

## RSC Communicable and Respiratory Disease Report for England

### Key Statistics:

Week Number/Year..... 48/2021  
 Week Starting - Ending..... 29/11/2021 - 05/12/2021  
 No. of Practices..... 496  
 Population..... 4,986,217

### National (England)

- **Acute Bronchitis** : decreased from 7.0 in week 47 to 6.6 in week 48.
- **Asthma** : increased from 15.0 in week 47 to 16.4 in week 48.
- **Common Cold** : increased from 2.6 in week 47 to 3.2 in week 48.
- **Influenza-like illness** : increased from 2.8 in week 47 to 3.4 in week 48.
- **Respiratory System Diseases** : decreased from 280.3 in week 47 to 279.3 in week 48.
- **COVID-19** : decreased from 359.4 in week 47 to 342.2 in week 48.

### Regional (North, South, London and Midlands and East)

- **Acute Bronchitis** : decreased from 3.4 in week 47 to 2.4 in week 48 in the London region, decreased from 11.0 in week 47 to 10.5 in week 48 in the North region, decreased from 6.8 in week 47 to 6.0 in week 48 in the South region, and increased from 4.9 in week 47 to 6.5 in week 48 in the Midlands And East region.
- **Asthma** : increased from 13.2 in week 47 to 15.4 in week 48 in the London region, increased from 19.0 in week 47 to 20.1 in week 48 in the North region, increased from 13.7 in week 47 to 14.9 in week 48 in the South region, and increased from 13.7 in week 47 to 15.1 in week 48 in the Midlands And East region.
- **Common Cold** : increased from 2.8 in week 47 to 3.4 in week 48 in the London region, increased from 2.5 in week 47 to 3.7 in week 48 in the North region, increased from 2.7 in week 47 to 3.1 in week 48 in the South region, and increased from 2.3 in week 47 to 2.6 in week 48 in the Midlands And East region.
- **Influenza-like illness** : increased from 2.7 in week 47 to 3.5 in week 48 in the London region, increased from 2.7 in week 47 to 4.3 in week 48 in the North region, decreased from 3.2 in week 47 to 3.0 in week 48 in the South region, and increased from 2.4 in week 47 to 2.9 in week 48 in the Midlands And East region.
- **Respiratory System Diseases** : increased from 222.8 in week 47 to 227.4 in week 48 in the London region, decreased from 365.4 in week 47 to 349.4 in week 48 in the North region, increased from 251.4 in week 47 to 259.4 in week 48 in the South region, and increased from 275.7 in week 47 to 275.8 in week 48 in the Midlands And East region.
- **COVID-19** : increased from 246.7 in week 47 to 272.8 in week 48 in the London region, decreased from 309.7 in week 47 to 281.5 in week 48 in the North region, decreased from 444.4 in week 47 to 420.7 in week 48 in the South region, and decreased from 379.5 in week 47 to 347.9 in week 48 in the Midlands And East region.

### Comment:

Overall presentations of respiratory diseases have slightly decreased this week, but they remain close to the seasonal levels anticipated for this time of year.

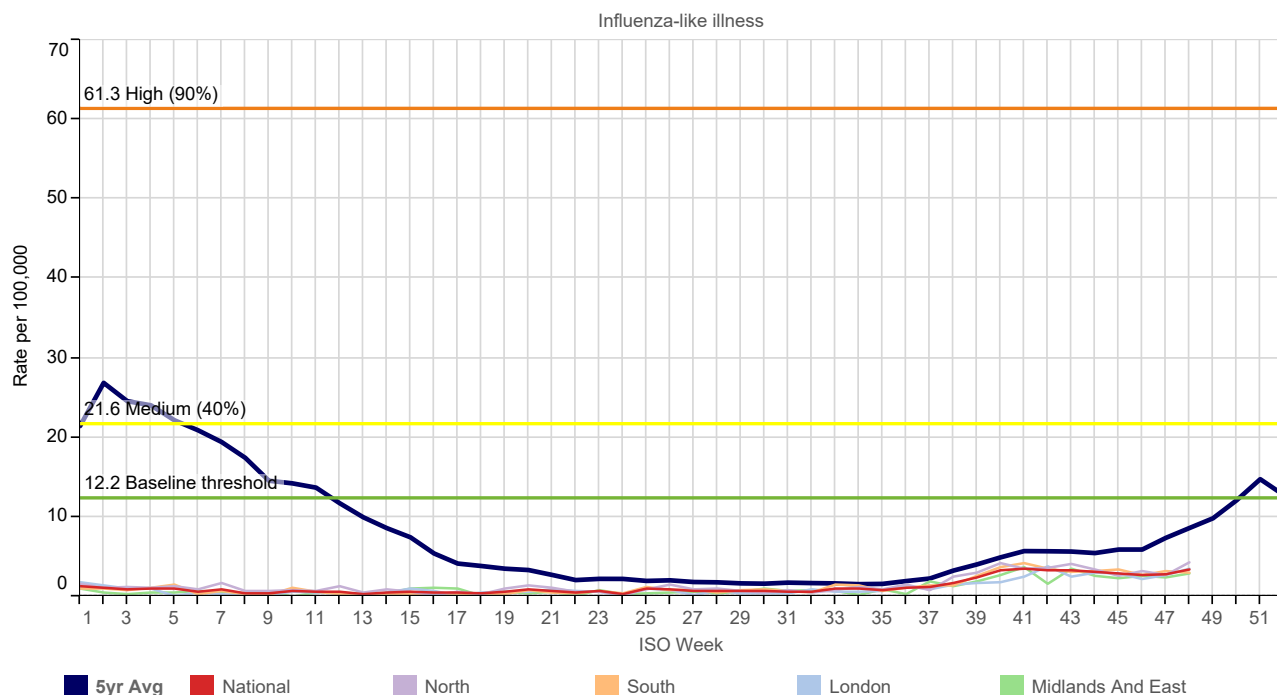
The overall rate of COVID-19 has decreased in all regions and all age bands with the exception of the London region where the rate and the number of COVID-19 cases increased. COVID-19 incidence lags behind our other results, as this is a test rather than a clinical diagnosis, so this week's cases may not be complete.

This report includes a virology update. We are seeing circulating COVID-19, respiratory syncytial virus (RSV), and sporadic influenza.

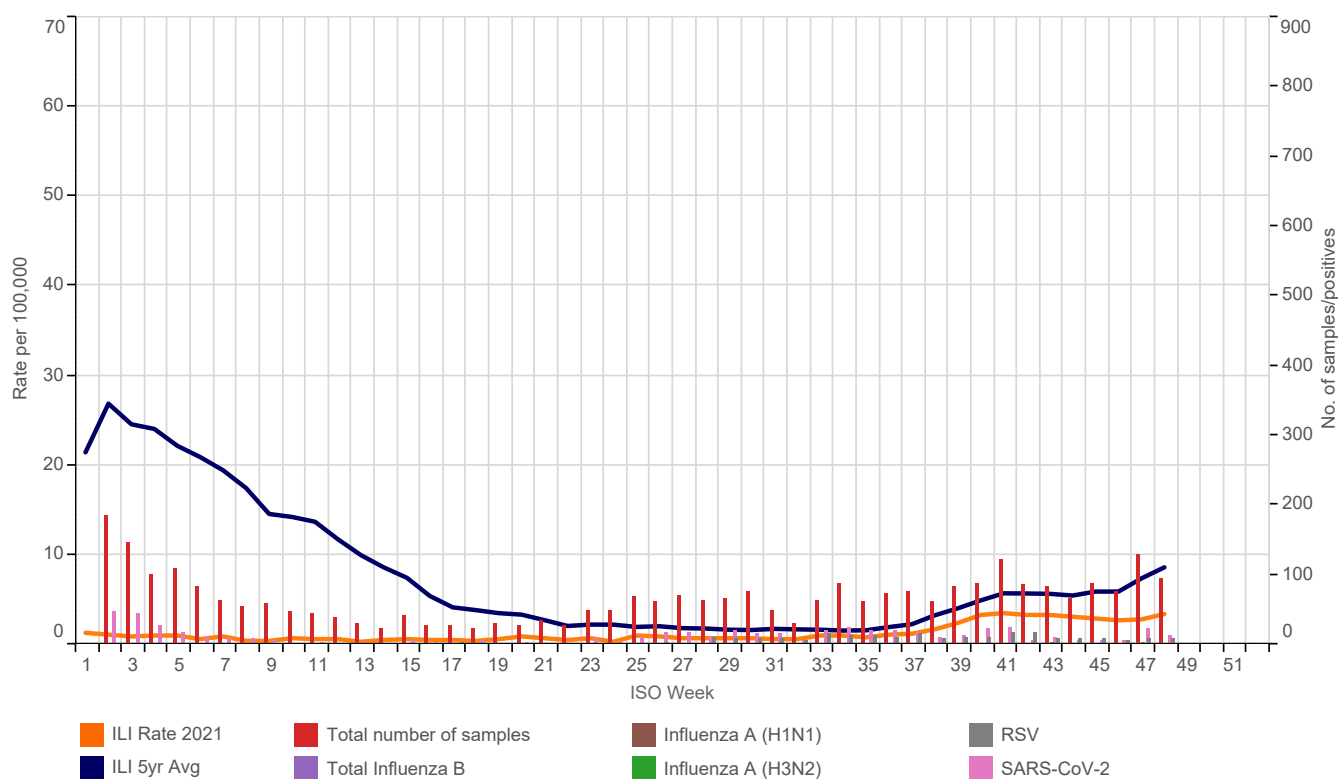
## Winter Focus 2020/21

Please see page 15 for explanatory notes on the data.

