RSC Communicable and Respiratory Disease Report for England

Key Statistics:

Week Number/Year..................11/2015
Week Starting - Ending...........09/03/2015 - 15/03/2015
No. of Practices....................49
Population.........................537960

National (England)

- Acute Bronchitis: decreased from 77.6 in week 10 to 71.2 in week 11.
- Asthma: no change from 9.7 in week 10 to 9.7 in week 11.
- Common Cold & URTI NOS: increased from 107.2 in week 10 to 109.7 in week 11.
- Influenza Like Illness: decreased from 16.7 week 10 to 12.6 in week 11.
- Respiratory System Diseases: decreased from 331.5 in week 10 to 313.2 in week 11.

Regional (North, Central and South)

- Acute Bronchitis: decreased in the North from 83.9 in week 10 to 78.1 in week 11, decreased in the Central region from 74.1 in week 10 to 72.4 in week 11 and decreased in the South from 76.4 in week 10 to 67.1 in week 11.
- Asthma: decreased in the North from 10.0 in week 10 to 8.1 in week 11, decreased in the Central region from 9.8 in week 10 to 8.8 week 11 and increased in the South from 9.6 in week 10 to 11.0 in week 11.
- Common Cold & URTI NOS: decreased in the North from 116.1 in week 10 to 110.3 in week 11, increased in the Central region from 75.3 in week 10 to 90.0 in week 11 and increased in the South from 119.6 in week 10 to 121.6 in week 11.
- Influenza Like Illness: decreased in the North from 15.4 in week 10 to 10.5 in week 11, decreased in the Central region from 13.6 in week 10 to 8.8 in week 11 and decreased in the South from 18.9 in week 10 to 16.1 in week 11.
- Respiratory System Diseases: decreased in the North from 344.7 in week 10 to 321.2 in week 11, decreased a little in the Central region from 285.6 week 10 to 285.2 in week 11 and decreased in the South from 349.1 in week 10 to 326.7 in week 11.

Comment:

The data presented on this page is a like-for-like comparison between provisional data for week 11 and provisional data for week 10. For long-term trends, the confirmed data should be used which is displayed on the graphs; though the most recent data point is the provisional data.

Presentations with acute respiratory illness to RCGP RSC practices in week 11 either decreased or were similar to levels in week 10.

Since the beginning of the year we have seen an increase in presentations with Streptococcal sore throat and scarletina to RSC practices. Page 7, middle left graph. Most of this increase is accounted for by cases of scarletina, which account for just over 85% of cases. As would be anticipated just under 45% of cases of scarletina are in children 1 to 4 years, 40% in children 5 to 14 years with the remaining 15% in those 15 years and over.
Winter Focus 2014/15

A special focus on influenza-like illness is being continued into the winter months and is provided below. Each weekly incidence rate is presented per 100,000 population. All presentations are for males and females in all age groups unless otherwise stated.

Weekly influenza-like illness and bronchitis incidence rates per 100,000 persons

<table>
<thead>
<tr>
<th>Influenza-like illness</th>
<th>Bronchitis</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1yr</td>
<td>0.0</td>
</tr>
<tr>
<td>1-4yrs</td>
<td>3.9</td>
</tr>
<tr>
<td>5-14yrs</td>
<td>4.8</td>
</tr>
<tr>
<td>15-24yrs</td>
<td>6.3</td>
</tr>
<tr>
<td>25-44yrs</td>
<td>13.1</td>
</tr>
<tr>
<td>45-64yrs</td>
<td>20.5</td>
</tr>
<tr>
<td>65-74yrs</td>
<td>15.5</td>
</tr>
<tr>
<td>75-84yrs</td>
<td>6.6</td>
</tr>
<tr>
<td>85+yrs</td>
<td>15.9</td>
</tr>
<tr>
<td>All ages</td>
<td>12.6</td>
</tr>
</tbody>
</table>

(A) Influenza-like illness: incidence rate winter 2014/15
(Provisional rate for the latest week plus confirmed for previous weeks.)

(B) Influenza-like illness: Incidence rates per 100,000 all age by Strategic Health Authority 2014/15
**C** Influenza-like illness: national incidence rate 2014/2015 by age group

(Provisional rate for the latest week plus confirmed for previous weeks.)

![Graph showing influenza-like illness national incidence rate 2014/2015 by age group.](image)

**D** RCGP/PHE Influenza Swabbing Surveillance 2014/15 (all ages, gender, & regions combined)

(Provisional rate for the latest week plus confirmed for previous weeks.)

![Graph showing RCGP/PHE Influenza Swabbing Surveillance 2014/15.](image)

Weekly incidence data collected in the WRS (Weekly Returns Service) are presented for each disease set against the background National weekly average over the previous 10 years. Data are available for 3 supra-regional groupings; North, Central and South. All presentations are for males and females in all age groups unless otherwise stated. **Please note for influenza like illness weeks 18-35 use a 9 year baseline excluding the weeks of the summer pandemic in 2009.**
1. Water & Food Borne Disorders:

(Graphs show provisional rate for the latest week plus confirmed for previous weeks.)

