Reporting week: 29 October to 4 November 2018

There were further, seasonally expected, increases in respiratory indicators in young children across a number of systems during week 44, in line with recent increases in laboratory reports for respiratory syncytial virus (RSV).

Remote Health Advice:
Difficulty breathing and cough calls in children under 1 year continued to increase in week 44 (Figures 4a & 5a). This is in line with recent increases in laboratory reports for respiratory syncytial virus (RSV).

GP In Hours:
Nothing new to report in week 44.

Emergency Department:
There were further increases in ED attendances for respiratory syndromes during week 44 (figures 4, 5, 6), in particular bronchiolitis attendances by children aged under 1 year (figure 6a). This is in line with recent increases in laboratory reports for respiratory syncytial virus (RSV).

GP Out of Hours:
There was a further increase in consultations for bronchitis in children under 1 during week 44 (figure 4a). This is in line with recent increases in laboratory reports for respiratory syncytial virus (RSV).

RCGP Weekly Returns Service:
Click here to access reports from the RCGP website [external link]
### Syndromic surveillance summary notes

- Key messages are provided from each individual system.
- The different syndromic surveillance systems in operation within PHE access data from different areas of the national health care system.
- Each system is able to monitor a different selection of syndromic indicators based upon a different case mix of patients.
- Access to the full version of each syndromic surveillance bulletin is available through the Syndromic Surveillance website found at: [https://www.gov.uk/government/collections/syndromic-surveillance-systems-and-analyses](https://www.gov.uk/government/collections/syndromic-surveillance-systems-and-analyses); reports will be made available on Thursday afternoons.

### Syndromic surveillance systems

#### Remote Health Advice

A remote health advice syndromic surveillance system that monitors syndromic calls from remote health advice services e.g. NHS 111 each day across England

#### GP In-Hours Syndromic Surveillance System

A large UK-based general practitioner surveillance system monitoring daily consultations for a range of clinical syndromic indicators

#### Emergency Department Syndromic Surveillance System (EDSSS)

A national ED network across England monitoring daily attendances and presenting symptoms/diagnoses

#### GP Out-of-Hours Syndromic Surveillance System (GPOOHS)

A syndromic surveillance system monitoring daily GP out-of-hours activity and unscheduled care across England using a range of clinical syndromic indicators

#### RCGP Weekly Returns Service (RCGP WRS)

A sentinel GP surveillance network covering England and Wales monitoring weekly consultations for a range of clinical indicators. This surveillance system is coordinated by the RCGP Research and Surveillance Centre

### Acknowledgements:

We thank and acknowledge the contribution of all data providers including:

- NHS 111 and NHS Digital
- Participating EDSSS emergency departments
- Royal College of Emergency Medicine
- Advanced Health & Care and the participating OOH service providers
- QSurveillance®, University of Nottingham; EMIS/EMIS practices; ClinRisk®
- TPP, ResearchOne and participating SystmOne GP practices

### Contact ReSST:

syndromic.surveillance@phe.gov.uk

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PHE Syndromic Surveillance Summary

07 November 2018

<table>
<thead>
<tr>
<th>PHE Real-time Syndromic Surveillance Team</th>
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<tbody>
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