GP In Hours

Syndromic Surveillance System: England

Key messages

Data to: 22 February 2015

There were further small increases in GP consultations for scarlet fever during week 8 (figure 4).

Respiratory indicators remained stable during week 8.

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	no trend	similar to baseline levels
Pharyngitis	decreasing	above baseline levels
Scarlet fever	increasing	above baseline levels
Lower respiratory tract infection	decreasing	similar to baseline levels
Pneumonia	decreasing	above baseline levels
Gastroenteritis	no trend	below baseline levels
Vomiting	no trend	similar to baseline levels
Diarrhoea	no trend	similar to baseline levels
Severe asthma	no trend	above baseline levels
Wheeze	no trend	above baseline levels
Allergic rhinitis	no trend	similar to baseline levels
Conjuctivitis	decreasing	similar to baseline levels
Mumps	no trend	below baseline levels
Measles	no trend	similar to baseline levels
Rubella	no trend	similar to baseline levels
Pertussis	decreasing	similar to baseline levels
Chickenpox	increasing	similar to baseline levels
Herpes zoster	no trend	similar to baseline levels
Cellulitis	no trend	above baseline levels
Impetigo	decreasing	similar to baseline levels

GP practices and denominator population:

Year	Week	GP Practices Reporting**	Population size**
2015	8	4822	35.3 million

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

24 February 2015   **Year: 2015 Week: 8**
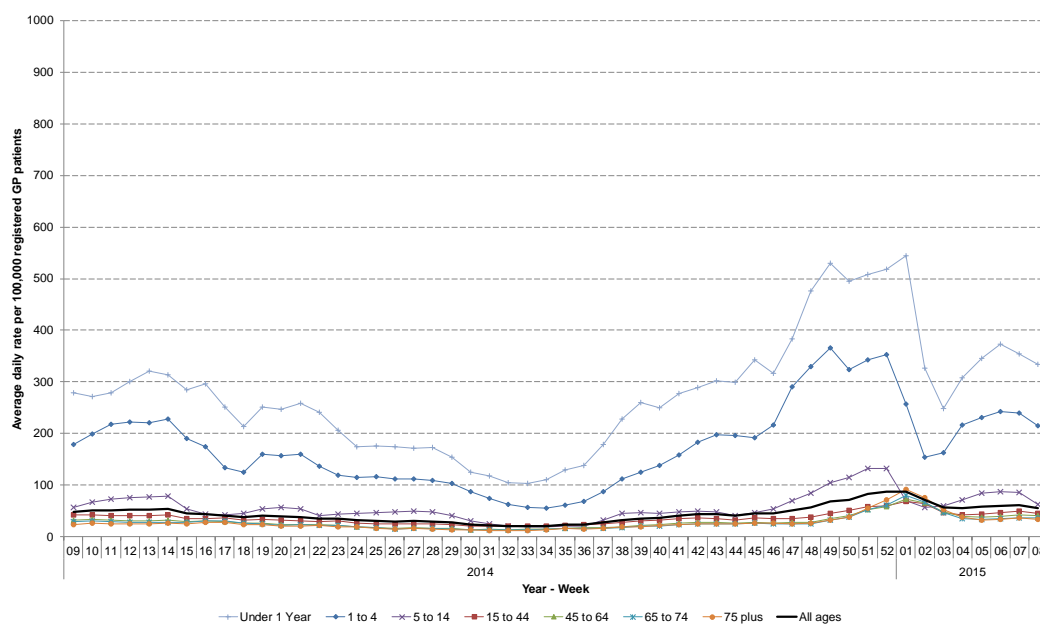
1: Upper respiratory tract infection (URTI)

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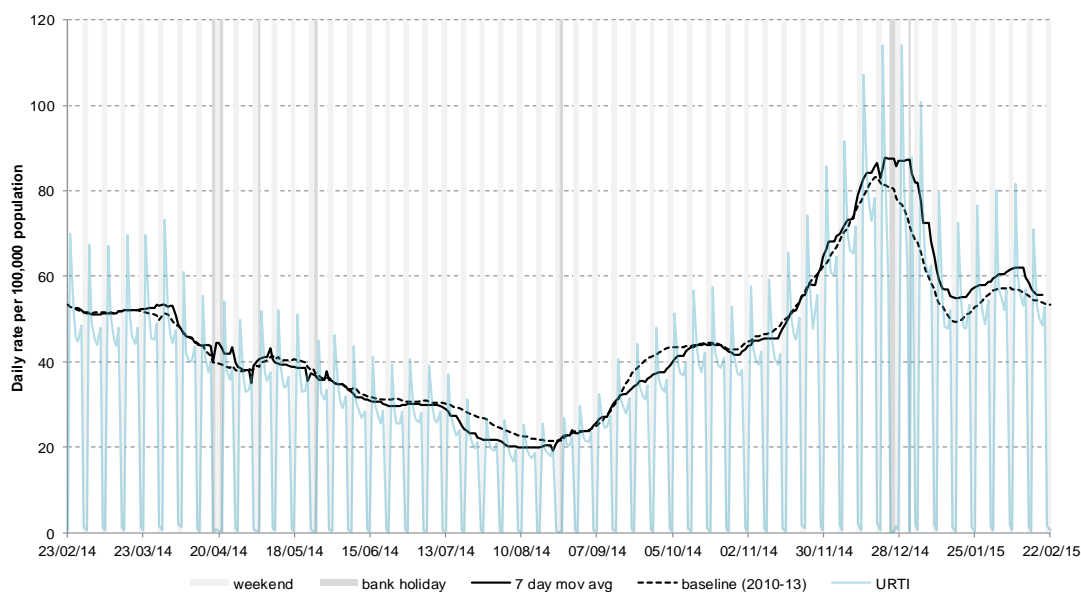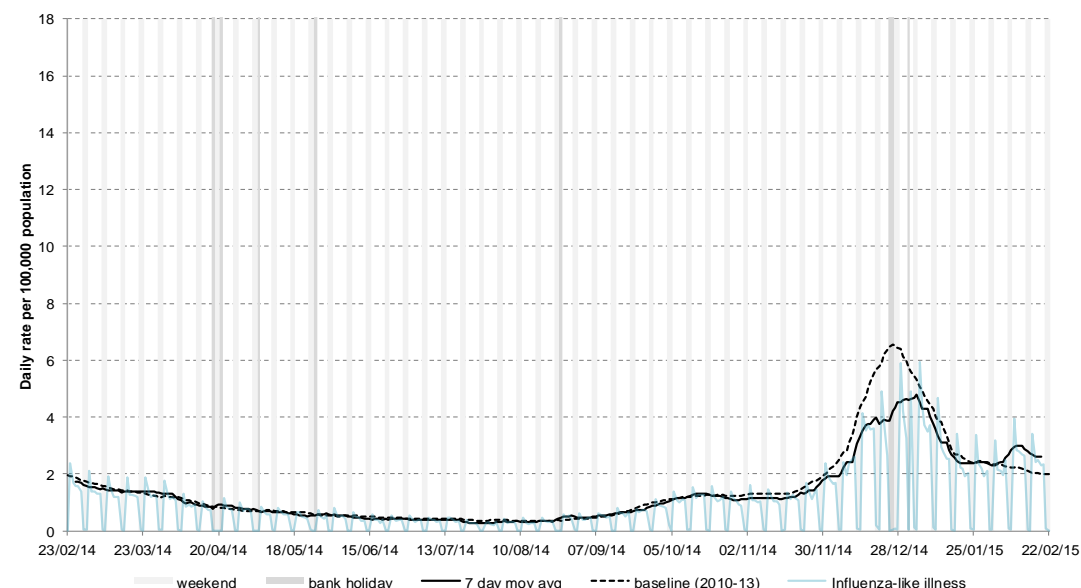

1a: Upper respiratory tract infection (URTI) by age

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

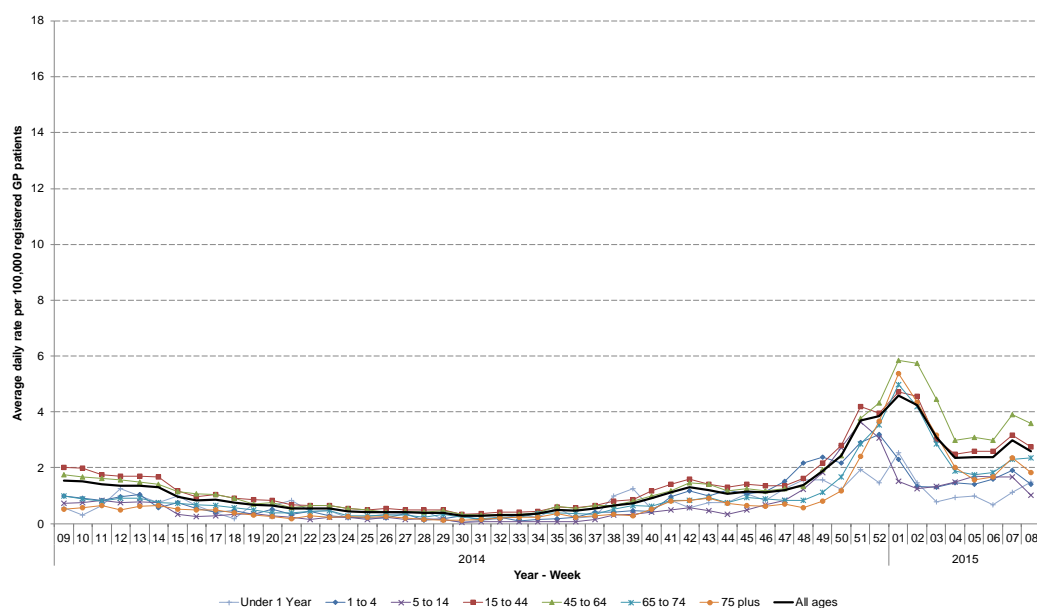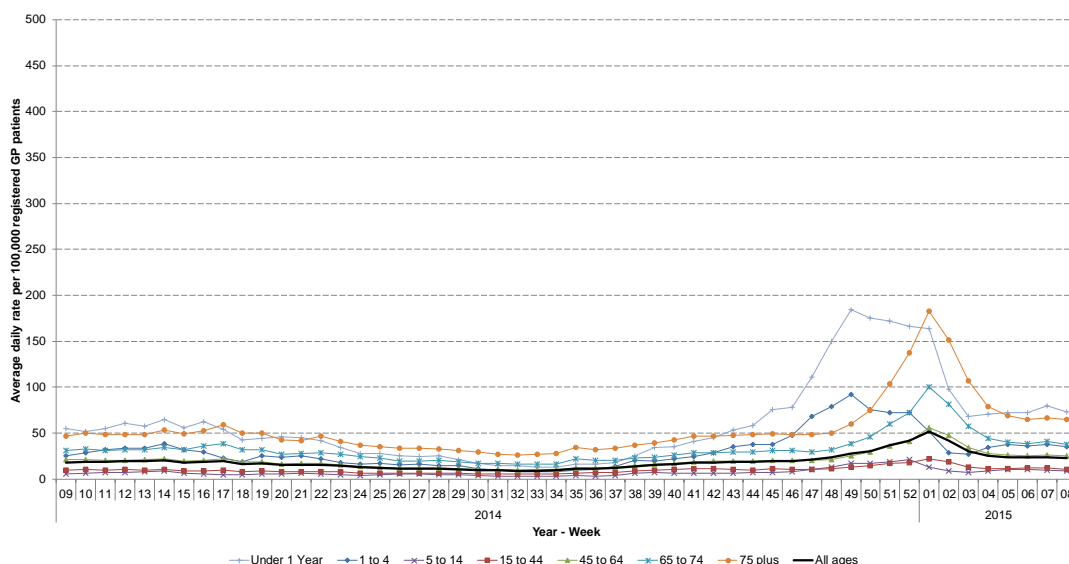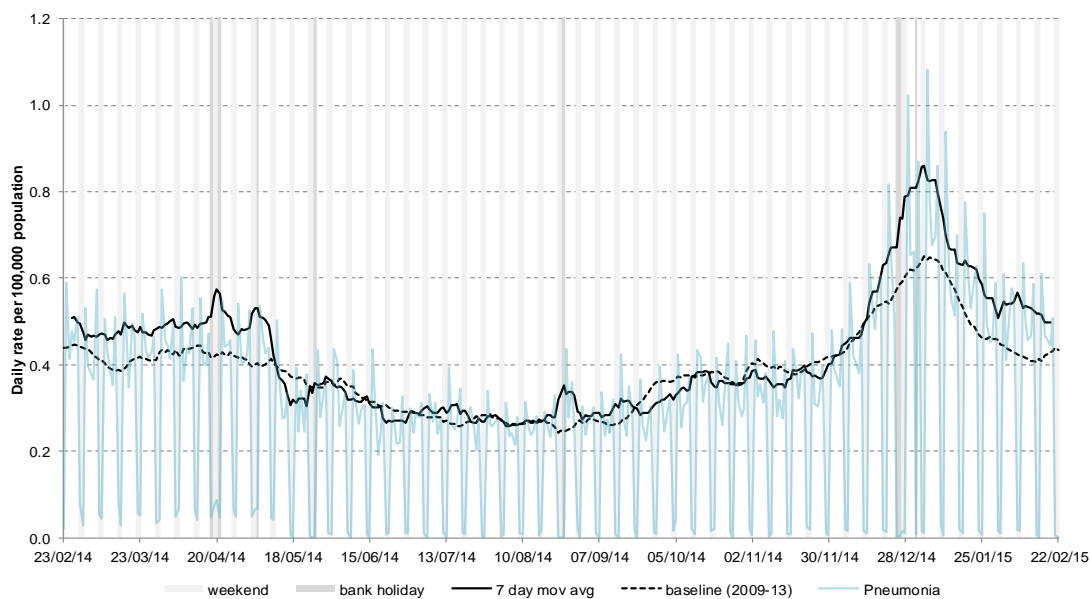## 2: Influenza-like illness (ILI)

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

* 7-day moving average adjusted for bank holidays.

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).
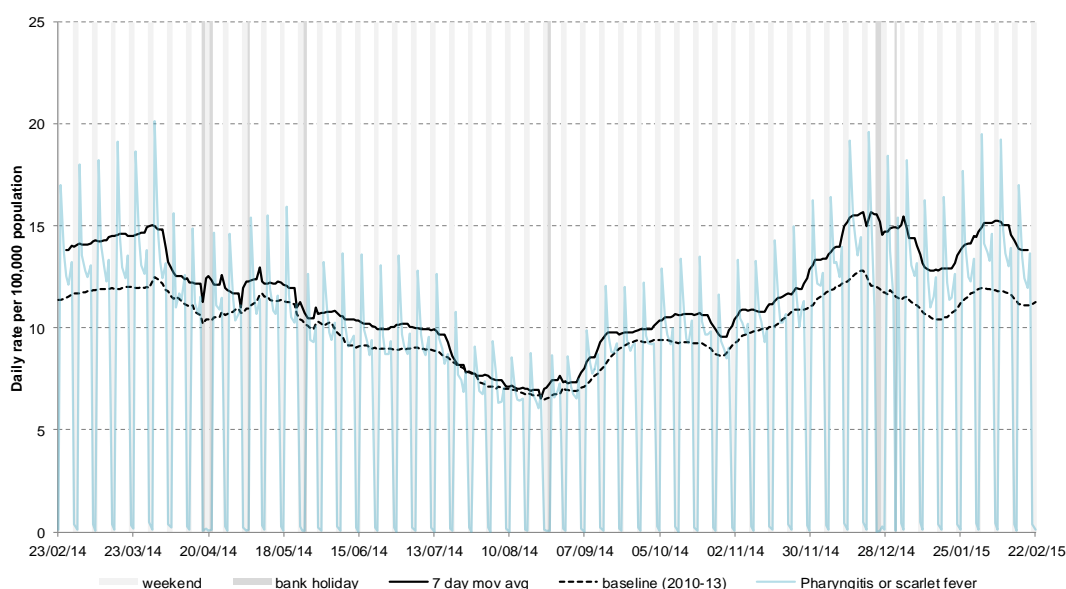
4: Scarlet fever