Infectious Intestinal Disease (ICD9 001-009)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

Infectious Intestinal Disease (ICD9 001-009)
Weekly incidence (per 100,000 0-4 years) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

Non-Infective Enteritis & Colitis (ICD9 555-558)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

Viral Hepatitis (ICD9 070)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)
2. Environmentally Sensitive Disorders:

(Graphs show provisional rate for the latest week plus confirmed for previous weeks.)

Asthma (ICD9 493)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

Disorders of Conjunctiva (ICD9 372)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

Hayfever/Allergic Rhinitis (ICD9 477)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

Symptoms involving Respiratory & Chest (ICD9 786)
Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)
3. Respiratory Infections:

(Graphs show provisional rate for the latest week plus confirmed for previous weeks.)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Region</th>
<th>Year Range</th>
<th>Graph Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Bronchitis (ICD9 466 &amp; 490)</td>
<td>North, Central &amp; South</td>
<td>2014 compared with 10 year average (2004-2013)</td>
<td>Weekly incidence (per 100,000 all ages) in regions</td>
</tr>
<tr>
<td>Influenza-Like Illness (ICD9 487)</td>
<td>North, Central &amp; South</td>
<td>2014 compared with 10 year average (2004-2013)</td>
<td>Weekly incidence (per 100,000 all ages) in regions</td>
</tr>
<tr>
<td>Common Cold (ICD9 460 &amp; 465)</td>
<td>North, Central &amp; South</td>
<td>2014 compared with 10 year average (2004-2013)</td>
<td>Weekly incidence (per 100,000 all ages) in regions</td>
</tr>
<tr>
<td>Acute Laryngitis/Tracheitis (ICD9 464)</td>
<td>North, Central &amp; South</td>
<td>2014 compared with 10 year average (2004-2013)</td>
<td>Weekly incidence (per 100,000 all ages) in regions</td>
</tr>
<tr>
<td>Pleurisy (ICD9 511)</td>
<td>North, Central &amp; South</td>
<td>2014 compared with 10 year Average (2004-2013)</td>
<td>Weekly incidence (per 100,000 all ages) in regions</td>
</tr>
<tr>
<td>Pneumonia/Pneumonitis (ICD9 480-486)</td>
<td>North, Central &amp; South</td>
<td>2014 compared with 10 year average (2004-2013)</td>
<td>Weekly incidence (per 100,000 all ages) in regions</td>
</tr>
</tbody>
</table>
3. Respiratory Infections (Continued):

**Strep Sore Throat, Scarletina and Peritonsillar Abscess (ICD9 034 & 475)**

Weekly incidence (per 100,000 all ages) in regions

North, Central & South 2014 compared with 10 year average (2004-2013)

**Acute Sinusitis (ICD9 461)**

Weekly incidence (per 100,000 all ages) in regions

North, Central & South 2014 compared with 10 year average (2004-2013)

**Acute Tonsillitis/Pharyngitis (ICD9 462-463)**

Weekly incidence (per 100,000 all ages) in regions

North, Central & South 2014 compared with 10 year average (2004-2013)

**Upper Respiratory Tract Infections (URTI)**

Weekly incidence (Per 100,000 all ages) in regions

North, Central & South 2014 compared with 10 year average (2004-2013)

(ICD9 381.0, 382.0, 382.9, 460-463 & 465)

**Whooping Cough (ICD9 033)**

Weekly incidence (per 100,000 all ages) in regions

North, Central & South 2014 compared with 10 year average (2004-2013)
3. Respiratory Infections (Continued):

Infectious Mononucleosis (ICD9 075)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Lower Respiratory Tract Infections (LRTI)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Acute Otitis Media (ICD9 381.0, 382.0 & 382.9)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)
4. Vaccine Sensitive Disorders

- **Measles (ICD 055)**
  - Weekly incidence (Per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

- **Rubella (ICD 056)**
  - Weekly incidence (per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

- **Mumps (ICD 072)**
  - Weekly incidence (Per 100,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

5. Skin Contagions

- **Bullous Dermatoses (ICD 694)**
  - Weekly incidence (per 10,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)

- **Chickenpox (ICD 052)**
  - Weekly incidence (per 10,000 all ages) in regions North, Central & South 2014 compared with 10 year average (2004-2013)
5. Skin Contagions (Continued)

Herpes Simplex (ICD9 054)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Herpes Zoster (ICD9 053 Excl 053.1)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Infections of Skin & Subcutaneous Tissue (ICD9 680-686)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Scabies (ICD9 133.0)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Symptoms involving Skin & Oth Integument Tiss (ICD9 782)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Impetigo (ICD9 684)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)
6. Disorders Affecting the Nervous System

