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Royal College of General Practitioners

Annual Report 2019-2020

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# Research & Surveillance Centre

## Weekly Returns Service Annual Report 2019-2020

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## **2019-2020 Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre's (RSC) Annual Report for 2019-20**

### **Introduction**

Welcome to the Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre's (RSC) Annual Report for 2019-20, completing our 53<sup>rd</sup> season of surveillance. For over half a century the RSC has produced a Weekly Return of respiratory disease and other infections and an Annual Report. The network's primary area of interest is influenza and influenza vaccine effectiveness.<sup>1</sup>

The addition of "Oxford" to the RCGP RSC title reflects the move of the RCGP RSC network and its Director to the Nuffield Department of Primary Care Health Sciences at University of Oxford. The Director moved to Oxford in June 2019, followed by the Clinical Informatics and Health Outcomes research group in August 2019. However, the data processed for the period of this report was carried on the University of Surrey's secure network though this has now been replaced by the Oxford Royal College of General Practitioners Clinical Informatics Digital Hub "ORCHID Secure."<sup>2</sup> Our new research group website including access to dashboards and observatories is at: <https://orchid.phc.ox.ac.uk>; with the College website continuing to host our formal reports, including annual reports and Weekly Returns at: <https://www.rcgp.org.uk/rsc>.

This report covers the period from 6<sup>th</sup> May 2019 to 3<sup>rd</sup> May 2020; this is International Standards Organisation (ISO) week 19 2019 to the end of ISO week 18 of 2020.

Based on the virology samples taken by the RSC, Influenza A subtype H3N2 (A/H3N2) was the predominantly circulating virus. A/H3N2 was first detected in the network in week 44 (week commencing 28<sup>th</sup> October 2019) and peaked in week 51 (week commencing December 16<sup>th</sup> 2019).

The detection of clinical cases, influenza-like-illness (ILI) followed a similar pattern. ILI increased significantly in week 47 (commencing 18<sup>th</sup> November) and peaked in week 51. There was an end of season second peak in ILI between weeks 7 and 11 2020 (weeks commencing 10<sup>th</sup> February 9<sup>th</sup> March 2020 respectively). These peaks are likely to be associated with coronavirus-2019 illness (COVID-19).

The end of the 2019-2020 season saw the start of coronavirus 2019 (COVID-19) pandemic, its associated disease burden and excess mortality. It was also required a substantial modification of our approach to conducting surveillance,<sup>3</sup> and was associated with a surge in interest from practices who signed up to join our network, taking the number to just under 800 by the end of the season.

In this annual report we set out our method, key results for the year, and discuss our plans for the 2020/2021 season.

### **Method:**

#### **Overview:**

We report in the methods section the size of our network of member practices and how it has grown over the year of this report. We next describe the development of the RSC, our data extraction processes and how we ensure good information governance.

### **Member practices and network expansion:**

The Annual Report utilises pseudonymised data extracted from RCGP RSC member practices with good data quality, who have a reliable data extraction that week. Data quality is very important to the network and we encourage diseases and monitored conditions to be coded in the computerised medical record systems as “problems” which distinguishes first and new (incident cases) from reviews of ongoing problems (follow ups). Where data quality are poor we have to infer differences in episode type.<sup>4,5</sup>

We started the period of this Annual Report with 245 practices (combined registered list >2.5 million) and finished the reporting period with a Weekly Return that included 304 practices (combined registered list >3 million, Table 1).

We would like to thank all the practices and their patients within our network, without whose data our work would be impossible. The support of our member practices and the use of their pseudonymised patients’ data, we would not be able to carry out our crucial work of monitoring disease rates, assuring the effectiveness of national vaccination programmes, and participating in other research projects.

	Included in the Weekly Return		Data Extracted		Signed data sharing agreement	
	Practices (n)	Registered list (N)	Practices (n)	Registered list (N)	Practices (n)	Registered list (N)
Week 19 2019 Commencing 6/5/2019	245	2,525,130	326	3,230,235	507	5,113,054
Week 18 2020 Commencing 4/5/2020	304	3,161,217	432	4,414,346	783	8,519,847

**Table 1: Change in the size of the Oxford-RCGP RSC over the period of the 2019-2020 annual report. The practices included in the Weekly Return rose from 245 (registered population (N) >2.5 million) to 304 (N >3 million) across the period of the report. The number of practices where data were extracted rose from 326 (N >3 million) to 423 (N >4 million). Practices joining the network expanded from 507 (N >5 million) to 783 (N>8.5 million).**

The RSC had to substantially change from January 2020 with the arrival of COVID-19 in England.<sup>3</sup> Our practices have been extremely flexible in introducing patient home-based self-swabbing and introducing serology.

Traditionally, the RSC has had around 100 virology sampling practices. This number was increased to 293 by the end of this the period of this report. The highest number of virology swabs collected by the lab was 553 in a week, the cumulative total number across the season to 6,143 samples, one of our largest.

We also started taking serology specimens, primarily for serological surveillance but also as part of a household transmission and convalescent serology study. Sentinel networks lend themselves to conducting serological studies.<sup>6</sup> The RSC had previously piloted serology sampling.<sup>7</sup> 251 practices



became serology sampling practices during the last quarter of this report period. They started collecting specimens in week 12 (week commencing 18<sup>th</sup> March) and were collecting over 1,000 specimens per week by week 18, the end of this report period. The total collected during this period was 4,090 specimens. We also collected convalescent serological samples from 31 people and recruited 58 households into a household transmission study during this Annual report period.

**1. Water and Food Borne Disorders (Appendix B: page 1-2, Appendix C: page 1-3)**

Name	ICD-10	Name	ICD-10	Name	ICD-10
Intestinal Infections	A00-A0	Viral Hepatitis	B15-B19	Non-infective Enteritis / Colitis	K50-K52

**2. Environmentally Sensitive Disorders (Appendix B: page 3-4, Appendix C: page 4-7)**

Asthma	J45-J46	Respiratory / Chest symptoms	R05-R07; R09	Hay fever / Allergic Rhinitis	J30
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**3. Respiratory Infections (Appendix B: page 5-9, Appendix C: page 8-22)**

Acute Bronchitis	J20-J21; J4	Common Cold	R05 - R07; R09	Influenza like illness	J09-J11
Laryngitis / Tracheitis	J04	Pleurisy	R091	Pneumonia / Pneumonitis	J12-J18
Respiratory disorders	J00-J99	Acute Sinusitis	J01	Strep throat / peritonsillar abscess	A38; J020; J36
Tonsillitis / Pharyngitis	J02-J03	Upper Respiratory Tract Infection	J00-J06	Pertussis	A37
Infectious Mononucleosis	B27	Lower Respiratory Tract Infection	J20-J22	Acute Otitis Media	H650-H651; H660; H669

**4. Vaccine Sensitive Disorders (Appendix B: page 10, Appendix C: page 23-25)**

Measles	B05	Mumps	B26	Rubella	B06
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**5. Skin Contagions (Appendix B: page 11-13, Appendix C: page 26-33)**

Bullous Dermatoses	L10-L14	Chickenpox	B01	Herpes Simplex	B00
Herpes Zoster	B02	Skin subcutaneous infection	L00-L08	Scabies	B86
Skin symptoms	R20-R23	Impetigo	L01		

**6. Disorders Affecting the Nervous System (Appendix B: page 14, Appendix C: page 34-36)**

Peripheral Neuropathy	G50-G64; G70-G72	Meningitis and Encephalitis	A170-A171; A390; A83-A85; A87; G00-G05	Musculoskeletal symptoms	R25-R29
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**7. Genitourinary System Disorders (Appendix B: page 15, Appendix C: page 37)**

Urinary Tract Infection	N30; N390				
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**Table 2: The conditions / groups of conditions monitored by the Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC), network and their mappings to the World Health Organisation's (WHO) International Classification of Disease version 10 (ICD-10)**

Of particular importance in COVID-19 surveillance was that practices in our network discovered the first cases of COVID-19 where there was no evidence of foreign travel, namely that there was community spread of the virus. This led to the end of the containment period, and a move to what was termed “delay.”

We want to provide benefits for our practices beyond their altruism in supporting public health. We pay practices for the time involved in taking specimens taken, we also have a range of dashboards for general practices in our network so they can see real-time feedback on the number of microbiological samples they have provided in comparison to the whole RCGP RSC network, as well as encourage good data quality.<sup>8,9</sup>

We continue to encourage high quality clinical records. Member practices also have the opportunity to participate in research studies including trials. The Platform Randomised trial of Interventions against COVID-19 in older people (PRINCIPLE) trial of interventions for COVID-19 in people aged 50 years and over started within the RSC. This included recruiting its first subject.<sup>10</sup> Around 80% of the subjects recruited to PRINCIPLE in the period of this report were from RSC practices.

We look forward to our member practices participating in more interventional studies alongside our key work in surveillance. We welcome new practices from across the UK. Please contact the RCGP Practice Liaison Team [practiceenquiries@phc.ox.ac.uk](mailto:practiceenquiries@phc.ox.ac.uk).

### ***Working with and supporting Public Health England:***

The Oxford-RCGP RSC works in close collaboration with Public Health England (PHE). The principal funding of the RSC is from PHE, this collaboration with PHE and its predecessor's has been a successful collaboration running for over 50 years.<sup>1</sup>

The RSC is PHE's principal primary care surveillance system, working in collaboration with other sources of health service data. The RSC is recruited to be nationally representative (Appendix A), report weekly incidence of over 30 conditions specified by PHE (Table 2 and Appendix B). For these conditions we also report disparities in presentation by socioeconomic status, ethnicity and rurality (Appendix C). Numeric tables, available electronically, are provided (Appendix D) to match the data provided in Appendix B. We have also reported these data separately for COVID 19 (Appendix E).

The RSC's surveillance contributes to the Chief Medical Officer's decisions about when influenza is circulating. This announcement triggers permission being given to general practices to prescribe oral antiviral medication for influenza, where they feel appropriate.

The legal basis of our work with PHE is The Health Service (Control of Patient Information) Regulations 2002 establish a legal basis in England and Wales for data to be disclosed for public health purposes without patient consent. Our surveillance work with PHE is under Regulation 3 and some health promotion work under Regulation 5. The specific projects, including the extension to conduct Covid-19 surveillance, are individually approved by the PHE Caldicott Guardian, and then on an annual basis. All other studies obtain their own ethical approval.

The RSC is PHE's principal primary care surveillance system, working in collaboration with other sources of health service data.<sup>9</sup> The RSC monitors 34 conditions/groups of conditions specified by PHE (Table 2).

### ***Development of the Oxford-Royal College of General Practitioners Research and Surveillance Centre:***

The Oxford- RCGP RSC has re-designed its data extraction systems and created a new data and analytics hub at the University of Oxford. This will shortly replace the secure network at the University of Surrey. However, across the period of this report Surrey maintained the infrastructure that processed these data. In addition, academic staff at University of Surrey and from the National Physical Laboratory (NPL) assisted with data processing and creating reports. We are extremely grateful for this support.

This season has also seen the RSC move to using the Systematised Nomenclature of Medicine (SNOMED) Clinical Terms (CT) as its principal terminology.<sup>11</sup> The RSC was also pivotal in seeing that new codes for COVID-19 were created so that cases could be recorded in computerised medical record (CMR) systems.<sup>12</sup> Data quality/high quality CMRs are essential underpinning of our work.

The Oxford-RCGP RSC, extended its established work to monitor COVID-19 infection in the community (Table 1).<sup>3</sup> The network has continued to expand through the pandemic.

We reported early in the pandemic on which groups of patients were COVID-19 positive.<sup>13</sup> We also started using primary care data to report changes in mortality.<sup>14</sup> We reported the excess mortality in those with known COVID-19 status and for the whole population.<sup>15,16</sup> We also reported and the shift from face-to-face consultations to online consultations during the first wave of COVID-19.<sup>17</sup>

### ***RSC data extraction process and information governance***

We have a data sharing agreement (DSA) with member practices, they agree to provide pseudonymised data for surveillance, quality improvement, research and education, we describe this as “SQuIRE” purposes.

Extraction of GP data using pseudonymised NHS number as the unique key linking identifier, either daily or twice weekly. Data are pseudonymised as close to source as possible, this varies between brands of computer system. All data transfers are encrypted.

The pseudonymised NHS numbers and pseudonymisation algorithm for data linkage enable us to link data to other data sources at individual level, without knowing the identity of these individuals. This includes linkage to results held by PHE, hospital and death data, other disease registries. Additionally, we can link to other data collected from individually consented patients.

All of the data will be handled in accordance with the current University of Surrey and OXFORD-RCGP RSC Data Management Standard Operating Procedures (SOPs). The latter are aligned with the University of Oxford SOPs. These meet NHS Digital’s Data Security and Protection (DSP) Toolkit requirements.<sup>18</sup>

The ORCHID Hub is compliant with Data Protection Legislation, which relates to the protection of individuals with regards to the Processing of Personal Data to which a Party is subject, including the Data Protection Act 1998 and EC Directive 95/46/EC, and the subsequent the General Data Protection Regulation ((EU) 2016/679) (“GDPR”). It is also compliant with the NHS DSP and subject to DSA with all relevant parties.

## Results:

### Overview:

Our results section describes our current level of data quality. We then provide a summary of the respiratory surveillance results collected and influenza vaccine effectiveness for the season. We then give an overview of our monitored conditions and how they changed with the implementation of non-pharmacological interventions (NPI) including social distancing and lockdown at the start of 2020.<sup>19</sup> The end of the lockdown does not take place until after the end of the period of this report.

The report includes a series of appendices (Table 4). We invite readers to look at the effect of lockdown (Appendix B); and the impact of disparities (Appendix C). This appendix (Appendix C) looks at the age, gender, socioeconomic status (measured using the index of multiple deprivation (IMD)), ethnicity and rurality for each of our monitored conditions. These same data are provided for COVID-19 in Appendix E.

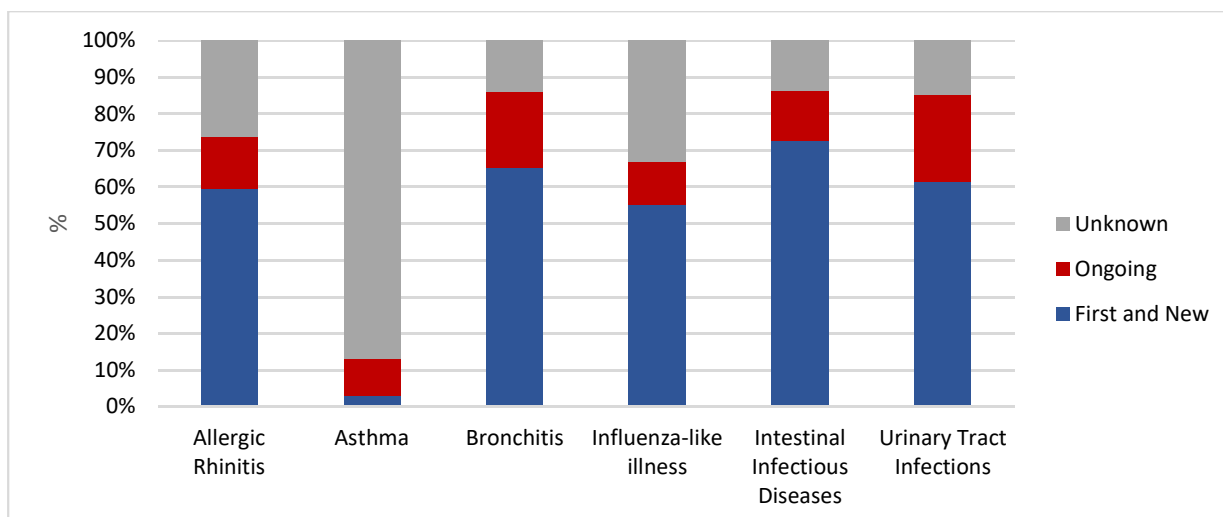
Finally, we list the papers produced from our data during the period of this report, by theme. Our research interests are wider than those surveillance.

Appendix	Title
A	Representativeness of the Oxford-RCGP RSC
B	Weekly incidence of the conditions monitored by Oxford-RCGP RSC
C	Disparities in the presentation of monitored conditions by age and gender, ethnicity, socioeconomic status (measured using IMD) and rurality
D	Numeric data tables matching Appendix B
E	COVID-19, incidence, disparities in presentation, and data table for the first wave of infection (during the period of this report).
F	Publications 2019/2020 according to themes classifications

**Table 3: Appendices to the 2019/2020 Annual Report**

### *Data quality and episode typing:*

We are committed to encouraging member practices to keep high quality medical records, with good data quality. This includes the recording of episode type. We report episode type for six exemplar conditions. For acute conditions episode type recording is of good quality. However, for long term conditions the recording of episode type can be less good – we show asthma as an exemplar (Figure 1).



Disease	First and New (n)	Ongoing (n)	Unknown (n)	Total (n)
Allergic Rhinitis	22,315	5,314	9,933	37,562
Asthma	51,684	175,704	1,534,746	1,762,134
Bronchitis	26,189	8,262	5,657	40,108
Influenza-like illness	15,128	3,256	9,107	27,491
Intestinal Infectious Diseases	22,450	4,185	4,236	30,871
Urinary Tract Infections	63,755	24,549	15,359	103,663
<b>Grand Total</b>	<b>201,521</b>	<b>221,270</b>	<b>1,579,038</b>	<b>2,001,829</b>

\*Data source: the RCGP RSC quarterly data 6th May 2019 to 3rd May 2020.

**Figure 1: Recording of episode type in six exemplar conditions. Asthma (a long term condition) has poor episode typing.**

**Summary of the respiratory surveillance specimens collected:**

Through the winter season virology specimens (nasopharyngeal swabs) are taken. In the period of this 2019-2020 annual report there were 6,143 virology swabs taken (Table 4).

		n	%
Influenza A	H1N1	110	1.8
	H3N2	563	9.2
Influenza B		90	1.5
<b>COVID-19</b>		<b>519</b>	<b>8.4</b>
Human Metapneumovirus		208	3.4
RSV	A	146	2.4
	B	171	2.8
Unknown*		1,672	27.2
No virus		2,664	43.4
<b>Total</b>		<b>6,143</b>	<b>100</b>

**Table 4: RSC virology samples taken in the period of the 2019-2020 Annual Report. Influenza A, H3N2 subtype was the predominant strain. Covid-19 was isolated from 8.4% of samples but these were only identified from the last day of January 2020. \*Unknown refers to specimens negative to Covid-19 but not tested for other viruses.**

**Summary of influenza vaccine uptake in the 2019-2020 season:**

We found good uptake of influenza vaccine in people age 65 years and older (57%), with lower rates in patients in risk groups (36%) and pregnant women (32%). The uptake of intranasal live attenuated influenza vaccine (LAIV) in children age 2-3 years was 33%, these children are immunised in general practice. For children 4-10 years old, immunised at school, uptake was 28%. There are some “other” people immunised in primary care, these tend to be carers and health workers, and represent around 3% of the total population vaccinated (Table 5).

GP records are of high quality for vaccinations carried out in primary care. However, where vaccinations are carried out outside primary care data about these may not reach the primary care computerised medical record.<sup>20</sup>

Eligible group	Total eligible population	Vaccine coverage
Adults aged 65+	875,205	57%
Children aged 2-3	51,936	33%
Children aged 4-10	369,409	28%
Other	2,908,834	3%
Pregnant women	55,213	32%
Risk group patients	591,586	36%
All patients	4,852,183	19%

**Table 5: Influenza vaccine uptake in RCGP RSC practices 2019-2020 season**

**Summary of influenza vaccine effectiveness in the 2019-2020 season:**

PHE’s uses RSC data to calculate flu vaccine effectiveness.<sup>9</sup> These data enable vaccine effectiveness (VE) to be calculated. Overall VE against A/H3N2 was 31.2% (95% Confidence Intervals (CI) 10.3-47.2%) and against A/H1N1 53% (95%CI 20.1-72.9). Overall, this season VE was 42.7% (95%CI 27.8-54.5%).

There were also differences by vaccine type. The VE for 2-to-17-year olds given live attenuated influenza vaccine (LAIV) was 45.5% (95%CI 12.6-65.9%); the VE for 18-to-64-year olds given any vaccine was 48.6 (95%CI 28.2-63.2%); and for people 65 years old or older VE was 22.7 (95%CI -38.5-56.9%).<sup>9</sup>

Overall vaccine effectiveness was not high especially against A/H3N2, or in those age 65 years and older. Though in the latter group the adjuvanted trivalent vaccine performed better than cell-based manufactured quadrivalent vaccine.

**Changes in monitored conditions during the first wave of COVID-19 (Appendix B):**

There were a range of non-pharmacological, public health measures put in place to slow the spread of COVID-19.<sup>19</sup> These had an effect on many, but not all of our monitored conditions. The date of the first lock down was announced on 9<sup>th</sup> March (week 11) with the end of foreign travel, with stricter regulations brought in on 26<sup>th</sup> March (week 13) extending the range of business closures. Lockdown continued until after the end of this report.

Over the period of observation most of our observed conditions declined (Table 6, and Appendices B and D). The ones that did not were pneumonia, which had a higher weekly incidence than previous years, though it did decline towards the end of lockdown and influenza-like-illness (ILI). ILI peaked, unsurprisingly at the same time as A/H3N2 before the end of the year, though a second peak around week 11 was probably due to COVID-19.

Monitored condition / group of conditions	Effect of lockdown	Comment, comparison with 5-year rolling average
Pneumonia / Pneumonitis	Increased	Increase incidence over most of observation period
Asthma	Small increase	Noted increase in London (weeks 15-17)
Hay fever / Allergic Rhinitis	Small decrease	Noted increase in London (weeks 15-17)
Influenza like illness	No change	Early ILI peak with flu (weeks 47-50) second peak (week 11) probably COVID-19
Rubella	No change	Small numbers
Bullous Dermatoses	No change	Small numbers
Mumps	Decreased	Small numbers, disease was well above average
Viral Hepatitis	Decreased	Small numbers
Pleurisy	Decreased	Small numbers
Pertussis	Decreased	Small numbers
Measles	Decreased	Small numbers
Meningitis and Encephalitis	Decreased	Small numbers
Herpes Zoster	Decreased	Small decrease
Intestinal Infections	Decreased	Incidence falls to around/under 50%
Non-infective Enteritis / Colitis	Decreased	Incidence falls to around/under 50%
Conjunctivitis	Decreased	Incidence falls to around/under 50%
Respiratory / Chest symptoms	Decreased	Incidence falls to around/under 50%
Acute Bronchitis	Decreased	Incidence falls to around/under 50%
Respiratory disorders	Decreased	Incidence falls to around/under 50%
Acute Sinusitis	Decreased	Incidence falls to around/under 50%
Tonsillitis / Pharyngitis	Decreased	Incidence falls to around/under 50%
Infectious Mononucleosis	Decreased	Incidence falls to around/under 50%
Lower Respiratory Tract Infection	Decreased	Incidence falls to around/under 50%
Acute Otitis Media	Decreased	Incidence falls to around/under 50%
Herpes Simplex	Decreased	Incidence falls to around/under 50%
Skin / subcutaneous infection	Decreased	Incidence falls to around/under 50%
Scabies	Decreased	Incidence falls to around/under 50%
Skin symptoms	Decreased	Incidence falls to around/under 50%
Impetigo	Decreased	Incidence falls to around/under 50%
Peripheral Neuropath	Decreased	Incidence falls to around/under 50%
Musculoskeletal symptoms	Decreased	Incidence falls to around/under 50%
Urinary Tract Infection	Decreased	Incidence falls to around/under 50%
Common Cold	Decreased	Incidence falls to around/less than 20%
Laryngitis / Tracheitis	Decreased	Incidence falls to around/less than 20%
Strep throat / peritonsillar abscess	Decreased	Incidence falls to around/less than 20%
Upper Respiratory Tract Infection	Decreased	Incidence falls to around/less than 20%
Chickenpox	Decreased	Incidence falls to around/less than 20%

**Table 6: Change in the weekly incidence of monitored conditions with the implementation of non-pharmaceutical public health interventions to slow the spread of COVID-19. The detailed weekly incidence by condition is in Appendix B.**

There was little change in atopic conditions, with a higher incidence of allergic rhinitis and asthma in London region. The largest drop in weekly incidence was seen for upper respiratory infections and chicken pox where the weekly incidence fell to around or less than 20% of our 5-year average weekly incidence.

Finally, our data (Appendix E) shows the disparities in COVID-19 by gender (male), ethnicity (black and Asian ethnicity), and in high population density. This has been reflected in our published analysis.<sup>13</sup>

***Publications, by theme, over the period of the annual report (6th May 2019 to 3rd May 2020)  
(Appendix F)***

There have been 44 publications over the reporting period. These publications are across different themes namely, surveillance and acute pathways of care, cardiovascular and diabetes, cancer, mental health, and clinical informatics.

**Discussion:**

This year's annual report describes the willingness of primary care to share data, particularly at a time of national emergency.

We also report a season with predominantly circulating influenza AH3N2 and modest vaccine effectiveness.

However, the striking event was the role of the network in adapting to conduct surveillance of COVID-19 and recording its first peak. We also started to report mortality using primary care data. We are also able to report the impact of lockdown on many of our monitored conditions. Very few conditions increased. There was an increased incidence of the atopic conditions, asthma and allergic rhinitis. Additionally, conditions that might be related to COVID-19, namely pneumonia and influenza-like-illness, increased or were static respectively. Most monitored conditions reduced to around 50% of their anticipated seasonal level.

We will run our next report from January 2020 through to May 2021 to incorporate first and second waves of COVID-19.

***Participating Practices***

This list includes all practices who were members of the RSC network at any point during the period covered by this report. We would like to thank practices for their participation in the work of the RSC.

<b>Practice Name</b>	<b>NHS Region</b>
ASPATRIA MEDICAL GROUP	North East and Yorkshire



<b>Practice Name</b>	<b>NHS Region</b>
BEACON VIEW MEDICAL CENTRE	North East and Yorkshire
BELLBROOKE SURGERY	North East and Yorkshire
BRIDGE END SURGERY	North East and Yorkshire
BURN BRAE MEDICAL GROUP	North East and Yorkshire
CAMBRIDGE AVENUE MEDICAL CENTRE	North East and Yorkshire
CASTLEGATE AND DERWENT SURGERY	North East and Yorkshire
CHEVELEY PARK MEDICAL CTR	North East and Yorkshire
CLIFTON MEDICAL CENTRE	North East and Yorkshire
CONISBROUGH GROUP PRACTICE	North East and Yorkshire
COURT THORN SURGERY	North East and Yorkshire
CROSS HILLS GROUP PRACTICE	North East and Yorkshire
EASTGATE MEDICAL GROUP	North East and Yorkshire
EDEN MEDICAL GROUP	North East and Yorkshire
FELL TOWER MEDICAL CENTRE	North East and Yorkshire
FELLVIEW HEALTHCARE	North East and Yorkshire
FISHER MEDICAL CENTRE	North East and Yorkshire
FUSEHILL MEDICAL PRACTICE	North East and Yorkshire
GLENPARK MEDICAL CENTRE	North East and Yorkshire
GREENHEAD FAMILY DOCTORS	North East and Yorkshire
HOLDERNESS HEALTH	North East and Yorkshire
HOLLYHURST MEDICAL CENTRE	North East and Yorkshire
IMEARY STREET PRACTICE	North East and Yorkshire

<b>Practice Name</b>	<b>NHS Region</b>
IRELAND WOOD SURGERY	North East and Yorkshire
JAMES STREET GROUP PRACT	North East and Yorkshire
KILMENY GROUP MEDICAL PRACTICE	North East and Yorkshire
LAUREL BANK SURGERY	North East and Yorkshire
MILLFIELD MEDICAL GROUP	North East and Yorkshire
MILLFIELD SURGERY	North East and Yorkshire
MY HEALTH GROUP	North East and Yorkshire
NORMANBY MEDICAL CENTRE	North East and Yorkshire
NORTH HOUSE SURGERY	North East and Yorkshire
NORTH STREET MEDICAL PRACTICE	North East and Yorkshire
OAKWORTH MEDICAL PRACTICE	North East and Yorkshire
PELAW MEDICAL PRACTICE	North East and Yorkshire
PICKERING MEDICAL PRACTICE	North East and Yorkshire
QUEEN STREET MEDICAL PRACTICE	North East and Yorkshire
QUEENS ROAD SURGERY	North East and Yorkshire
REETH MEDICAL CENTRE	North East and Yorkshire
REGENT MEDICAL CENTRE	North East and Yorkshire
RIVERSIDE SURGERY	North East and Yorkshire
SCORTON MEDICAL CENTRE	North East and Yorkshire
SILLOTH GROUP MEDICAL PRACTICE	North East and Yorkshire
SLOAN MEDICAL CENTRE	North East and Yorkshire
TEAMS MEDICAL PRACTICE	North East and Yorkshire

<b>Practice Name</b>	<b>NHS Region</b>
TEMPLE SOWERBY MEDICAL PRACTICE	North East and Yorkshire
THE ADDERLANE SURGERY	North East and Yorkshire
THE DOVE VALLEY PMS PRACTICE	North East and Yorkshire
THE MEDICAL CENTRE DR OKORIE	North East and Yorkshire
THE SCOTT PRACTICE	North East and Yorkshire
THE WILLOWS MEDICAL CTR.	North East and Yorkshire
THORNTON & DENHOLME MEDICAL PRACTICE	North East and Yorkshire
WARWICK ROAD SURGERY	North East and Yorkshire
WEST COMMON LANE TEACHING PRACTICE	North East and Yorkshire
WHITBY GROUP PRACTICE	North East and Yorkshire
WHITE ROSE SURGERY	North East and Yorkshire
AMBLESIDE HEALTH CENTRE	North West
ASH TREE HOUSE SURGERY	North West
ASHCROFT SURGERY	North West
ASHFIELDS PRIMARY CARE CENTRE	North West
ASTLEY GENERAL PRACTICE	North West
BARLOW MEDICAL CENTRE	North West
BARNOLDSWICK MED CTR	North West
BARRINGTON MEDICAL CENTRE	North West
BEE FOLD MEDICAL CENTRE	North West
BELLE VALE HEALTH CENTRE	North West
BERRY LANE MEDICAL CENTRE	North West

<b>Practice Name</b>	<b>NHS Region</b>
BLOCK LANE SURGERY	North West
BRAITHWAITE RD SURGERY	North West
BROKEN CROSS SURGERY	North West
BROWNLOW HEALTH AT KENSINGTON	North West
BRYN STREET SURGERY	North West
CARTMEL SURGERY	North West
CASTLEFIELDS HEALTH CENTRE	North West
CHADDERTON SOUTH HEALTH CENTRE	North West
CLEVELEYS GROUP PRACTICE	North West
COLNE ROAD SURGERY	North West
CUMBERLAND HOUSE SURGERY	North West
DARWEN HEALTHCARE	North West
DINAS LANE MEDICAL CENTRE	North West
EASTHAM GROUP PRACTICE	North West
ELLENBROOK MEDICAL CENTRE	North West
FIVE OAKS FAMILIY PRACTICE	North West
FLEETWOOD SURGERY	North West
GARSWOOD SURGERY	North West
GROVE HOUSE PRACTICE	North West
HALL STREET MEDICAL CENTRE	North West
HELSEBY HEALTH CENTRE	North West
HIGH STREET SURGERY	North West

<b>Practice Name</b>	<b>NHS Region</b>
HIGHER INCE SURGERY	North West
KENMORE MEDICAL CENTRE	North West
LACHE HEALTH CENTRE	North West
LAUREL BANK SURGERY	North West
LAYTON MEDICAL CENTRE	North West
LEIGH FAMILY PRACTICE	North West
LOWER INCE SURGERY	North West
MANCHESTER MEDICAL	North West
MEDLOCK MEDICAL PRACTICE	North West
MEREPARK MEDICAL CENTRE	North West
MIDDLEWOOD PARTNERSHIP	North West
NEWTON MEDICAL CENTRE	North West
OAK VALE MEDICAL CENTRE	North West
OAKENHURST MEDICAL PRACTICE	North West
ORCHARD SURGERY	North West
PARK GREEN SURGERY	North West
PARK LANE SURGERY	North West
PARK VIEW MEDICAL CENTRE	North West
PENDLE VIEW MEDICAL CTRE	North West
PIKE MEDICAL PRACTICE	North West
POPLAR STREET SURGERY	North West
PRIORY MEDICAL CENTRE	North West

<b>Practice Name</b>	<b>NHS Region</b>
READESMOOR MEDICAL GROUP PRACTICE	North West
REGENT HOUSE SURGERY	North West
ROYTON MEDICAL CENTRE	North West
SADDLEWORTH MEDICAL PRACTICE	North West
SANDY LANE SURGERY	North West
SEDBERGH MEDICAL PRACTICE	North West
SHIFA SURGERY	North West
SOUTH PARK SURGERY	North West
ST CATHERINE'S SURGERY	North West
ST FILLAN'S MEDICAL CTRE	North West
ST PAULS MEDICAL CENTRE	North West
ST. JAMES' HEALTH CENTRE	North West
STATION HOUSE SURGERY	North West
THE BOWERY MEDICAL CENTRE	North West
THE ERIC MOORE PARTNERSHIP	North West
THE GILL MEDICAL PRACTICE	North West
THE HEALTH CENTRE (HOLMES CHAPEL)	North West
THE HEIGHT GENERAL PRACTICE	North West
THE KILTEARN MEDICAL CTR.	North West
THE MARSHSIDE SURGERY	North West
THE RICHMOND HILL PRACTICE	North West
THE VILLAGE PRACTICE	North West