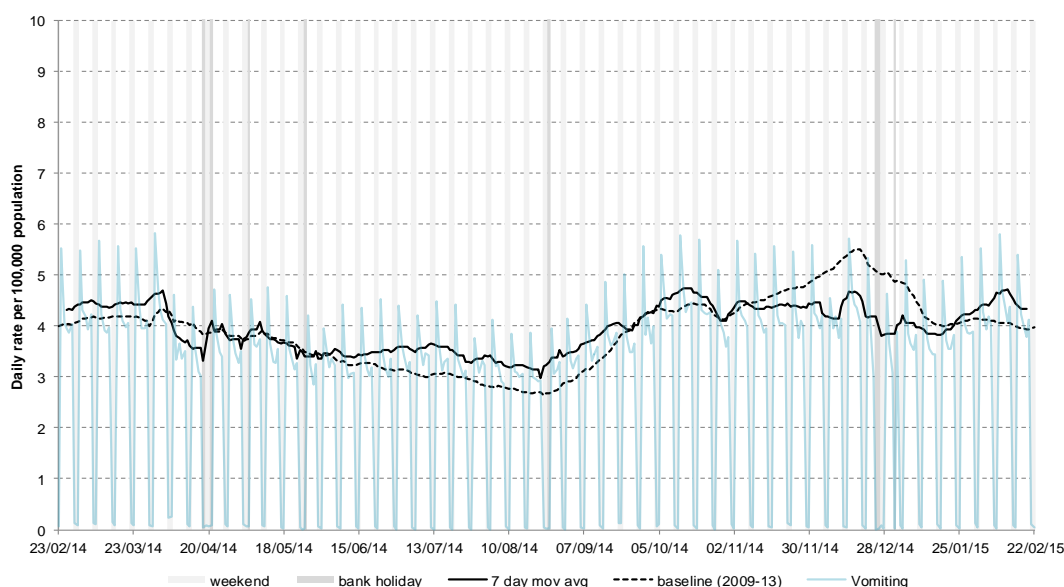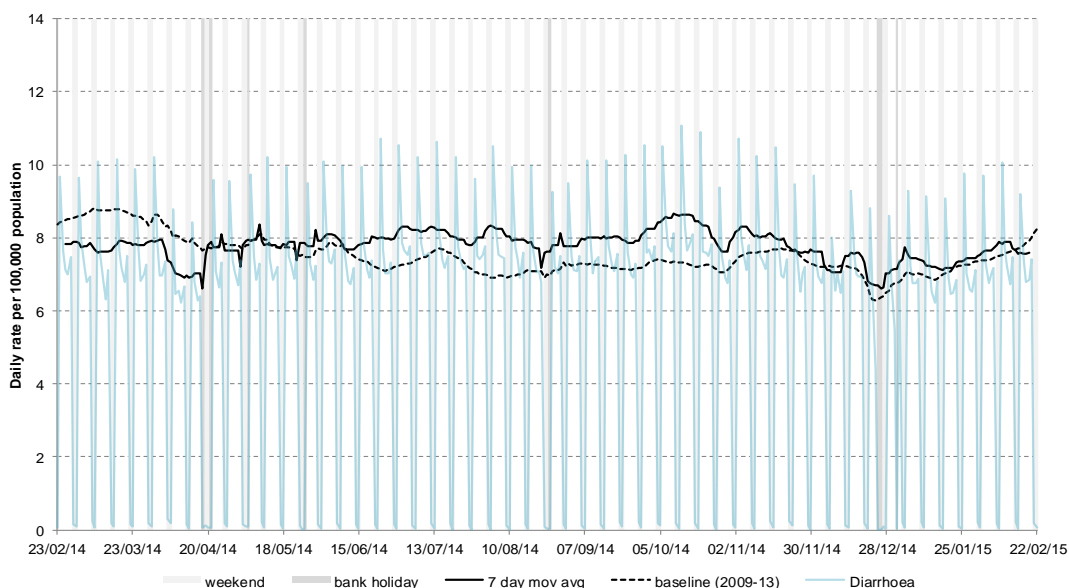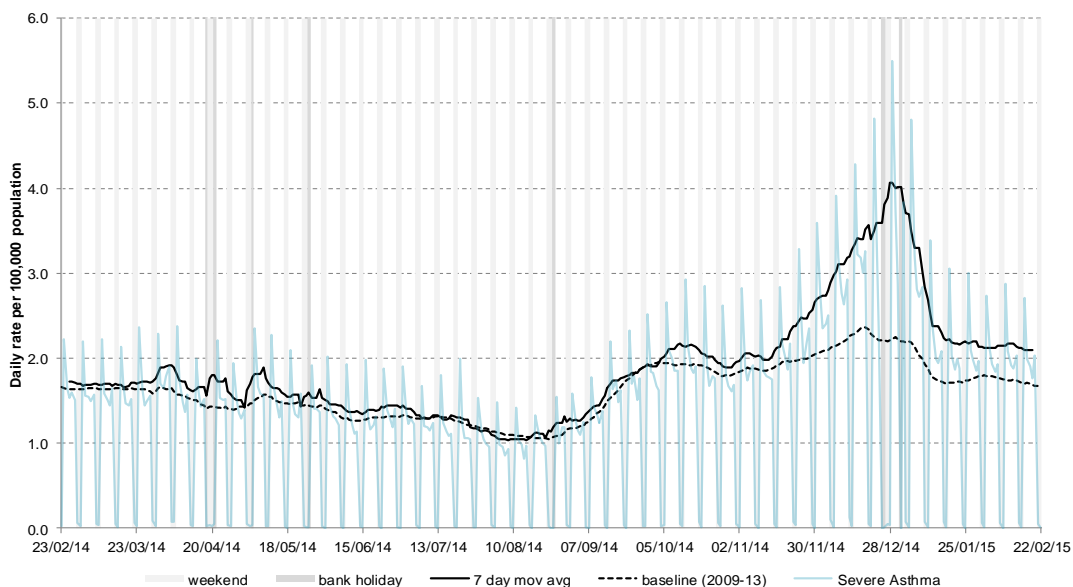Daily incidence rate (and 7-day moving average*) per 100,000 population (all England, all ages, based on a population denominator of approximately 5.5 million patients).

* 7-day moving average adjusted for bank holidays.

3
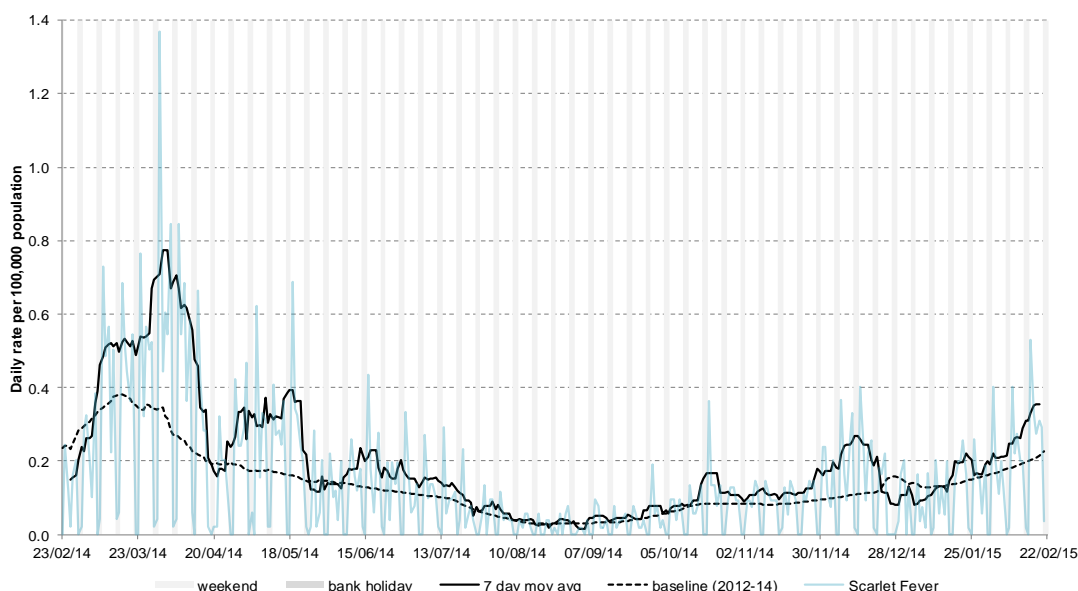
4a: Scarlet fever by age

Average daily incidence rate by week per 100,000 population (all England, based on a population denominator of approximately 5.5 million patients).
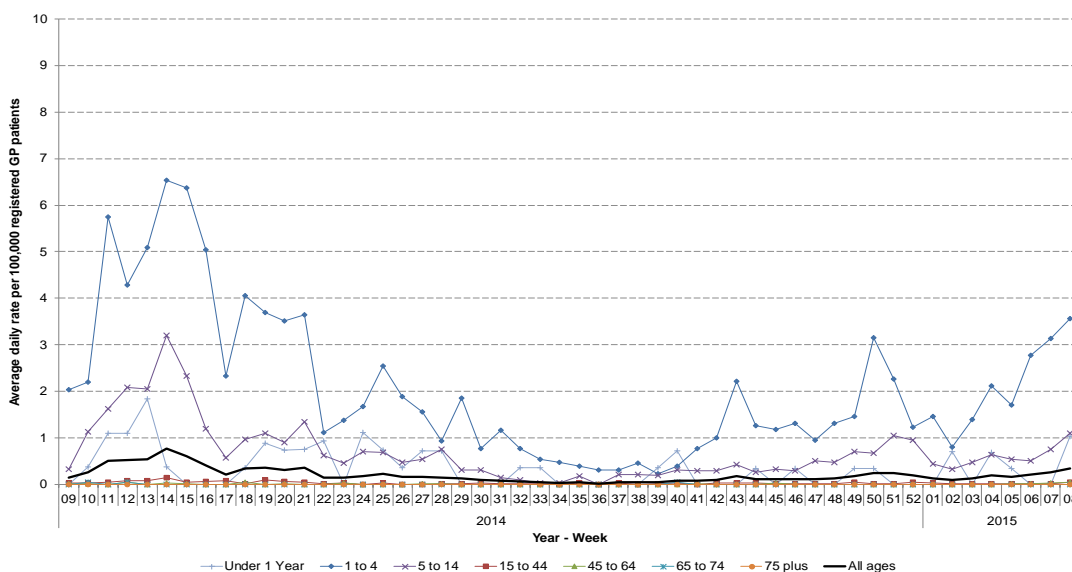
5: Lower respiratory tract infection (LRTI)

Daily incidence rate (and 7-day moving average*) per 100,000 population (all England, all ages).
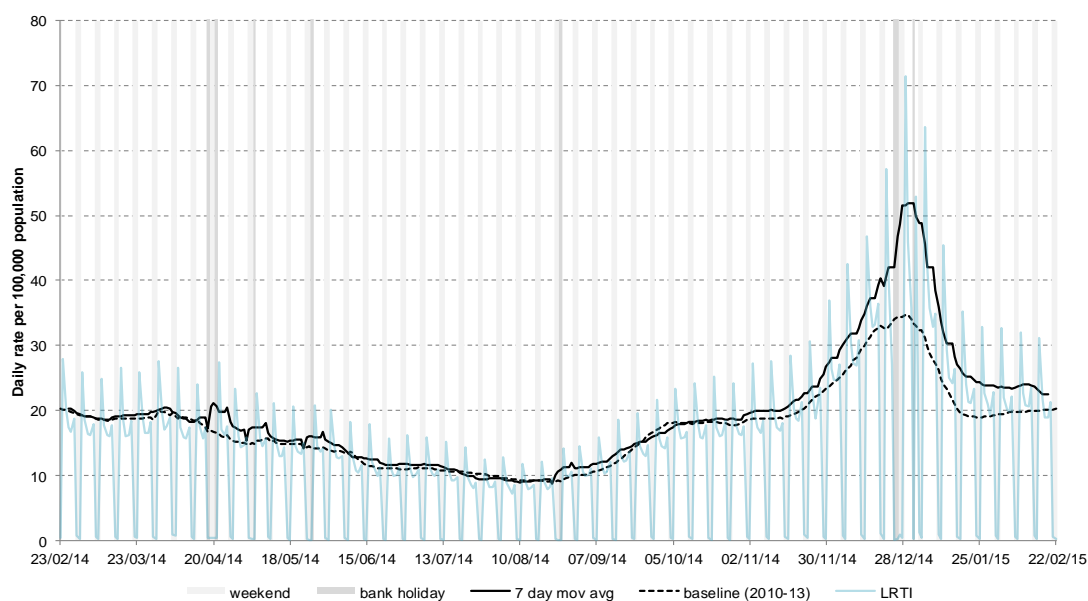
5a: Lower respiratory tract infection (LRTI) by age

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

* 7-day moving average adjusted for bank holidays.

4

6: Pneumonia

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

Legend: weekend | bank holiday | 7 day mov avg | baseline (2009-13) | Pneumonia

6a: Pneumonia by age

Average daily incidence rate by week per 100,000 population (all England)
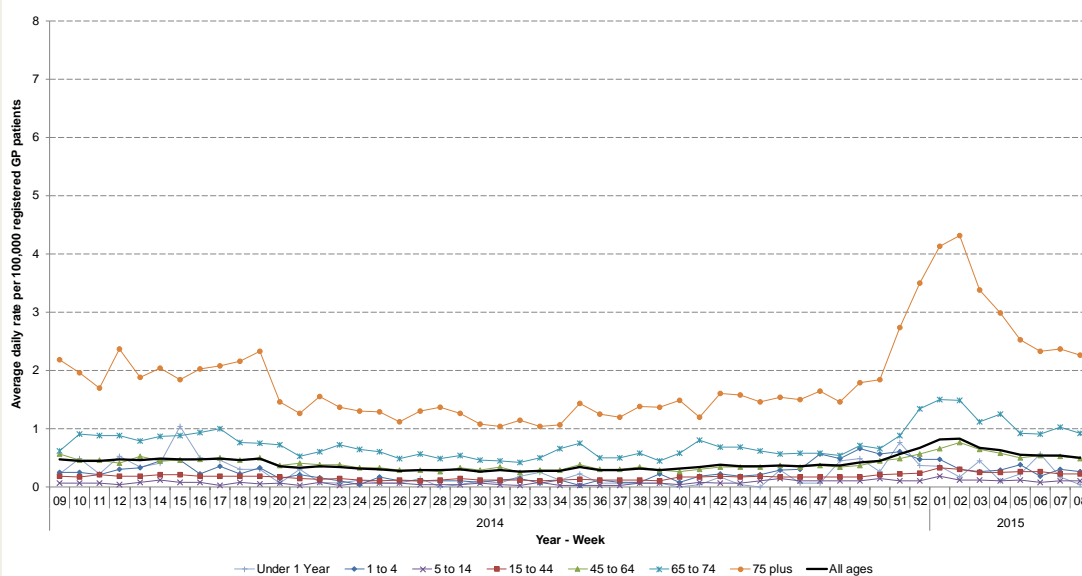
Legend: Under 1 Year | 1 to 4 | 5 to 14 | 15 to 44 | 45 to 64 | 65 to 74 | 75 plus | All ages

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* 7-day moving average adjusted for bank holidays.

5

7: Gastroenteritis

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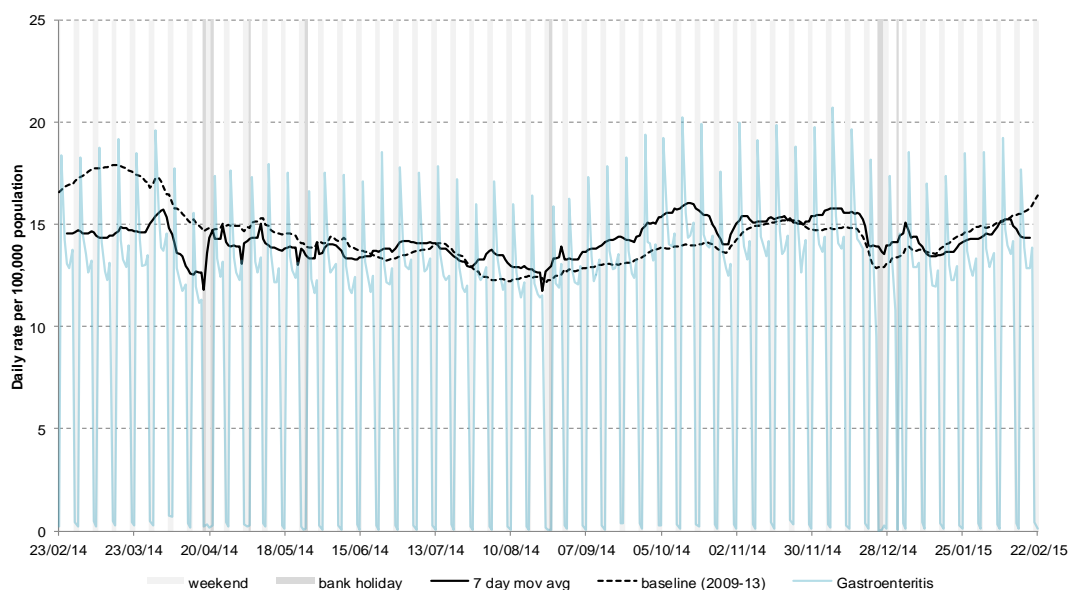
8: Vomiting

