

# AT YOUR SERVICE

NEWS FROM THE VAN BUREN/CASS DISTRICT HEALTH DEPARTMENT

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## Vaccinations Needed Today?

An excellent resource for your office/staff with guidelines for which vaccines adults need: [www.immunize.org/catg.d/p4036.pdf](http://www.immunize.org/catg.d/p4036.pdf)

## Cocooning?

Protect babies under six months of age from pertussis by vaccinating people around them. This includes parents, siblings, grandparents, friends, child-care providers, babysitters, and healthcare providers. Provide a cocoon of protection for babies from pertussis.

- Children should be immunized on schedule with DTaP (the childhood vaccine for tetanus, diphtheria, and pertussis).
- Teenagers and adults need Tdap vaccine.

## Pertussis and Pregnancy

ACIP now recommends that pregnant women (adolescents and adults) receive 1 dose of Tdap during each pregnancy regardless of history of a prior dose of Tdap vaccine. To maximize the maternal antibody response and passive antibody transfer to the infant, optimal timing for Tdap is between 27 and 36 weeks gestation. However, if indicated (e.g. tetanus vaccine recommended for wound care), Tdap can be given at any time during pregnancy. If not previously vaccinated with Tdap, and a dose is not given during pregnancy, administer Tdap immediately post-partum.

## National Shortage:

### TB Skin Tests

Tuberculin skin test antigens are in a nationwide shortage at least until June. Therefore the Van Buren/Cass District Health Department will be deferring most skin testing for tuberculosis to high priority cases, such as contact tracing and illness investigation. Routine testing for licensing and employment requirements will be deferred at this time.

Testing will occur for high priority cases, such as:

- Physician request due to changes in a chest x-ray
- TB contact investigations
- HIV
- People in the process of receiving an organ transplant
- Immunosuppressed or taking immunosuppressing drugs such as Prednisone (15mg or greater daily for over a month), Humira, Enbrel, Remicade, Cytoxan, Simponi, Cimzia, and Imuran.

## The Newest Avian Flu

On April 5, 2013, the Centers for Disease Control and Prevention (CDC) released a Health Advisory for clinicians regarding 14 recent human infections with an avian influenza A (H7N9) virus. At this time, all cases have been located in China and have developed severe respiratory illness. No person-to-person transmission or epidemiologic link between any of the cases has been identified.

At this time, no cases of human infection with avian influenza A (H7N9) viruses have been detected in the United States. However, please keep this possibility in mind when evaluating patient with acute respiratory illnesses that have an appropriate travel or exposure history. Commercially available rapid influenza diagnostic tests may not detect avian influenza A viruses in respiratory specimens; RT-PCR testing at the MDCH Bureau of Laboratories is recommended (prior approval required). Any questions or reports of suspect cases should be directed to our local health department or to the Michigan Department of Community Health at (517) 335-8165 or after hours at (517) 335-9030.

## "Flumatching" Quiz

1. \_\_ Current Predominant Strain
2. \_\_ China 2013
3. \_\_ "Bird Flu" 1997
4. \_\_ "Swine Flu" 2009

- A. H5N1  
B. H3N2  
C. H1N1  
D. H7N9

Answers: 1. B 2. A 3. C 4. D

## How to Reach Us:

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Van Buren-Cass Counties: Selected Reportable Diseases 2009-2013  
(Number of cases per year)

<b>Enteric Diseases</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Campylobacter	19	27	31	13	3
Cryptosporidiosis	2	4	5	4	0
Norovirus	0	0	0	8	0
Giardiasis	10	10	9	5	2
Salmonellosis	18	11	11	14	0
Shiga Toxin Producing E. coli (STEC)	0	1	1	2	0
Shigellosis	0	2	2	8	2
E. coli 0157:H7	0	0	0	0	0
<b>Hepatitis</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Hepatitis A	0	1	0	5	0
Hepatitis B, acute	3	1	1	3	1
Hepatitis B, chronic	3	3	2	4	0
Hepatitis C, acute	1	1	0	0	3
Hepatitis C, chronic	68	51	84	62	13
<b>STD</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Chlamydia	330	320	321	294	82
Gonorrhea	40	47	49	48	13
Syphilis	3	0	1	1	0
<b>Tuberculosis</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Myobacterium-Other	0	1	6	12	2
Tuberculosis	4	1	1	1	0
<b>Vaccine Preventable Diseases</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Varicella (chickenpox)	31	16	6	2	0
H. Influenzae Disease- Inv.	1	1	0	0	0
Pertussis	13	5	3	8	2
<b>Vectorborne Diseases</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Lyme Disease	4	3	4	2	0
Malaria	0	0	1	0	0
West Nile	0	0	0	0	0
<b>Meningitis</b>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013*</i>
Aseptic Meningitis	9	9	15	8	1
Non-meningococcal Bacterial Meningitis	2	3	3	1	0
Meningococcal Disease	0	0	1	0	0
Streptococcus pneumoniae- Inv.	15	16	13	13	2

*\*2013 numbers are for the time period 1/1/13-4/4/13*