



18 March 2015

Year: 2015 Week: 11

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## Key messages

Data to: 15 March 2015

There were further small increases in GP consultations for scarlet fever during week 11 (figure 4). The highest consultation rates were in the 1-4 years age group (figure 4a).

A Cold Watch System operates in England from 1 November to 31 March each year. As part of the Public Health England Cold Weather Plan for England the PHE Real-time Syndromic Surveillance team will be monitoring the impact of cold weather on syndromic surveillance data during this period.

Cold weather alert level (current reporting week): **Level 1- Winter preparedness**  
<http://www.metoffice.gov.uk/weather/uk/coldweatheralert/>

## Diagnostic indicators at a glance:

Indicator	Trend	Level
Upper respiratory tract infection	no trend	similar to baseline levels
Influenza-like illness	decreasing	above baseline levels
Pharyngitis	no trend	above baseline levels
Scarlet fever	increasing	above baseline levels
Lower respiratory tract infection	decreasing	similar to baseline levels
Pneumonia	decreasing	similar to baseline levels
Gastroenteritis	no trend	below baseline levels
Vomiting	no trend	above baseline levels
Diarrhoea	no trend	below baseline levels
Severe asthma	no trend	above baseline levels
Wheeze	no trend	above baseline levels
Allergic rhinitis	no trend	below baseline levels
Conjunctivitis	no trend	below baseline levels
Mumps	no trend	below baseline levels
Measles	no trend	below baseline levels
Rubella	no trend	similar to baseline levels
Pertussis	no trend	above baseline levels
Chickenpox	increasing	similar to baseline levels
Herpes zoster	no trend	similar to baseline levels
Cellulitis	no trend	above baseline levels
Impetigo	no trend	similar to baseline levels

## GP practices and denominator population:

Year	Week	GP Practices Reporting**	Population size**
2015	11	4600	33.7 million

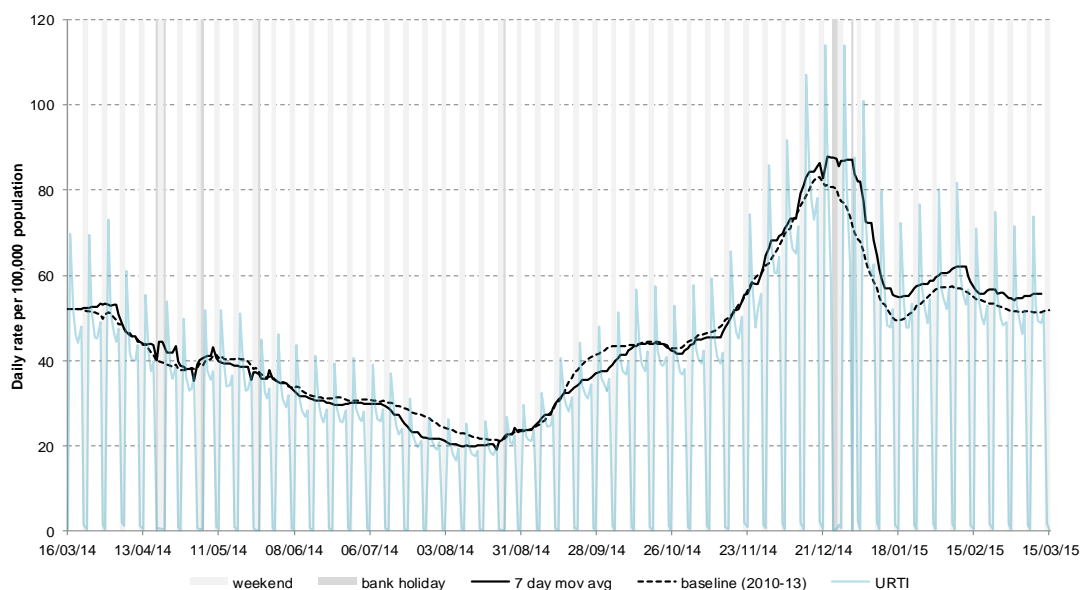
\*\*based on the average number of practices and denominator population in the reporting working week.

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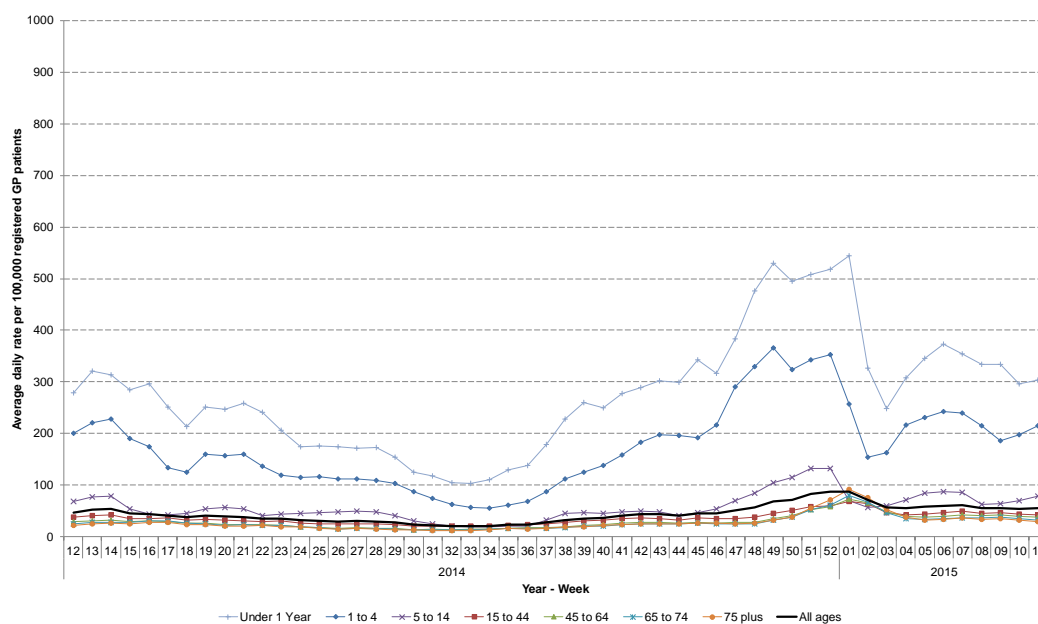
## 1: Upper respiratory tract infection (URTI)

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



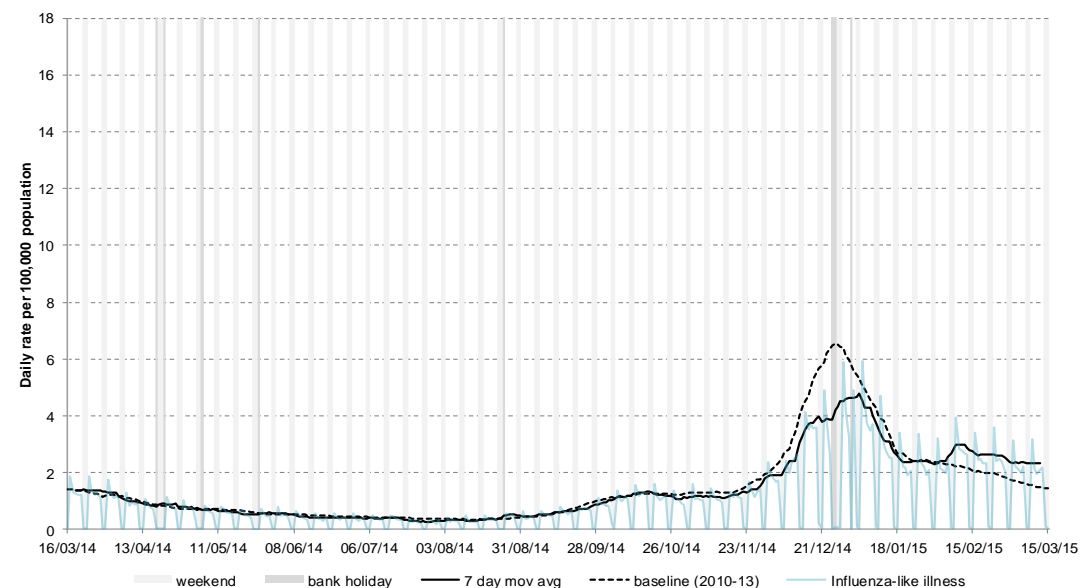
## 1a: Upper respiratory tract infection (URTI) by age

Average daily incidence rate by week per 100,000 population (all England)



## 2: Influenza-like illness (ILI)

Daily incidence rates (and 7-day moving average\*) per 100,000 population (all England, all ages).



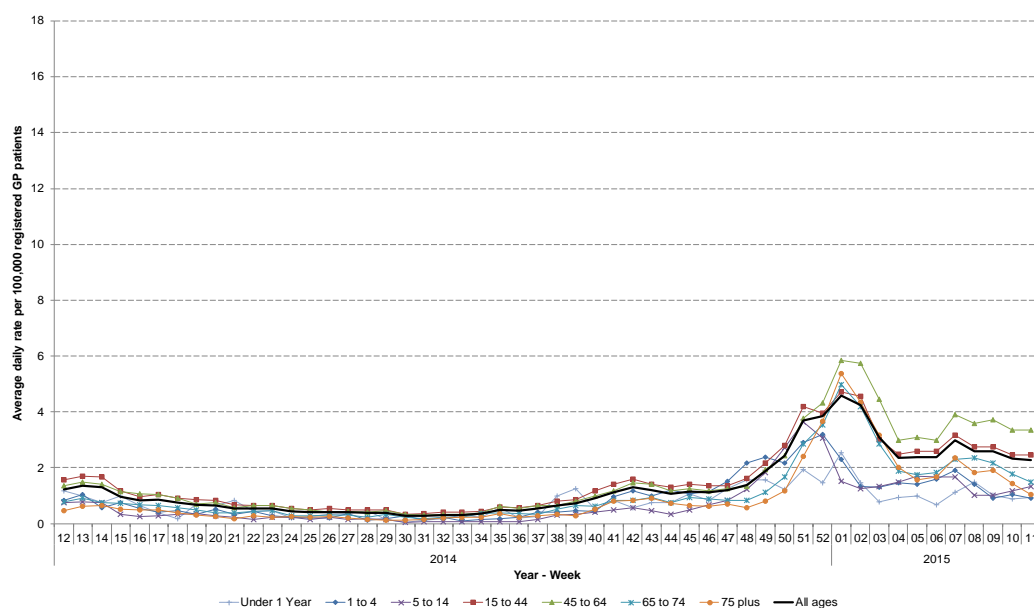
\* 7-day moving average adjusted for bank holidays.

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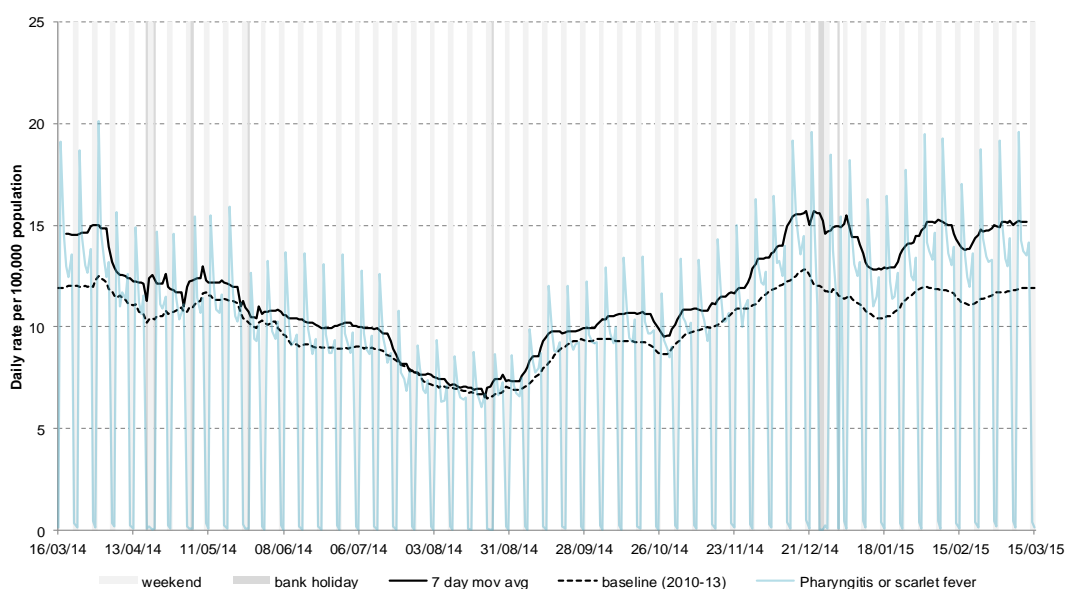
## 2a: Influenza-like illness (ILI) by age

Average daily incidence rate by week per 100,000 population (all England)



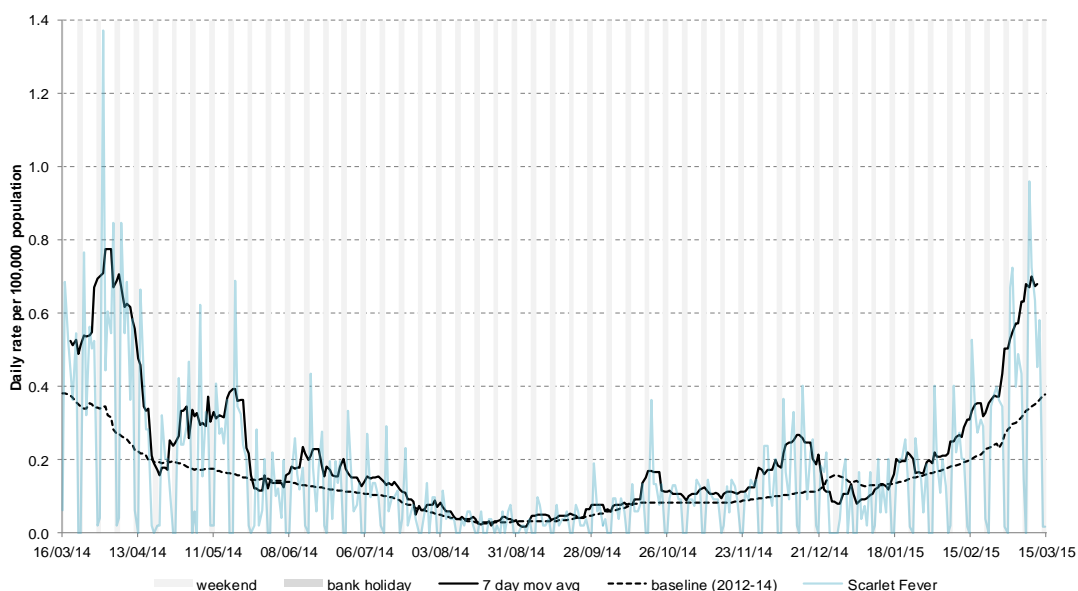
## 3: Pharyngitis or scarlet fever

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 4: Scarlet fever

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages, based on a population denominator of approximately 5.5 million patients).



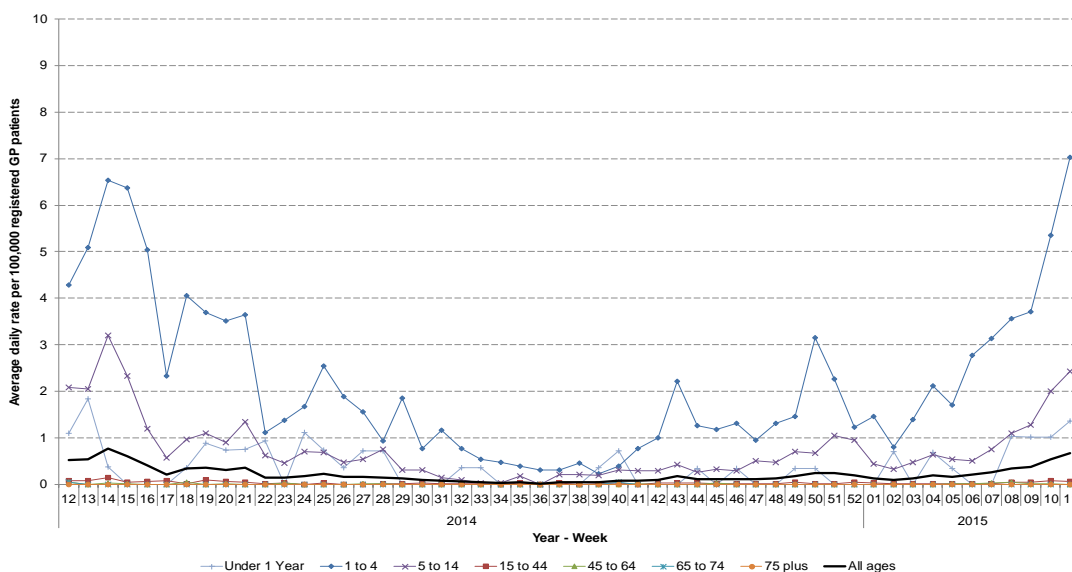
\* 7-day moving average adjusted for bank holidays.

