

# North Carolina Weekly Enterovirus D68 Surveillance Summary

9/18/2014

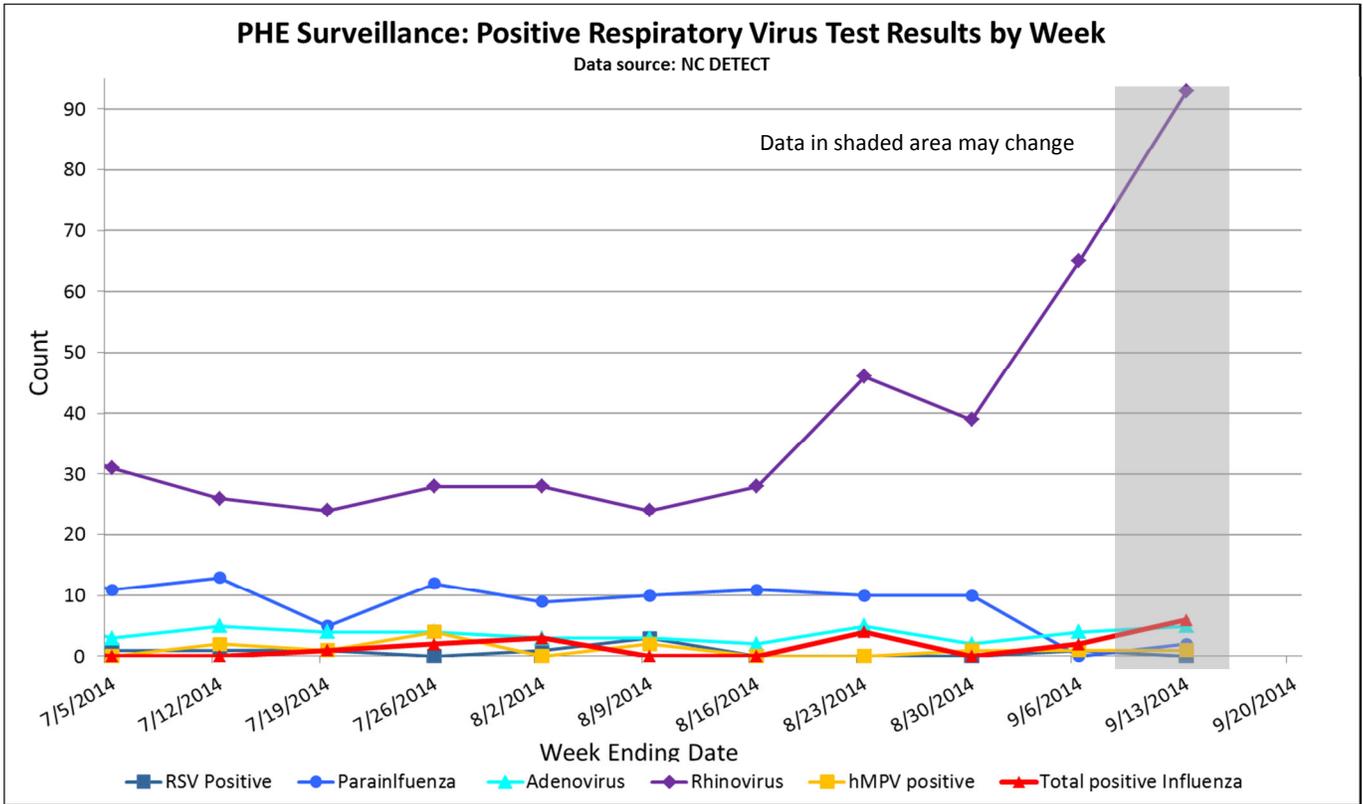
## National Updates:

- From mid-August to September 17, 2014, a total of 140 people from 16 states were confirmed to have respiratory illness caused by EV-D68.
- The 16 states are Alabama, Colorado, Connecticut, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Missouri, Montana, Nebraska, New York, Oklahoma, Pennsylvania, and Virginia.
- Among the EV-D68 cases reported from Missouri and Illinois, children with asthma seemed to have a higher risk for severe respiratory illness.
- CDC has developed a new patient summary form – consisting of clinical and lab data that should be submitted with each specimen effective 9/12/2014.
- Testing of specimens for EV-D68 continues at CDC and limited number of other public health labs.