<b>Practice Name</b>	<b>NHS Region</b>
THE VILLAGE SURGERIES CROSTON&ECCLESTON	North West
VAUXHALL HEALTH CENTRE	North West
VILLA MED CTR	North West
WATERLOO MEDICAL CENTRE	North West
WATERS EDGE MEDICAL CENTRE	North West
WEST GORTON MEDICAL PRACTICE	North West
WEST TIMPERLEY MEDICAL CENTRE	North West
WHALLEY MEDICAL CENTRE	North West
WILMSLOW HEALTH CENTRE	North West
WINDERMERE HEALTH CENTRE	North West
WOOLTON HOUSE MEDICAL CTR	North West
WORDEN MEDICAL CENTRE	North West
XAVIER CA	North West
ALCONBURY SURGERY	East of England
BALFOUR MEDICAL CENTRE	East of England
CHERRY HINTON MEDICAL CENTRE	East of England
COMBERTON SURGERY	East of England
CORNERSTONE PRACTICE	East of England
DAVENPORT HOUSE SURGERY	East of England
FLITWICK SURGERY	East of England
FRAMLINGHAM SURGERY	East of England
GARSTON MEDICAL CENTRE	East of England

<b>Practice Name</b>	<b>NHS Region</b>
GROVE SURGERY	East of England
HARVEY GROUP PRACTICE	East of England
KINGS MEDICAL CENTRE	East of England
MANOR FARM MEDICAL CENTRE	East of England
PAPWORTH SURGERY	East of England
PRIORY GARDENS SURGERY	East of England
SCHOOL LANE SURGERY	East of England
THE FRESHFORD PRACTICE	East of England
THE PENINSULA PRACTICE	East of England
WANSFORD	East of England
WELLSIDE SURGERY	East of England
ALCESTER HEALTH CENTRE	Midlands
ALFRED SQUIRE ROAD SURGERY	Midlands
AUDLEY HEALTH CENTRE	Midlands
BASLOW HEALTH CENTRE	Midlands
BERKLEY PRACTICE	Midlands
BEWDLEY MEDICAL CENTRE	Midlands
BISHOPS CASTLE SURGERY	Midlands
BLOXWICH MEDICAL PRACTICE	Midlands
BUDBROOKE MEDICAL CENTRE	Midlands
BUSHLOE SURGERY	Midlands
CASTLE MEADOWS SURGERY	Midlands



<b>Practice Name</b>	<b>NHS Region</b>
COLLINGWOOD FAMILY PRACTICE	Midlands
COPSEWOOD MEDICAL CENTRE	Midlands
CORBETT MEDICAL PRACTICE	Midlands
COTTERILS LANE SURGERY	Midlands
COVENTRY ROAD PRACTICE	Midlands
DRONFIELD MEDICAL PRACTICE	Midlands
EAST PARK MEDICAL PRACTICE	Midlands
ELMSWOOD SURGERY	Midlands
EVE HILL MEDICAL PRACTICE	Midlands
FAIRFIELDS PRACTICE	Midlands
FEATHERSTONE	Midlands
FORRESTER STREET MEDICAL CENTRE	Midlands
FRANKLEY HEALTH CENTRE	Midlands
HARBORNE MEDICAL PRACTICE	Midlands
HARDEN BLAKENALL	Midlands
HUSBANDS BOSWORTH MEDICAL CENTRE	Midlands
KEYNELL COVERT	Midlands
KIDDERMINSTER MEDICAL CENTRE	Midlands
KINGSFIELD MEDICAL CENTRE	Midlands
KNOCKIN MEDICAL CENTRE	Midlands
LANGHAM PLACE SURGERY	Midlands
LEA ROAD MEDICAL PRACTICE	Midlands

<b>Practice Name</b>	<b>NHS Region</b>
LEEK HEALTH CENTRE	Midlands
LITTLE LONDON SURGERY	Midlands
MANOR COURT SURGERY	Midlands
MARKET HARBOROUGH MED.CTR	Midlands
MILEHOUSE MEDICAL PRACTICE	Midlands
MODALITY DARLASTON PRACTICE	Midlands
MODALITY ENKI MEDICAL PRACTICE	Midlands
MUCH WENLOCK & CRESSAGE MEDICAL PRACTICE	Midlands
NEW INVENTION HEALTH CENTRE	Midlands
NEW ROAD SURGERY BROMSGROVE	Midlands
OAKWOOD SURGERY	Midlands
PALFREY HEALTH CENTRE	Midlands
PARK LEYS MEDICAL PRACTICE	Midlands
PLECK HEALTH CENTRE	Midlands
PONTESBURY & WORTHEN MEDICAL PRACTICE	Midlands
PRIMROSE LANE PRACTICE	Midlands
QUARRY BANK MEDICAL CENTRE	Midlands
REVEL SURGERY	Midlands
SHERBOURNE MEDICAL CENTRE	Midlands
SHIPSTON MEDICAL CENTRE	Midlands
SOMERCOTES MEDICAL CENTRE	Midlands
ST JOHN'S MEDICAL CENTRE	Midlands

<b>Practice Name</b>	<b>NHS Region</b>
STATION VIEW HEALTH CENTRE	Midlands
STIRCHLEY MEDICAL PRACTICE	Midlands
STOCKINGFORD MEDICAL CENTRE	Midlands
STOURPORT HEALTH CENTRE	Midlands
STOURPORT MEDICAL CENTRE	Midlands
THE BRIMINGTON SURGERY	Midlands
THE CHURCH STREET PRACTICE	Midlands
THE GRANGE MEDICAL CENTRE	Midlands
THE KEYS FAMILY PRACTICE	Midlands
THE SMETHWICK MEDICAL CENTRE	Midlands
THE SURGERY @ AYLESTONE	Midlands
THE WESTGATE PRACTICE	Midlands
THORNLEY STREET SURGERY	Midlands
THORNS ROAD SURGERY	Midlands
TOWCESTER MEDICAL CENTRE	Midlands
VALE OF RED HORSE	Midlands
VICTORIA ROAD SURGERY	Midlands
WALNUT ST MED CTR (LEICESTER MED GROUP)	Midlands
WOLSTANTON MEDICAL CENTRE	Midlands
ABERFELDY PRACTICE	London
AMPTHILL PRACTICE	London
ARCADIAN GARDENS SURGERY	London

<b>Practice Name</b>	<b>NHS Region</b>
AT MEDICS - THE LOXFORD PRACTICE	London
BANK HOUSE SURGERY	London
BARLBY SURGERY	London
BINFIELD ROAD SURGERY	London
BRIGSTOCK & SOUTH NORWOOD PARTNERSHIP	London
BURNLEY PRACTICE	London
CATOR MEDICAL CENTRE	London
CEDAR BROOK PRACTICE	London
CITY ROAD MEDICAL CENTRE	London
CLAPHAM PARK GROUP PRACTICE	London
DR CURRAN & PARTNERS	London
DR KOONER AND PARTNERS	London
EDITH CAVELL PRACTICE	London
ELLIOTT HALL MEDICAL CTR.	London
ELM HOUSE SURGERY	London
FALMOUTH ROAD GROUP PRACTICE	London
GLADSTONE MEDICAL CENTRE	London
HANLEY PRIMARY CARE CENTRE	London
HEADLEY DRIVE SURGERY	London
ILFORD MEDICAL CENTRE	London
ISLAND HEALTH	London
KENTON BRIDGE MEDICAL CENTRE DR GOLDEN	London

<b>Practice Name</b>	<b>NHS Region</b>
KILLICK STREET HEALTH CENTRE	London
KINGS CROSS SURGERY	London
LANCELOT MEDICAL CENTRE	London
LOWER CLAPTON GROUP PRACTICE	London
LUCAS AVENUE PRACTICE	London
LYNDHURST ROAD MEDICAL CENTRE	London
MILLWAY MEDICAL PRACTICE	London
MOLLISON WAY SURGERY	London
MOUNTWOOD SURGERY	London
NEW ADDINGTON GROUP PRACTICE	London
NIGHTINGALE HOUSE	London
NORBURY HEALTH CENTRE (02)	London
OAK LODGE MEDICAL CENTRE	London
PARKSIDE GROUP PRACTICE	London
PLUMSTEAD H/C PMS	London
PRESTON HILL SURGERY	London
QUEENS ROAD SURGERY	London
RICHFORD GATE MEDICAL CENTRE	London
ROYAL ARSENAL MEDICAL CENTRE	London
SELSDON PARK MEDICAL PRACTICE	London
SILVERLOCK MEDICAL CENTRE	London
SOMERS TOWN MEDICAL CENTRE	London

<b>Practice Name</b>	<b>NHS Region</b>
ST ANN'S ROAD SURGERY	London
STREATHAM HIGH PRACTICE	London
STREATHAM PLACE SURGERY	London
THE ABBOTSBURY PRACTICE	London
THE BLITHEHALE MED.CTR.	London
THE CORNER SURGERY	London
THE DEVONSHIRE LODGE PRACTICE	London
THE EXCHANGE SURGERY	London
THE FRYENT WAY SURGERY	London
THE GREYSWOOD PRACTICE	London
THE LISTER PRACTICE	London
THE MILL HILL SURGERY	London
THE MITCHISON ROAD SURGERY	London
THE NEW MILL STREET SURGERY	London
THE PHOENIX PRACTICE	London
THE PRACTICE ALBERT ROAD	London
THE WEMBLEY PRACTICE	London
THE WESTWOOD SURGERY	London
THORNTON & VALLEY PARK SURGERY	London
TROWBRIDGE PRACTICE	London
WAKEMANS HILL SURGERY	London
WHITECHAPEL HEALTH CENTRE	London

<b>Practice Name</b>	<b>NHS Region</b>
WOODGRANGE MEDICAL PRACTICE	London
WOODLANDS PRACTICE	London
19 BEAUMONT STREET SURGERY	South East
28 BEAUMONT STREET	South East
ADUR HEALTH PARTNERSHIP	South East
ASHLEY CENTRE SURGERY	South East
BERINSFIELD HEALTH CENTRE	South East
BICESTER HEALTH CENTRE	South East
BIRCHWOOD MEDICAL PRACTICE	South East
BLACKTHORN	South East
BOTLEY MEDICAL CENTRE	South East
BROADSHIRES HEALTH CENTRE	South East
BROW MEDICAL CENTRE	South East
BURDWOOD SURGERY	South East
BURMA HILL PRACTICE	South East
CANTERBURY MEDICAL PRACTICE	South East
CAPELFIELD SURGERY	South East
CHALGROVE & WATLINGTON SURGERIES	South East
CHAWTON PARK SURGERY	South East
CHURCH STREET PRACTICE	South East
CRANLEIGH MEDICAL PRACTICE	South East
CROUCH OAK FAMILY PRACTICE	South East

<b>Practice Name</b>	<b>NHS Region</b>
DAPDUNE HOUSE SURGERY	South East
EAST CLIFF MEDICAL PRACTICE	South East
EYNSHAM MEDICAL GROUP	South East
FOUNTAIN PRACTICE	South East
FRIARSGATE PRACTICE	South East
FURNACE GREEN SURGERY	South East
GOSFORD HILL MEDICAL CENTRE	South East
GOSPORT MEDICAL CENTRE	South East
GROVELANDS MEDICAL CENTRE	South East
GUILDOWNS GROUP PRACTICE	South East
HASLEMERE HEALTH CENTRE	South East
JUDGES CLOSE SURGERY	South East
LEACROFT MEDICAL PRACTICE	South East
LIPHOOK AND LISS SURGERY	South East
LONGCROFT CLINIC	South East
LOWFIELD MEDICAL CENTRE	South East
MALTHOUSE SURGERY	South East
MANOR SURGERY	South East
MAYWOOD HEALTH CARE CENTRE	South East
MILMAN & KENNET SURGERY	South East
MORLAND HOUSE SURGERY	South East
NEW HAYESBANK SURGERY	South East



<b>Practice Name</b>	<b>NHS Region</b>
NEW INN SURGERY	South East
NEWTON PLACE SURGERY	South East
NORTHBOURNE MEDICAL CENTRE	South East
OAK TREE HEALTH CENTRE	South East
OAKFIELD SURGERY	South East
OAKLANDS HEALTH CENTRE	South East
OTFORD MEDICAL PRACTICE	South East
PARK ROAD GROUP PRACTICE	South East
PARK SURGERY	South East
PARK SURGERY	South East
PORTSLADE HEALTH CENTRE	South East
RINGMEAD MEDICAL PRACTICE	South East
RUDGWICK MEDICAL CENTRE	South East
SHIP STREET SURGERY	South East
SMALLFIELD SURGERY	South East
SOUTHVIEW MEDICAL PRACTICE	South East
SPRING STREET SURGERY	South East
ST ANDREWS MEDICAL CENTRE	South East
ST DAVID'S FAMILY PRACTICE	South East
ST. BARTHOLOMEWS MEDICAL CENTRE	South East
ST. CLEMENT'S SURGERY	South East
STEYNING HEALTH CENTRE	South East

<b>Practice Name</b>	<b>NHS Region</b>
STOCKBRIDGE SURGERY	South East
STONELEIGH SURGERY	South East
STUDHOLME MEDICAL CENTRE	South East
SUMMERTOWN HEALTH CENTRE	South East
THATCHAM HEALTH CENTRE	South East
THE ABINGDON SURGERY	South East
THE ANDOVER HEALTH CENTRE MEDICAL PRACT	South East
THE BOAT HOUSE SURGERY	South East
THE CAMBRIDGE PRACTICE	South East
THE CHURCH VIEW PRACTICE	South East
THE CHURCHILL CLINIC	South East
THE GRANGE PRACTICE	South East
THE HALL PRACTICE	South East
THE LIGHTHOUSE MEDICAL PRACTICE	South East
THE VINE MEDICAL CENTRE	South East
THORNDIKE PARTNERSHIP	South East
TOWNHILL MEDICAL PRACTICE	South East
TRINITY MEDICAL CENTRE	South East
UNITY HEALTH	South East
VINE MEDICAL GROUP	South East
WARDERS MEDICAL CENTRE	South East
WARLINGHAM GREEN MED PRAC	South East

<b>Practice Name</b>	<b>NHS Region</b>
WESTONGROVE PARTNERSHIP	South East
WHITE CLIFFS MEDICAL CENTRE	South East
WINDRUSH MEDICAL PRACTICE	South East
WOKINGHAM MEDICAL CENTRE	South East
WOODBIDGE HILL SURGERY	South East
ASPEN MEDICAL PRACTICE	South West
AXBRIDGE SURGERY	South West
BEECHWOOD MEDICAL PRACTICE	South West
BODRIGGY HEALTH CENTRE	South West
BUTTERCROSS HEALTH CENTRE	South West
CAEN MEDICAL CENTRE	South West
CARNEWATER PRACTICE	South West
CHEDDAR MEDICAL CENTRE	South West
CHURCH STREET PRACTICE	South West
CHURCH STREET SURGERY, MARTOCK	South West
CLEVEDON MEDICAL CENTRE	South West
COMPASS HOUSE MEDICAL CENTRES	South West
CONCORD MEDICAL CENTRE	South West
COTSWOLD MEDICAL PRACTICE	South West
CRESCENT BAKERY	South West
CREWKERNE HEALTH CENTRE, CREWKERNE	South West
DUNSTER & PORLOCK SURGERIES	South West

<b>Practice Name</b>	<b>NHS Region</b>
EAST QUAY MEDICAL CENTRE	South West
FALLODON WAY MEDICAL CENTRE	South West
FRIARY HOUSE SURGERY	South West
FRITHWOOD SURGERY	South West
GLASTONBURY SURGERY	South West
GLOUCESTER ROAD MEDICAL CENTRE	South West
GREENWAY COMMUNITY PRACTICE	South West
GROVE HOUSE SURGERY	South West
HALDON HOUSE SURGERY	South West
HAMDON MEDICAL CENTRE, STOKE-SUB-HAMDON	South West
HARPTREE SURGERY	South West
HARRIS MEMORIAL SURGERY	South West
LANGPORT SURGERY	South West
MILLBROOK SURGERY, CASTLE CARY	South West
MINEHEAD MEDICAL CENTRE	South West
MONKS PARK SURGERY	South West
NEWQUAY HEALTH CENTRE	South West
NIGHTINGALE VALLEY PRACTICE	South West
OAK TREE SURGERY	South West
OKEHAMPTON MEDICAL CENTRE	South West
PHOENIX HEALTH GROUP	South West
PORT VIEW SURGERY	South West

<b>Practice Name</b>	<b>NHS Region</b>
PORTISHEAD MEDICAL GROUP	South West
RAME GROUP PRACTICE	South West
REGENT STREET SURGERY	South West
RENDCOMB SURGERY	South West
ROSELAND SURGERIES	South West
SHIREHAMPTON GROUP PRACTICE	South West
ST. AGNES SURGERY	South West
ST. AUGUSTINES SURGERY	South West
STOW SURGERY	South West
TAWSTOCK MEDICAL CENTRE, CHARD	South West
THE MILTON SURGERY	South West
THE MULLION & CONSTANTINE GROUP PRACTICE	South West
TUDOR LODGE SURGERY	South West
TYNTESFIELD MEDICAL GROUP	South West
WADEBRIDGE & CAMEL ESTUARY PRACTICE	South West
WALNUT TREE PRACTICE	South West
WELLS HEALTH CENTRE	South West
WEST CHELTENHAM MEDICAL	South West
WEST COKER SURGERY	South West
WEST WALK SURGERY	South West
WESTBURY ON TRYM PRIMARY CARE CENTRE	South West
WHIPTON SURGERY	South West

<b>Practice Name</b>	<b>NHS Region</b>
WHITELADIES MEDICAL GROUP	South West
WINCANTON HEALTH CENTRE	South West
WINSCOMBE SURGERY	South West
WONFORD GREEN SURGERY	South West
YORKLEIGH SURGERY(CT)	South West

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## References:

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- <sup>1</sup> de Lusignan S, Correa A, Smith GE, Yonova I, Pebody R, Ferreira F, Elliot AJ, Fleming D. RCGP Research and Surveillance Centre: 50 years' surveillance of influenza, infections, and respiratory conditions. *Br J Gen Pract.* 2017 Oct;67(663):440-441. doi: 10.3399/bjgp17X692645.
- <sup>2</sup> de Lusignan S, Jones N, Dorward J, Byford R, Liyanage H, Briggs J, Ferreira F, Akinyemi O, Amirthalingam G, Bates C, Lopez Bernal J, Dabrera G, Eavis A, Elliot AJ, Feher M, Krajenbrink E, Hoang U, Howsam G, Leach J, Okusi C, Nicholson B, Nieri P, Sherlock J, Smith G, Thomas M, Thomas N, Tripathy M, Victor W, Williams J, Wood I, Zambon M, Parry J, O'Hanlon S, Joy M, Butler C, Marshall M, Hobbs FDR. The Oxford Royal College of General Practitioners Clinical Informatics Digital Hub: Protocol to Develop Extended COVID-19 Surveillance and Trial Platforms. *JMIR Public Health Surveill.* 2020 Jul 2;6(3):e19773. doi: 10.2196/19773.
- <sup>3</sup> de Lusignan S, Lopez Bernal J, Zambon M, Akinyemi O, Amirthalingam G, Andrews N, Borrow R, Byford R, Charlett A, Dabrera G, Ellis J, Elliot AJ, Feher M, Ferreira F, Krajenbrink E, Leach J, Linley E, Liyanage H, Okusi C, Ramsay M, Smith G, Sherlock J, Thomas N, Tripathy M, Williams J, Howsam G, Joy M, Hobbs R. Emergence of a Novel Coronavirus (COVID-19): Protocol for Extending Surveillance Used by the Royal College of General Practitioners Research and Surveillance Centre and Public Health England. *JMIR Public Health Surveill.* 2020 Apr 2;6(2):e18606. doi: 10.2196/18606.
- <sup>4</sup> Smith N, Livina V, Byford R, Ferreira F, Yonova I, de Lusignan S. Automated Differentiation of Incident and Prevalent Cases in Primary Care Computerised Medical Records (CMR). *Stud Health Technol Inform.* 2018;247:151-155.
- <sup>5</sup> de Lusignan S, Smith N, Livina V, Yonova I, Webb R, Thomas SA. Analysis of Primary Care Computerised Medical Records with Deep Learning. *Stud Health Technol Inform.* 2019;258:249-250.
- <sup>6</sup> de Lusignan S, Correa A. Opportunities and challenges of a World Serum Bank. *Lancet.* 2017 Jan 21;389(10066):250-251. doi: 10.1016/S0140-6736(17)30046-6.
- <sup>7</sup> de Lusignan S, Borrow R, Tripathy M, Linley E, Zambon M, Hoschler K, Ferreira F, Andrews N, Yonova I, Hriskova M, Rafi I, Pebody R. Serological surveillance of influenza in an English sentinel network: pilot study protocol. *BMJ Open.* 2019 Mar 8;9(3):e024285. doi: 10.1136/bmjopen-2018-024285.
- <sup>8</sup> Liyanage H, Akinyemi O, Pathirannahelage S, Joy M, de Lusignan S. Near Real Time Feedback of Seasonal Influenza Vaccination and Virological Sampling: Dashboard Utilisation in a Primary Care Sentinel Network. *Stud Health Technol Inform.* 2020 Jun 16;270:1339-1340. doi: 10.3233/SHTI200431.
- <sup>9</sup> Pathirannahelage S, Kumarapeli P, Byford R, Yonova I, Ferreira F, de Lusignan S. Uptake of a Dashboard Designed to Give Realtime Feedback to a Sentinel Network About Key Data Required for Influenza Vaccine Effectiveness Studies. *Stud Health Technol Inform.* 2018;247:161-165.
- <sup>10</sup> ISRCTN Registry. PRINCIPLE: A trial evaluating treatments for suspected COVID-19 in people aged 50 years and above with pre-existing conditions and those aged 65 years and above. ISRCTN86534580 <https://doi.org/10.1186/ISRCTN86534580>.
- <sup>11</sup> de Lusignan S. Codes, classifications, terminologies and nomenclatures: definition, development and application in practice. *Inform Prim Care.* 2005;13(1):65-70. doi: 10.14236/jhi.v13i1.580.
- <sup>12</sup> de Lusignan S, Williams J. To monitor the COVID-19 pandemic we need better quality primary care data. *BJGP Open.* 2020 Jun 23;4(2):bjgpopen20X101070. doi: 10.3399/bjgpopen20X101070.

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<sup>13</sup> de Lusignan S, Dorward J, Correa A, Jones N, Akinyemi O, Amirthalingam G, Andrews N, Byford R, Dabrera G, Elliot A, Ellis J, Ferreira F, Lopez Bernal J, Okusi C, Ramsay M, Sherlock J, Smith G, Williams J, Howsam G, Zambon M, Joy M, Hobbs FDR. Risk factors for SARS-CoV-2 among patients in the Oxford Royal College of General Practitioners Research and Surveillance Centre primary care network: a cross-sectional study. *Lancet Infect Dis*. 2020 Sep;20(9):1034-1042. doi: 10.1016/S1473-3099(20)30371-6.

<sup>14</sup> Joy M, Hobbs FDR, McGagh D, Akinyemi O, de Lusignan S. Excess mortality from COVID-19 in an English sentinel network population. *Lancet Infect Dis*. 2020 Aug 4:S1473-3099(20)30632-0. doi: 10.1016/S1473-3099(20)30632-0.

<sup>15</sup> de Lusignan S, Joy M, Oke J, McGagh D, Nicholson B, Sheppard J, Akinyemi O, Amirthalingam G, Brown K, Byford R, Dabrera G, Krajenbrink E, Liyanage H, LopezBernal J, Okusi C, Ramsay M, Sherlock J, Sinnathamby M, Tsang RSM, Tzortziou Brown V, Williams J, Zambon M, Ferreira F, Howsam G, Hobbs FDR. Disparities in the excess risk of mortality in the first wave of COVID-19: Cross sectional study of the English sentinel network. *J Infect*. 2020 Nov;81(5):785-792. doi: 10.1016/j.jinf.2020.08.037.

<sup>16</sup> Joy M, Hobbs FR, Bernal JL, Sherlock J, Amirthalingam G, McGagh D, Akinyemi O, Byford R, Dabrera G, Dorward J, Ellis J, Ferreira F, Jones N, Oke J, Okusi C, Nicholson BD, Ramsay M, Sheppard JP, Sinnathamby M, Zambon M, Howsam G, Williams J, de Lusignan S. Excess mortality in the first COVID pandemic peak: cross-sectional analyses of the impact of age, sex, ethnicity, household size, and long-term conditions in people of known SARS-CoV-2 status in England. *Br J Gen Pract*. 2020 Nov 26;70(701):e890-e898. doi: 10.3399/bjgp20X713393.

<sup>17</sup> Joy M, McGagh D, Jones N, Liyanage H, Sherlock J, Parimalanathan V, Akinyemi O, van Vlymen J, Howsam G, Marshall M, Hobbs FR, de Lusignan S. Reorganisation of primary care for older adults during COVID-19: a cross-sectional database study in the UK. *Br J Gen Pract*. 2020 Jul 30;70(697):e540-e547. doi: 10.3399/bjgp20X710933.

<sup>18</sup> NHS Digital. Data Security and Protection toolkit. URL: <https://www.dsptoolkit.nhs.uk/>

<sup>19</sup> Scally G, Jacobson B, Abbasi K. The UK's public health response to covid-19. *BMJ*. 2020 May 15;369:m1932. doi: 10.1136/bmj.m1932.

<sup>20</sup> de Lusignan S, Hoghton M, Rafi I. Flu vaccination by pharmacists leads to suboptimal medical records. *BMJ*. 2017 Nov 9;359:j5084. doi: 10.1136/bmj.j5084.



## Appendix A

### Representativeness of the Oxford-RCGP RSC

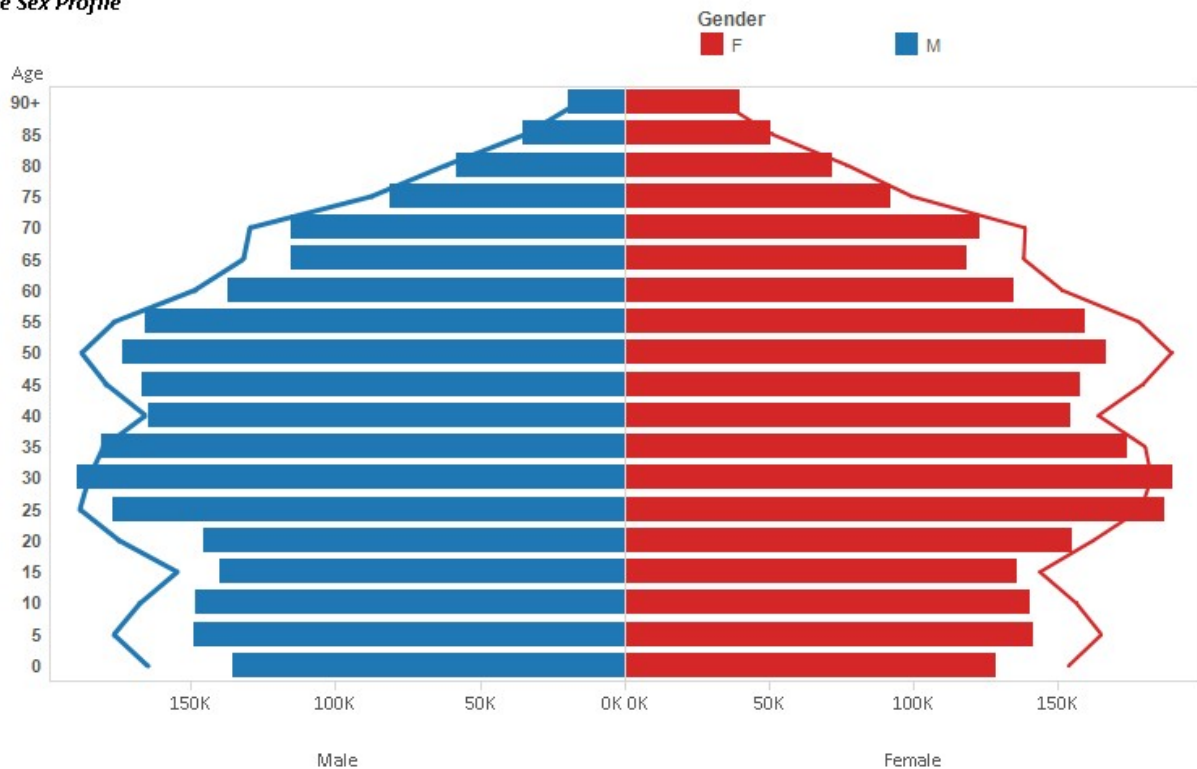
This section shows the demographic (age and gender) breakdown of our sample population, and how it compares with that of England as a whole. This report covers the period 6th May 2019 to the 3rd May 2020 (ISO Week 19 of 2019 to ISO Week 18 of 2020). This includes all patients who were registered for at least one week during the reporting period, within a practice from the RCGP RSC network for which we received data.

### Age Sex Breakdown by NHS Region

NHS Region	Gender	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	All ages
North East and Yorkshire	F	2105	11867	31996	31284	70747	77496	32964	22034	11154	291647
	M	2245	12383	33314	31613	72415	78785	31929	18667	6866	288217
North West	F	3349	17601	46283	43763	105828	104904	42265	28424	14560	406977
	M	3532	18720	49188	44644	107904	109899	41189	23934	8559	407569
East of England	F	820	4424	11885	10788	26264	27905	10701	7072	3775	103634
	M	849	4608	12538	10876	26012	28164	10311	6335	2411	102104
London	F	3975	19810	42795	48794	163018	75225	19723	12341	6511	392192
	M	4223	20403	44778	43251	163379	83964	18173	9697	4083	391951
Midlands	F	2523	14638	37842	35940	83272	81390	32993	22889	12107	323594
	M	2778	15204	40227	37270	85997	85638	31571	19690	7286	325661
South East	F	4550	26383	71877	82609	168610	156110	59072	41370	25552	636133
	M	4877	27813	76013	79542	167641	160178	55481	34816	15156	621517
South West	F	2530	14277	39452	37783	88694	96637	44161	29600	16720	369854
	M	2679	14910	41258	38302	88185	96322	41664	25972	10117	359409
National	F	19852	109000	282130	290961	706433	619667	241879	163730	90379	2524031
	M	21183	114041	297316	285498	711533	642950	230318	139111	54478	2496428

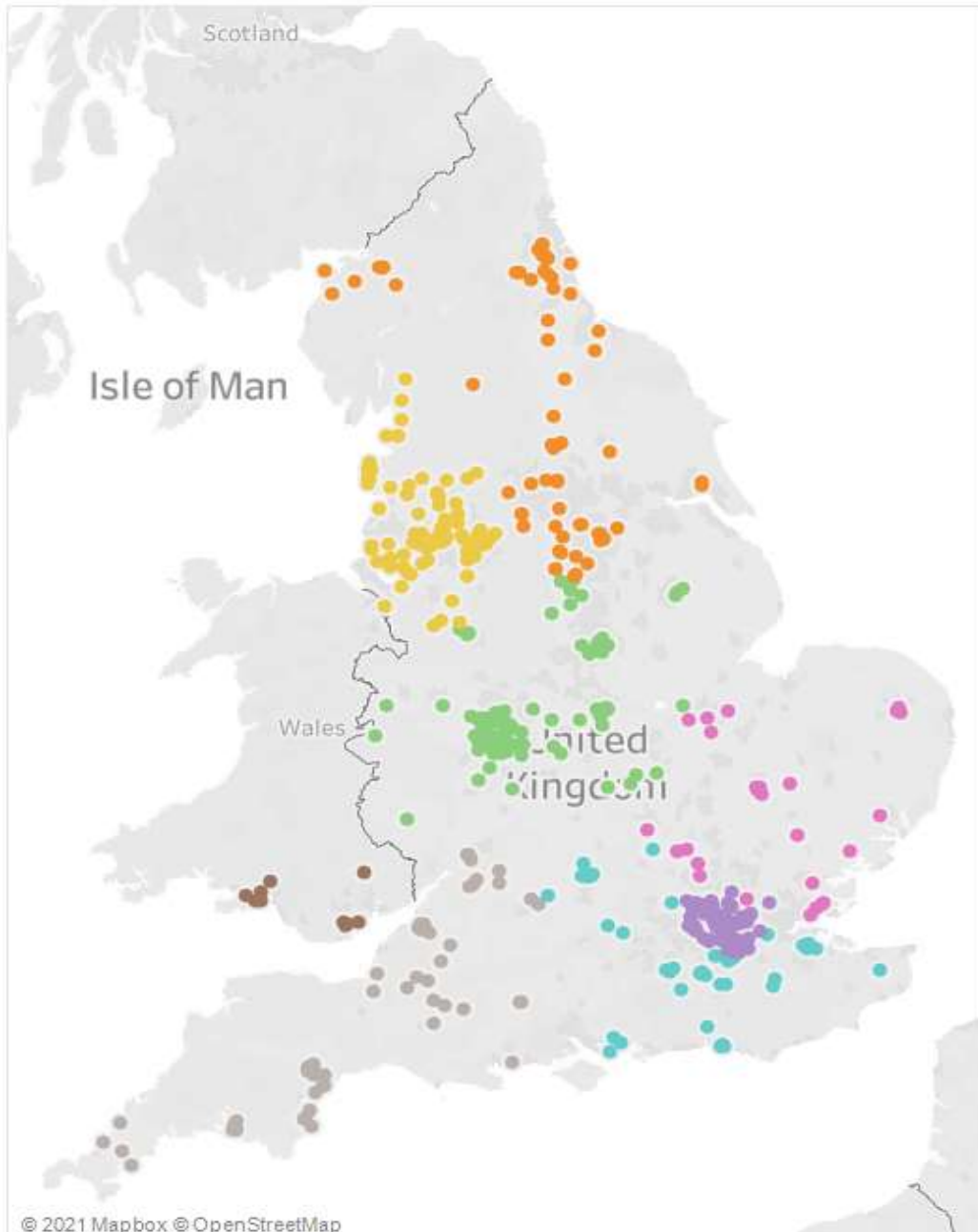
We work very hard to ensure that the demographics of our sample population closely resemble the country as a whole. This correspondence can be seen in the age-sex profile below; the bars show the number of patients within our dataset, broken down by gender and age-band, and the lines show the distribution of the corresponding population of England as a whole.