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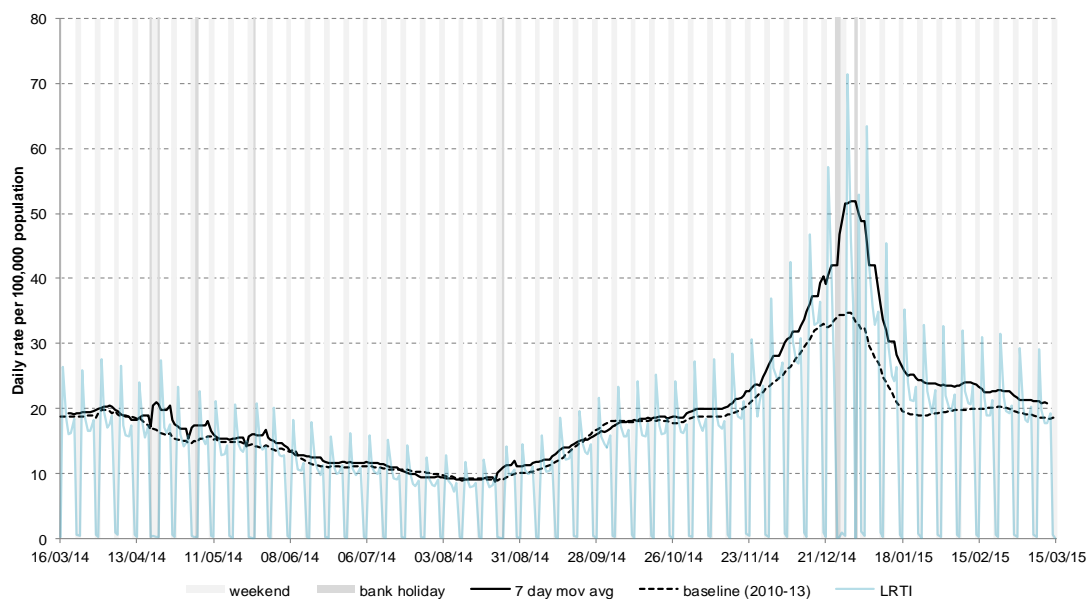
## 4a: Scarlet fever by age

Average daily incidence rate by week per 100,000 population (all England, based on a population denominator of approximately 5.5 million patients).



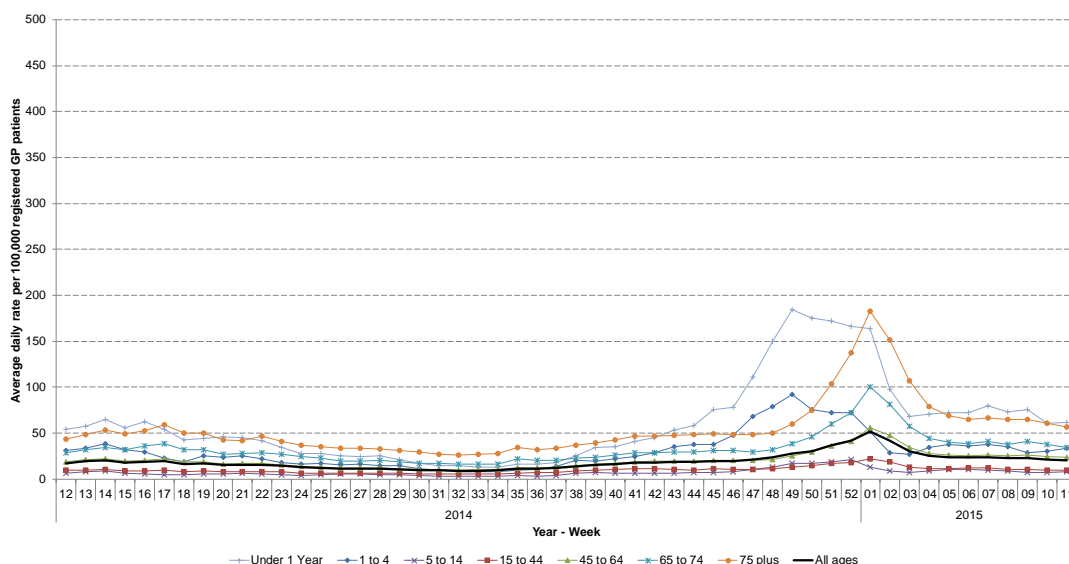
## 5: Lower respiratory tract infection (LRTI)

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 5a: Lower respiratory tract infection (LRTI) by age

Average daily incidence rate by week per 100,000 population (all England)



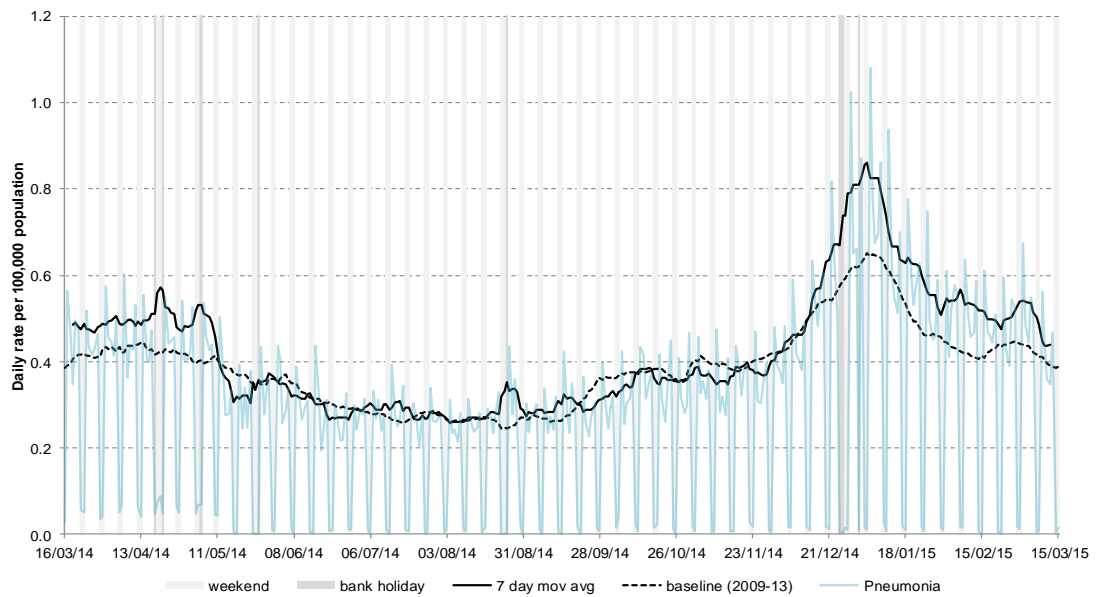
\* 7-day moving average adjusted for bank holidays.

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## 6: Pneumonia

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



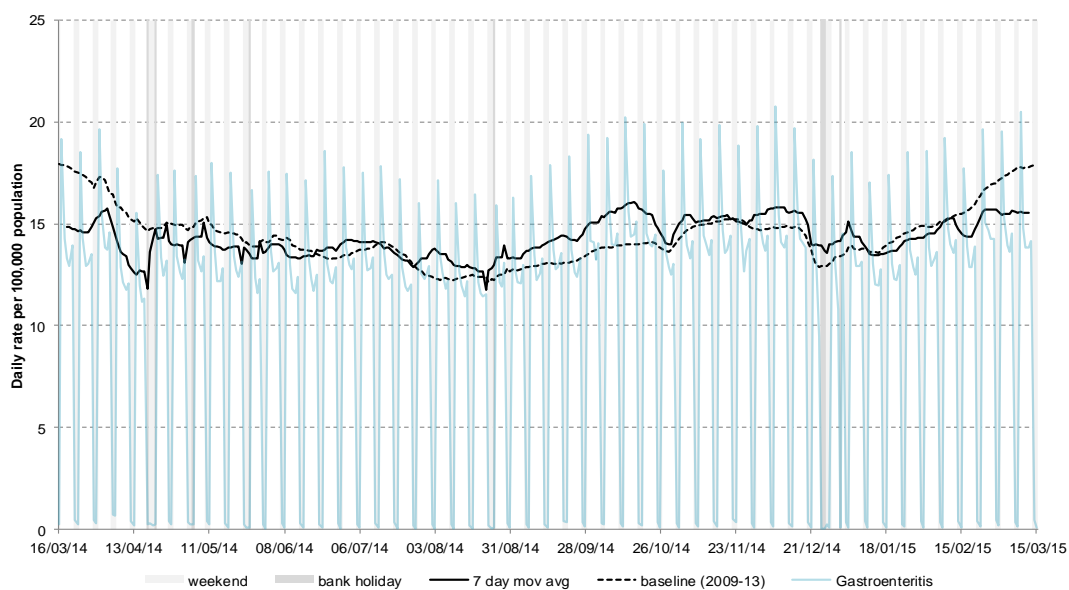
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\* 7-day moving average adjusted for bank holidays.

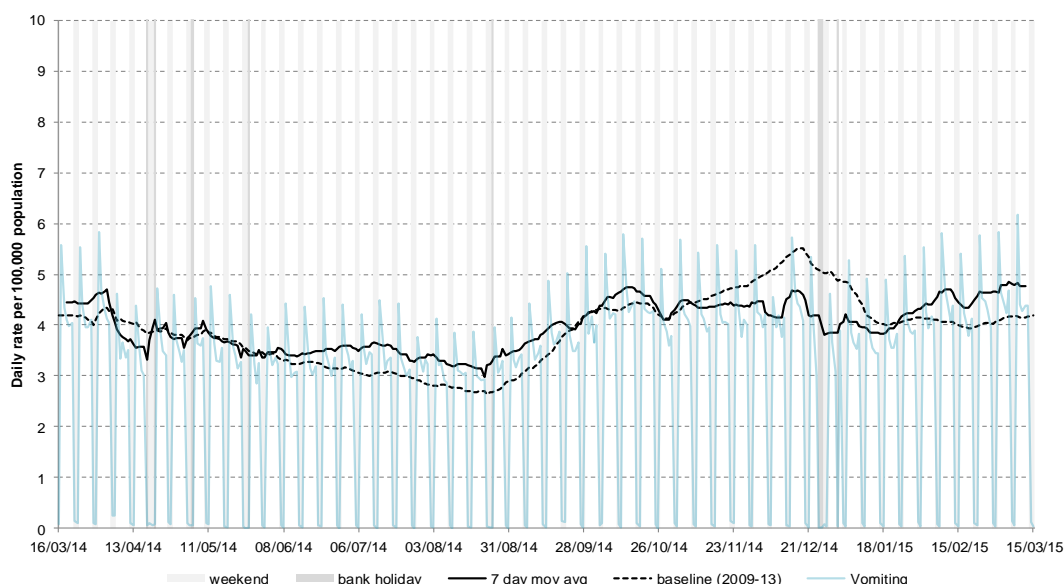
## 7: Gastroenteritis

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



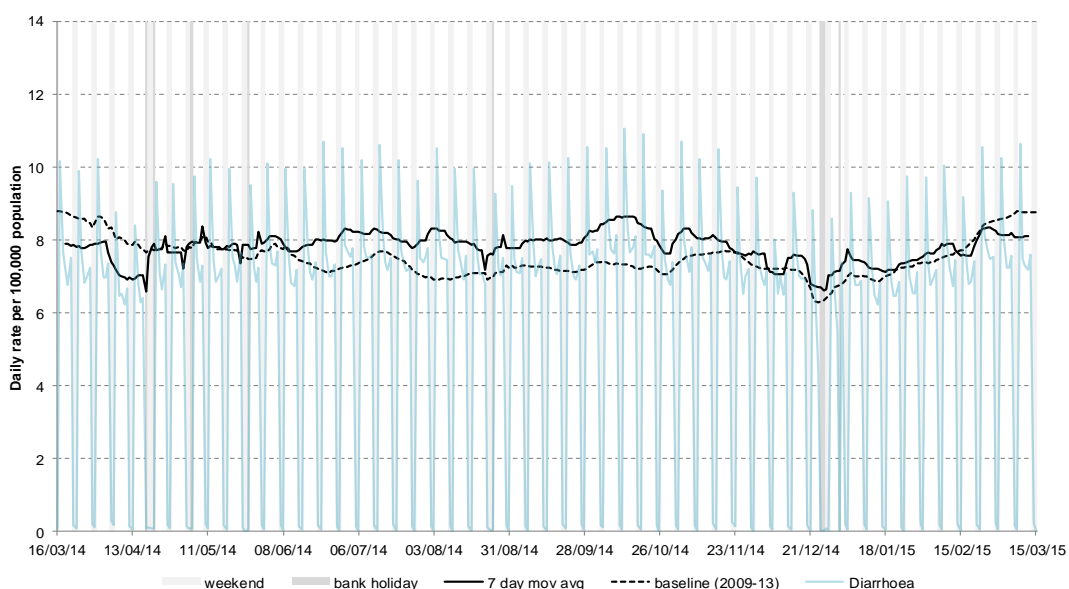
## 8: Vomiting

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 9: Diarrhoea

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



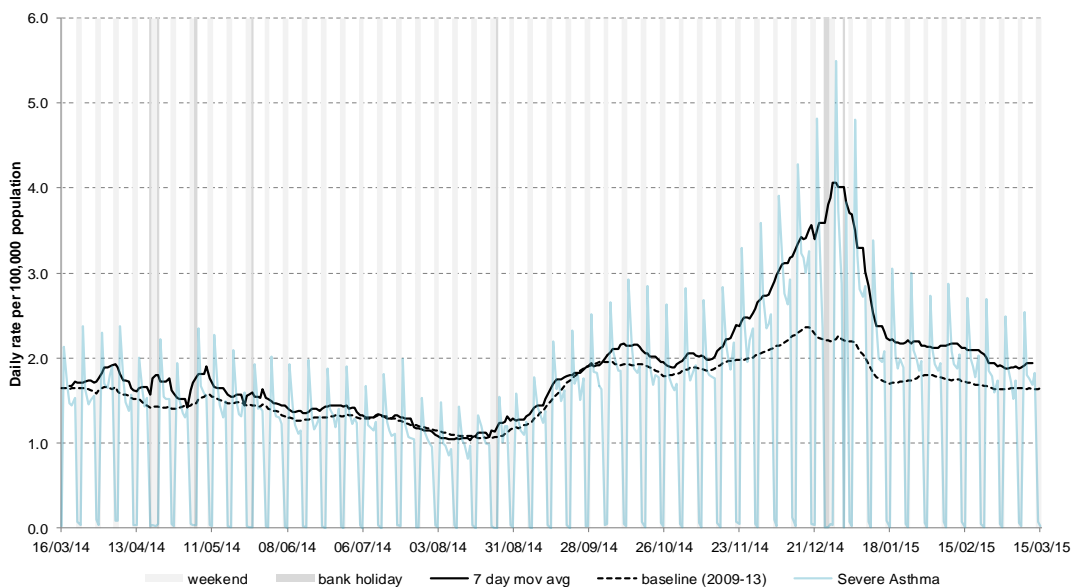
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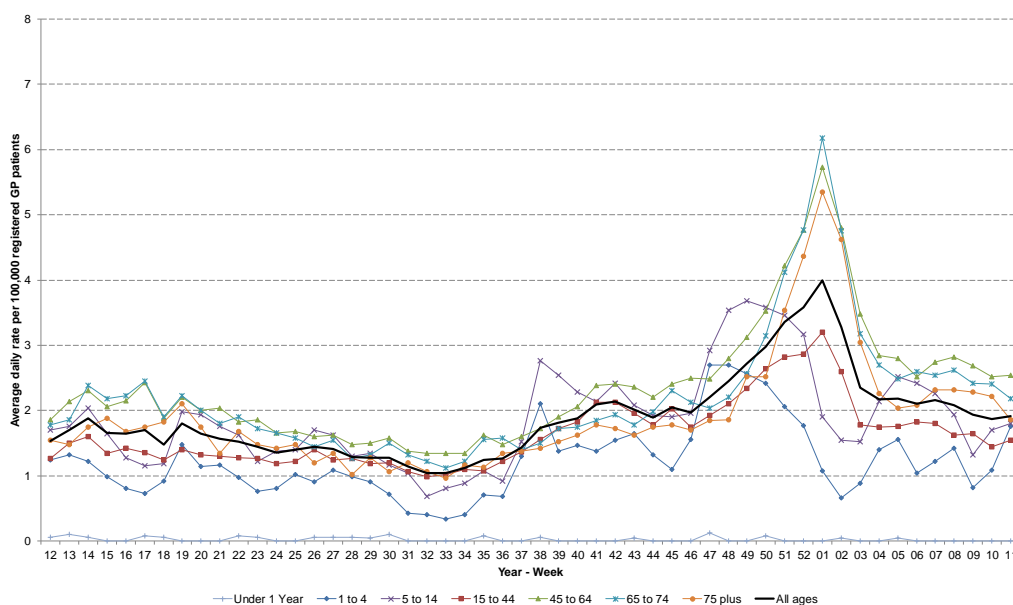
## 10: Severe asthma