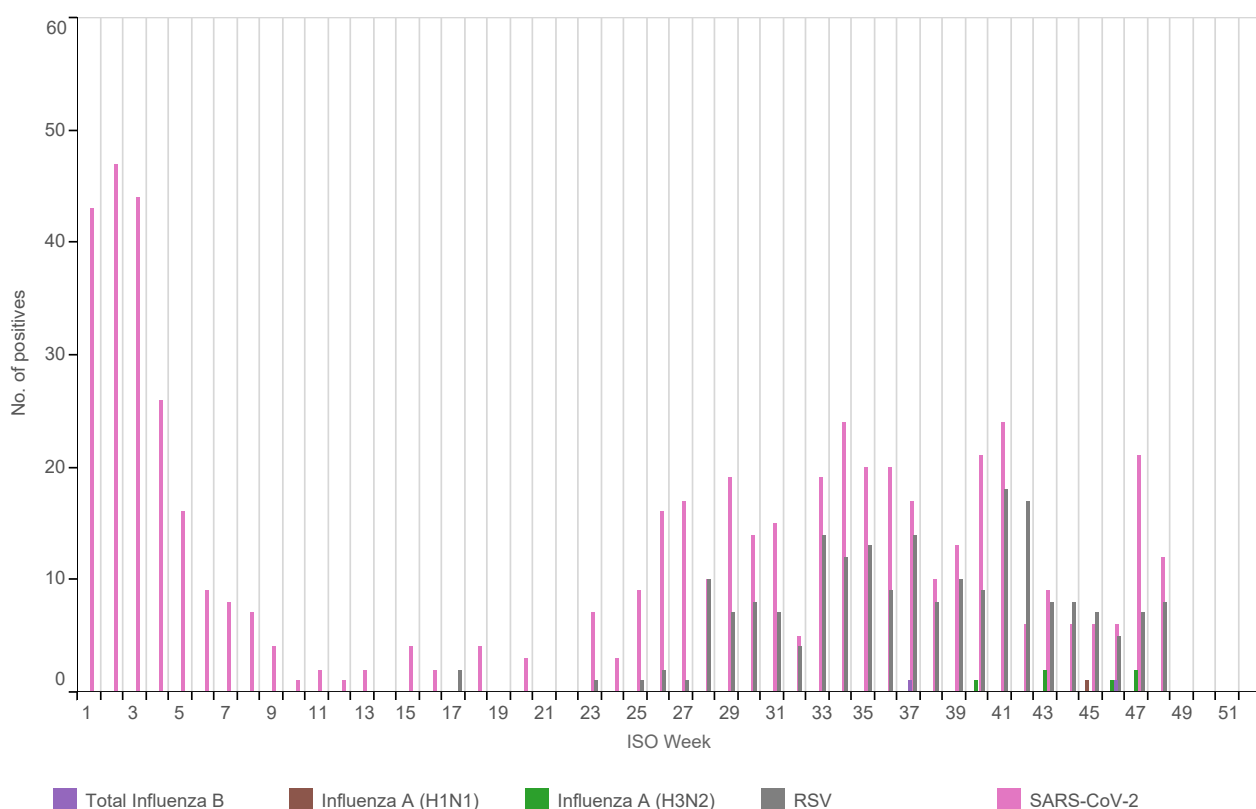
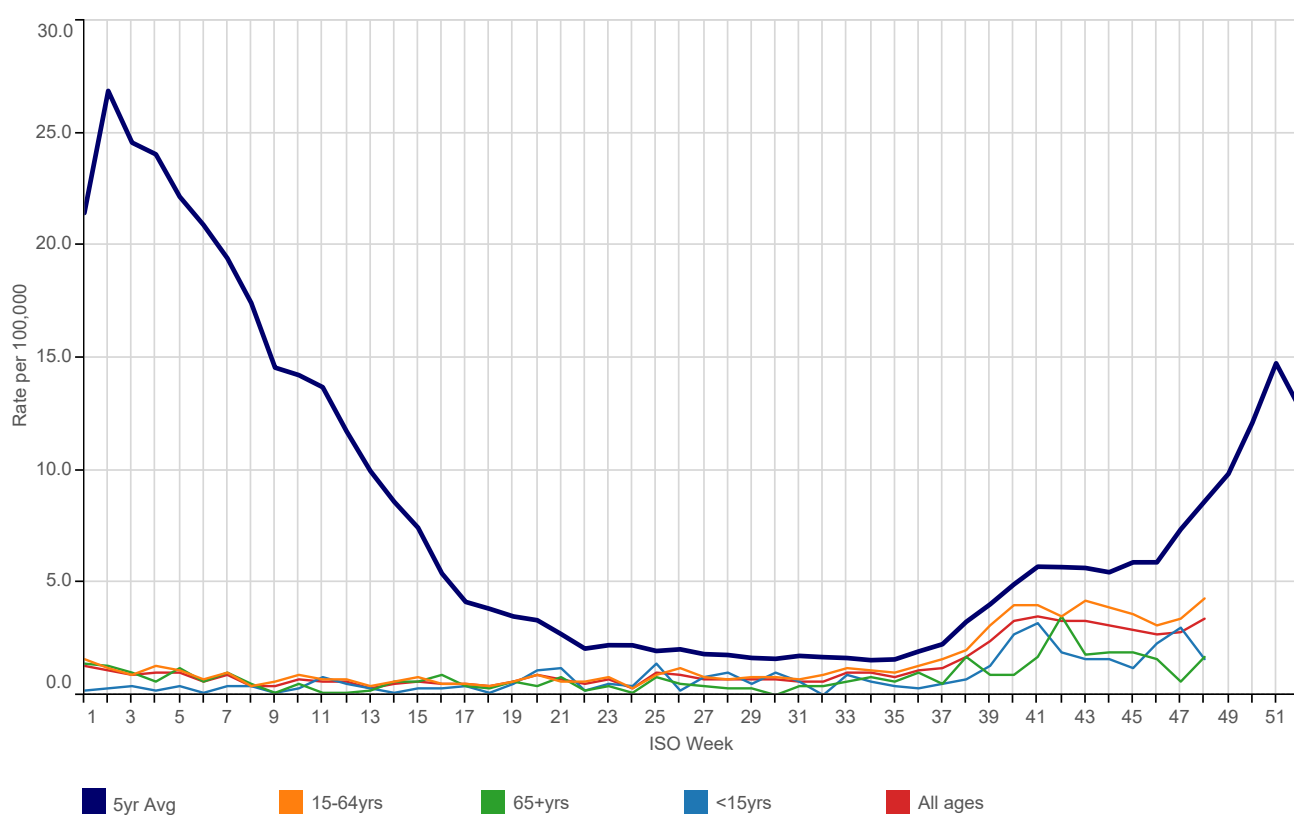
### (A) Influenza-like illness: national incidence rate 2021 by region\*



### (B) RCGP/UKHSA RSV, Influenza and SARS-CoV-2 Virology Swab Surveillance 2021\*



\* The rolling average line (blue) is based on 5 year historic RCGP RSC level (Graph A). The weekly virology samples displayed are offset from the ISO Week (Graphs B & C).

**(C) RCGP/UKHSA RSV, Influenza and SARS-CoV-2 Virology Swab Surveillance 2021 by viral strain\*****(D) Influenza-like illness: national incidence rate 2021 by age group\***

**(E) Influenza-like illness: national incidence rate 2021 by age group\***

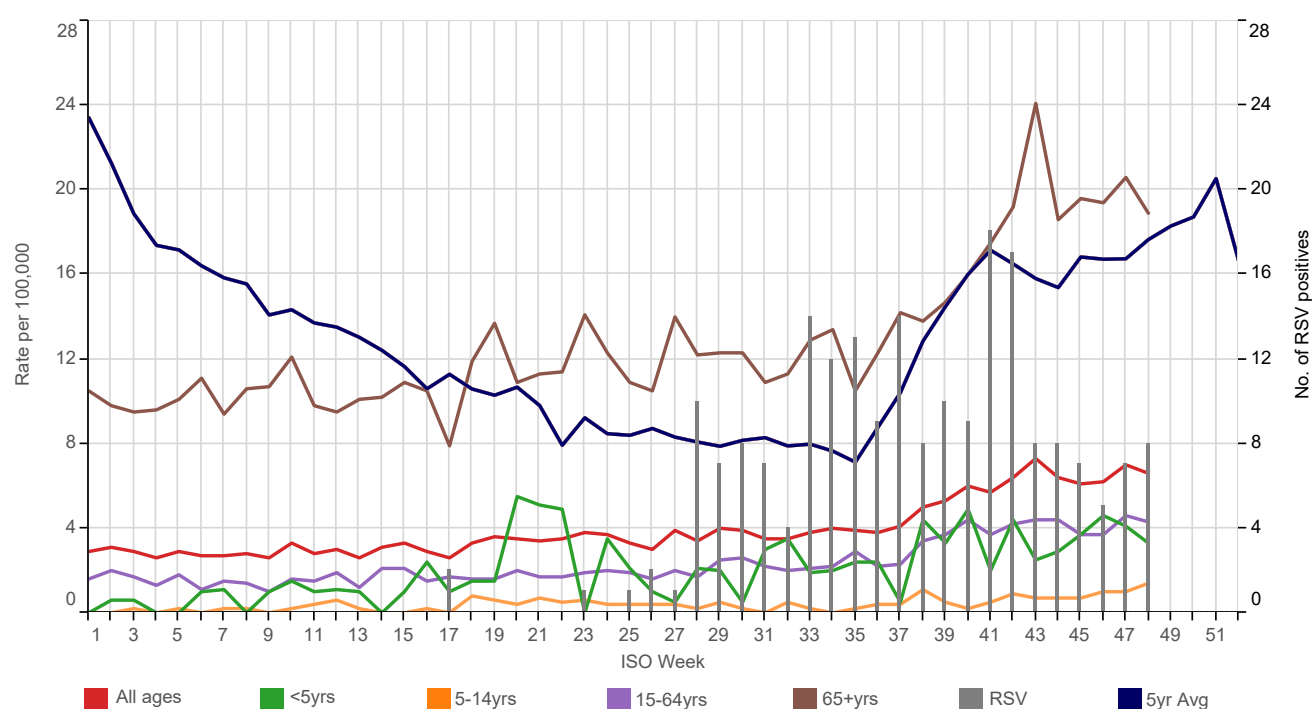
This table shows the level of intensity of ILI by age band. MEM thresholds have been calculated separately for each age band - the ranges are shown in the table Threshold levels by age band.