### Age Sex Profile



As can be seen from the map below, practices within the Network are spread across England in order to reflect the distribution of the population as a whole. We vary our priorities for recruiting to try to ensure an even spread of practices.

***Distribution of RSC practices among NHS regions in England***



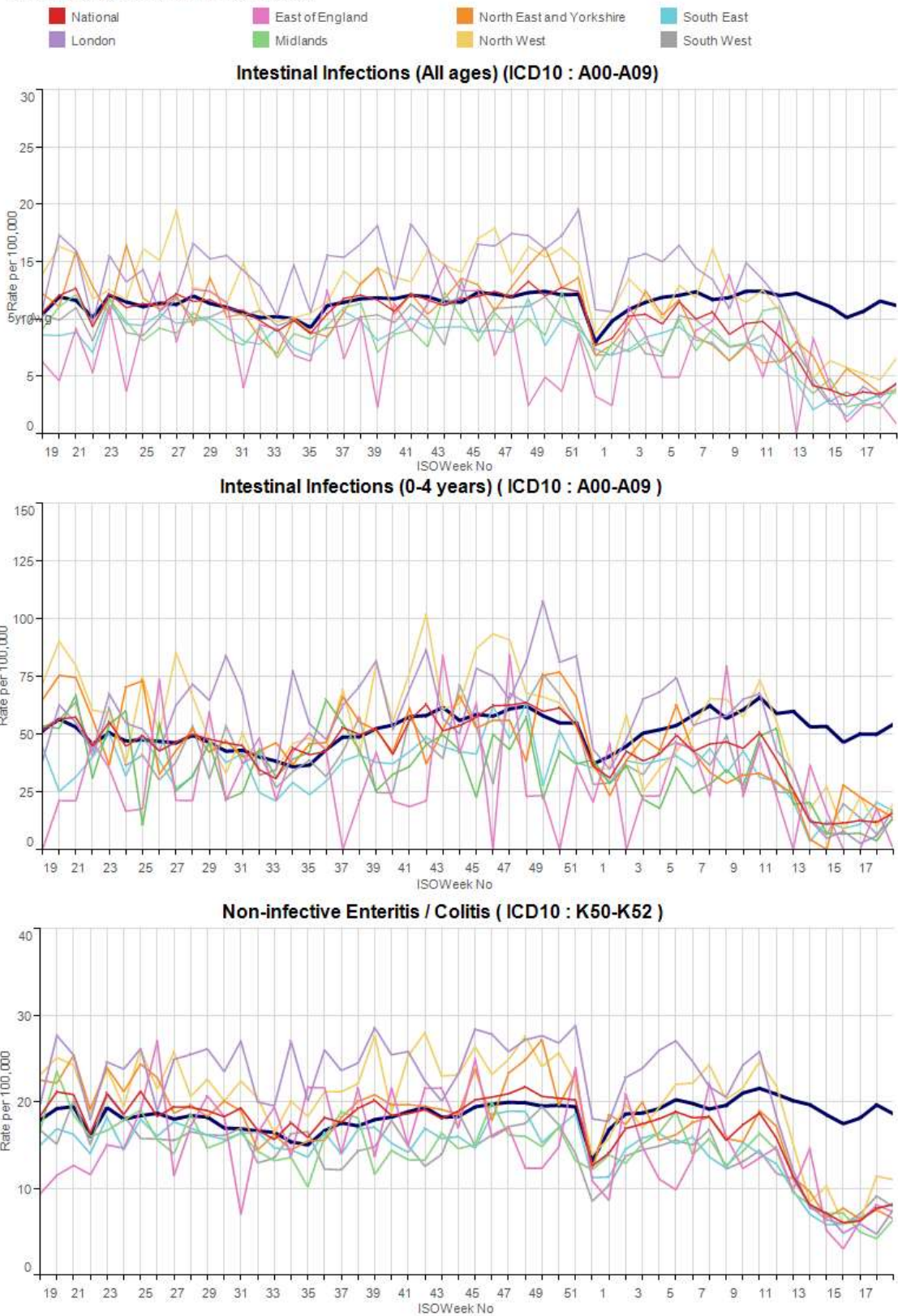
**NHS Regions**

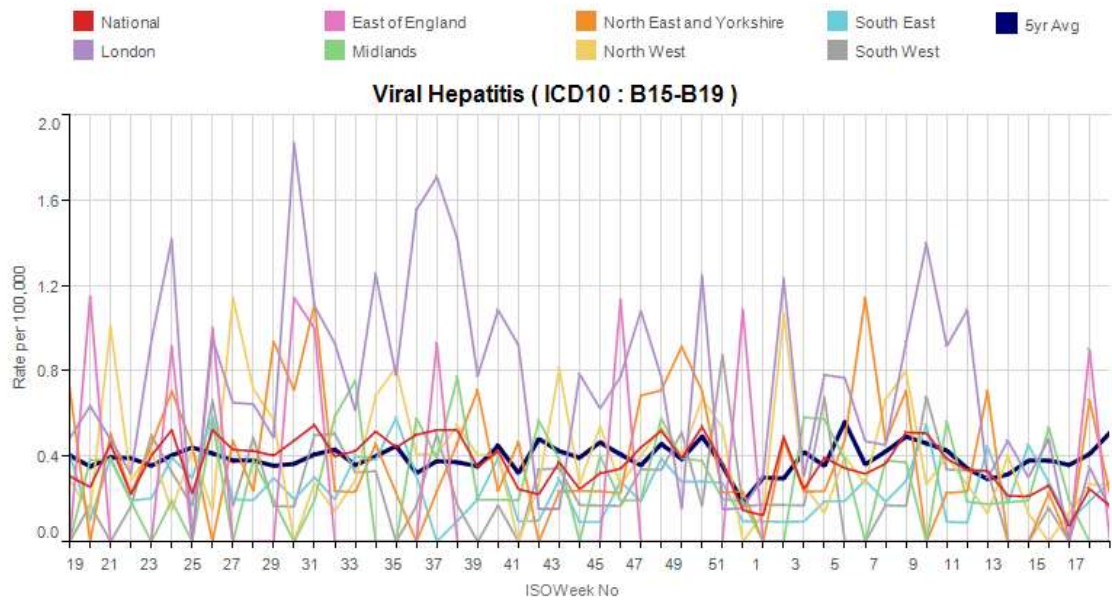
- North East and Yorkshire
- North West
- East of England
- Midlands
- London
- South East
- South West
- Wales

## **Appendix B**

Weekly incidence of the conditions monitored by the  
Oxford-RCGP RSC

1. Water and Food Borne Disorders:



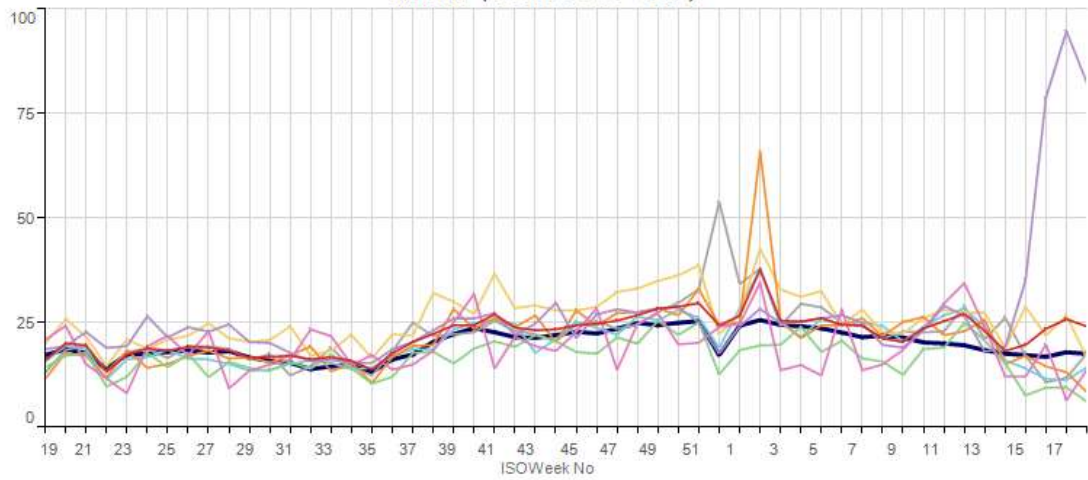




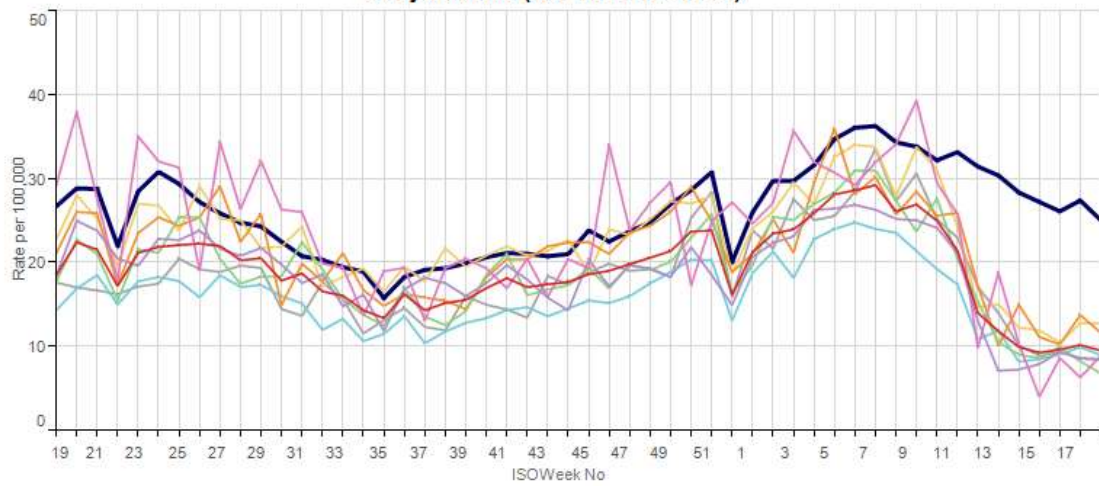
2. Environmentally Sensitive Disorders:



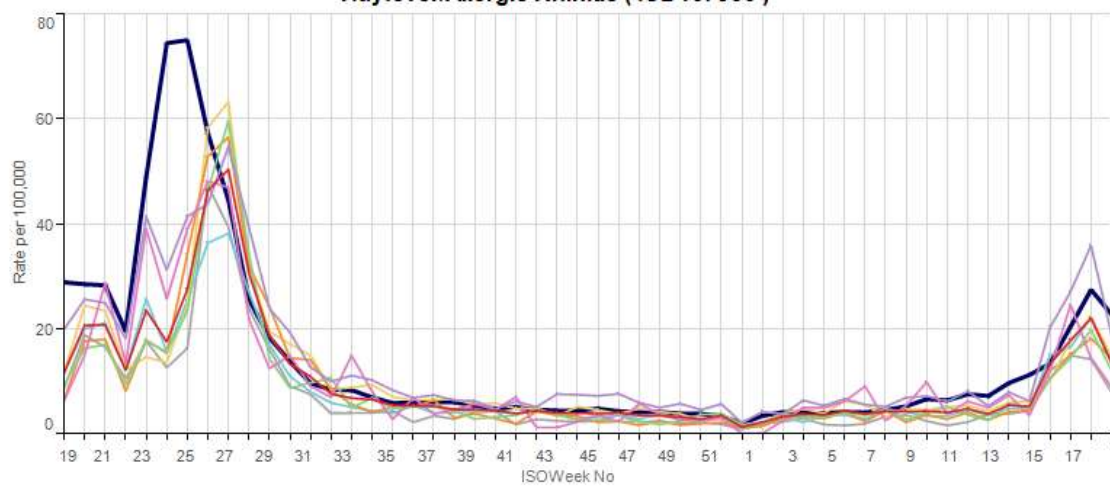
**Asthma ( ICD10 : J45 - J46 )**

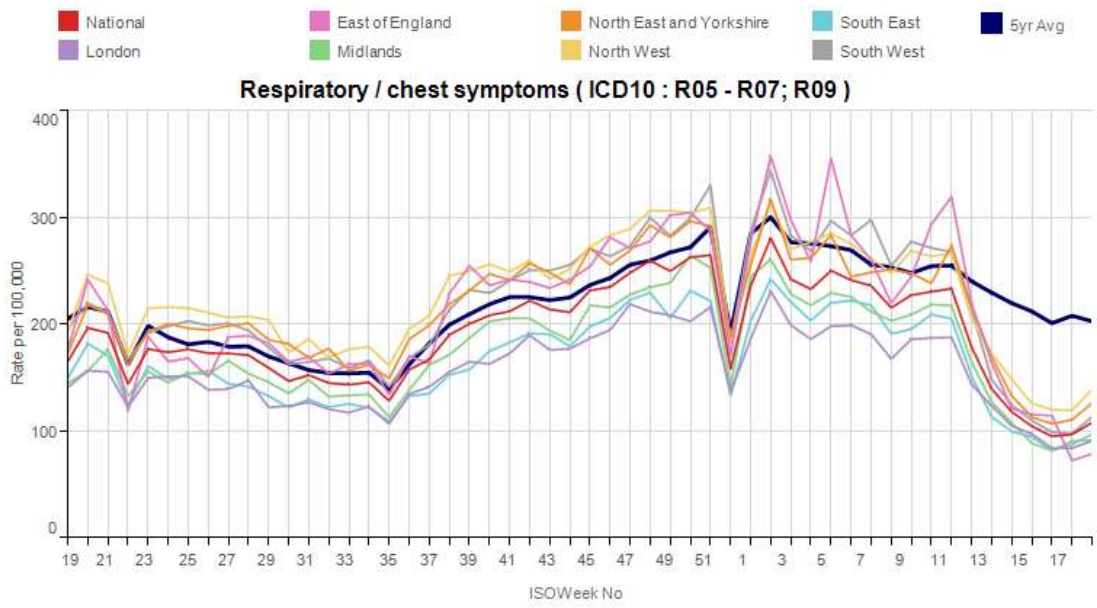


**Conjunctivitis ( ICD10 : H10 - H13 )**



**Hayfever/Allergic Rhinitis ( ICD10: J30 )**



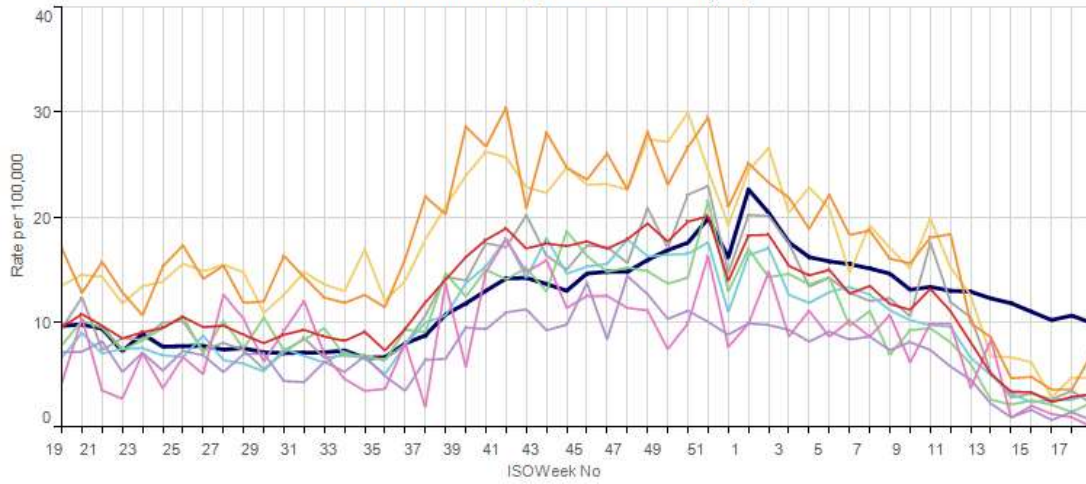




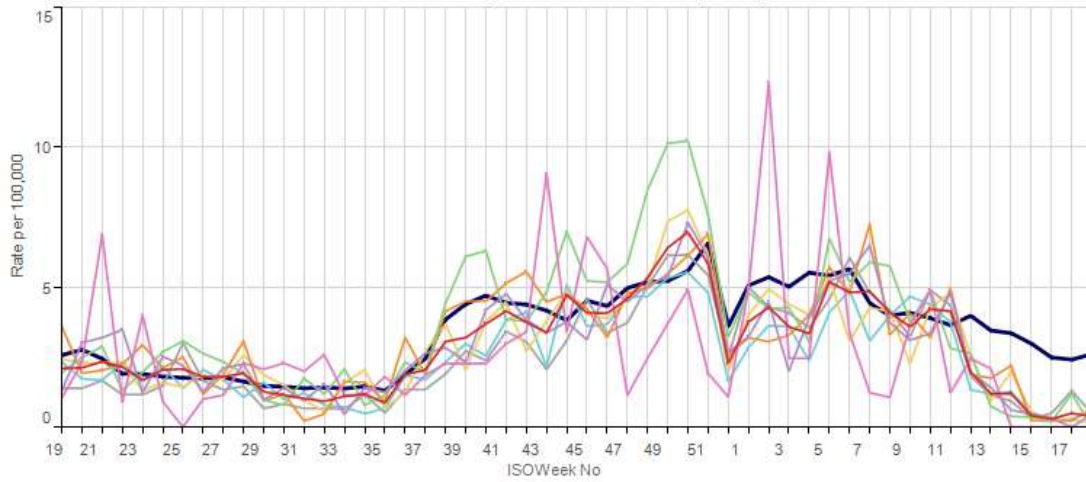
3. Respiratory Infections:



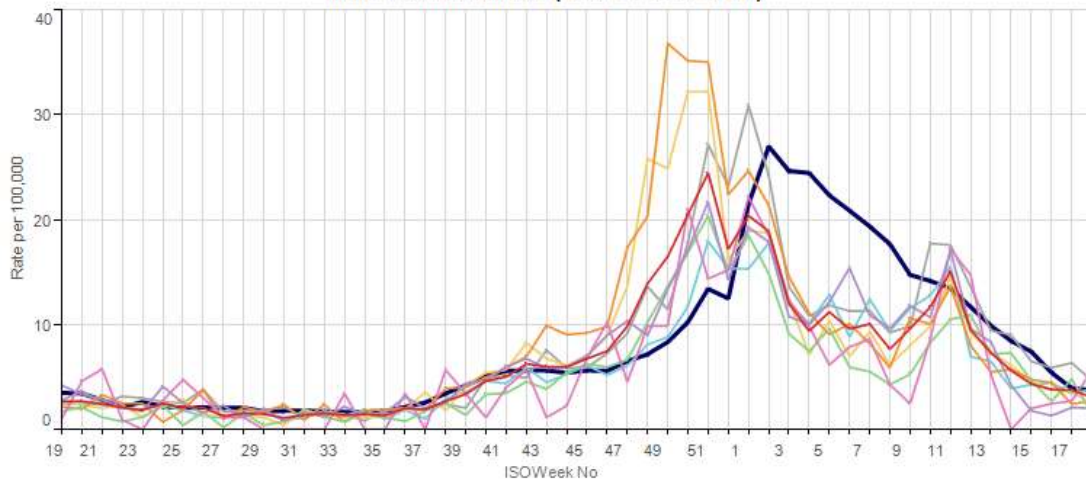
**Acute Bronchitis ( ICD10: J20-J21,J4 )**

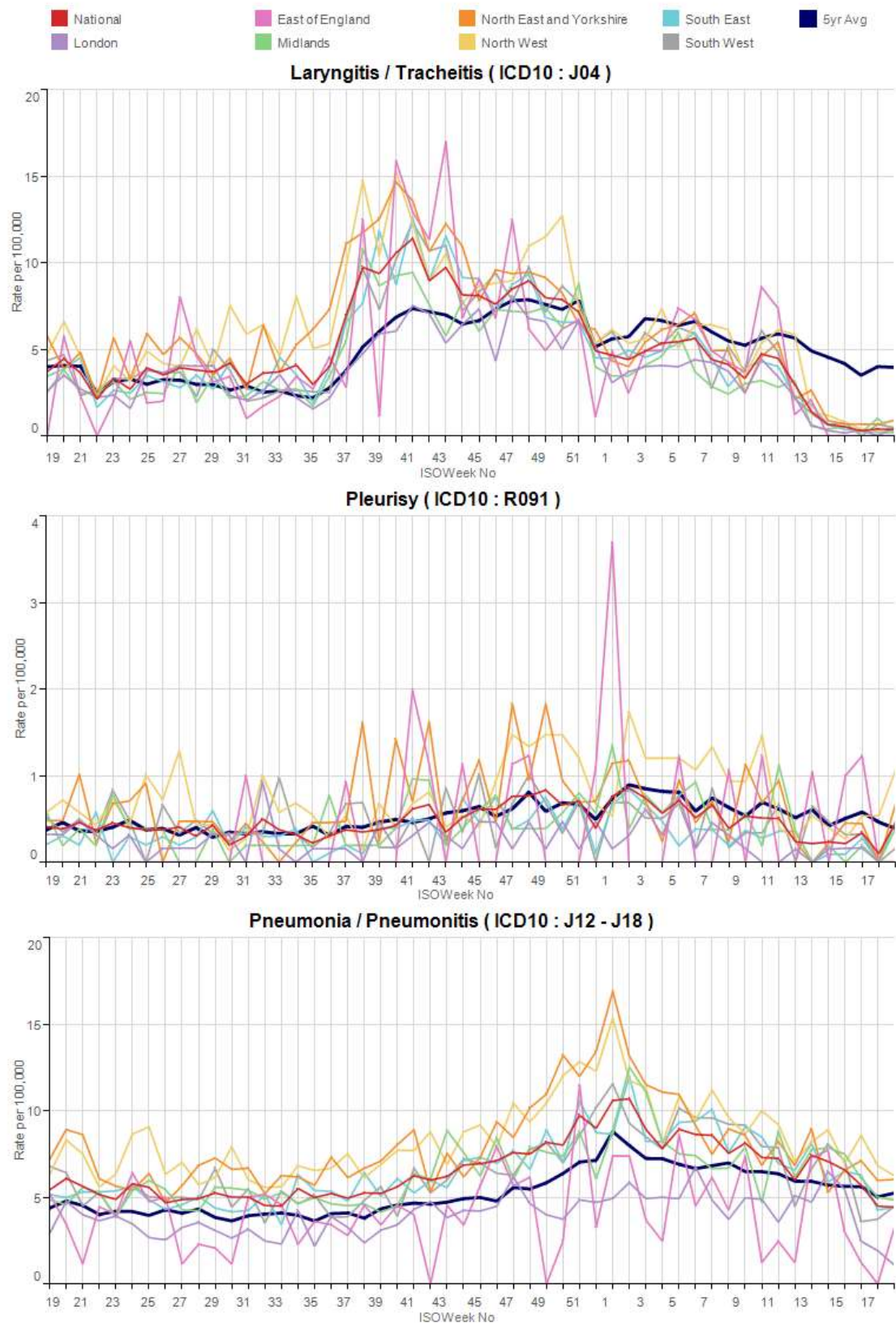


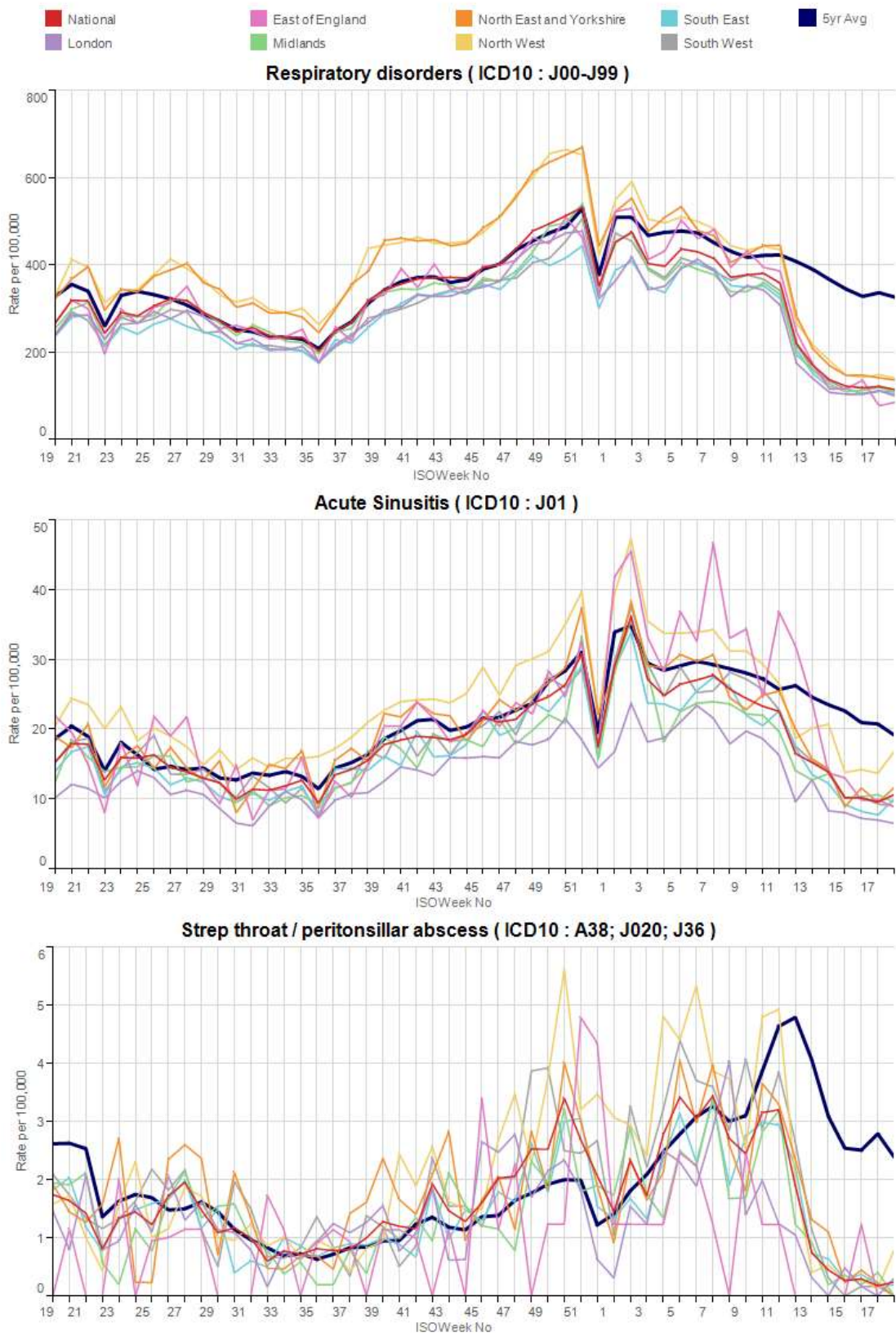
**Common Cold ( ICD10 : R05 - R07; R09 )**



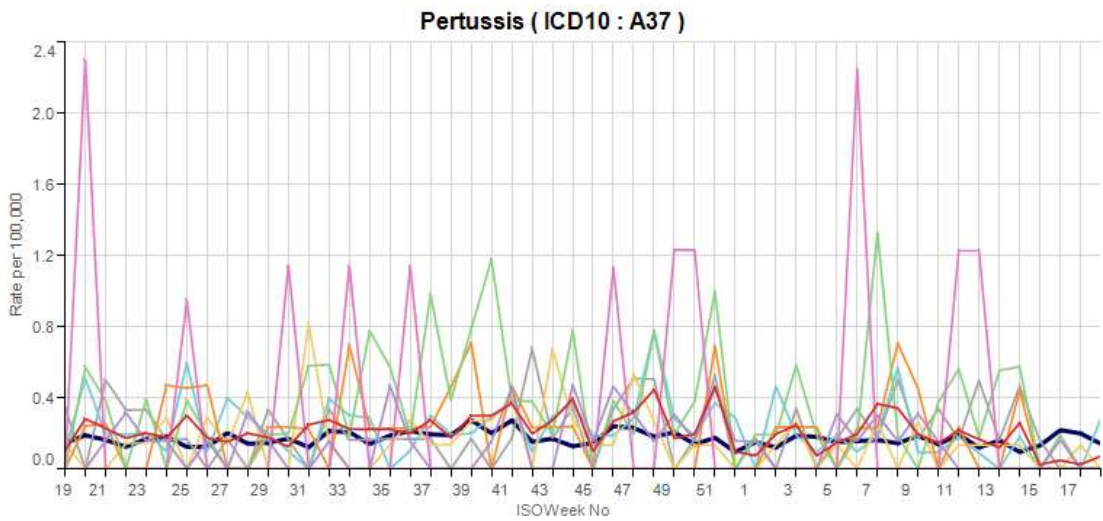
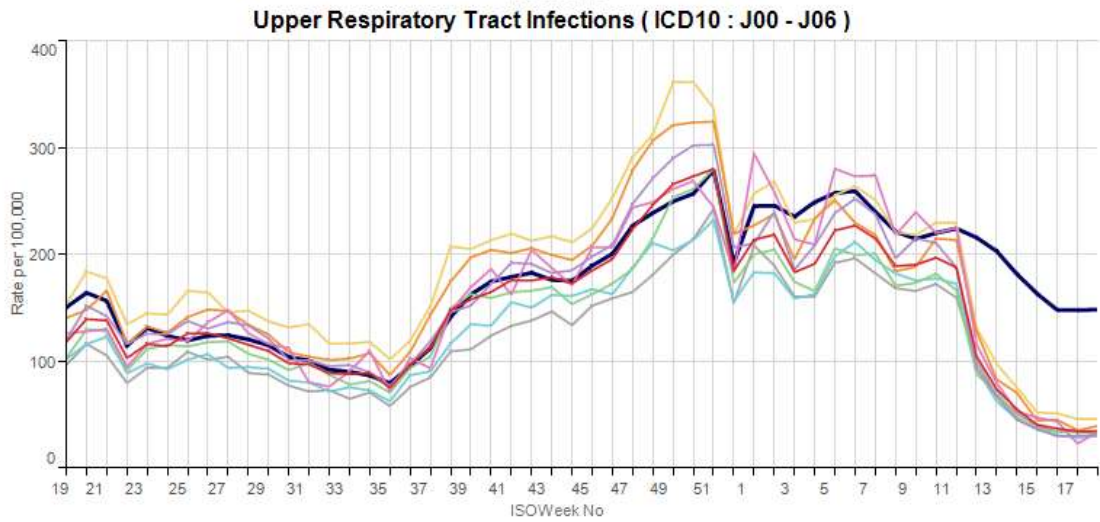
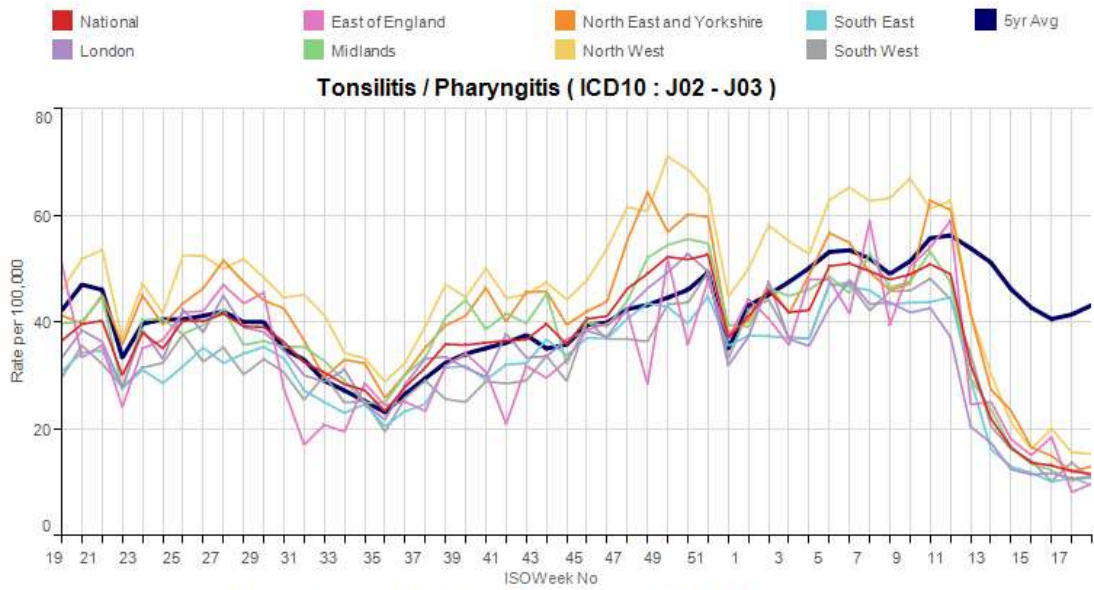
**Influenza-like illness ( ICD10 : J09 - J11 )**





