



04 January 2017

Year: 2016 Week: 52

**Syndromic  
surveillance national  
summary:**

## Reporting week: 26 December 2016 to 01 January 2017

During week 52 respiratory indicators, including NHS111 cold/flu calls and GP consultations for influenza-like illness, pneumonia and severe asthma continued to rise in adults, particularly in the elderly.

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

**Remote Health  
Advice:**

Cold/flu and cough calls continued to increase in week 52 across all adult age groups but are at levels expected for this time of year (figures 2 & 2a, 4 & 4a).

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

**GP In Hours:**

There were further increases in GP consultations for respiratory infections, including influenza-like illness during week 52 (figure 2). Consultations for lower respiratory tract infection and pneumonia are increasing in the elderly (figures 5, 5a, 6 & 6a).

There was a further increase in consultations for severe asthma during week 52, particularly in adults (figures 10 & 10a).

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

**Emergency  
Department:**

ED attendances for respiratory conditions, including acute respiratory infection remained elevated during week 52, and continued to increase in adult age groups (figures 7, 8 & 9).

[Click to access the EDSSS bulletin](#)

**GP Out of Hours:**

There were further increases in GP out of hours consultations for acute respiratory infections during week 52 (figure 2); increases were recorded mainly across adult age groups (figure 2a).

Gastroenteritis and vomiting consultations decreased slightly again in week 52 but remain at or above seasonally expected levels (figures 7 & 9).

[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

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