Table 1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
<15yrs	0.4	0.1	0.5	1.1	1.2	0.2	0.5	0.4	1.4	0.2	0.8	1.0	0.5	1.0	0.6	0.0	0.9	0.6
15-64yrs	0.5	0.4	0.6	0.9	0.6	0.6	0.8	0.3	0.9	1.2	0.8	0.7	0.8	0.8	0.7	0.9	1.2	1.1
65+yrs	0.4	0.3	0.6	0.4	0.8	0.2	0.4	0.1	0.8	0.5	0.4	0.3	0.3	0.0	0.4	0.4	0.6	0.8
All ages	0.5	0.4	0.6	0.9	0.7	0.5	0.7	0.3	1.0	0.9	0.7	0.7	0.7	0.7	0.6	0.6	1.0	1.0

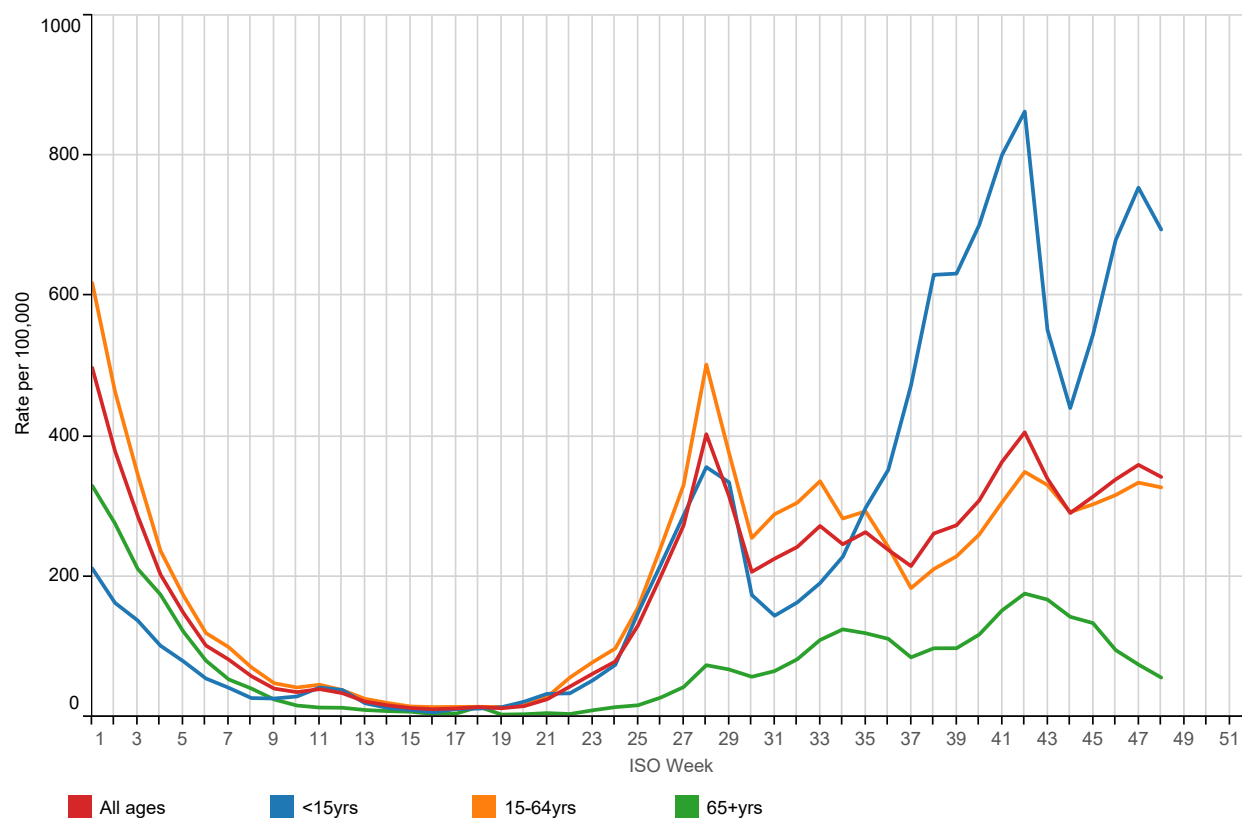
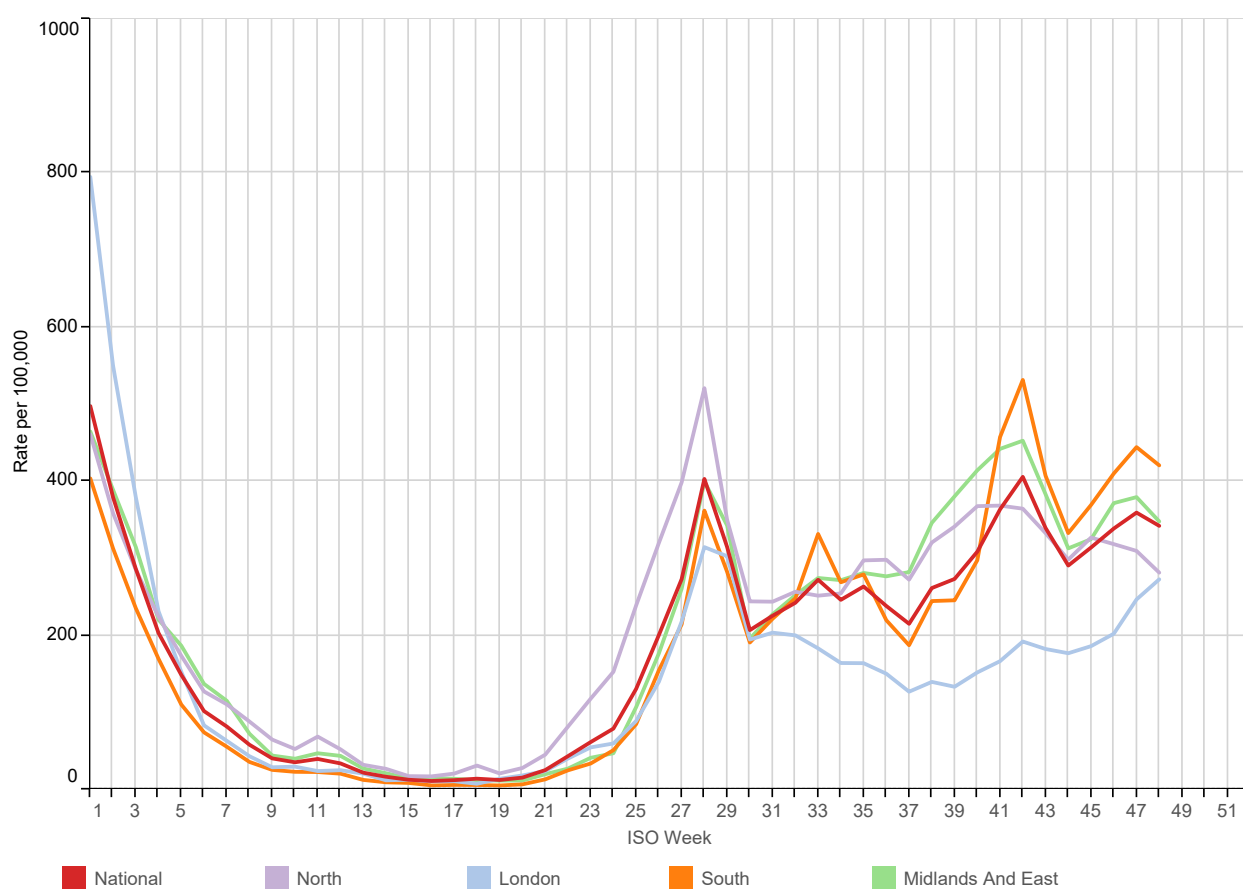
  

	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
<15yrs	0.4	0.3	0.5	0.7	1.3	2.7	3.2	1.9	1.6	1.6	1.2	2.3	3.0	1.6				
15-64yrs	1.0	1.3	1.6	2.0	3.1	4.0	4.0	3.5	4.2	3.9	3.6	3.1	3.4	4.3				
65+yrs	0.6	1.0	0.5	1.7	0.9	0.9	1.7	3.5	1.8	1.9	1.9	1.6	0.6	1.7				
All ages	0.8	1.1	1.2	1.7	2.4	3.3	3.5	3.3	3.3	3.1	2.9	2.7	2.8	3.4				

Table 2	Below Threshold <sup>1</sup>	Threshold to Medium <sup>2</sup>	Medium to High <sup>3</sup>	High to Very High <sup>4</sup>	Above Very High <sup>5</sup>
All Ages	<12.2	12.2 to <21.6	21.6 to <61.3	61.3 to <97.3	97.3+
<15yrs	<10.7	10.7 to <17.6	17.6 to <47.7	47.7 to <74.1	74.1+
15-64yrs	<15.0	15.0 to <26.1	26.1 to <63.4	63.4 to <93.8	93.8+
65+yrs	<11.5	11.5 to <16.5	16.5 to <37.8	37.8 to <54.5	54.5+

**Threshold levels**<sup>1</sup>Below baseline threshold<sup>2</sup>baseline threshold breach to < 40th percentile<sup>3</sup>40th to <90th percentile<sup>4</sup>90th to <97.5th percentile<sup>5</sup>97.5th+ percentile**(F) Acute Bronchitis: national incidence rate 2021 by age group\*****Weekly Influenza-like illness and Acute Bronchitis incidence rates per 100,000 persons**

