

ANNUAL REPORT ON COMMUNICABLE DISEASE McLENNAN COUNTY, 2011

WACO-MCLENNAN COUNTY PUBLIC HEALTH DISTRICT

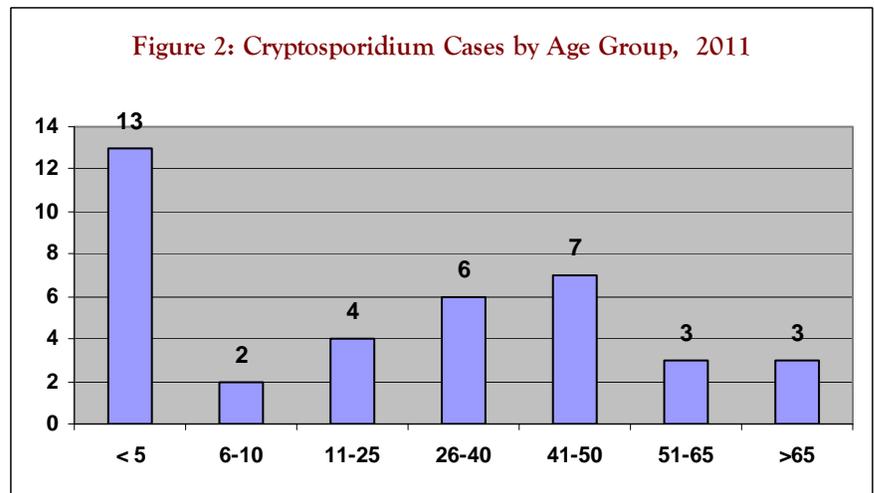
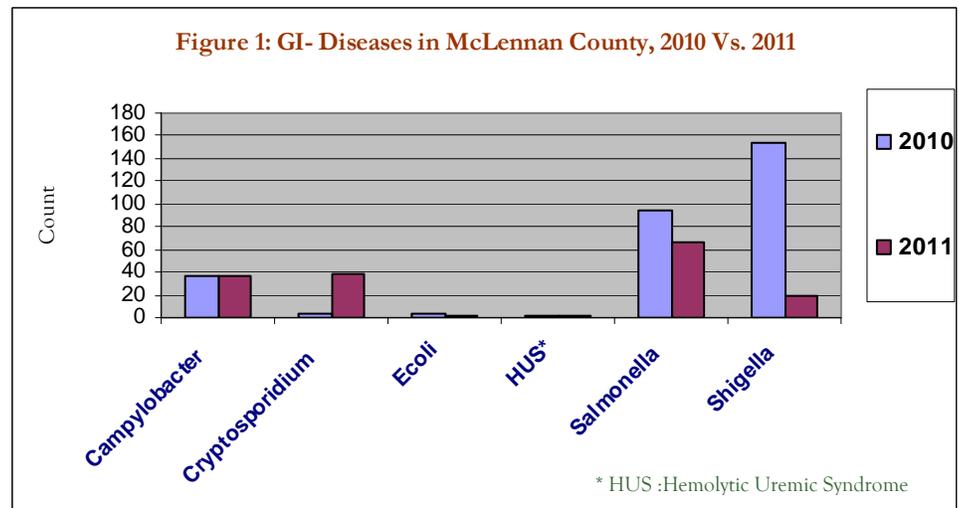


March, 2012

Notifiable Conditions Statistics, McLennan County 2010-2011

In 2011, the Waco-McLennan County Public Health District (WMCPHD) received 277 notifiable conditions reports, compared to 396 conditions reported in 2010. The higher number of reports in 2010 was mainly attributed to increased number of reported cases of Shigella and Salmonella in the county. Overall, the Health District investigated 163 gastrointestinal disease Reports in 2011 compared to 293 in 2010. (Figure 1)

The WMCPHD Epidemiology Department received increased numbers of confirmed reports of Cryptosporidiosis during 2011 (total 38). 55% were male, 45 % female, with the maximum number of cases in age group 5 years or less (Figure 2). 46% of cases were associated with water exposure of any kind (recreational, lakes, ponds, rivers, etc). 32% of cases were directly or indirectly associated with a day care. In September 2011 the Health District sent letters with Cryptosporidiosis Fact Sheets to over 150 day care facilities and nursing homes in McLennan County. No single location of exposure or outbreak was identified by the Health District.