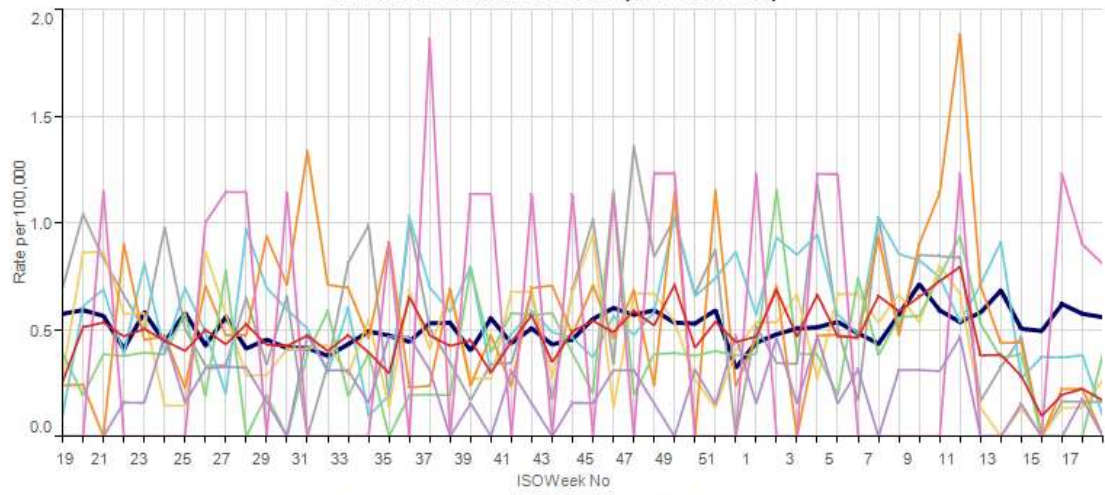




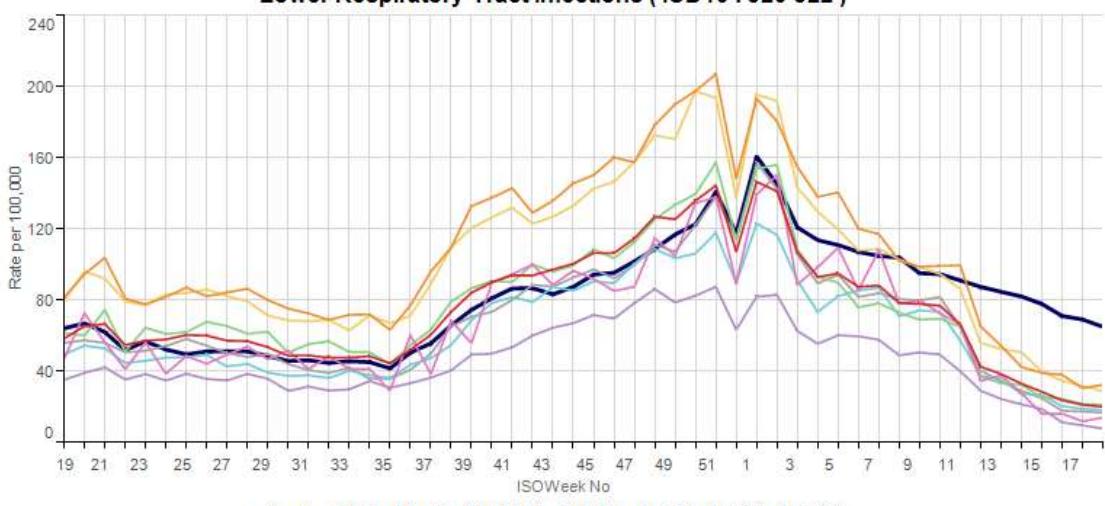




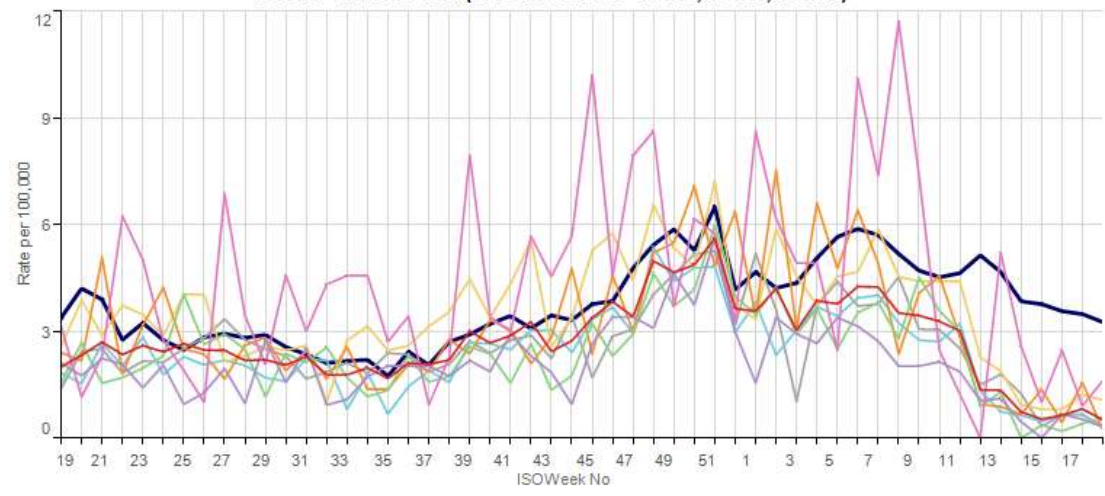
**Infectious Mononucleosis ( ICD10 : B27 )**



**Lower Respiratory Tract Infections ( ICD10 : J20-J22 )**



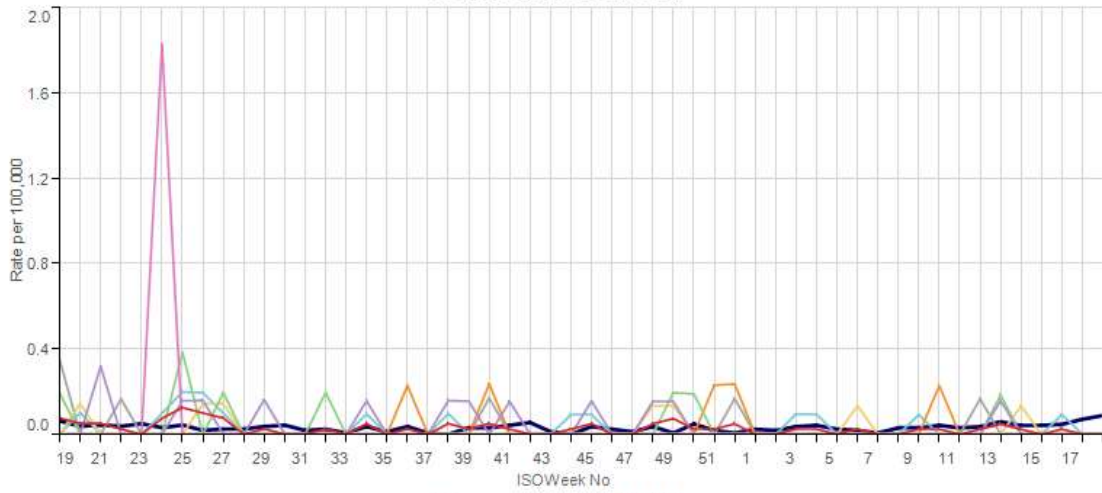
**Acute Otitis Media ( ICD10 : H650 - H651; H660; H669 )**



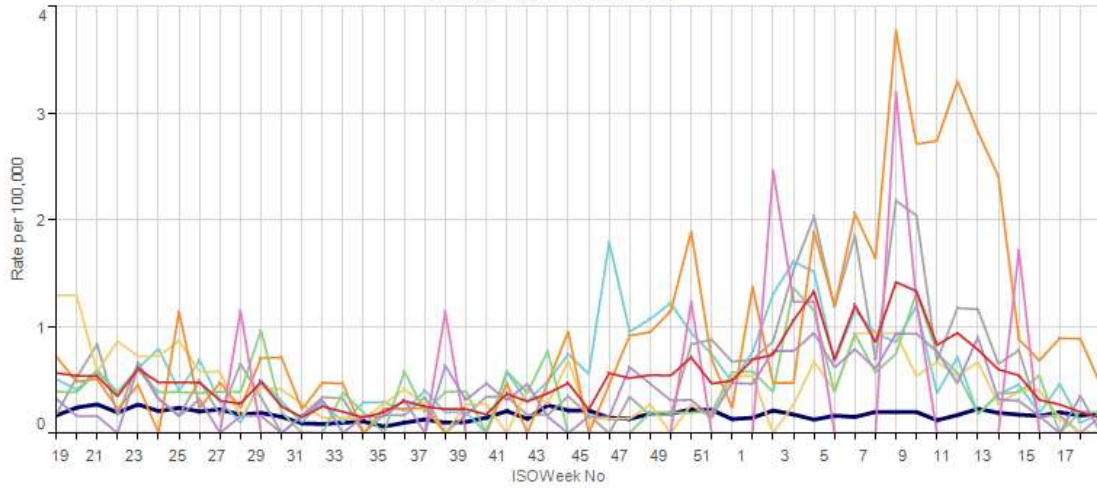
4. Vaccine Sensitive Disorders:



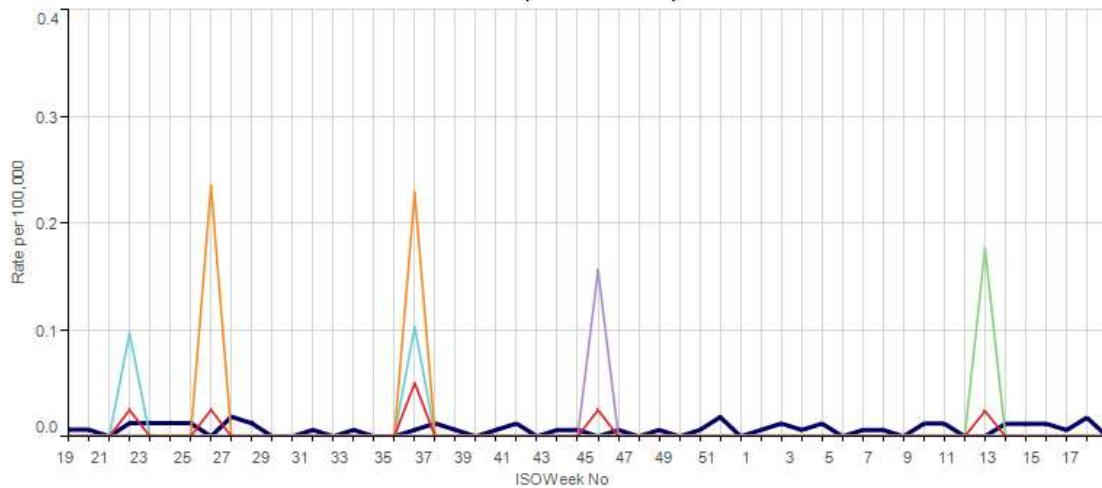
**Measles ( ICD10 : B05 )**



**Mumps ( ICD10 : B26 )**



**Rubella ( ICD10 : B06 )**

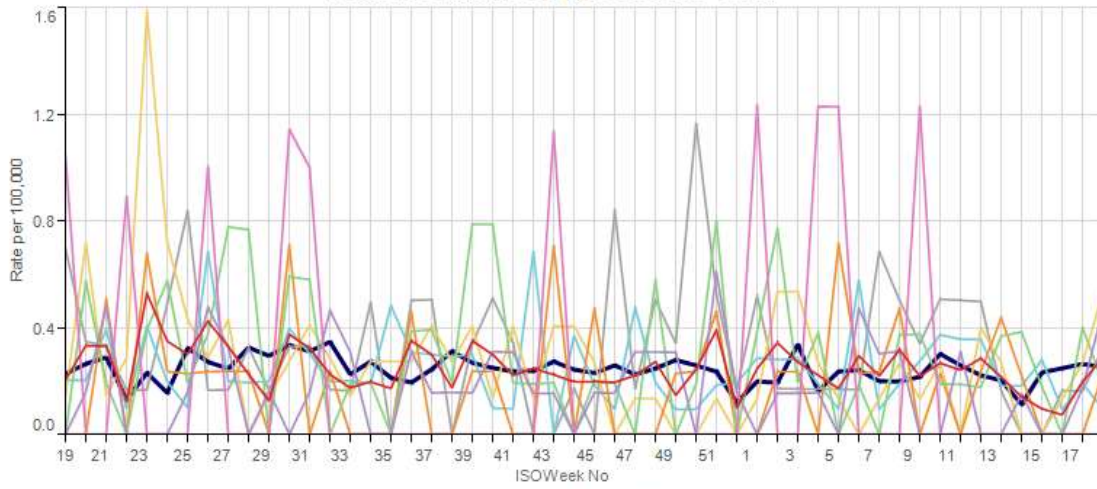




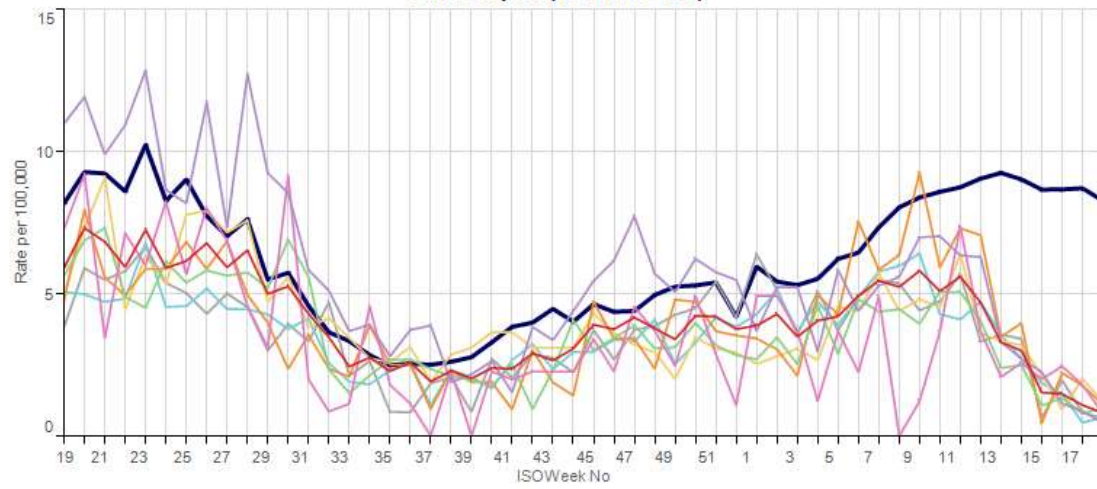
5. Skin Contagions:



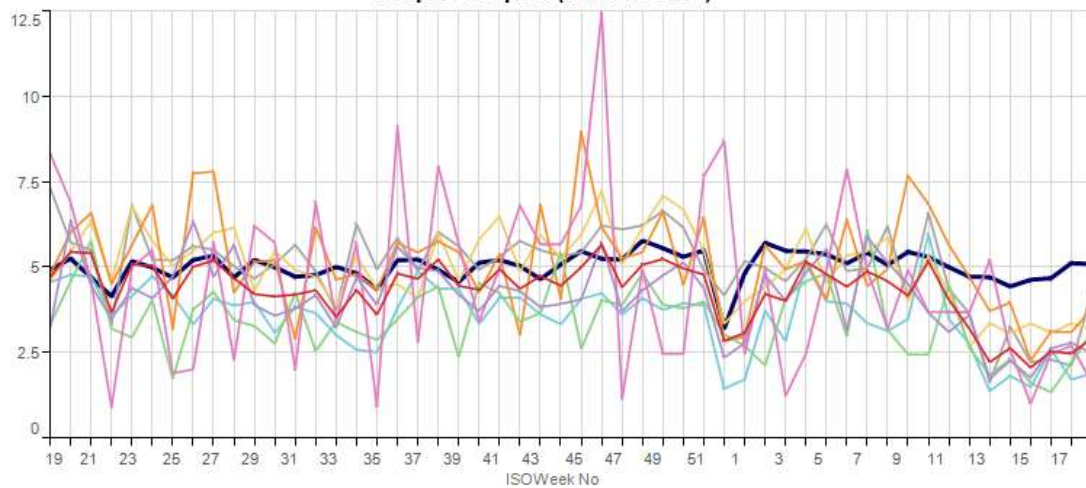
**Bullous Dermatoses ( ICD10 : L10 - L14 )**

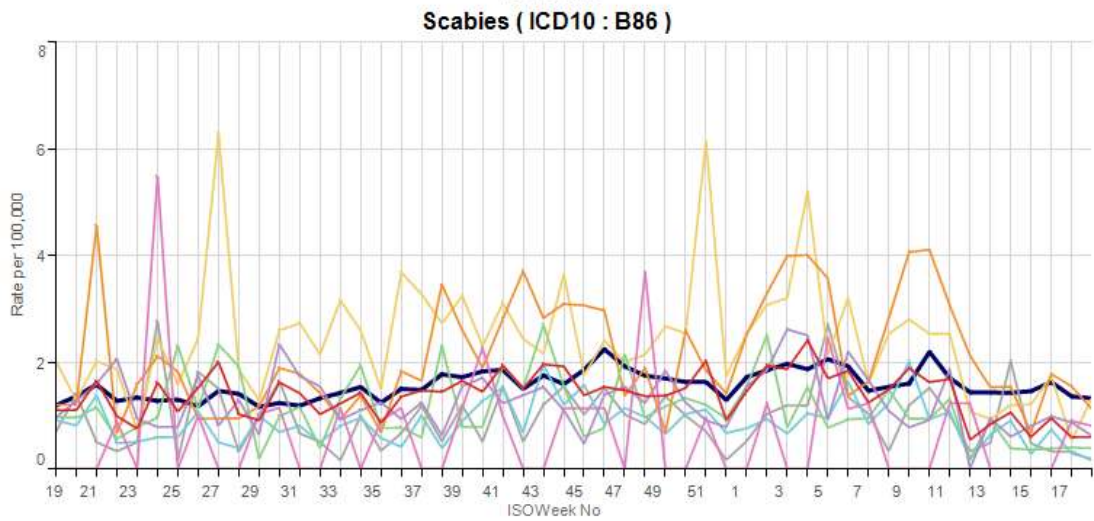
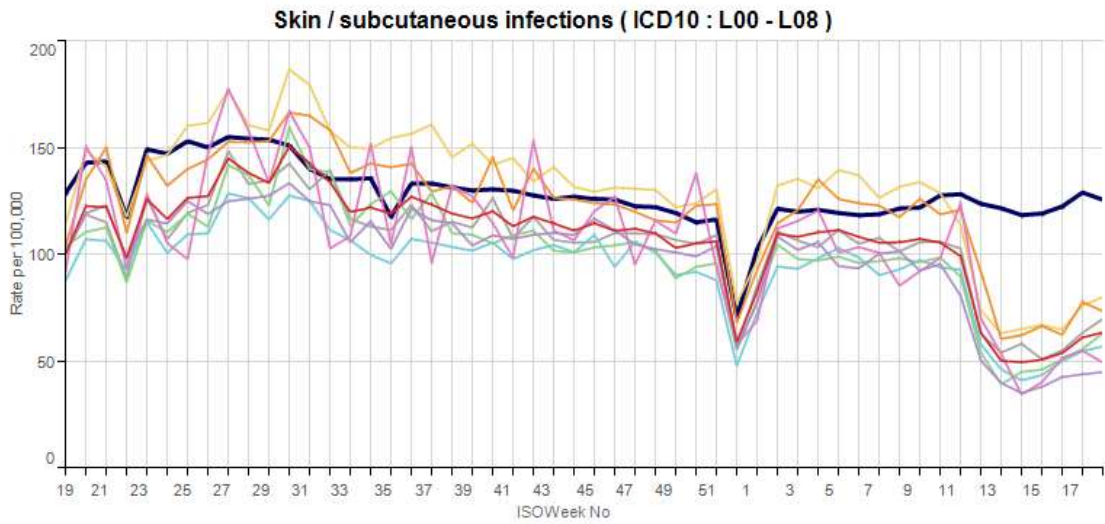
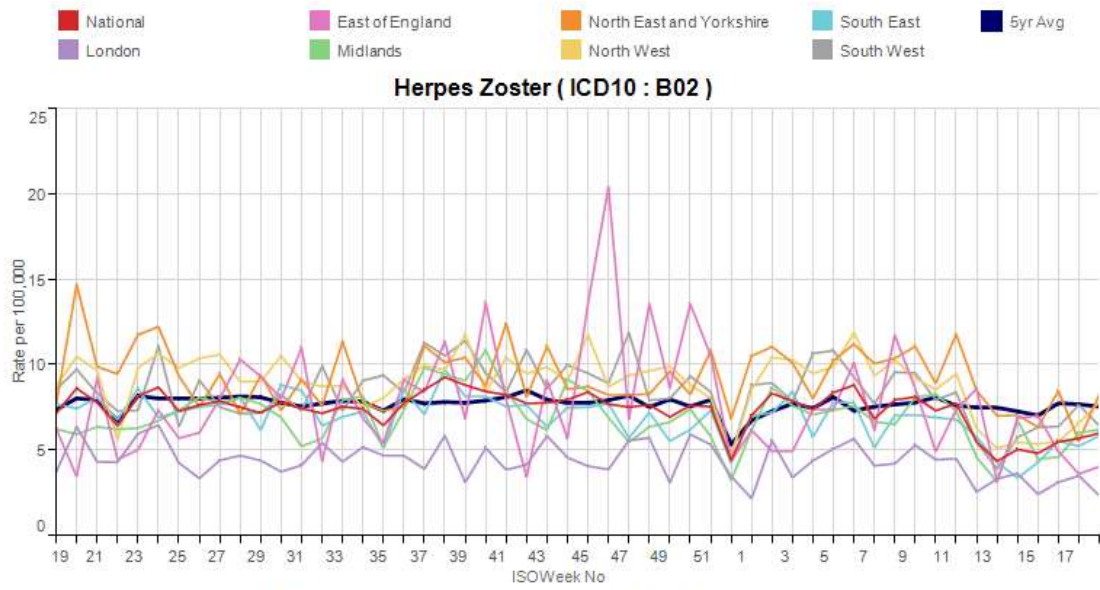


**Chickenpox ( ICD10 : B01 )**

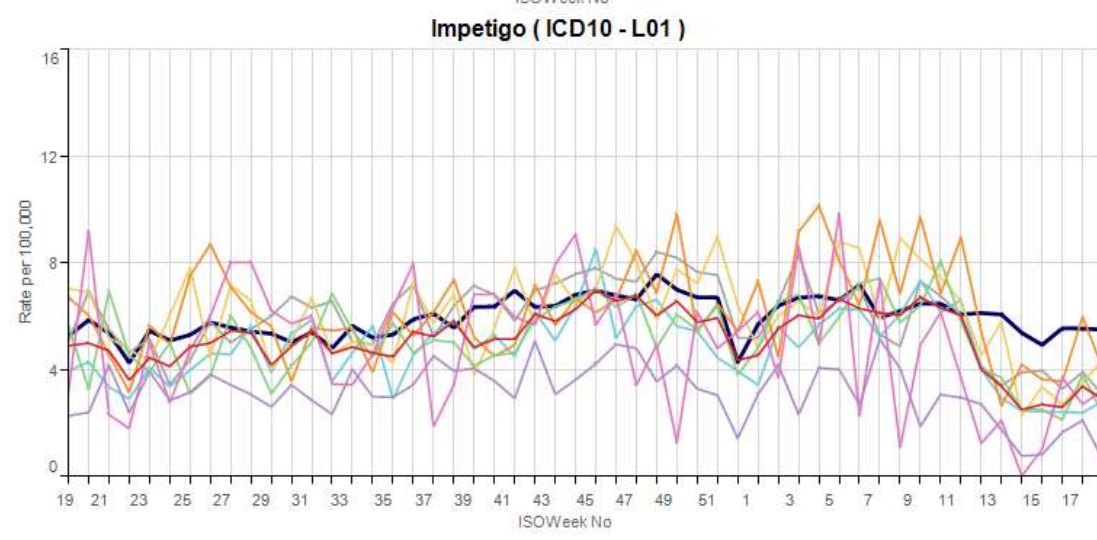
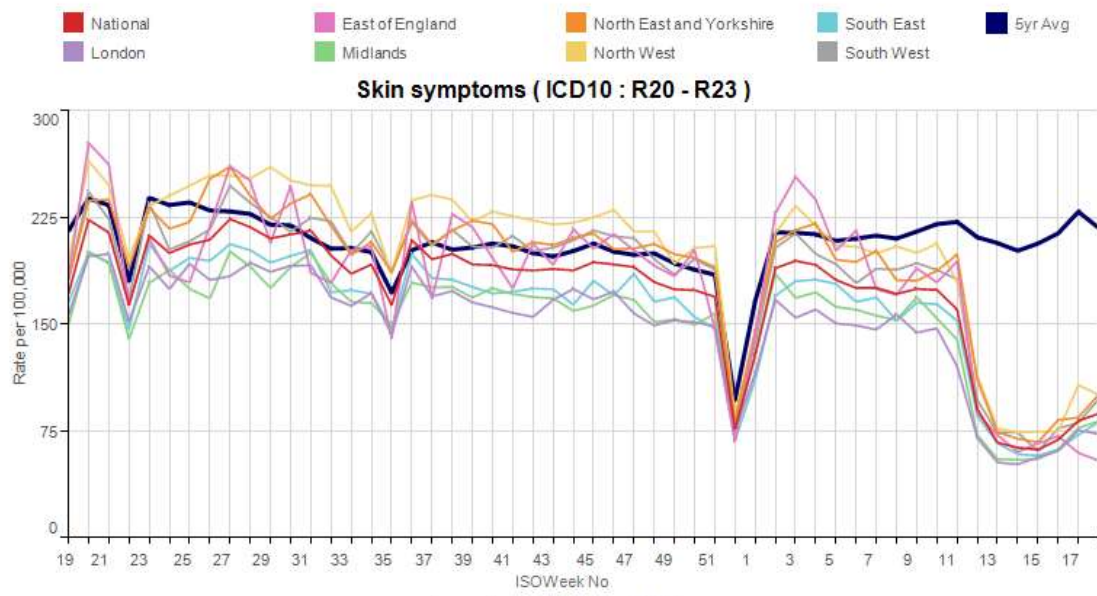


**Herpes Simplex ( ICD10 : B00 )**





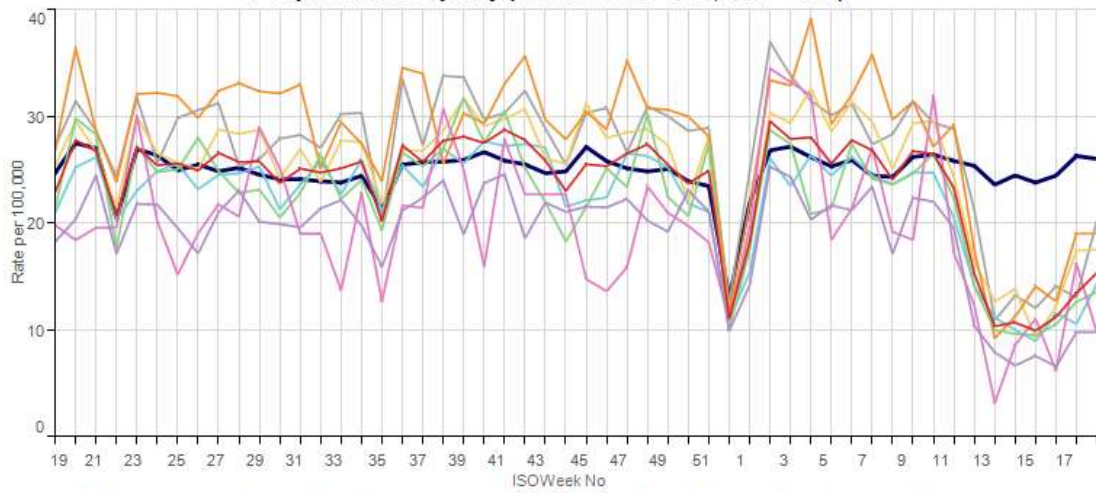




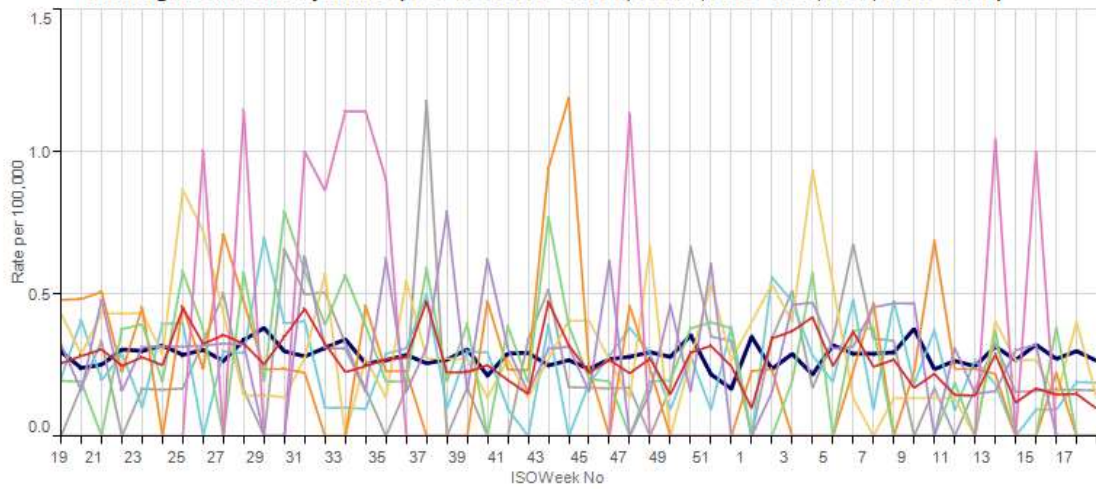
6. Disorders Affecting the Nervous System:



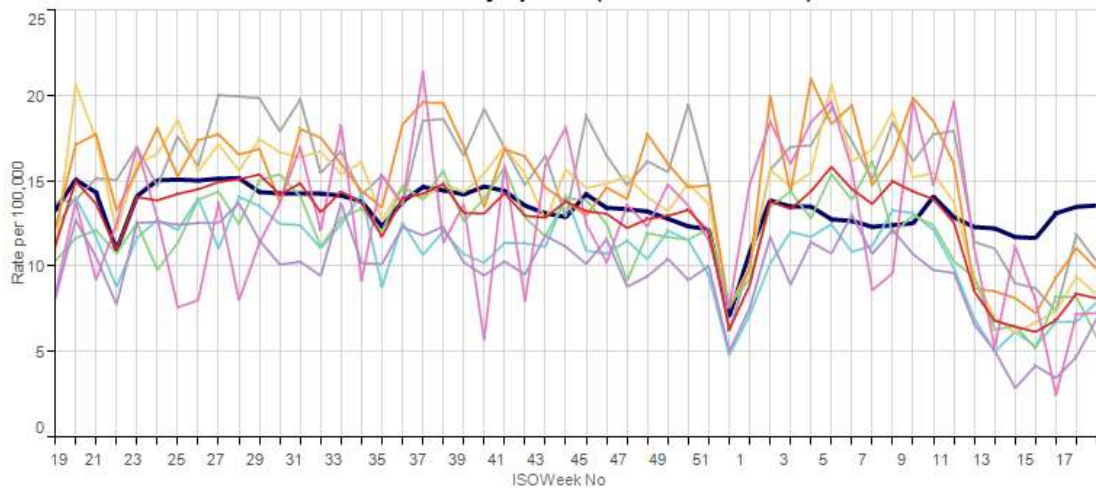
**Peripheral Neuropathy ( ICD10 : G50 - G64; G70 - G72 )**