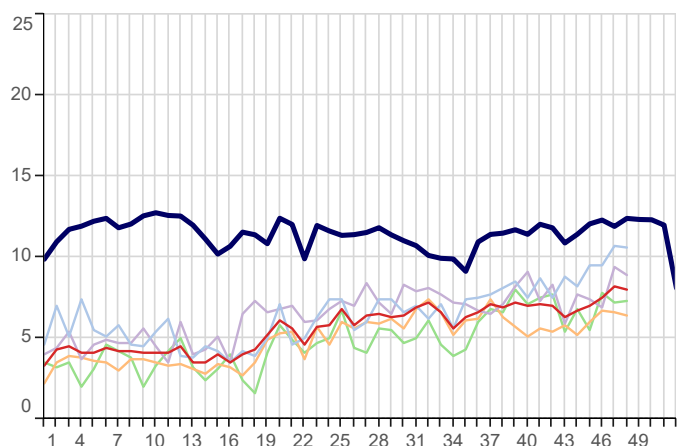
Influenza-like illness		Bronchitis	Influenza-like illness		Bronchitis
<1yr	2.2	19.4	London	3.5	2.4
1-4yrs	1.9	3.3	North	4.3	10.5
5-14yrs	1.4	1.4	South	3.0	6.0
15-24yrs	2.6	1.2	Midlands And East	2.9	6.5
25-44yrs	4.4	2.2	National	3.4	6.6
45-64yrs	5.0	8.1			
65-74yrs	2.7	16.4			
75-84yrs	0.3	22.6			
85+yrs	1.7	18.8			
All ages	3.4	6.6			

**(G) COVID-19 : national incidence rate 2021 by age group\*****(H) COVID-19 : national incidence rate 2021 by region\***

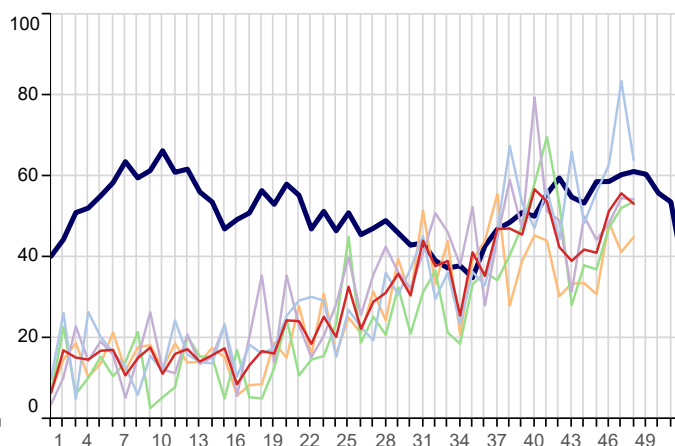
# 1. Water & Food Borne Disorders:

5yr Avg   National   London   North   South   Midlands And East

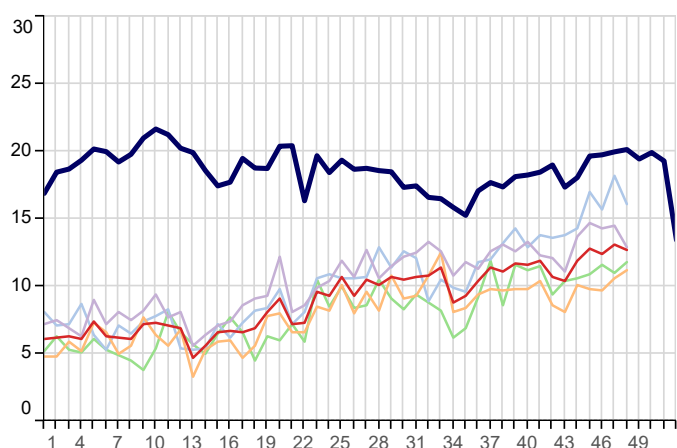
**Infectious Intestinal Disease (ICD10: A00-A09)**  
Weekly incidence (per 100,000 **all ages**) by regions  
for 2021 compared with 5 year average



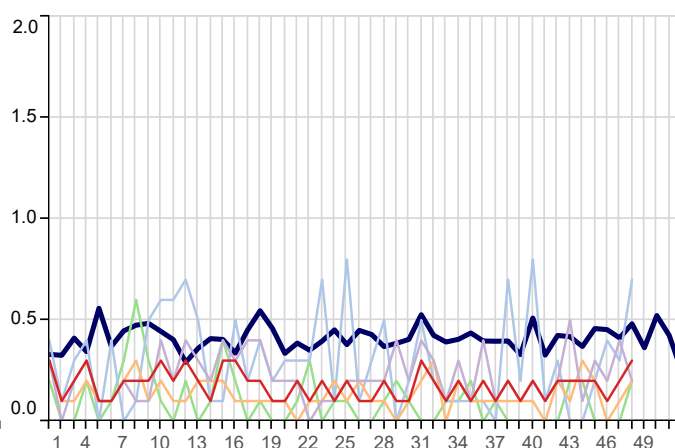
**Infectious Intestinal Disease (ICD10: A00-A09)**  
Weekly incidence (per 100,000 **0-4 years**) by regions  
for 2021 compared with 5 year average



**Non-Infective Enteritis & Colitis (ICD10: K50-K52)**  
Weekly incidence (per 100,000 **all ages**) by region  
for 2021 compared with 5 year average



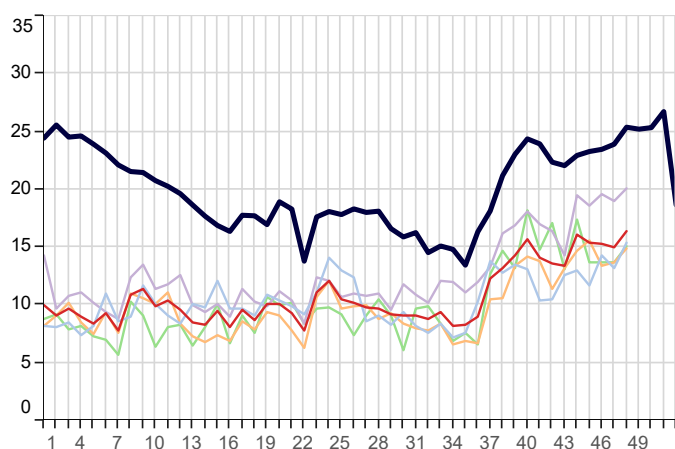
**Viral Hepatitis (ICD10: B15-B19)**  
Weekly incidence (per 100,000 **all ages**) by region  
for 2021 compared with 5 year average



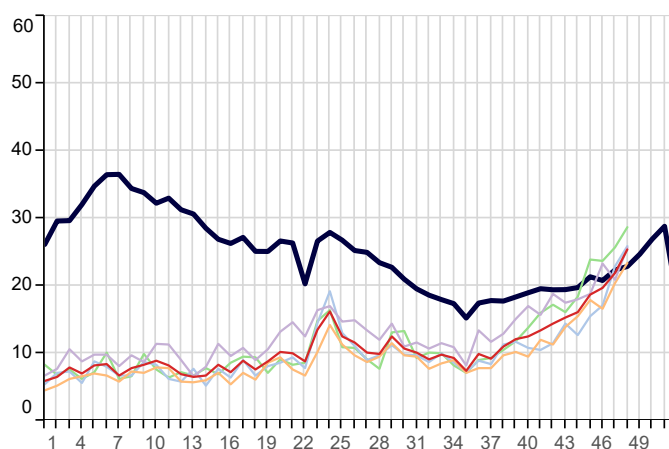
## 2. Environmentally Sensitive Disorders:

5yr Avg   National   London   North   South   Midlands And East

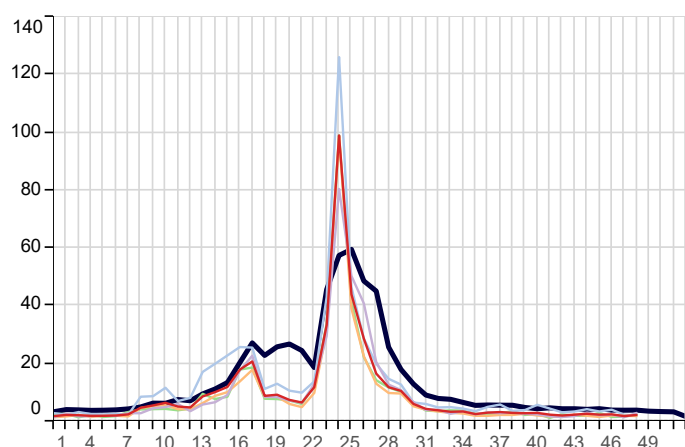
**Asthma (ICD10: J45-J46)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



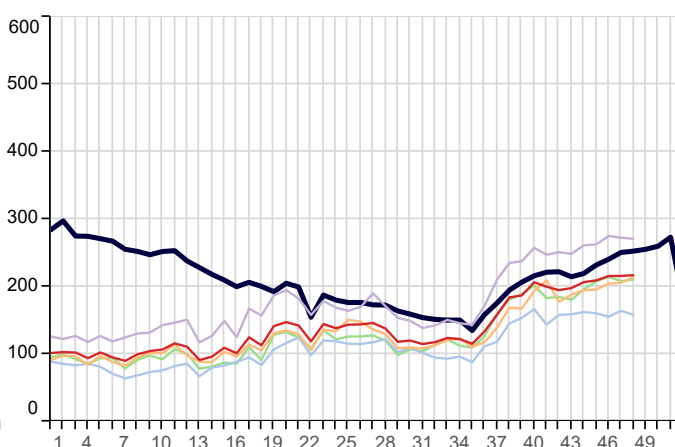
**Disorders of Conjunctiva (ICD10: H10-H13)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Hayfever/Allergic Rhinitis (ICD10: J30)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



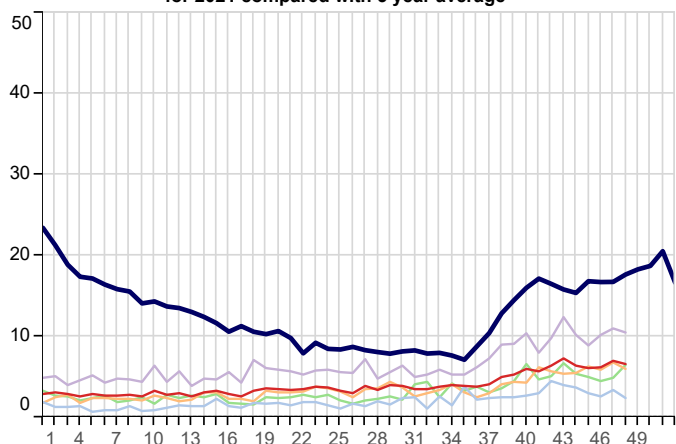
**Symptoms involving Respiratory & Chest (ICD10: R05-R07,R09)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