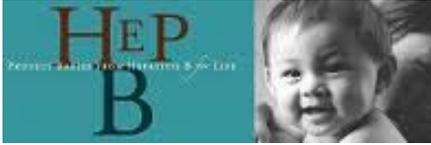
INSIDE THIS ISSUE

Disease Statistics, McLennan County	1
Perinatal Hep-B Prevention Program	2
Region 7 Animal Rabies Report	2
Influenza (Flu) Activity 2010-2011	3
24/7 Disease Reporting	4
New ImmTrac Website	4

Immediately Reportable Diseases

Anthrax, Botulism, SARS, Plague, Measles, Diphtheria, Bacterial Meningitis (H-influenza & Meningococcal), Human Rabies, Small Pox, Tularemia, Viral Hemorrhagic Fever.

CALL 254-740-5411



Perinatal Hepatitis B Prevention Program

2009 TEXAS

605 infants born to HBsAG+ women were reported to DSHS

573 (95%) of those were case managed

439 (77%) completed the vaccine series by 12 months of age

312 (71%) received post-vaccination serology testing

Approximately 1.2 million people in the US are living with chronic hepatitis B. Unfortunately, as many as two-thirds do not know that they are infected, since chronic hepatitis B can remain asymptomatic for years. If undiagnosed and untreated, up to 25% of infected persons will develop serious complications, including hepatocellular carcinoma and decompensated cirrhosis.

The National Health and Nutrition Examination Survey (NHANES) estimates that 800 to 1,254

infants are born to HBsAg positive women every year in Texas.

Texas law requires all pregnant women be screened for hepatitis B at the first prenatal visit and at the time of delivery for each pregnancy (Texas Health and Safety Code, § 81.090 requires serologic testing during pregnancy) and mandatory reporting of all positive HBsAg mothers to Health Department (Texas Administrative Code Title 25, Part 1 Chapter 97, subchapter A, §97.3).

The Waco-McLennan County Public Health District offers free and confidential services to women who are reported as

HBsAG positive, testing of all household and sexual contacts, Hepatitis B vaccination for all contacts who test negative for HBV, case management services for the mother and infant for up to the first 2 years of life, education for the pregnant woman and her family on Hepatitis B, Hepatitis B vaccination and serology testing of the infant at 12-15 months if the client chooses not to use a private provider.

The Health District also offers training for physicians, nurses or other staff on Perinatal Hepatitis B. Please feel free to contact us at 254-750-5493 for details.

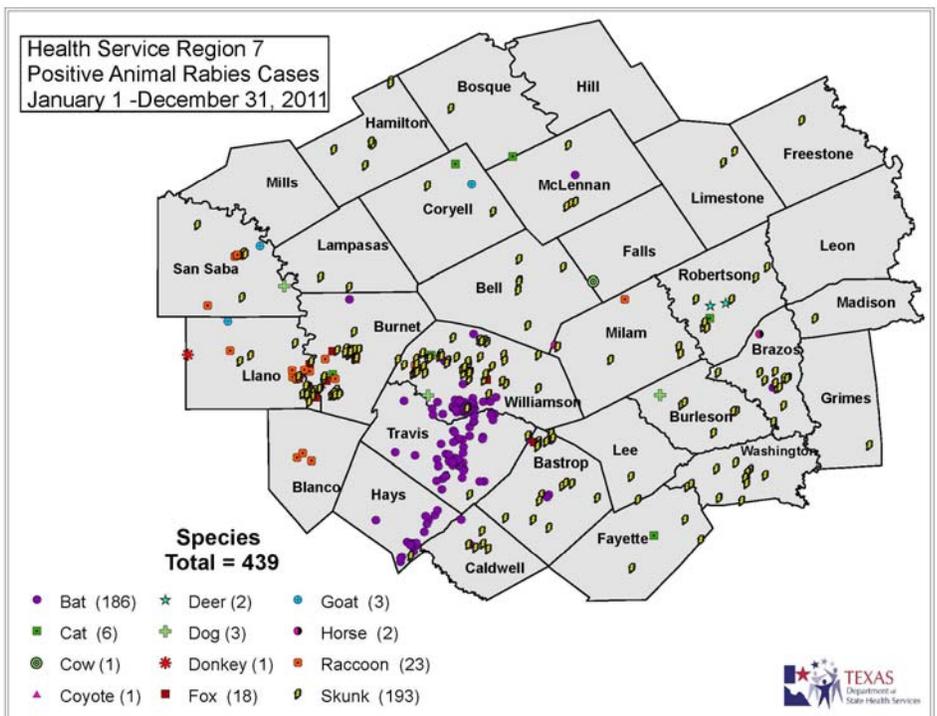
Health Services Region 7: Animal Rabies Incident Report 2011

