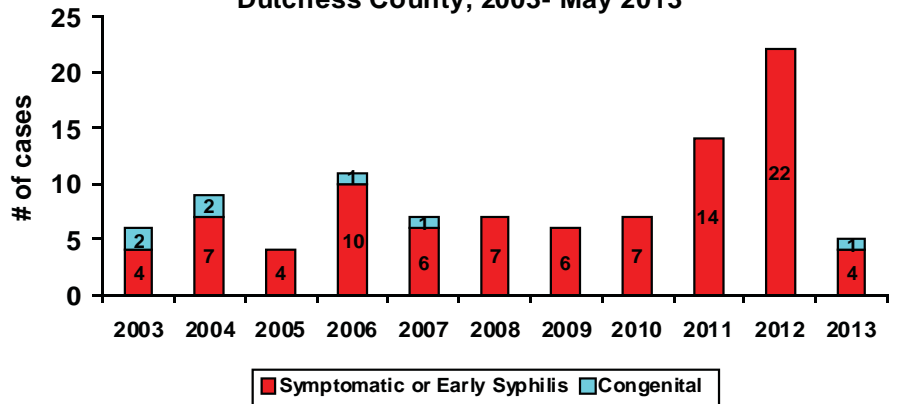
An adolescent sought prenatal care after inadvertently discovering she was pregnant while seeking evaluation for another health concern. At the time of her first prenatal exam, she was estimated to be 22 weeks pregnant. The provider did the appropriate prenatal screenings and the patient was negative for HIV and all STDs including syphilis; about 10 weeks later, the patient presented to the provider with complaint of rash on the hands and feet (a classic plantar/palmer rash). The provider did consider syphilis but did not repeat the syphilis serology. The patient stated she had no new sexual exposures since her last visit.

Approximately six weeks later, the patient was admitted for labor and delivery with an RPR of 1:32 and a confirmatory reactive FTA-ABS. During labor, the patient was given adequate treatment of Bicillin 2.4 million units IM. She had a vaginal delivery. The baby was treated with IV Penicillin G 154,000 units Q12hrs for 10 days. The infant's RPR was 1:16 and the FTA-ABS was reactive. A long bone scan showed no abnormalities and the chest x-ray was negative. The CSF VDRL was also negative. The baby remains asymptomatic. Prompt treatment is expected to eliminate progression to disease.

This is the first confirmed case of congenital syphilis in Dutchess County since 2007. The 2007 case was epidemiologically linked to the epidemic among MSM. The five other cases in the past 10 years were primarily among foreign-born mothers who received little or no prenatal care and entered the country near the end of the pregnancy; in some cases the linkage was not determined.

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Cases of Symptomatic or Early Syphilis and Congenital Syphilis Dutchess County, 2003- May 2013



Data Source: NYS Dept of Health Communicable Disease Electronic Surveillance System

The Dutchess County Department of Health's Mission is to protect and promote the health of individuals, families, communities, and the environment.

We are committed to the core functions of public health: Assessment, Assurance, and Policy Development.

We strive to deliver the essential services necessary for people to live healthy lives.

We are increasingly data-driven in our priority setting, applying our resources in ways that optimize prevention and risk reduction.

ON THE INSIDE

Morbidity Report Statistics pages 3-7

Now Playing:

DCDOH Annual Morbidity Report is Available online at:

<http://www.co.dutchess.ny.us/CountyGov/Departments/Health/14178.htm>

DutchessDelivery eSubscription Service for events, Public Health alerts, and services. Learn more and sign up at:

<http://www.co.dutchess.ny.us/CountyGov/21914.htm>

First Congenital Syphilis Case in Dutchess County Since 2007 - Continued

Current CDC Treatment Guidelines and New York State regulations recommend that a serologic test for syphilis be performed on all pregnant women at the first prenatal visit. Additionally, women who are at high risk for syphilis, or who have never been tested until their pregnancy should be screened again early in the third trimester. New York State regulation requires screening of all infants at delivery.

The incidence of early syphilis among men-who-have-sex-with-men (MSM) is rising at the national, state, and local levels. Because MSM may also have sex with females, the increase in cases of syphilis in this population magnifies the risk of infection among women of childbearing age as well their infants who are at greatest risk for severe sequelae including death.

Remember: MSM may also be having sex with women.

Recommendations:

1. Persons with syphilis should be screened for other STDs, including chlamydia, gonorrhea, and HIV.
2. Dutchess County Department of Health HIV/STD Program has resources available, including onsite training and information. Call 845-486-3402 to arrange a training session at your practice.
3. The following links offer diagnosis and treatment of syphilis information for providers.
<http://www.cdc.gov/std/training/webinars.htm>
<http://www.cdc.gov/std/syphilis/default.htm>
<http://www.cdc.gov/std/training/onlinetraining.htm>
<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5914a1.htm>
4. Obtain a copy of the 2010 STD Treatment Guidelines:
<http://www.cdc.gov/std/treatment/2010/default.htm>
5. Consider screening pregnant females more than once during pregnancy and obtain a detailed sexual history at each prenatal visit. Remember, a 90 day window period exists for serological conversion to syphilis.
6. Taking a detailed sexual history of all patients can give clues to a need for screening for syphilis and other STDs. Remember, even if the female patient is with the same partner, the partner may have had sex with another individual.