**Meningitis and Encephalitis ( ICD10 : A170 - A171; A 390; A83 - A85; A87; G00 - G05 )**



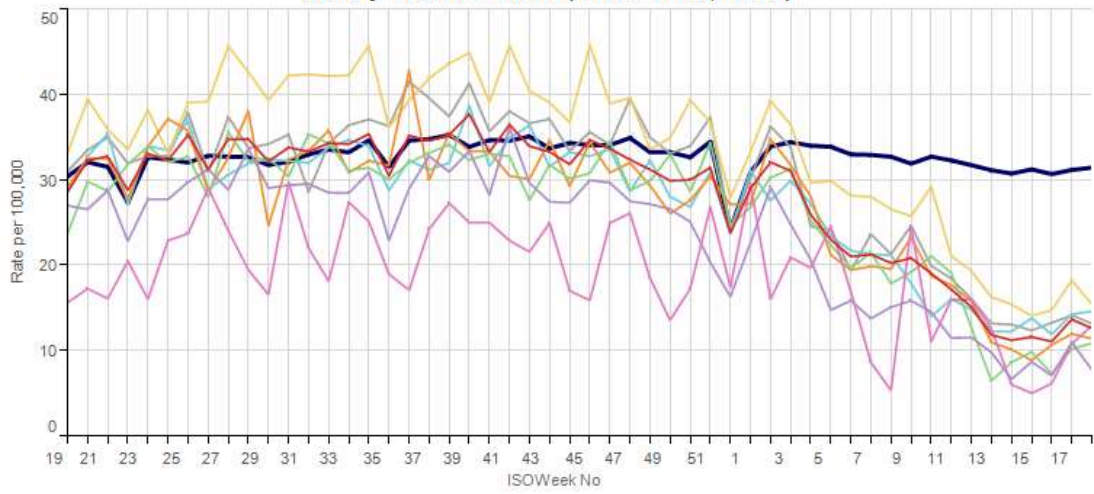
**Musculoskeletal symptoms ( ICD10 : R25 - R29 )**



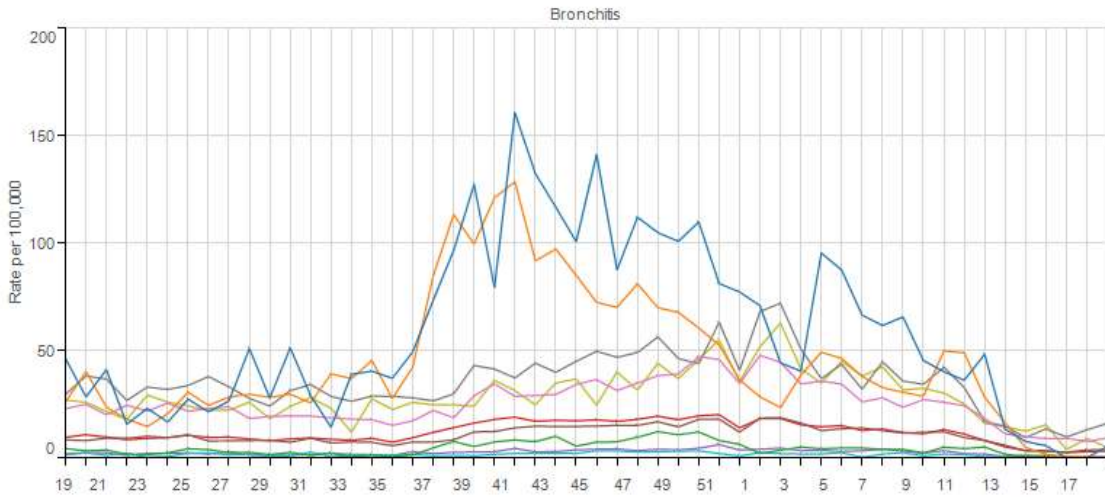
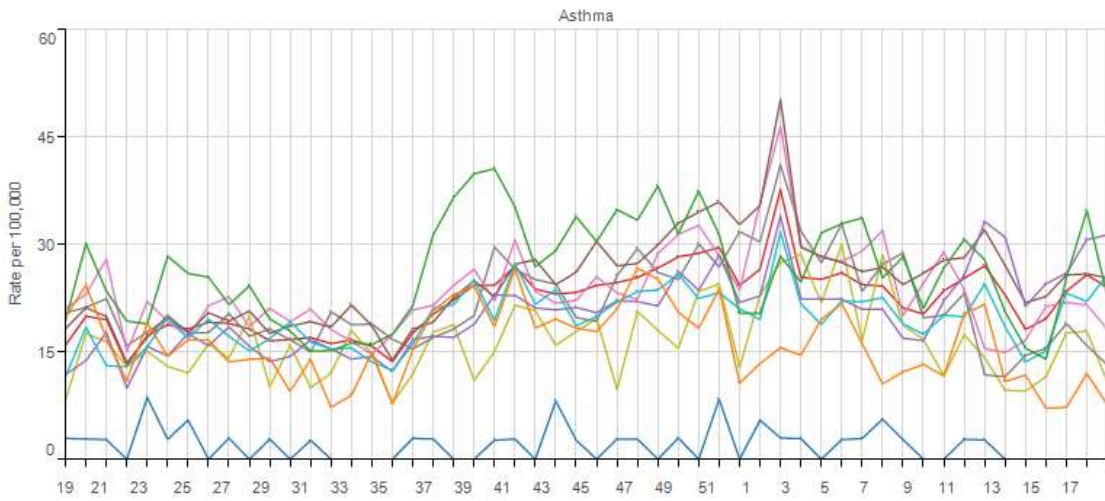
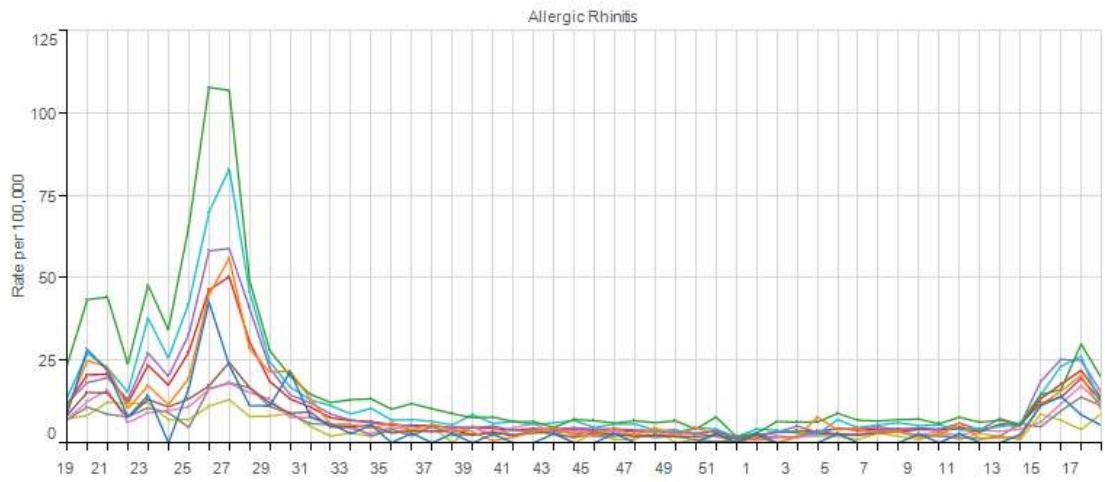
7. Genitourinary System Disorders:



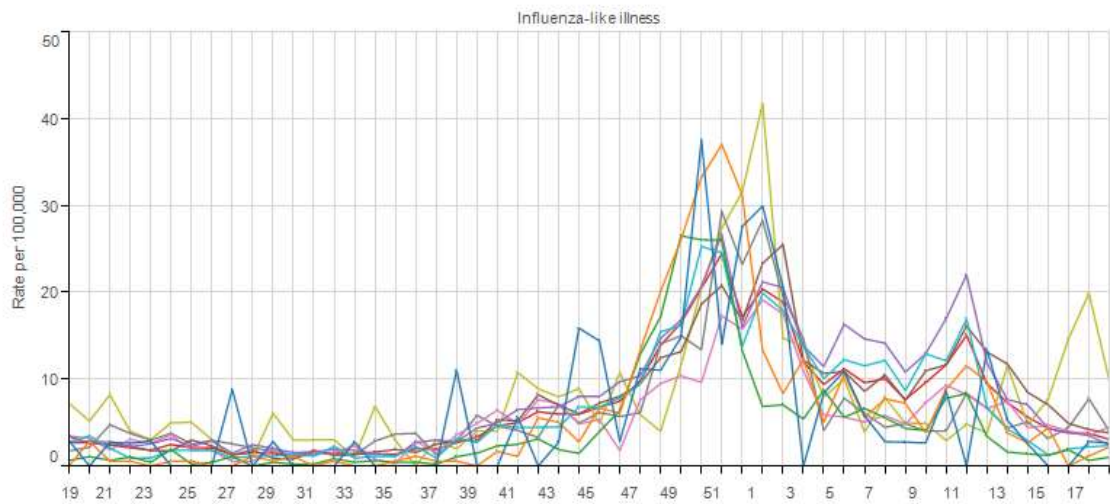
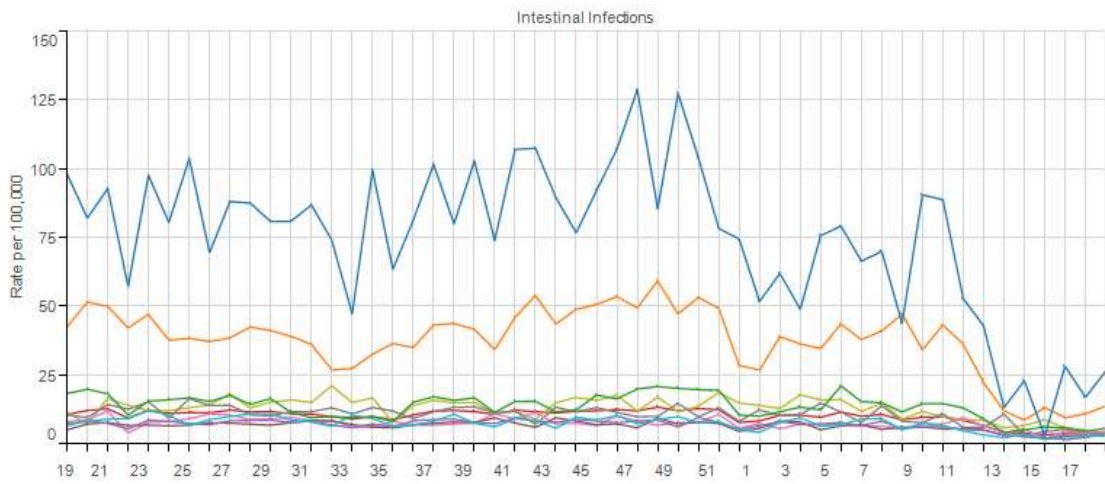
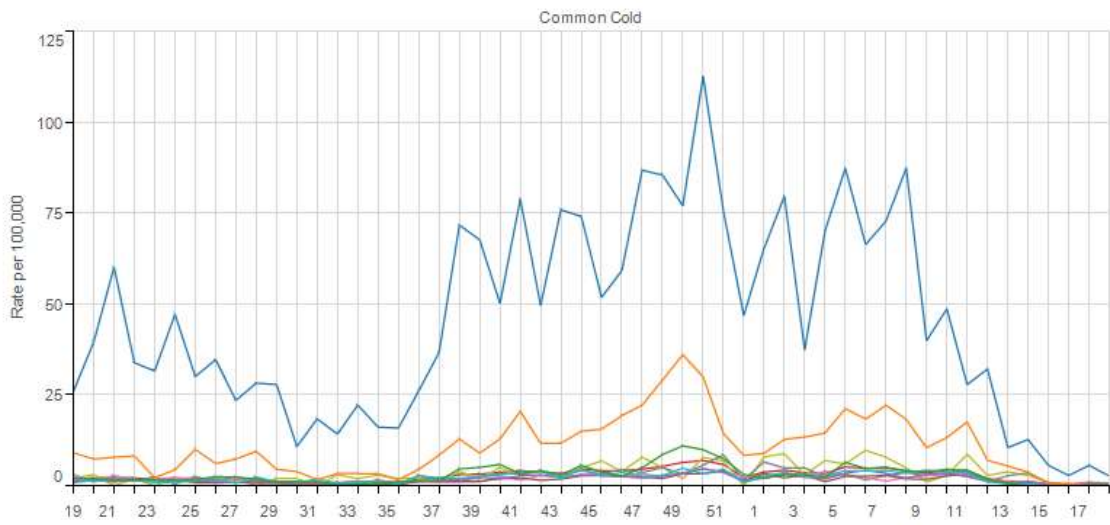
**Urinary Tract Infections ( ICD10 : N30; N390 )**

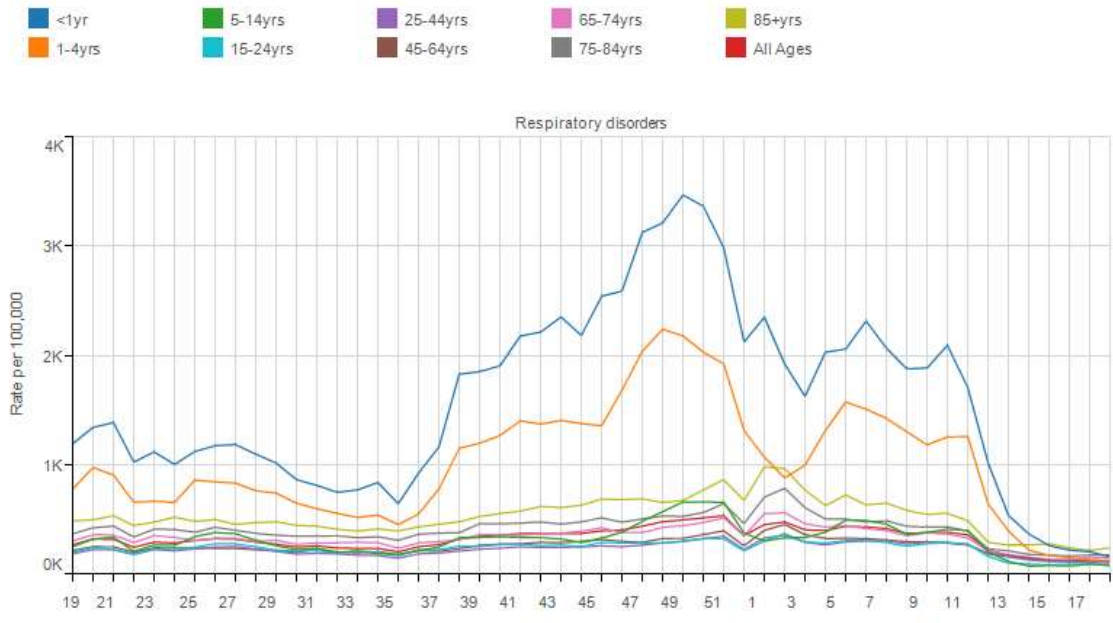


Weekly disease incidence by age group







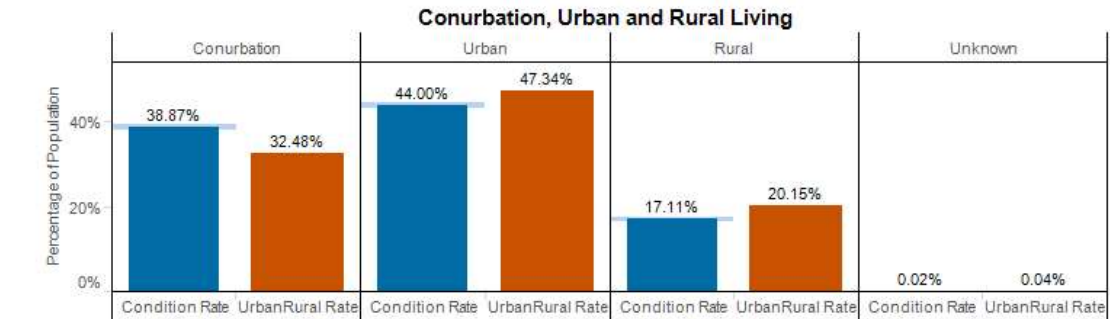
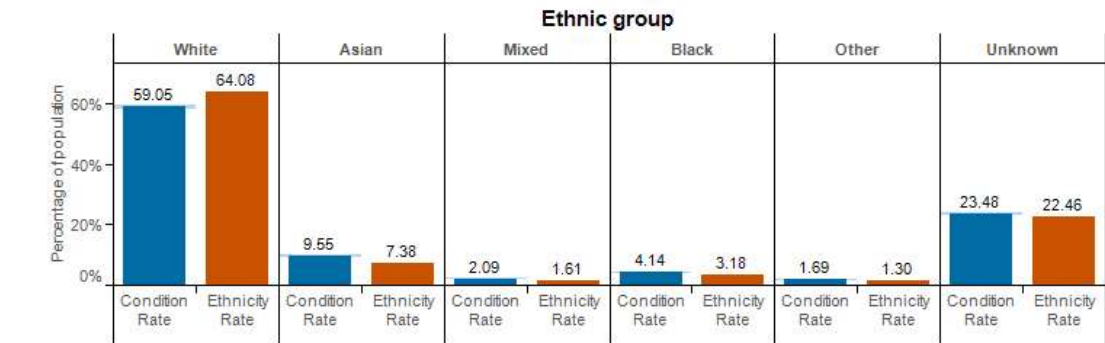
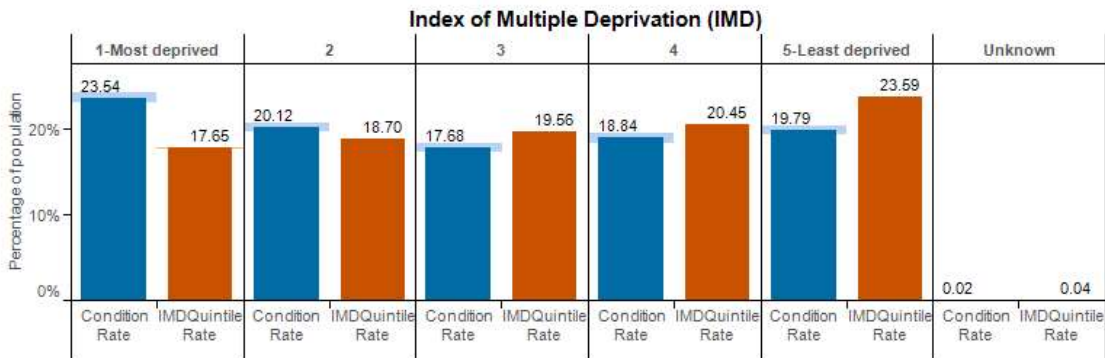
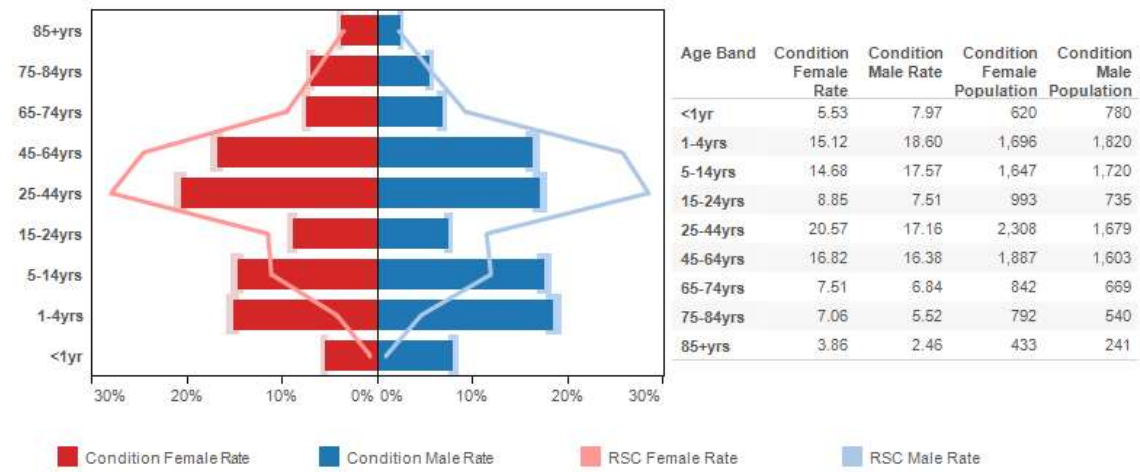


## Appendix C

Disparities in the presentation of monitored conditions by age and gender, ethnicity, socioeconomic status (measured using IMD) and rurality

1. Water and Food Borne Disorders:

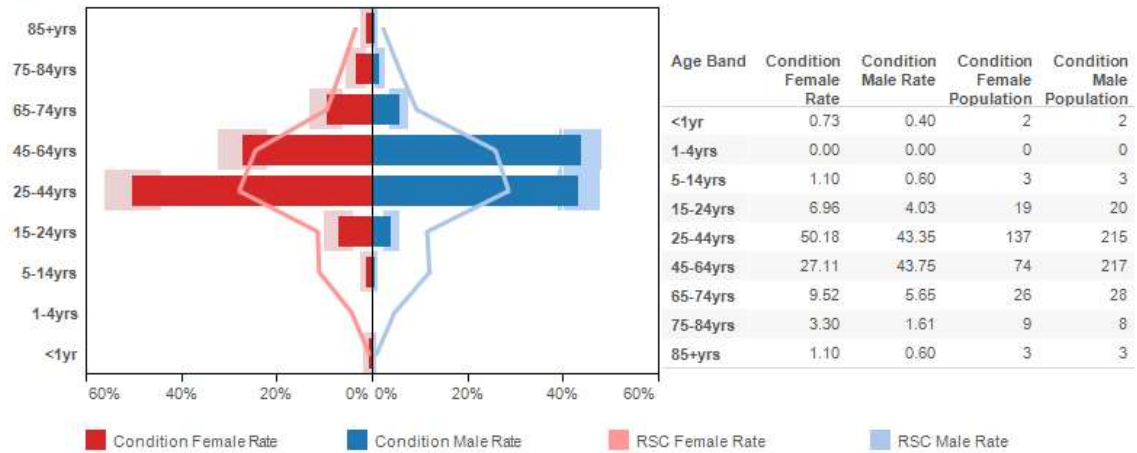
**Age-sex profile** **Intestinal Infections ( ICD10 : A00-A09 )**



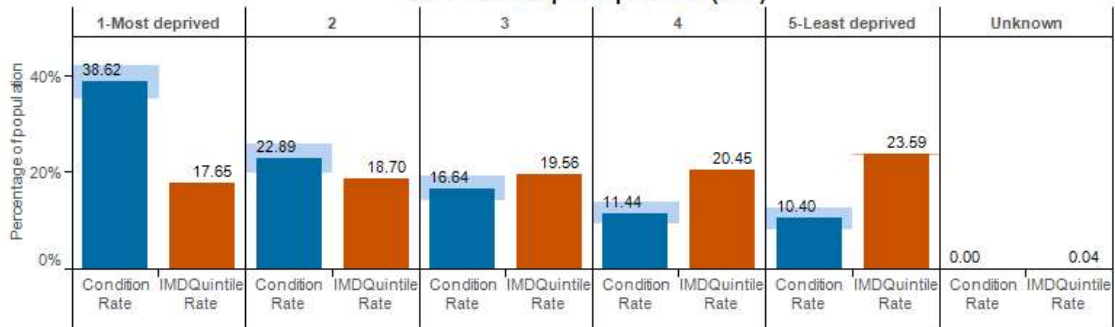


## Viral Hepatitis ( ICD10 : B15-B19 )

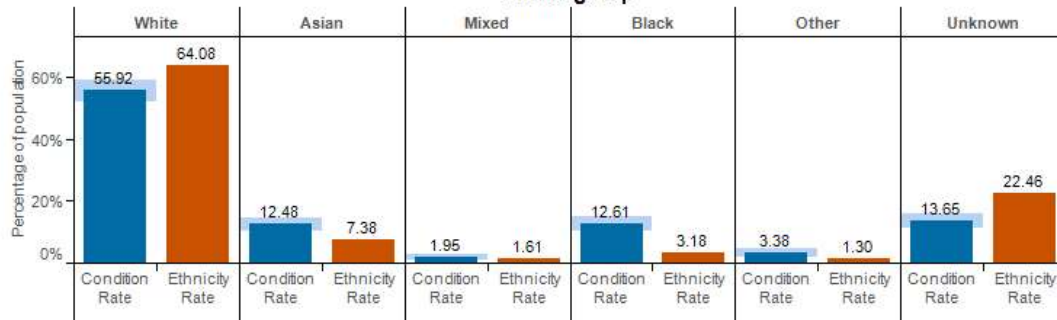
### Age-sex profile



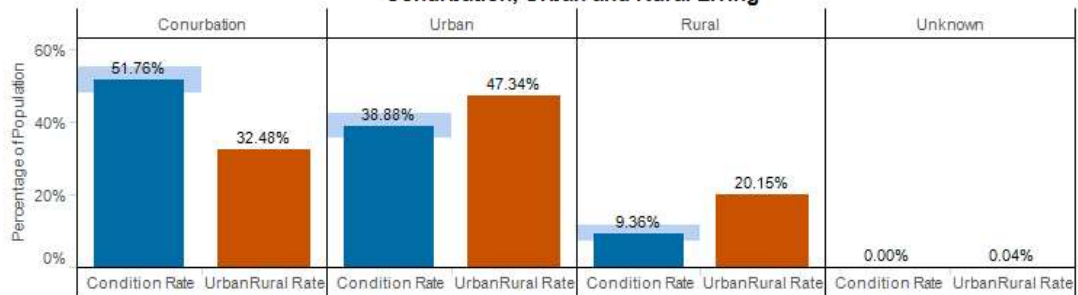
### Index of Multiple Deprivation (IMD)



### Ethnic group

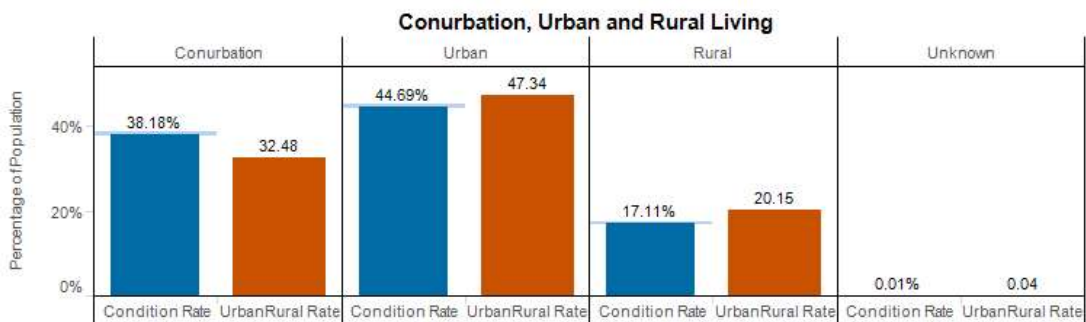
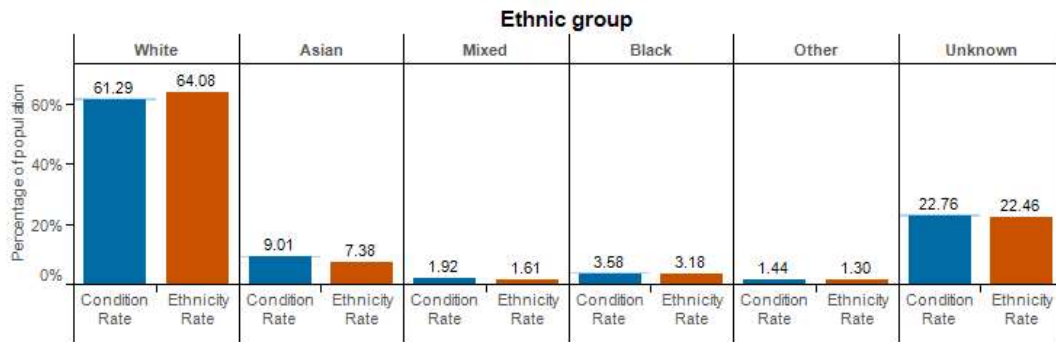
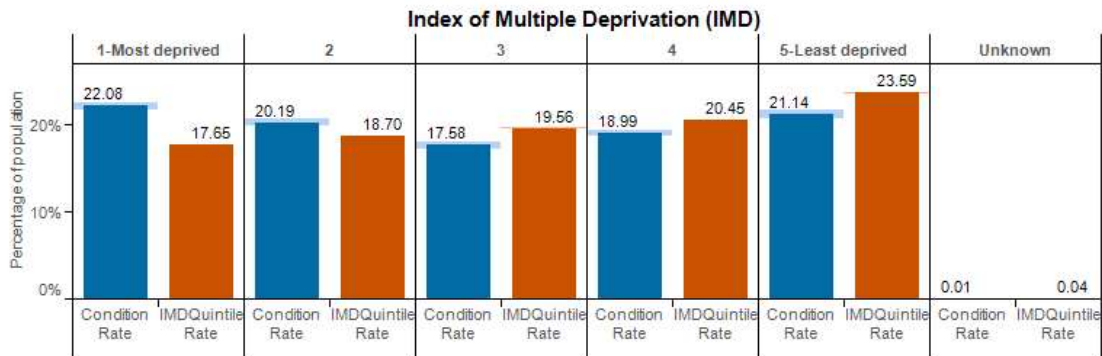
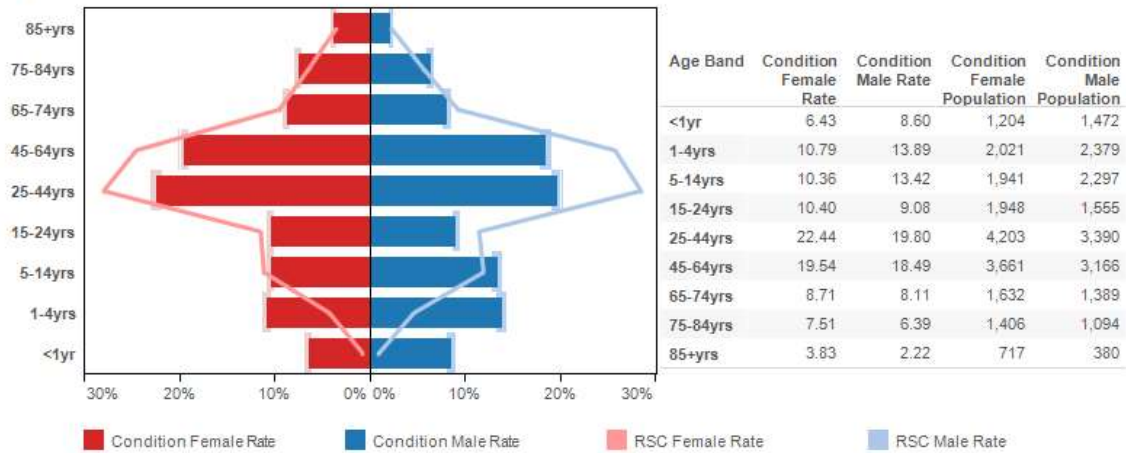


