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**Influenza Surveillance Report – Week Ending October 31<sup>st</sup>**  
**Genesee County, MI**  
**November 4, 2009**

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### Genesee County Influenza Surveillance

- **Surveillance:** Surveillance in Genesee County indicates influenza activity has surpassed levels seen during the peak of previous influenza seasons. Visits to emergency departments due to respiratory and constitutional complaints continue to remain high. Respiratory complaints were slightly higher than what is observed during peak influenza activity while constitutional reports are considerably higher.
- **Lab-confirmed cases:** Reports of confirmed influenza cases among Genesee County residents continued to increase during the week ending October 31<sup>st</sup>. Thirty-four (34) cases of confirmed H1N1 influenza were reported in the week ending October 31<sup>st</sup> bringing the total cases of confirmed H1N1 influenza cases to 48. The age range of these recent confirmed H1N1 cases is 19 months to 26 years.
- **Hospitalizations/deaths:** Eight hospitalizations with confirmed influenza were reported during the week ending October 31<sup>st</sup>. No deaths due to the 2009 H1N1 influenza virus have been reported in Genesee County residents to date.
- **Local Colleges and Universities:** Low levels of influenza-like illness observed in students for the week ending October 31<sup>st</sup>.
- **Genesee County Schools and Childcare Centers:** Rates of influenza-like illness among children in schools and childcare centers continue to increase. Reports of influenza-like illness among schools and childcare centers are at levels twice as high as what is observed during the peak of influenza season. Student absences increased from the previous week in 17 (81%) school districts. Two charter schools and one school district closed due to illness or absences during the week ending October 31<sup>st</sup>.

### H1N1 Vaccine Update

- Limited amounts of the nasal spray form of 2009 H1N1 Influenza Vaccine and multi-dose vials of injectable 2009 H1N1 vaccine continue to be allotted to Genesee County as more becomes available.
- Until the H1N1 vaccine supply is more plentiful, the Genesee County Health Department continues to prioritize vaccination of groups who are most at risk as stated by ACIP guidelines. These groups are:
  - pregnant women,
  - caregivers/contacts of children under 6 months,
  - children and young adults 6 months through 24 years,
  - adults 25 – 64 years with underlying medical conditions, and
  - EMS and health care workers
- School-based vaccine clinics for priority groups have begun in Genesee County and more are being planned. For details on school-based vaccination clinics including locations and times visit <http://www.gchd.us/HotTopics/H1N1FluClinicLocations.asp>
- The Genesee County Health Department is distributing vaccine to many Genesee County providers this week in order to reach our highest risk populations as soon as possible.

### Antiviral Distribution

- The Genesee County Health Department is planning to distribute Tamiflu and Relenza from the Strategic National stockpile to pharmacies in Genesee County. All doses from the SNS are free of charge to underinsured or uninsured patients. A prescription from a health care provider is required to receive antivirals.

The most recent information about H1N1 Influenza can be found at [www.gchd.us](http://www.gchd.us)