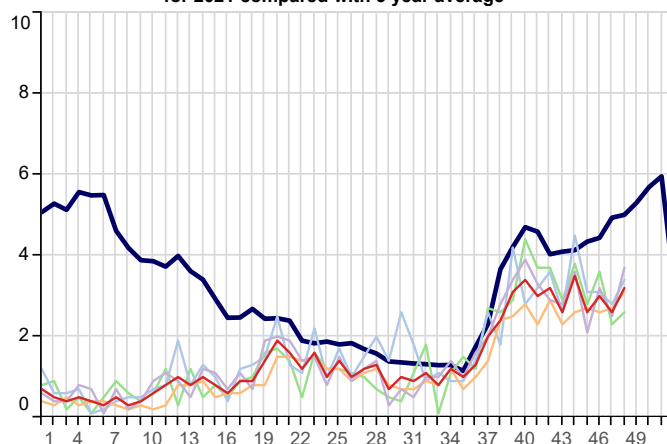
### 3. Respiratory Infections:

5yr Avg   National   London   North   South   Midlands And East

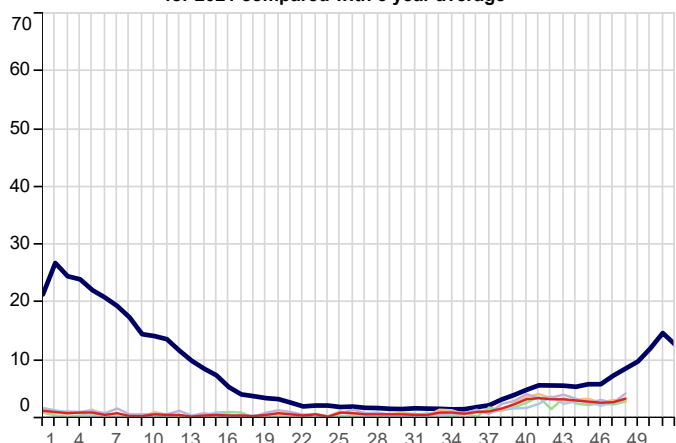
**Acute Bronchitis (ICD10: J20-J21,J40)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



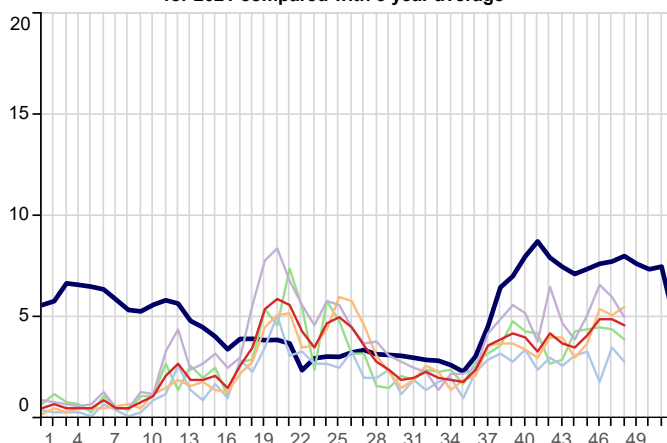
**Common Cold (ICD10: J00,J06)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



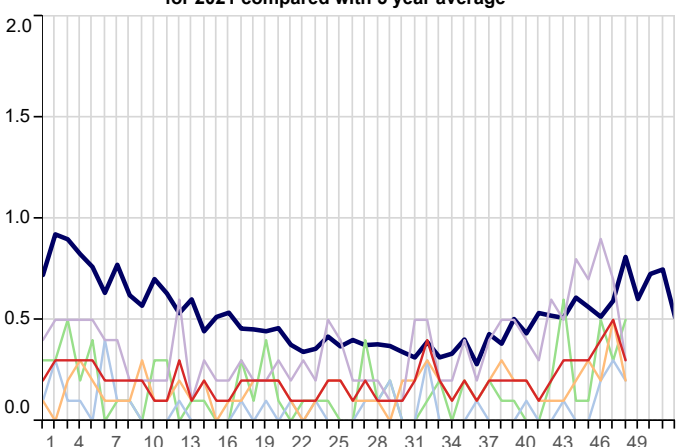
**Influenza-like illness (ICD10: J09-J11)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



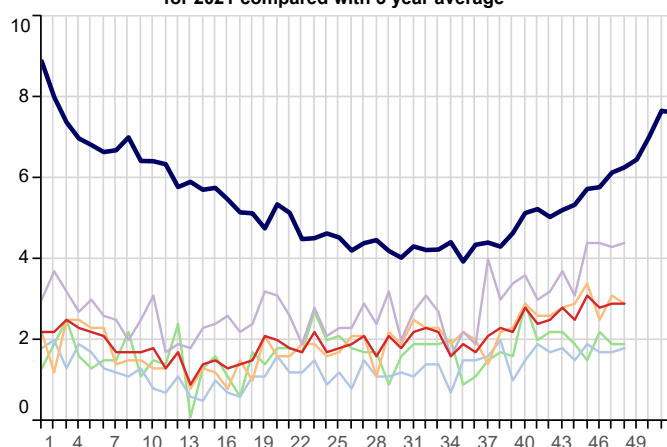
**Acute Laryngitis/Tracheitis (ICD10: J04)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Pleurisy (ICD10: R091)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



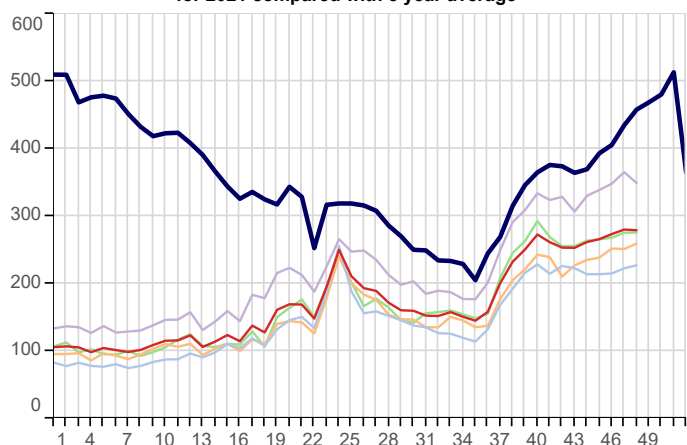
**Pneumonia/Pneumonitis (ICD10: J12-J18)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



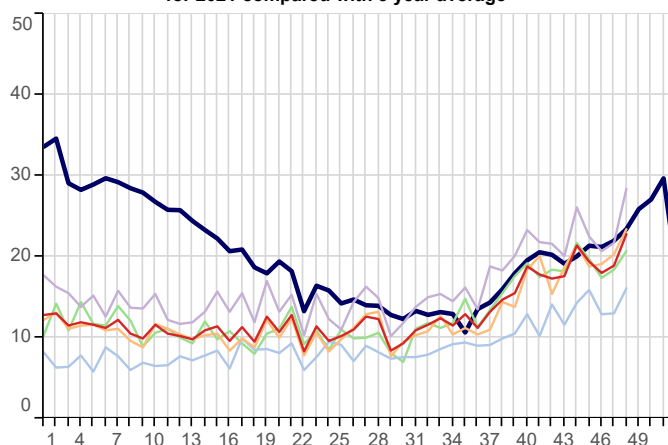
### 3. Respiratory Infections(Continued):

5yr Avg   National   London   North   South   Midlands And East

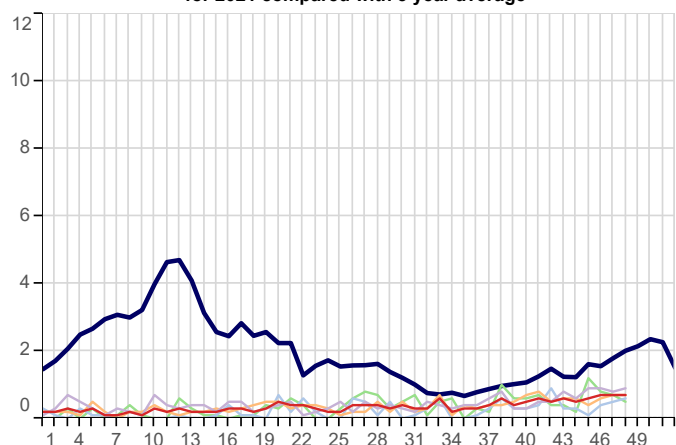
**Respiratory System Diseases (ICD10: J00-J99)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



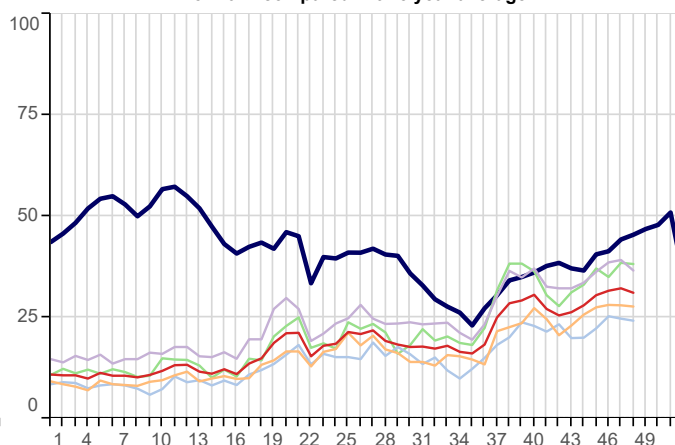
**Acute Sinusitis (ICD10: J01)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



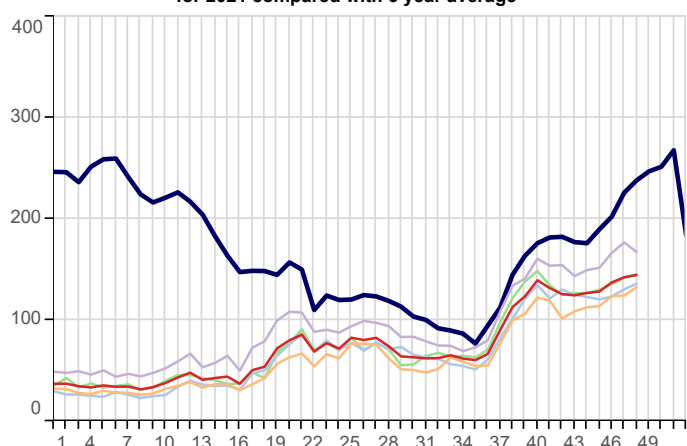
**Strep Sore Throat, Scarletina and Peritonsillar Abscess (ICD10: A38,J02,J36)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