COMMUNICABLE DISEASES

Some of the most common communicable diseases and infections in Dutchess County are presented below. A comprehensive morbidity and mortality review is available in the 2013 Annual Community Health Status Report for Dutchess County, located on our website:

<http://www.co.dutchess.ny.us/CountyGov/Departments/Health/Publications/HD2013CommunityHealthStatusReport.pdf>

Disease ¹ (New cases per 100,000 population)	Dutchess County 2012	Dutchess County 2009-2011	NYS (excl NYC) 2009-2011
BLOOD-BORNE PATHOGENS			
Hepatitis B, Chronic	6.1	11.4	6.8
Hepatitis C, Chronic	76.6	139.5	60.8
SEXUALLY TRANSMITTED INFECTIONS			
Chlamydia	254.5	246.4	318.5
Gonorrhea, total	39.3	44.7	54.4
Early Latent Syphilis	2	2	1.2
Primary/Secondary Syphilis	1.3	1	1.4
GASTRO-ENTERIC INFECTIONS			
Campylobacteriosis *	13.1	11.8	14.8
E.Coli O157:H7	0	1.7	0.7
Giardiasis	7.4	8.4	11.3
Salmonellosis	9.7	14.5	12.6
Shigellosis	1.3	1.3	2.5
RESPIRATORY INFECTIONS			
Pertussis *	36.6	2.7	5.7
Streptococcus pneumoniae, invasive	6.4	10.8	11.7
Tuberculosis ***	1	2	2.3

* Confirmed and probable cases counted; Campylobacteriosis: confirmed and suspect cases

** Unofficial number

HIV and AIDS Case Rates * (exclusive of prison inmates)	People Living with HIV or AIDS (December 2011)		Average Annual Newly Diagnosed Cases ('09-'11)	
	Number	Prevalence per 100,000	Number	Rate per 100,000
HIV	248	83.2	17.3	5.8
AIDS	372	124.8	7.0	2.3

* Provisional, data as of September 9, 2013.

Note: Case rate (incidence) is by diagnosis year.

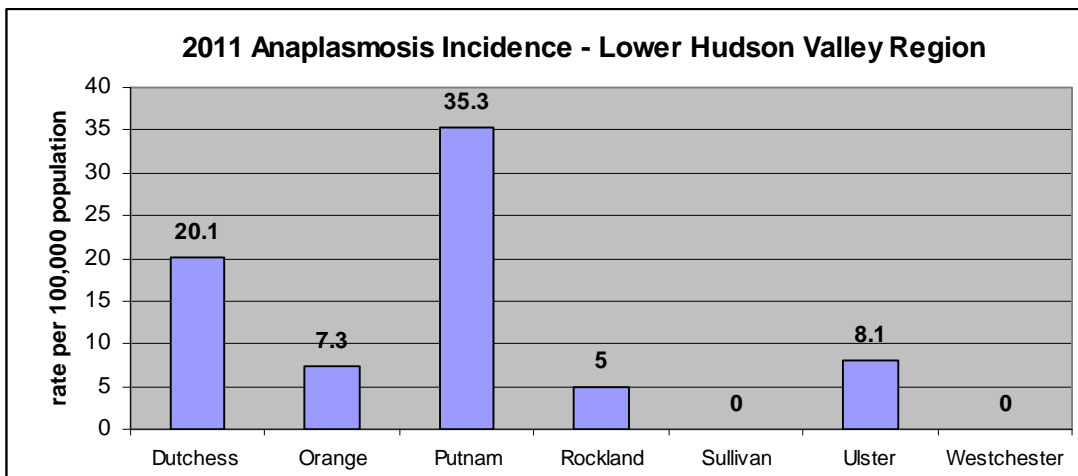
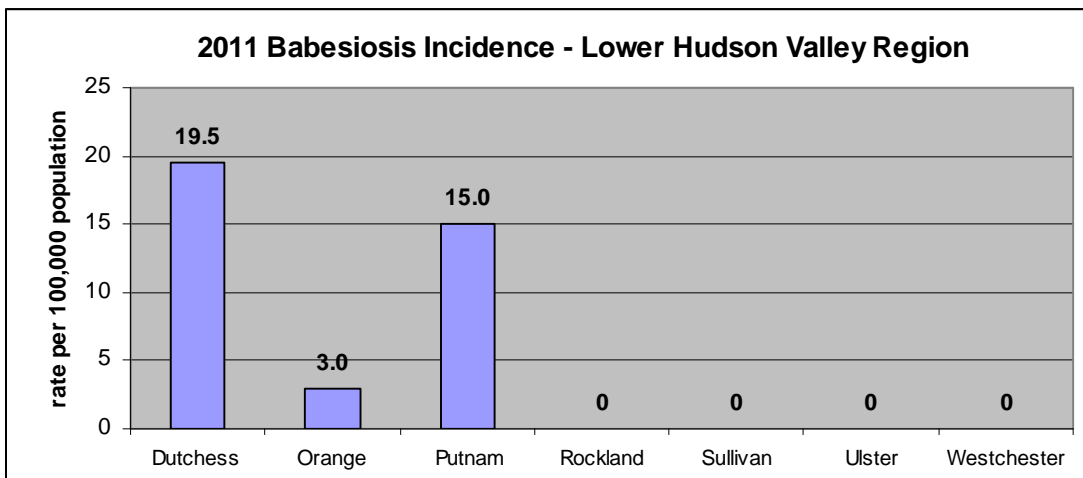
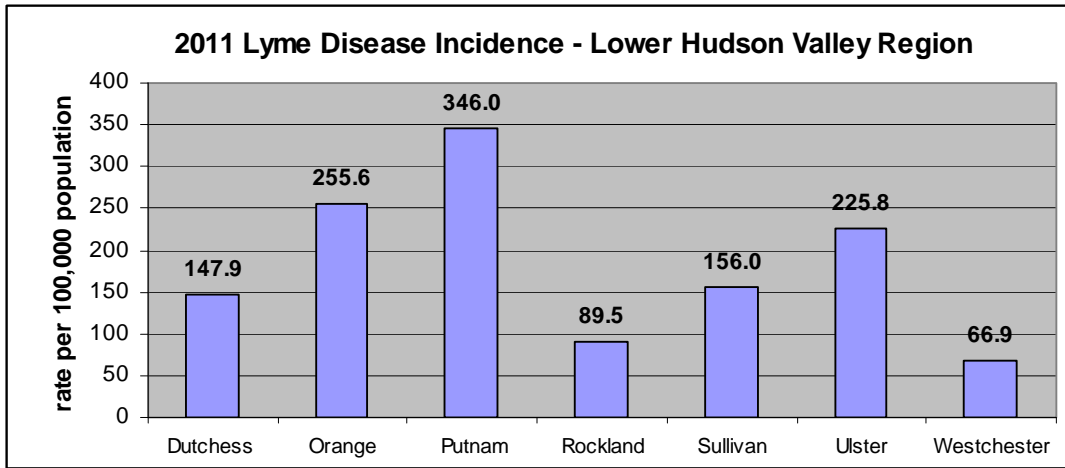
Data Sources