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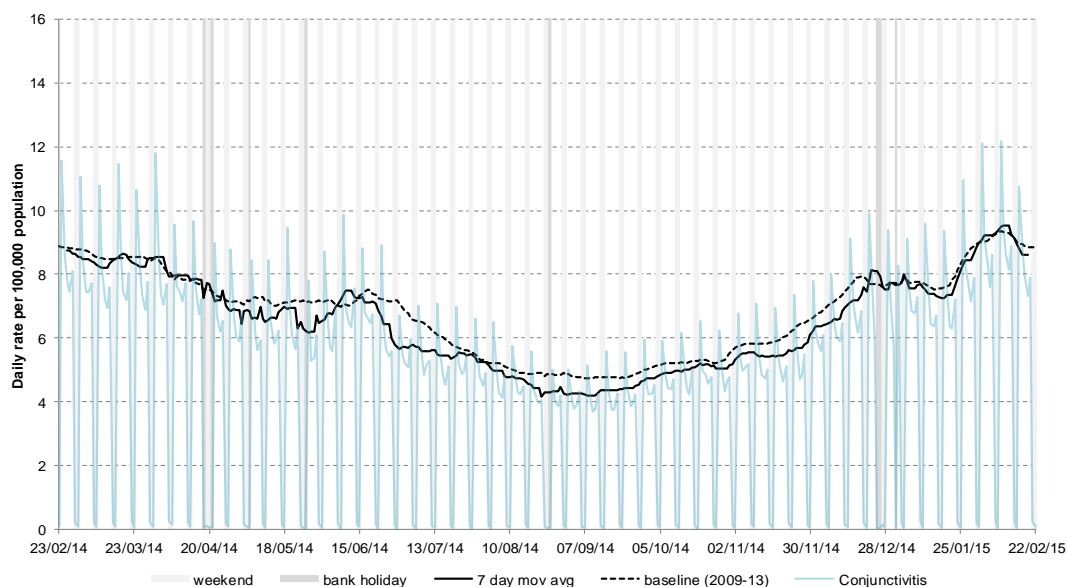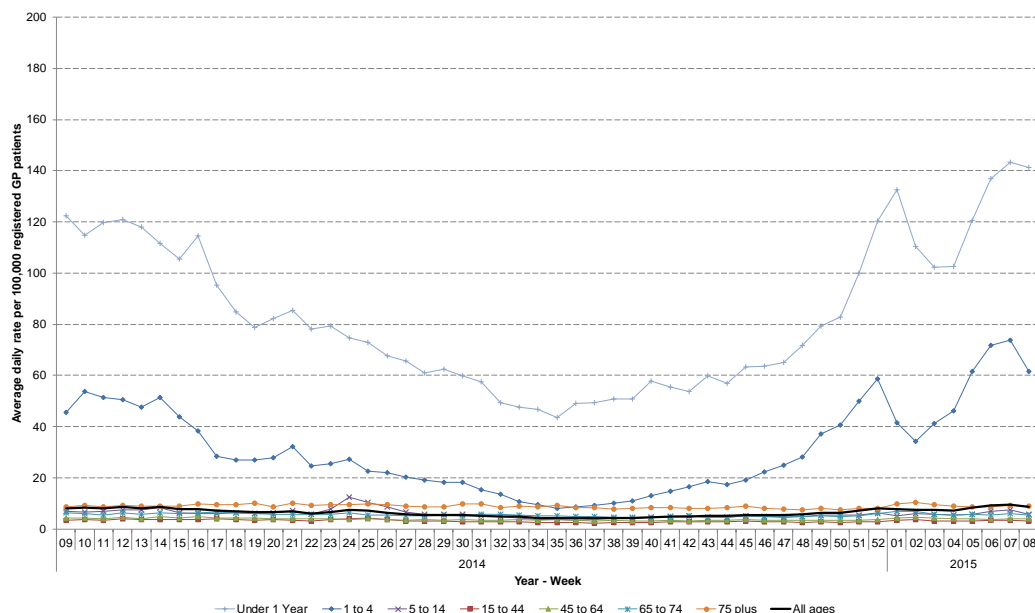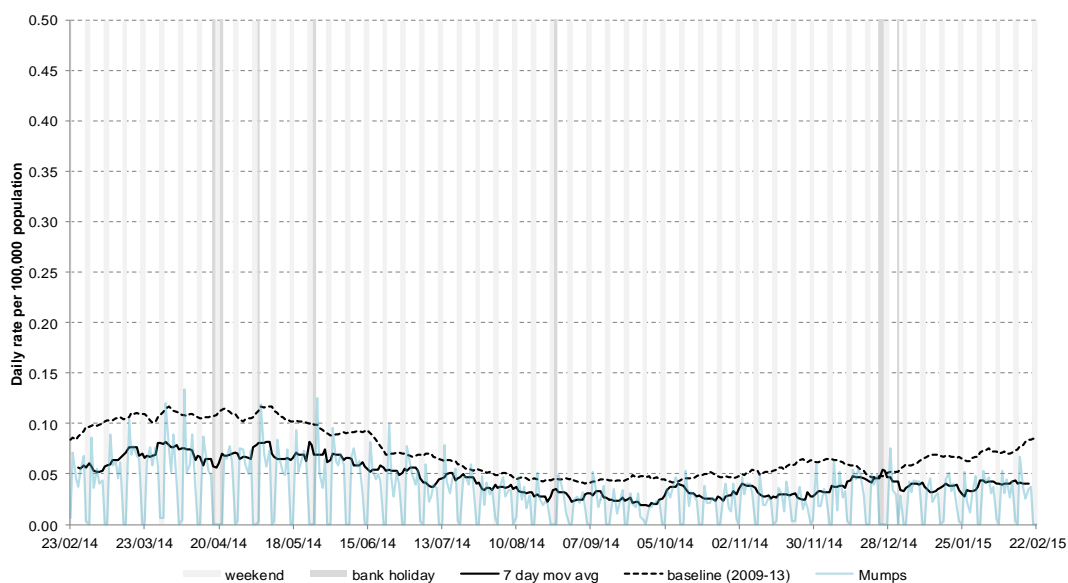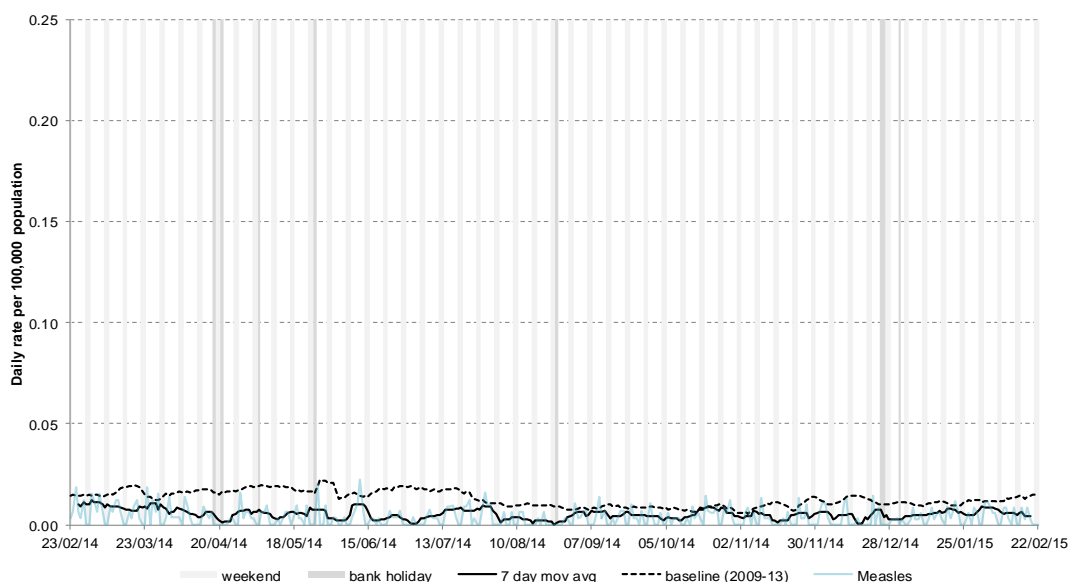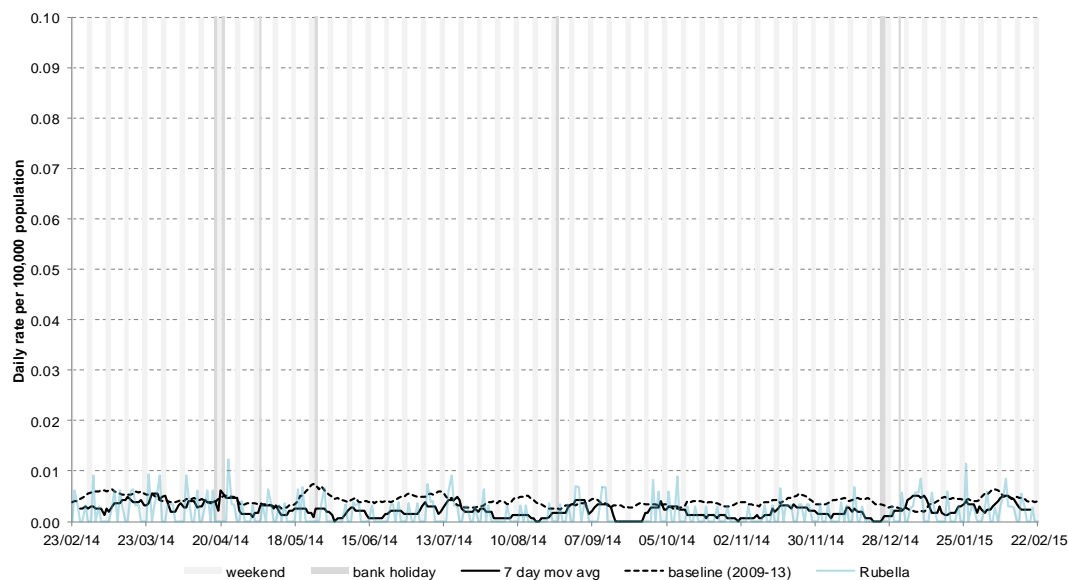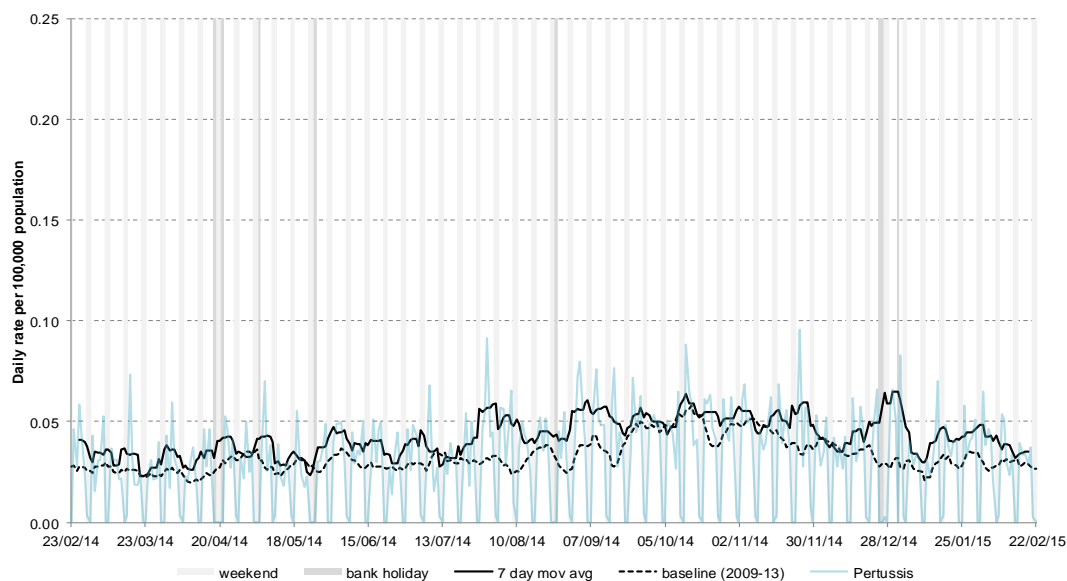
* 7-day moving average adjusted for bank holidays.

Public Health
England

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)
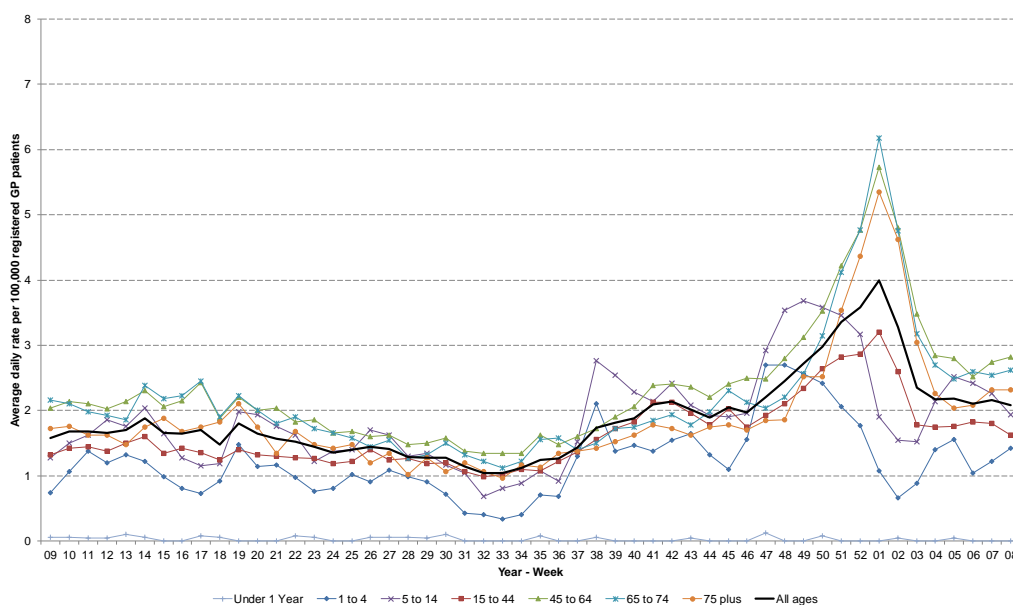
11: Wheeze

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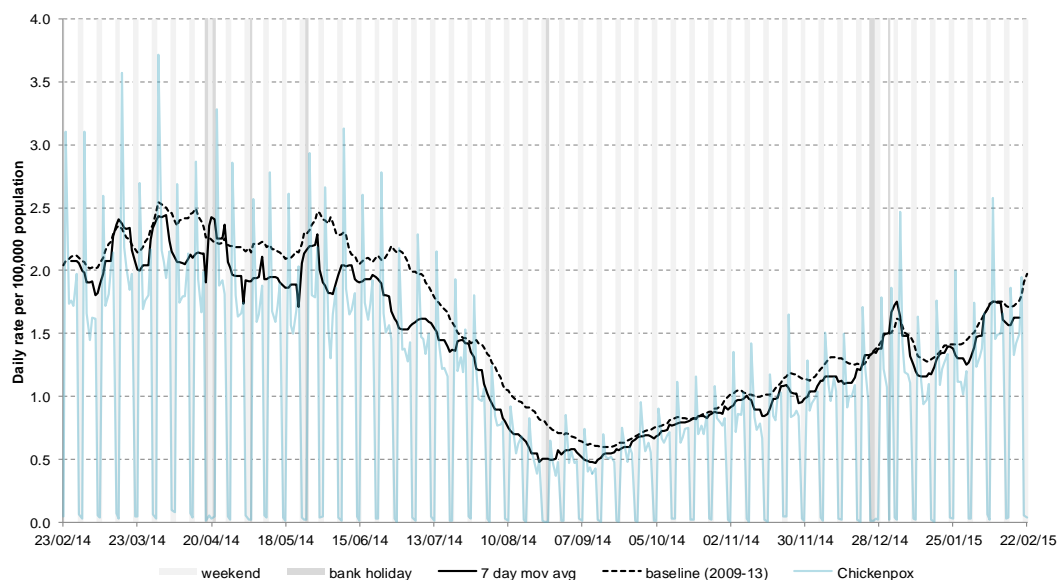all ages).

* 7-day moving average
adjusted for bank
holidays.

