



19 May 2015

Year: 2015 Week: 20

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Key messages

Data to: 17 May 2015

GP consultations for diarrhoea and vomiting decreased in children aged under 5 years old (figures 8a & 9a).

There were small increases in GP consultations for allergic rhinitis (figure 12) and conjunctivitis (figure 13) during week 20.

Please note: week 20 signifies the end of enhanced influenza surveillance reporting and as such this week will be the last published GP In Hours Appendix (influenza-like illness maps) until week 40 2015.

Diagnostic indicators at a glance:

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

GP practices and denominator population:

| Year | Week | GP Practices Reporting** | Population size** |
|------|------|--------------------------|-------------------|
| 2015 | 20 | 4401 | 32.5 million |

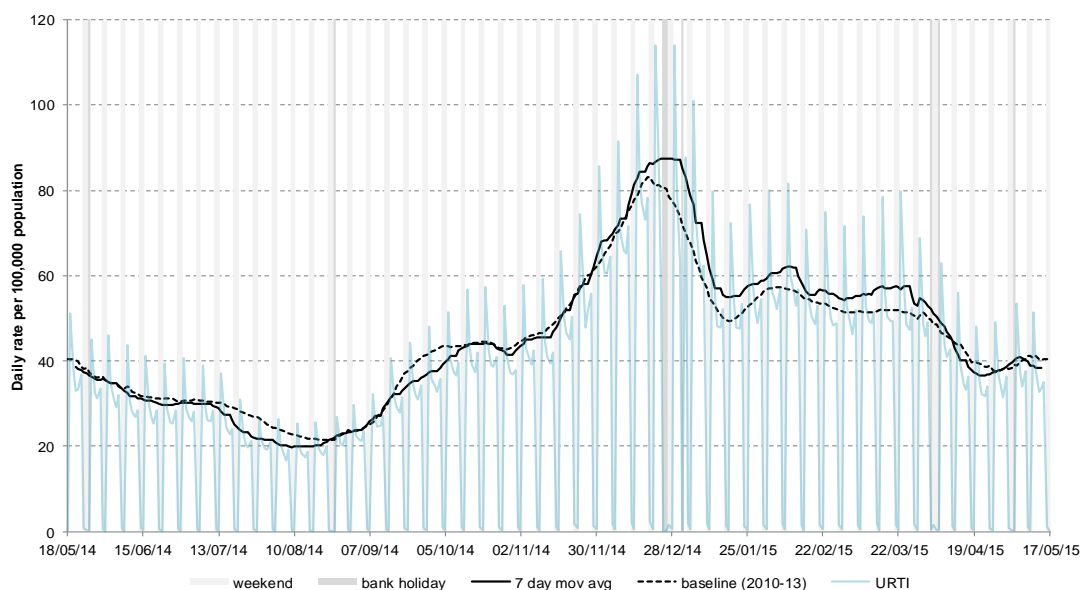
**based on the average number of practices and denominator population in the reporting working week.

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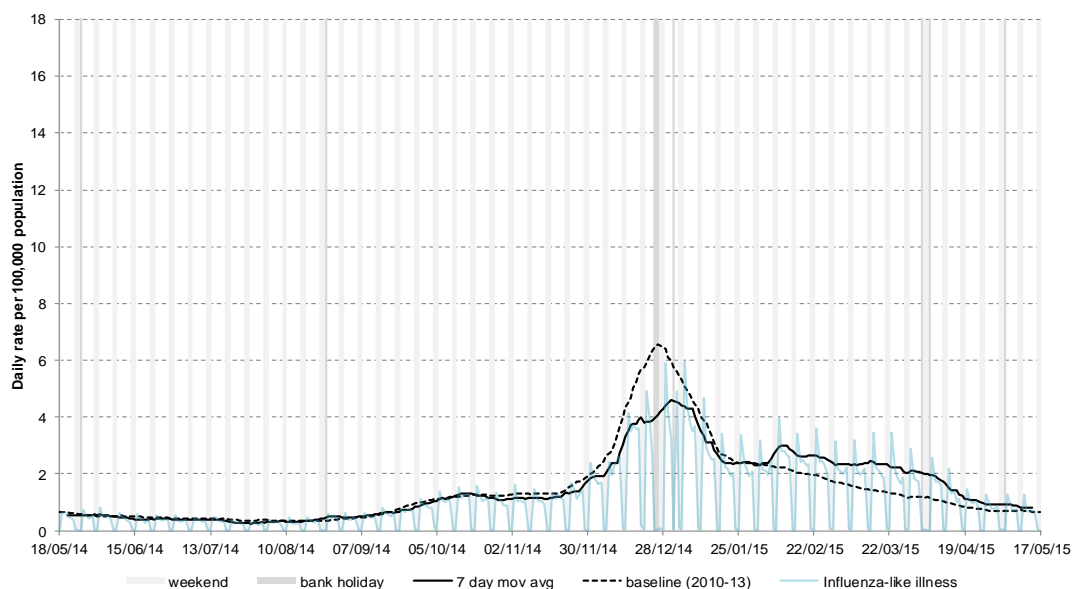
1: Upper respiratory tract infection (URTI)

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



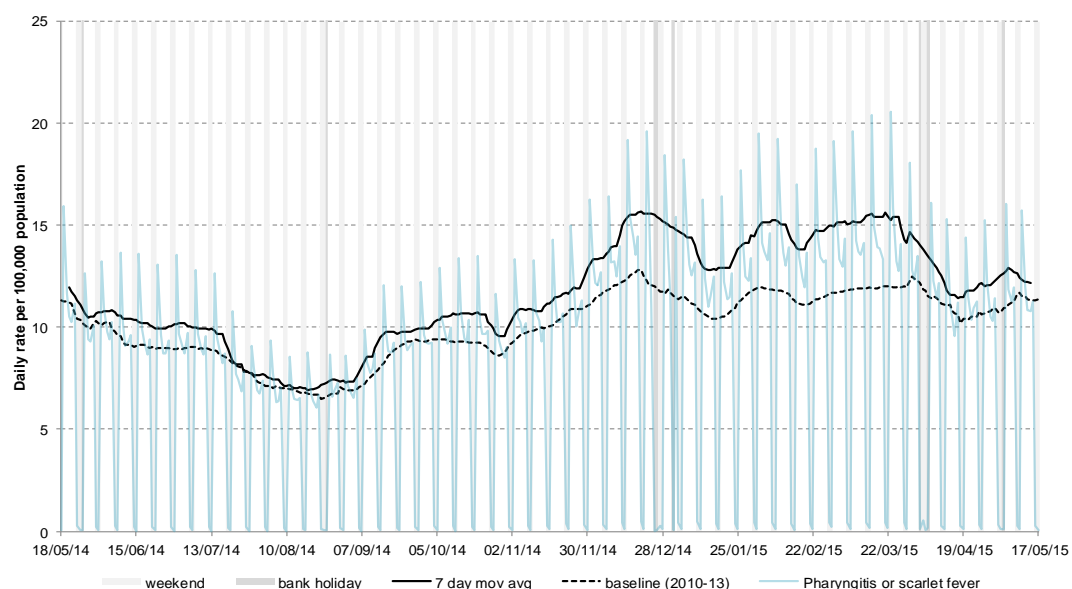
2: Influenza-like illness (ILI)

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



3: Pharyngitis or scarlet fever

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



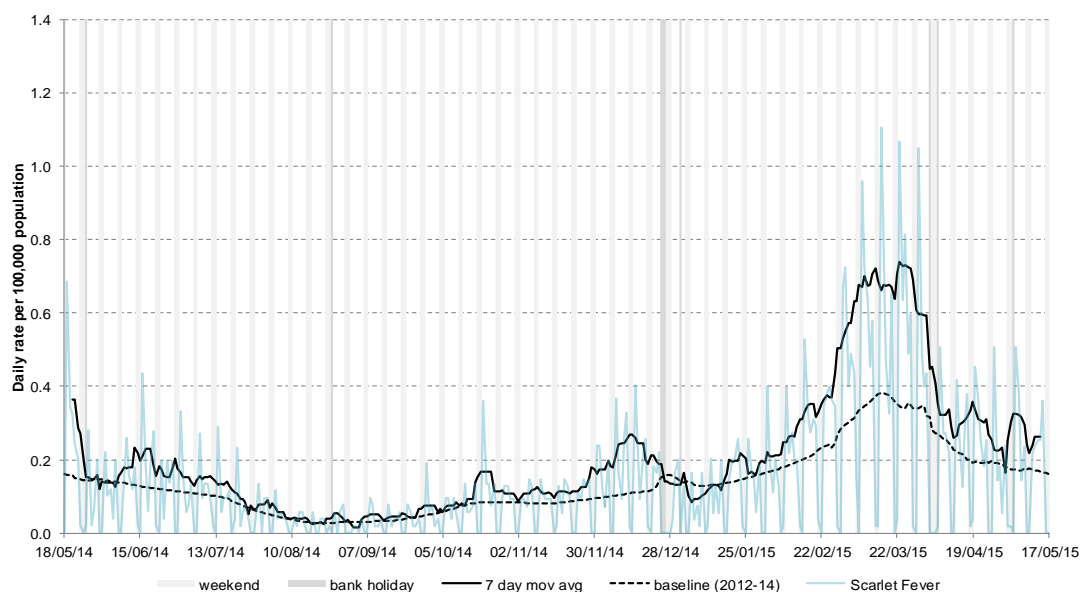
* 7-day moving average adjusted for bank holidays.

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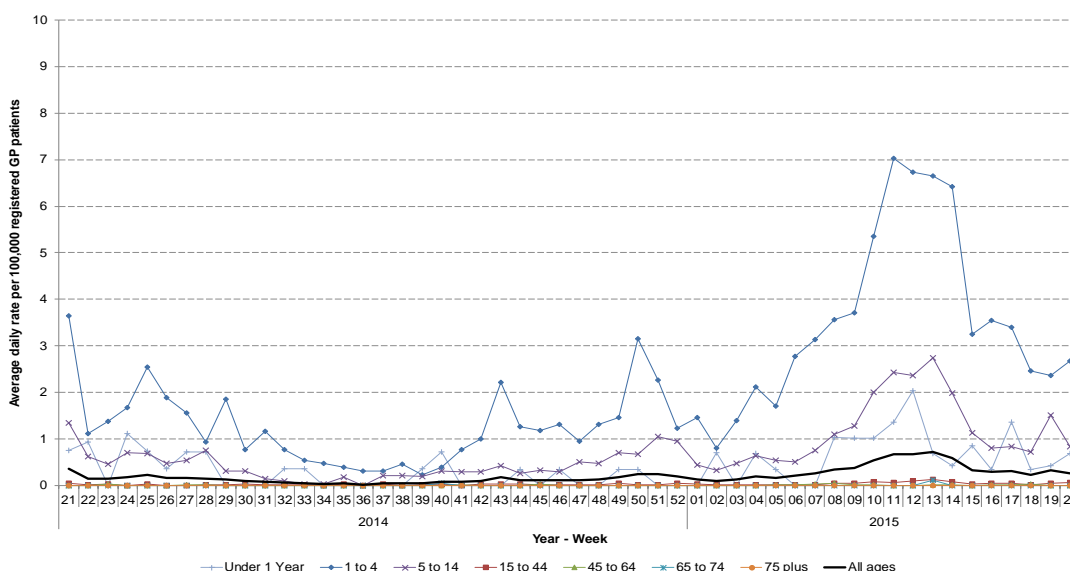
4: Scarlet fever

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



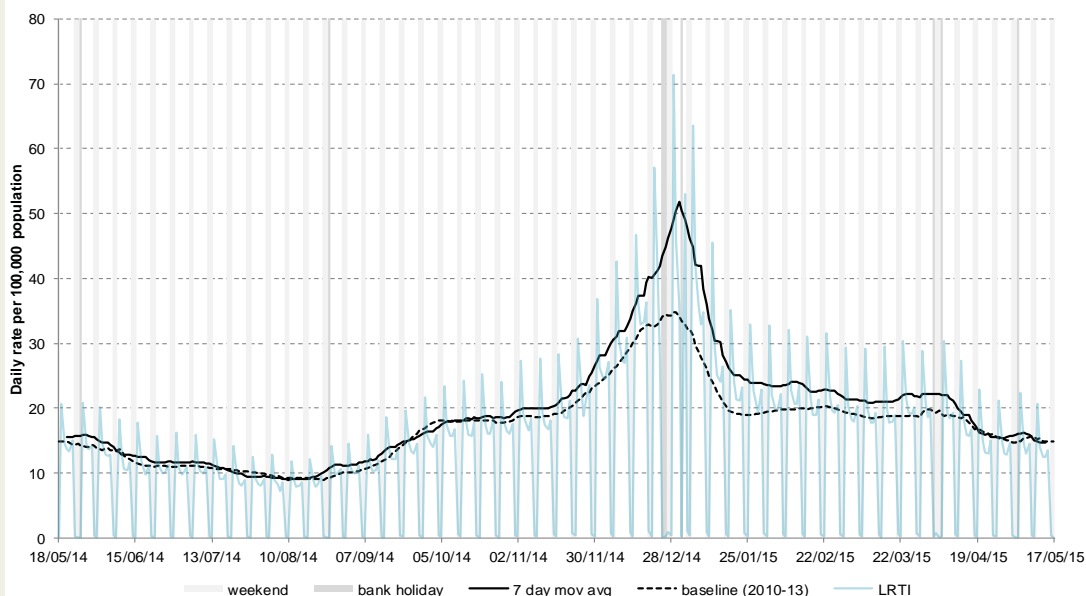
4a: Scarlet fever by age

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).



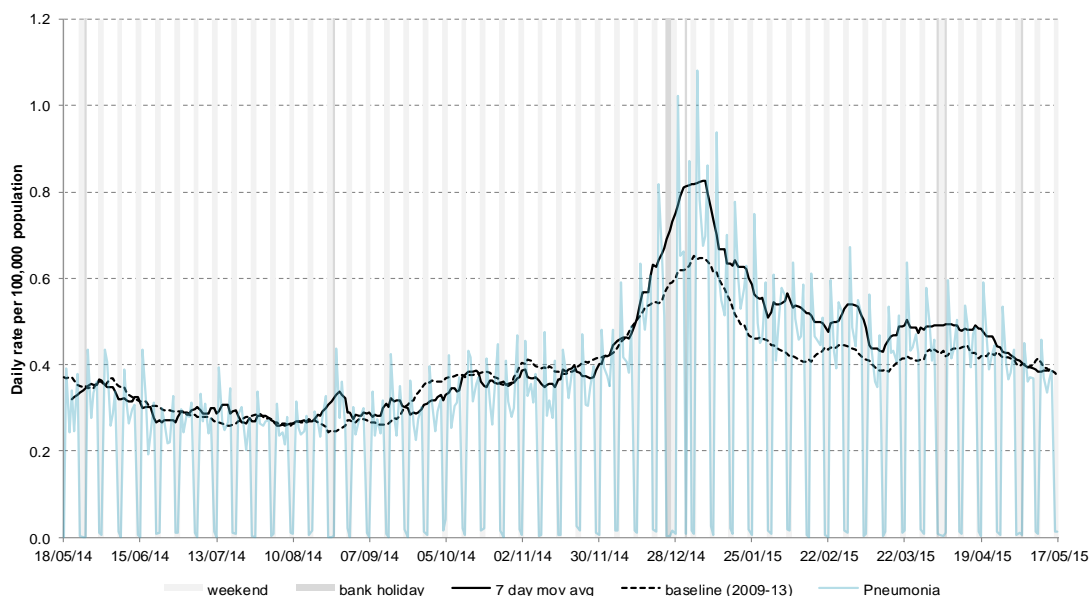
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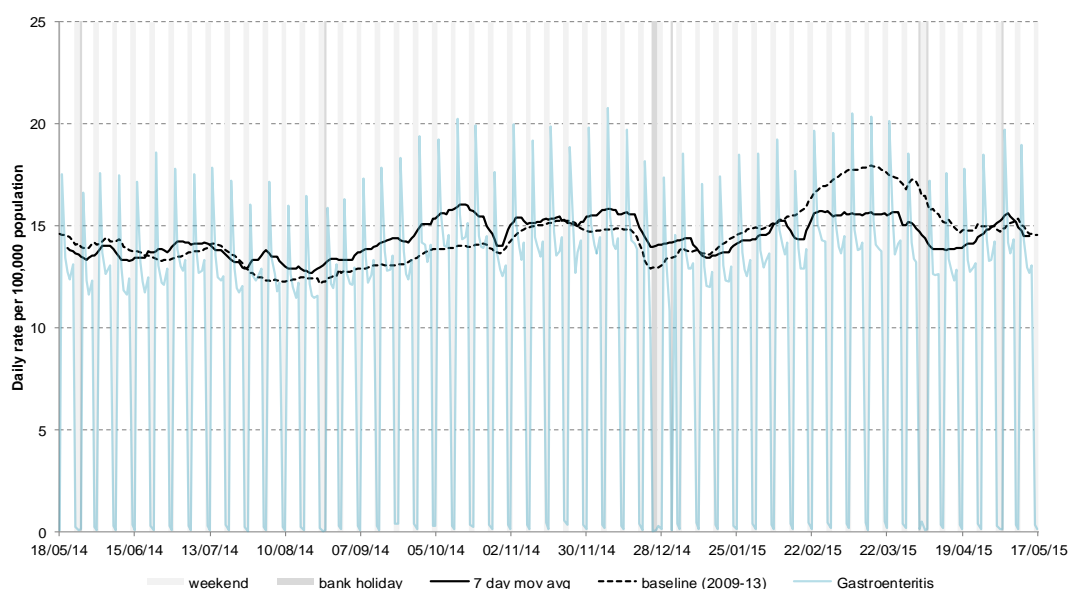
6: Pneumonia