¹ NYSDOH Division of Epidemiology

² Bureau of AIDS/HIV Epidemiology, AIDS Institute

TICK-BORNE DISEASES

While Lyme disease is the most widespread of arthropod-borne disease in Dutchess County, there are other diseases on the rise that can be transmitted by infected ticks. Cases include probable and confirmed cases.



Data Source: New York State Department of Health Communicable Disease System

CLINIC SERVICES AND HOURS:

LOG ON TO WWW.DUTCHESSNY.GOV (HEALTH DEPT - SERVICES & PROGRAMS) OR
WWW.CO.DUTCHESS.NY.US/COUNTYGOV/DEPARTMENTS/HEALTH/HDINDEX.HTM

TELEPHONE NUMBERS: MAIN 845.486.3400 TTY 845.486.3417
EMAIL: HEALTHINFO@CO.DUTCHESS.NY.US

Communicable Disease Control Division	845.486.3402 (tel) 845.486.3564 (fax) 845.486.3557 (fax)	HIV Partner Notification Assistance	845.486.3452
Tuberculosis Reporting & Info	845.486.3423	HIV Testing & Counseling	845.486.3401
West Nile Virus Info Line	845.486.3438	HIV Info Line	845.486.3408
Lyme Disease Info Line	845.486.3407	STD Clinic	845.486.3401
Rabies Prevention Program	845.486.3404	Travel Immunizations	845.486.3504
		Immunization Program	845.486.3409
		Flu Info Line	845.486.3435



**NEW YORK STATE DEPARTMENT OF HEALTH
COMMUNICABLE DISEASE REPORTING REQUIREMENTS**

Reporting a suspected or confirmed communicable diseases is mandated under the New York State Sanitary Code (10NYCRR2.10a). The primary responsibility rests with the physician; moreover, laboratories (PHL 2102), school nurses (10NYCRR 2.12), day care center directors, nursing homes/hospitals (10NYCRR 405.3d) and state institutions or other locations providing health services (10NYCRR 2.12) are also required to report. Case reporting forms can be downloaded from our website or by calling 845.486.3401.

Call 845.486.3402 for more information about reporting a communicable disease.

Any Comments or Suggestions?
healthInfo@DutchessNY.gov



Dutchess County Department of Health
85 Civic Center Plaza - Suite 106
Poughkeepsie, NY 12601
(845) 486-3400 (tel) (845) 486-3447 (fax)
(8745) 486-3417 (tty)
HealthInfo@DutchessNY.gov
 Dutchess County Government
 @DutchessCoGov