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



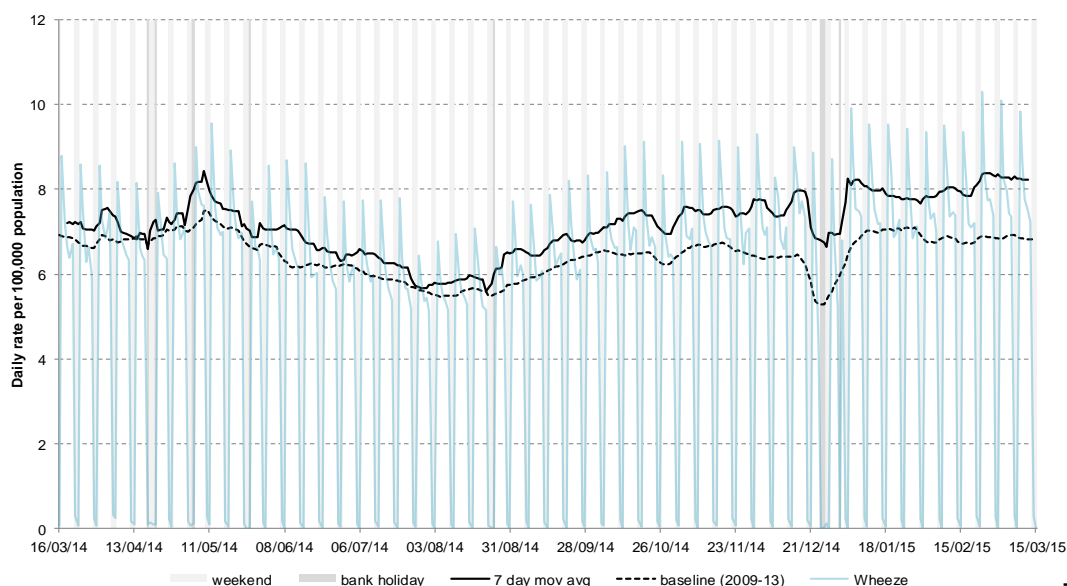
## 10a: Severe asthma by age

Average daily incidence rate by week per 100,000 population (all England)



## 11: Wheeze

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



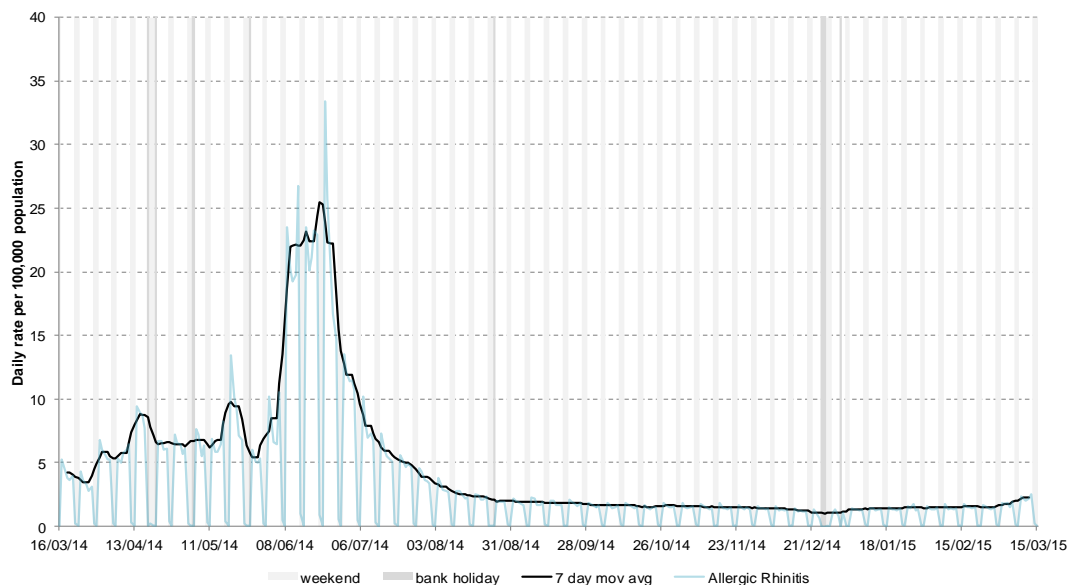
\* 7-day moving average adjusted for bank holidays.

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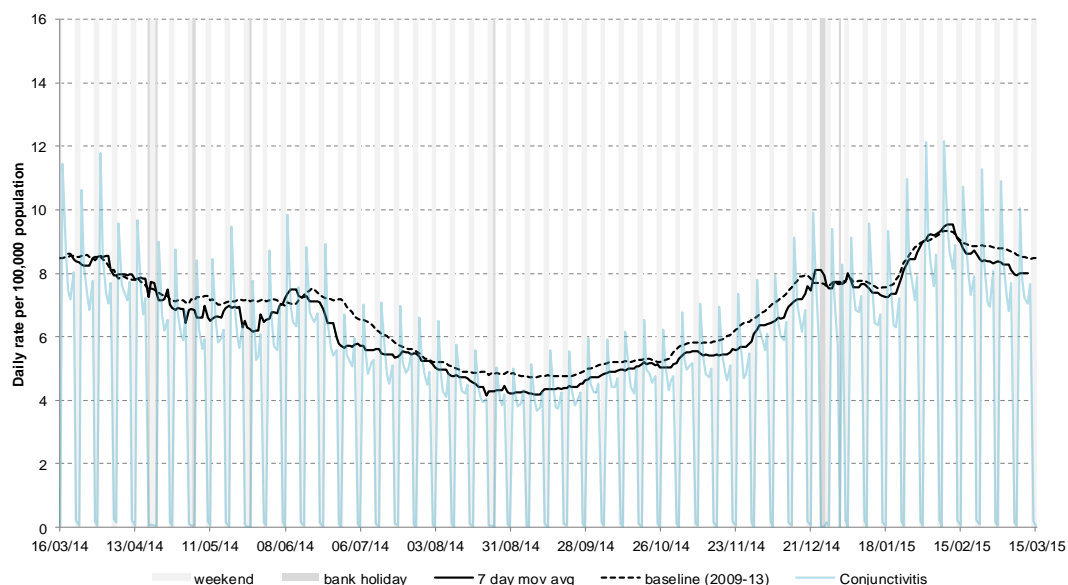
## 12: Allergic rhinitis

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 13: Conjunctivitis

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



\* 7-day moving average adjusted for bank holidays.

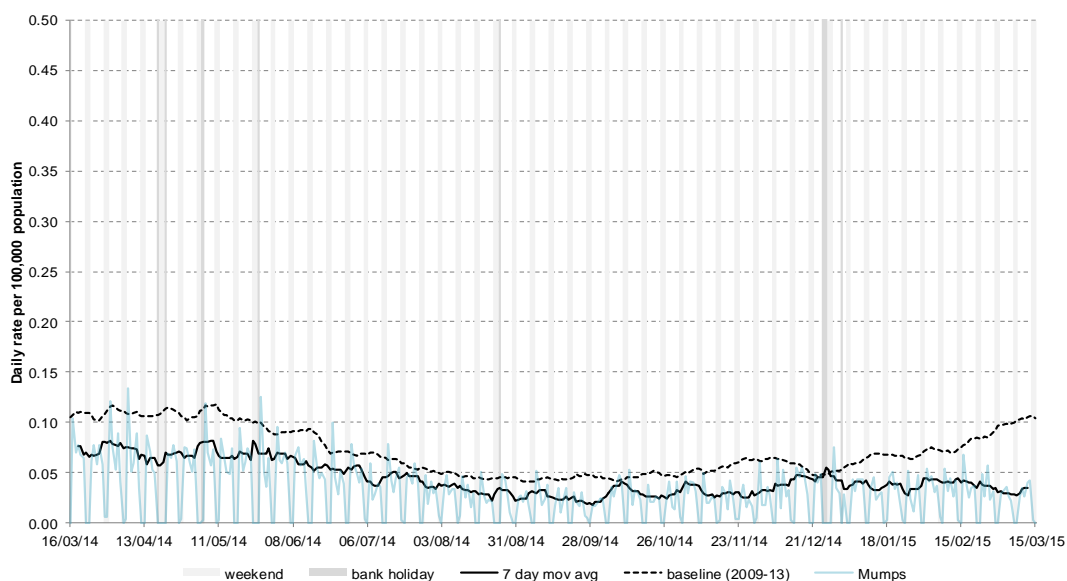


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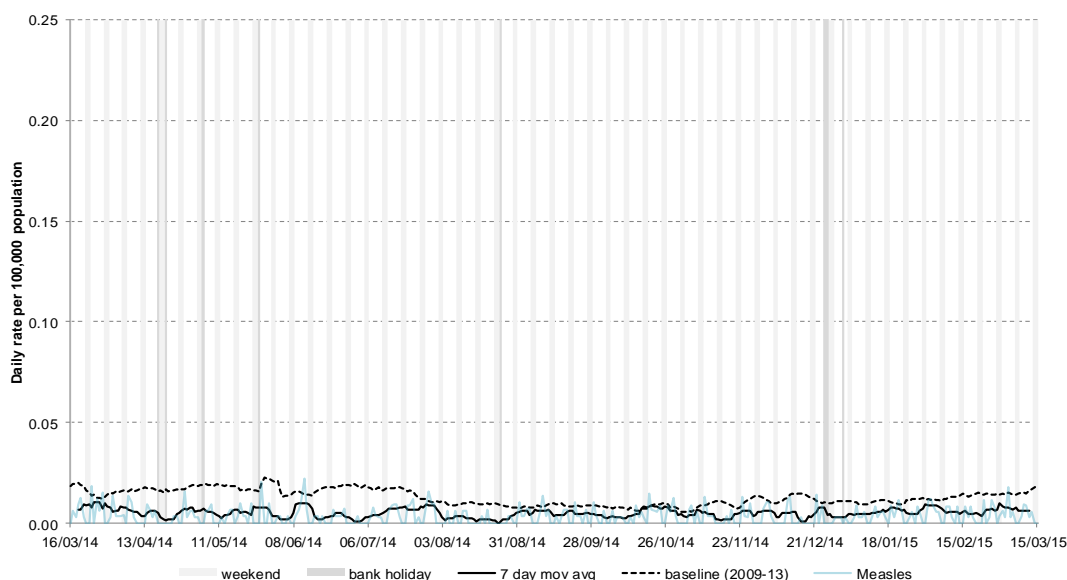
## 14: Mumps

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



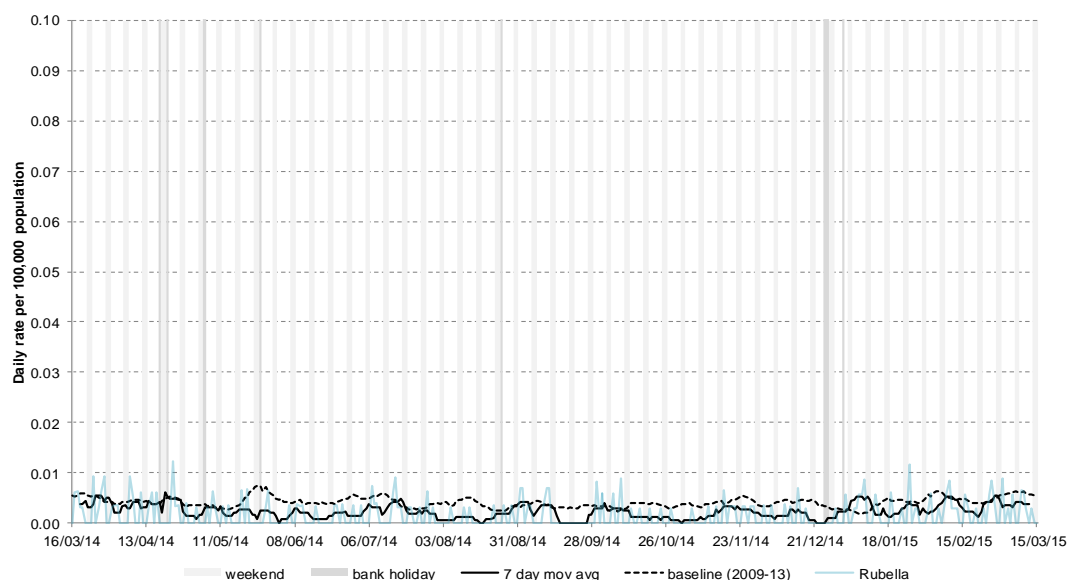
## 15: Measles

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 16: Rubella

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



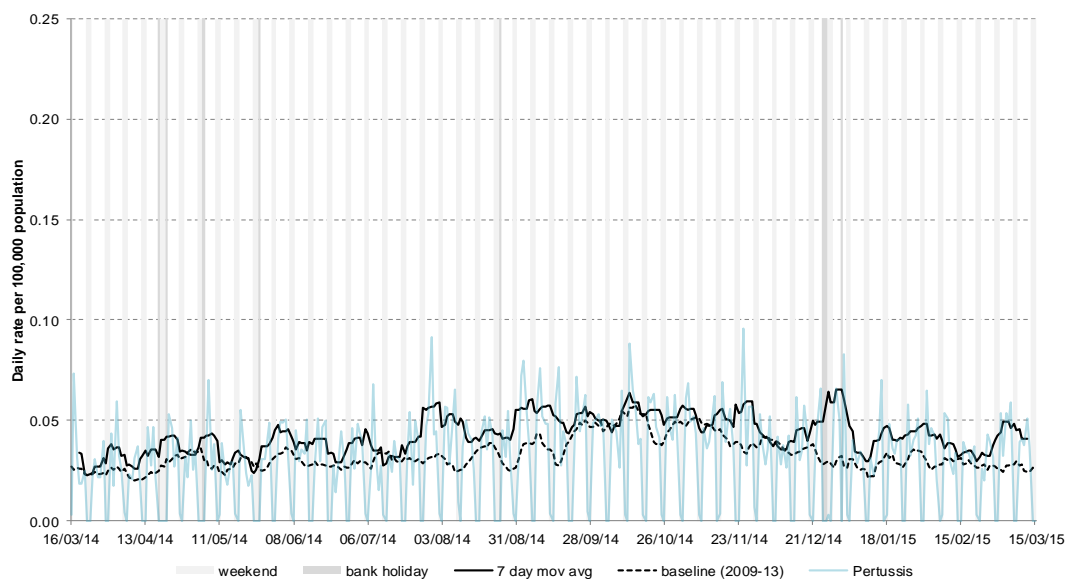
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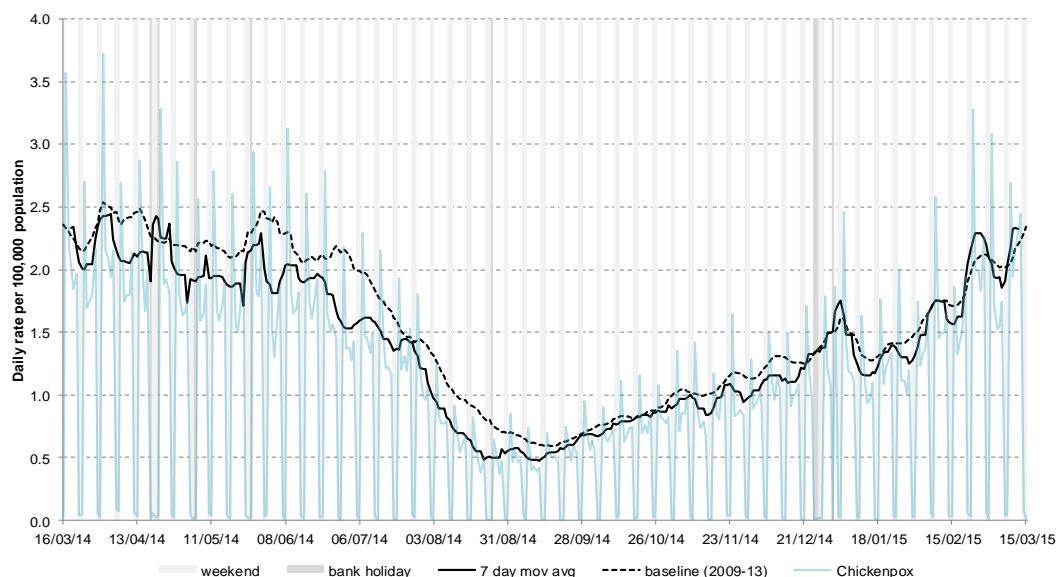
## 17: Pertussis