Disorders of The Peripheral Nervous System (ICD9 350-359)
Weekly incidence (per 100,000 all ages) in regions
Norths, Central & South 2014 compared with 10 year average (2004-2013)

Symptoms Involving Nervous & Musculoskeletal (ICD9 781)
Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

Meningitis/Encephalitis Weekly incidence (per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)

10yr Avg National North Central South

7. Genitourinary System Disorders

Urinary Tract Infection/Cystitis (ICD9 595 & 599.0)
Weekly incidence (Per 100,000 all ages) in regions
North, Central & South 2014 compared with 10 year average (2004-2013)
## 8. Tabular Summary by Disease

(Tabular Summary by Disease shows provisional rate for the latest week plus confirmed for previous weeks.)

<table>
<thead>
<tr>
<th>Disease</th>
<th>Week beginning</th>
<th>Rate</th>
<th>Episodes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allergic Rhinitis</td>
<td>15/03/2015</td>
<td>5.4</td>
<td>29</td>
</tr>
<tr>
<td>Asthma</td>
<td>08/03/2015</td>
<td>11.9</td>
<td>64</td>
</tr>
<tr>
<td>Bronchitis</td>
<td>01/03/2015</td>
<td>0.7</td>
<td>1</td>
</tr>
<tr>
<td>Bullous Dermatoses</td>
<td>22/02/2015</td>
<td>7.4</td>
<td>40</td>
</tr>
<tr>
<td>Chickenpox</td>
<td>22/02/2015</td>
<td>10.0</td>
<td>54</td>
</tr>
<tr>
<td>Common Cold</td>
<td>01/03/2015</td>
<td>133.7</td>
<td>719</td>
</tr>
<tr>
<td>Conjunctival Disorders</td>
<td>01/03/2015</td>
<td>12.6</td>
<td>93</td>
</tr>
<tr>
<td>Herpes Simplex</td>
<td>22/02/2015</td>
<td>0.4</td>
<td>2</td>
</tr>
<tr>
<td>Herpes Zoster</td>
<td>22/02/2015</td>
<td>12.6</td>
<td>93</td>
</tr>
<tr>
<td>Impetigo</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Infectious Mononucleosis</td>
<td>01/03/2015</td>
<td>12.6</td>
<td>93</td>
</tr>
<tr>
<td>Influenza-like illness</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Intestinal Infectious Diseases</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Laryngitis and Tracheitis</td>
<td>01/03/2015</td>
<td>4.3</td>
<td>23</td>
</tr>
<tr>
<td>Lower Respiratory Tract Infections</td>
<td>01/03/2015</td>
<td>8.7</td>
<td>41</td>
</tr>
<tr>
<td>Measles</td>
<td>22/02/2015</td>
<td>0.4</td>
<td>2</td>
</tr>
<tr>
<td>Meningitis and Encephalitis</td>
<td>01/03/2015</td>
<td>12.6</td>
<td>93</td>
</tr>
<tr>
<td>Mumps</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Non-infective Enteritis and Colitis</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Otitis Media Acute</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Peripheral Nervous Disease</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Pneumonia and Pneumonitis</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Respiratory System Diseases</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Rubella</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Scabies</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Sinusitis</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Skin and Subcutaneous Tissue Infections</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Strep Throat and Peritonsillar Abscess</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Symptoms involving Respiratory and Chest</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Symptoms involving Skin and Integument Tl.</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Symptoms involving musculoskeletal</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Tonsillitis and acute Pharyngitis</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Upper Respiratory Tract Infections</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Urinary Tract Infections</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Viral Hepatitis</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
<tr>
<td>Whooping Cough</td>
<td>01/03/2015</td>
<td>6.3</td>
<td>34</td>
</tr>
</tbody>
</table>

Number of practices: 49

Population: 537960
The Weekly Returns Service (WRS) was established in 1964 as the Birmingham Research Unit of the Royal College of General Practitioners. The WRS monitors the number of patients consulting with new episodes of illness classified by diagnosis in England and Wales and provides weekly incidence rates per 100,000 population for these new episodes of illness. The WRS has archived all data since 1967 providing an unrivalled opportunity to look at long term trends of disease. As from the 1 April 2009 the Birmingham Research Unit became known as the RCGP Research & Surveillance Centre (RSC) to better reflect the work of the Centre. The Centre is internationally renowned for its expertise on respiratory illnesses, particularly influenza and influenza-like illnesses.

This bulletin can be found at http://www.rcgp.org.uk/clinical-and-research/research-and-surveillance-centre.aspx together with further information about the RCGP Research & Surveillance Centre and a selection of publications and morbidity reports.

The bulletin is also included in https://www.gov.uk/government/publications/syndromic-surveillance-summary.

For further information about the work of the RSC, or if you would like to be included on our email notification list, please contact:

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