### Conurbation, Urban and Rural Living



## Non-infective Enteritis / Colitis ( ICD10 : K50-K52 )

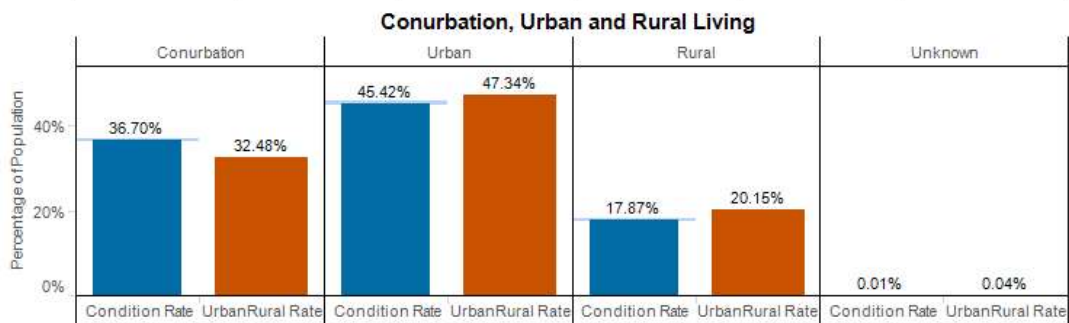
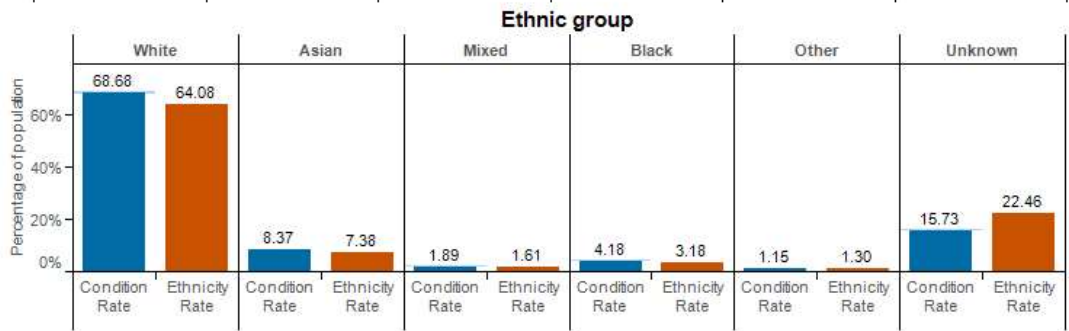
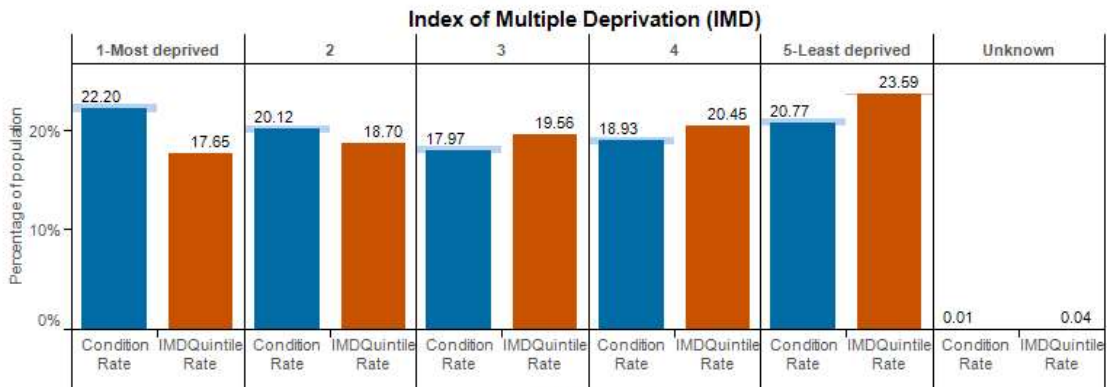
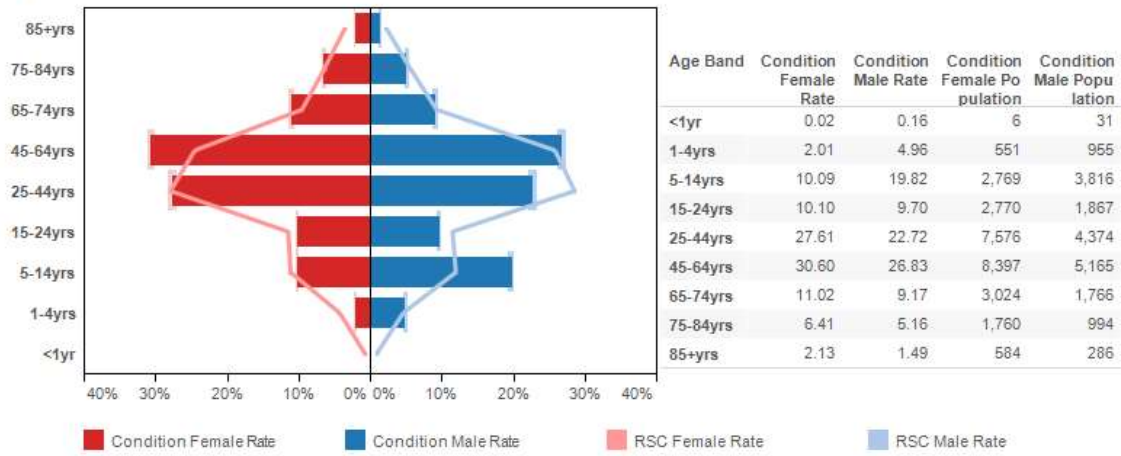
### Age-sex profile



2. Environmentally Sensitive Disorders:

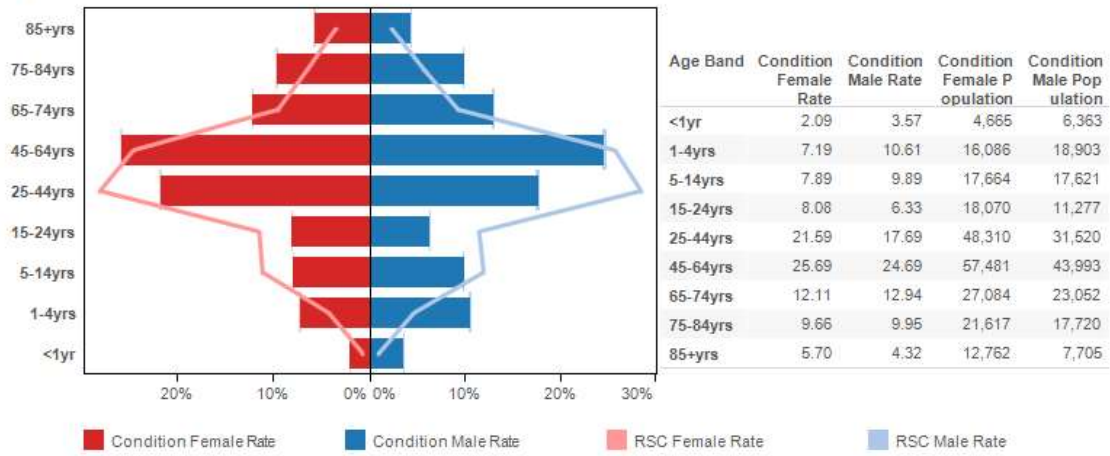
**Asthma ( ICD10 : J45 - J46 )**

**Age-sex profile**

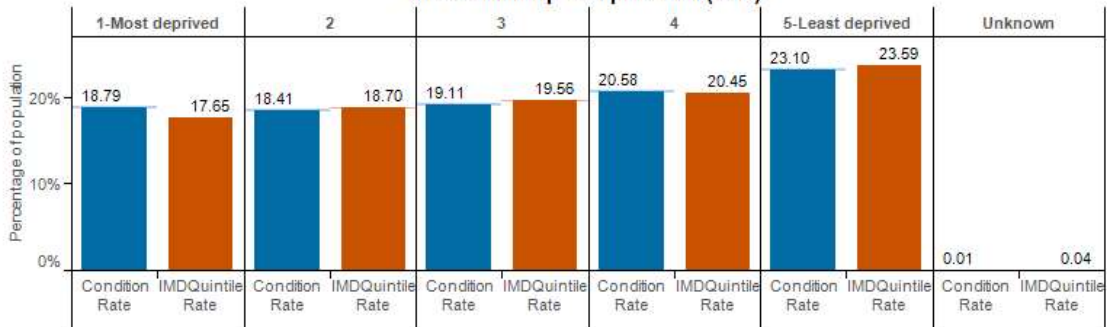


## Respiratory / chest symptoms ( ICD10 : R05 - R07; R09 )

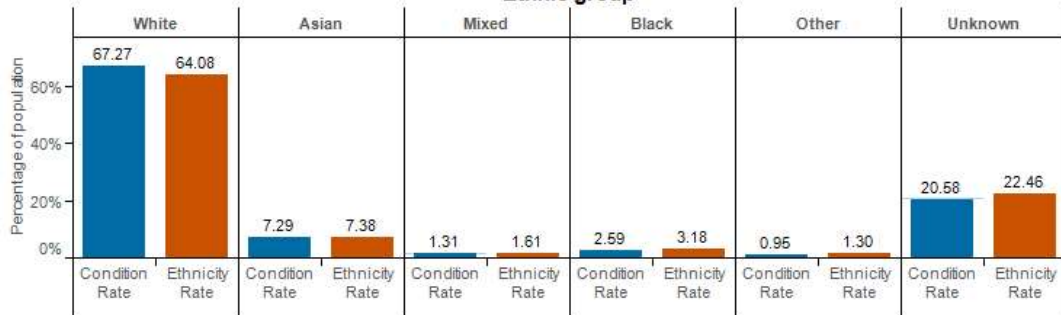
### Age-sex profile



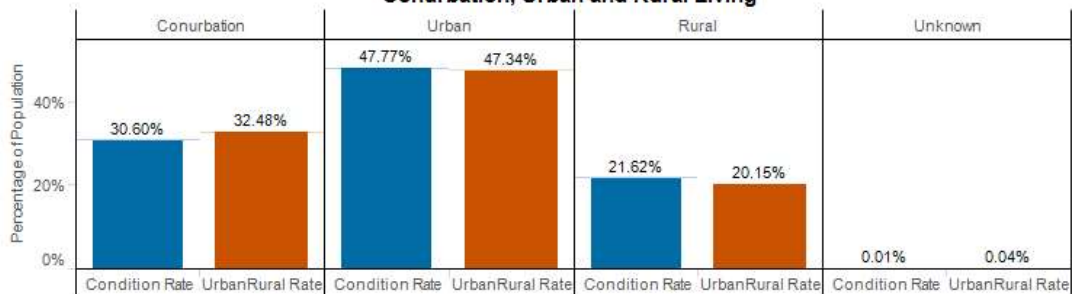
### Index of Multiple Deprivation (IMD)



### Ethnic group



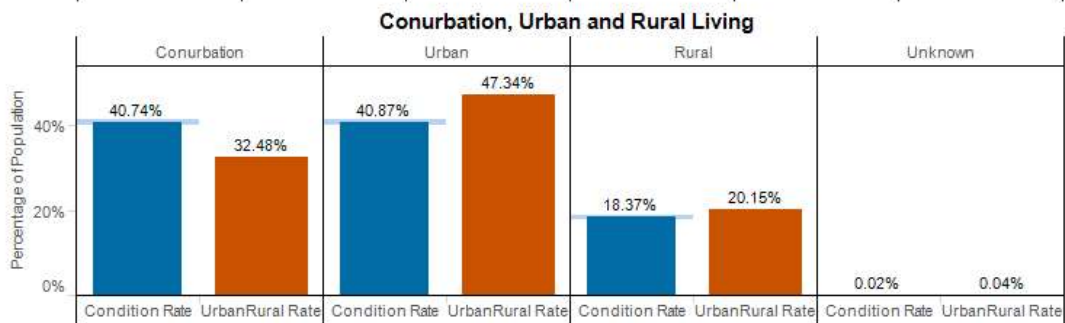
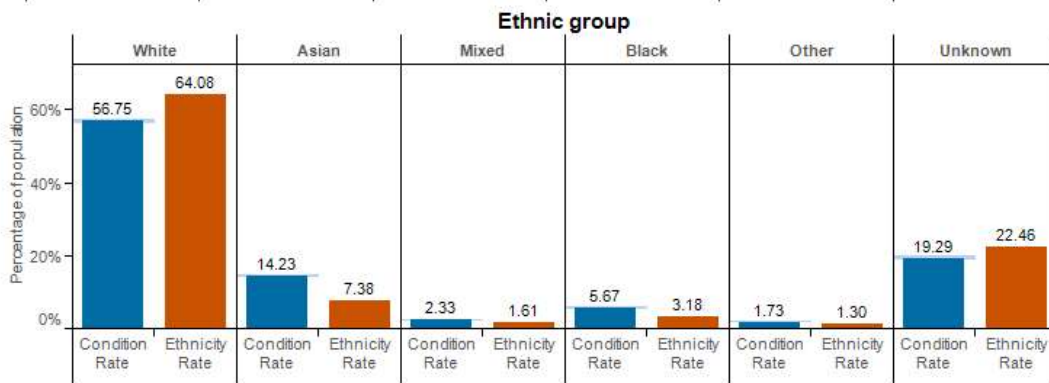
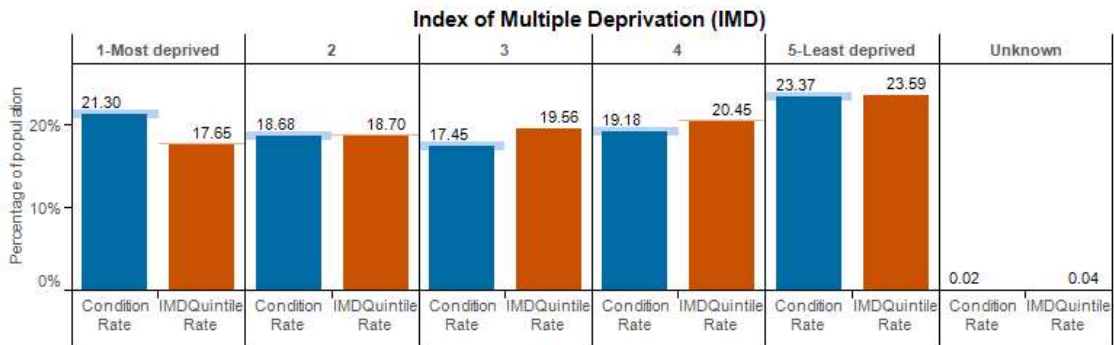
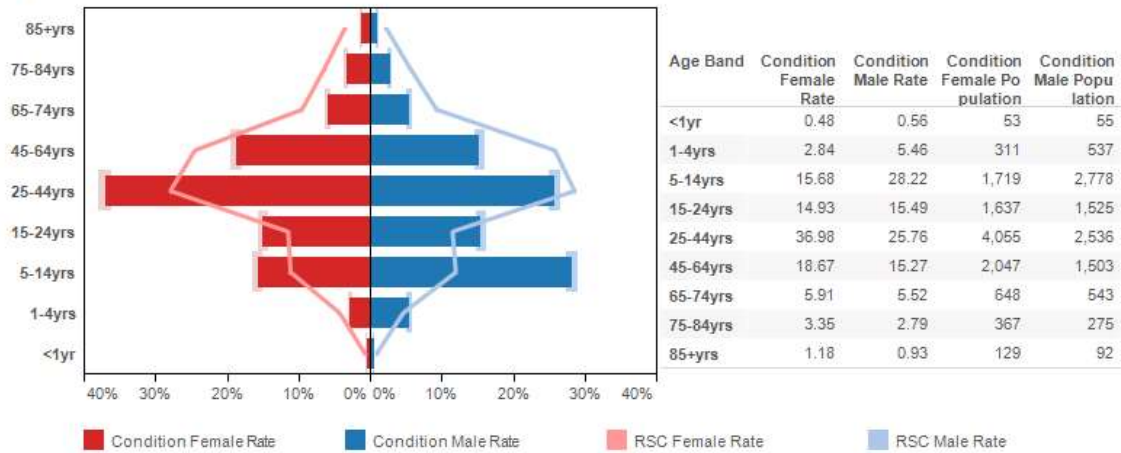
### Conurbation, Urban and Rural Living





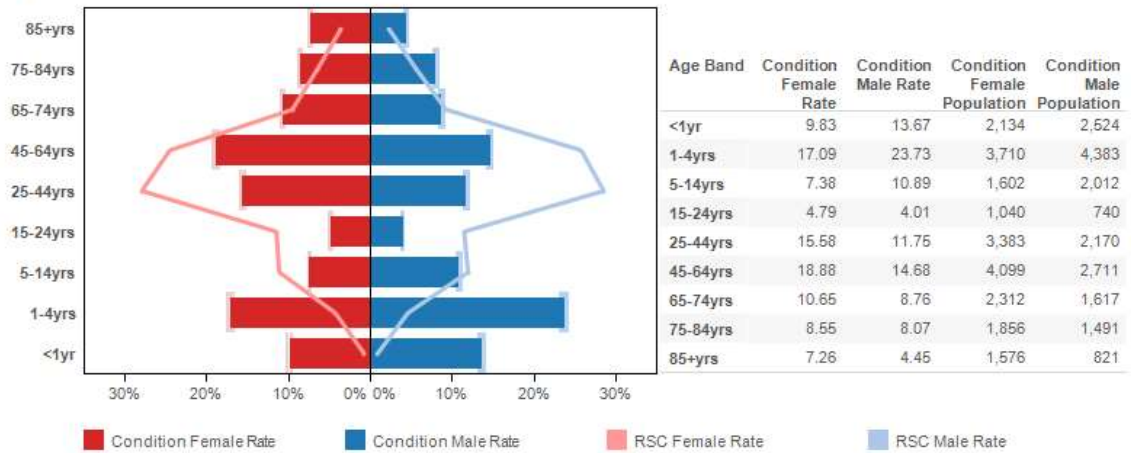
## Hayfever/Allergic Rhinitis ( ICD10: J30 )

### Age-sex profile

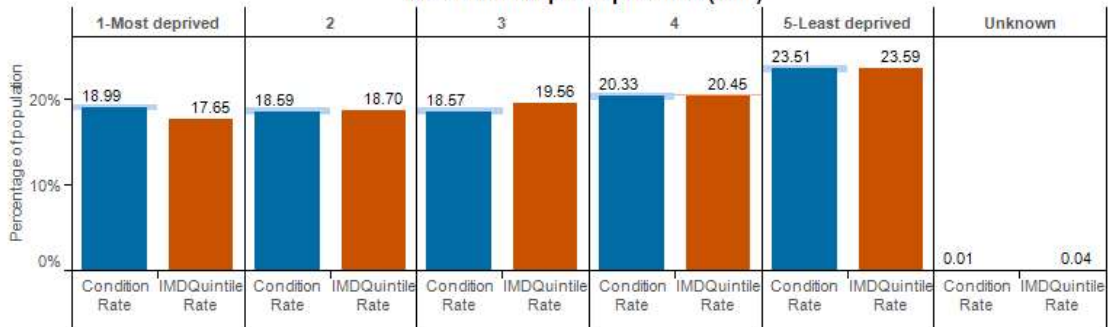


## Conjunctivitis ( ICD10 : H10 - H13 )

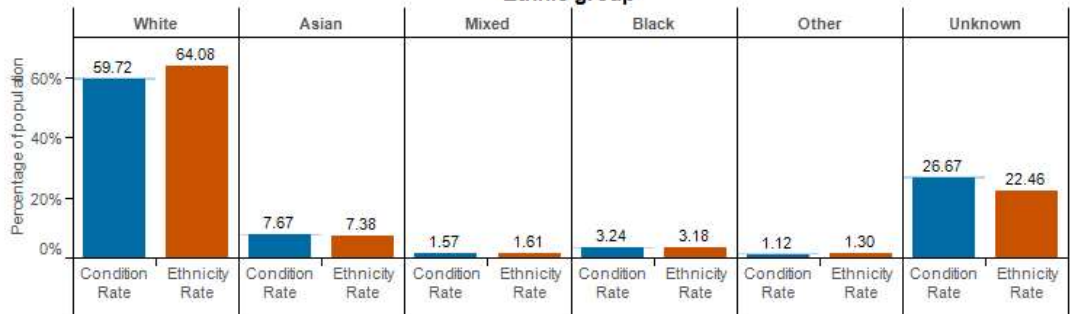
### Age-sex profile



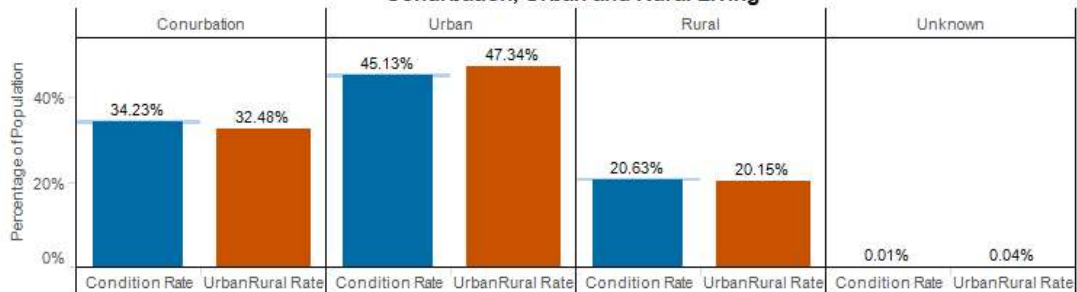
### Index of Multiple Deprivation (IMD)



### Ethnic group



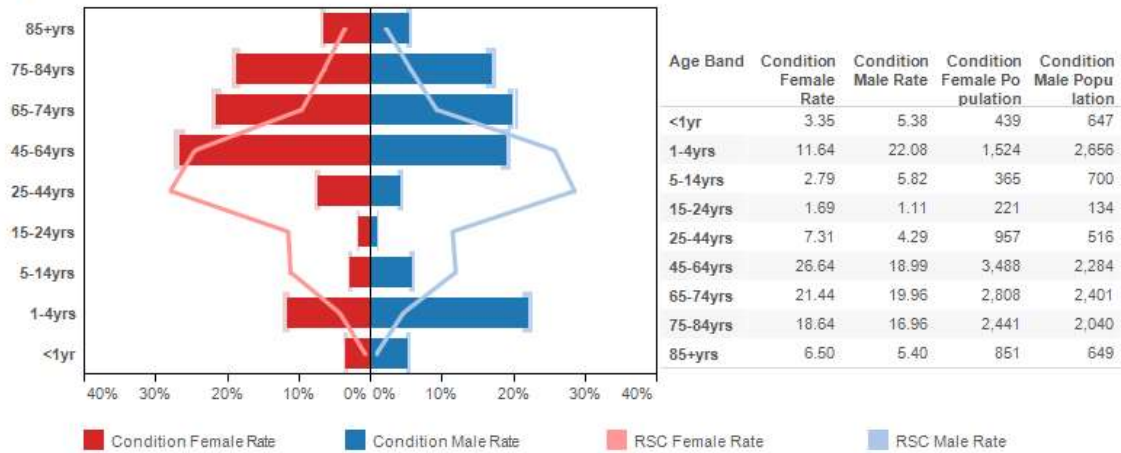
### Conurbation, Urban and Rural Living



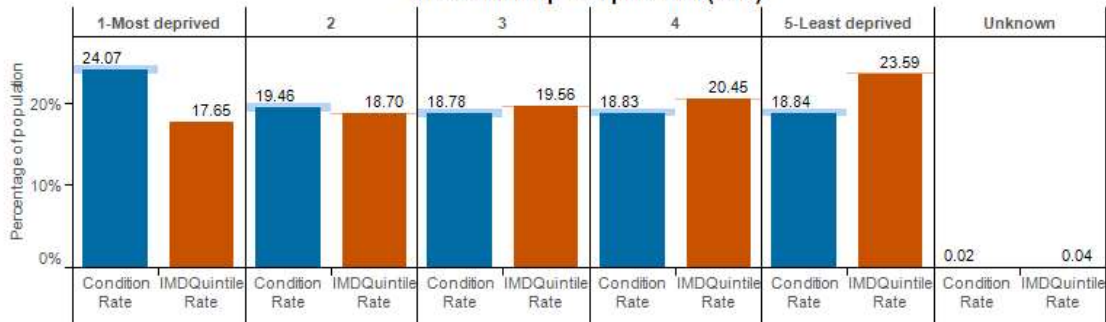
3. Respiratory Infections:

**Acute Bronchitis ( ICD10: J20-J21,J4 )**

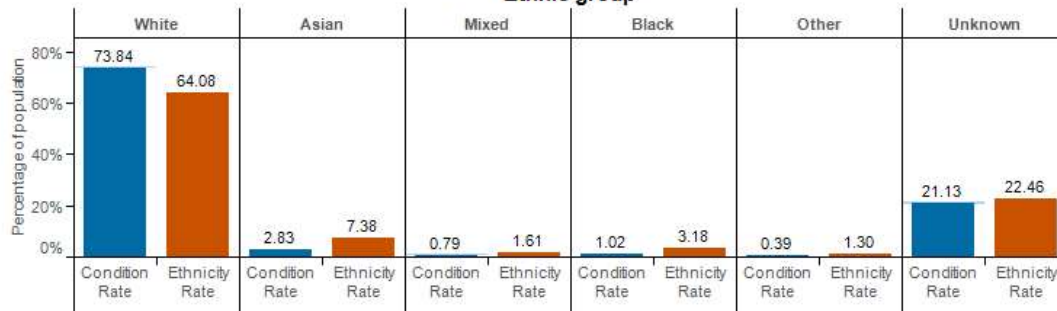
**Age-sex profile**



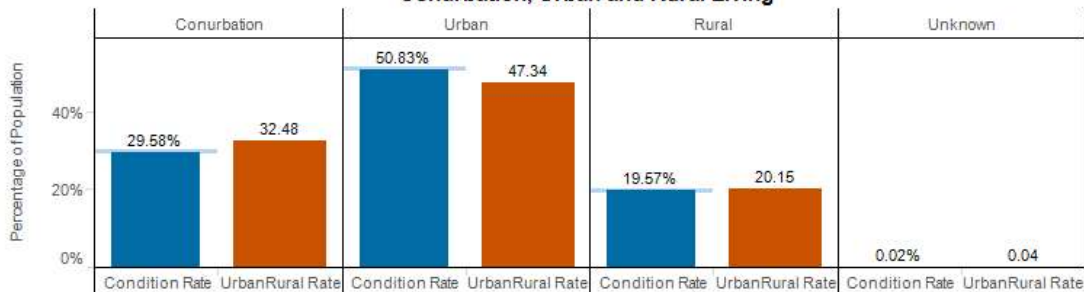
**Index of Multiple Deprivation (IMD)**



**Ethnic group**

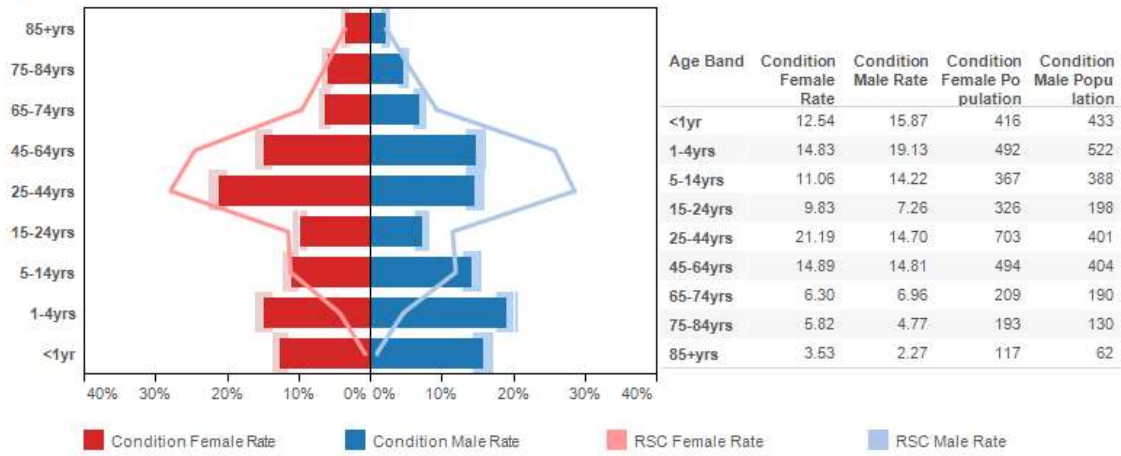


**Conurbation, Urban and Rural Living**



## Common Cold ( ICD10 : R05 - R07; R09 )

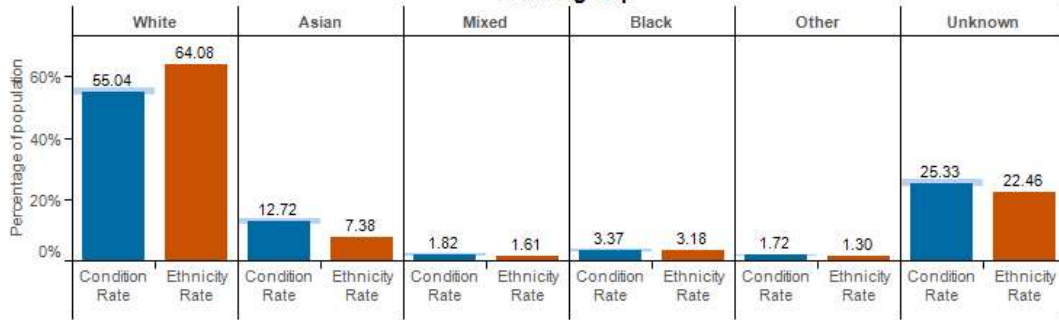
### Age-sex profile



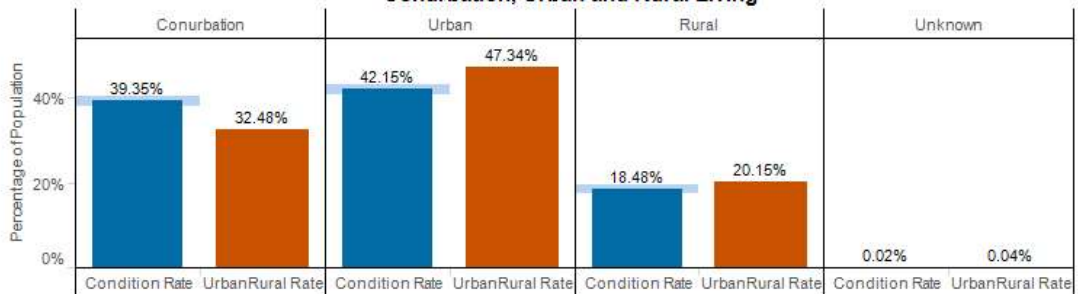
### Index of Multiple Deprivation (IMD)



### Ethnic group



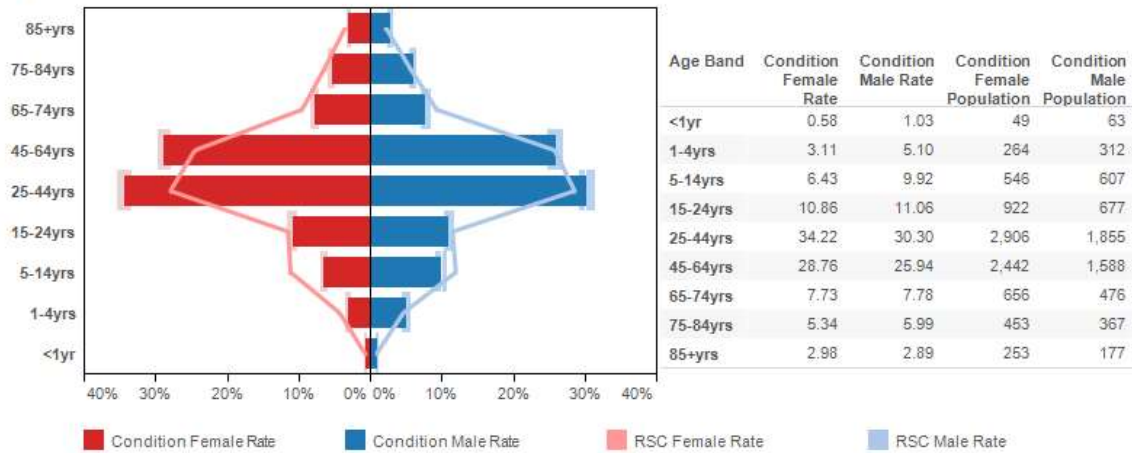
### Conurbation, Urban and Rural Living



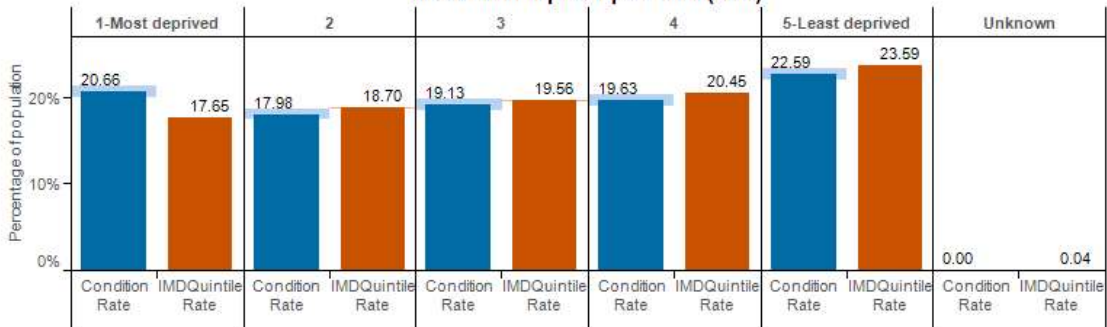


## Influenza-like illness ( ICD10 : J09 - J11 )

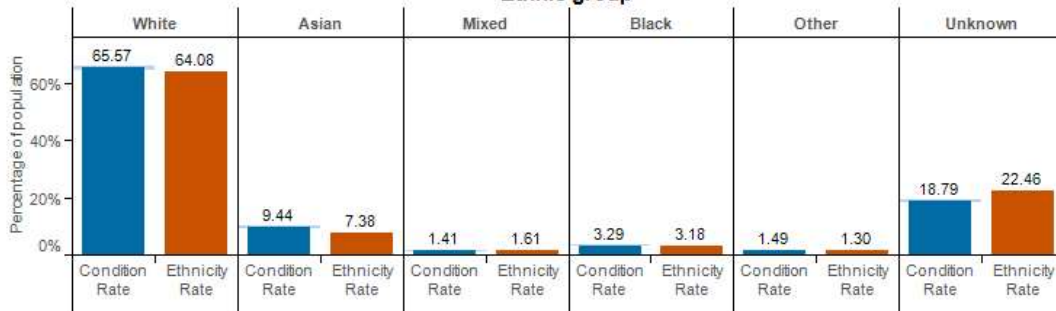
### Age-sex profile



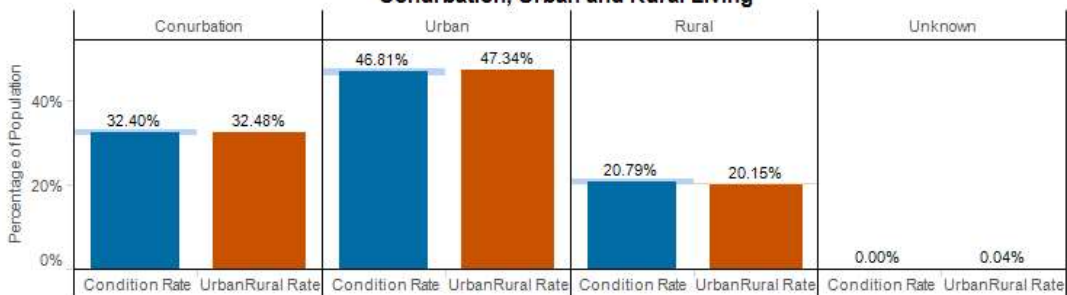
### Index of Multiple Deprivation (IMD)