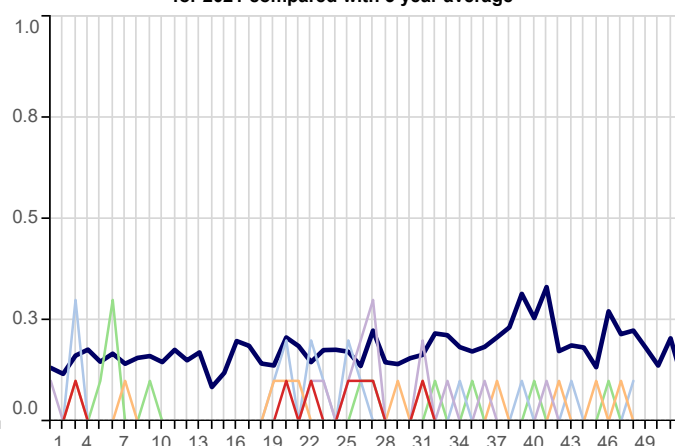
**Acute Tonsillitis/Pharyngitis (ICD10: J02-J03)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Upper Respiratory Tract Infections (URTI)(ICD10: J00-J06)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



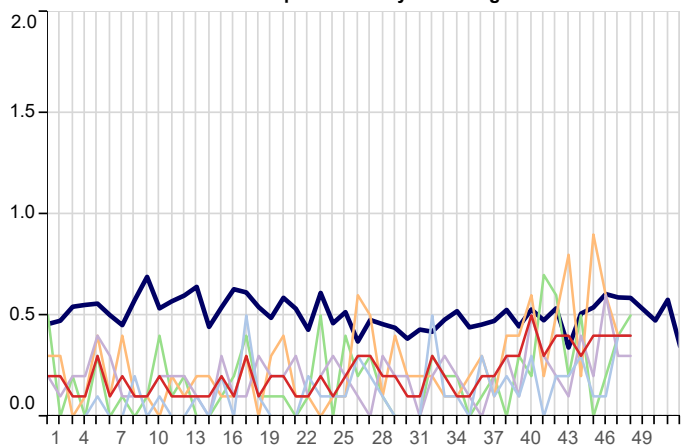
**Whooping Cough (ICD10: A37)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



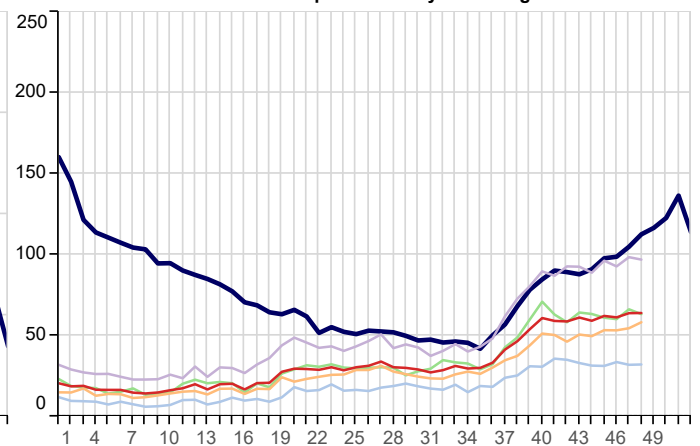
### 3. Respiratory Infections(Continued):

5yr Avg   National   London   North   South   Midlands And East

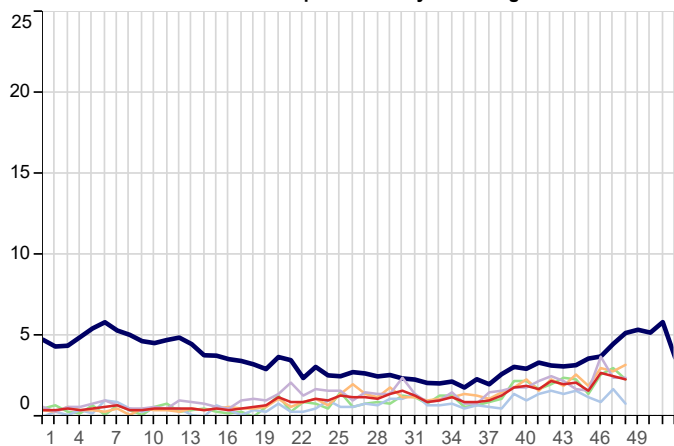
**Infectious Mononucleosis (ICD10: B27)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Lower Respiratory Tract Infections (LRTI)(ICD10: J20-J22)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



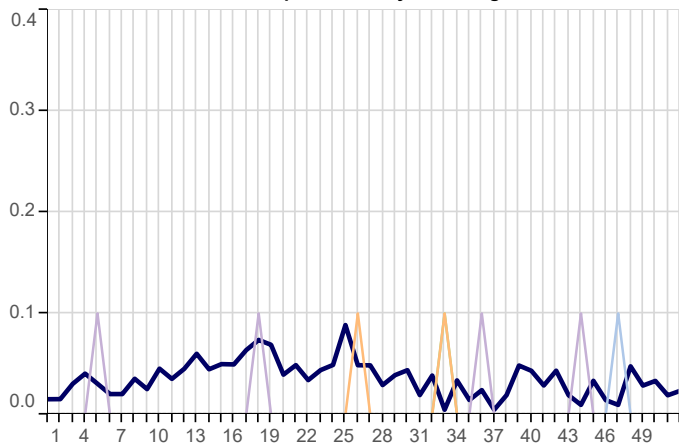
**Acute Otitis Media (ICD10: H650-H651,H660,H669)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



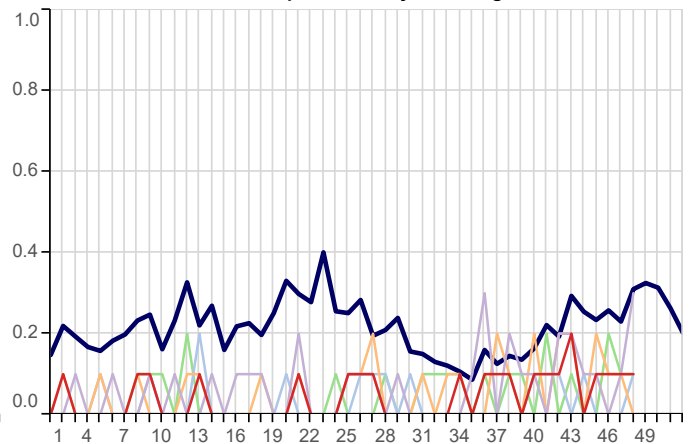
## 4. Vaccine Sensitive Disorders

5yr Avg   National   London   North   South   Midlands And East

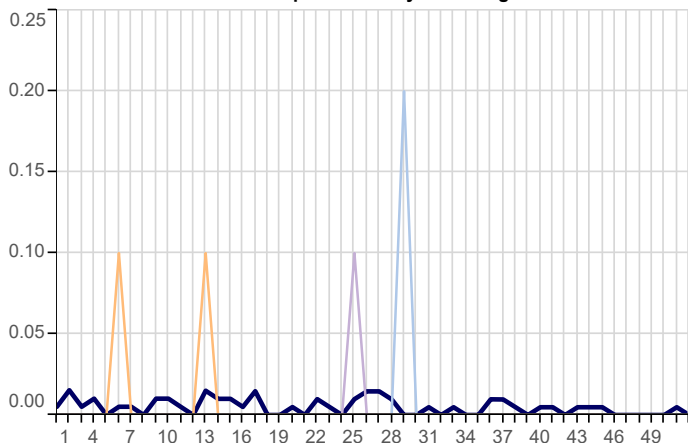
**Measles (ICD10: B05)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Mumps (ICD10: B26)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average

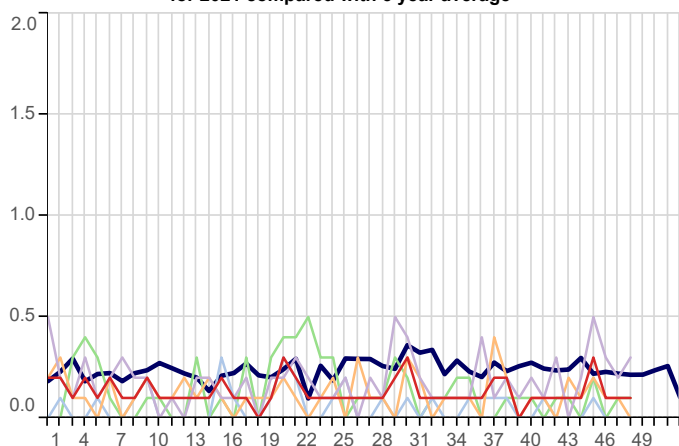


**Rubella (ICD10: B06)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average

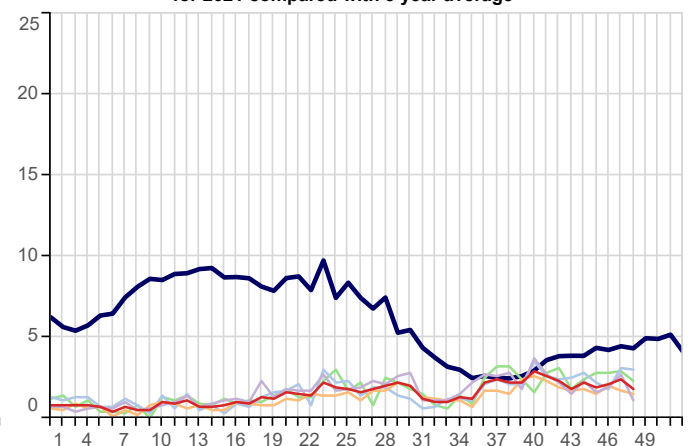


## 5. Skin Contagions

**Bullous Dermatoses (ICD10: L10-L14)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



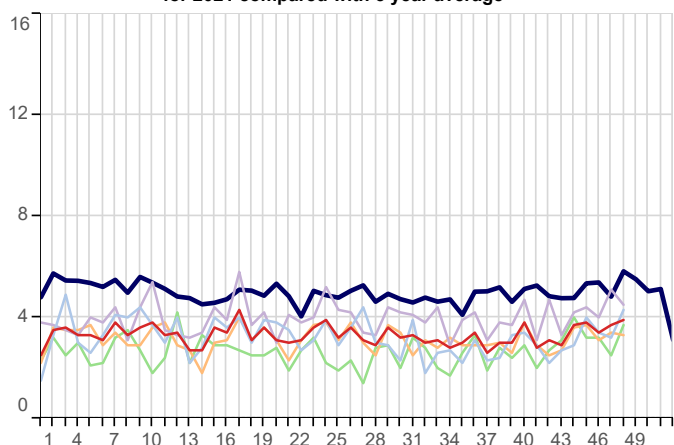
**Chickenpox (ICD10: B01)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