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



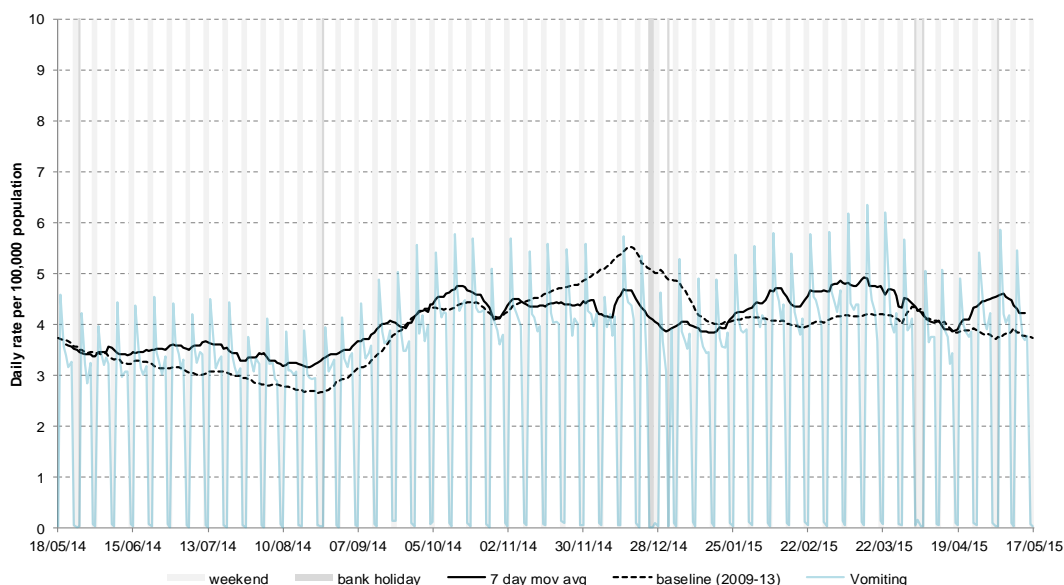
7: Gastroenteritis

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).



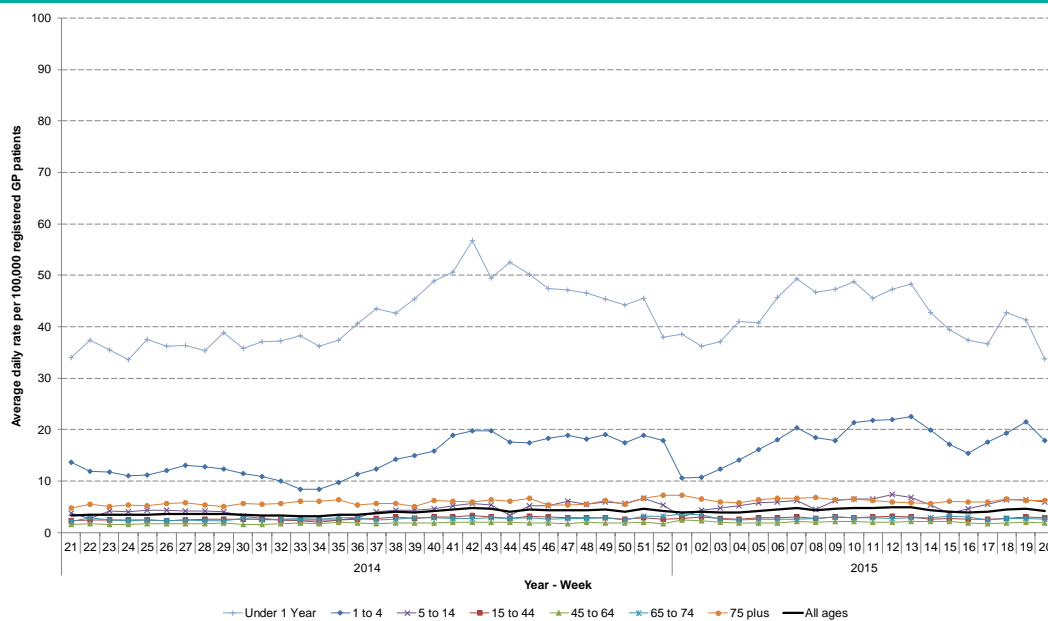
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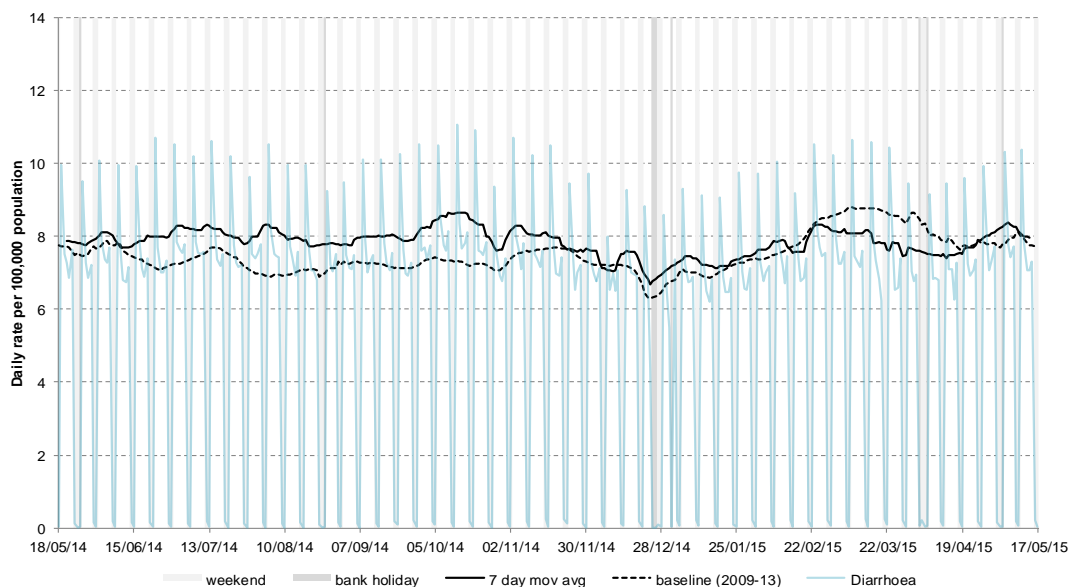
8a: Vomiting by age

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



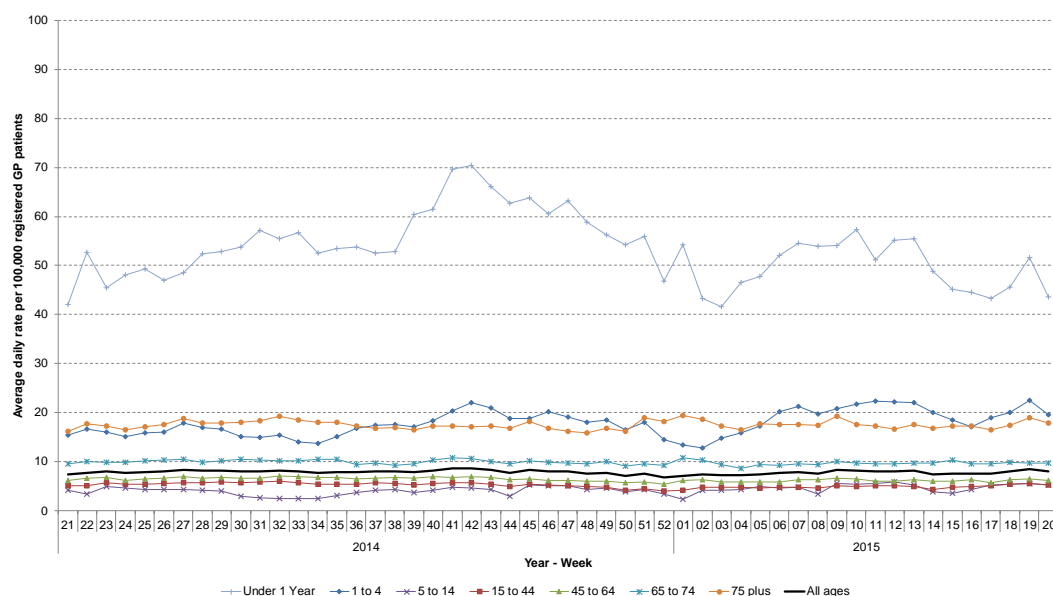
9: Diarrhoea

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



9a. Diarrhoea by age

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



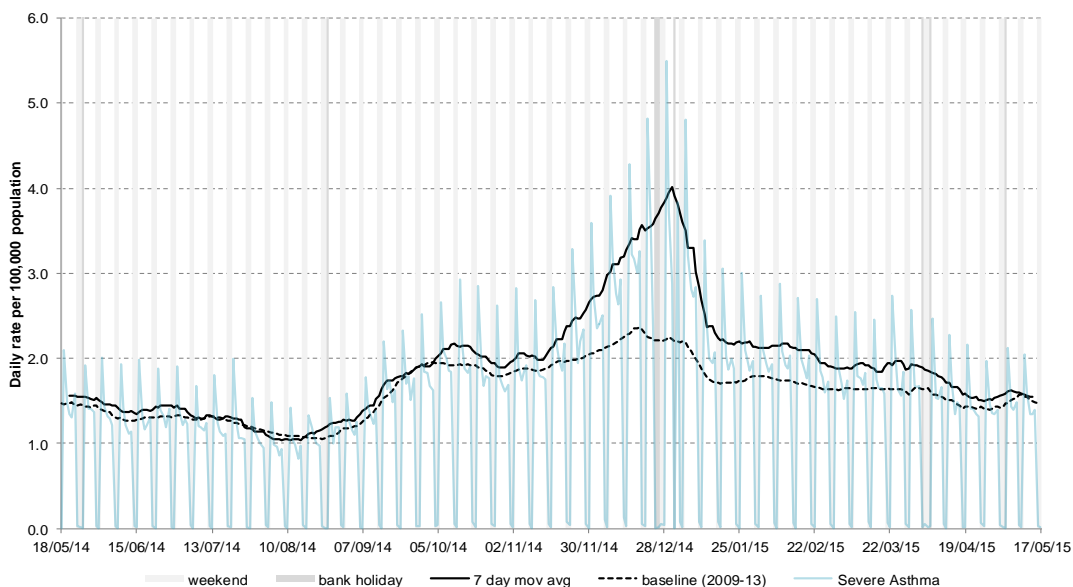
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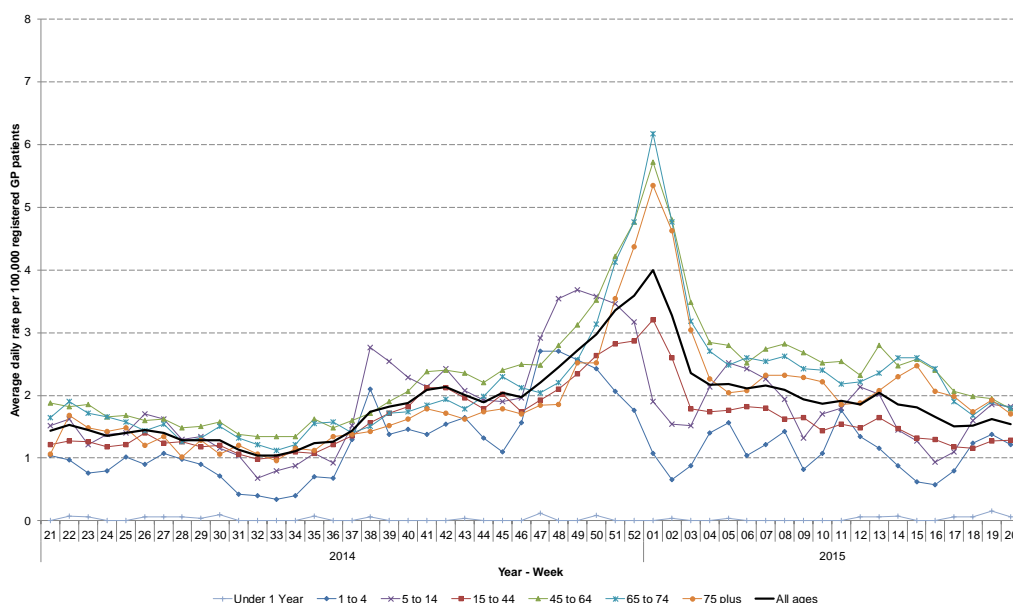
10: Severe asthma

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



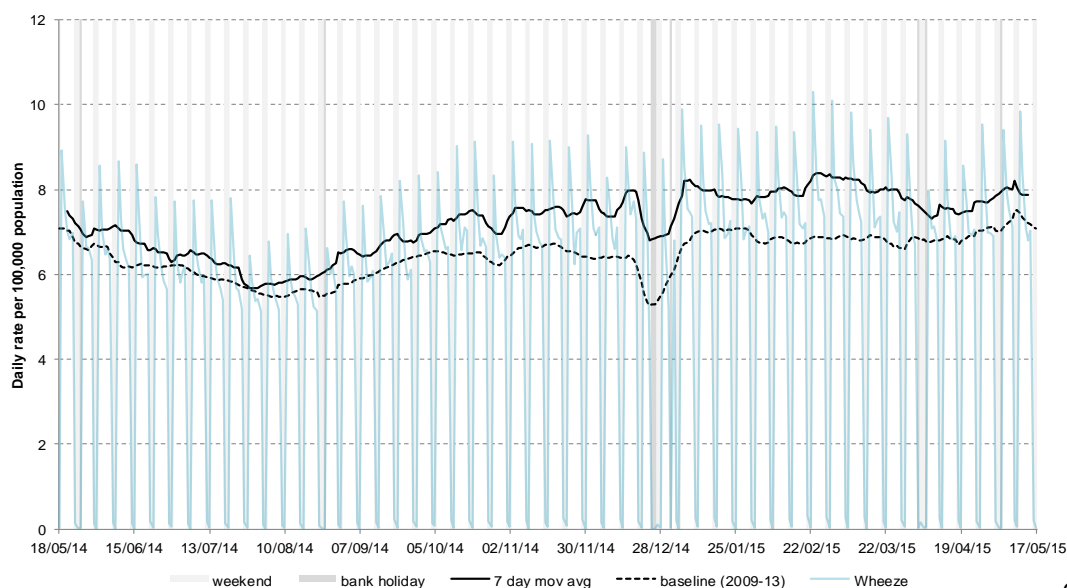
10a: Severe asthma by age

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).