7
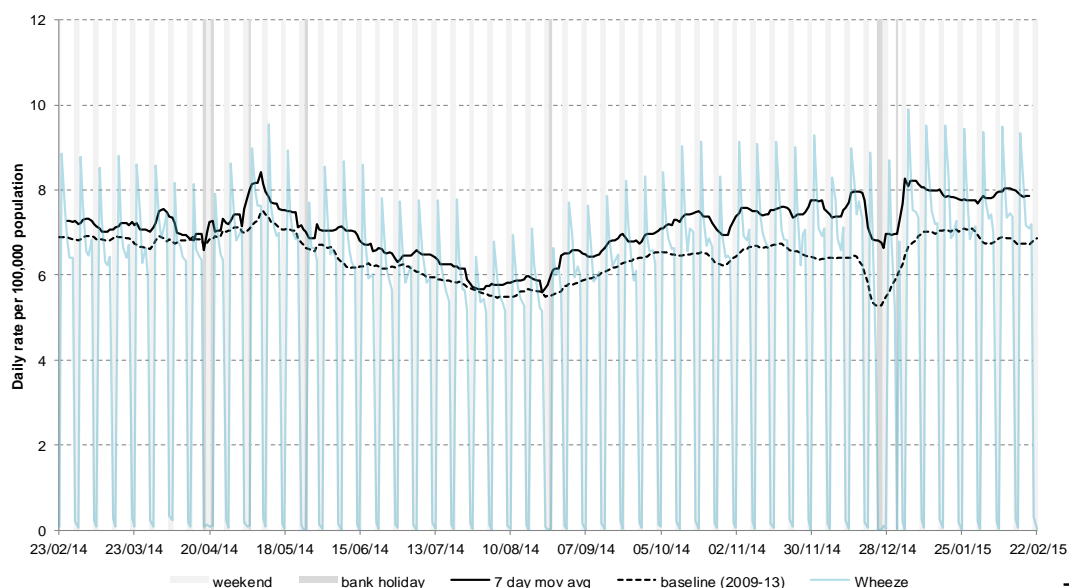
12: Allergic rhinitis

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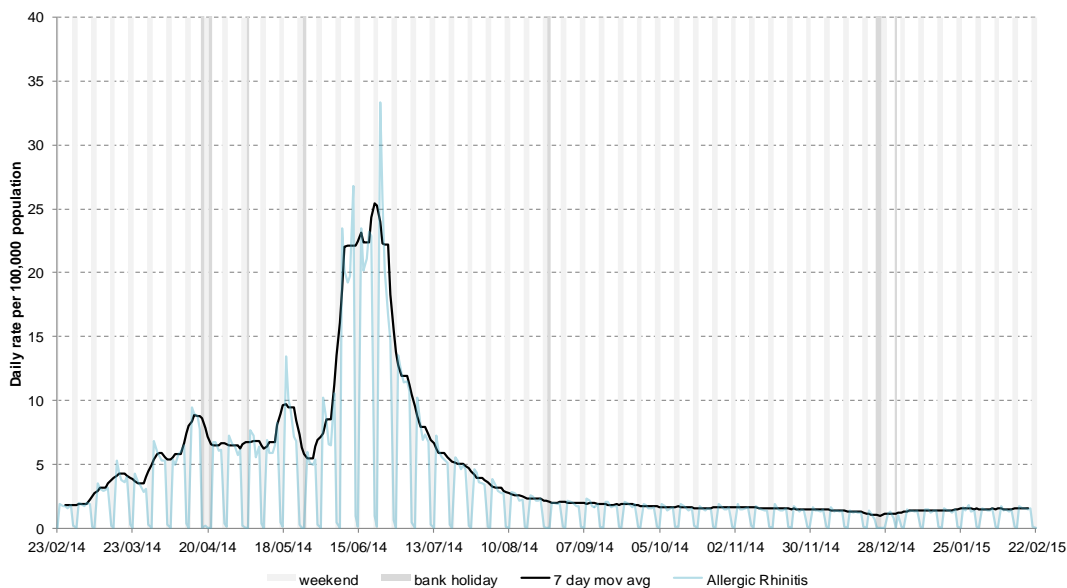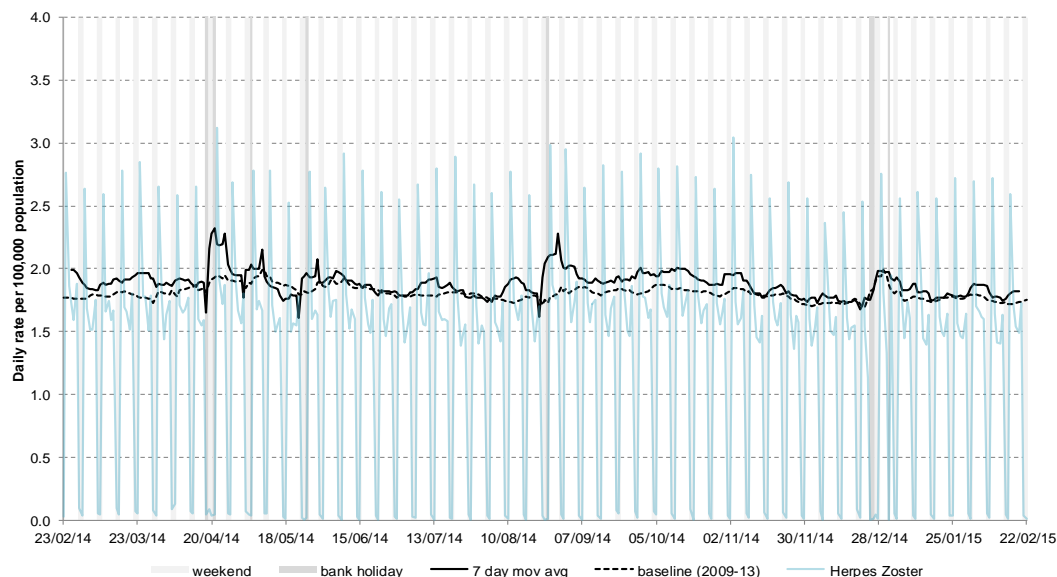

13: Conjunctivitis

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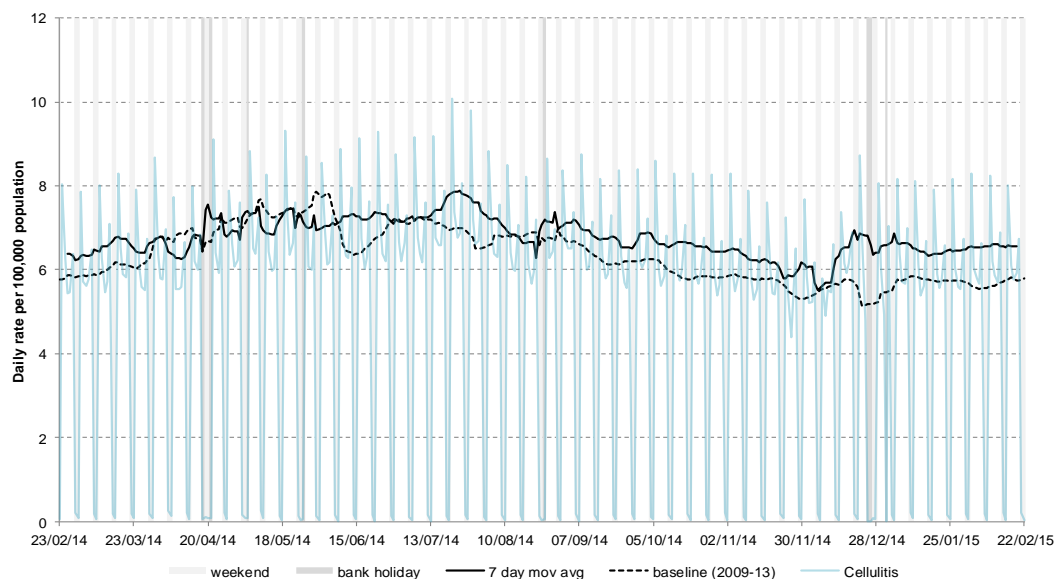

13a: Conjunctivitis by age group

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

* 7-day moving average adjusted for bank holidays.

8

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).

* 7-day moving average adjusted for bank holidays.

9

Public Health England

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.

10

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).
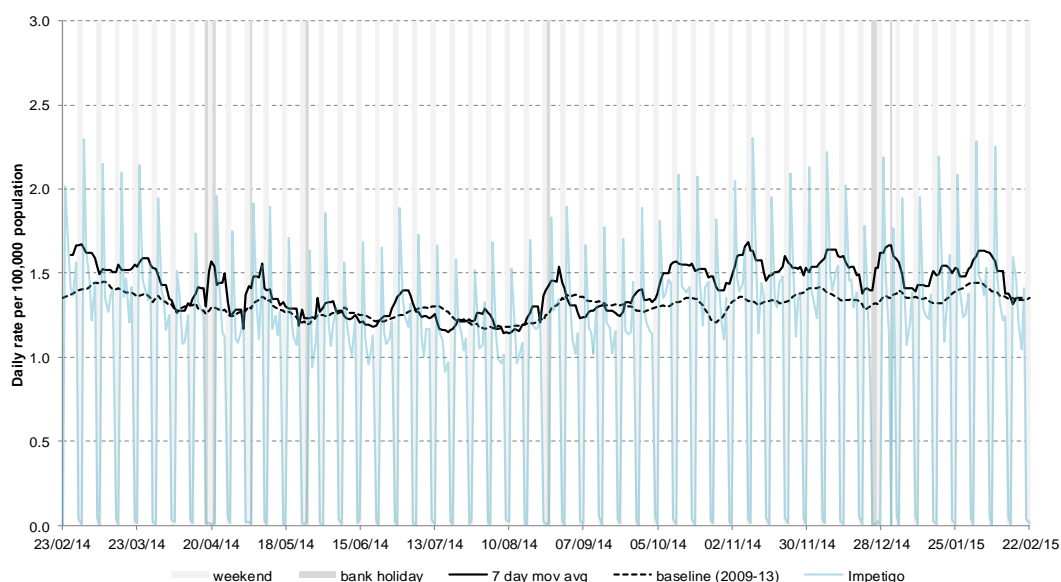
22: Intentionally left blank

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* 7-day moving average adjusted for bank holidays.

Public Health England

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 supressed 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 SystmOne GP practices contributing to this surveillance system.

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

England
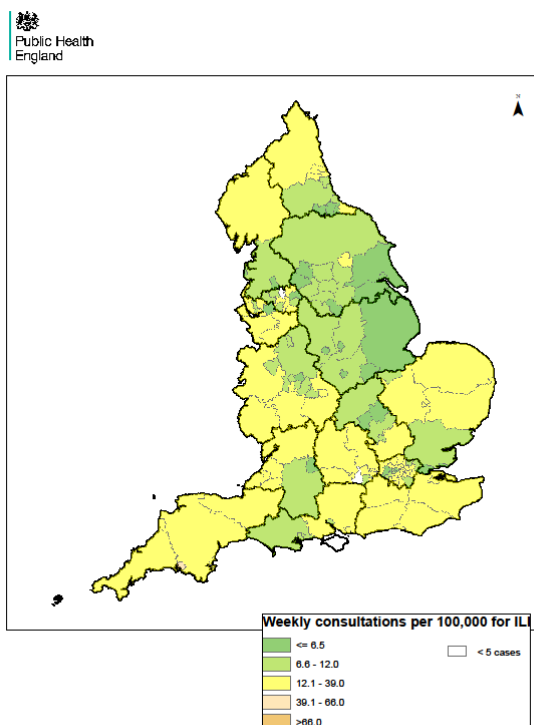
Weekly ILI consultation rate by LA for England

Week 5

Week 6

Week 7

Week 8

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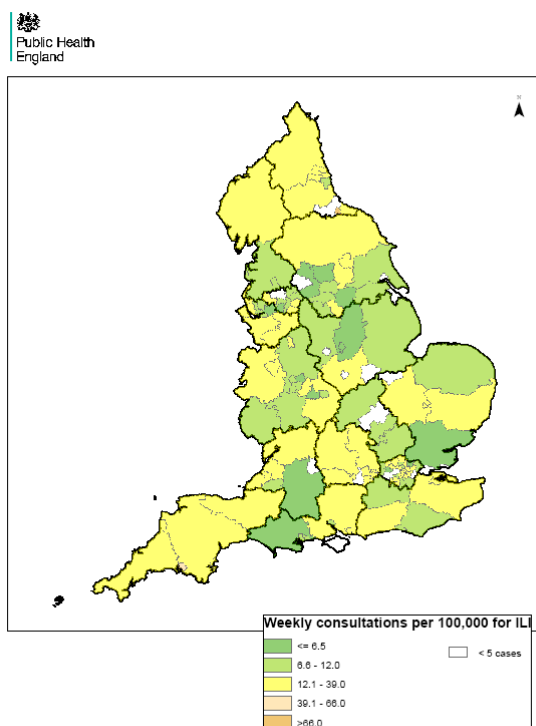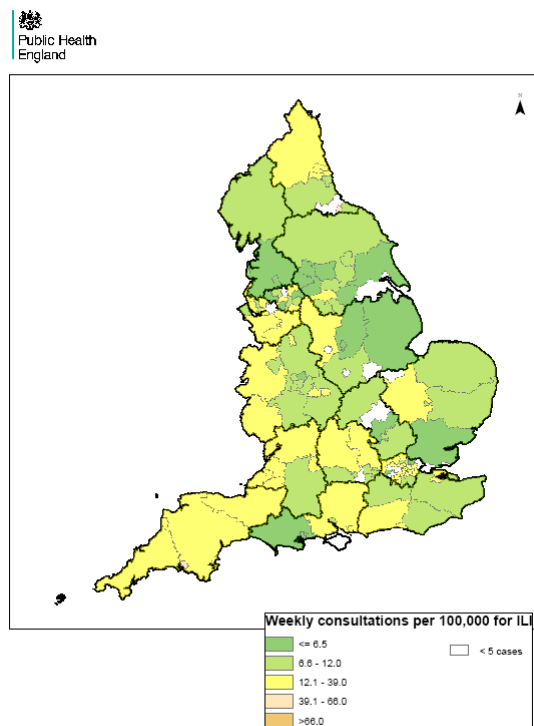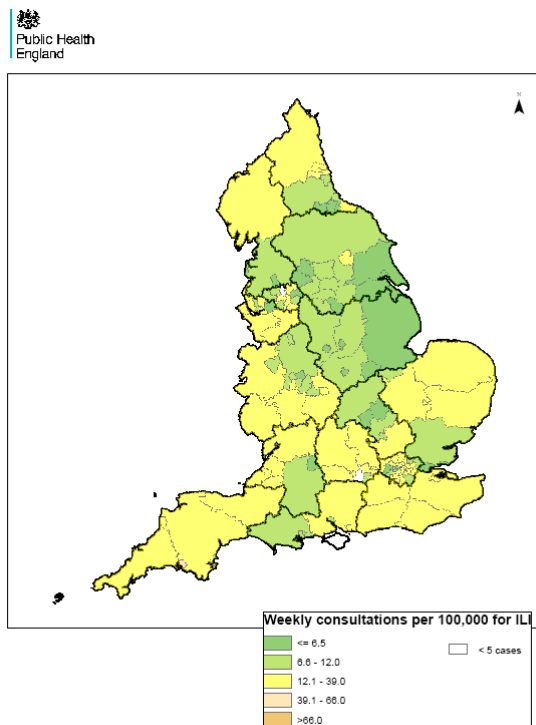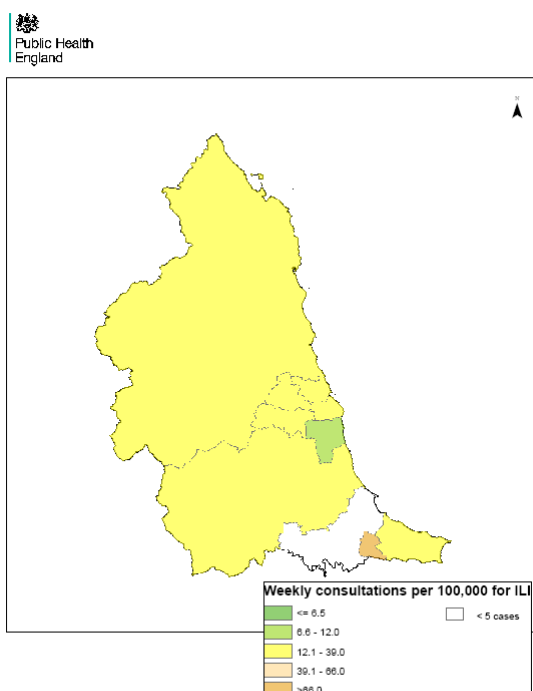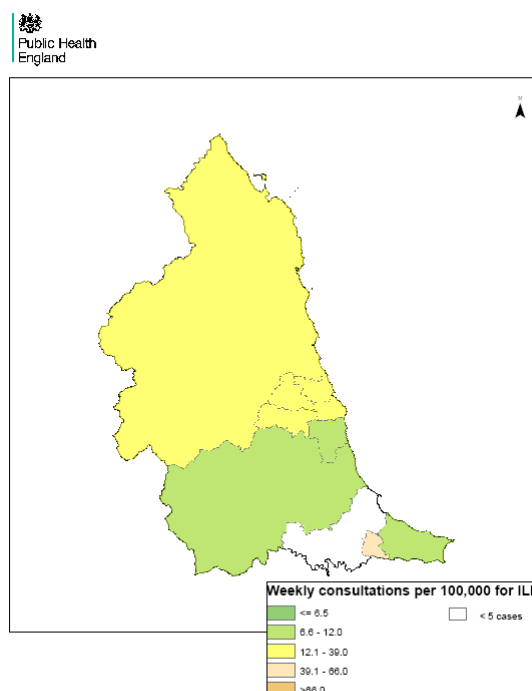
North East

Weekly ILI consultation rate by LA for North East PHE Centre

Week 5

Week 6

Week 7

Week 8

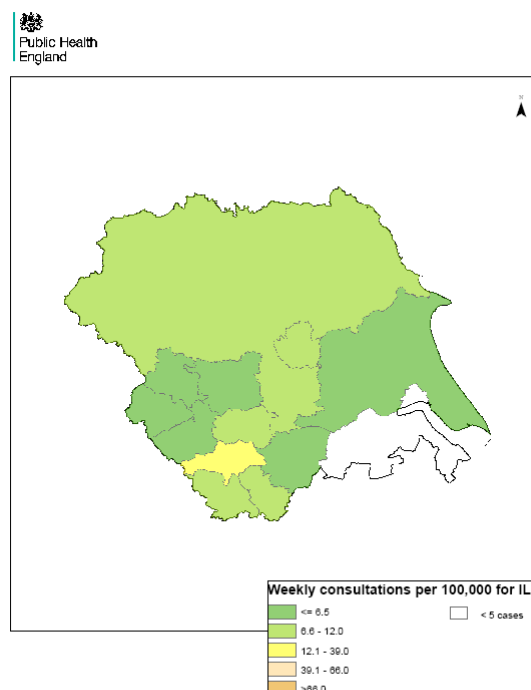Contains Ordnance Survey data ©Crown copyright and database right 2014. Contains National Statistics data ©Crown copyright and database right 2014.