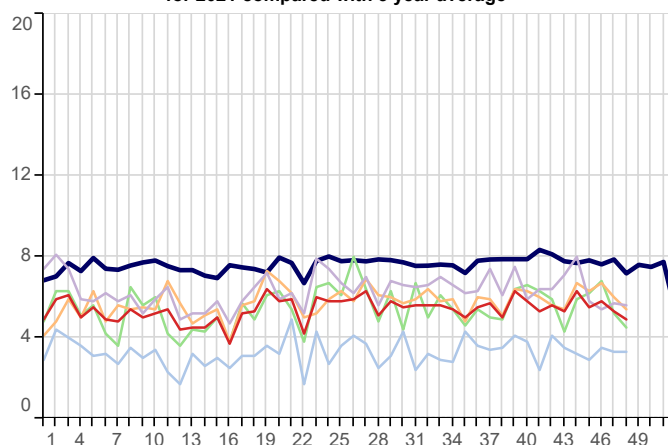
## 5. Skin Contagions (Continued)

5yr Avg   National   London   North   South   Midlands And East

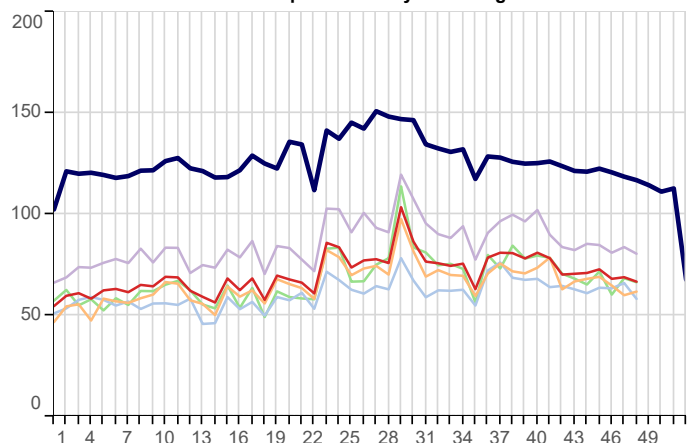
**Herpes Simplex (ICD10: B00)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



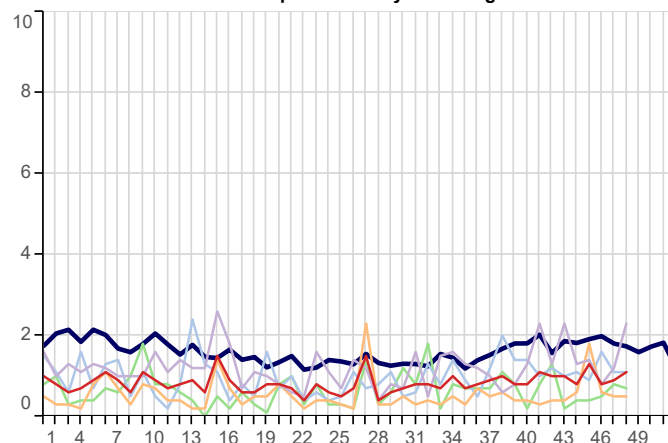
**Herpes Zoster (ICD10: B02)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



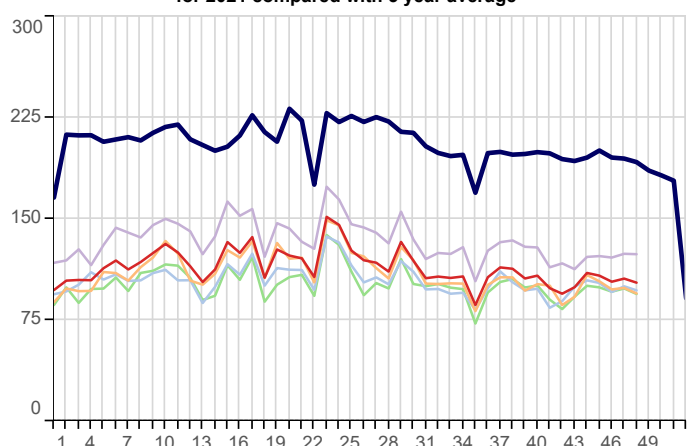
**Infections of Skin & Subcutaneous Tissue (ICD10: L00-L08)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



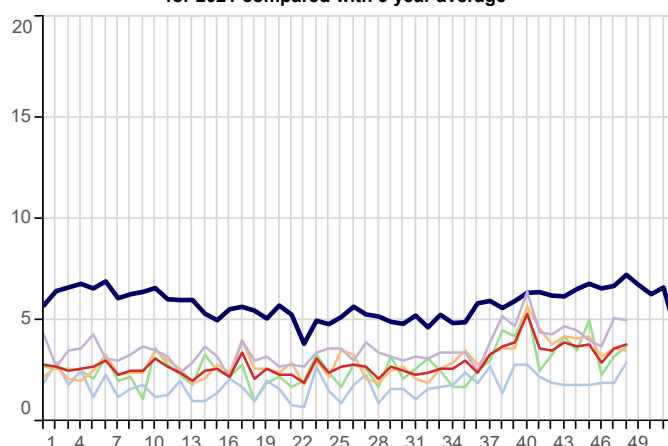
**Scabies (ICD10: B86)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Symptoms involving Skin & Oth Integument Tiss (ICD10: R20-R23)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Impetigo (ICD10: L01)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



## 6. Disorders Affecting the Nervous System

5yr Avg

National

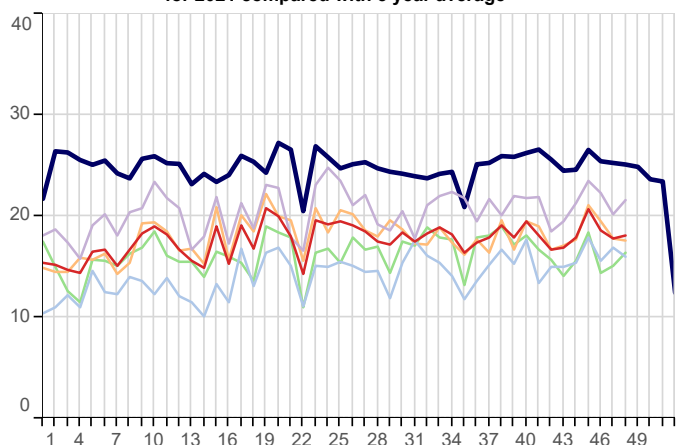
London

North

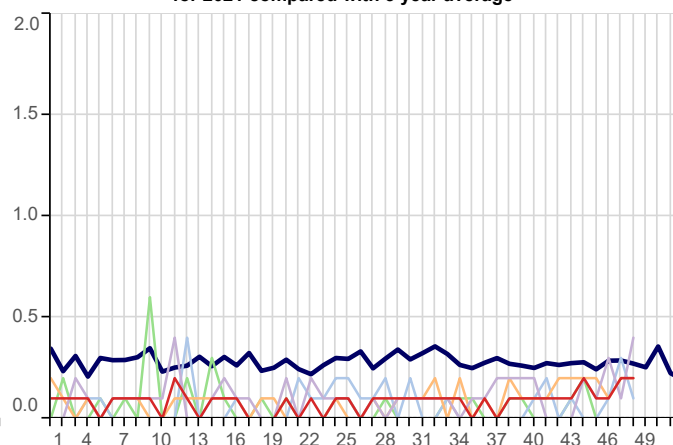
South

Midlands And East

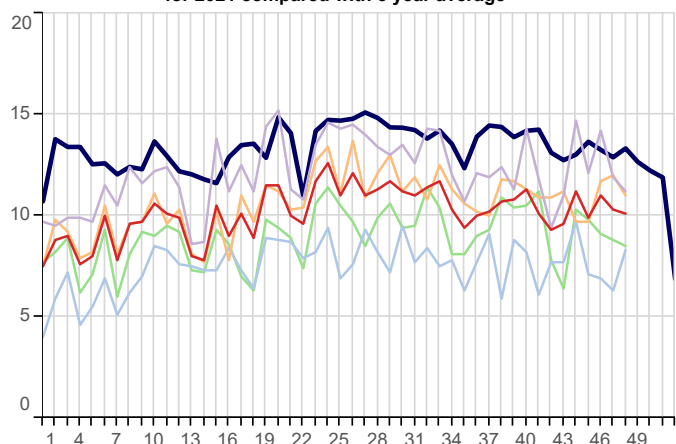
**Disorders of The Peripheral Nervous System (ICD10: G50-G64,G70-G72)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



**Meningitis/Encephalitis (ICD10: A170-A171,A390,A38-A85,A87,G00-G05)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average