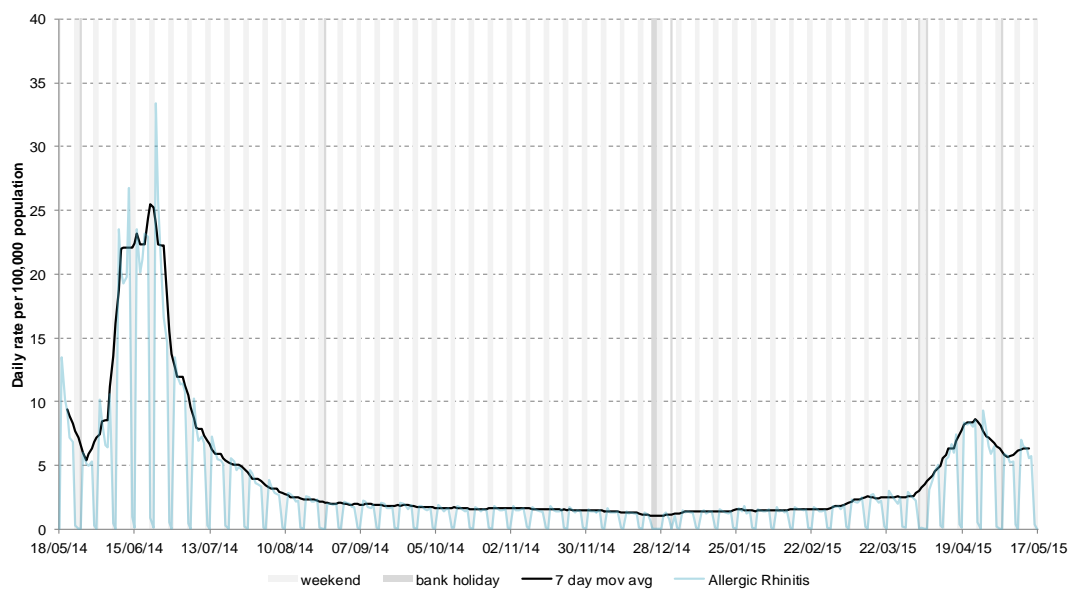
* 7-day moving average adjusted for bank holidays.

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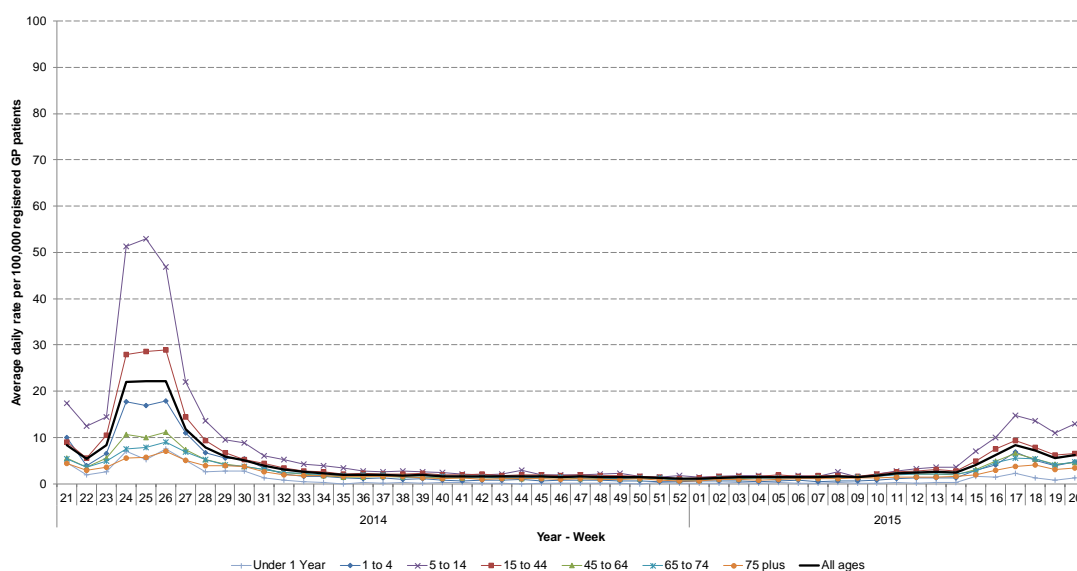
12: Allergic rhinitis

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



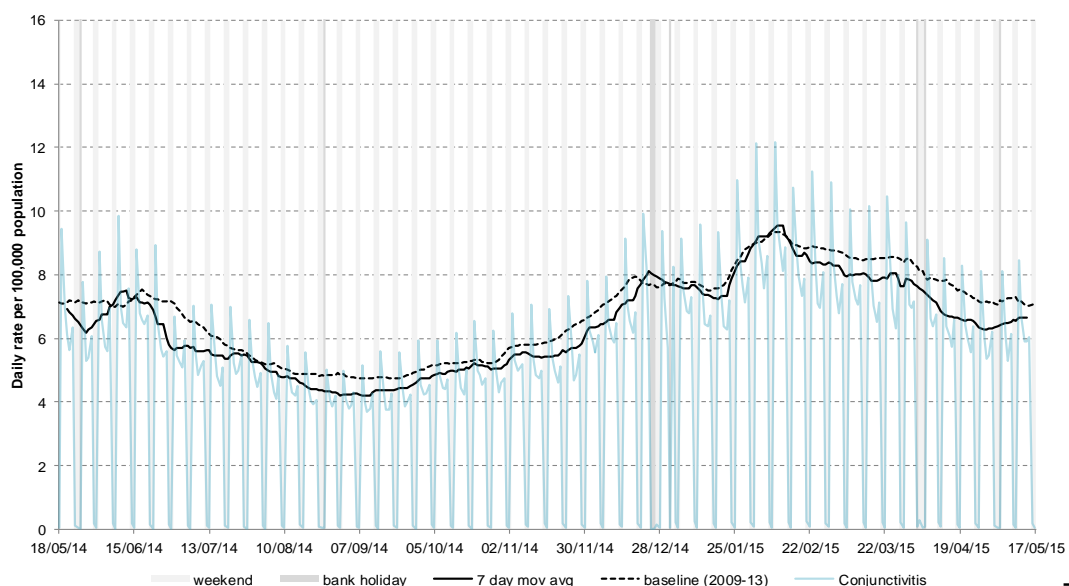
12a: Allergic rhinitis by age

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



13: Conjunctivitis

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



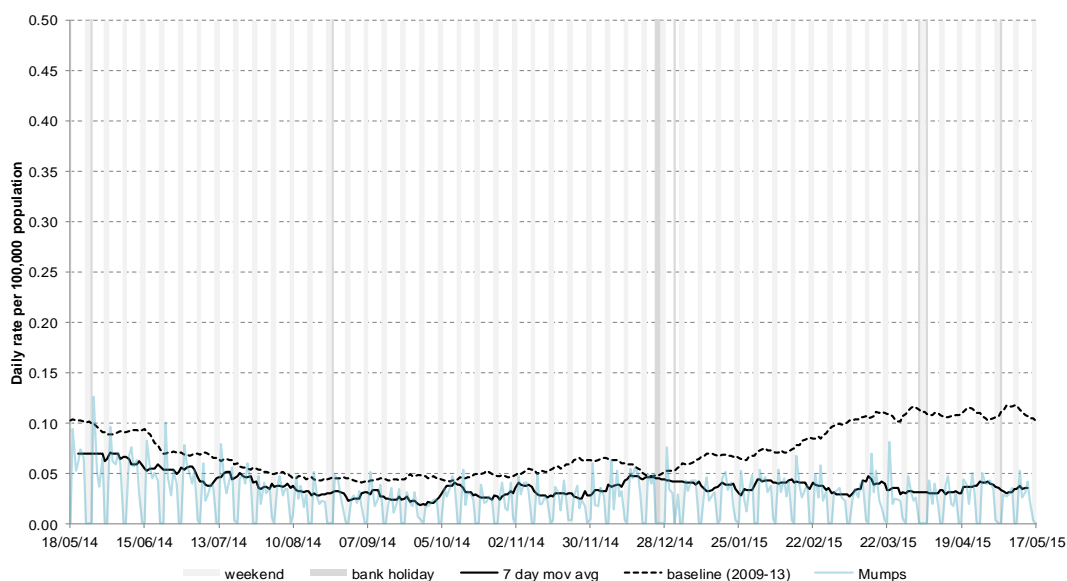
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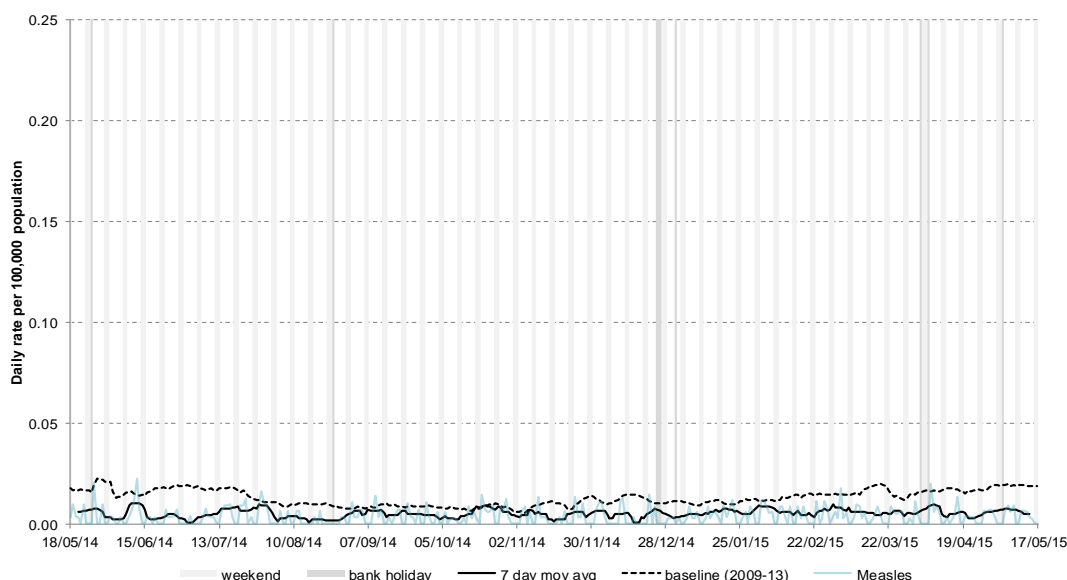
14: Mumps

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



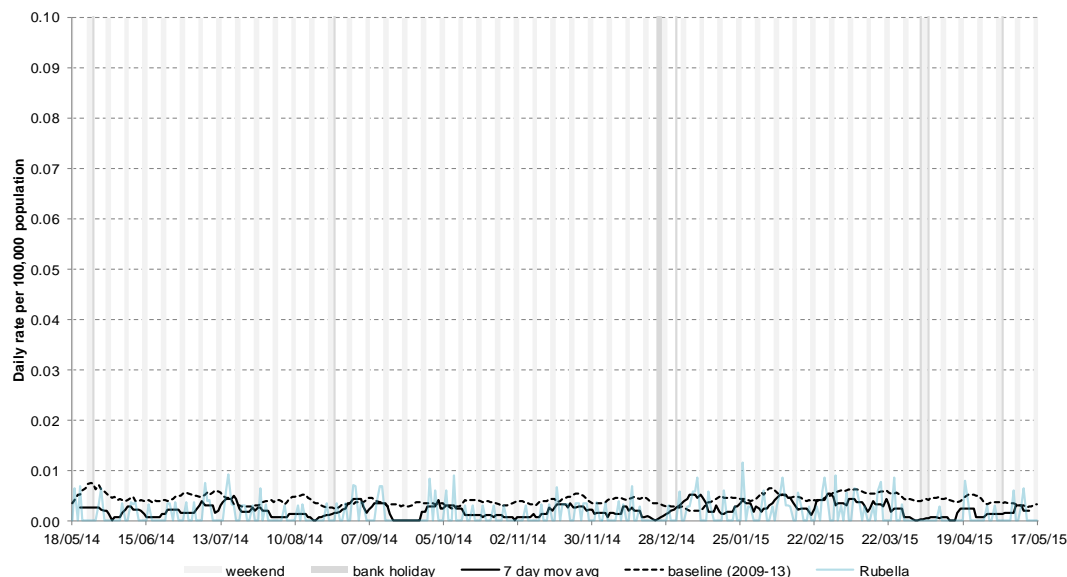
15: Measles

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).



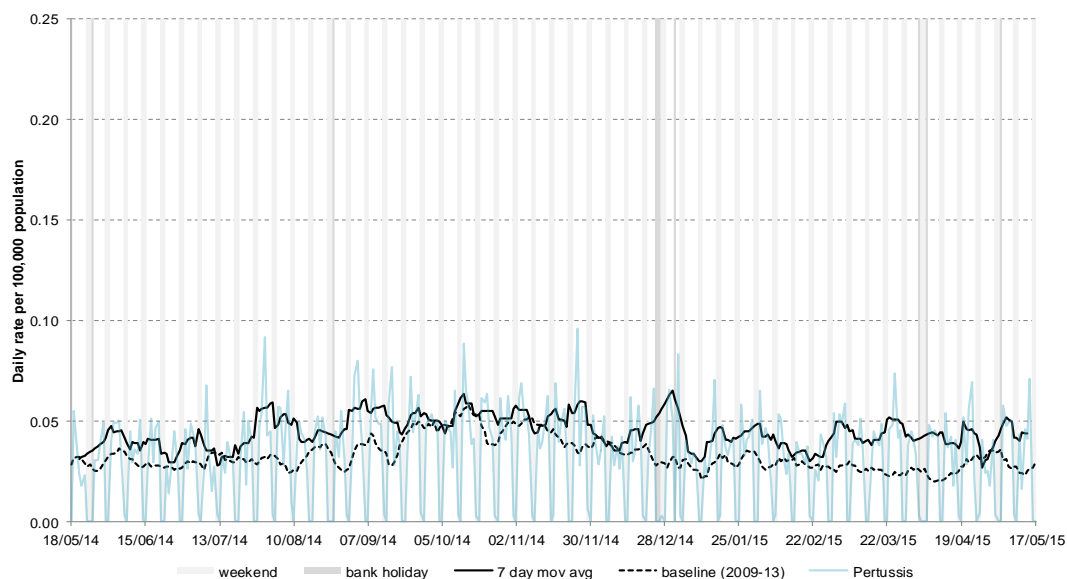
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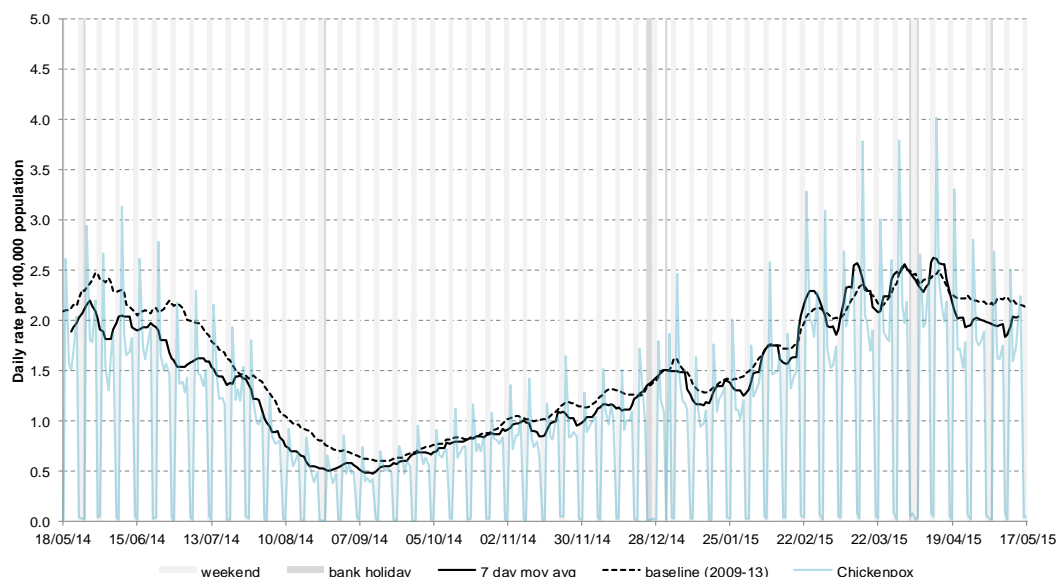
17: Pertussis

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



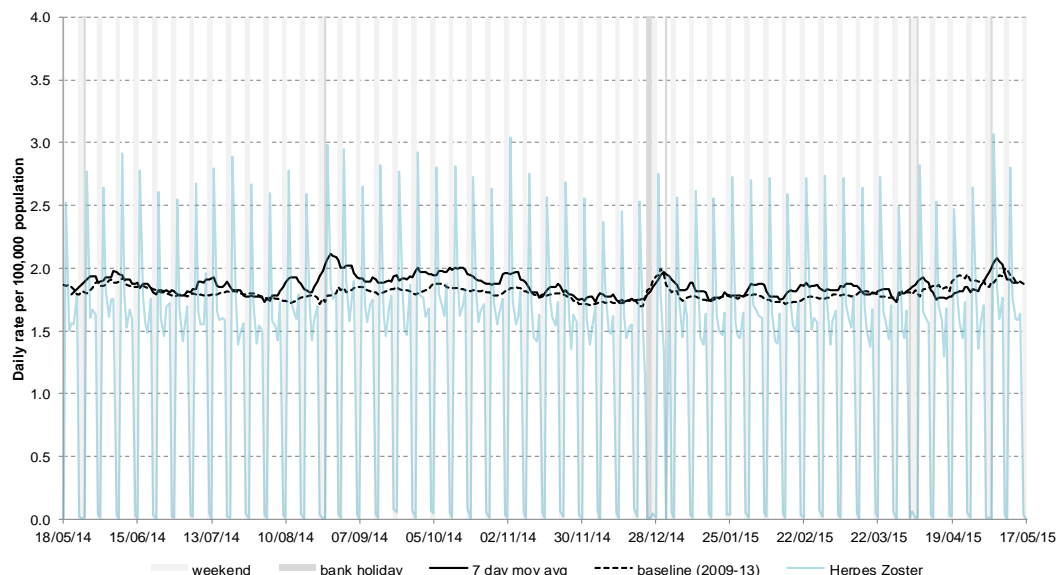
18: Chickenpox

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).