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



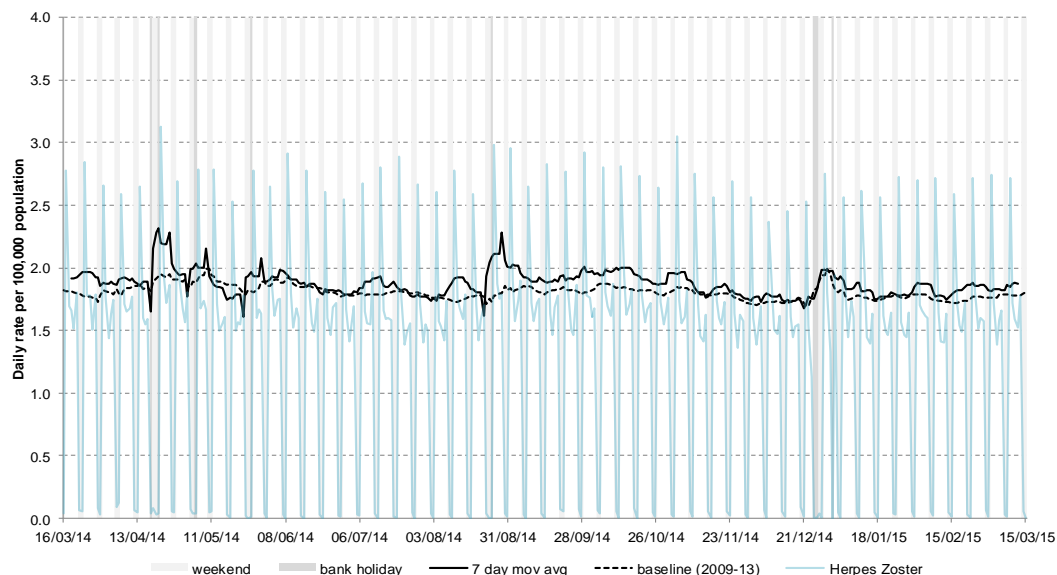
## 18: Chickenpox

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 19: Herpes zoster

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



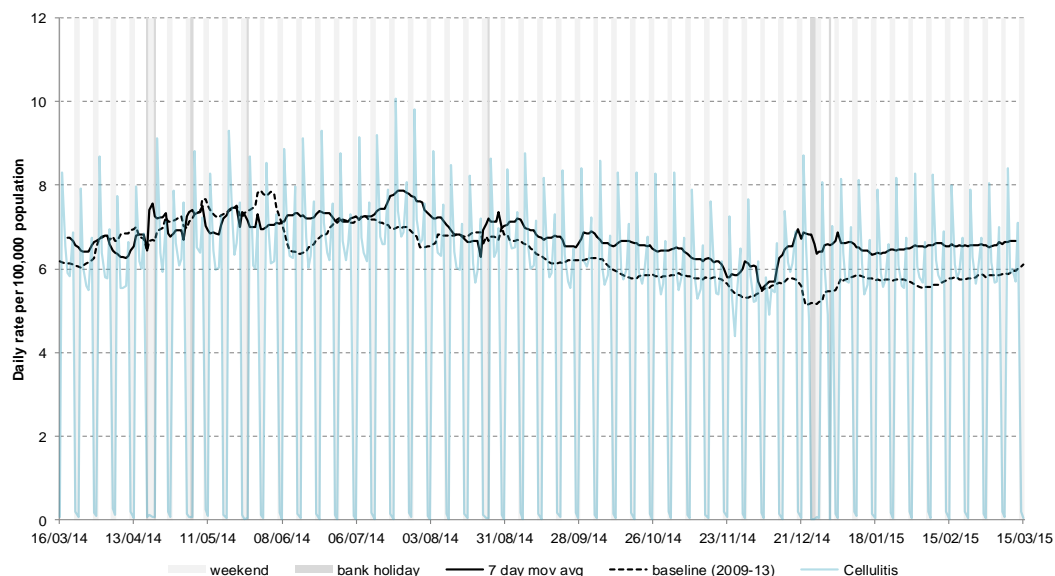
\* 7-day moving average adjusted for bank holidays.

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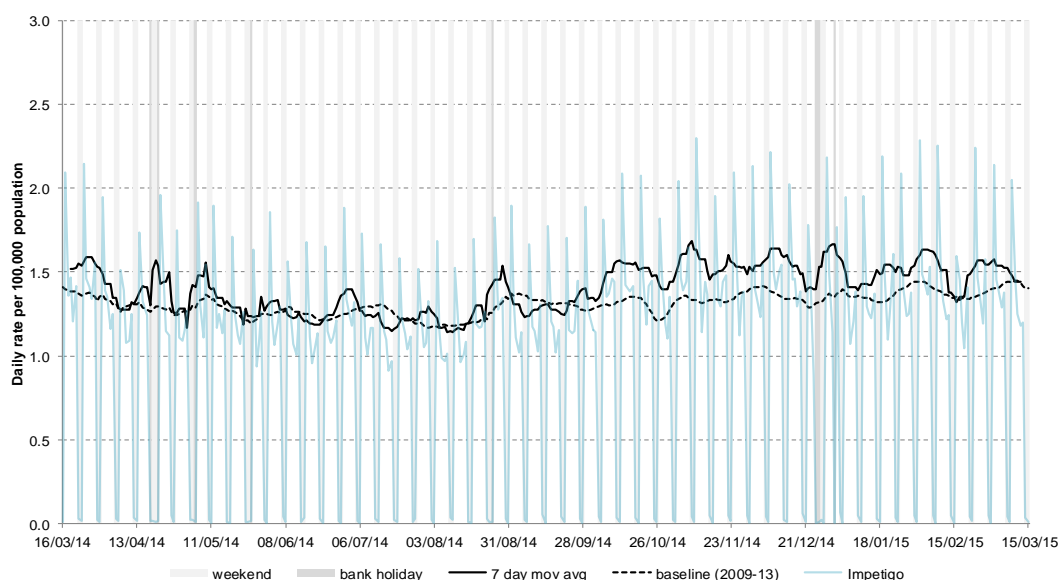
## 20: Cellulitis

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 21: Impetigo

Daily incidence rate (and 7-day moving average\*) per 100,000 population (all England, all ages).



## 22: Intentionally left blank

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\* 7-day moving average adjusted for bank holidays.

## Notes and further information

- The Public Health England GP in hours surveillance system is a syndromic surveillance system monitoring community-based morbidity recorded by GP practices.
  - This system captures anonymised GP morbidity data from two GP clinical software systems, EMIS, from version 1 of the QSurveillance® database, and TPP SystmOne.
  - Historic baselines are smoothed to remove bank holiday effects. Data from 2009 has been excluded for selected indicators which were affected by the H1N1 influenza pandemic. No baseline is currently included for allergic rhinitis.
  - The appendix illustrates weekly GP in hours consultation data for influenza-like illness (ILI). Each PHE Centre is represented by a thematic map showing its constituent local authorities (LA) coloured according to the weekly consultation rate of ILI per 100,000 population. LAs where less than 5 cases of ILI have been reported are suppressed and illustrated as no data.
  - The maps on the following pages contains Ordnance Survey data © Crown copyright and database right 2014. Contains National Statistics data © Crown copyright and database right 2014.
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## Acknowledgements:

We thank and acknowledge the University of Nottingham, ClinRisk® and the contribution of EMIS and EMIS practices. Data source: version 1 of the QSurveillance® database.

We thank TPP, ResearchOne and the SystmOne GP practices contributing to this surveillance system.

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### GP In Hours Syndromic Surveillance System Bulletin.

**Produced by:** PHE Real-time Syndromic Surveillance Team  
6<sup>th</sup> Floor, 5 St Philip's Place, Birmingham, B3 2PW

**Tel:** 0344 225 3560 > Option 4 > Option 2      **Fax:** 0121 236 2215

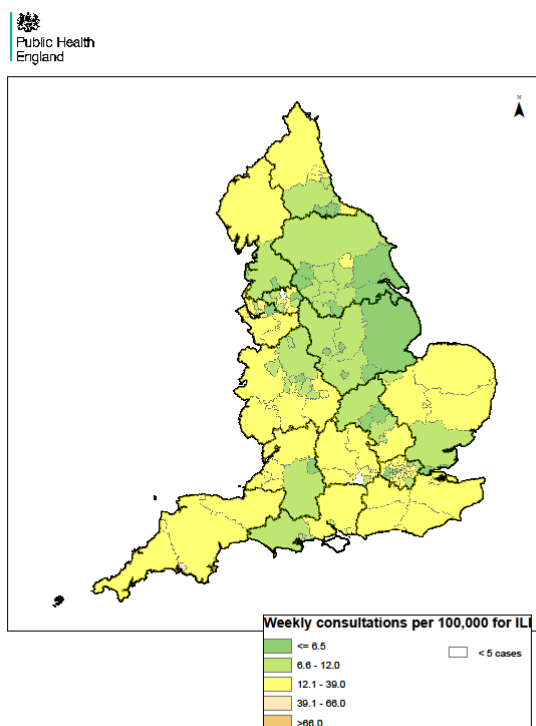
**Web:** <https://www.gov.uk/government/collections/syndromic-surveillance-systems-and-analyses>

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

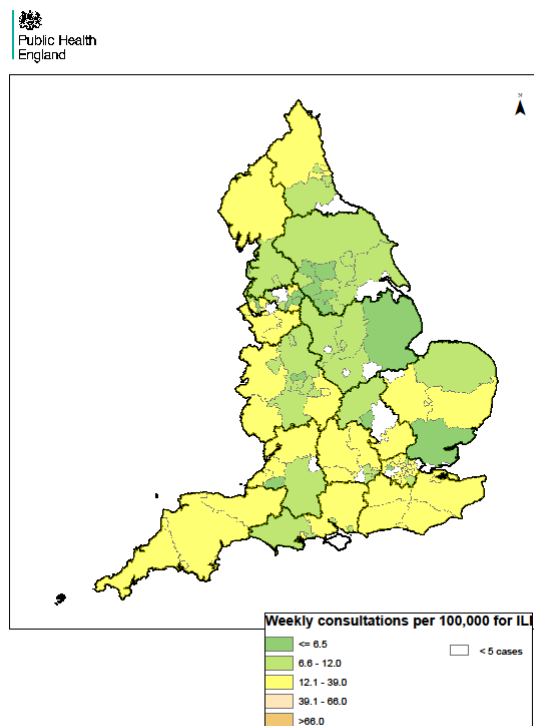
## England

Weekly ILI  
consultation  
rate by LA  
for England

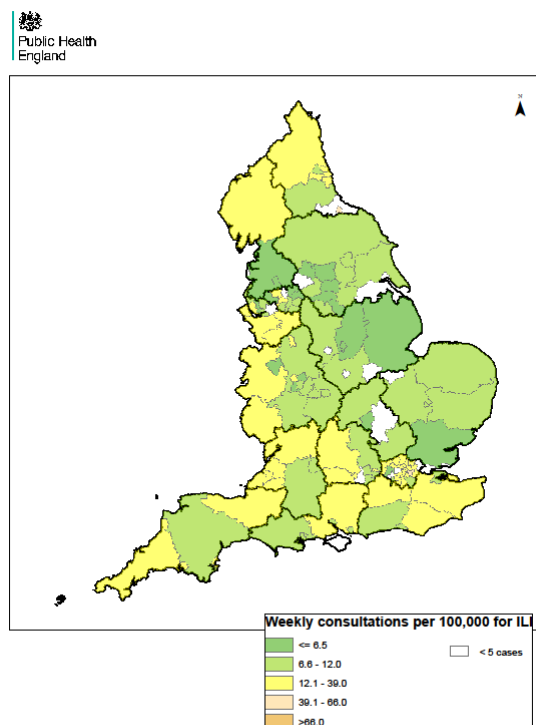
### Week 8



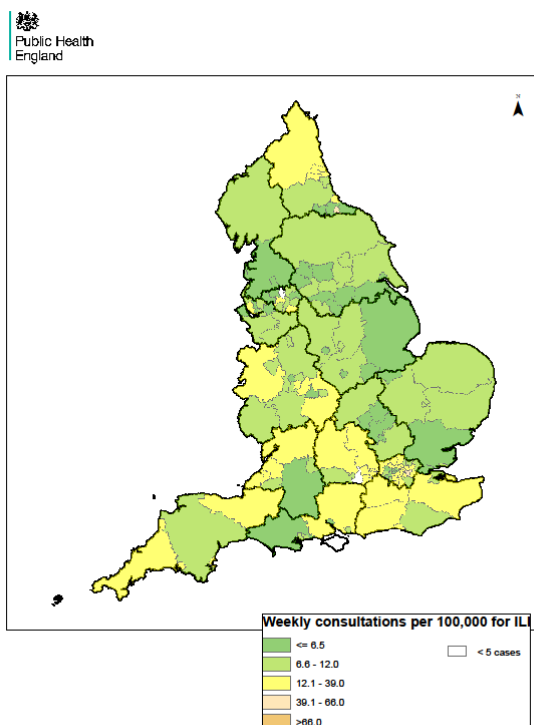
### Week 9



### Week 10



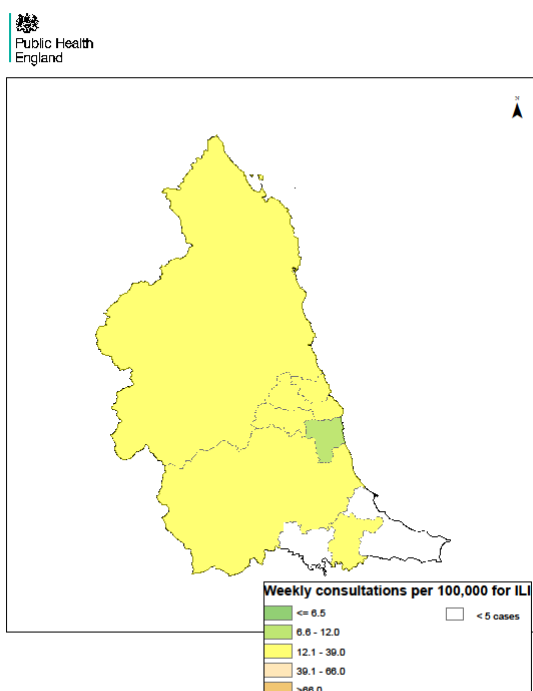
### Week 11



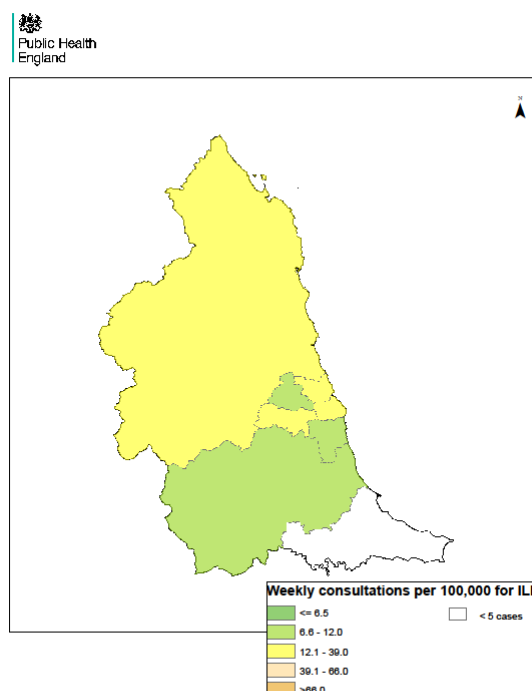
## North East

Weekly ILI  
consultation  
rate by LA  
for North  
East PHE  
Centre

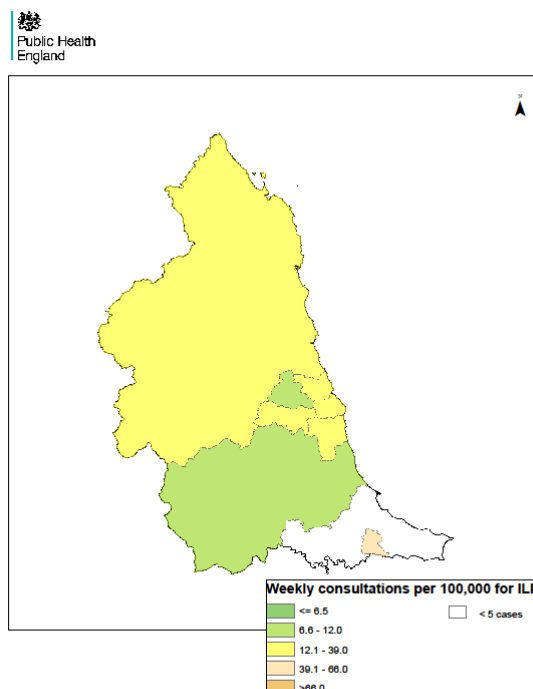
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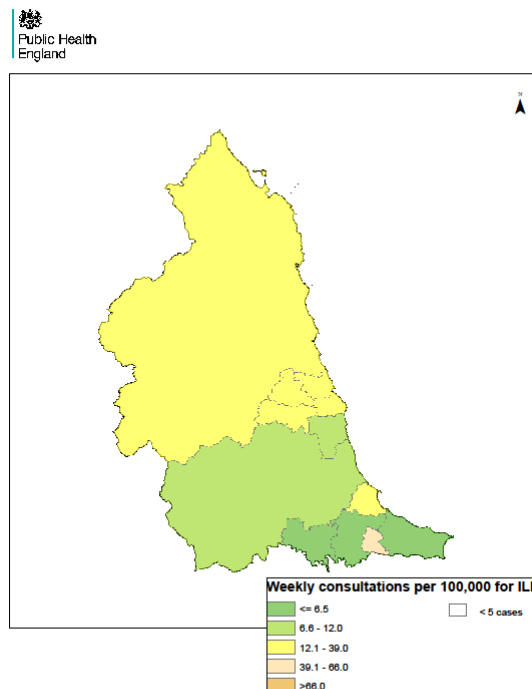
### Week 9