Public Health England
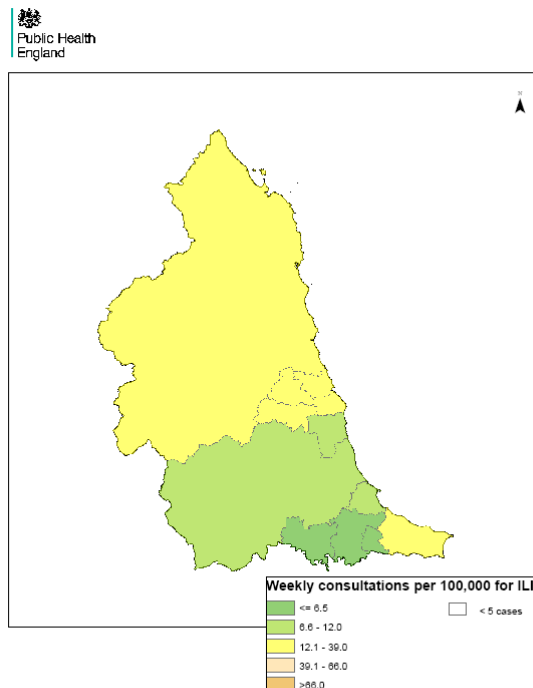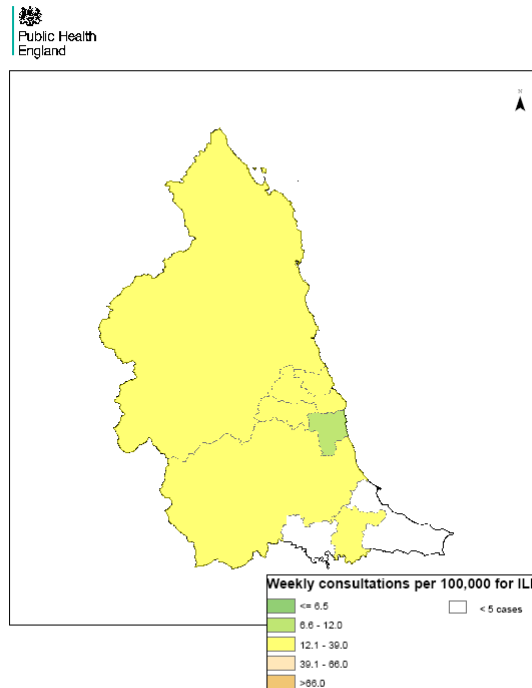
Yorkshire & Humber

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

Week 5

Week 6

Week 7

Week 8

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GP In Hours Appendix
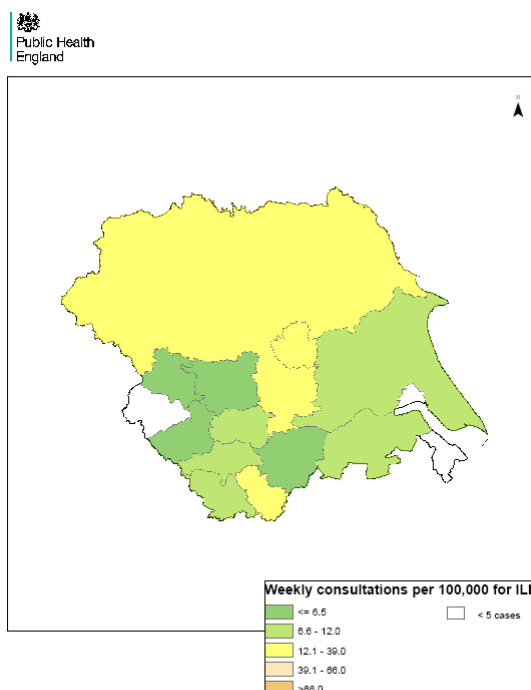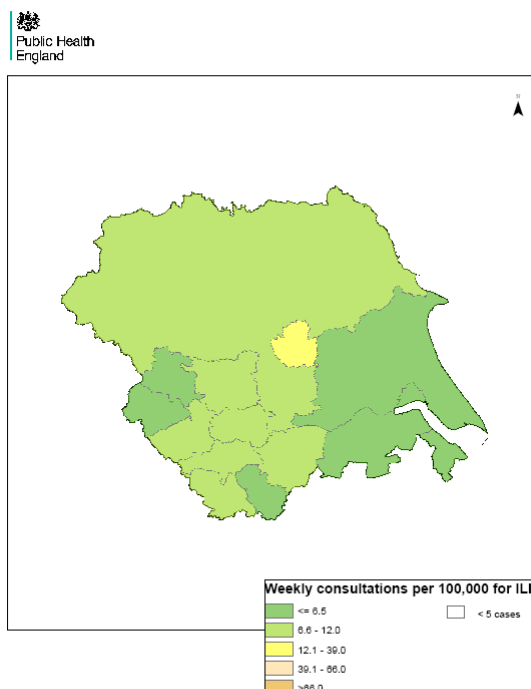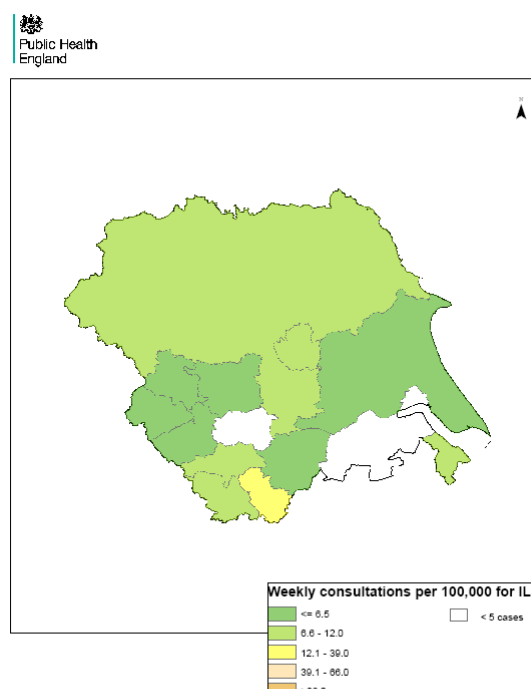
Cheshire & Merseyside

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

Week 5

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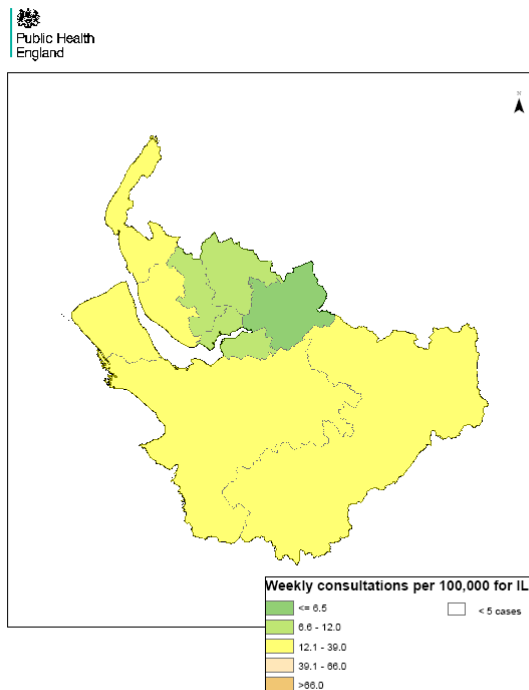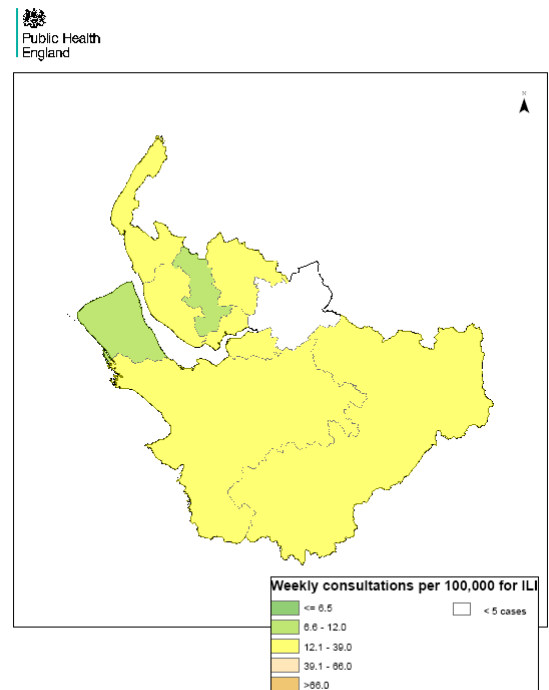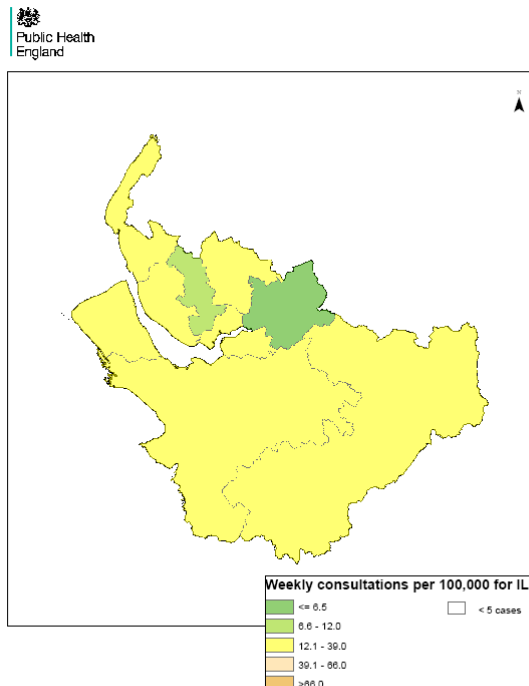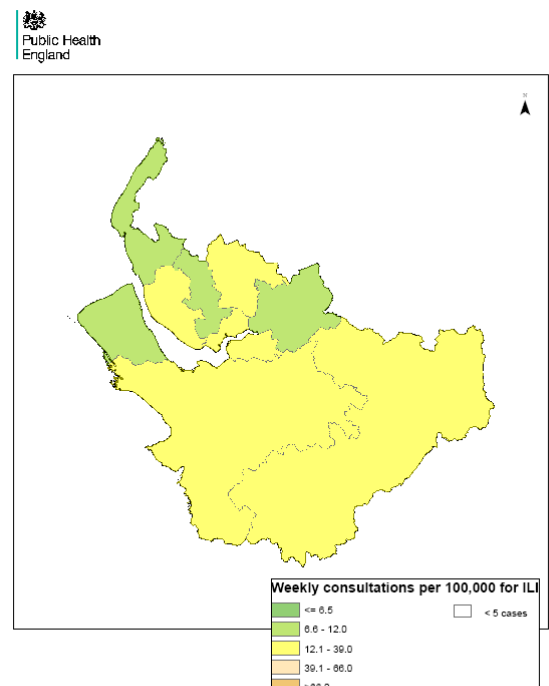
Cumbria & Lancashire

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

Week 5

Week 6

Week 7

Week 8

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Public Health
England
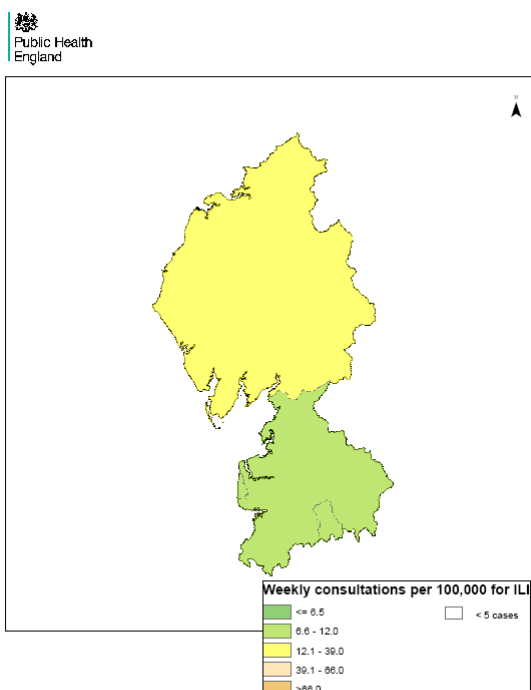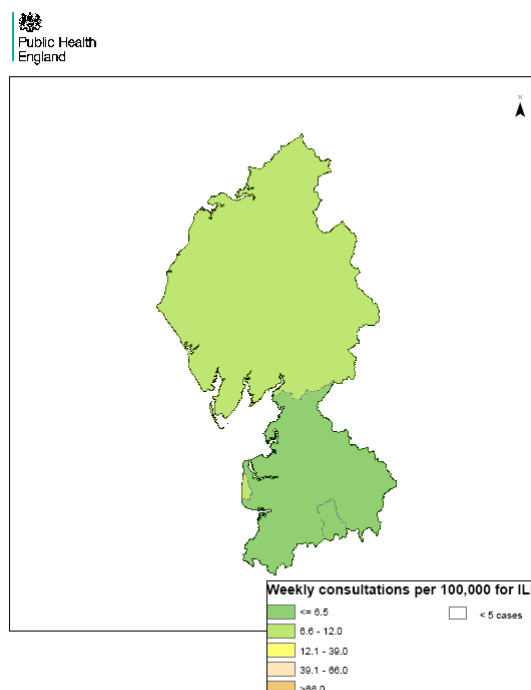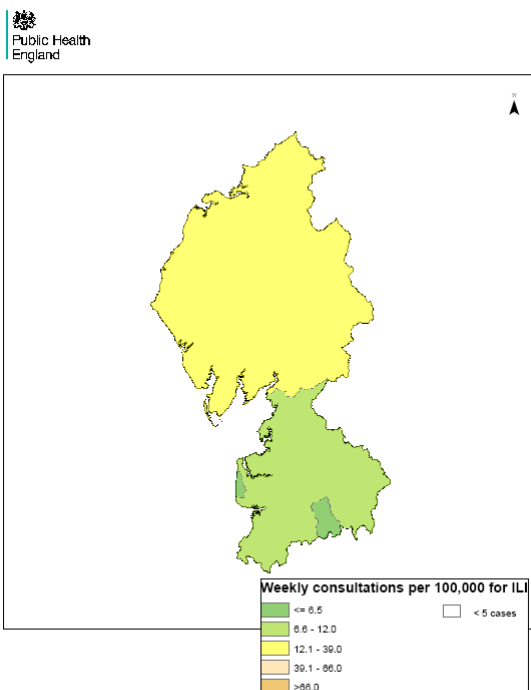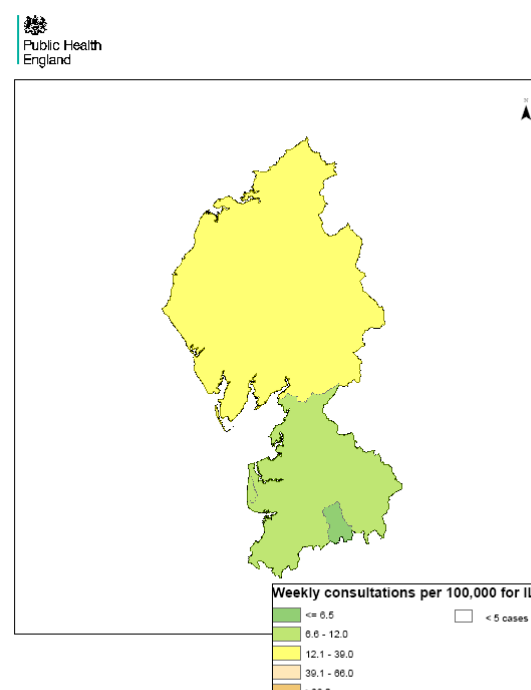
Greater Manchester