There were 439 laboratory-confirmed animal rabies cases reported from the 30-county area of Health Service Region 7 (HSR7) during 2011. Region 7 staff investigated an additional 166 non-negative (decomposed, destroyed, and unsatisfactory) rabies test result incidents for a total of 605 rabies-related case investigations.

Rabies was confirmed in HSR7 in 193 skunks, 186 bats, 6 cats, 3 dogs, and 51 other animals (23 raccoons, 18 foxes, 3 goats, 2 deer, 2 horses, 1 cow, 1 donkey and one coyote). Counties with laboratory-confirmed rabies cases include:

Bastrop (23), Bell (7), Blanco (3), Bosque (2), Brazos (13), Burleson (6), Burnet (57), Caldwell (8), Coryell (4), Falls (2), Fayette (6), Freestone (1), Grimes (1), Hamilton (7), Hays (29), Lampasas (2), Lee (2), Limestone (2), Llano (26),

Madison (1), **MCLENNAN (5)**, Milam (5), Robertson (10), San Saba (11), Travis (59), Washington (12), and Williamson (135).



Influenza Activity 2010-2011

The Waco-McLennan County Public Health District (WMC PHD) implements year round surveillance of influenza and influenza-like illness (ILI)

During the 2010-2011 influenza reporting season, the WMC PHD received reports of influenza or influenza-like illness (ILI) from multiple sources. The reporting sources included hospitals, clinics, private providers, and school nurses. The graph below shows the distribution of influenza and ILI cases in McLennan County reported to the Health District by week re-

ported.

These reports under represent the total number of influenza cases. These numbers only reflect people who were ill enough to visit a healthcare provider who reported directly or through sources like Schools etc. to the Health District.

However, the reports provide a good indicator, along with state and national voluntary reporting, of the overall trend of influenza activity.

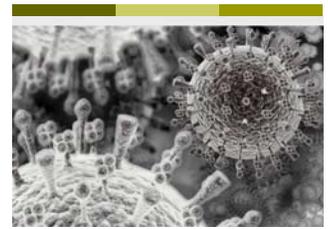
Current Flu Activity in Texas

During week 6 in Texas: The influenza (flu) activity level (geographic spread of influenza) for Texas was “regional” and the ILI Net Activity Level Indicator (intensity of influenza-like illness) was “minimal”. For more information please see