### Week 10



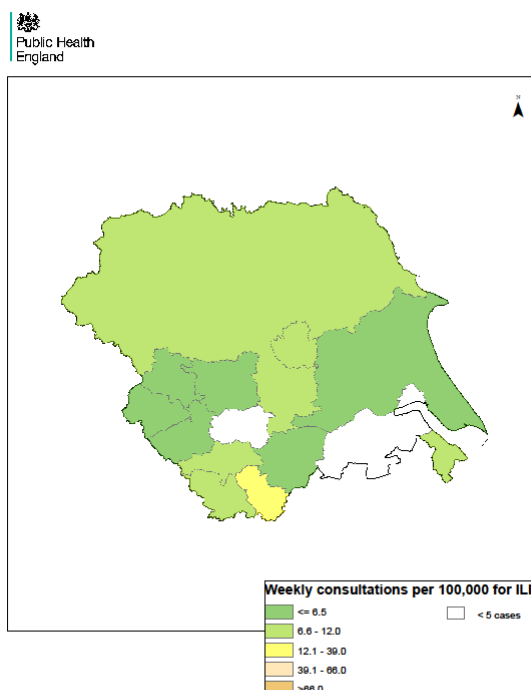
### Week 11



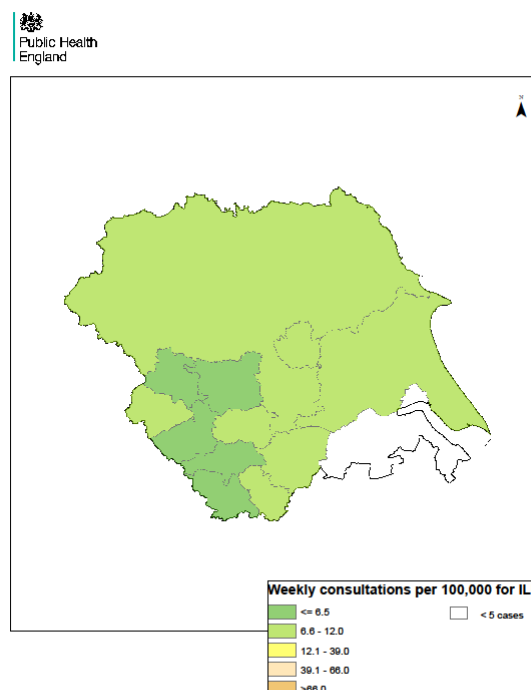
## Yorkshire & Humber

Weekly ILI consultation rate by LA for Yorkshire & Humber PHE Centre

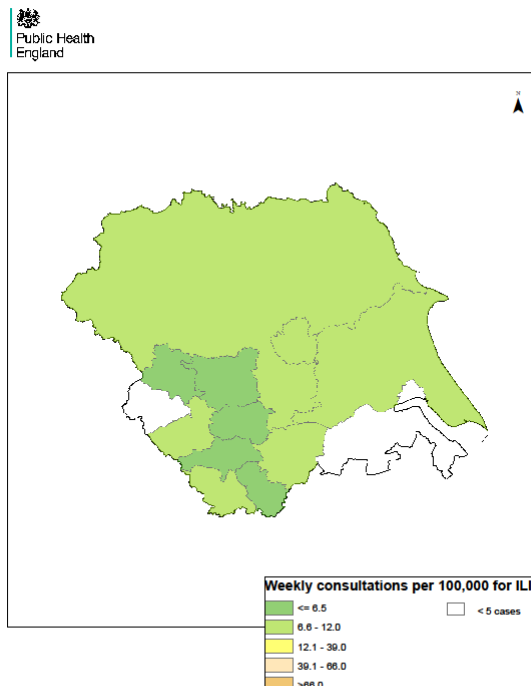
### Week 8



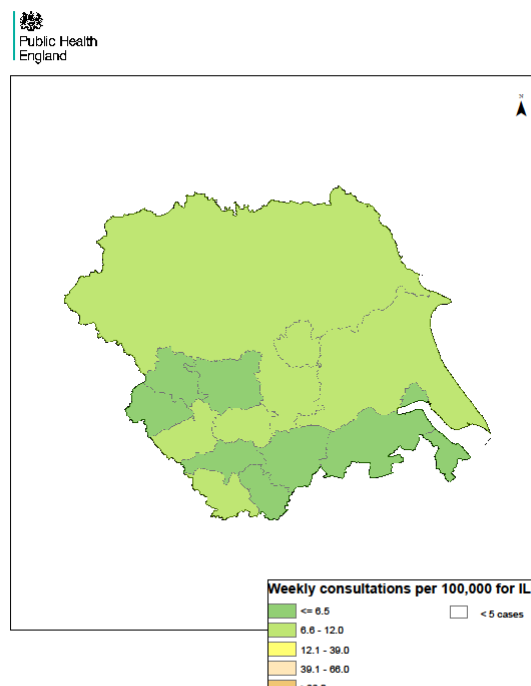
### Week 9



### Week 10



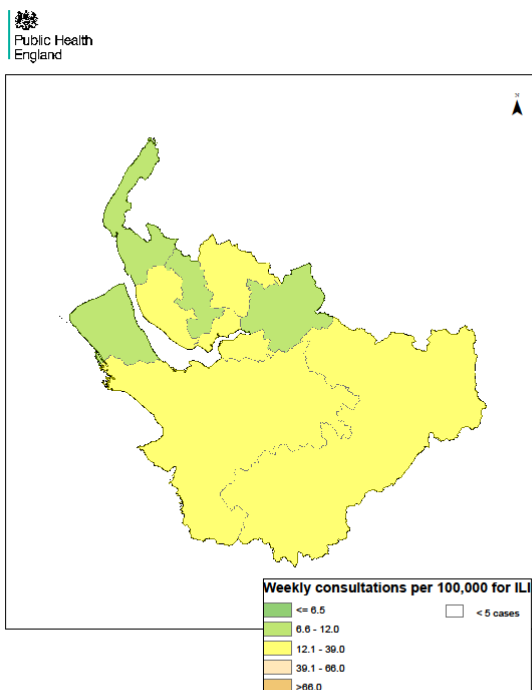
### Week 11



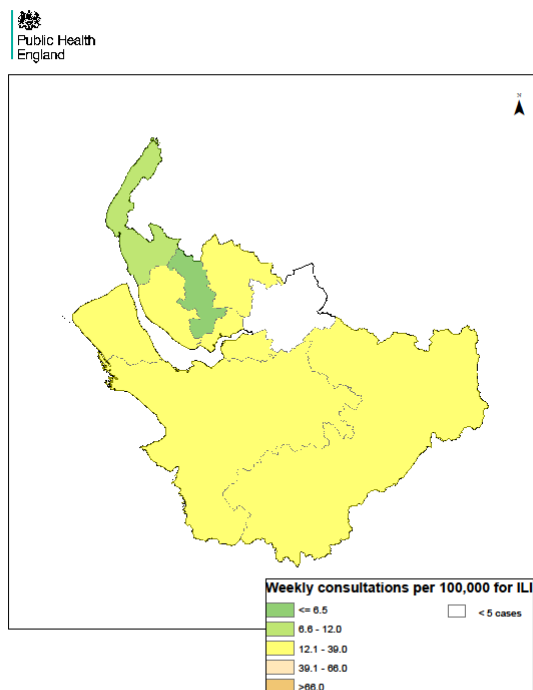
## Cheshire & Merseyside

Weekly ILI consultation rate by LA for Cheshire & Merseyside PHE Centre

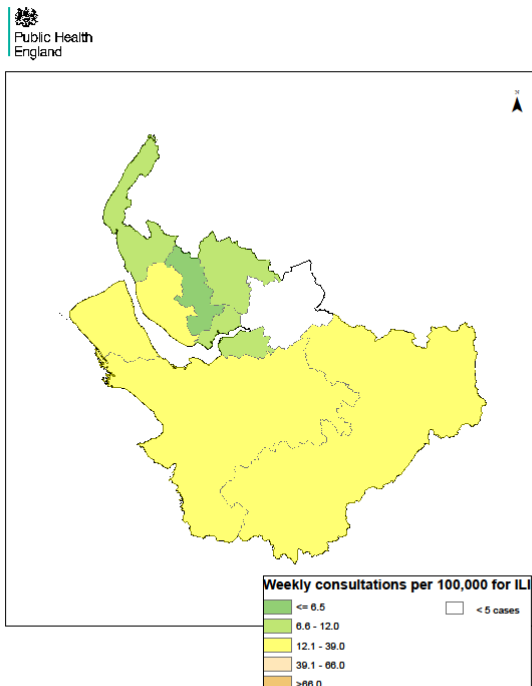
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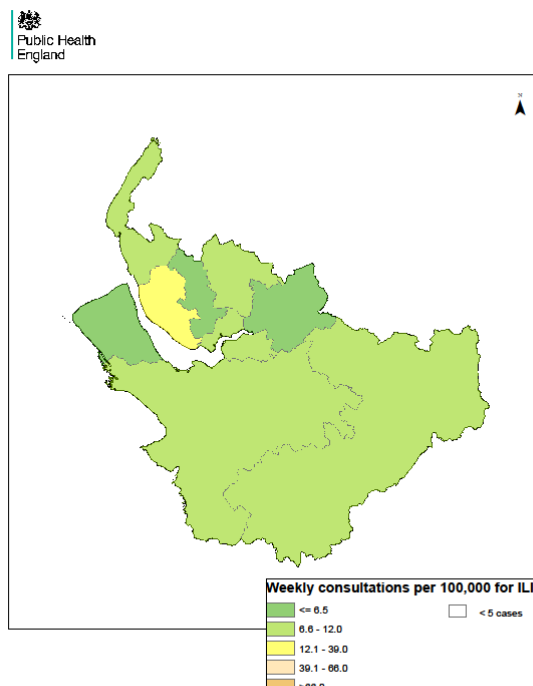
### Week 9