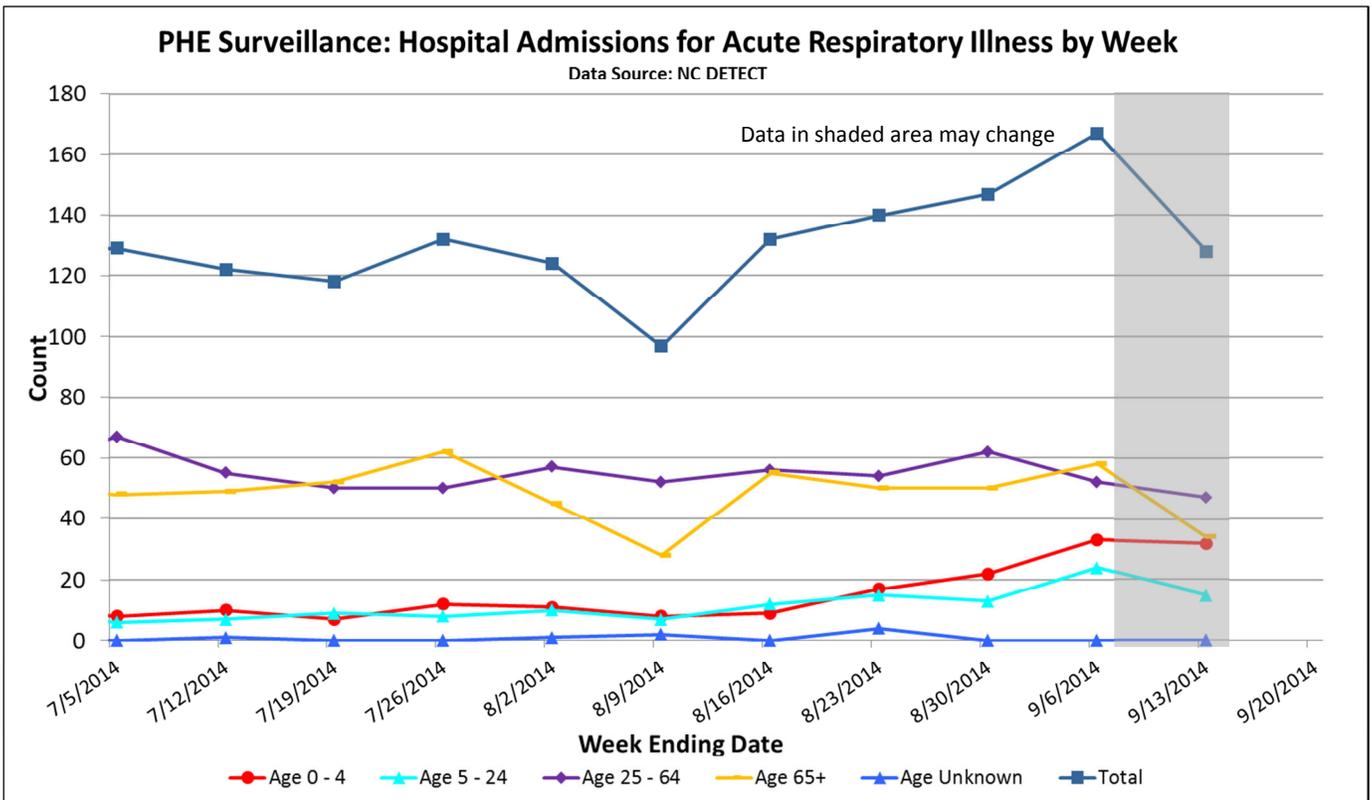
## North Carolina Updates:

- No cases of EV-D68 have been confirmed in North Carolina
- DPH continues to monitor syndromic surveillance data, laboratory data, and hospital admission data (see following pages). A summary is below:
  - PHE NETWORK (data on page 2):
    - A sharp increase in specimens testing positive for rhinovirus/enterovirus has been noted since late August. Rhinoviruses/enteroviruses are usually the most commonly identified respiratory viruses at this time of year, but the number of positive results is above expected.
    - The weekly number of admissions for acute respiratory illness has increased slightly through week ending 9/6/2014 compared to 2013.
  - SMARTT (data on page 3):
    - The proportion of pediatric ICU beds available has been lower in all regions compared to this time last year.
    - Availability dropped last week, particularly in the eastern part of the state, but increased somewhat since 9/12/2014.
  - DETECT (data on page 4):
    - Increases in ED visits for respiratory illness and asthma have been noted, particularly among children.
    - Increases were also seen in early September last year, but the number of visits this year is higher.
  - Specimens submitted for EV-D68 testing:
    - 21 specimens have been submitted through the State Laboratory of Public Health for EV-D68 testing at CDC. Specimens were submitted from facilities across the state.
    - All results are pending.
- Other activities:
  - DPH has developed and disseminated provider guidance for EV-D68.
  - DPH has developed an enterovirus website (submitted for posting).
  - DPH has developed an EV-D68 fact sheet (submitted for posting).
  - DPH has developed an online data collection tool for CDC's patient summary form (to accompany specimens submitted through State Lab for EV-D68 testing at CDC)

**UPDATE FROM HOSPITAL-BASED PUBLIC HEALTH EPIDEMIOLOGIST (PHE) NETWORK**



Note: Most facilities use tests that do not distinguish rhinoviruses from enteroviruses



**UPDATE FROM STATE MEDICAL ASSET RESOURCE TRACKING TOOL (SMARTT)**