Weekly ILI consultation rate by LA for Greater Manchester PHE Centre

Week 5

Week 6

Week 7

Week 8

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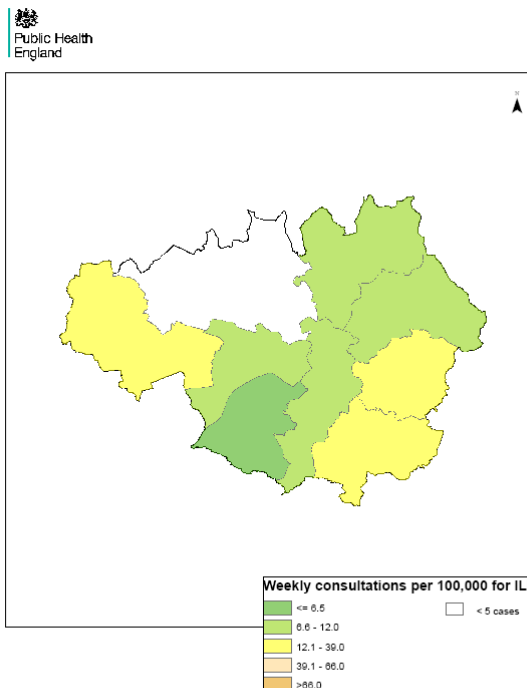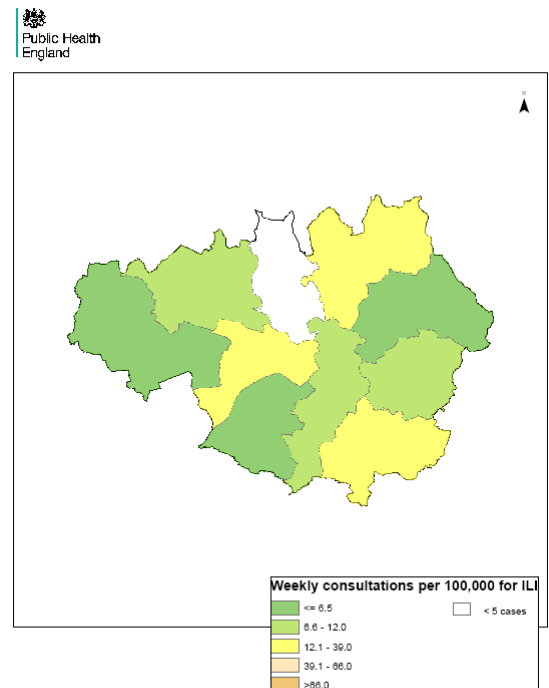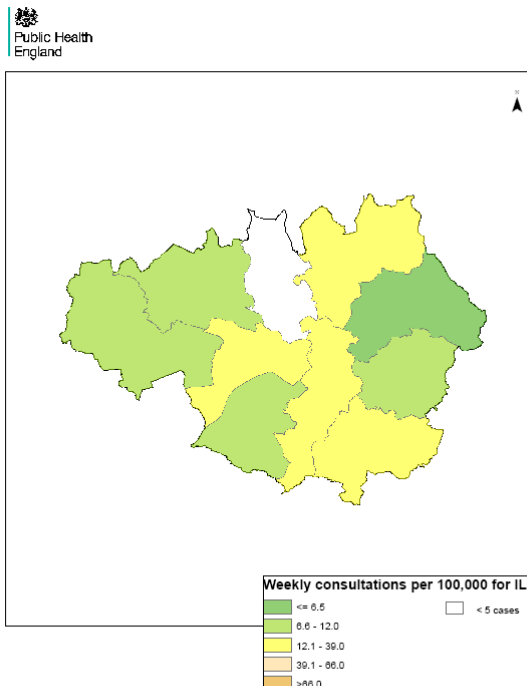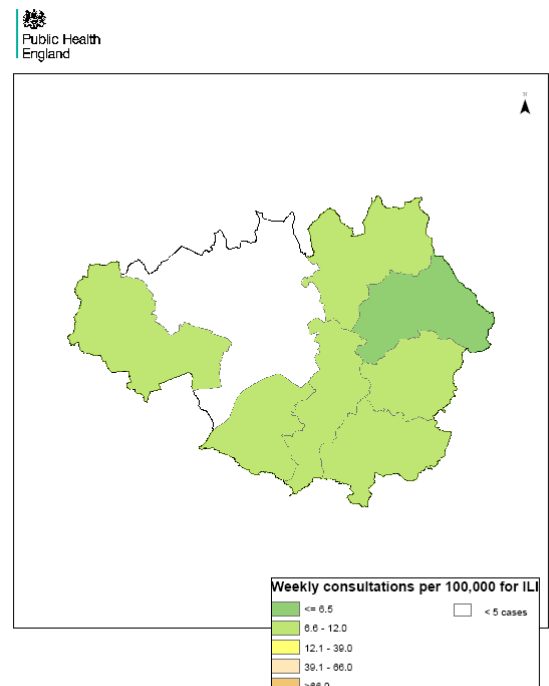
South Midlands & Hertfordshire

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

Week 5

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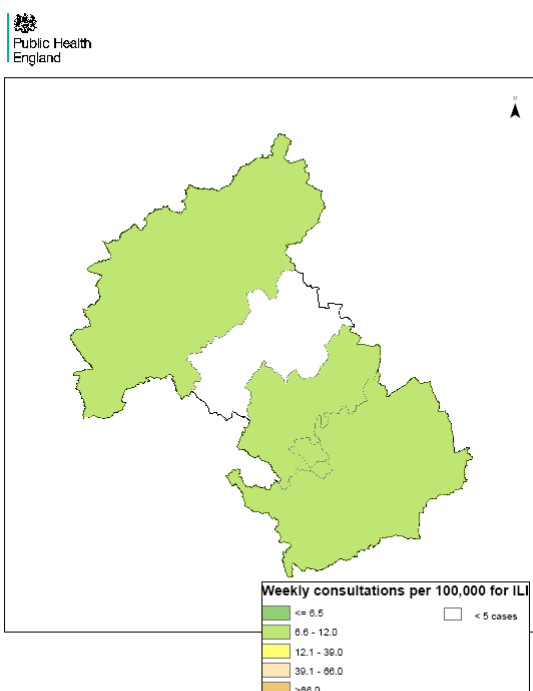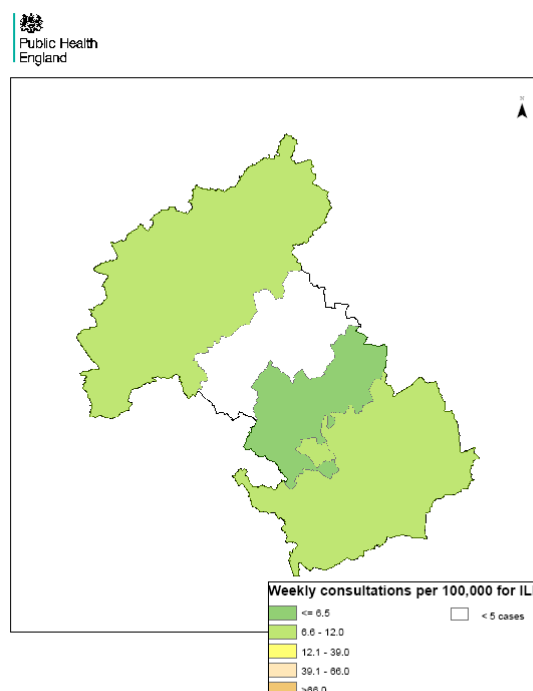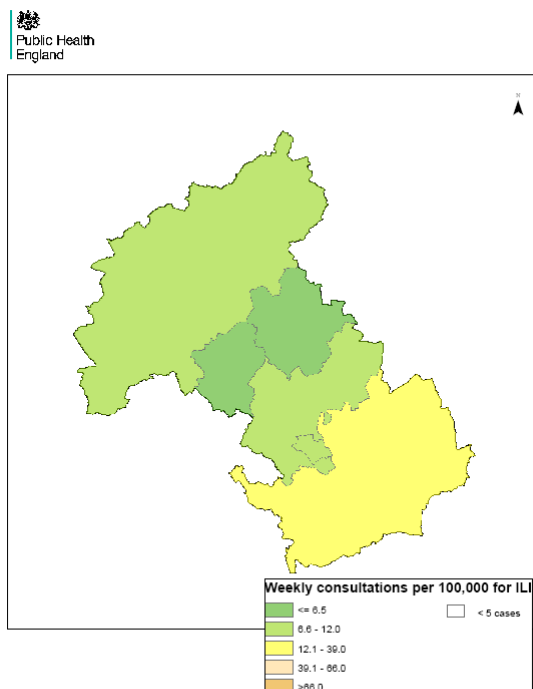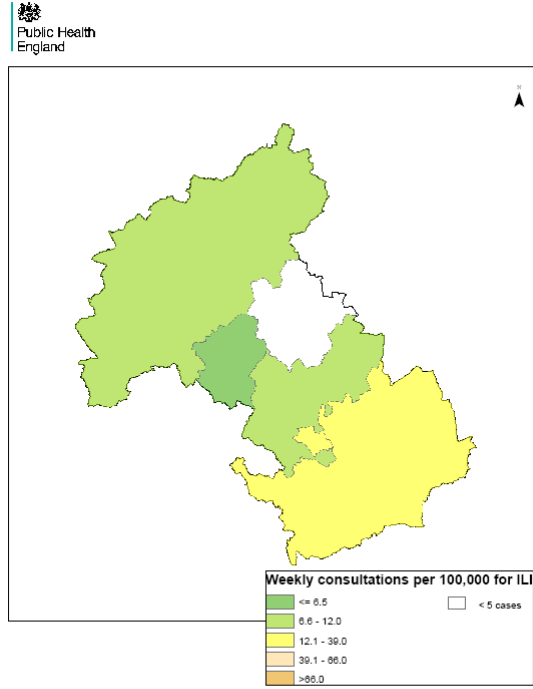
East Midlands

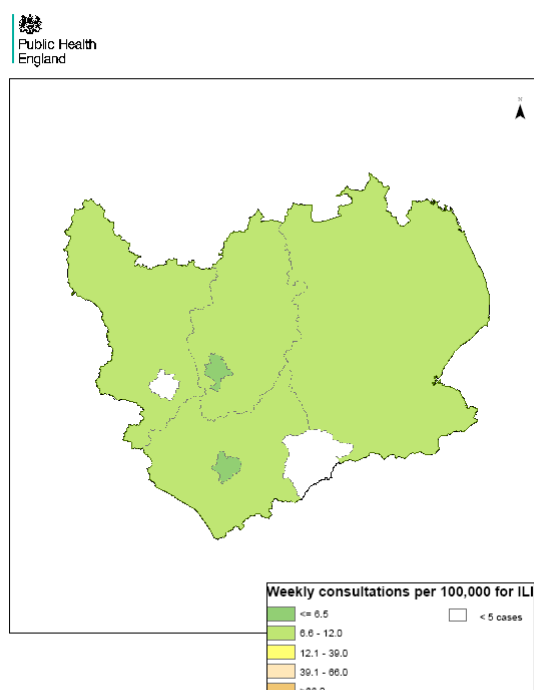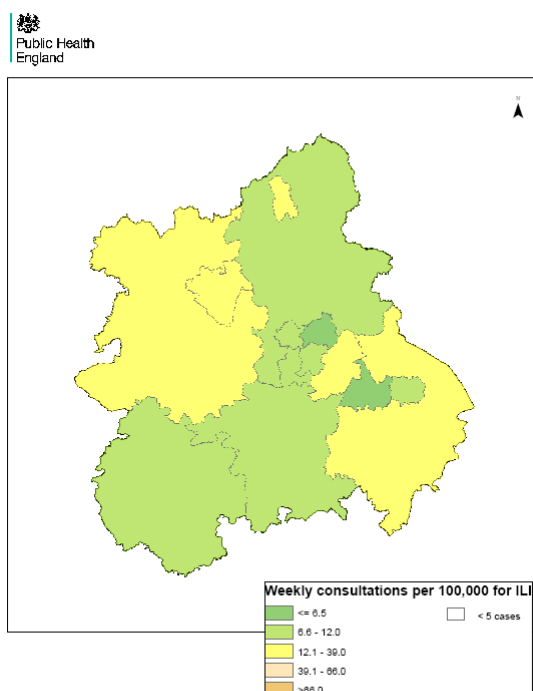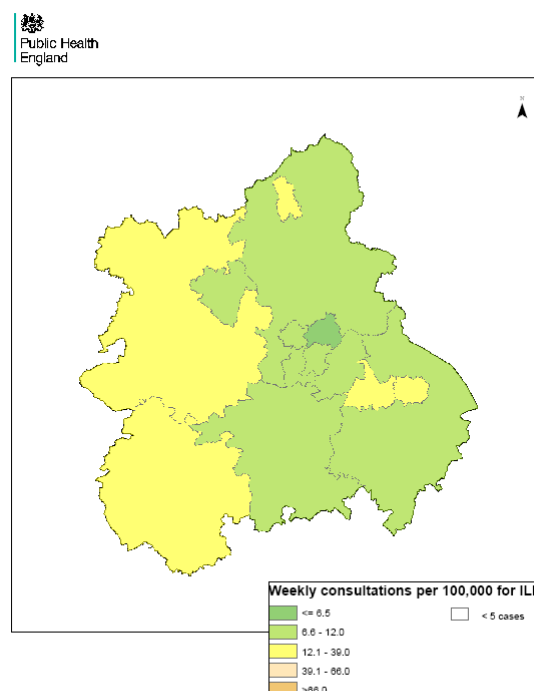Weekly ILI consultation rate by LA for East Midlands PHE Centre

Week 5

Week 6

Week 7

Week 8

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Public Health England
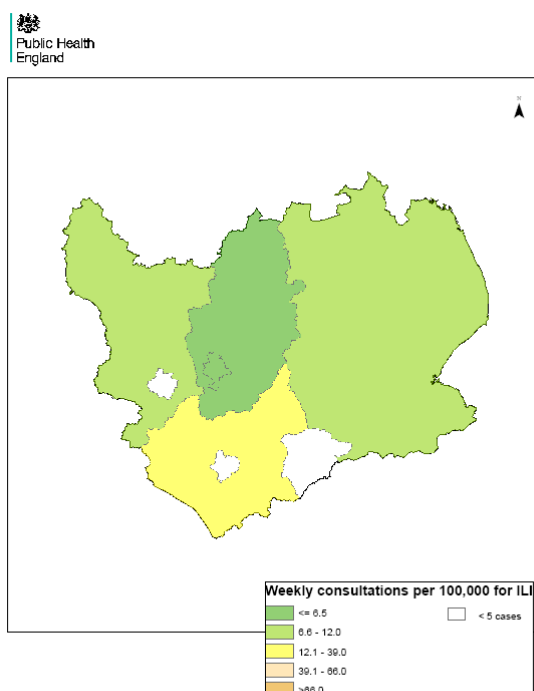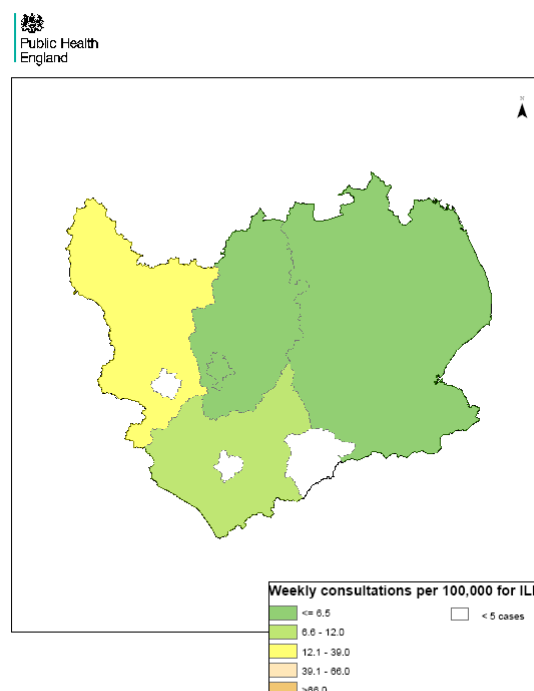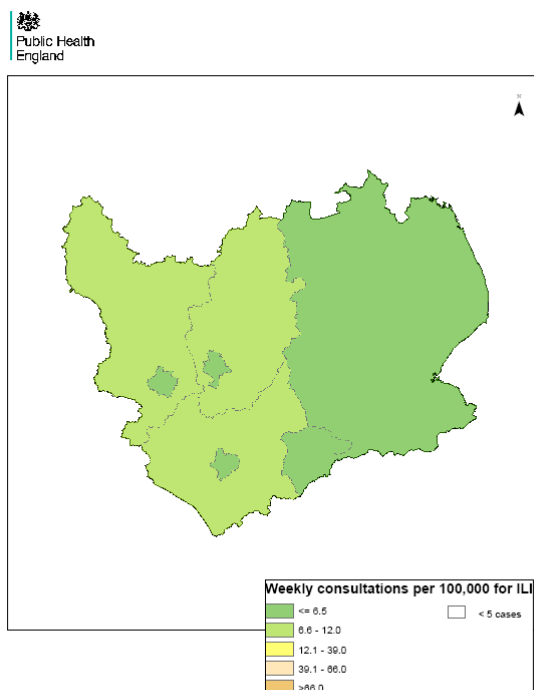
West Midlands

