

Paediatric Respiratory Pathogen Report

Week 44, 26th October– 1st November 2020

Please note, an abridged version of this report will be circulated whilst virus activity is low

- There were four paediatric cases of RSV this week. Two were from the Metro area and two were from the Goldfields.
- There were no paediatric cases of influenza this week.
- The total number of paediatric cases of COVID-19 detected by PCR at PathWest is 30, as of 3rd of November.

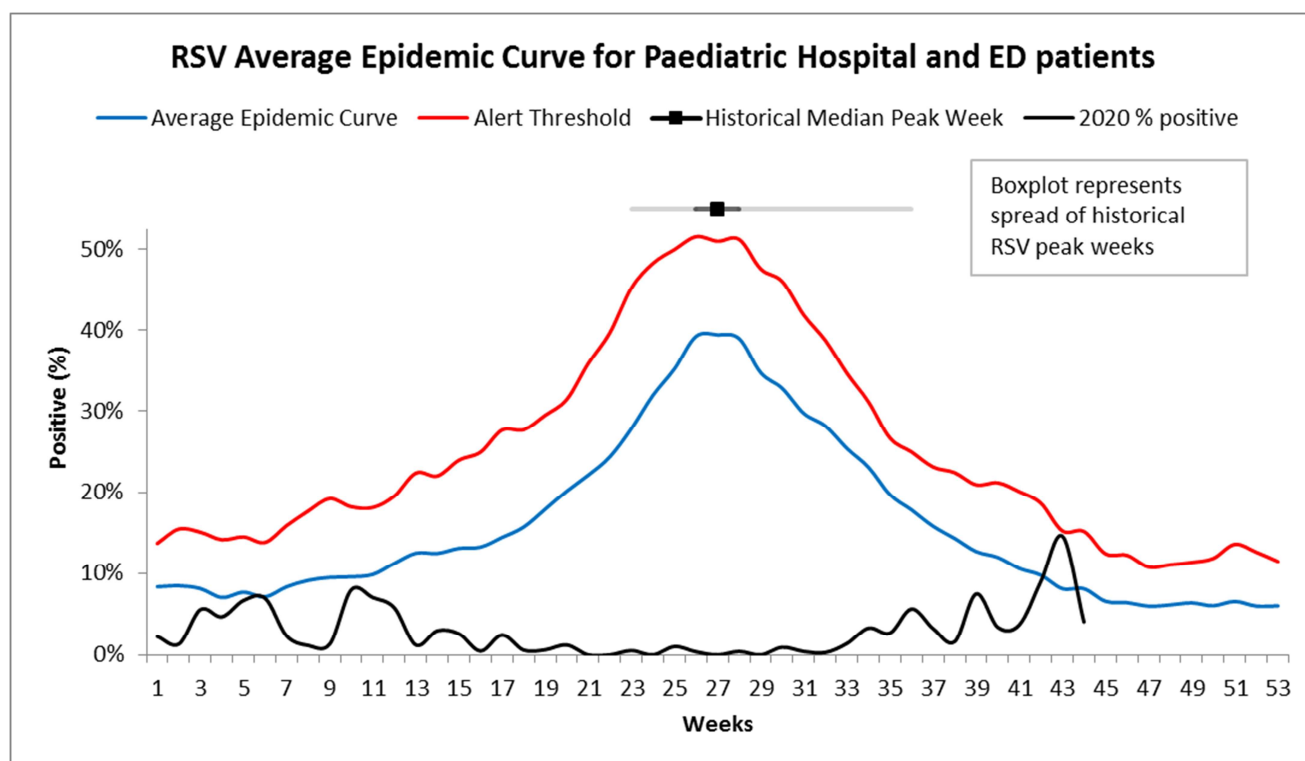


Figure 1: The current season plotted against the Paediatric RSV Average Epidemic Curve. The average epidemic curve was constructed by averaging all seasons measured at PathWest QE2 from 2007-2019. The high intensity threshold is 1.645 standard deviations above (upper 90% CI) the average epidemic curve. Data represents all WA hospitalised and ED paediatric patients tested by PathWest.

RSV proportion positive (4%) is lower than levels historically observed at this time of year.

Data is representative of all patients attending a hospital (public or private) in Western Australia, for which a respiratory sample was collected and tested at a PathWest laboratory.

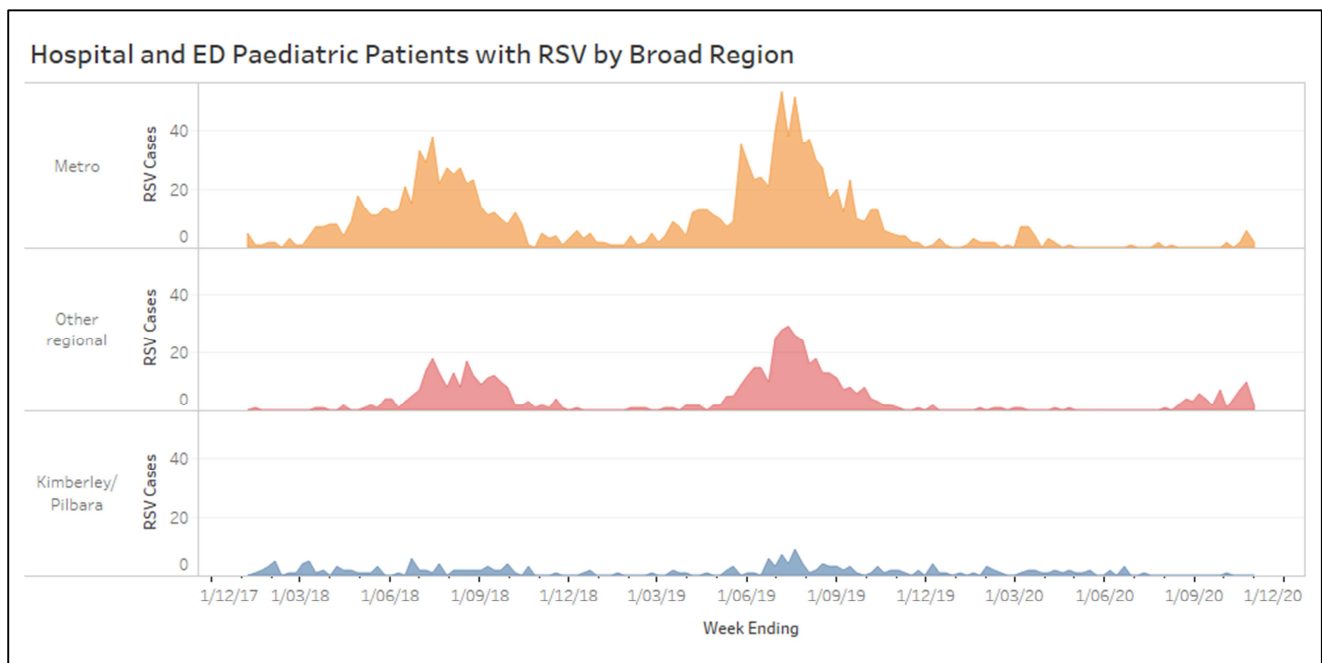


Figure 2: Hospitalised paediatric patients with RSV in Perth metropolitan region, in both Kimberley and Pilbara combined and in the remaining regions combined.

Recent RSV activity in Western Australia has been primarily in regional areas. In week 44, there were two paediatric RSV cases in the Metropolitan region and two from the Great Southern.

Data is representative of all patients attending a hospital (public or private) in Western Australia, for which a respiratory sample was collected and tested at a PathWest laboratory.