### Week 10



### Week 11

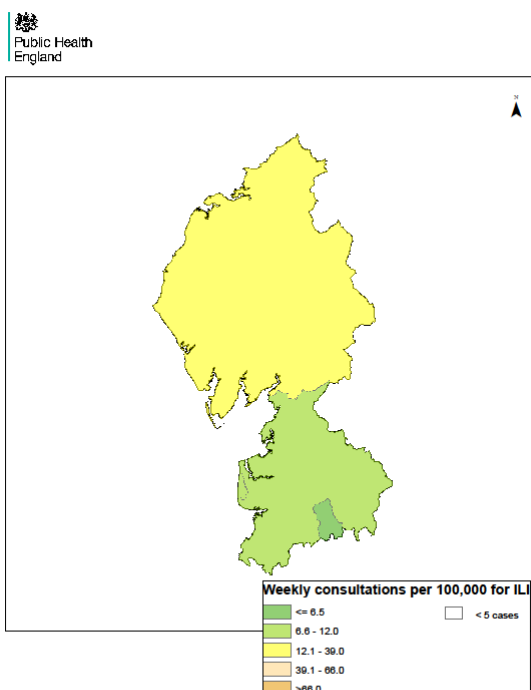




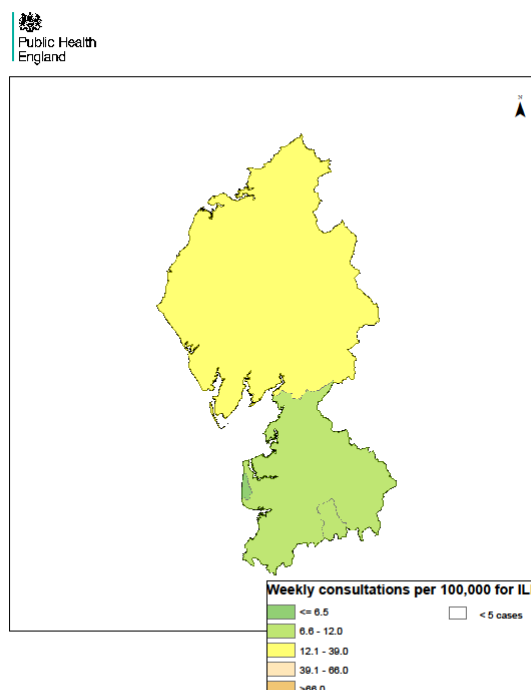
## Cumbria & Lancashire

Weekly ILI consultation rate by LA for Cumbria & Lancashire PHE Centre

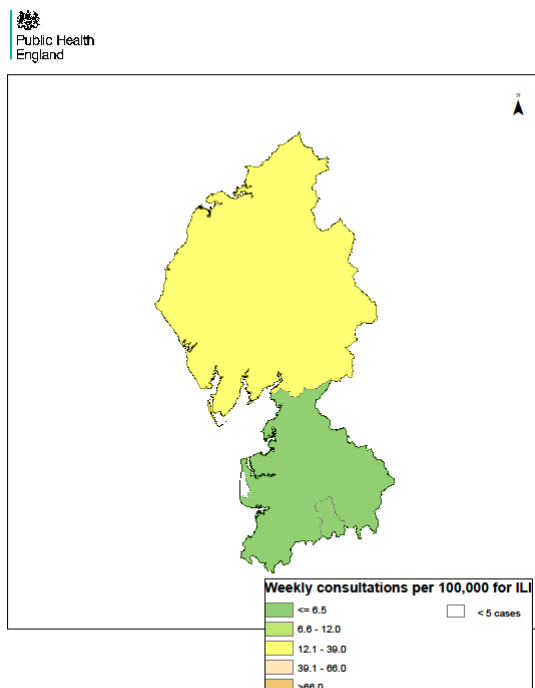
**Week 8**



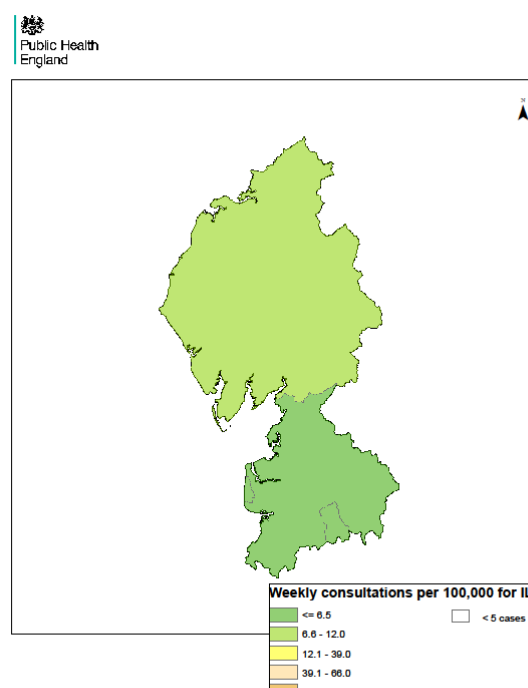
**Week 9**



**Week 10**



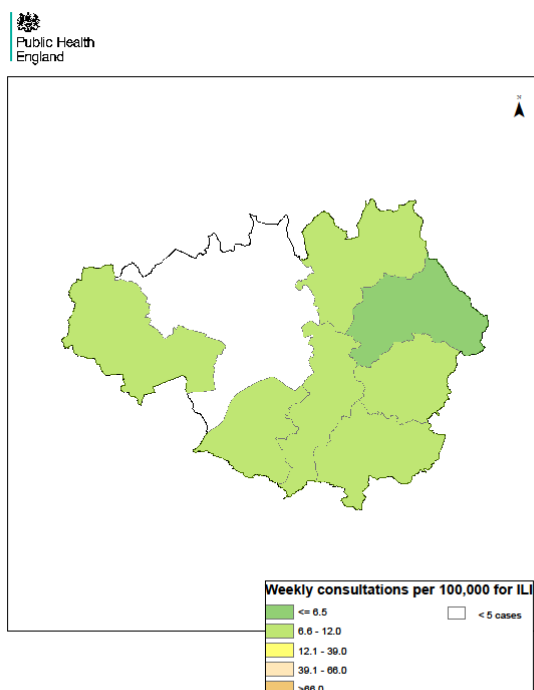
**Week 11**



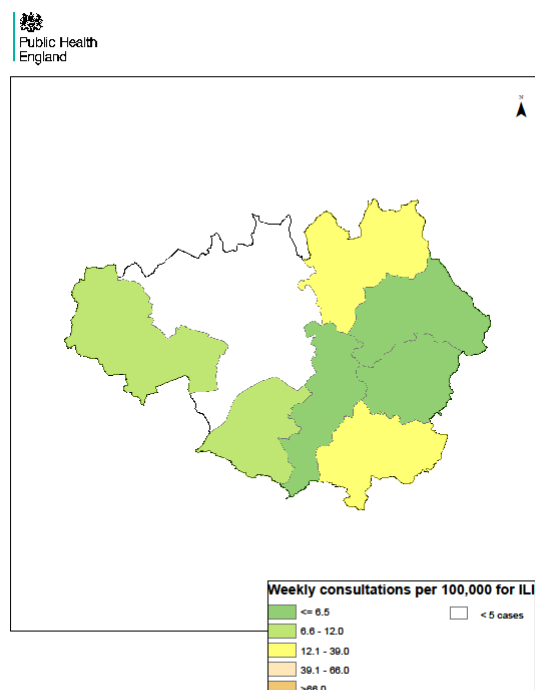
## Greater Manchester

Weekly ILI consultation rate by LA for Greater Manchester PHE Centre

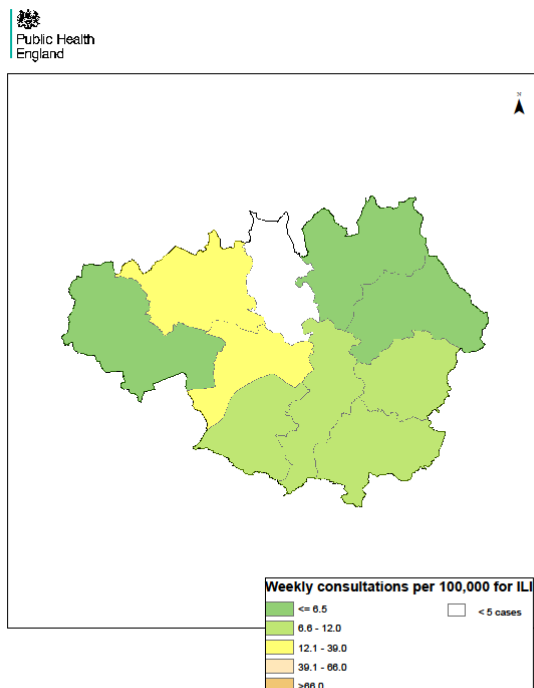
### Week 8



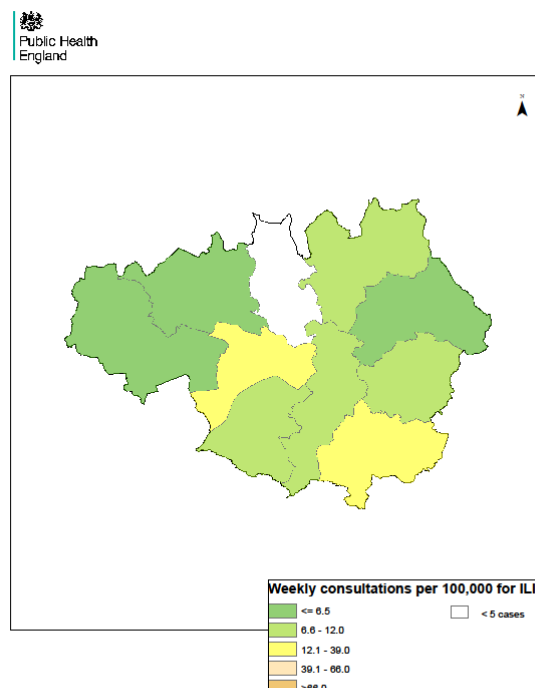
### Week 9



### Week 10



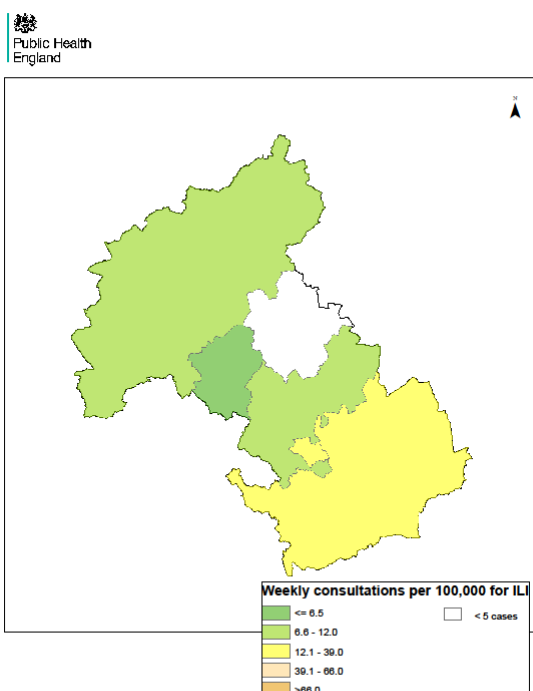
### Week 11



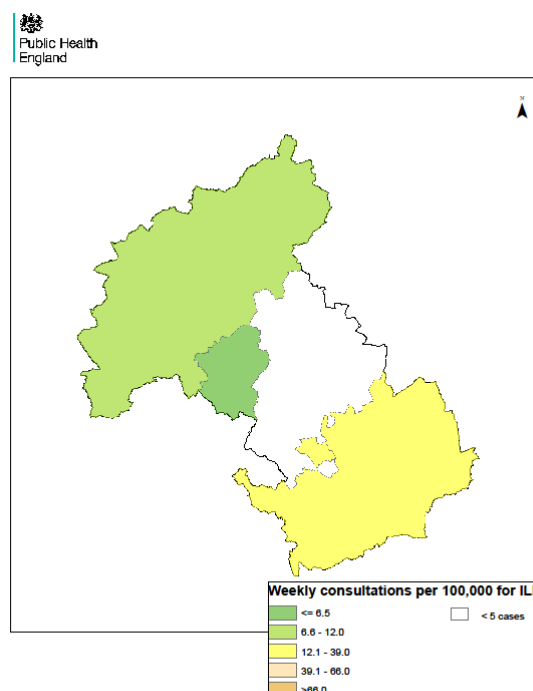
**South  
Midlands &  
Hertfordshire**

Weekly ILI  
consultation  
rate by LA  
for South  
Midlands &  
Hertfordshire  
PHE Centre

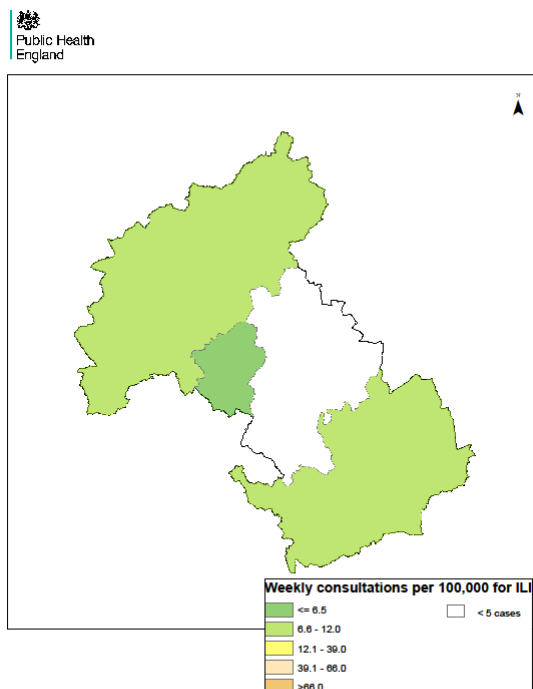
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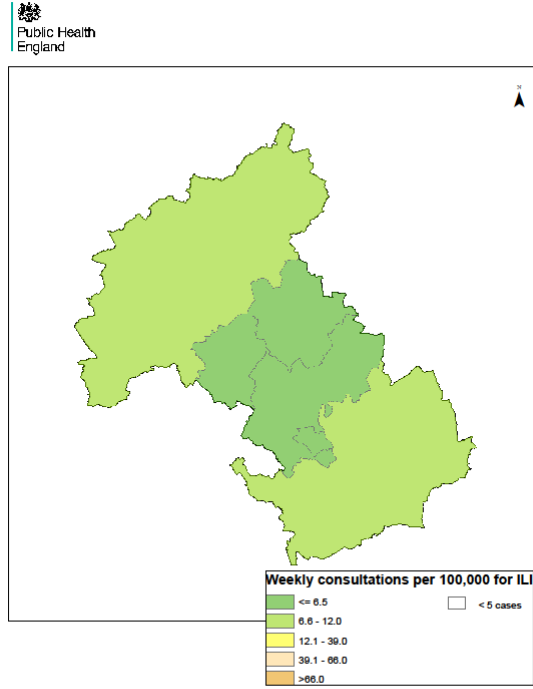
**Week 9**