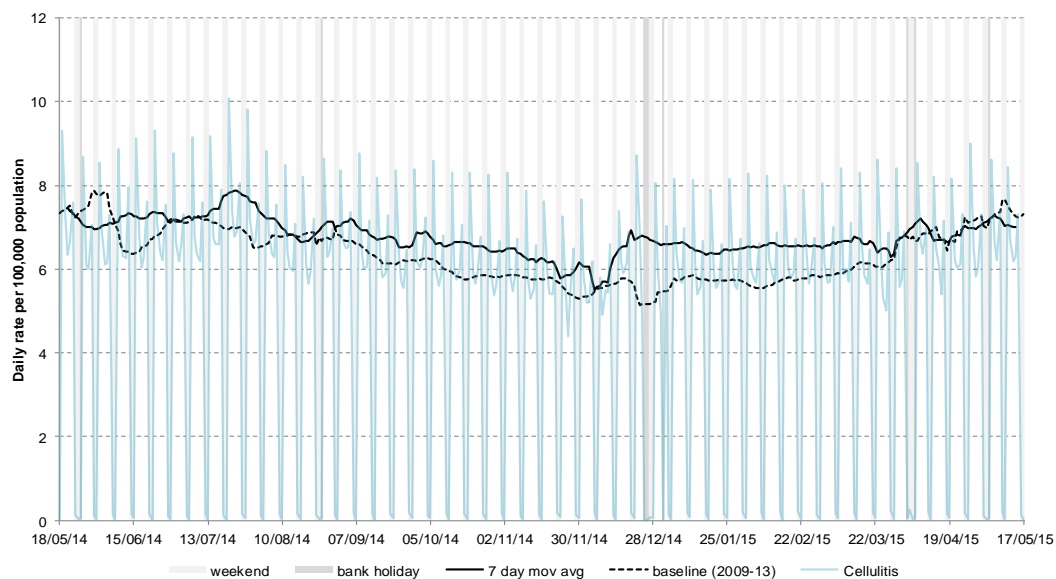
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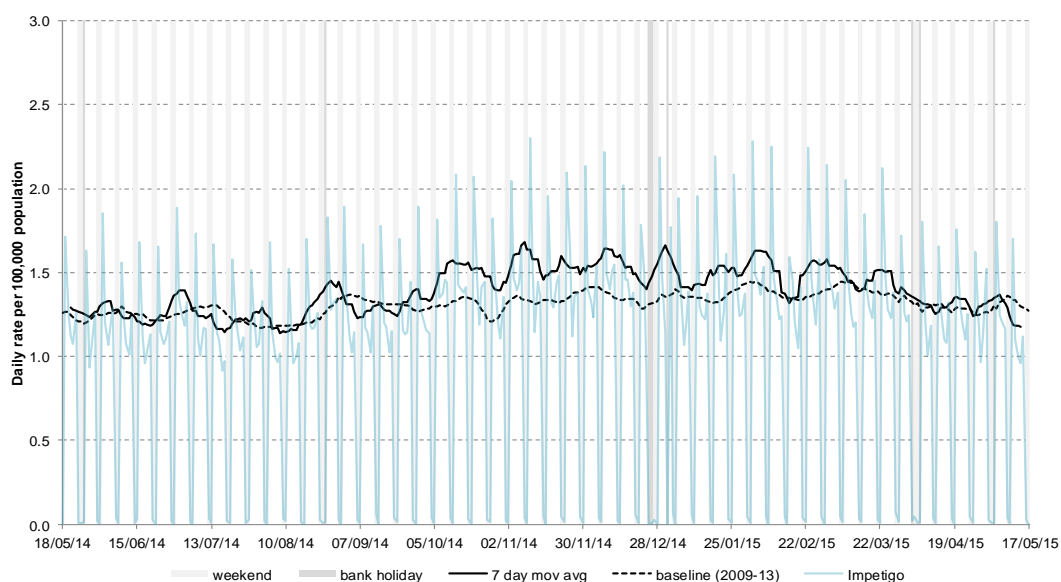
20: Cellulitis

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.
- GP consultation data are analysed on a daily basis to identify national and regional trends. A statistical algorithm underpins each system, routinely identifying activity that has increased significantly or is statistically significantly high for the time of year. Results from these daily analyses are assessed by the ReSST, along with analysis by age group, and anything deemed of public health importance is alerted by the team.
- This system captures anonymised GP morbidity data from two GP clinical software systems, EMIS, from version 1 of the QSurveillance® database, and TPP SystemOne.
- 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.

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 SystemOne GP practices contributing to this surveillance system.

GP In Hours Syndromic Surveillance System Bulletin.

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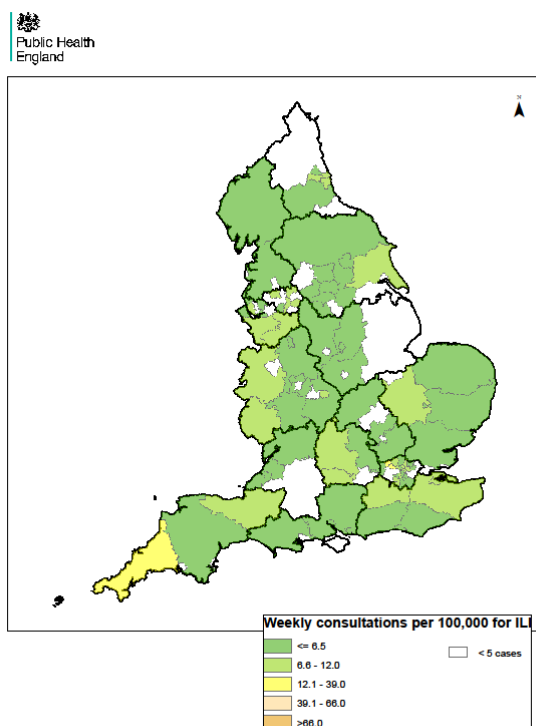
Web: <https://www.gov.uk/government/collections/syndromic-surveillance-systems-and-analyses>

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syndromic-surveillance
@phe.gov.uk

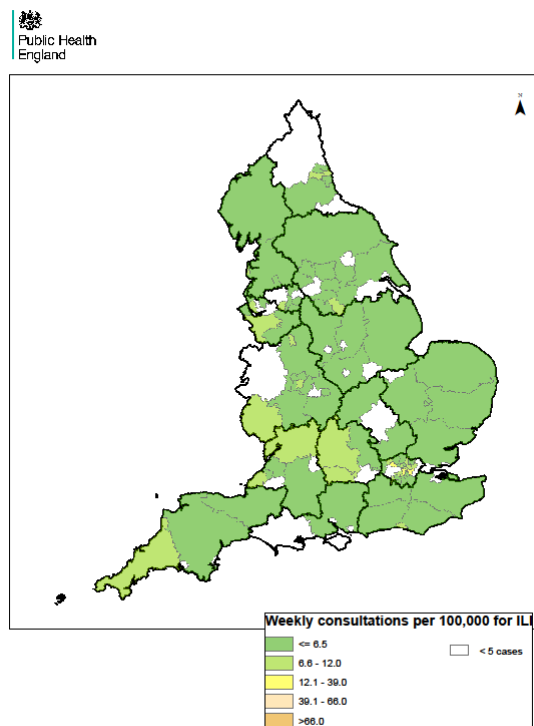
England

Weekly ILI
consultation
rate by LA
for England

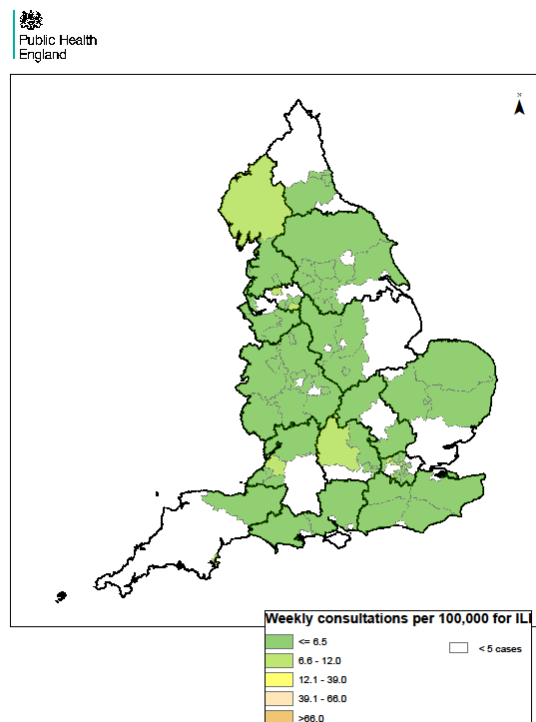
Week 17



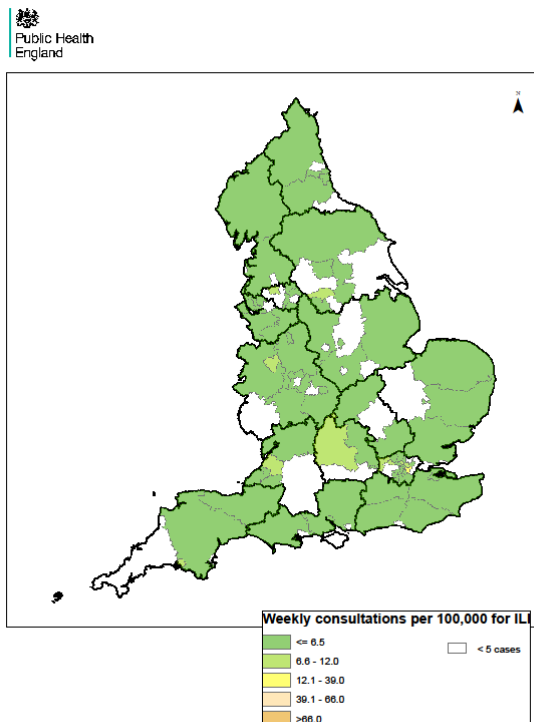
Week 18



Week 19



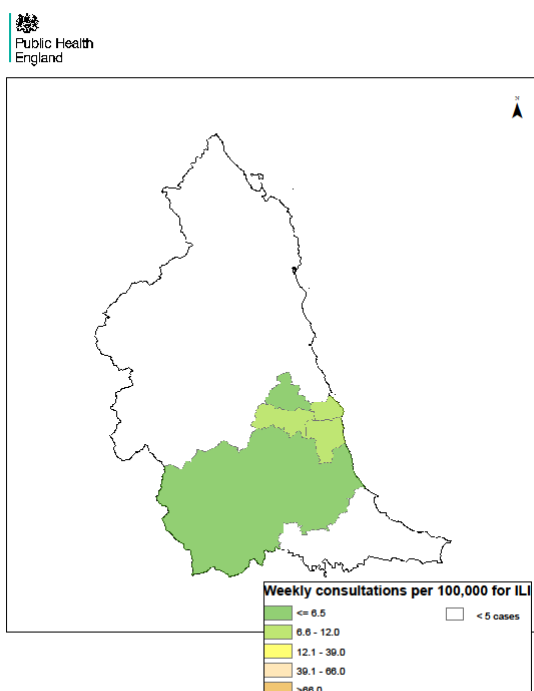
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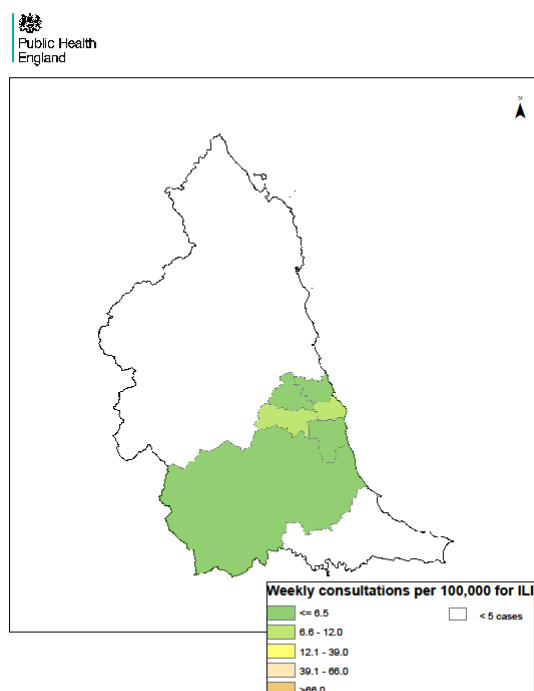
North East

Weekly ILI
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rate by LA
for North
East PHE
Centre

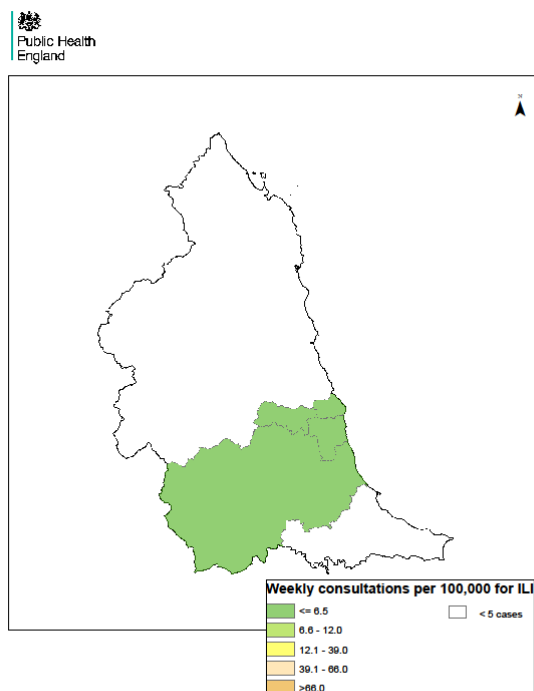
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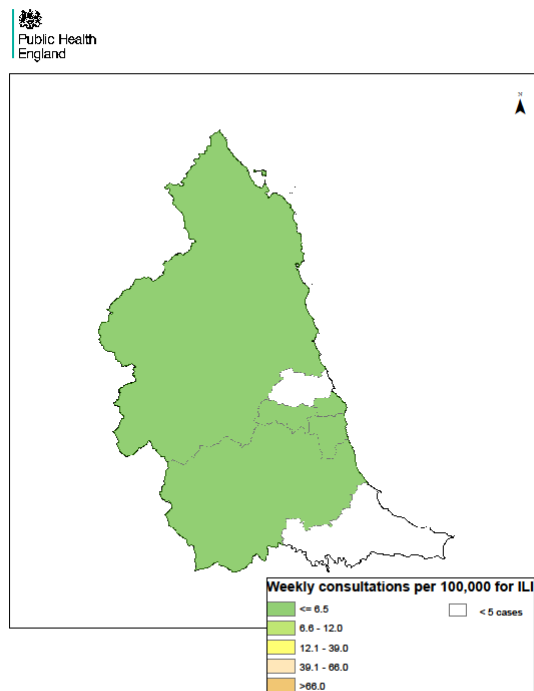
Week 18