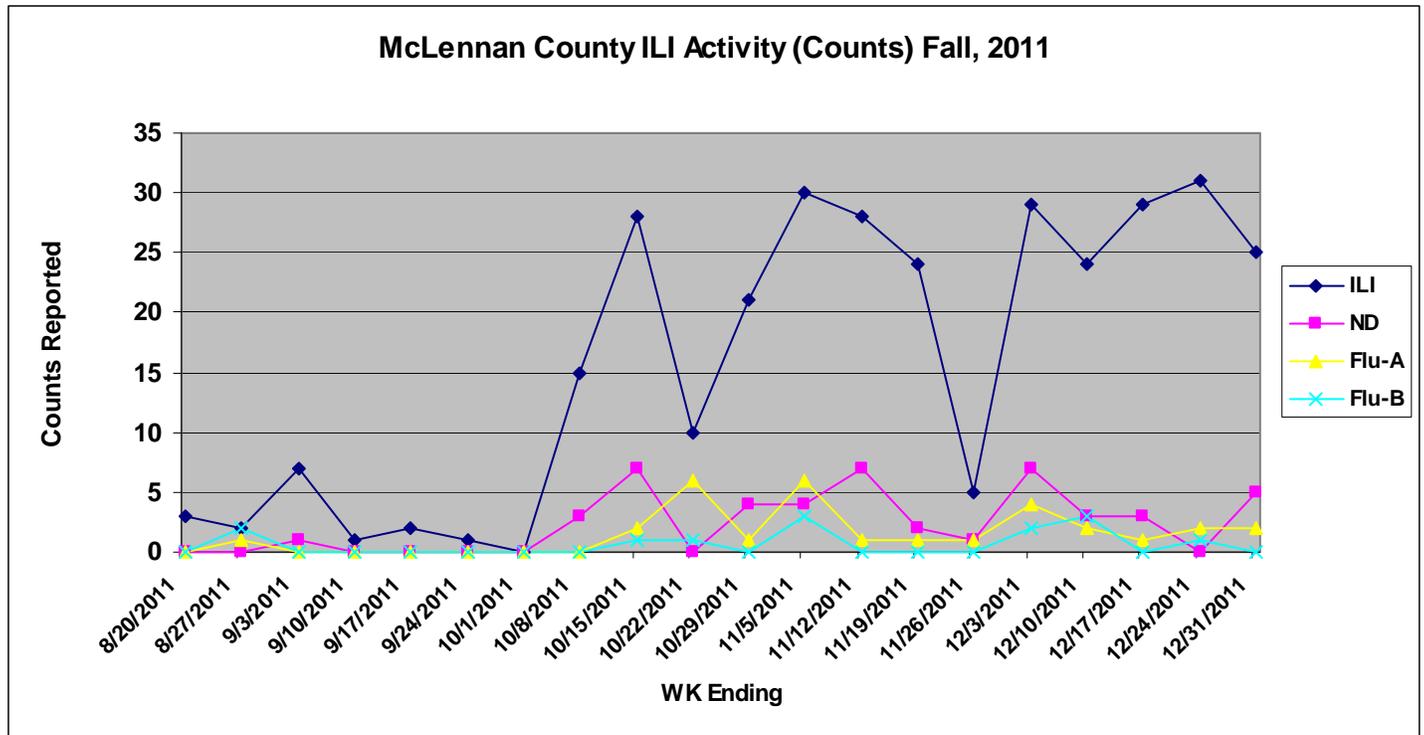
<http://www.cdc.gov/flu/weekly/fluactivitysurv.htm>

and the national FluView weekly report at

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



McLennan County ILI Activity (Counts) Fall, 2011



ND means non-differentiated influenza by rapid flu tests, ILI means influenza-like illness: ILI is defined as fever over 100°F and cough and/or sore throat.

24/7 Disease Reporting

The Waco-McLennan County Public Health District performs activities on a daily basis geared toward protecting the health of the McLennan County community as a whole and to assure the conditions necessary for people to live healthy, productive lives. On a daily basis the epidemiology department reviews, investigates, and reports all cases of communicable disease recognized as Notifiable Diseases in Texas. This allows for monitoring of disease trends and detection of outbreaks.

Disease reporting allows us to conduct investigations that provide pertinent information for the prevention and control of disease spread.

The Waco-McLennan County Public Health District has a 24-hour a day/ 7 days a week number that can be utilized to report any case of disease, cluster of diseases, or unusual presentation of disease.

The 24/7 disease reporting number is (254) 750-5411.

If you have any questions please contact Hammad Akram, M.D., M.P.H., Epidemiologist at (254) 750-5493. Reports may also be faxed to (254) 750-5405.

Information on disease statistics, disease reporting forms and other health related topics can be found at

<http://www.mclennanpublichealth.org>



New Immtrac website

Immtracforeveryone.com

“Immtracforeveryone.com”

is a new website launched by Texas Department of State and Health Services Immunization Branch. The purpose of the site is to help promote the Texas Immtrac Registry. The site highlights the benefits of Immtrac being free, secure, confidential, electronic service which is accessible to authorized healthcare providers. The site navigates website visitors through the simple 3 step process of registering with Immtrac. In addition, it offers beneficial resources and contact information.



At the Waco-McLennan County Public Health District, protecting the community's health is our mission. We support individuals in receiving appropriate health care. The Health District serves a population of more than 230,000 in and around McLennan County. Examples of the services we provide include health education, diabetes education, nutrition counseling, immunizations, disease surveillance and control, WIC, STD & HIV, public health preparedness, birth and death records and environmental health inspections.

Waco-McLennan County Public Health District
225 West Waco Drive
Waco, TX 76707

Phone: 254-750-5450
Fax: 254-750-5405
Website: <http://www.mclennanpublichealth.org>