



Livingston County Department of Public Health Communicable Disease Update

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An Urgent Request to Medical Providers

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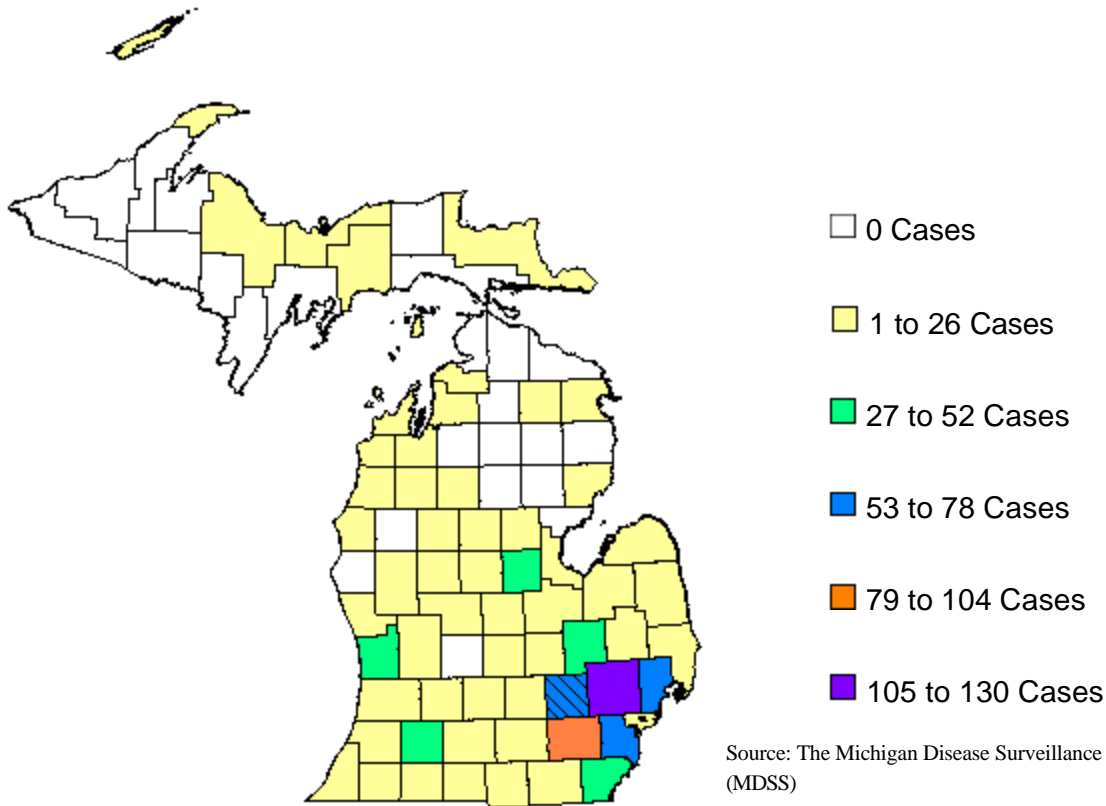
As of January 29, 2010, LCDPH has already received 14 reports of confirmed and probable cases of pertussis in Livingston County. This compares to 68 reports of confirmed and probable cases of pertussis reported in Livingston County in 2009. This rate is substantially higher and is a cause for alarm, especially since the majority of these cases are in children. The map on page 2 highlights the fact that pertussis is a problem for several counties in Southeastern Michigan.

Actions to help control the spread of pertussis include:

1. Consider pertussis in prolonged cough illnesses (2+ weeks).
2. Order recommended diagnostic test: culture or PCR of nasopharyngeal aspirate or Dacron swab.
3. Review with parents the need to:
 - Notify the ir child's daycare and/or school of the confirmed or probable case of pertussis.
 - Keep their child home until antibiotics are completed.
4. Prescribe a course of a macrolide antibiotic (5 days azithromycin, or 7 days clarithromycin, or 14 days erythromycin; an alternative is 14 days TMP-SMZ).
5. Remember that household and other close contacts of cases should receive antibiotic prophylaxis within 3 weeks of exposure using same antibiotics and doses in treatment recommendations.
6. Continue to vaccinate patients with DTaP or Tdap.

Note: To view or download this newsletter in color, go to http://co.livingston.mi.us/health/personal_health/cdisease/Default.asp; click on CD Updates.

Number of confirmed and probable pertussis cases in 2009 by county



Adult Immunization Schedule for 2010

In October 2009, ACIP approved the Adult Immunization Schedule for 2010, which includes several changes. These changes were published in Morbidity and Mortality Weekly Report (*MMWR*) on January 15, 2010, as [Recommended Adult Immunization Schedule --- United States, 2010](#).

Changes

- ACIP recommended vaccination of females with either a bivalent papillomavirus vaccine (HPV2) or a quadrivalent human papillomavirus vaccine (HPV4).
- ACIP issued a permissive recommendation for use of HPV4 in males.
- Introductory sentences were added to the schedule's footnotes for measles, mumps, rubella, influenza, pneumococcal, hepatitis A, hepatitis B, and meningococcal vaccines.
- Clarifications were made to the footnotes for measles, mumps, rubella, influenza, hepatitis A, meningococcal, and *Haemophilus influenzae* type b vaccines.
- Schedule information was added to the hepatitis B vaccine footnote.

For a copy of the new schedule, go to

<http://cdc.gov/vaccines/recs/schedules/downloads/adult/2010/adult-schedule.pdf>

NOVEL INFLUENZA A (H1N1) IN THE LIVINGSTON COUNTY

Since October 2009, LCDPH has already allocated more than 38,860 doses of the vaccine to doctors' offices, hospitals and pharmacies across the county. As of 1/22/2010, the Health Department has given 9,751 doses.

Even though reports of H1N1 illness are currently down, LCDPH still encourages all Livingston County residents over the age of 6 months to get their flu shot. History suggests that a third wave of illness could be expected sometime later this year, and the best way to prevent H1N1 is to vaccinate.

The Health Department will continue to offer H1N1 vaccinations by appointment to everyone. Call (517) 552-6777 for an appointment.

Health Care Providers Sign up Today to Gain Quick Access to Timely CD Updates Via Email!

- Pertinent topics dealing with the current flu season
- [Resources for clinicians](#), [guidelines](#) for infection control and clinical management, and [planning guides](#)
- Influenza Surveillance and Avian Flu updates

Email Rebecca Cook at rcook@co.livingston.mi.us to subscribe to the electronic version of the Livingston County CD Update.

To contact LCDPH:

During normal business hours – Monday through Friday: 8 AM to 5 PM (517) 552 – 6882.

After Hours:

Calls within Livingston County, dial 911.

Calls from outside Livingston County, dial (517) 546-9111.