Week 19



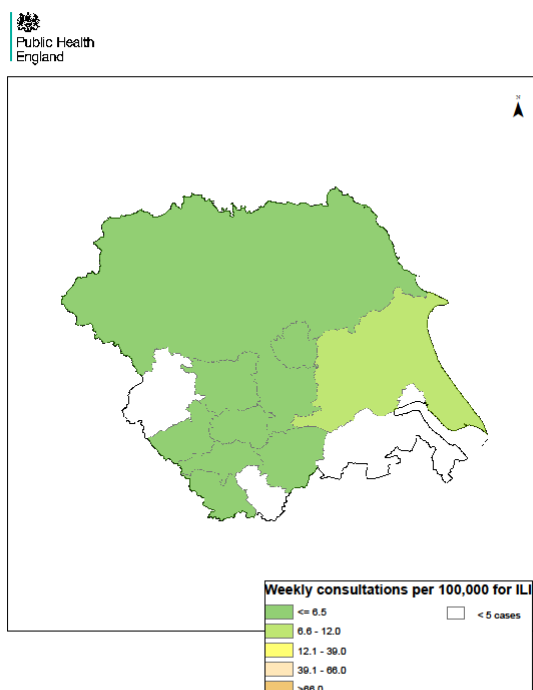
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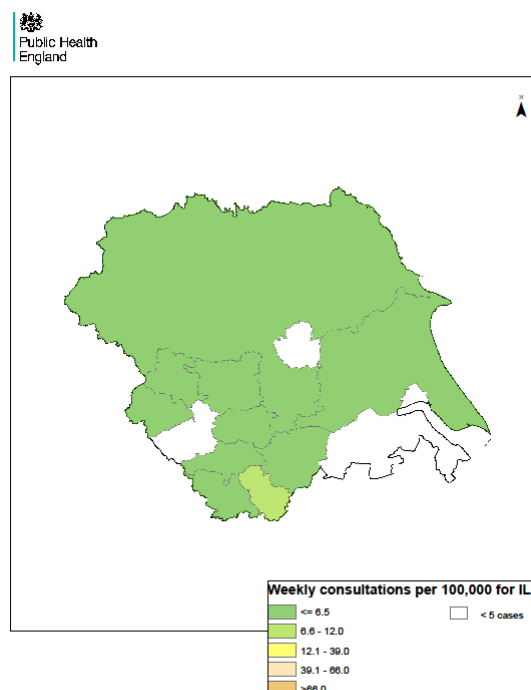
Yorkshire & Humber

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

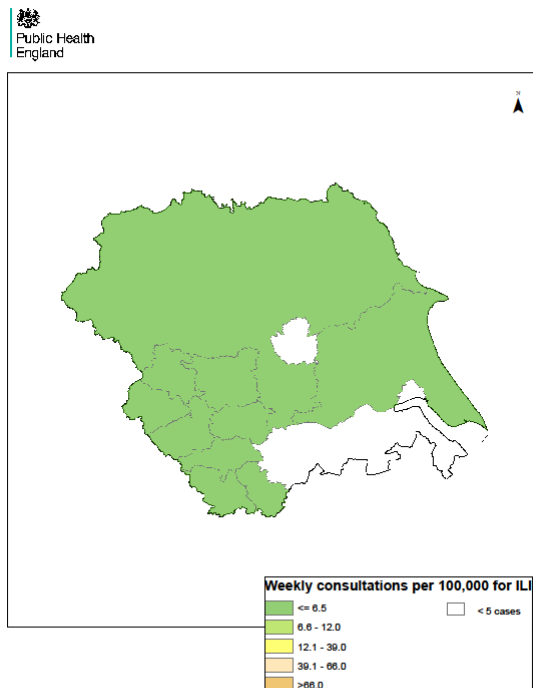
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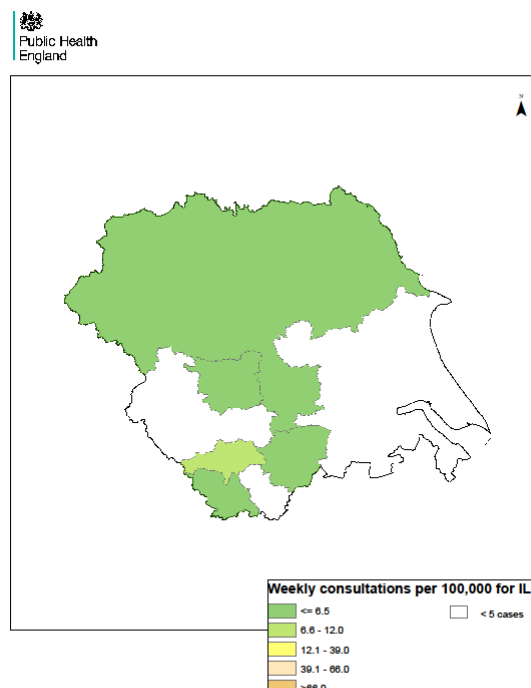
Week 18



Week 19



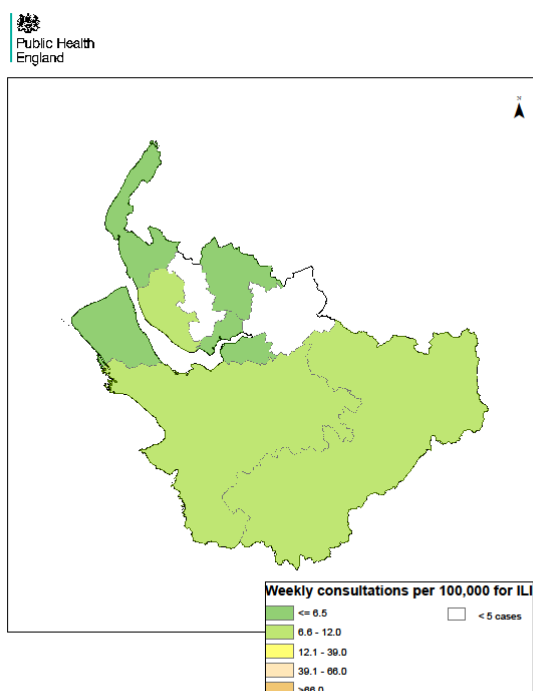
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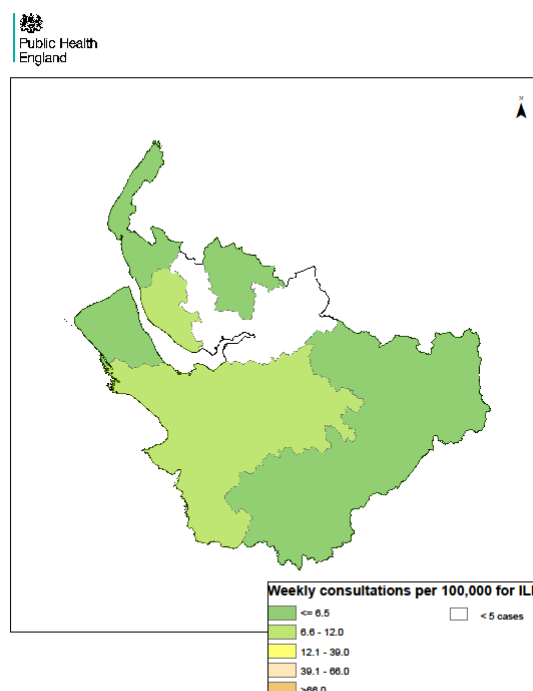
Cheshire & Merseyside

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

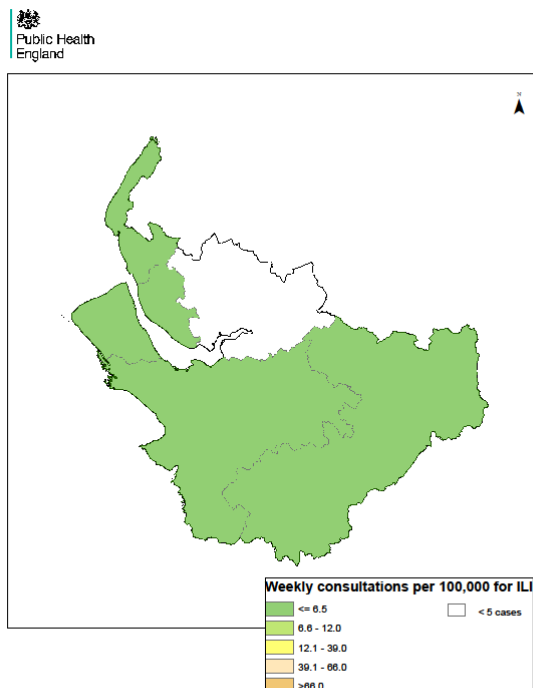
Week 17



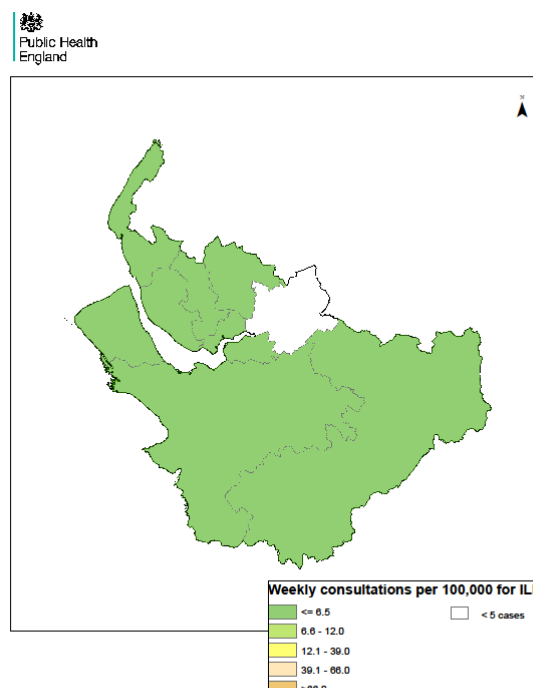
Week 18



Week 19



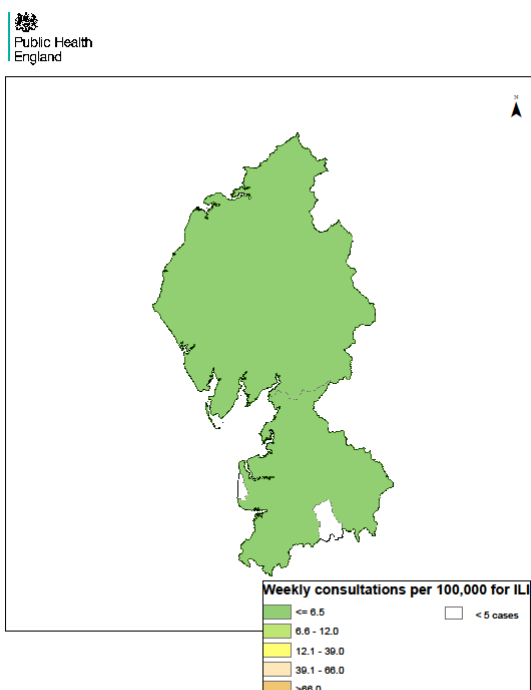
Week 20



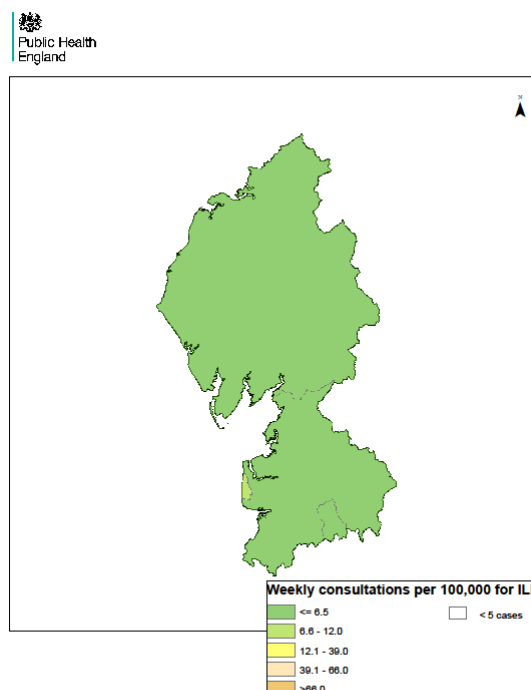
Cumbria & Lancashire

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

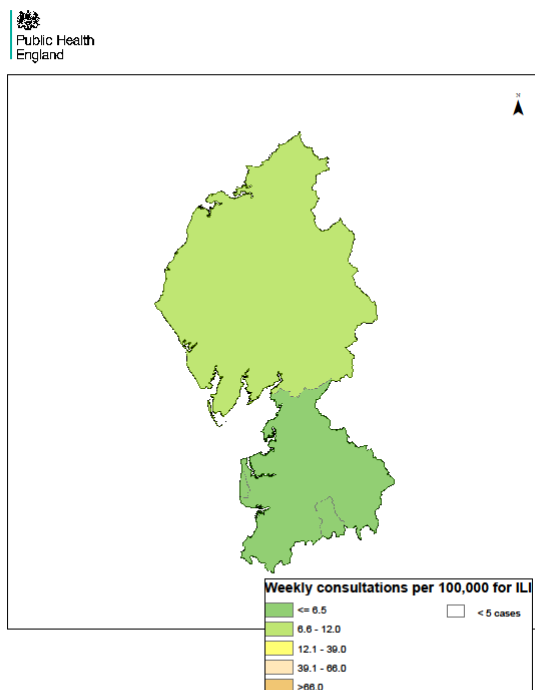
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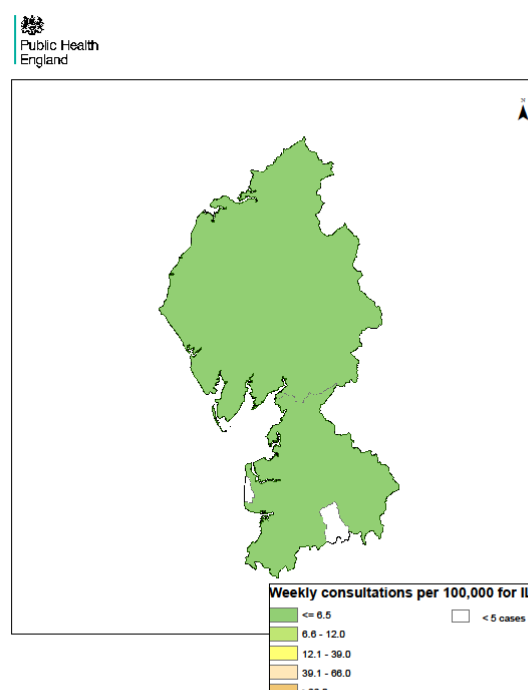
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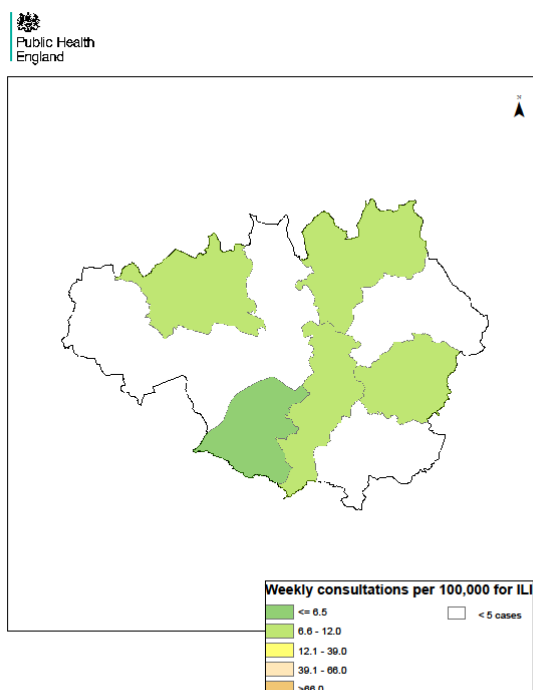
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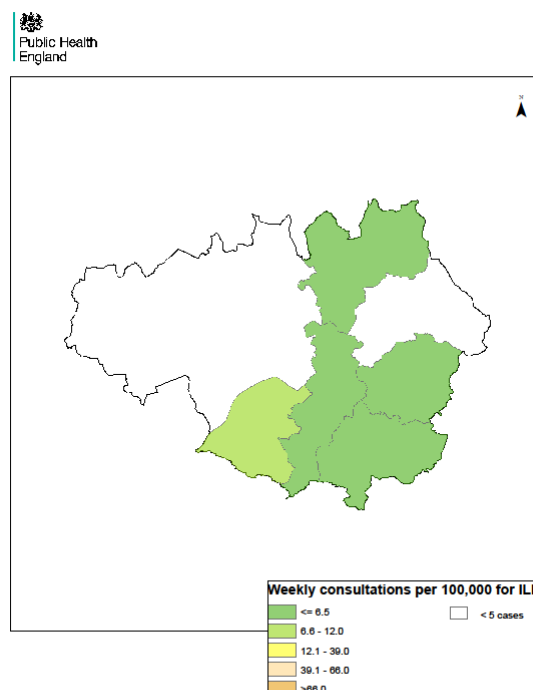
Greater Manchester