Weekly ILI consultation rate by LA for West Midlands PHE Centre

Week 5

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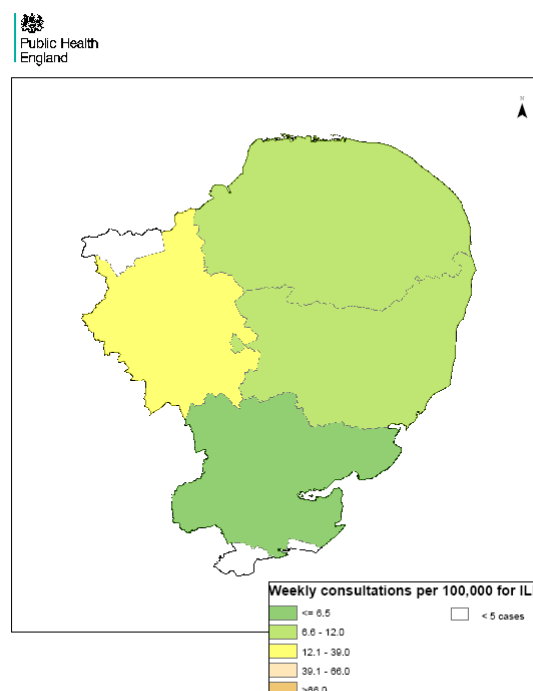
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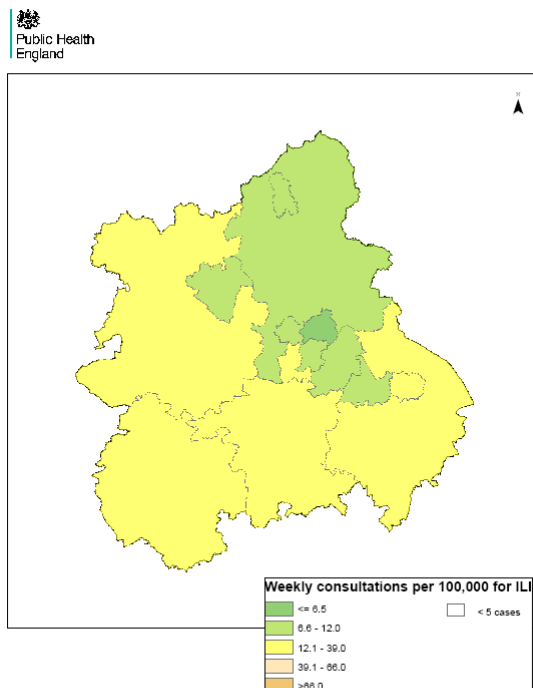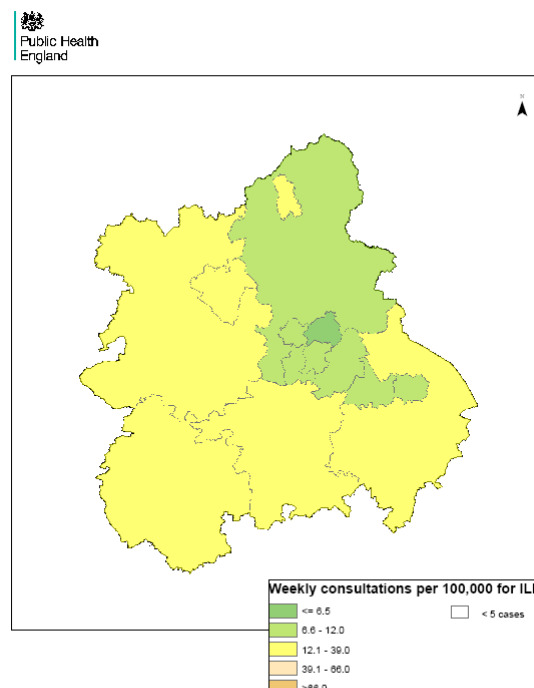
Anglia & Essex

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

Week 5

Week 6

Week 7

Week 8

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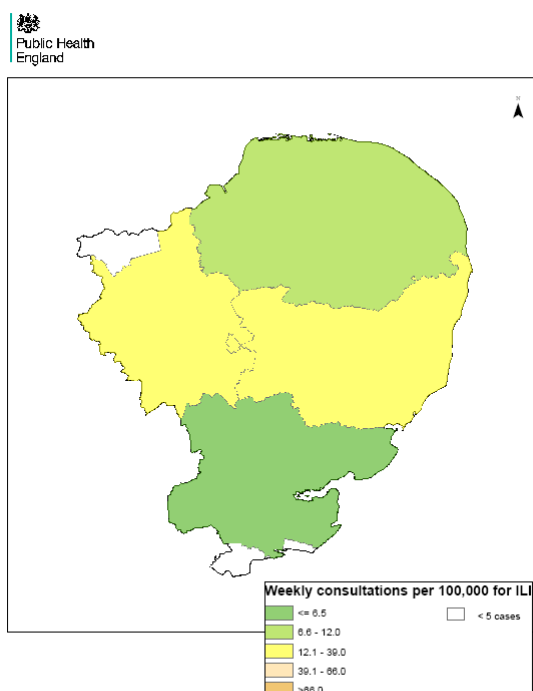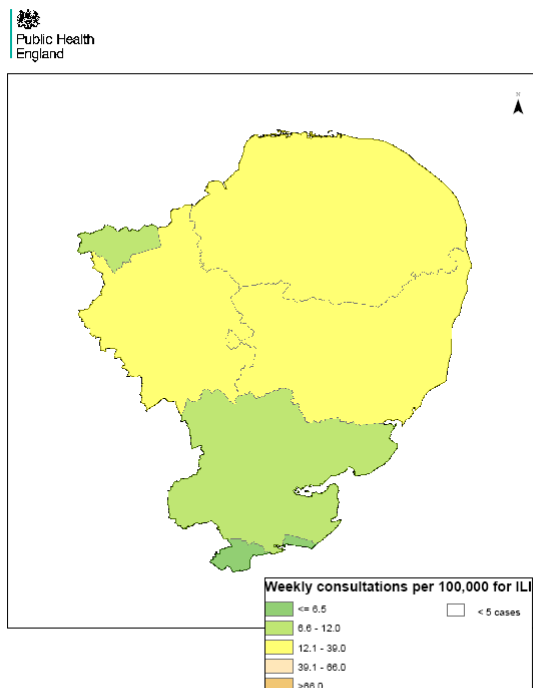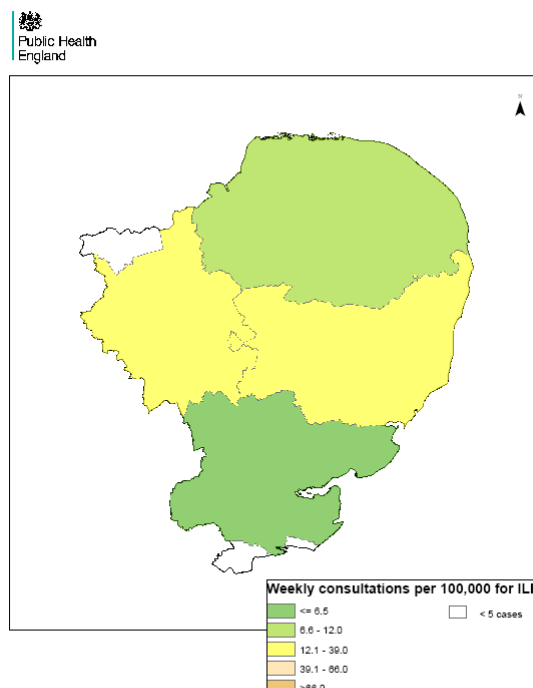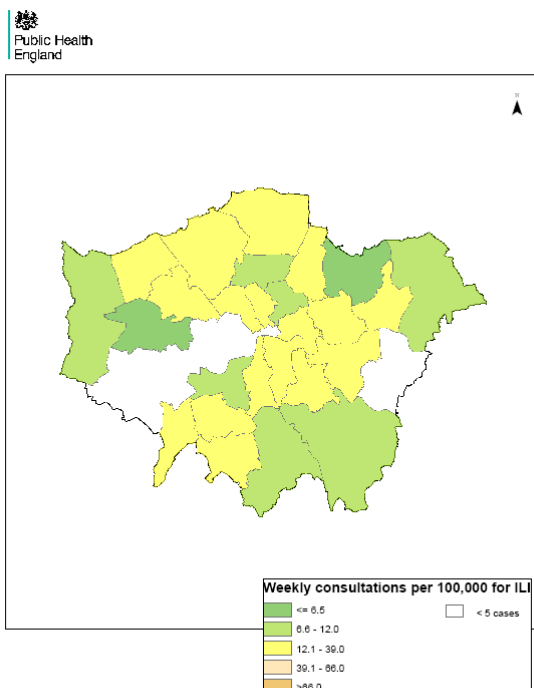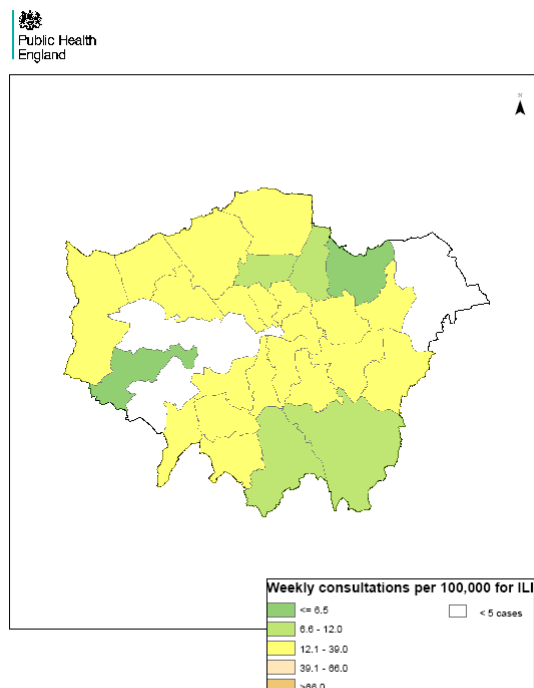
London

Weekly ILI consultation rate by LA for London PHE Centre

Week 5

Week 6

Week 7

Week 8

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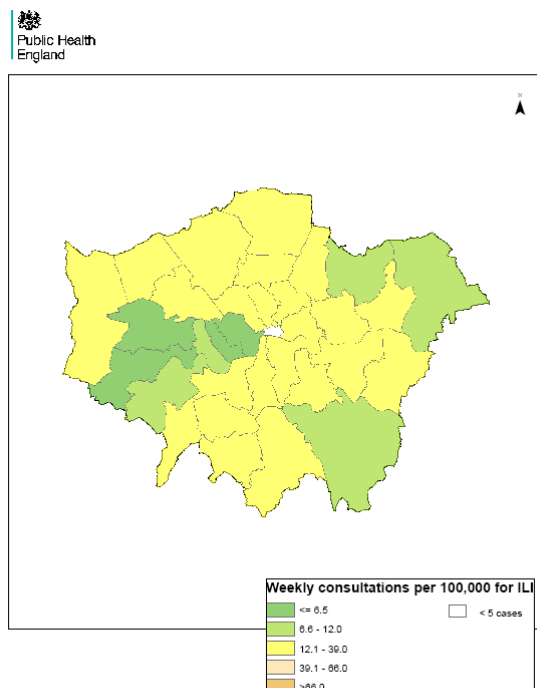
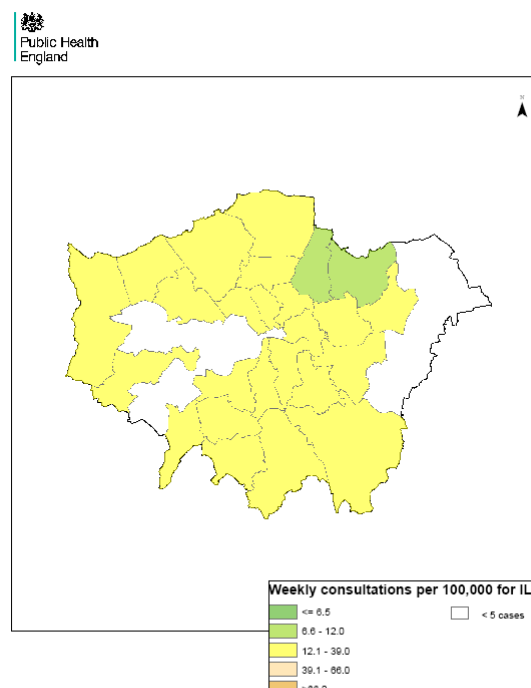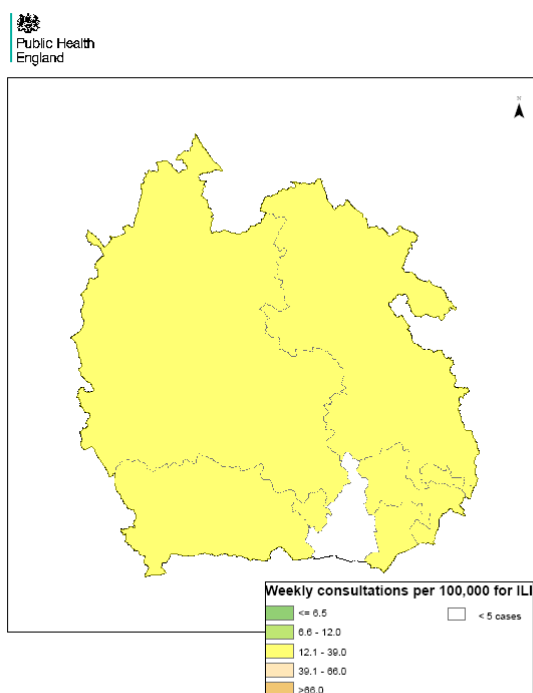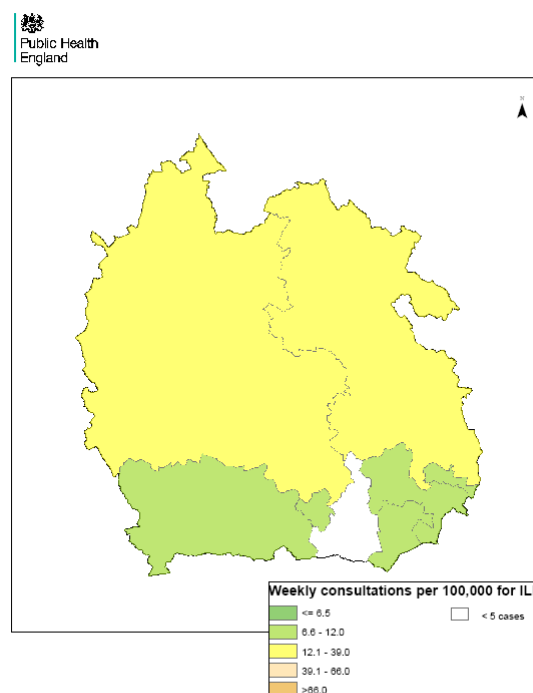**Thames Valley**

Weekly ILI consultation rate by LA for Thames Valley PHE Centre

Week 5

Week 6

Week 7

Week 8

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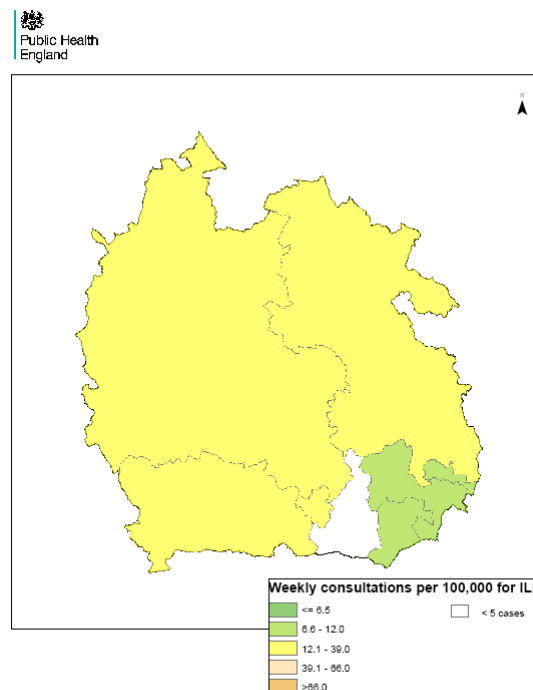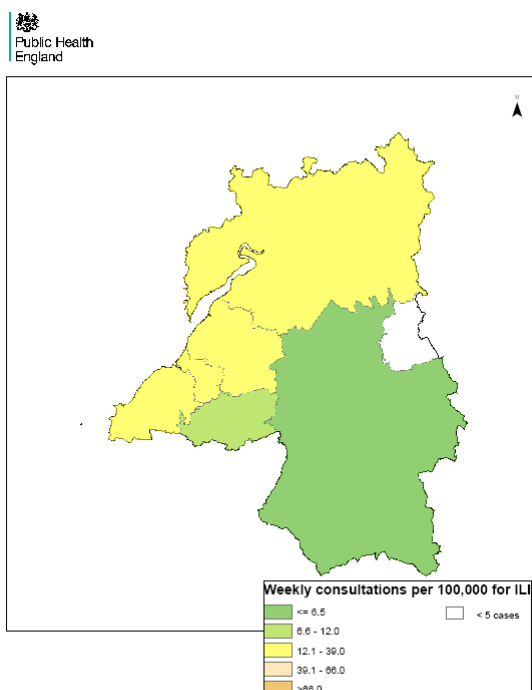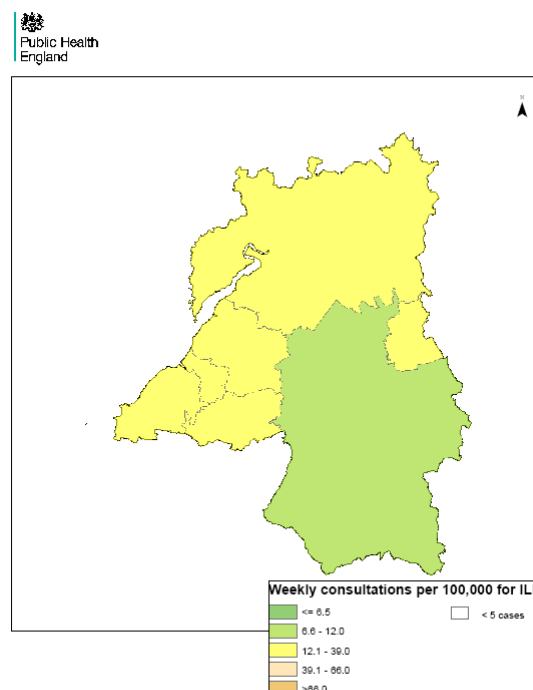
Public Health England
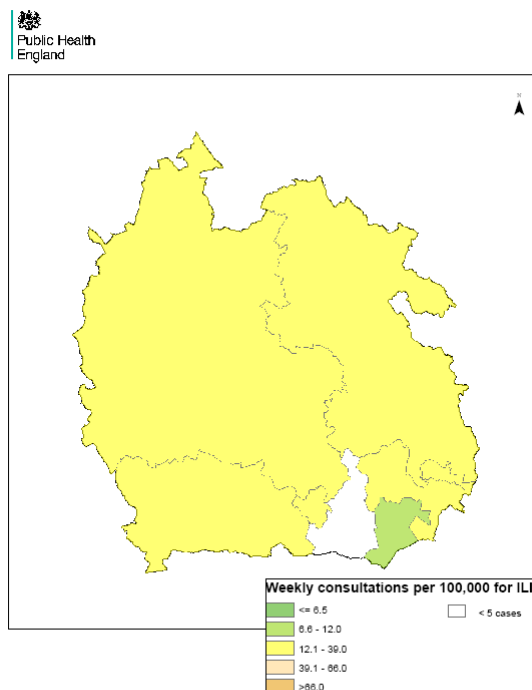
Avon, Gloucestershire & Wiltshire