### Ethnic group

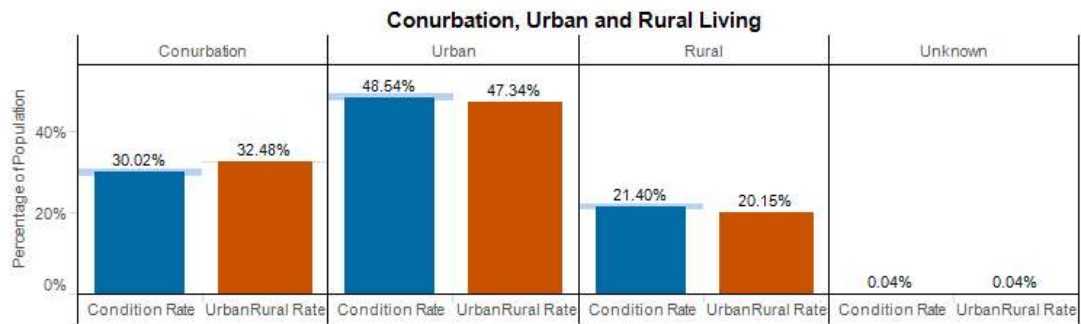
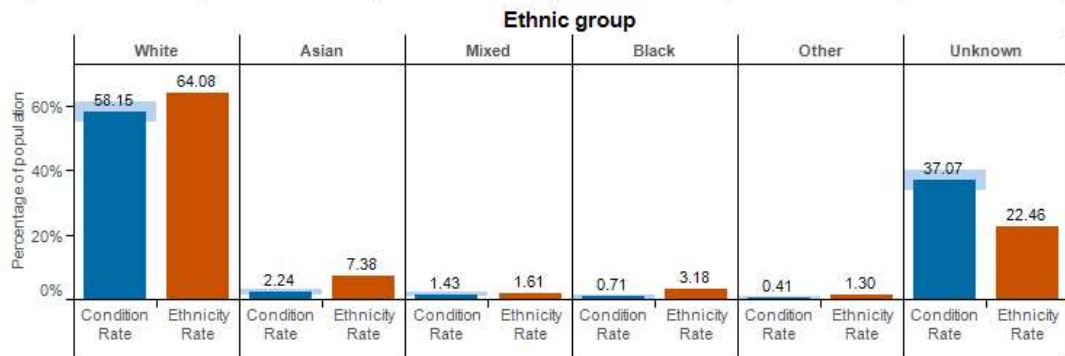
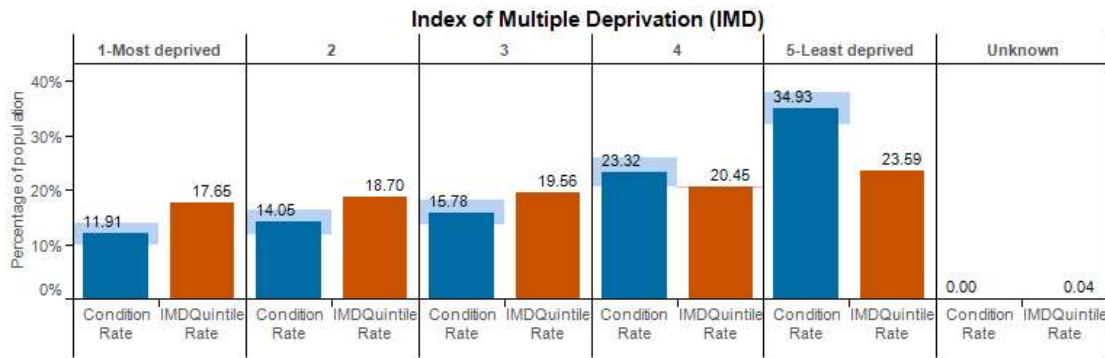
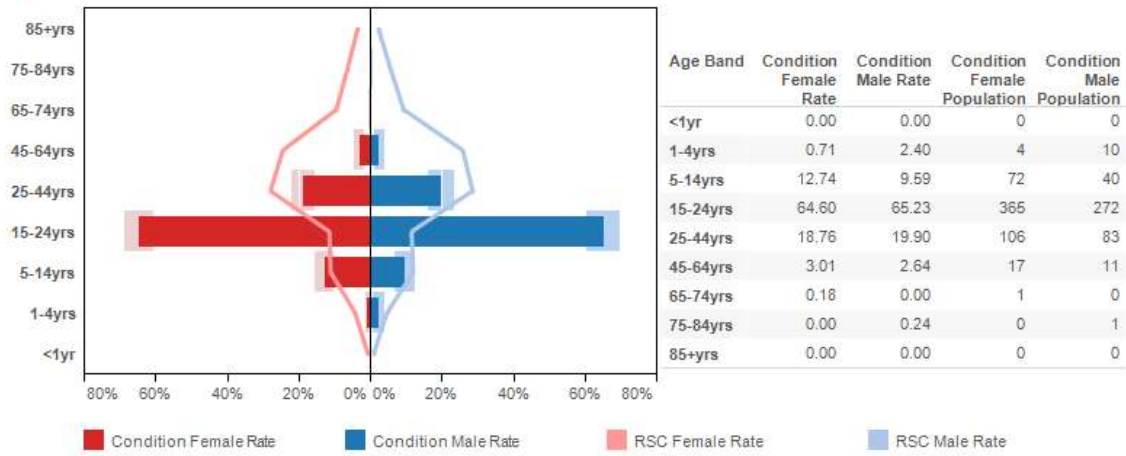


### Conurbation, Urban and Rural Living



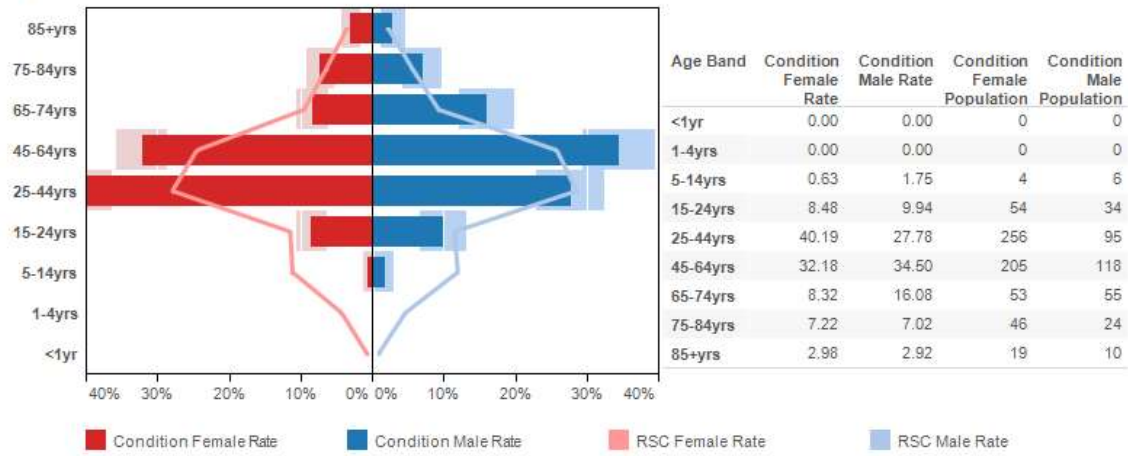
## Laryngitis / Tracheitis ( ICD10 : J04 )

### Age-sex profile

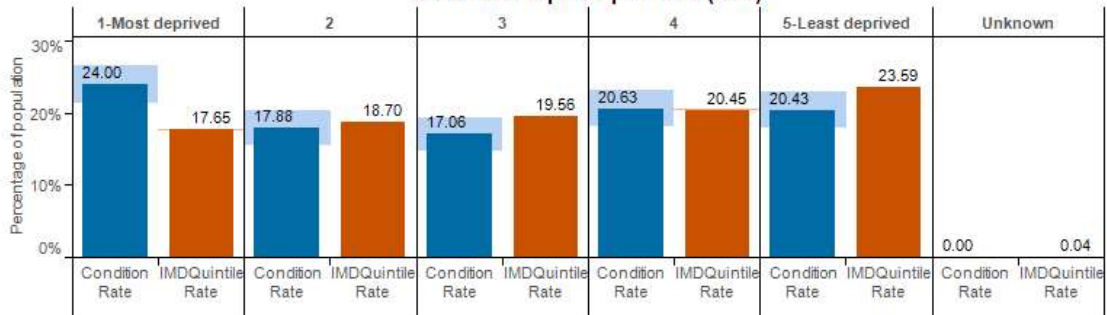


## Pleurisy ( ICD10 : R091 )

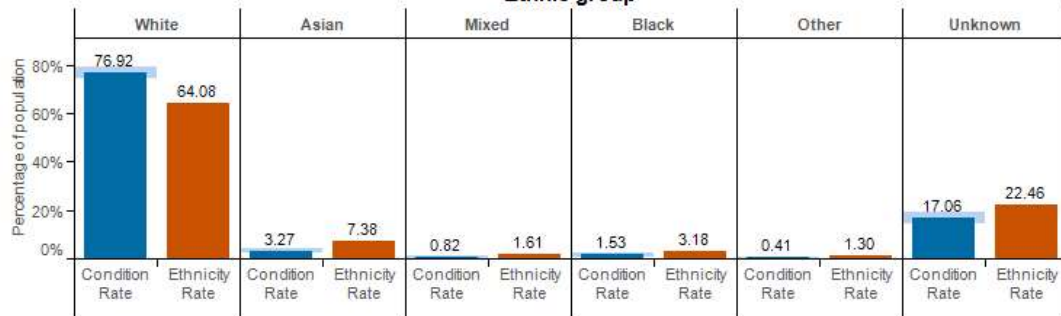
### Age-sex profile



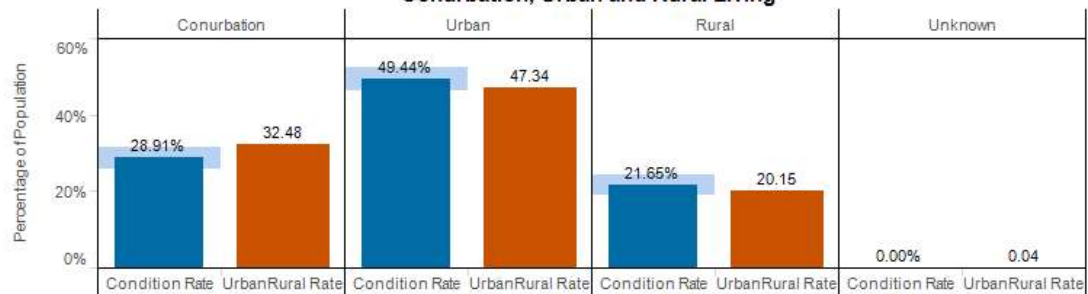
### Index of Multiple Deprivation (IMD)



### Ethnic group

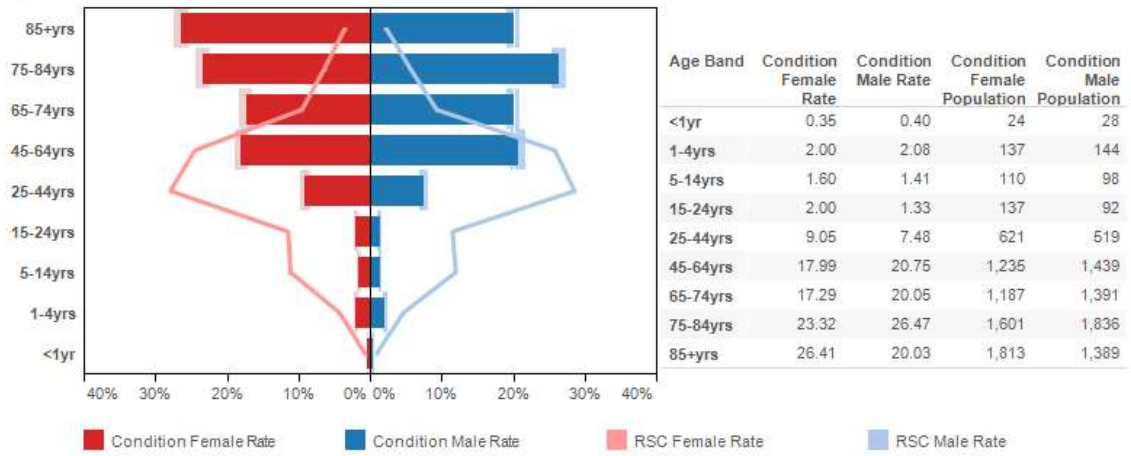


### Conurbation, Urban and Rural Living

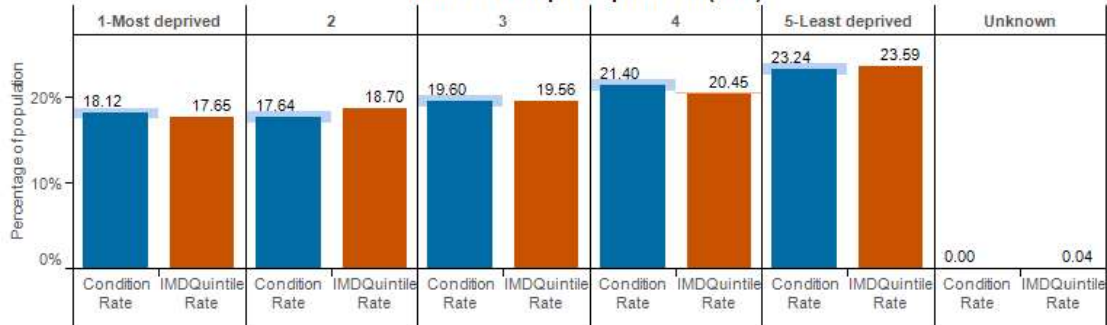


## Pneumonia / Pneumonitis ( ICD10 : J12 - J18 )

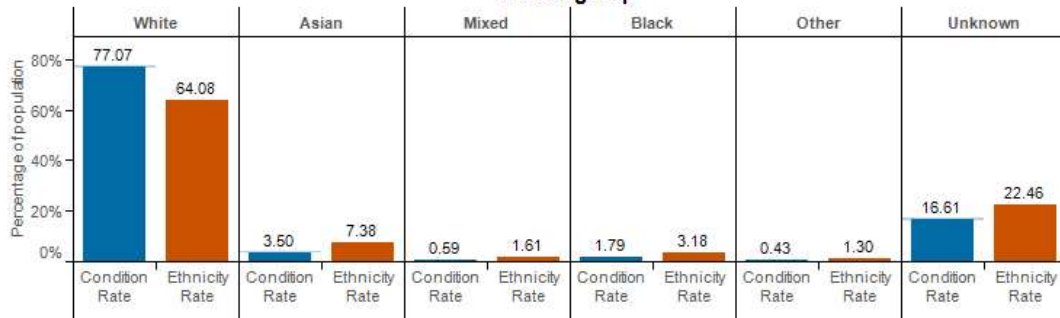
### Age-sex profile



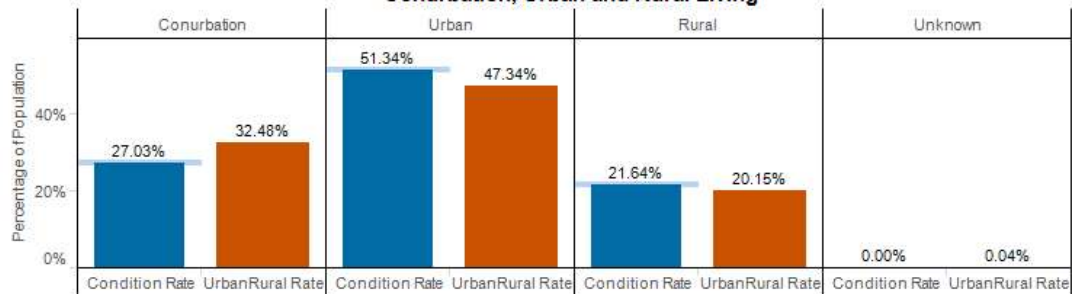
### Index of Multiple Deprivation (IMD)



### Ethnic group

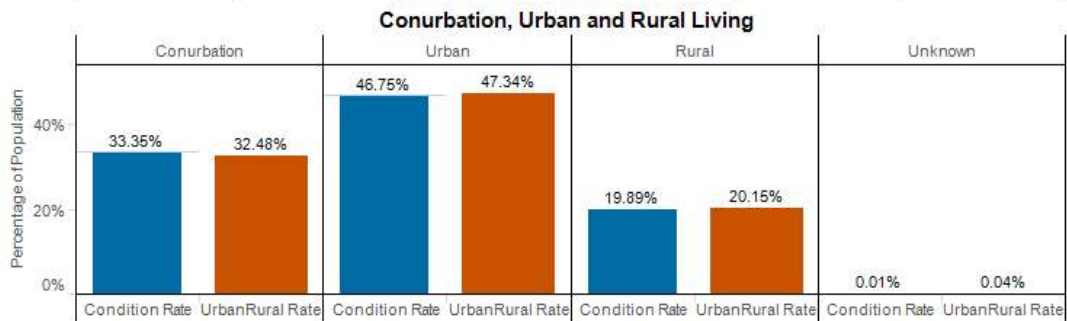
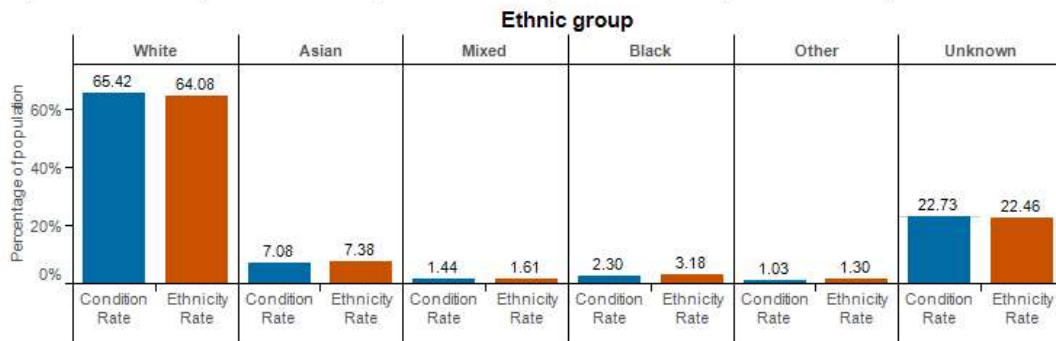
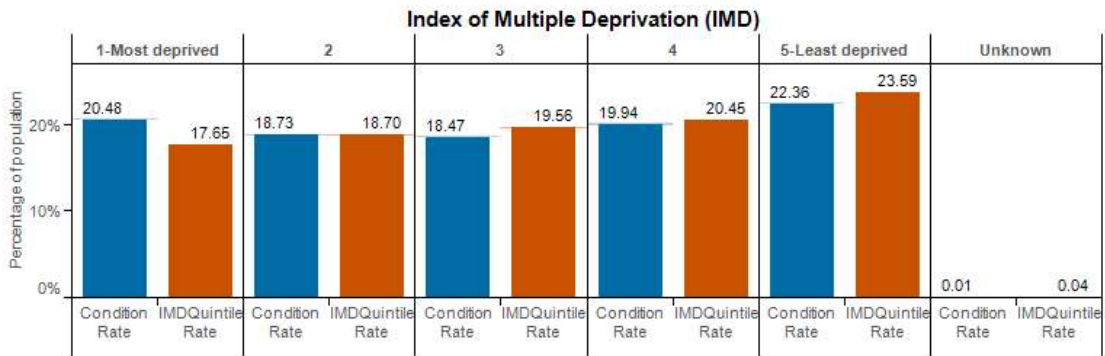
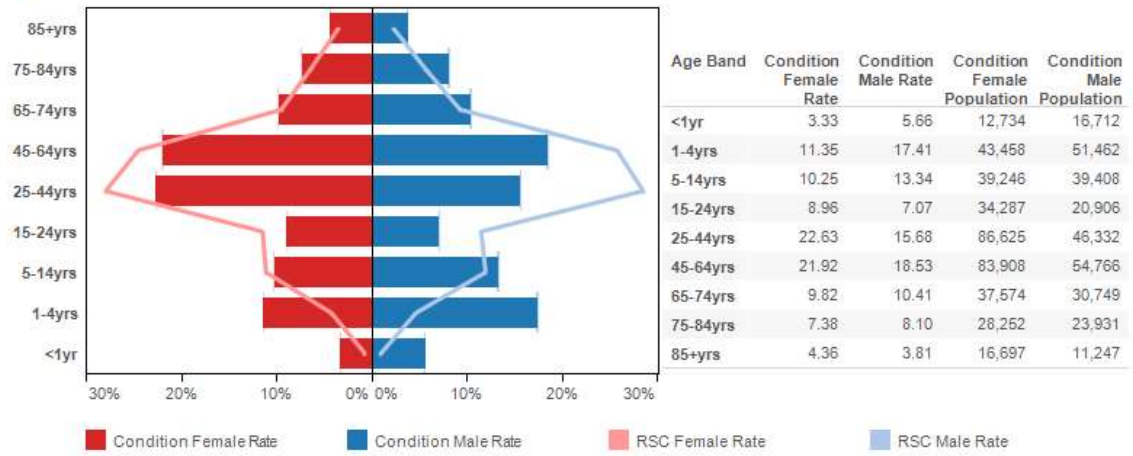


### Conurbation, Urban and Rural Living



## Respiratory disorders ( ICD10 : J00-J99 )

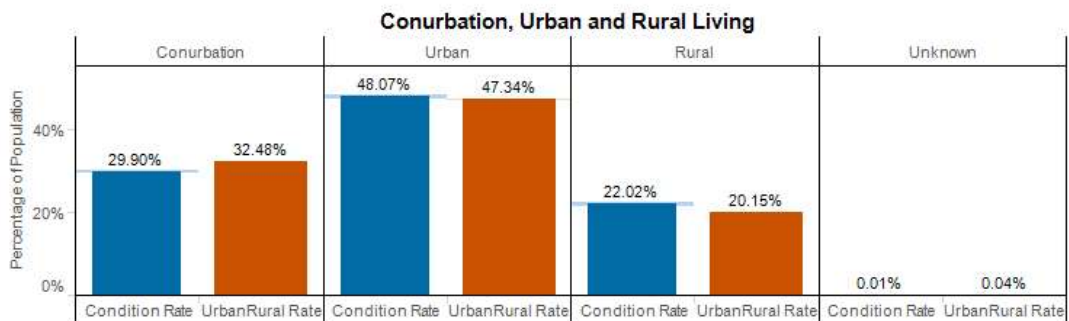
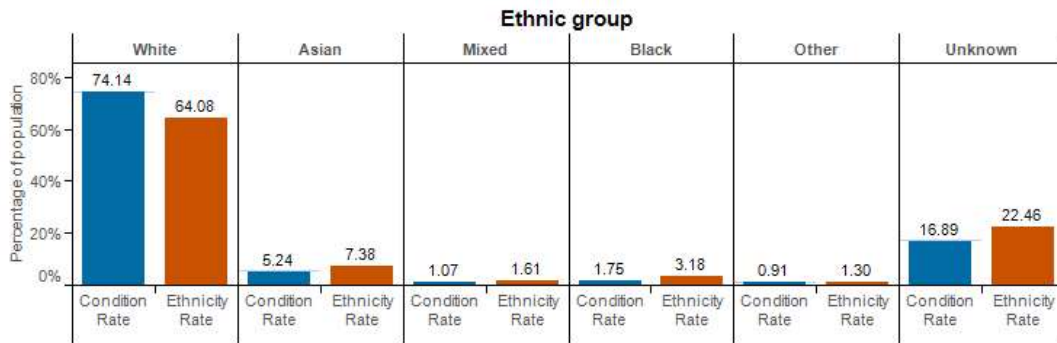
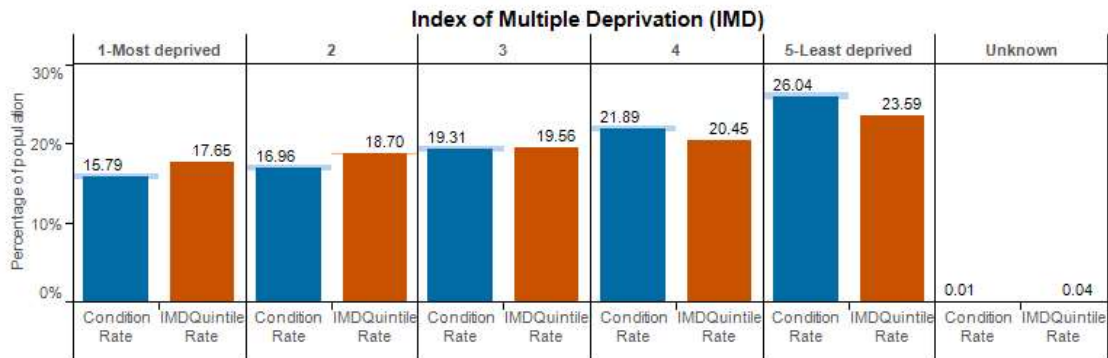
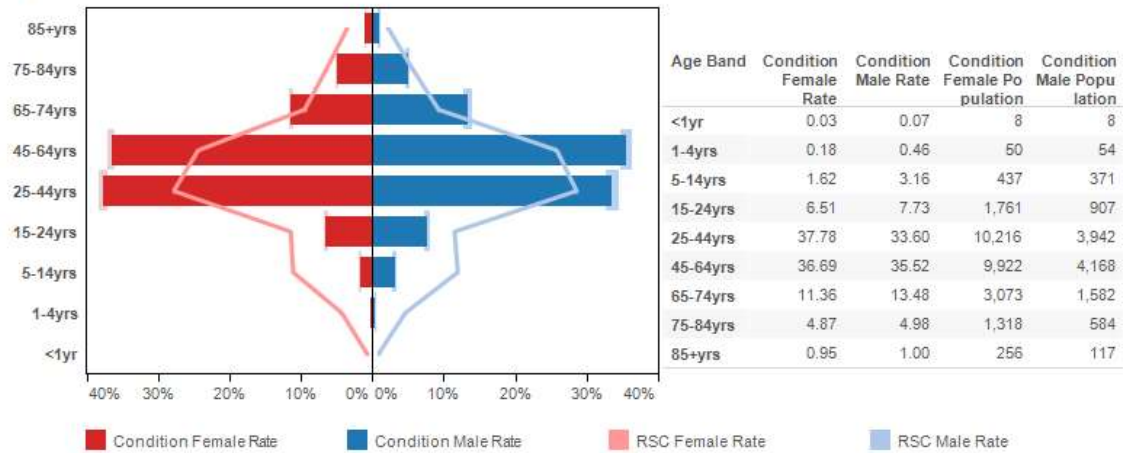
### Age-sex profile





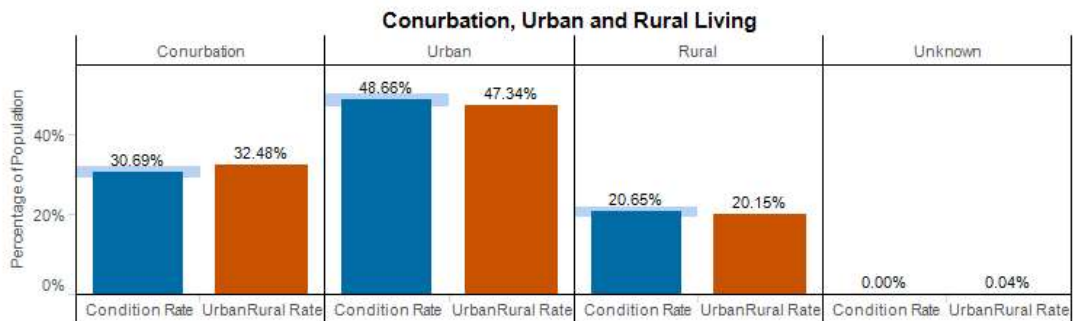
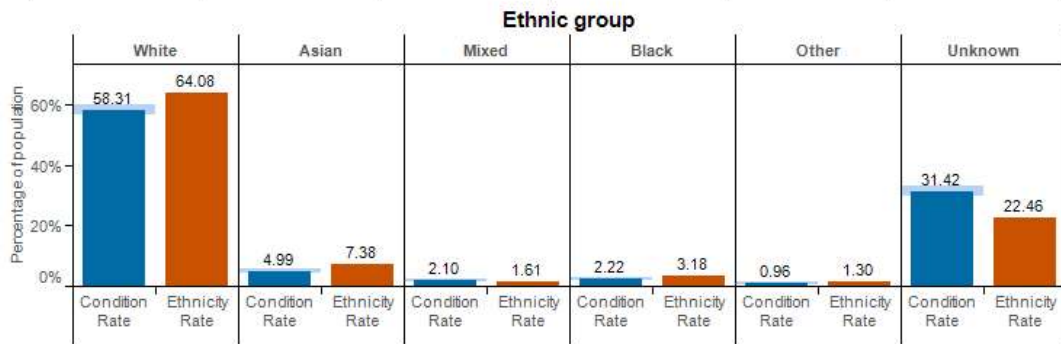
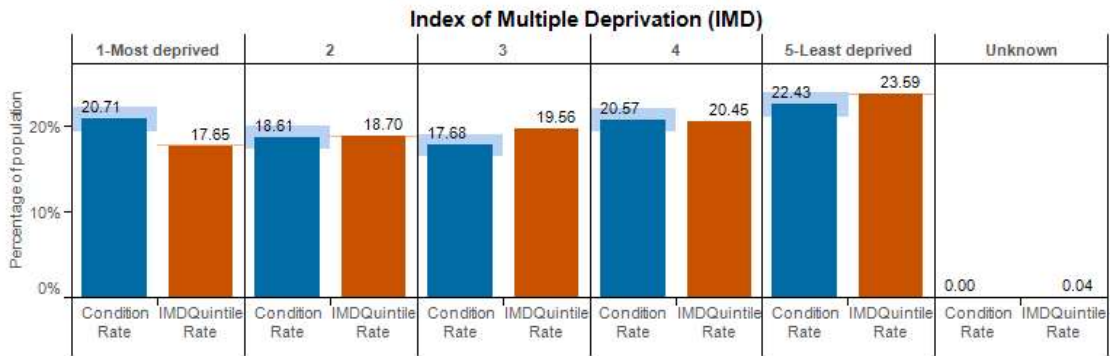
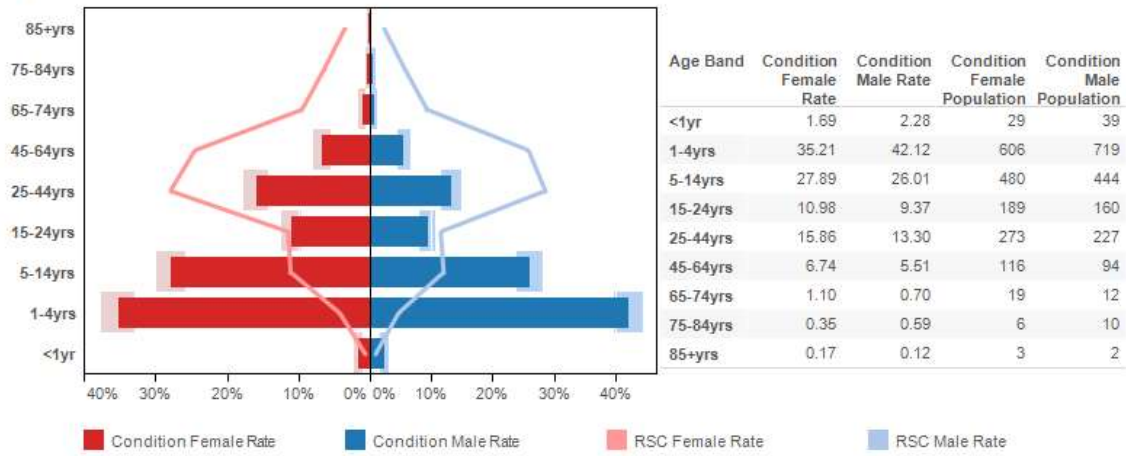
## Acute Sinusitis ( ICD10 : J01 )

