



15 November 2016

Year: 2016 Week: 45

**Syndromic  
surveillance national  
summary:**

## Reporting week: 07 November to 13 November 2016

During week 45 there were continued increases in seasonal respiratory conditions, including bronchitis/bronchiolitis in young infants, in line with RSV activity.

There were also further increases in vomiting and gastroenteritis, especially in children aged <15 years.

[Click to subscribe to the weekly syndromic surveillance email](#)

**Remote Health  
Advice:**

There were further increases in diarrhoea and vomiting calls during week 45; levels are now above those expected for the time of year (figures 7 and 8). Increases have mainly been observed in children aged <15 years (figures 7a and 8a).

Respiratory indicators remain at levels expected for the time of year.

[Click to access the Remote Health Advice bulletin](#)

**GP In Hours:**

During week 45 GP consultations increased for a range of respiratory conditions including upper and lower respiratory tract infection and pneumonia (figures 1, 5 and 6).

There were also increases in gastroenteritis and vomiting consultations in week 45, mainly in the under 5 years age groups (figures 7, 7a and 8, 8a).

[Click to access the GP In Hours bulletin](#)

**Emergency  
Department:**

During week 45 there were further increases in ED attendances for respiratory and acute respiratory infection attendances (figures 7 and 8).

There were no further increases in bronchitis/bronchiolitis during week 45, including in infants aged <1 year (figures 10 and 11).

[Click to access the EDSSS bulletin](#)

**GP Out of Hours:**

During week 44 there were further seasonal increases in consultations for acute respiratory infection (figure 2), and bronchitis/bronchiolitis in children aged under 1 years (figure 4a) in line with increases in laboratory reports for respiratory syncytial virus (RSV).

There were further increases in vomiting in children aged < 15 years (figure 9a).

[Click to access the GPOOHSS bulletin](#)

**RCGP Weekly  
Returns Service:**

[Click here to access reports from the RCGP website](#) [external link]

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## 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>); reports will be made available on Thursday afternoons.
- Further weekly and annual reports are available from the RCGP Research and Surveillance web pages: <http://www.rcgp.org.uk/clinical-and-research/our-programmes/research-and-surveillance-centre.aspx>

## 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 sentinel 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 HSCIC
- Participating EDSSS emergency departments
- 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

### PHE Real-time Syndromic Surveillance Team

Public Health England, 6<sup>th</sup> Floor, 5 St Philip's Place, Birmingham, B3 2PW

**Tel:** 0344 225 3560 > Option 4 > Option 2

**Web:** <https://www.gov.uk/government/collections/syndromic-surveillance-systems-and-analyses>

**Contact ReSST:**  
syndromic-surveillance  
@phe.gov.uk