**Week 10**



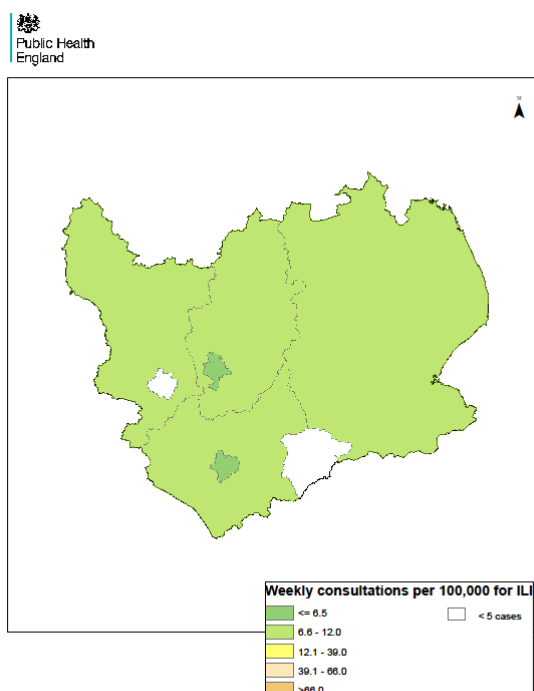
**Week 11**



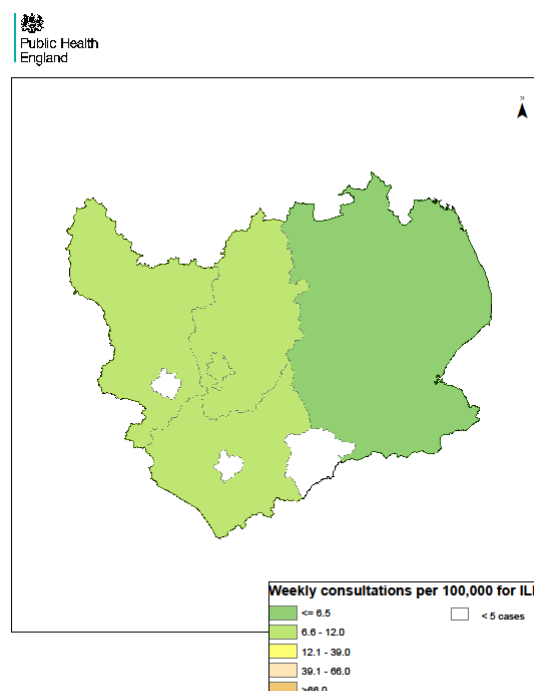
**East  
Midlands**

Weekly ILI  
consultation  
rate by LA  
for East  
Midlands  
PHE Centre

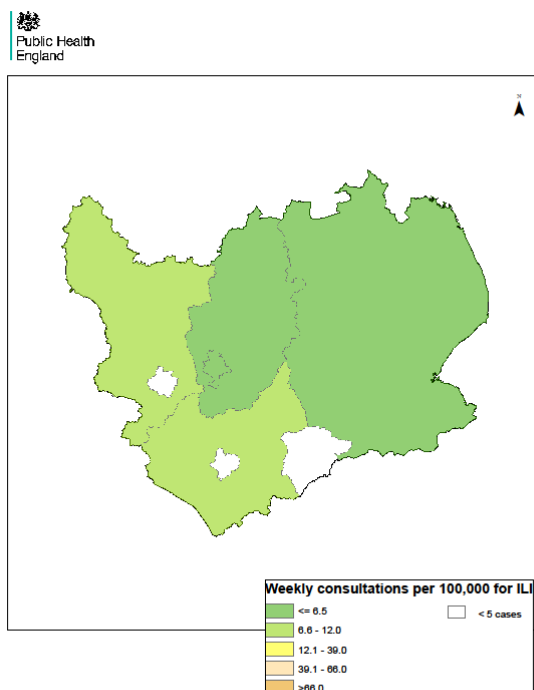
**Week 8**



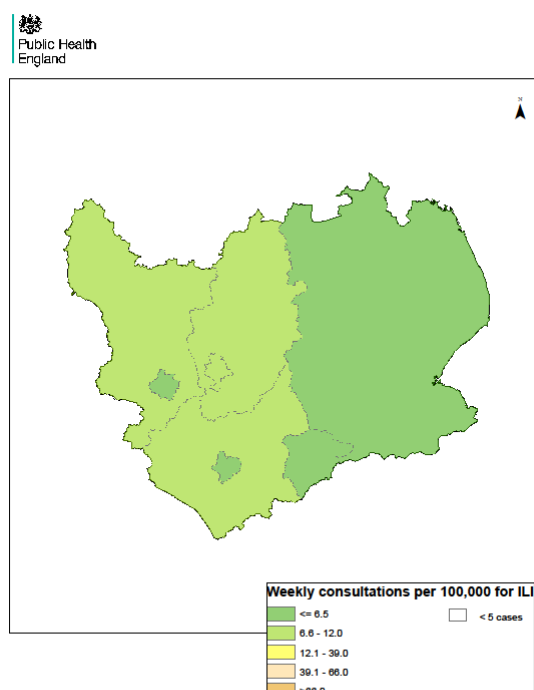
**Week 9**



**Week 10**



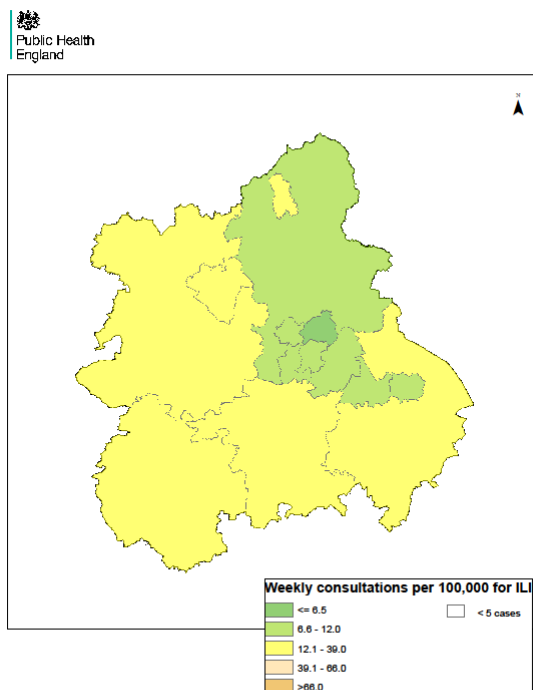
**Week 11**



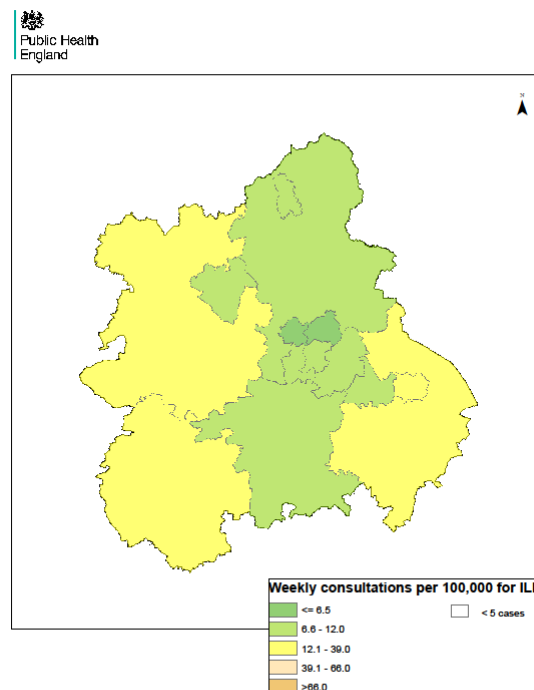
**West Midlands**

Weekly ILI consultation rate by LA for West Midlands PHE Centre

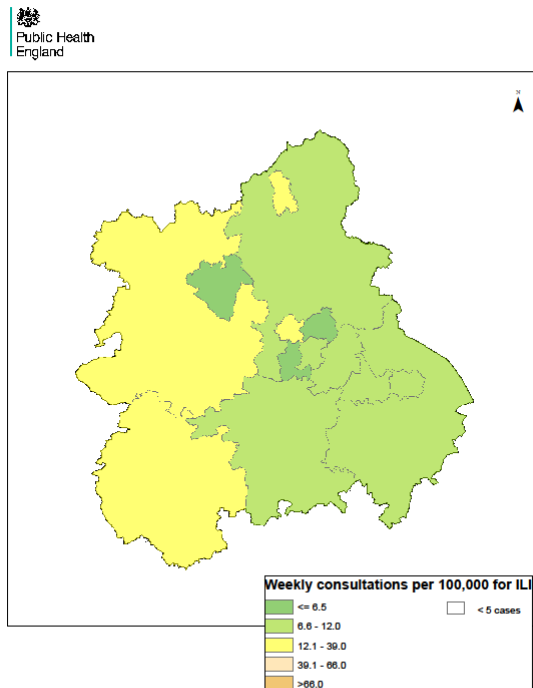
**Week 8**



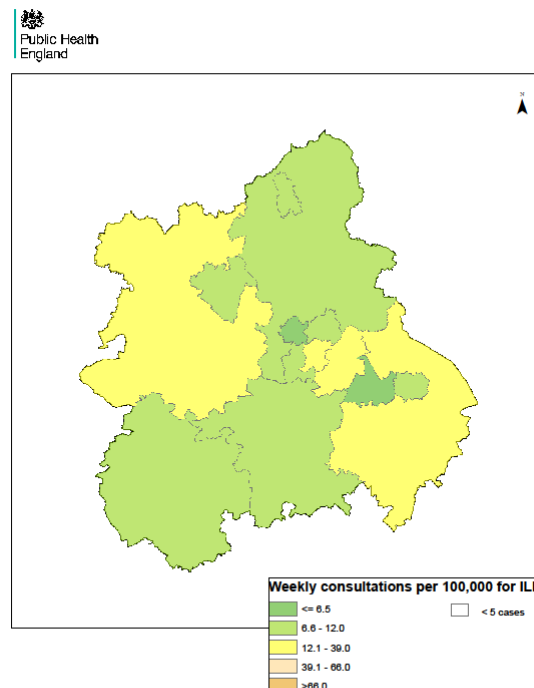
**Week 9**



**Week 10**



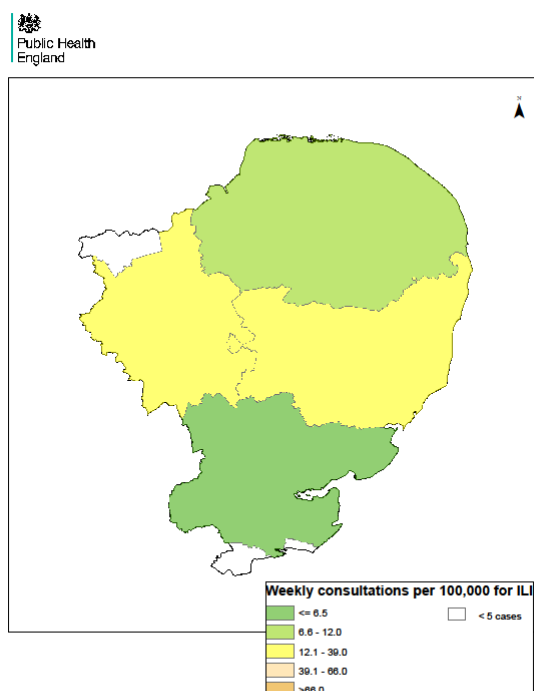
**Week 11**



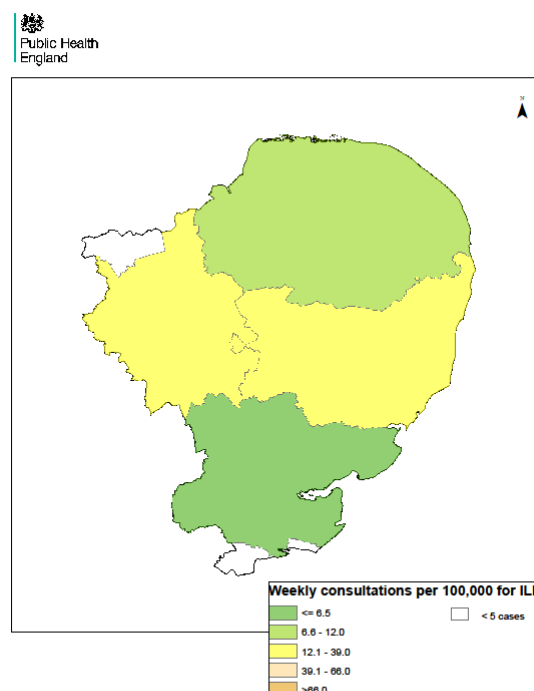
## Anglia & Essex

Weekly ILI consultation rate by LA for Anglia & Essex PHE Centre

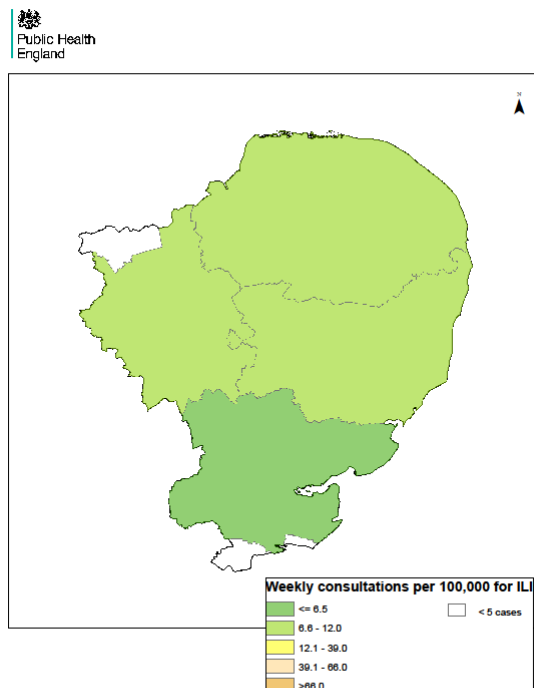
### Week 8



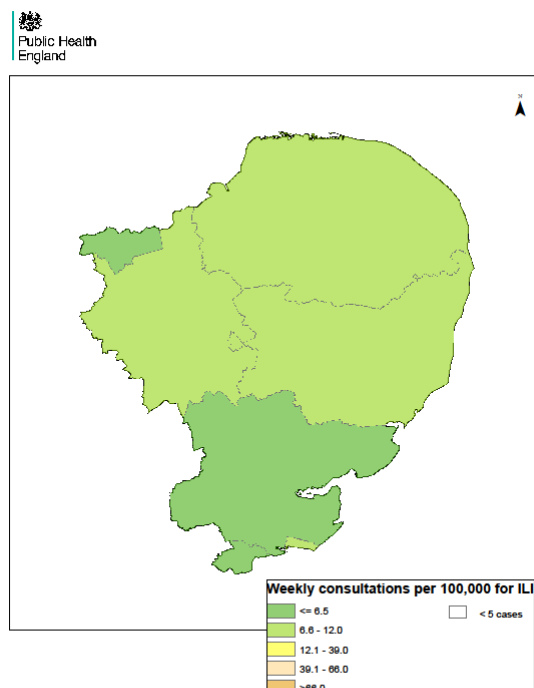
### Week 9



### Week 10



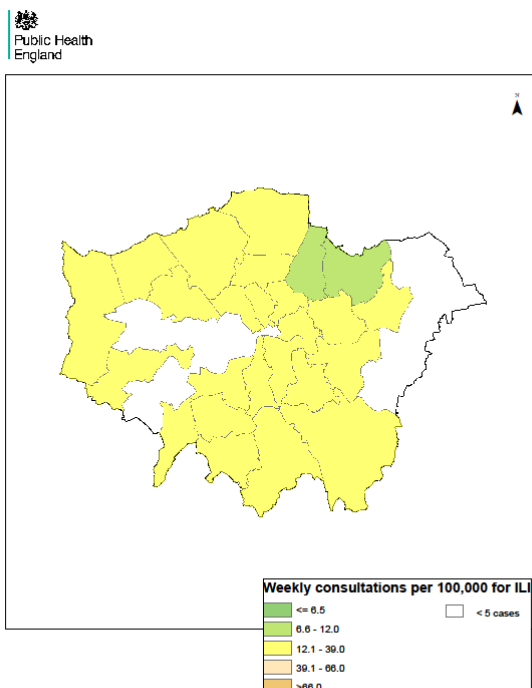
### Week 11



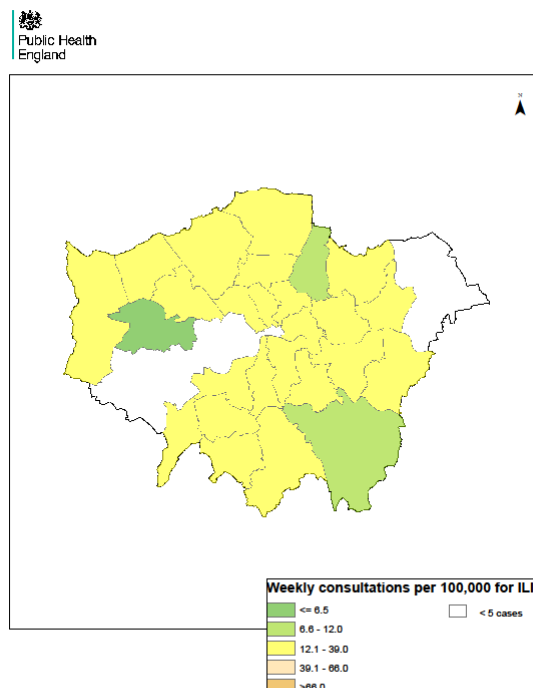
## London

Weekly ILI  
consultation  
rate by LA  
for London  
PHE Centre

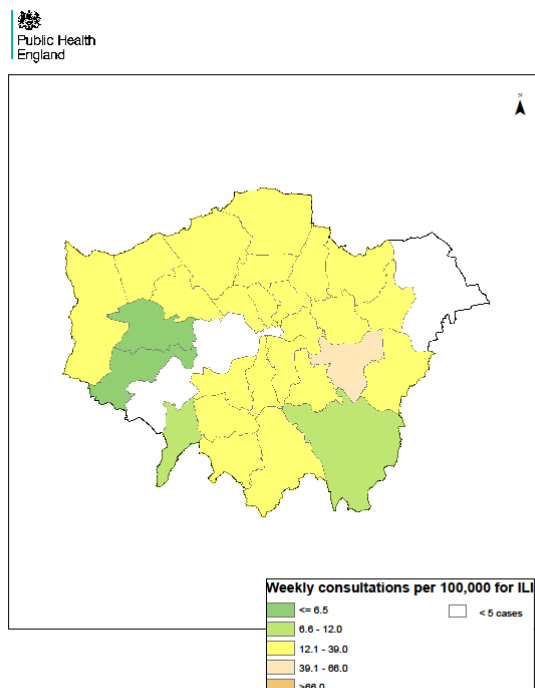
### Week 8



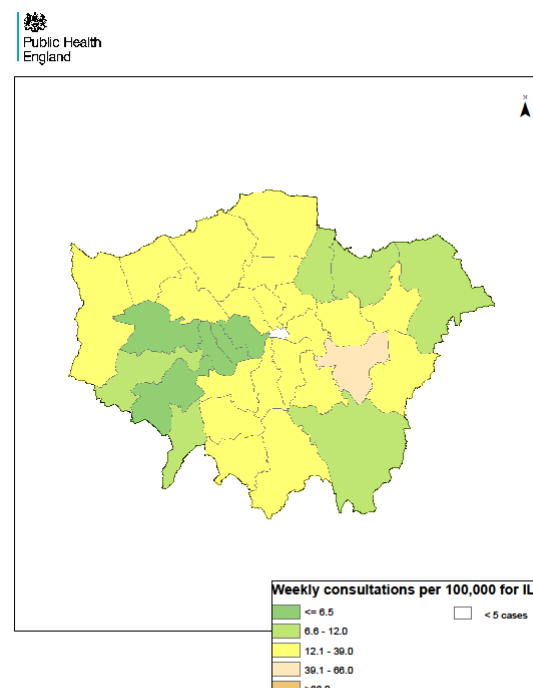
### Week 9



### Week 10



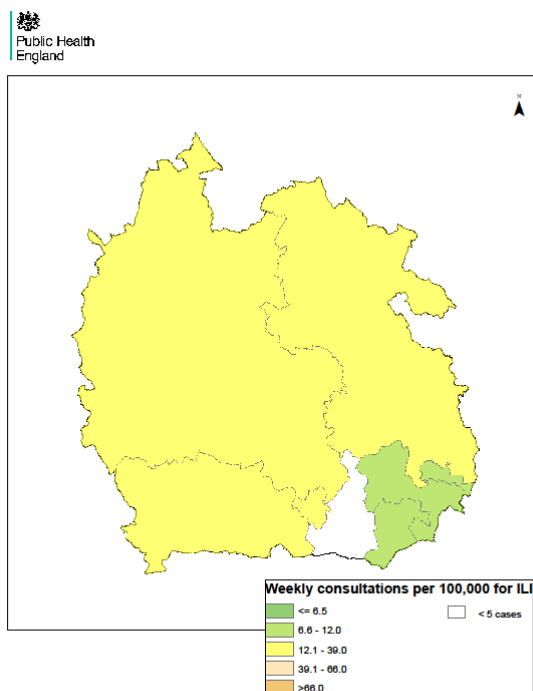
### Week 11



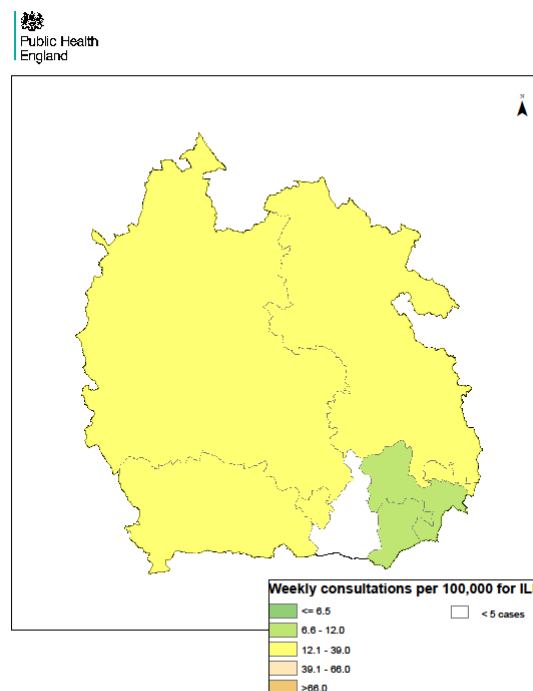
## Thames Valley

Weekly ILI  
consultation  
rate by LA  
for Thames  
Valley PHE  
Centre

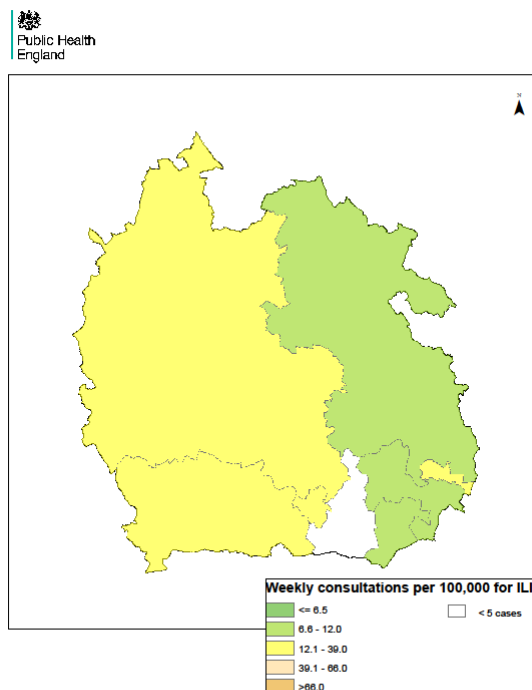
### Week 8



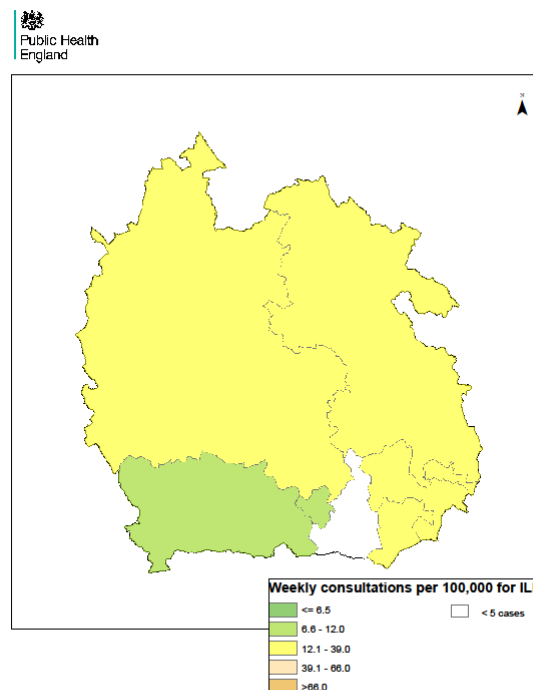
### Week 9



### Week 10



### Week 11

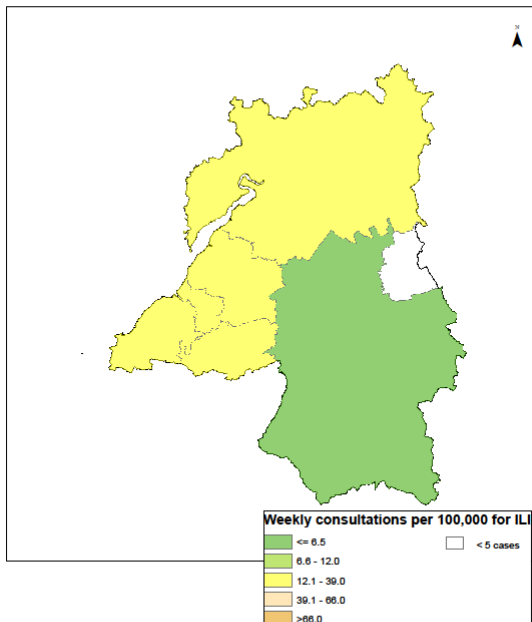




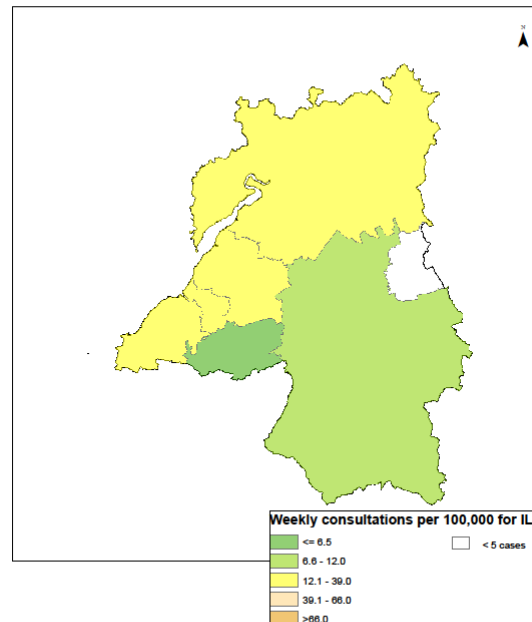
## Avon, Gloucestershire & Wiltshire

Weekly ILI  
consultation  
rate by LA  
for Avon,  
Gloucestershire  
& Wiltshire  
PHE Centre

