

## RSV and Other Respiratory Virus Surveillance

RSV = respiratory syncytial virus

### RSV activity:

- In week 30 (ending on July 28, 2018), the percent of children <5 years old diagnosed with RSV at EDs and UCCs increased slightly and remained above levels observed in previous seasons at this time.
- Florida's southeast region is currently in RSV season. RSV season in Florida's central region begins August 1, 2018.
- No new possible RSV-associated pediatric deaths were identified in week 30. One possible RSV-associated pediatric death has been identified so far this year. Investigation will occur to confirm this death meets case definition. Premature infants and children <2 years with certain underlying medical conditions are at higher risk for complications from RSV infection. Prophylaxis is available for children who qualify. For more information, contact your physician.
- To learn more about RSV in Florida, please visit: [www.floridahealth.gov/rsv](http://www.floridahealth.gov/rsv).

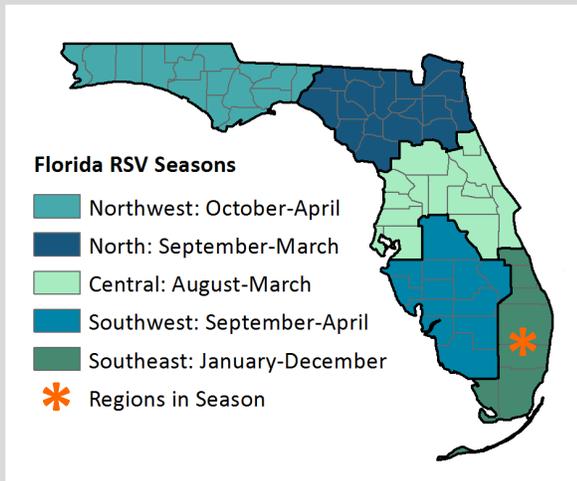
### RSV seasonality:

- RSV activity in Florida typically peaks between November and January, though activity can vary dramatically by region. Despite some regions being out of season, RSV continues to circulate at low levels throughout the state.
- Florida's RSV season is longer than the rest of the nation and has distinct regional seasonality. For more information on RSV seasonality in Florida, see the American Academy of Pediatrics' 2015 Red Book.

### Other respiratory virus surveillance:

- In weeks 29-30, the percent of specimens testing positive for rhinovirus remained higher than other respiratory viruses under surveillance.

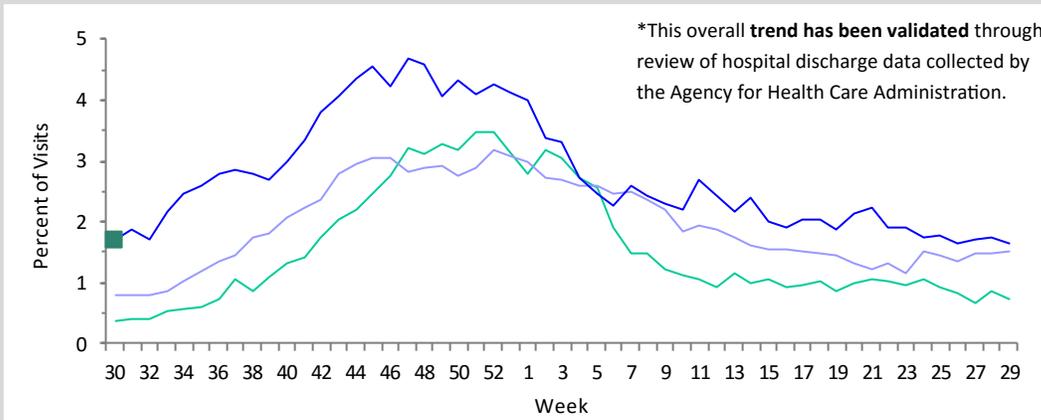
## Florida Respiratory Syncytial Virus (RSV) Regional Season Breakdown



## ED and UCC Visits for RSV by Children <5 Years Old

ED = emergency department, UCC = urgent care center, RSV = respiratory syncytial virus

The figure below shows the percent of visits to EDs and UCCs with discharge diagnoses that include RSV or RSV-associated illness, as reported by participating ESSENCE-FL facilities (n=326), week 30, 2014 through week 30, 2018.



In week 30, the percent of children diagnosed with RSV at participating EDs and UCCs increased slightly and was similar to levels observed during the 2017-18 season at this time. Levels were above those observed during the 2016-17 and 2015-16 seasons at this time.

Legend for ED and UCC Visits:

- 2018-19 (dark green)
- 2017-18 (blue)
- 2016-17 (purple)
- 2015-16 (light green)

## Laboratory Viral Respiratory Surveillance

The figure below shows the percent of laboratory results testing positive for eight common respiratory viruses, as reported by the National Respiratory and Enteric Virus Surveillance System (NREVSS) and participating validated laboratories reporting via electronic laboratory reporting to DOH (n=7), week 40, 2014 to week 30, 2018.

In recent weeks, the percent of specimens testing positive for rhinovirus increased and remained higher than other respiratory viruses under surveillance.

Legend for Laboratory Viral Respiratory Surveillance:

- RSV (cyan)
- Parainfluenza 1-3 (blue)
- Adenovirus (magenta)
- Human metapneumovirus (yellow)
- Rhinovirus (green)
- Influenza (red)