Weekly ILI consultation rate by LA for Greater Manchester PHE Centre

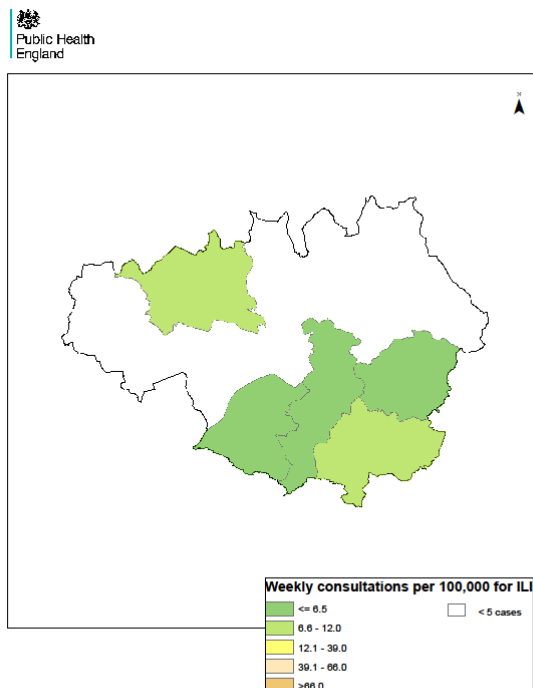
Week 17



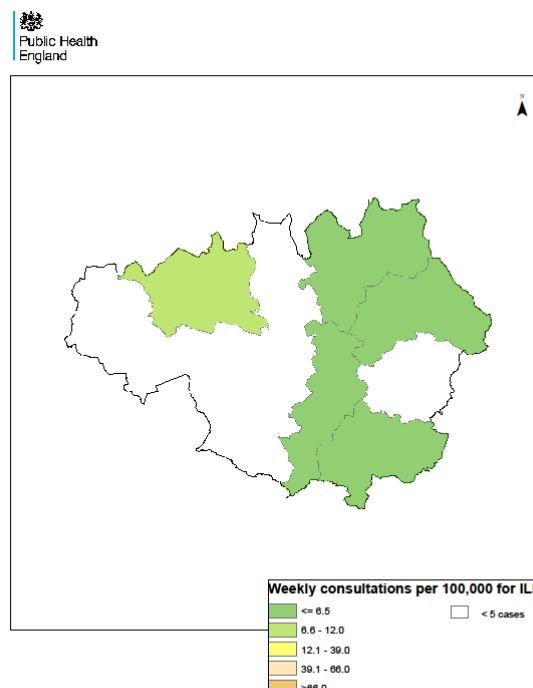
Week 18



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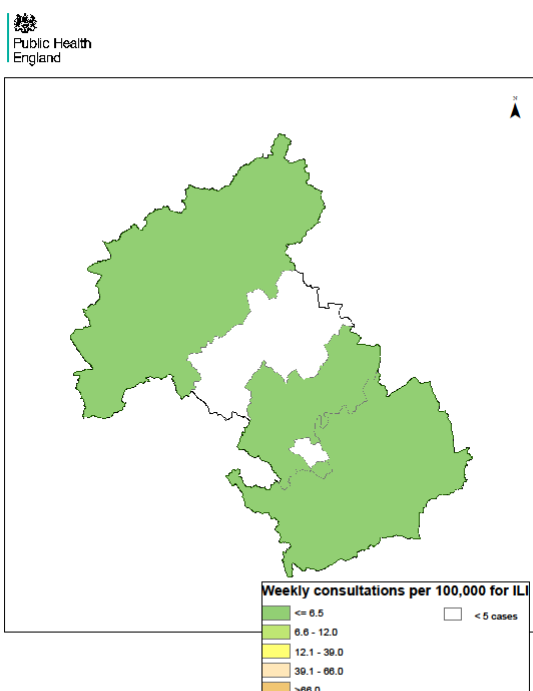
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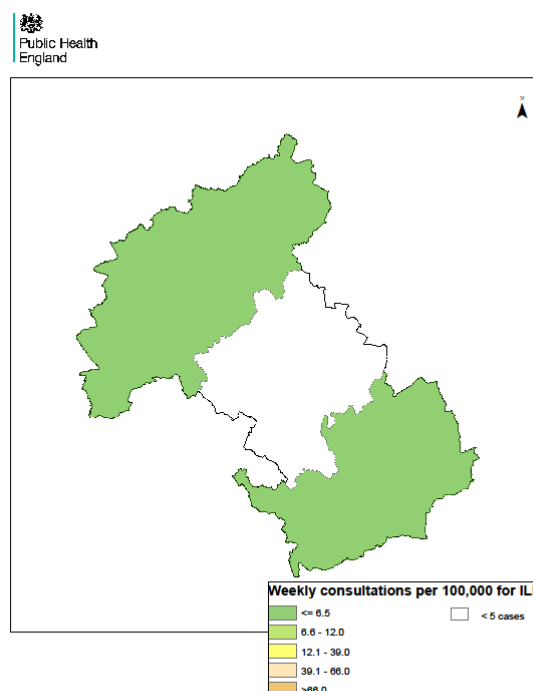
**South
Midlands &
Hertfordshire**

Weekly ILI
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for South
Midlands &
Hertfordshire
PHE Centre

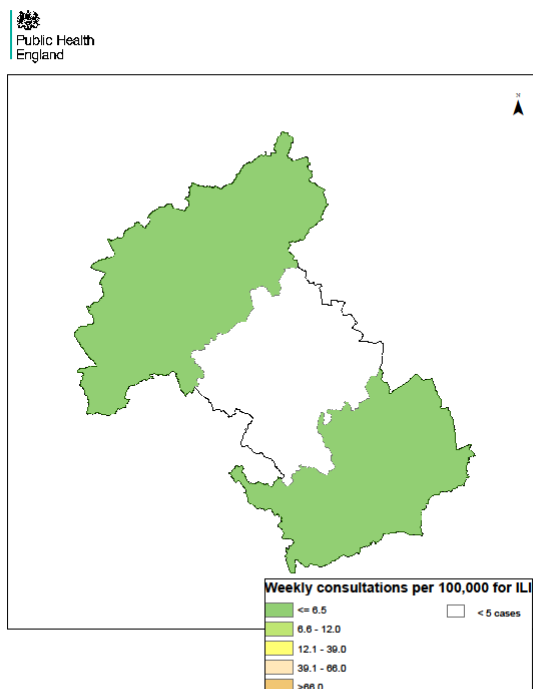
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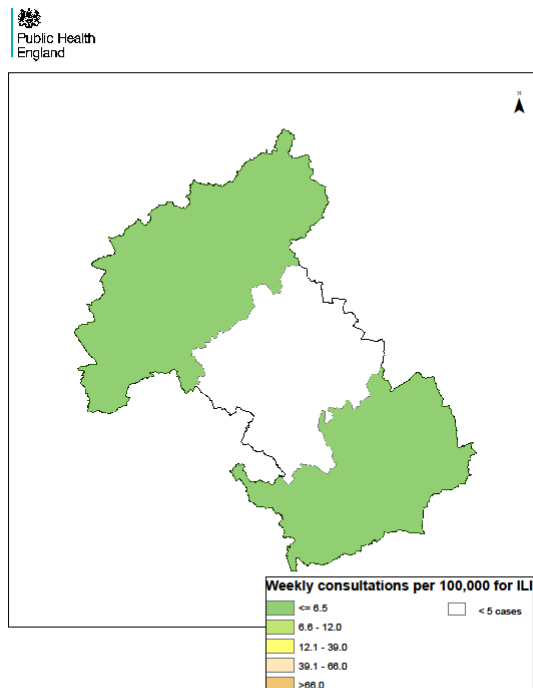
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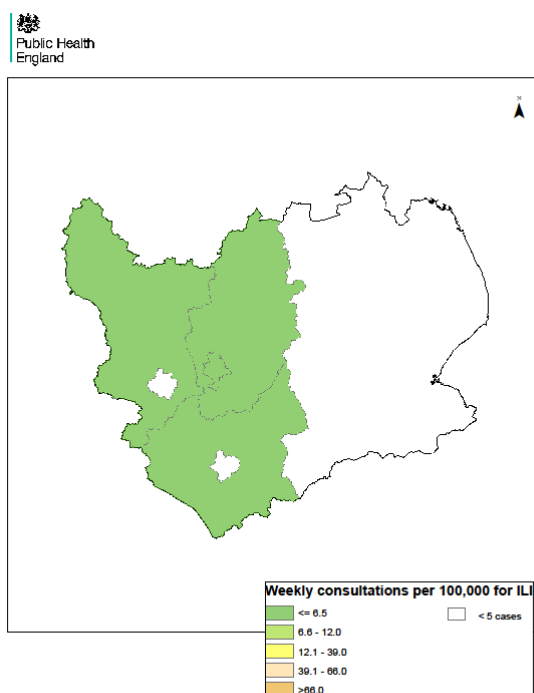
Week 20



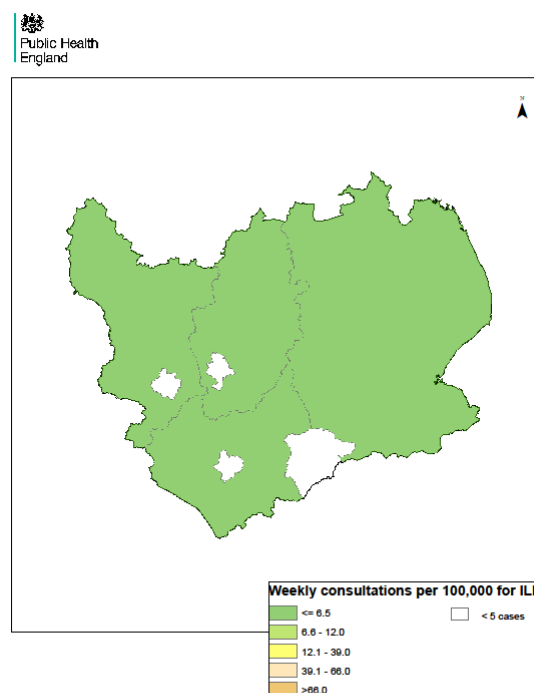
**East
Midlands**

Weekly ILI
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Midlands
PHE Centre

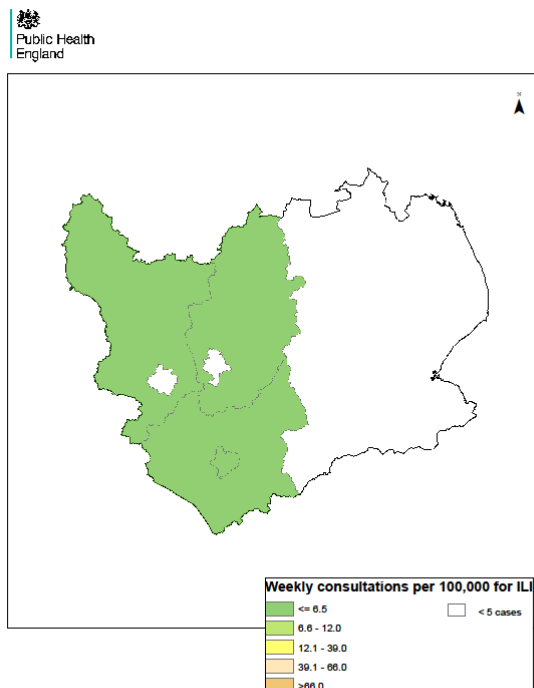
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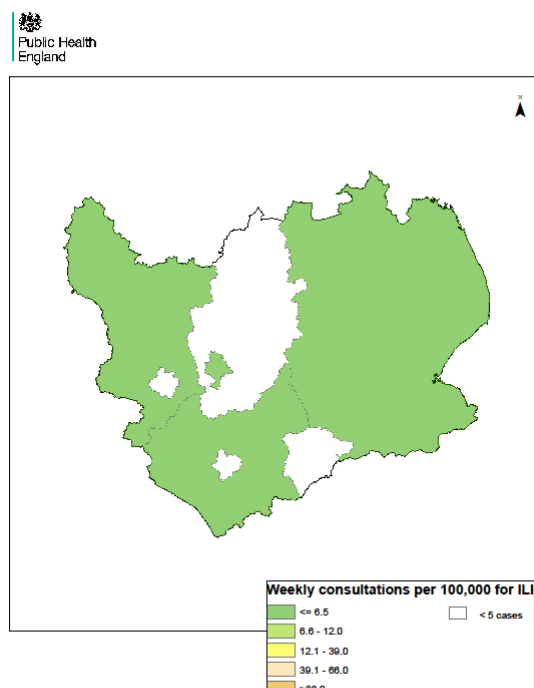
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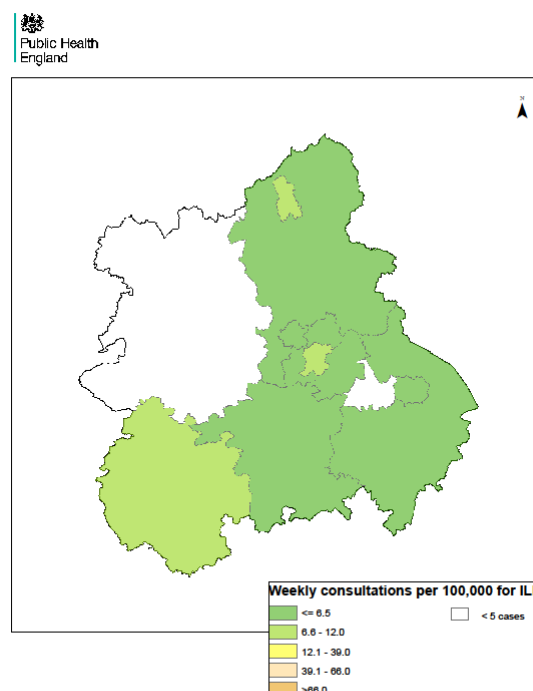
**West
Midlands**

Weekly ILI
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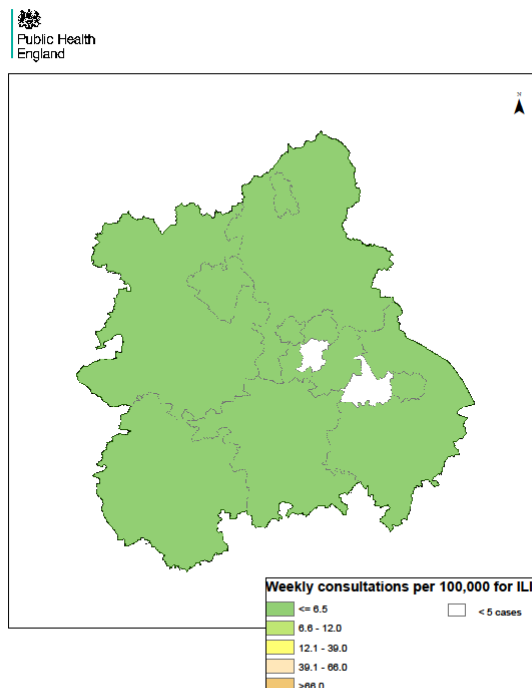
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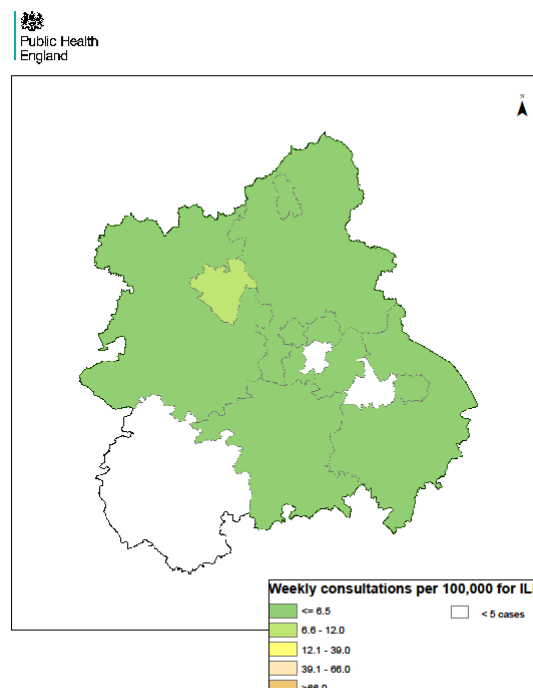
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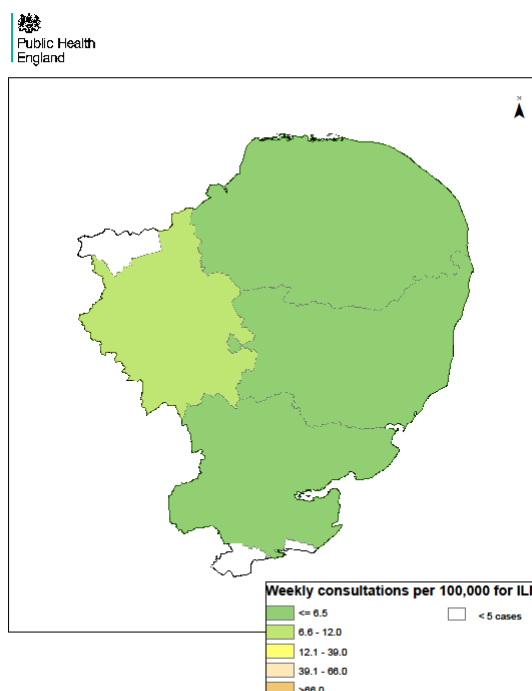
Week 20