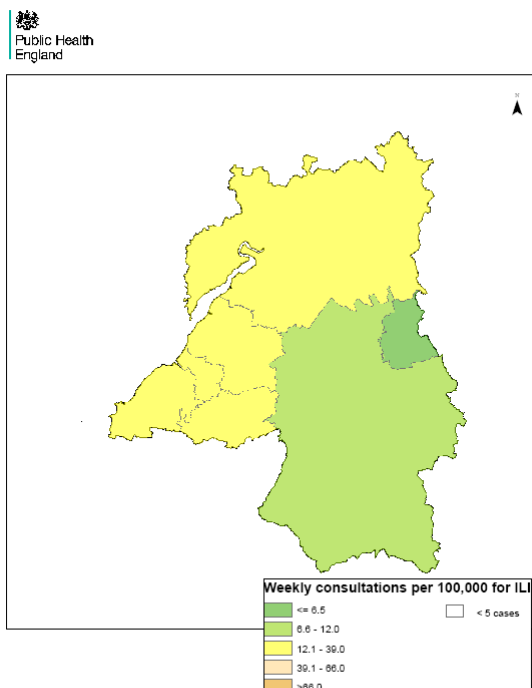Weekly ILI consultation rate by LA for Avon, Gloucestershire & Wiltshire PHE Centre

Week 5

Week 6

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Week 8

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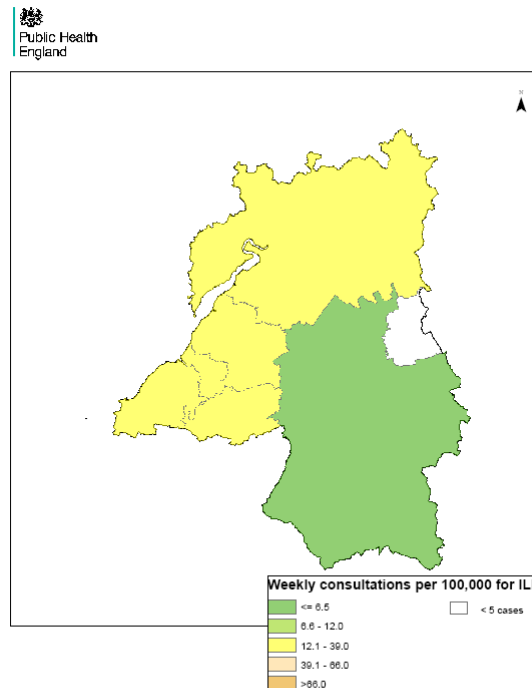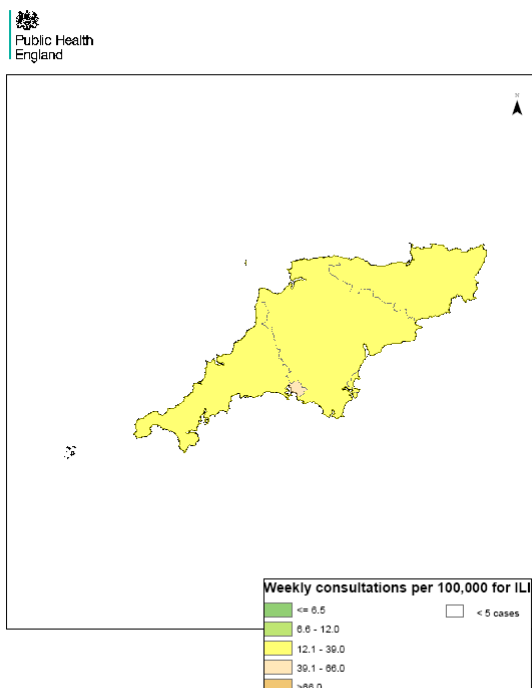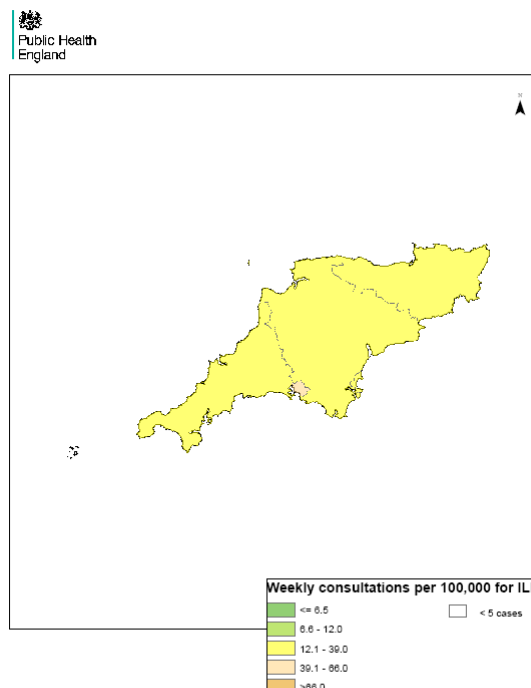**Devon, Cornwall & Somerset**

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

Week 5

Week 6

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Week 8

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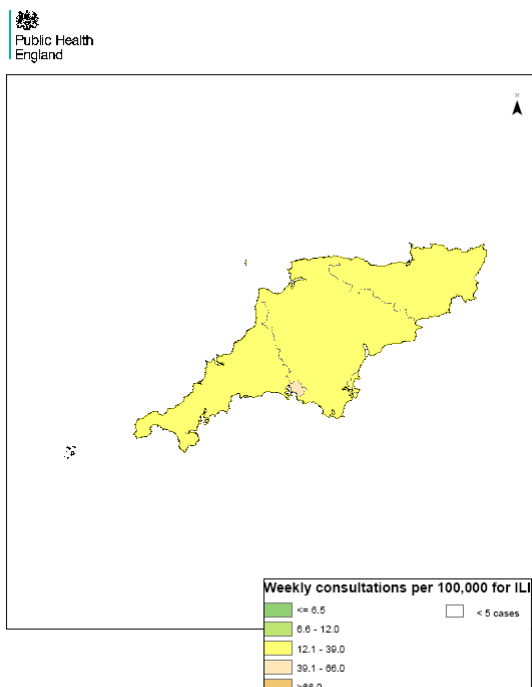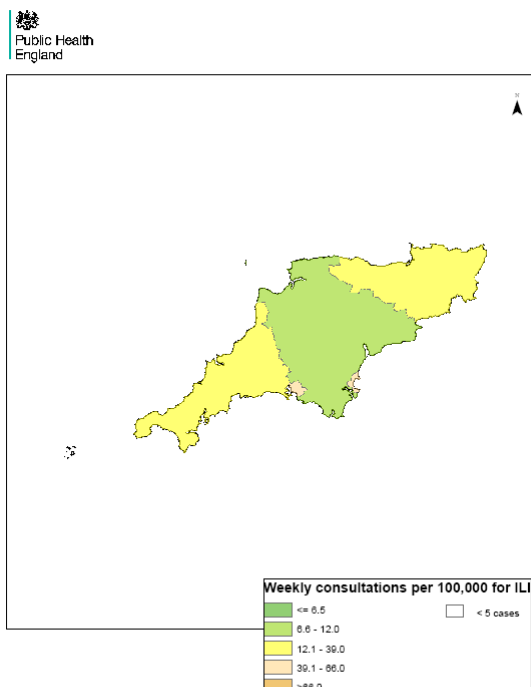
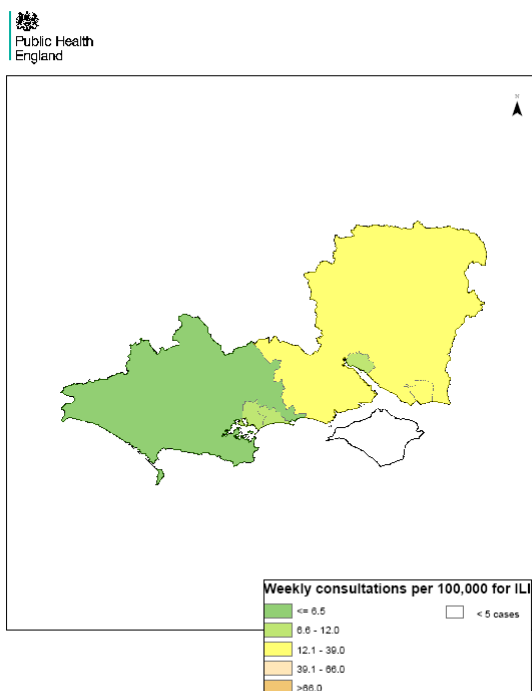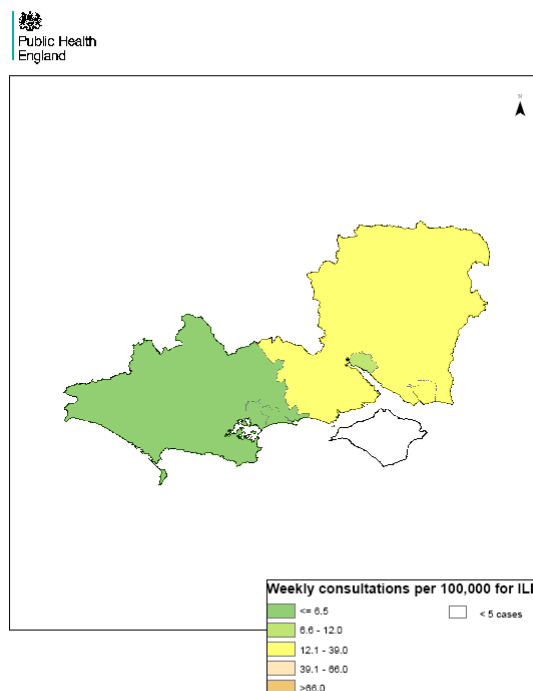**Wessex**

Weekly ILI consultation rate by LA for Wessex PHE Centre

Week 5

Week 6

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Week 8

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Public Health England
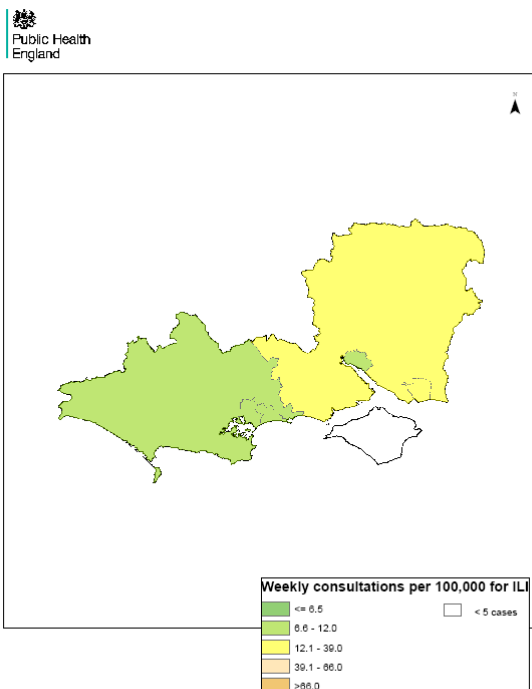
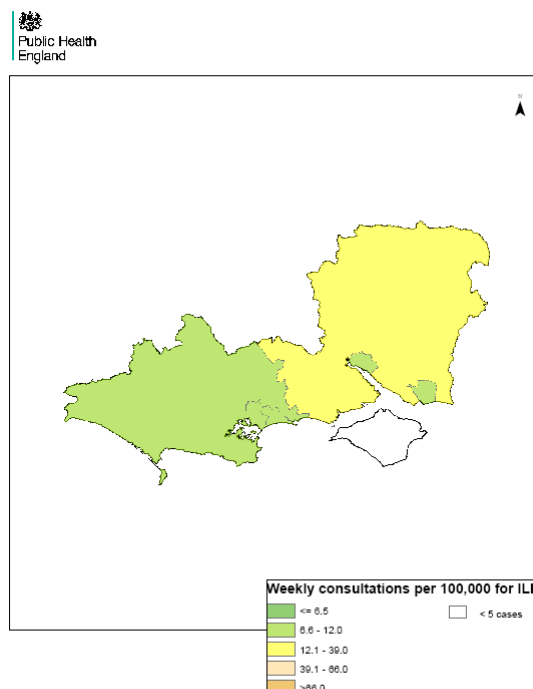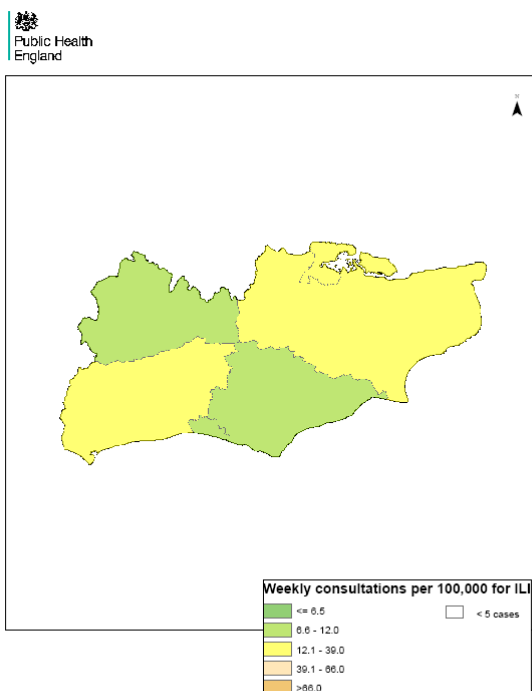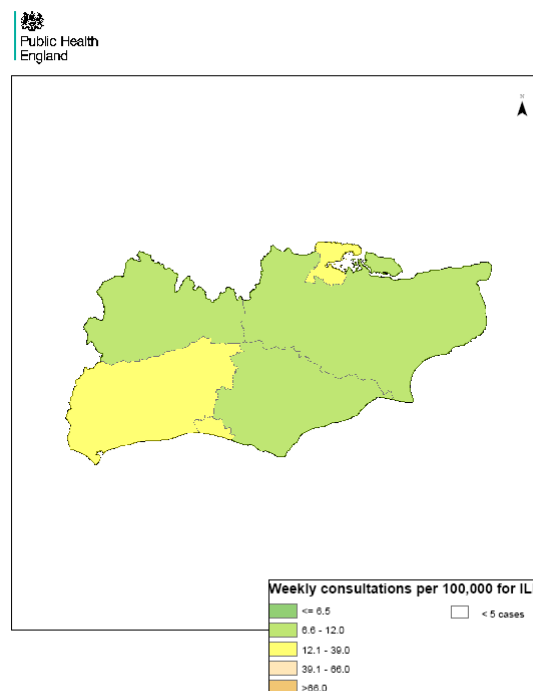**Kent, Surrey & Sussex**

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

Week 5

Week 6

Week 7

Week 8

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