

ONEIDA COUNTY HEALTH DEPARTMENT

406 Elizabeth St., Utica, NY 13501

ANTHONY J. PICENTE, JR.
ONEIDA COUNTY EXECUTIVE

PATRICE A. BOGAN, MS, FNP
INTERIM DIRECTOR OF HEALTH

CLINICAL SERVICES DIVISION

Phone: (315) 798-5748 ☎ Fax: (315) 798-1057

March 22, 2013

Dear Colleagues:

Sunday, March 24 marks the 131st anniversary of Robert Koch's discovery of the tubercle bacillus, the cause of tuberculosis, and is the occasion for announcing recent trends in tuberculosis. The purpose of this memo is to update you on 2012 tuberculosis case data for New York State.

Please see also, the March 22, 2013 MMWR which has just been released, this provides national data and additional articles of interest about tuberculosis. <http://www.cdc.gov/mmwr/>

New York State TB trends

Preliminary tables and figures with TB case data for New York State through 2012 are attached below (See attached file: *World_TB_Day_2013.pdf*)

In 2012 New York State again ranked third in number of TB cases, and its case rate (4.5/100,000) continues to be one of the highest in the country.

In 2012, 866 cases were reported statewide, a 4.8 percent decrease from a total of 910 cases in 2011. In New York City, 651 cases were reported for 2012, representing a 5.5 percent decrease from 2011.

In New York State excluding New York City, 215 cases were reported, a 2.7 percent decrease from 2011. Approximately half (48.4%) of cases outside NYC were reported from three counties, Nassau, Westchester and Suffolk. Zero cases were diagnosed among NYS DOCCS prison inmates, compared to 75 or more each year in the early 1990s.

There were 21 new multidrug-resistant TB cases diagnosed in New York State in 2012, the same number as 2011. In 2012, 80.8% of cases were among persons born outside the United States.

Note that the 2011 annual statistical report provides additional information on cases through 2011; a similar report will be developed later this year for 2012. http://www.health.ny.gov/statistics/diseases/communicable/tuberculosis/docs/2011_annual_report.pdf

As you are aware, we continue to have active tuberculosis cases in Oneida County. We urge you to keep tuberculosis in your differential diagnosis when appropriate.

Sincerely,

Susan Blatt, MD

Susan Blatt, MD
Oneida County Medical Director

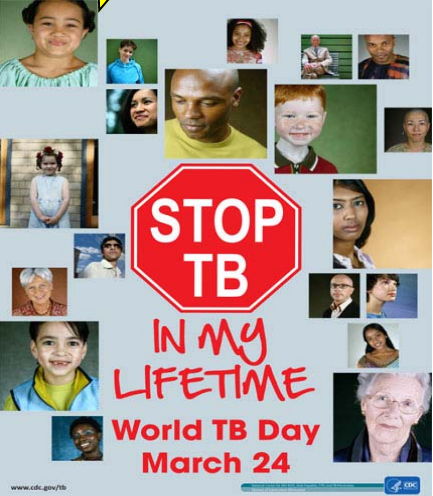
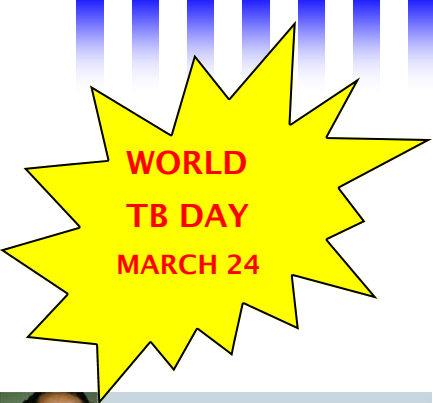


Communicable Disease

Oneida County Health Department

March 2013

Monthly Report for February 2013



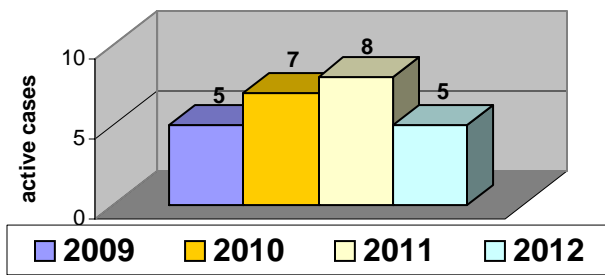
TUBERCULOSIS WORLDWIDE

Tuberculosis (TB) is one of the world's deadliest diseases:

- One third of the world's population are infected with TB.
- In 2011, nearly 9 million people around the world became sick with TB disease. There were around 1.4 million TB-related deaths worldwide.
- TB is a leading killer of people who are HIV infected.

TUBERCULOSIS IN ONEIDA COUNTY

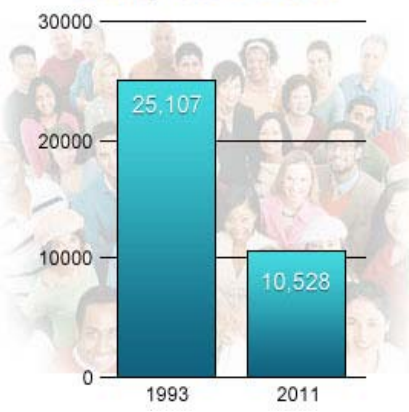
TUBERCULOSIS IN ONEIDA COUNTY COMPARISON DATA 2009-2012



Tuberculosis cases in Oneida County 2013
 Year to date February 28
January— 1
February—1