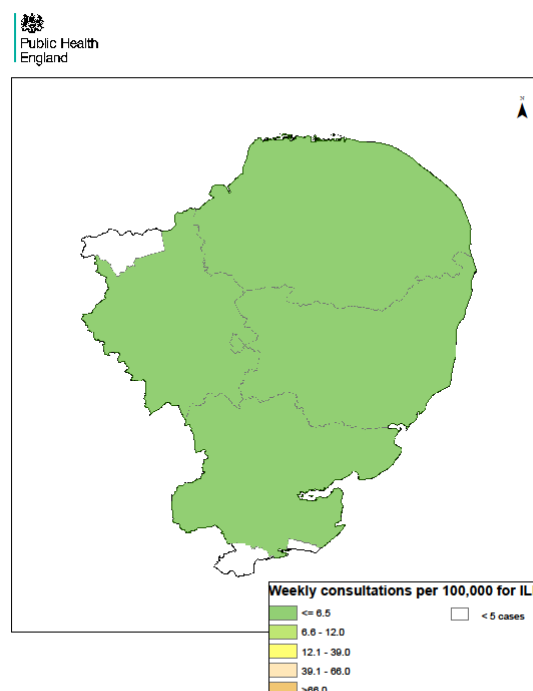
Anglia & Essex

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

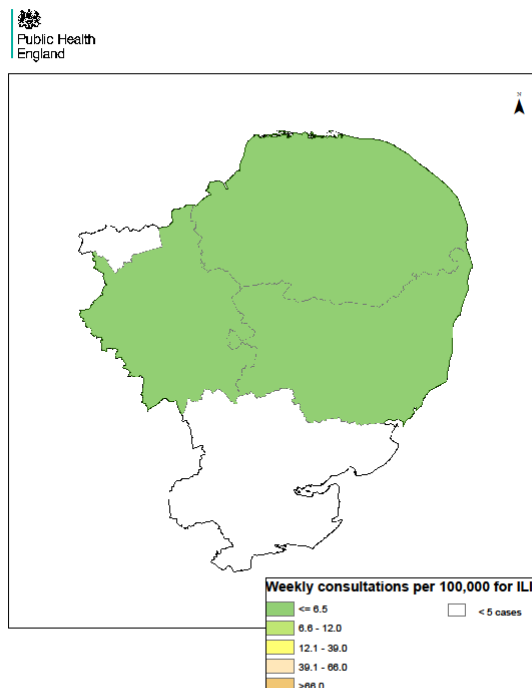
Week 17



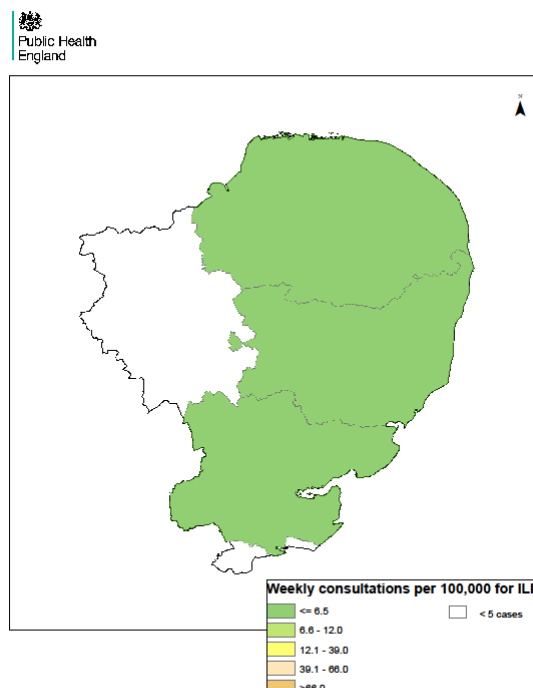
Week 18



Week 19



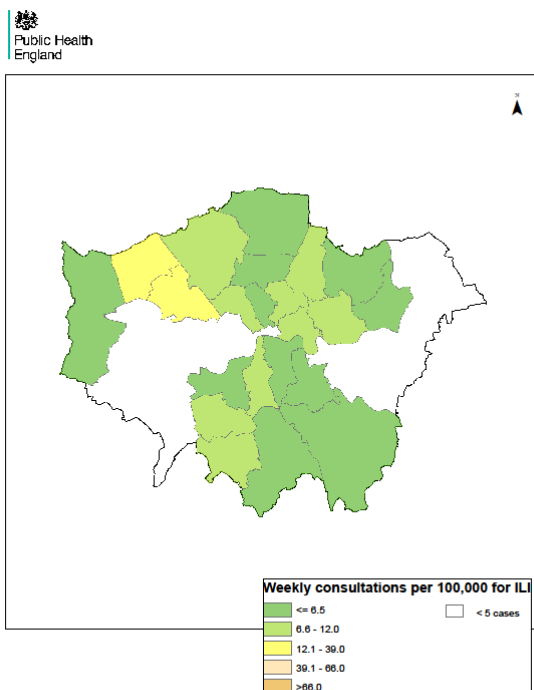
Week 20



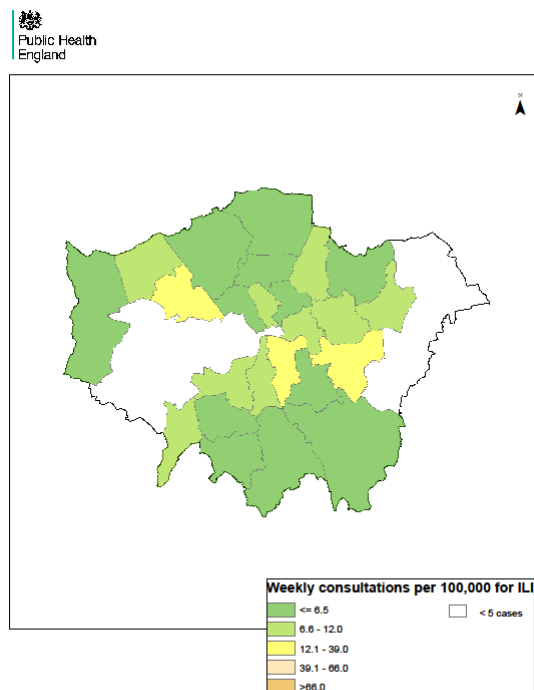
London

Weekly ILI
consultation
rate by LA
for London
PHE Centre

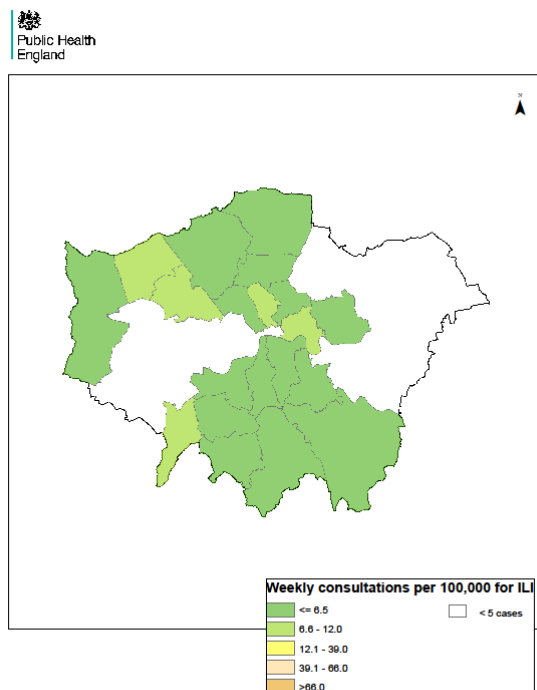
Week 17



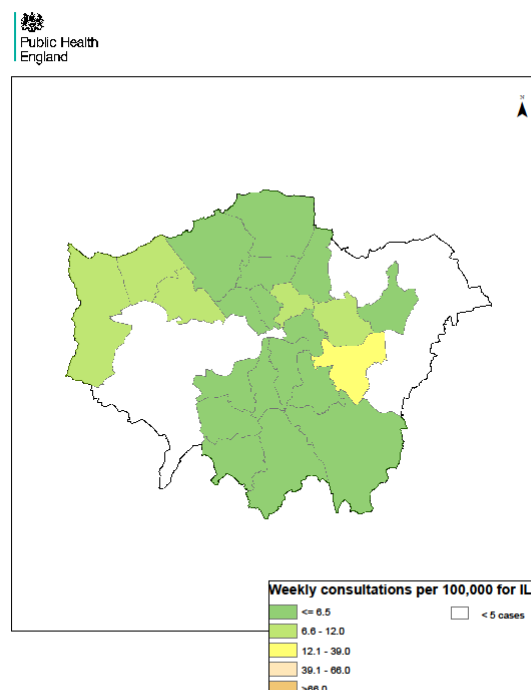
Week 18



Week 19



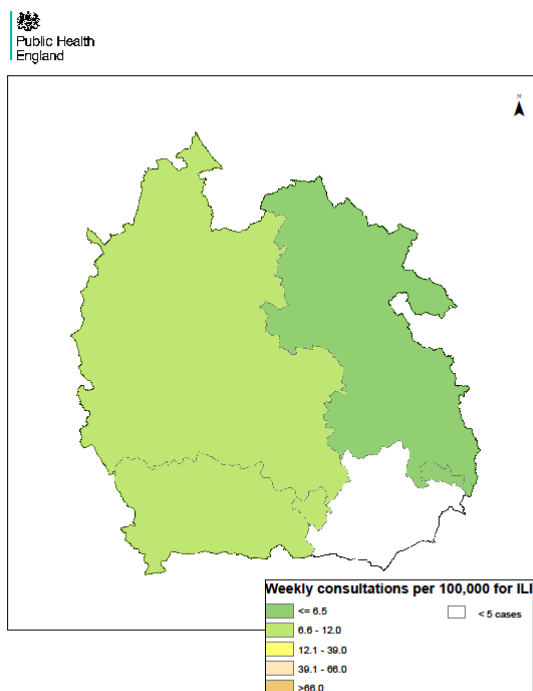
Week 20



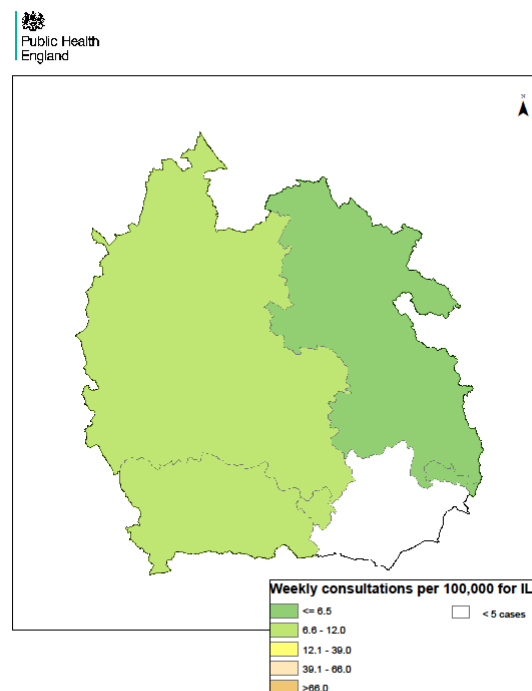
Thames Valley

Weekly ILI
consultation
rate by LA
for Thames
Valley PHE
Centre

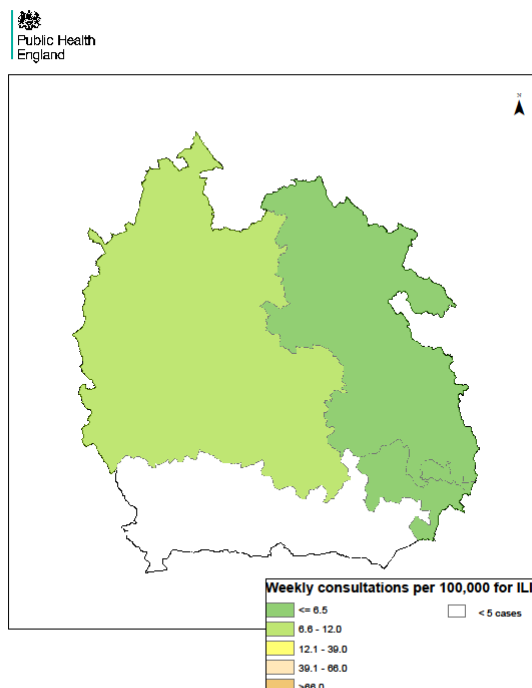
Week 17



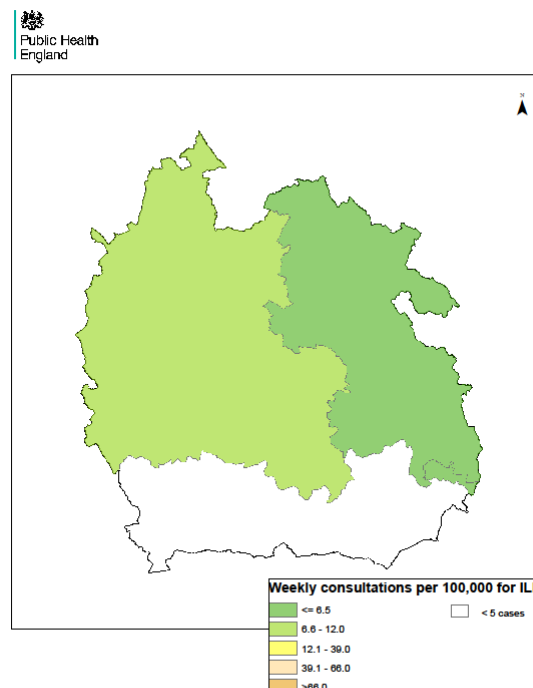
Week 18



Week 19



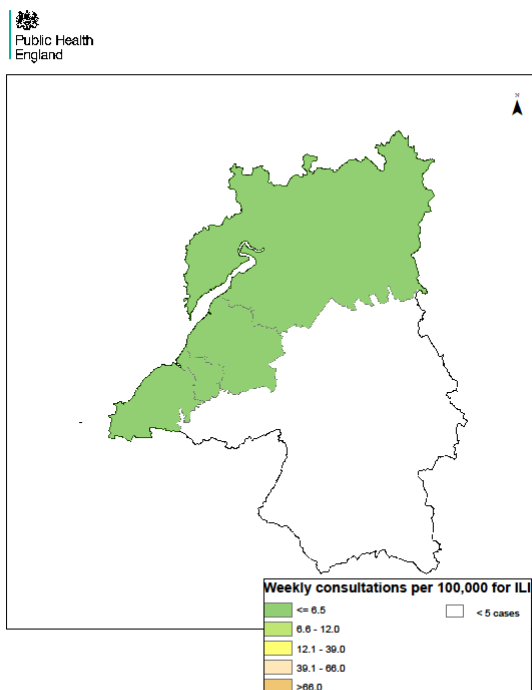
Week 20



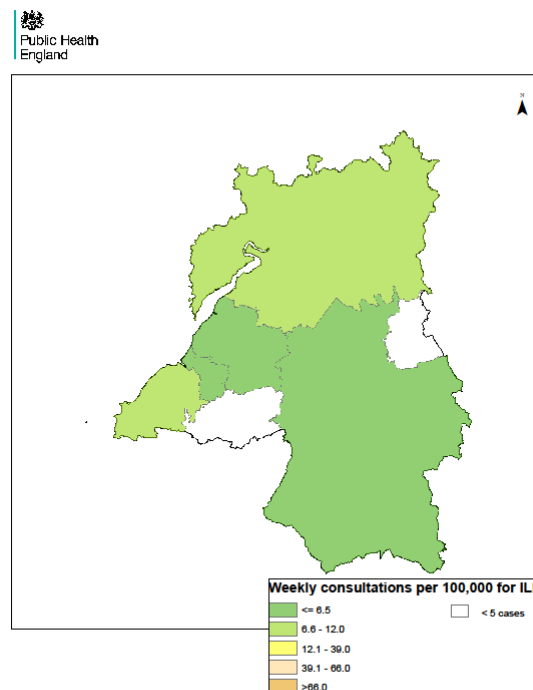
Avon, Gloucestershire & Wiltshire

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