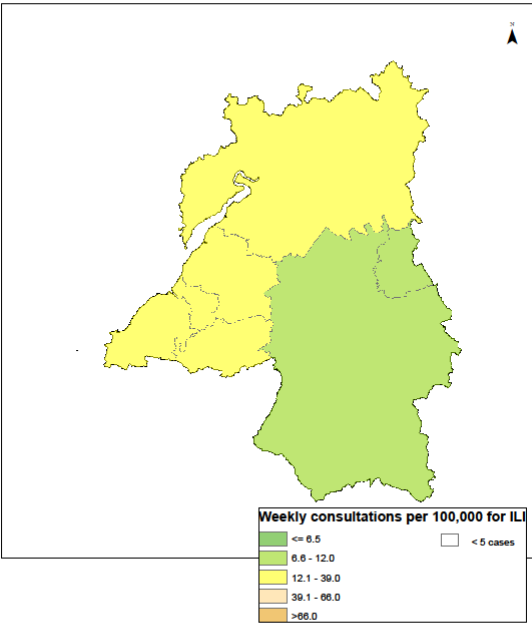
### Week 8



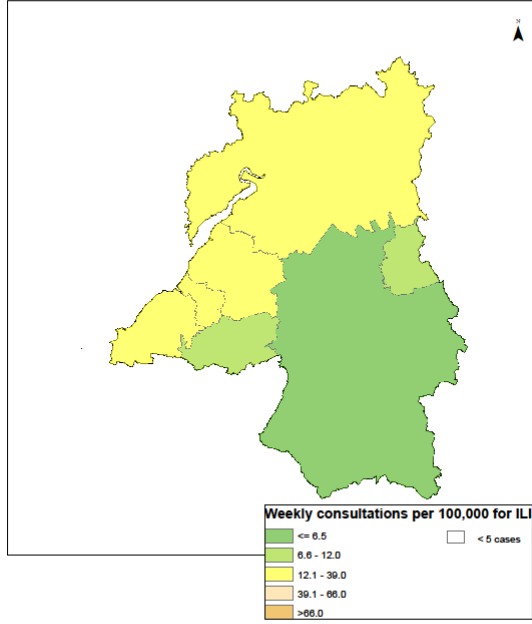
### Week 9



### Week 10



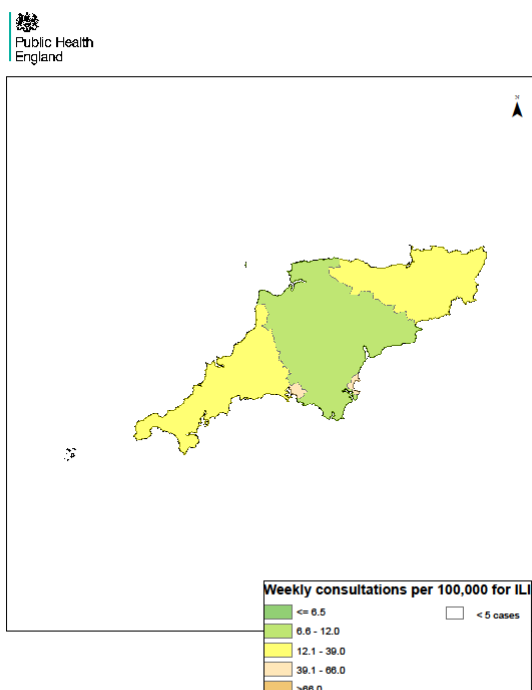
### Week 11



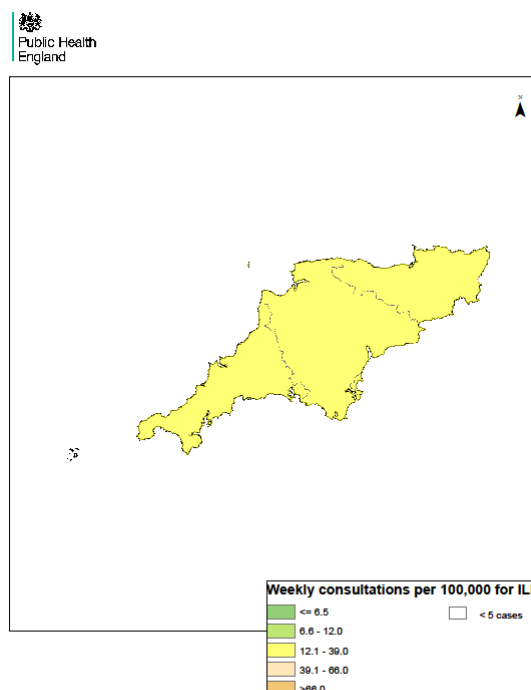
## Devon, Cornwall & Somerset

Weekly ILI  
consultation  
rate by LA  
for Devon,  
Cornwall &  
Somerset  
PHE Centre

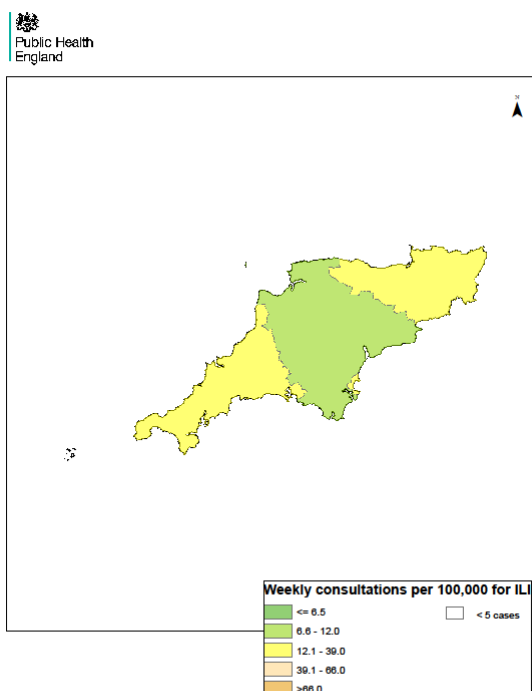
### Week 8



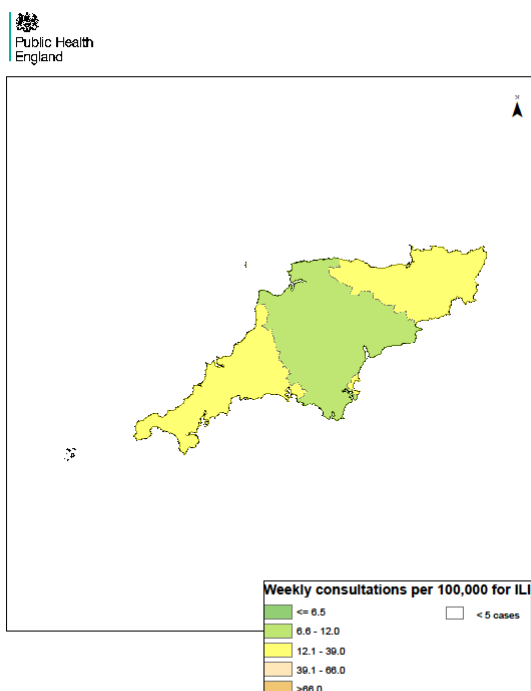
### Week 9



### Week 10



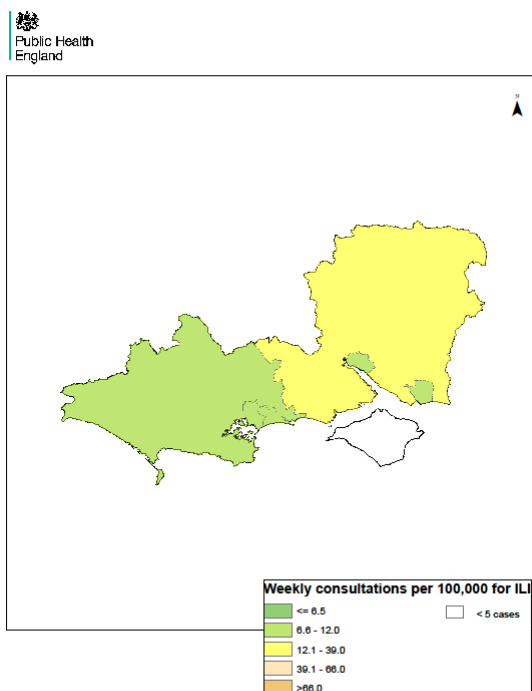
### Week 11



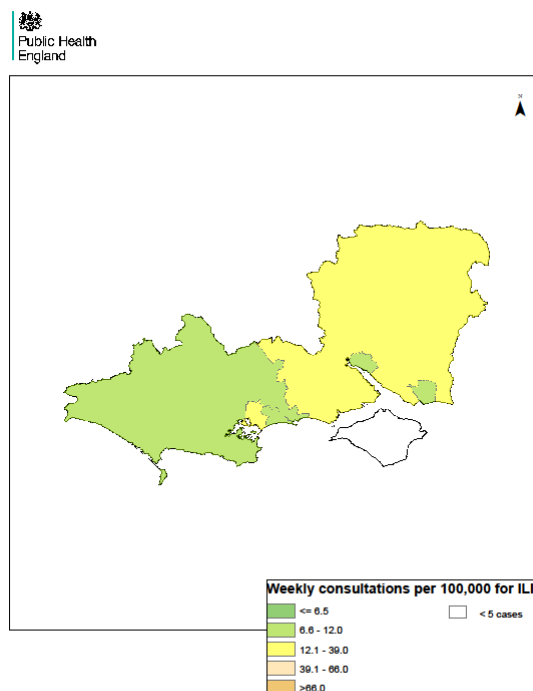
## Wessex

Weekly ILI  
consultation  
rate by LA  
for Wessex  
PHE Centre

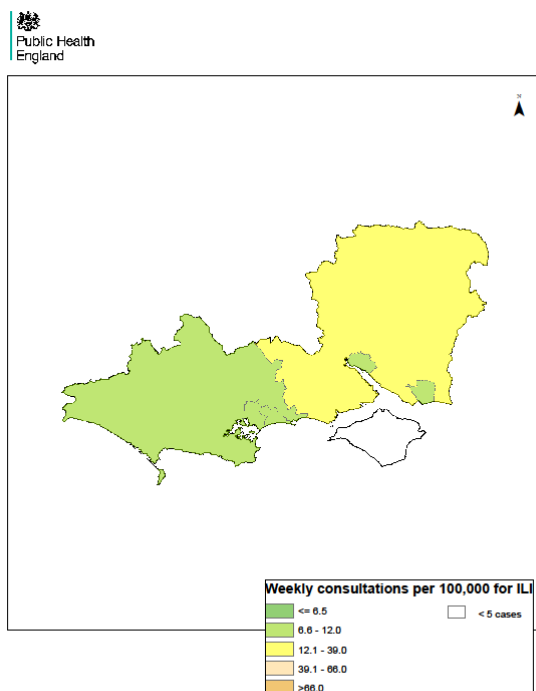
### Week 8



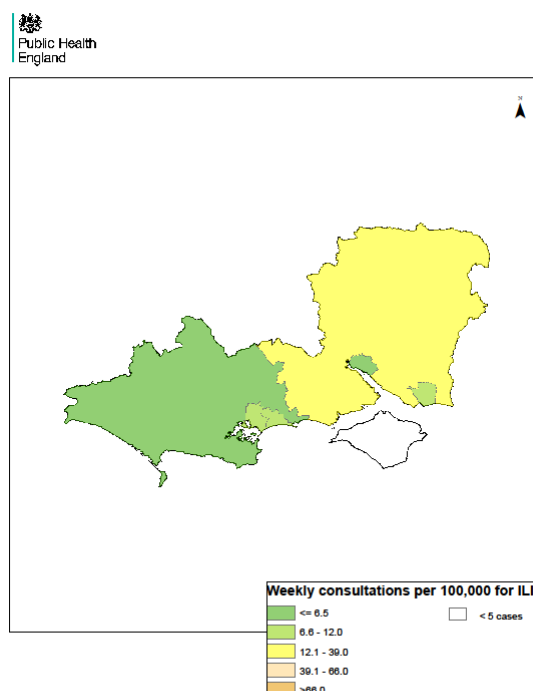
### Week 9



### Week 10



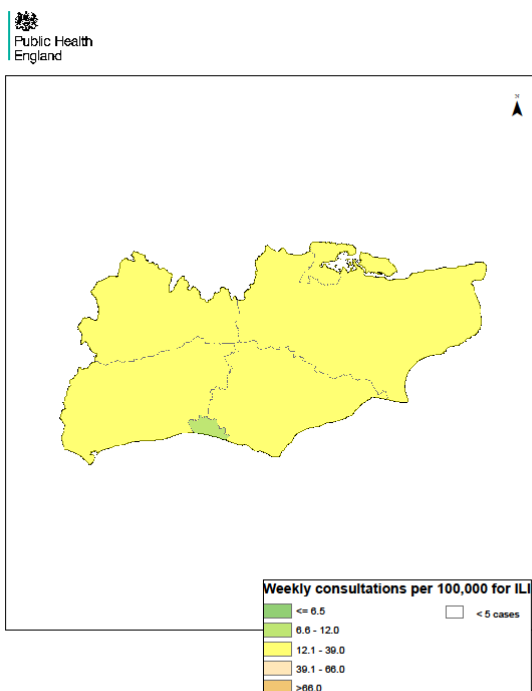
### Week 11



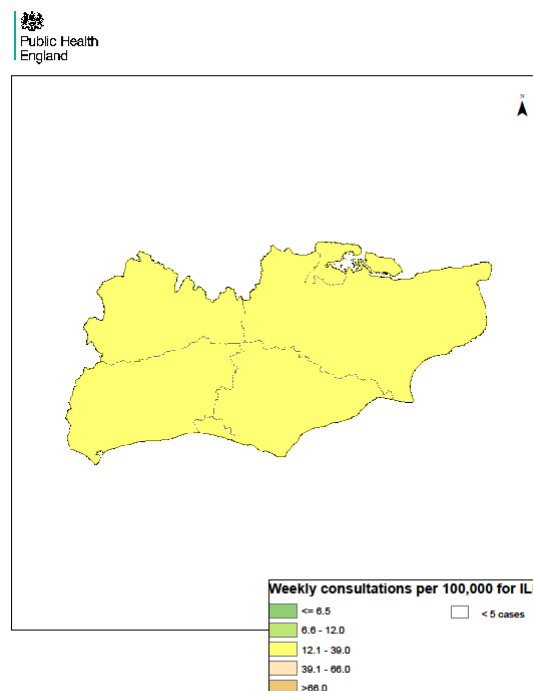
## Kent, Surrey & Sussex

Weekly ILI consultation rate by LA for Kent, Surrey & Sussex PHE Centre

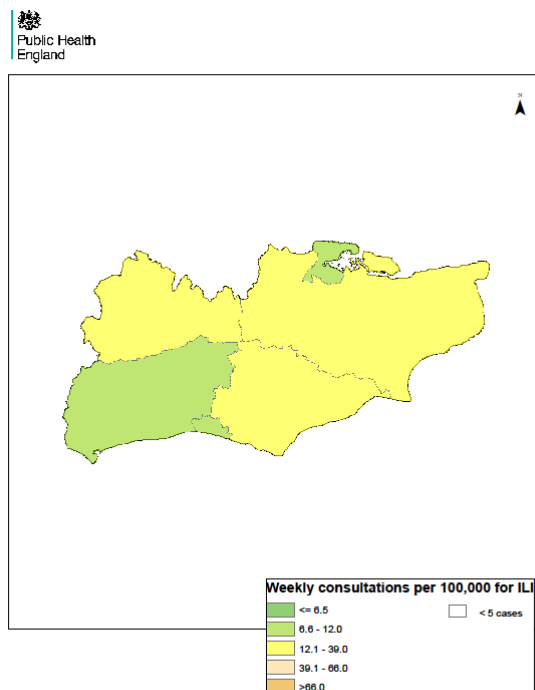
### Week 8



### Week 9



### Week 10



### Week 11

