



PHE Syndromic Surveillance Summary

Produced by the PHE Real-time Syndromic Surveillance team

21 September 2016

Year: 2016 Week: 37

Syndromic surveillance national summary:

Reporting week: 12 to 18 September 2016

There have been increases in asthma/difficulty breathing and acute respiratory infection indicators, particularly for children. This is in line with seasonally expected activity.

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

Remote Health Advice:

There were increases in NHS 111 calls for cough and difficulty breathing during week 37 (figures 4 & 5), particularly in children under 15 years (figures 4a & 5a). An increase usually occurs at this time of year, coinciding with the return to school after the school holidays.

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

GP In Hours:

GP consultations for respiratory indicators have risen slightly during week 37 but remain below seasonally expected levels.

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

Emergency Department:

There was an increase in respiratory attendances, including those for acute respiratory infections (figure 8) and asthma/ wheeze/ difficulty breathing (figure 15), particularly in children aged 0-4 years (figures 9 & 16) during week 37 (figures 7-16). These were within seasonally expected levels.

[Click to access the EDSSS bulletin](#)

GP Out of Hours:

During week 37 there was an increase in GP out of hours consultations for all respiratory conditions, particularly for children 0-15 years (figures 2-5).

[Click to access the GPOHSS 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:

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- 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
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