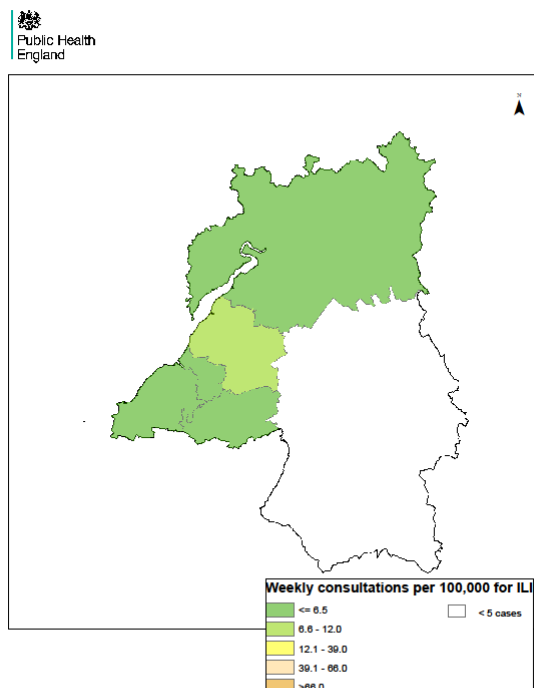
Week 17



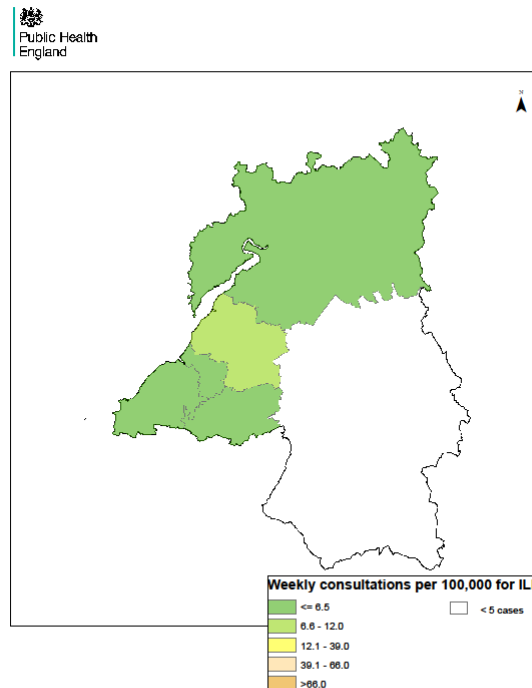
Week 18



Week 19



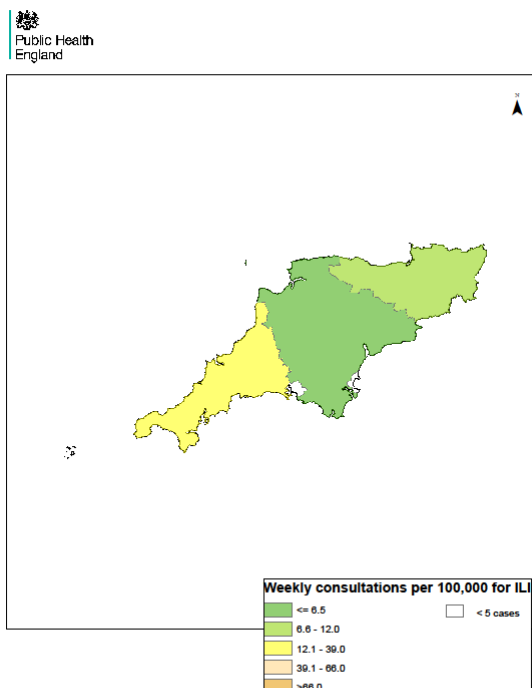
Week 20



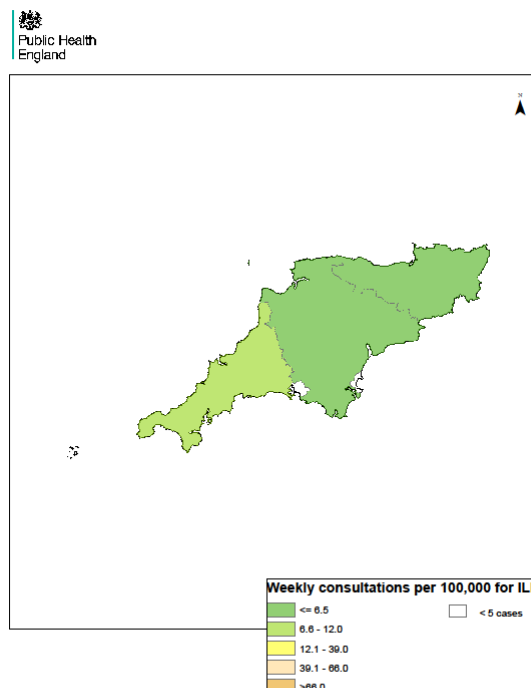
Devon, Cornwall & Somerset

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

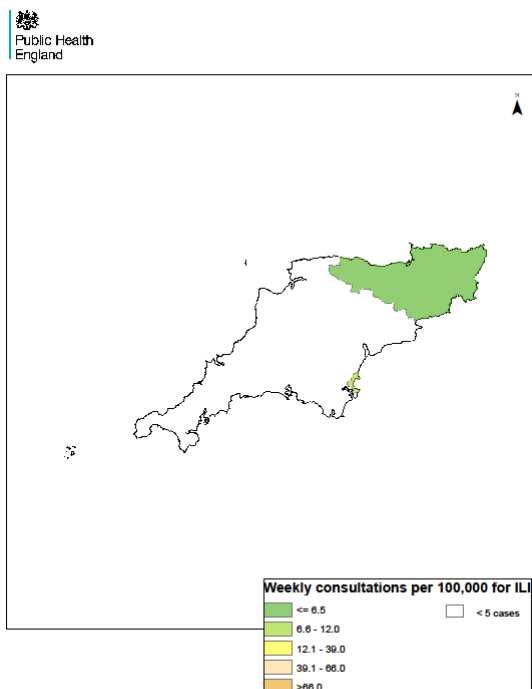
Week 17



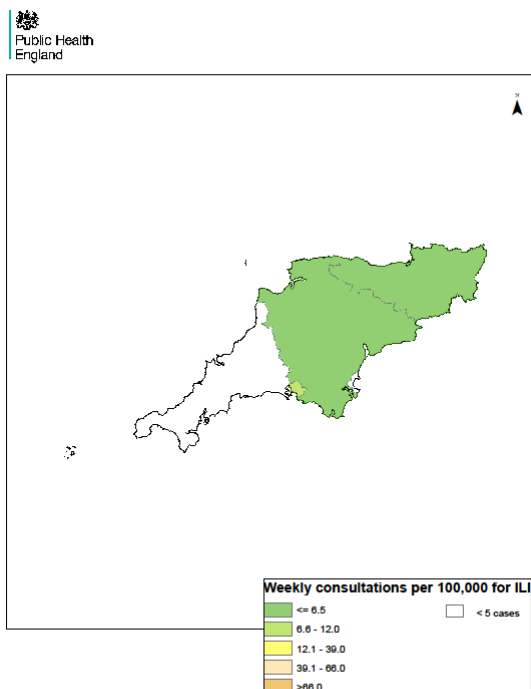
Week 18



Week 19



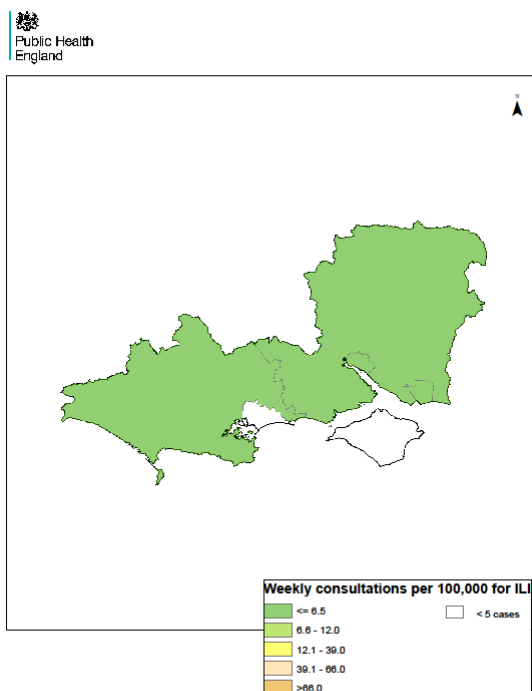
Week 20



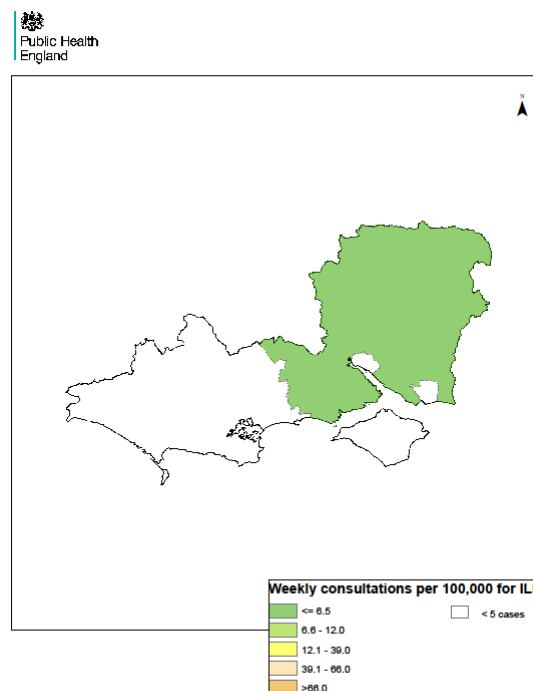
Wessex

Weekly ILI
consultation
rate by LA
for Wessex
PHE Centre

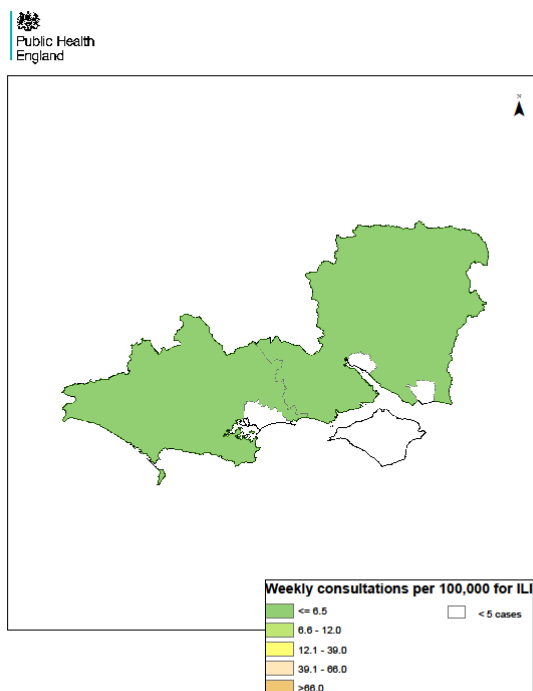
Week 17



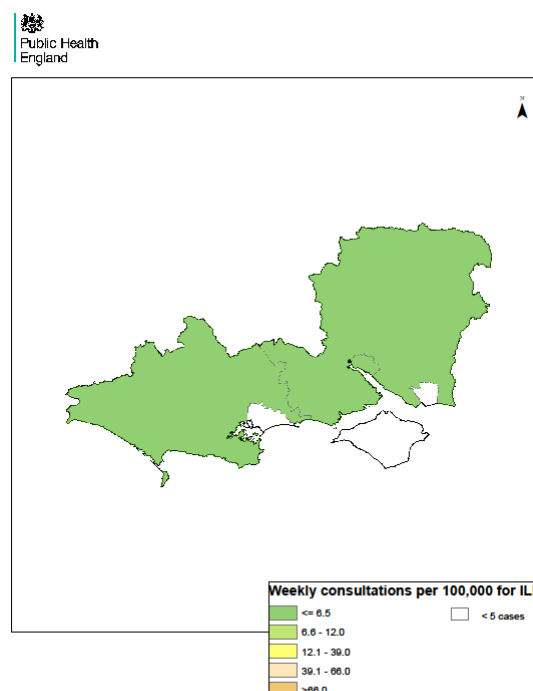
Week 18



Week 19



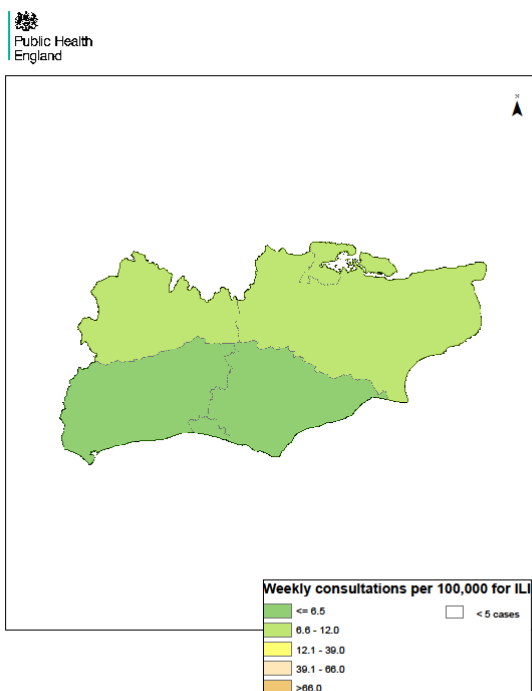
Week 20



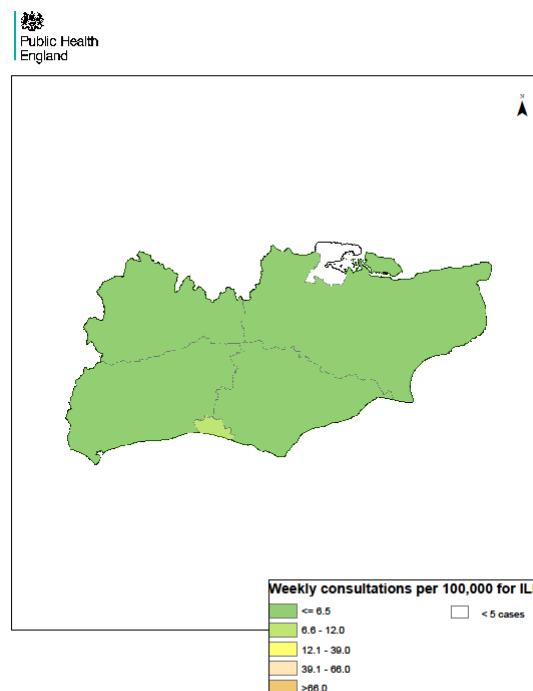
Kent, Surrey & Sussex

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

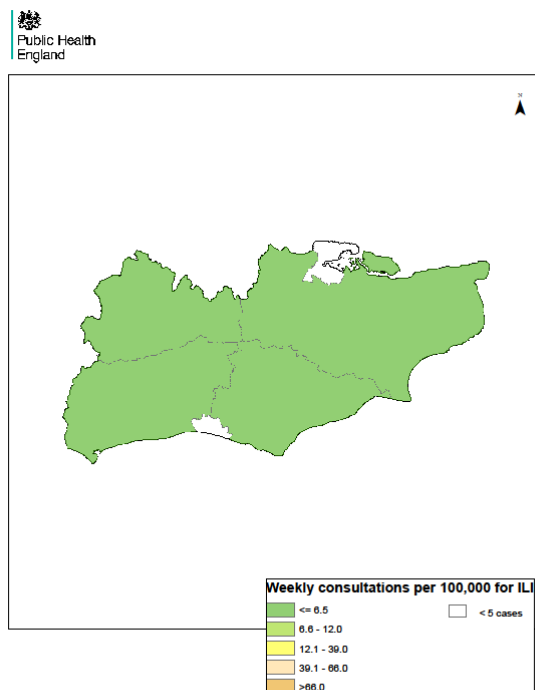
Week 17



Week 18



Week 19



Week 20