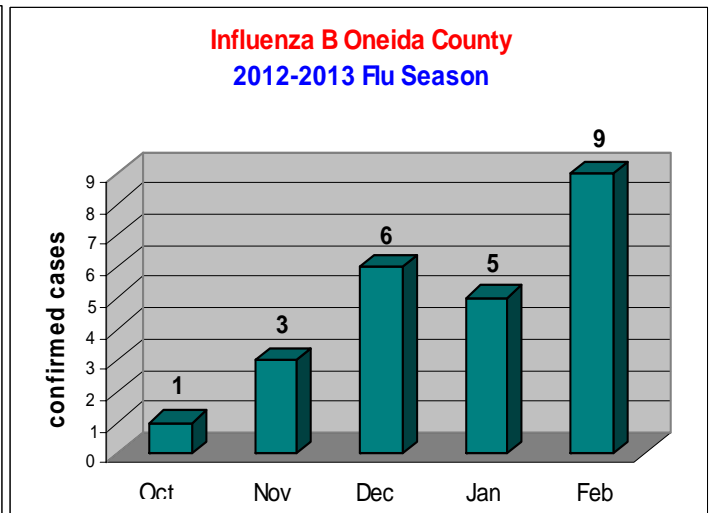
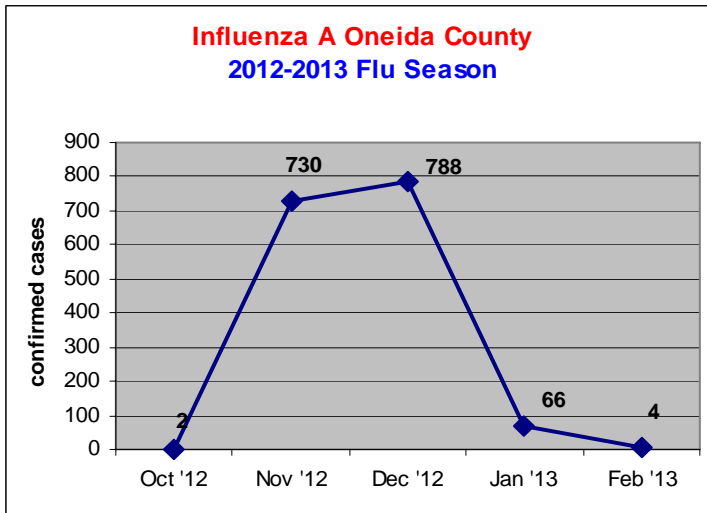
Reported TB Cases, United States, 1993 and 2011



TB services provided by Oneida County Health Department:

- Initiation and completion of active TB disease treatment utilizing Directly Observed Therapy (DOT) Program
- Identification and evaluation of contacts to sputum AFB smear and culture positive TB cases for infection and disease
- Evaluation and treatment of Latent TB Infection (LTBI)
- Community and provider education and consultation on use of Interferon Gamma Release Assays (IGRA) versus Tuberculin Skin Testing (TST), screening for LTBI or active TB disease prior to initiation of any treatment with a TNF- α blocker, risk factors for acquiring TB disease, classification of TST reactions, different treatment options for LTBI, and other TB related questions.
- For the newest LTBI treatment recommendations: <http://www.cdc.gov/tb/topic/treatment/lbti.htm>

INFLUENZA 2012-2013 FLU SEASON (through February 28, 2013)

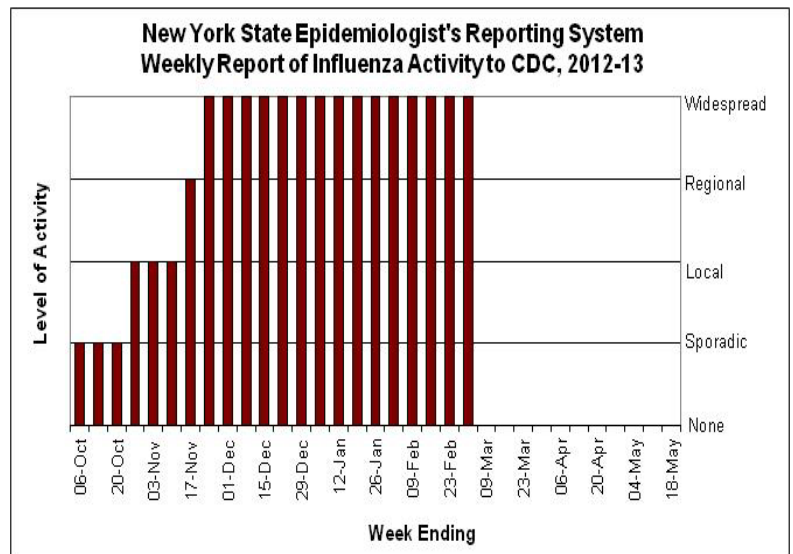


INFLUENZA IN NEW YORK STATE– for the week ending March 2, 2013

During the week of March 2, 2013:

- Influenza activity was categorized as widespread
- Reports of percent of patient visits for ILI from ILI Net providers was 3.6% which is above the regional baseline of 2.0%
- Number of patients admitted to hospitals with lab confirmed influenza was 213, which is 3% increase over last week
- No pediatric deaths reported this week. There have been 9 influenza associated pediatric deaths reported this season.

<http://www.cdc.gov/flu/weekly/>



COMMUNICABLE DISEASE SURVEILLANCE – February 2013

| | Feb. | YTD | | Feb. | YTD |
|-------------------|------|-----|----------------|------|-----|
| Tuberculosis- | 1 | 2 | Pertussis- | 0 | 5 |
| Giardia- | 2 | 5 | Group A Strep- | 1 | 4 |
| Strep pneumoniae- | 3 | 6 | Group B Strep- | 3 | 7 |
| Syphilis- | 0 | 1 | Salmonella- | 3 | 4 |