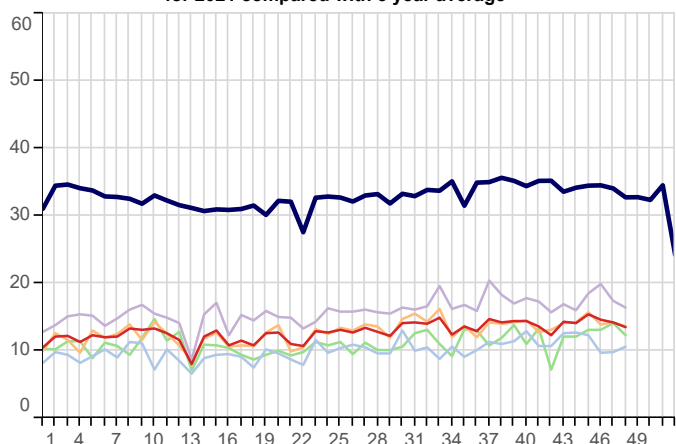


**Symptoms Involving Nervous & Musculoskeletal (ICD10: R25-R29)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



## 7. Genitourinary System Disorders

**Urinary Tract Infection/Cystitis (ICD10: N30,N390)**  
Weekly incidence (per 100,000 all ages) by region  
for 2021 compared with 5 year average



## 8. Tabular Summary by Disease

Disease Name	Week beginning Week ending		29/11/2021 05/12/2021		22/11/2021 28/11/2021		15/11/2021 21/11/2021		08/11/2021 14/11/2021	
	Rate	Numer	Rate	Numer	Rate	Numer	Rate	Numer	Rate	Numer
Allergic Rhinitis	2.3	114	1.9	98	2.5	128	2.4	122		
Asthma	16.4	817	15.0	781	15.3	793	15.4	780		
Bronchitis	6.6	327	7.0	361	6.2	319	6.1	312		
Bullous Dermatoses	0.1	5	0.1	6	0.1	5	0.3	14		
Chickenpox	1.8	92	2.4	127	2.1	107	1.9	96		
Common Cold	3.2	161	2.6	136	3.0	156	2.6	133		
Conjunctival Disorders	25.4	1,266	21.9	1,139	19.7	1,020	18.7	949		
Herpes Simplex	3.9	194	3.7	190	3.4	176	3.8	195		
Herpes Zoster	4.9	244	5.3	274	5.8	298	5.5	279		
Impetigo	3.8	190	3.6	187	2.9	152	3.8	194		
Infectious Mononucleosis	0.4	19	0.4	20	0.4	23	0.4	20		
Influenza-like illness	3.4	170	2.8	147	2.7	141	2.9	147		
Infectious Intestinal Diseases	8.0	400	8.2	427	7.5	388	7.0	354		
Laryngitis and Tracheitis	4.6	227	4.9	255	4.9	253	4.1	210		
Lower Respiratory Tract Infections	64.0	3,193	63.9	3,320	61.3	3,173	62.2	3,157		
Measles	0.0	0	0.0	1	0.0	0	0.0	0		
Meningitis and Encephalitis	0.2	9	0.2	8	0.1	7	0.1	5		
Mumps	0.1	6	0.1	3	0.1	4	0.1	4		
Non-infective Enteritis and Colitis	12.7	635	13.1	682	12.4	642	12.8	648		
Otitis Media Acute	2.3	116	2.5	131	2.7	141	1.6	82		
Peripheral Nervous Disease	18.1	904	17.8	924	18.6	964	20.7	1,049		
Pleurisy	0.3	14	0.5	24	0.4	22	0.3	16		
Pneumonia and Pneumonitis	2.9	144	2.9	152	2.8	146	3.1	156		
Respiratory System Diseases	279.3	13,928	280.3	14,560	273.6	14,154	266.1	13,516		
Rubella	0.0	0	0.0	0	0.0	0	0.0	0		
Scabies	1.1	56	0.9	45	0.8	43	1.3	64		
Sinusitis	22.8	1,135	18.9	983	18.0	933	19.4	985		
Skin and Subcutaneous Tissue Infections	66.7	3,328	68.9	3,579	68.1	3,524	72.8	3,697		
Strep Throat and Peritonsillar Abscess	0.7	34	0.7	36	0.7	35	0.6	30		
Symptoms involving musculoskeletal	10.1	504	10.3	535	11.0	569	9.9	501		
Symptoms involving Respiratory and Chest	217.1	10,827	216.0	11,219	215.8	11,165	209.3	10,630		
Symptoms involving Skin and Integument Tissues	102.8	5,127	105.8	5,494	103.5	5,355	108.0	5,484		
Tonsillitis and acute Pharyngitis	31.1	1,550	32.2	1,670	31.6	1,633	30.5	1,550		
Upper Respiratory Tract Infections	144.6	7,212	142.4	7,394	137.3	7,102	128.3	6,514		
Urinary Tract Infections	13.5	675	14.2	735	14.6	753	15.4	780		
Viral Hepatitis	0.3	16	0.2	9	0.1	7	0.2	9		
Whooping Cough	0.0	1	0.0	2	0.0	1	0.0	1		
<b>Practice Count</b>		<b>496</b>		<b>508</b>		<b>506</b>		<b>504</b>		
<b>Denom</b>		<b>4,986,217</b>		<b>5,194,175</b>		<b>5,172,783</b>		<b>5,079,016</b>		

## FURTHER INFORMATION:

### About the report

#### Winter focus

The first two pages of data within this report focus on Influenza-like illness and COVID-19, in order to provide information about seasonal influenza and early warnings of any epidemic.

#### Rate calculation

Each weekly incidence rate is presented per 100,000 population. All presentations are for males and females, and for all age groups, unless otherwise stated.

The denominator used for this report is taken from our most recent extract of data from GP practice systems, and includes all patients currently registered with eligible practices. The denominator varies week-on-week as patients register and deregister; it may also be the case that all patients from an individual practice are excluded because of problems with the data extraction from that practice in a specific week. As stated above, patients who have withheld consent for data-sharing are excluded.

In addition to the national rate, we present data for the four NHS England regions: North; Midlands and East; South; and London.

#### Five-year averages

Weekly rates are set against a five-year average, previously we reported against a ten-year average. The change to a five-year average was made because longer-term trends in the incidence of disease have led to weekly rates for certain diseases becoming increasingly divergent from their ten-year average. The use of five-year averages lessens this effect and enables more meaningful comparison.

#### Threshold calculation for Influenza-Like Illness (ILI)

We are now using the Moving Epidemic Method (MEM) to calculate threshold and intensity levels for Influenza-Like Illness. MEM works by identifying seasonal epidemic peaks and then calculates thresholds and intensity levels based on the pre and post epidemic values. This allows us to report the severity of ILI against multiple thresholds, rather than a simple comparison with the five-year average as the wide variation in ILI year on year, especially during the seasonal peak, makes the average less representative.

In addition to the All Ages thresholds, we have also calculated thresholds for three age bands: those aged under 15, 15-64 year olds and those aged 65 and over. ILI incidence rates vary among different age groups, and the age-specific thresholds allow us to highlight epidemics where ILI disproportionately affects a particular age group.

This methodology is used by the European Centre for Disease Prevention and Control to standardise reporting of influenza activity across Europe, and is also in use by the UK Health Security Agency. Full details of the methodology can be found in: Vega *et al.* (2012) Influenza surveillance in Europe: establishing epidemic thresholds by the moving epidemic method. Influenza and Other Respiratory Viruses 7(4), 546–558. For ease of graphical representation, the final threshold (Very High) is not included in Graph A, page 2, but it is part of Table 3, page 3.

Both the *all-ages* thresholds and the *age-specific* thresholds are shown in Table 2, page 3. Ten years of data were used for *all-ages* and *age-specific* thresholds calculation (winter seasons 2006/07- 2016/17 excluding 2009/10).

## About the Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

### Acknowledgement:

Staff from the Data Science department at the National Physical Laboratory (<https://www.npl.co.uk/data-science>) assisted in the provision of and extension of the primary care national surveillance reports during the 2020 SARS-CoV-2 pandemic; as well as adding resilience.

### What we do

The RCGP RSC was established in 1957, with the current name in use since 2009. The Centre is an internationally renowned source of information, analysis and interpretation concerning the onset, patterns, prevalence and trends over time of morbidity in primary care. The RSC is an active research and surveillance unit that collects and monitors data; its most important research is the surveillance of influenza and the monitoring of vaccine effectiveness.

The RSC data and analytics hub is housed at the Oxford-Royal College of General Practitioners Research and Surveillance Centre.

Further information about the RSC can be found on our website:

<http://www.rcgp.org.uk/rsc>

### Our data extraction process and information governance

Data are extracted twice weekly from practice systems by Wellbeing data management on the RCGP's behalf. Patients who have withheld consent for data sharing are excluded from the extraction process.

Data are pseudonymised as close to source as possible. Data are held on secure servers at the RCGP data and analytics hub at the Oxford-Royal College of General Practitioners Research and Surveillance Centre. Both Wellbeing data management and the University of Oxford are Registered and compliant with the Data Protection Act and fully compliant with all relevant NHS Digital data information governance best practice.

### What the data is used for

The RCGP RSC has been providing reports weekly about health and disease, called the Weekly Returns Service (WRS) since 1964. The WRS monitors the number of patients consulting with new episodes of illness classified by diagnosis in England and provides weekly incidence rates per 100,000 population for these new episodes of illness. It is the key primary care element of the national disease monitoring systems run by the UK Health Security Agency. The bulletin can be found at the following URL:

<https://www.gov.uk/government/publications/syndromic-surveillance-summary>

In addition to the WRS, the data is used for other research studies. Any other uses of the data for research follow ethical approval or agreement from NIHR proportionate review, and where relevant Health Research Authority Confidential Advisory Group advice that further approval is not needed. Full details can be found on our website:

<http://www.rcgp.org.uk/rsc>

### For further information

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

RCGP Research & Surveillance Centre  
CIRC, First floor  
30 Euston Square  
London NW1 2FB  
Tel: +44 (0)203 188 7690

Director: Professor Simon de Lusignan  
[MedicalDirectorRSC@rcgp.org.uk](mailto:MedicalDirectorRSC@rcgp.org.uk)

University of Oxford  
Nuffield Department of Primary Care Health  
Sciences  
Eagle House  
7 Walton Well Road  
Oxford OX2 6ED