### Age-sex profile



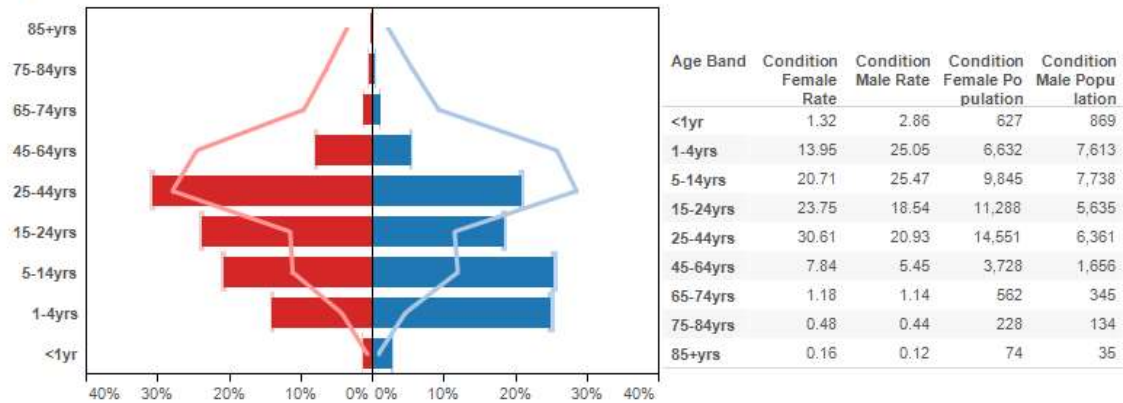
## Strep throat / peritonsillar abscess ( ICD10 : A38; J020; J36 )

### Age-sex profile

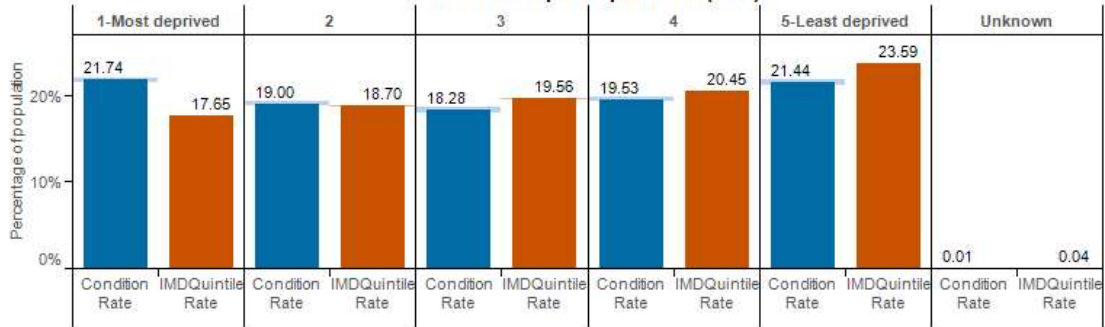


## Tonsillitis / Pharyngitis ( ICD10 : J02 - J03 )

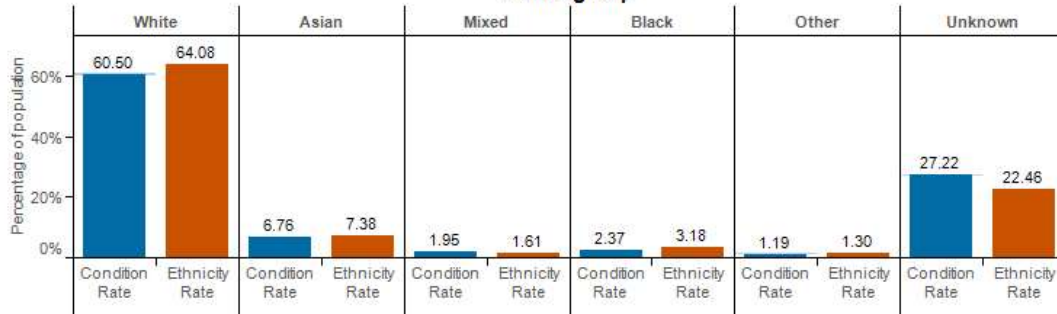
### Age-sex profile



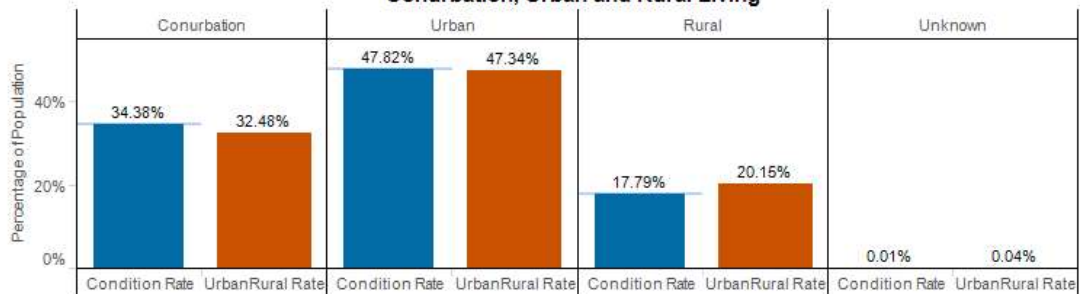
### Index of Multiple Deprivation (IMD)



### Ethnic group



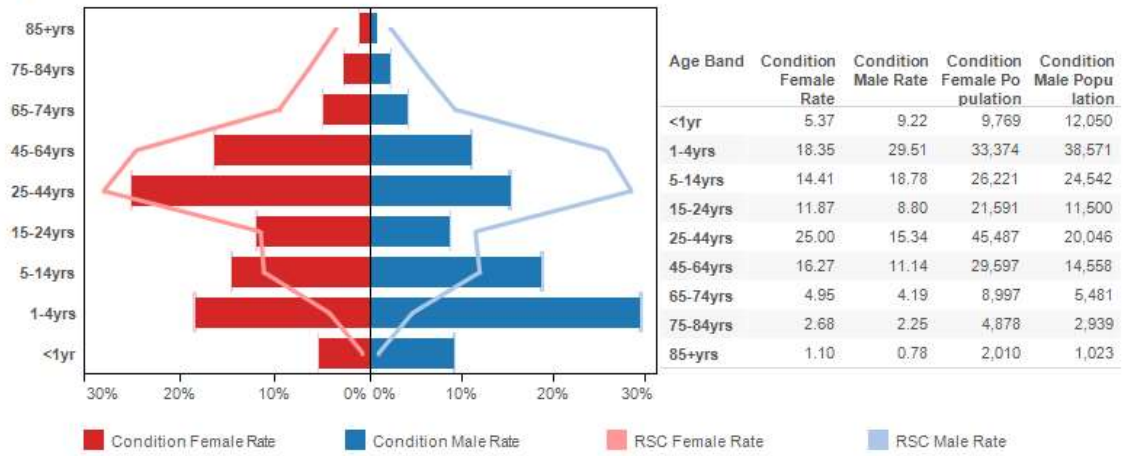
### Conurbation, Urban and Rural Living



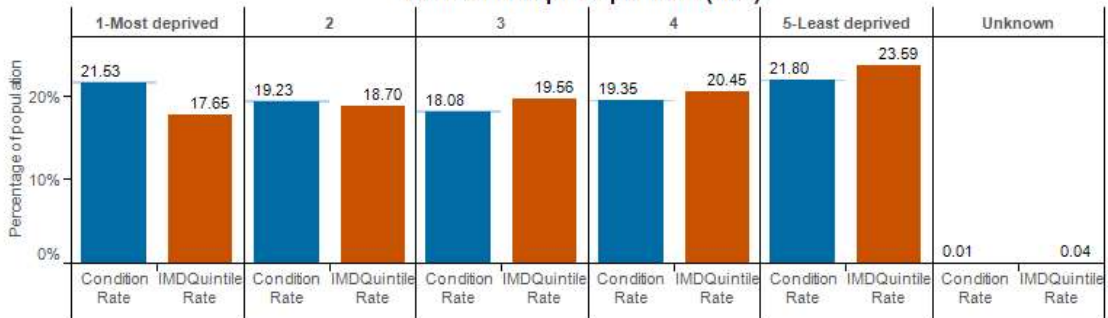


## Upper Respiratory Tract Infections ( ICD10 : J00 - J06 )

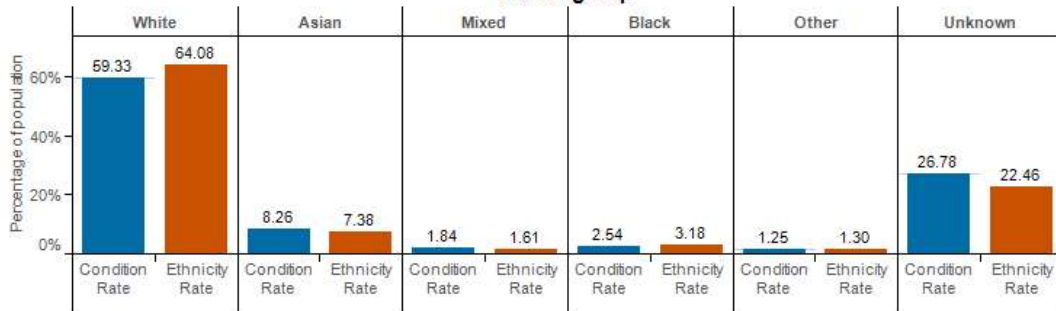
### Age-sex profile



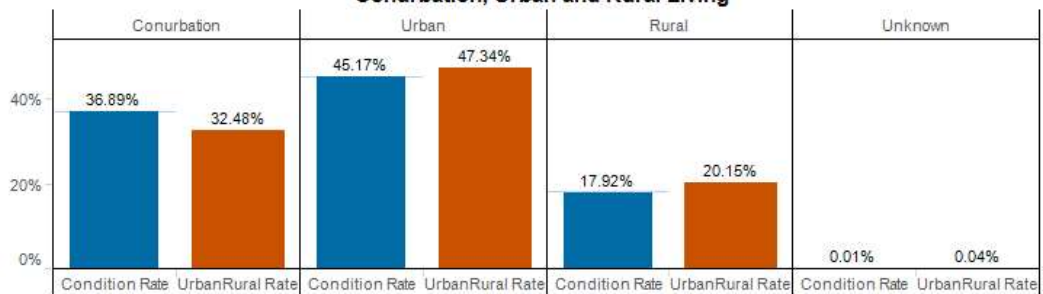
### Index of Multiple Deprivation (IMD)



### Ethnic group

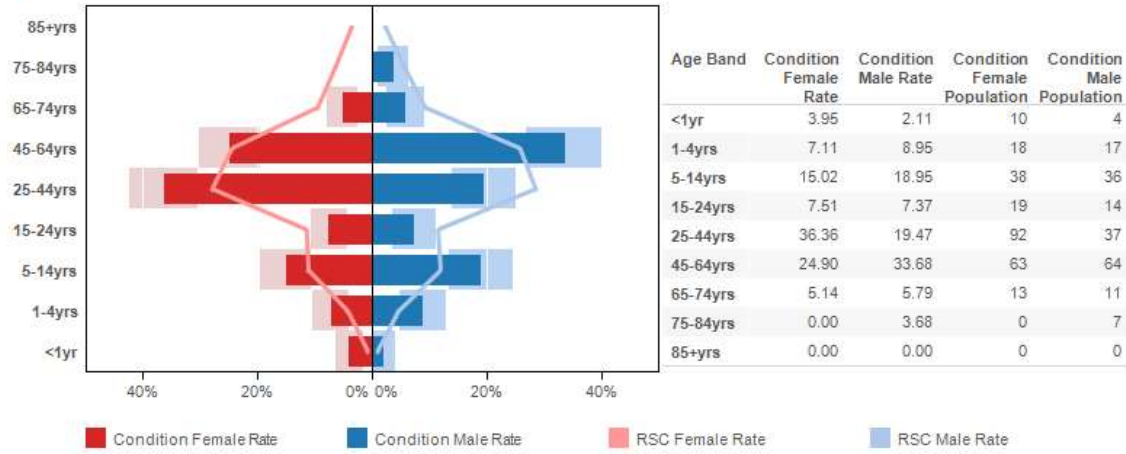


### Conurbation, Urban and Rural Living

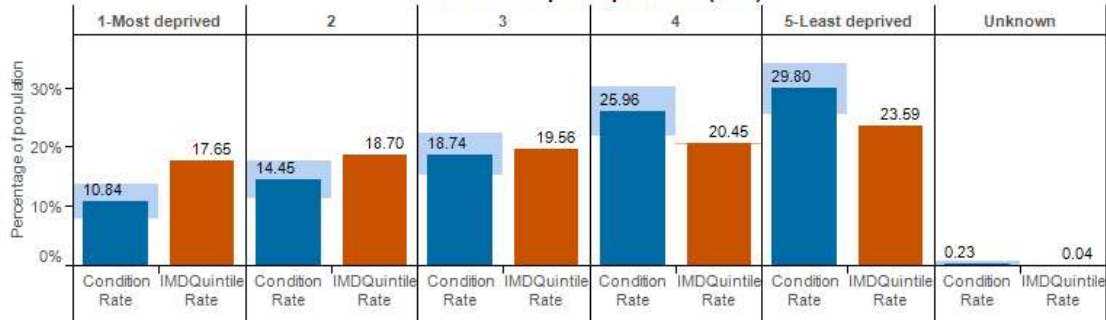


## Pertussis ( ICD10 : A37 )

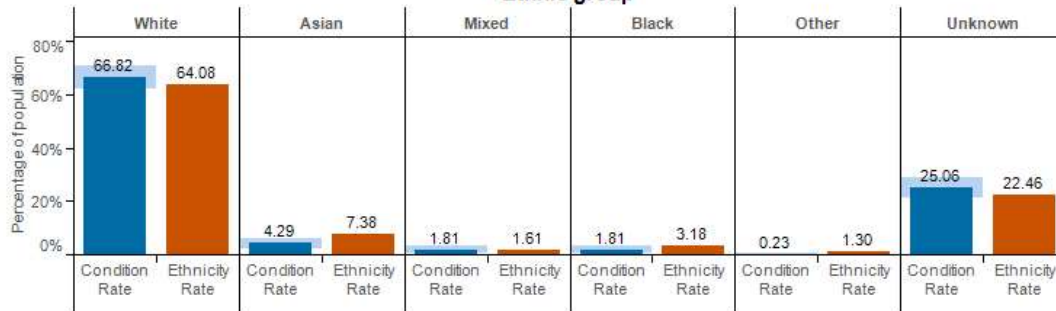
### Age-sex profile



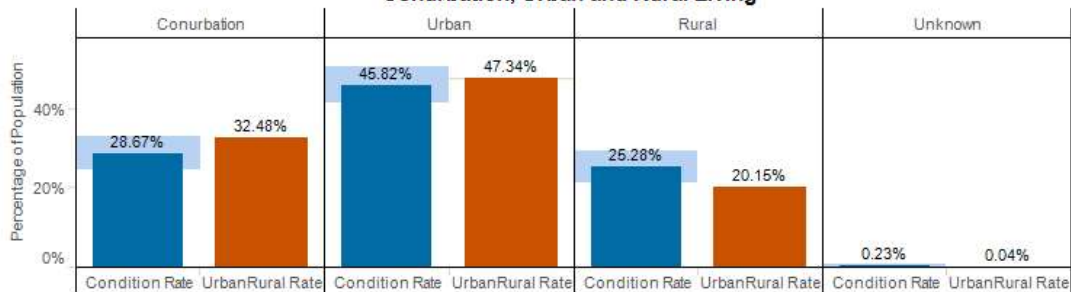
### Index of Multiple Deprivation (IMD)



### Ethnic group

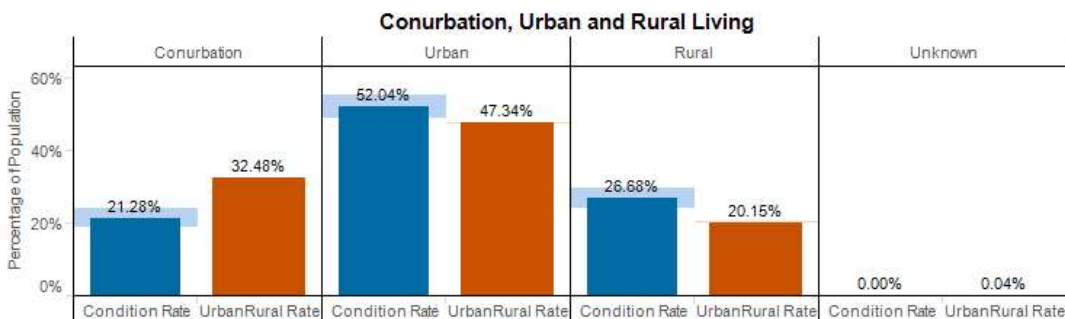
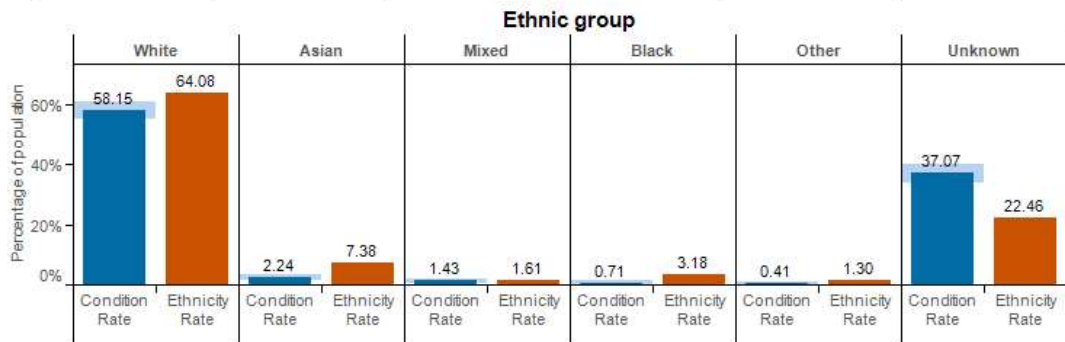
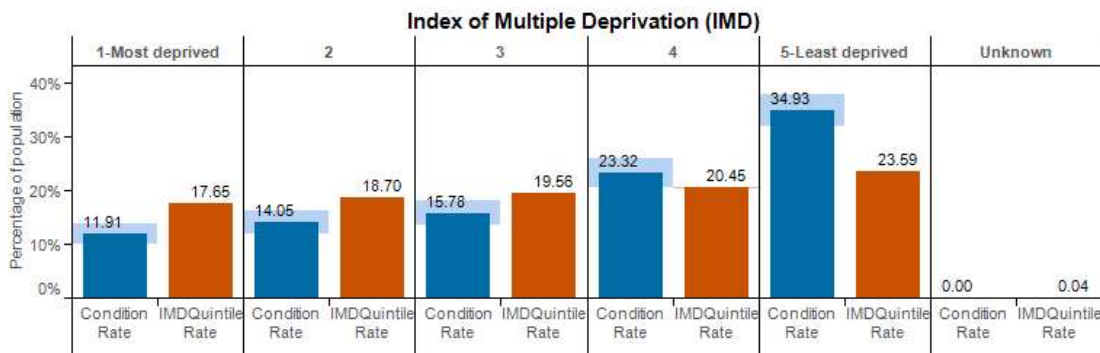
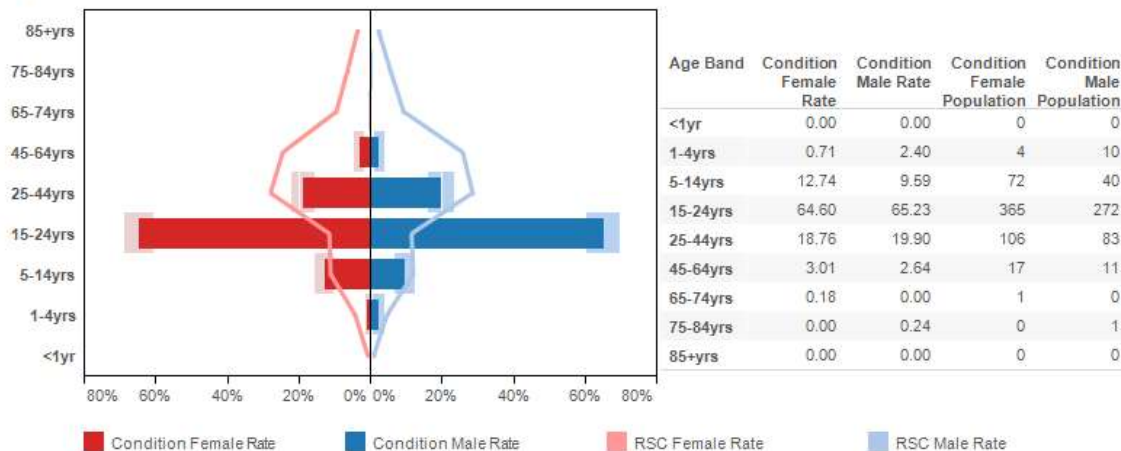


### Conurbation, Urban and Rural Living



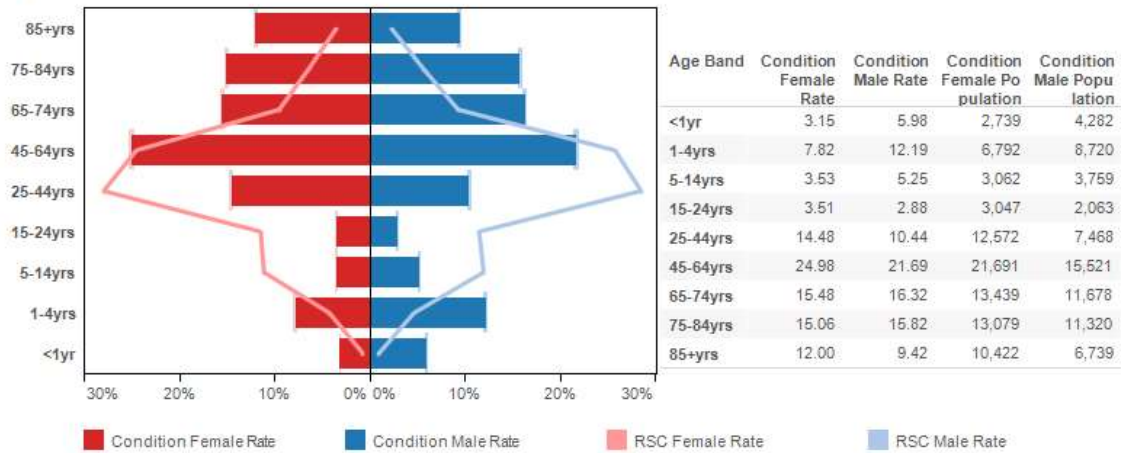
## Infectious Mononucleosis ( ICD10 : B27 )

### Age-sex profile

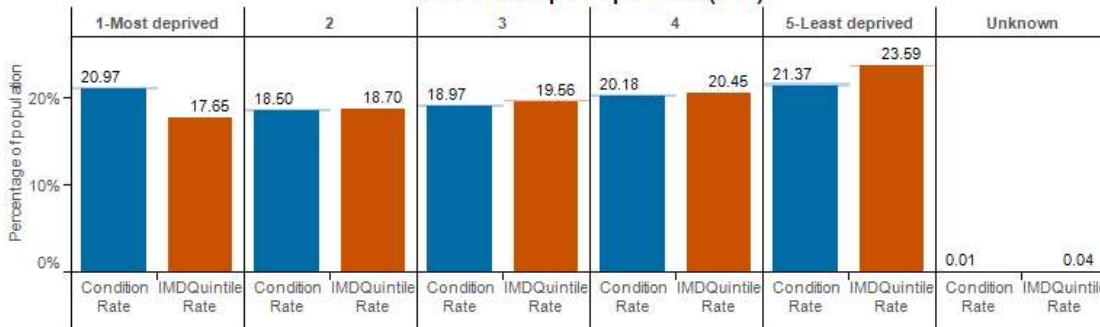


## Lower Respiratory Tract Infections ( ICD10 : J20-J22 )

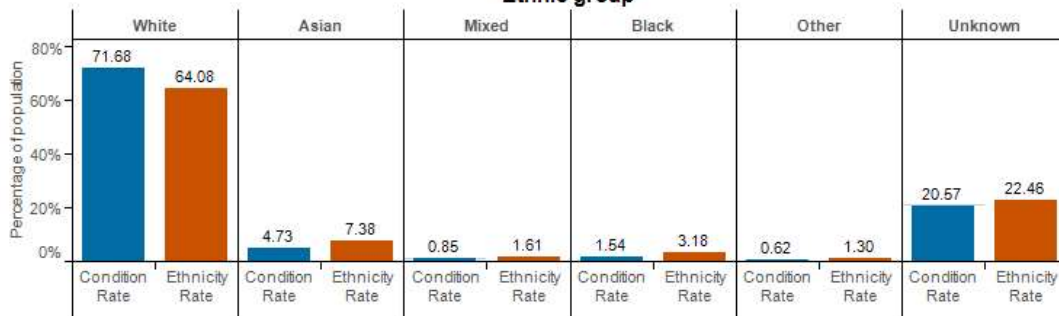
### Age-sex profile



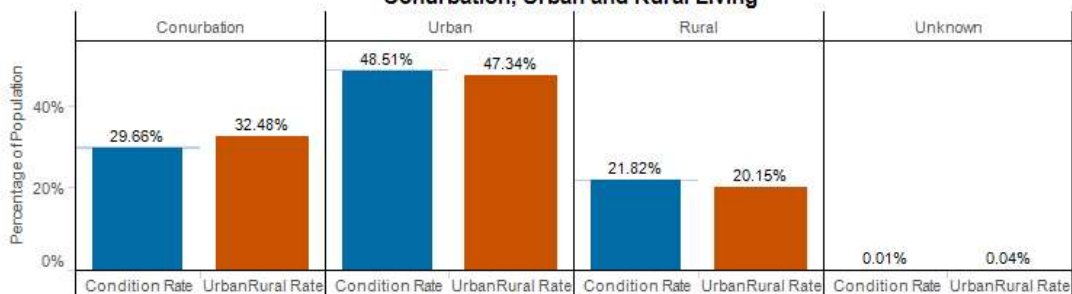
### Index of Multiple Deprivation (IMD)



### Ethnic group

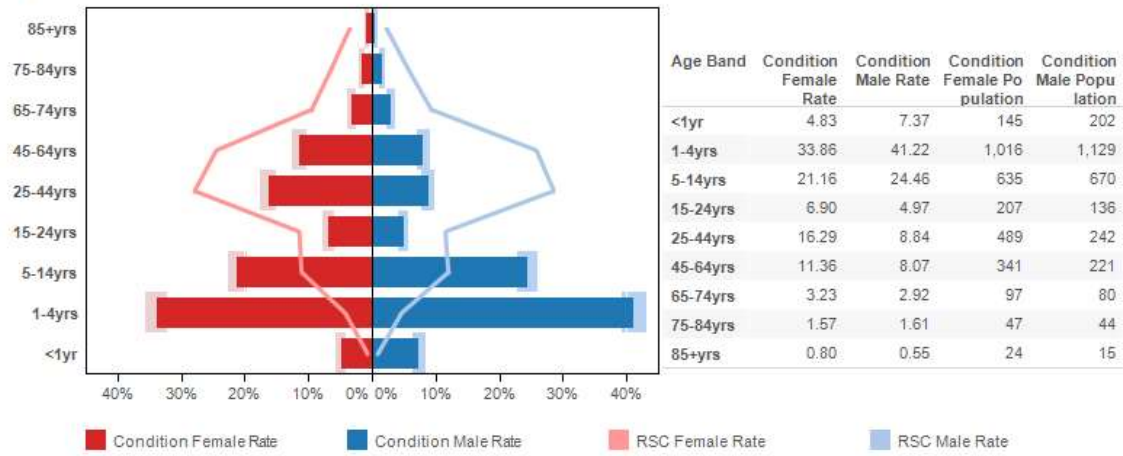


### Conurbation, Urban and Rural Living

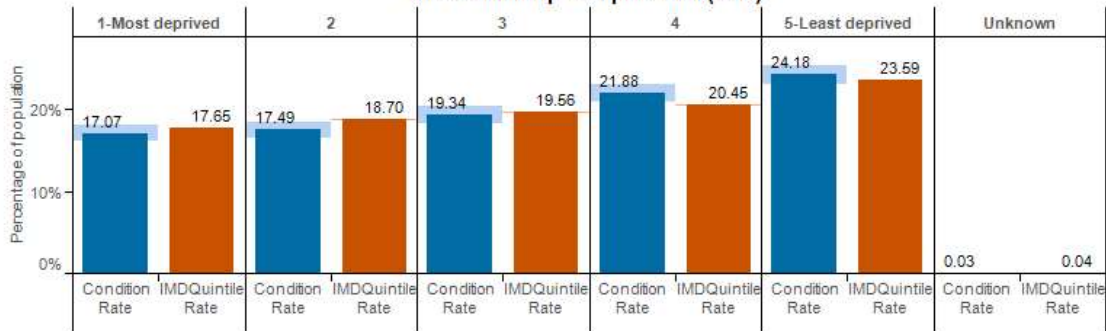


## Acute Otitis Media ( ICD10 : H650 - H651; H660; H669 )

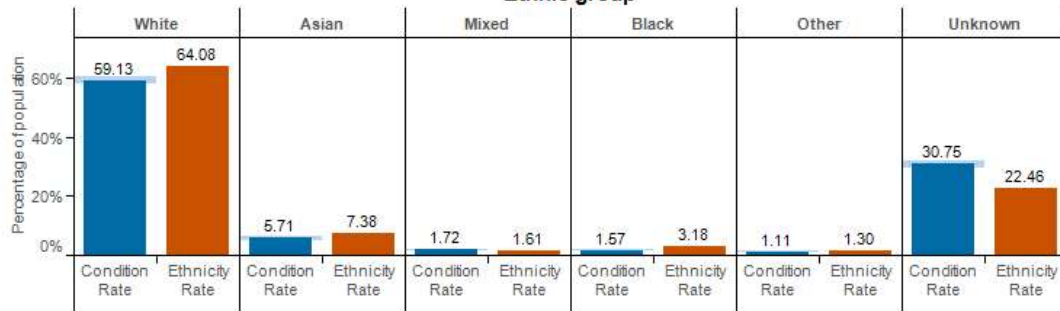
### Age-sex profile



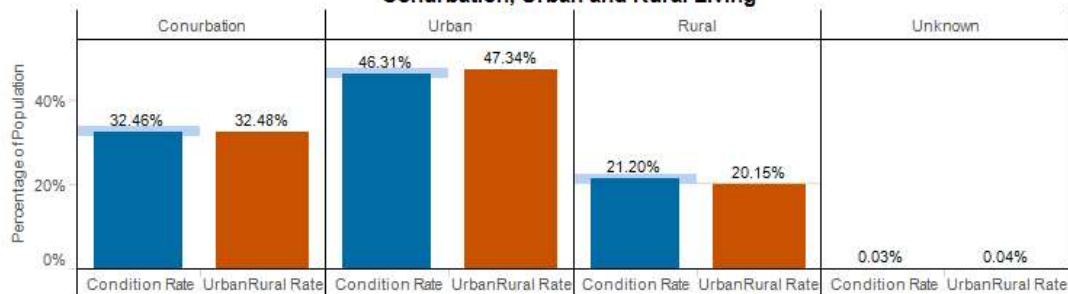
### Index of Multiple Deprivation (IMD)



### Ethnic group



### Conurbation, Urban and Rural Living

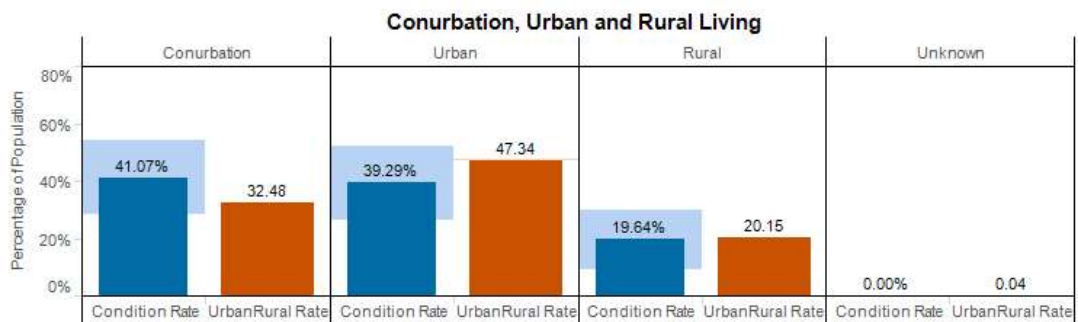
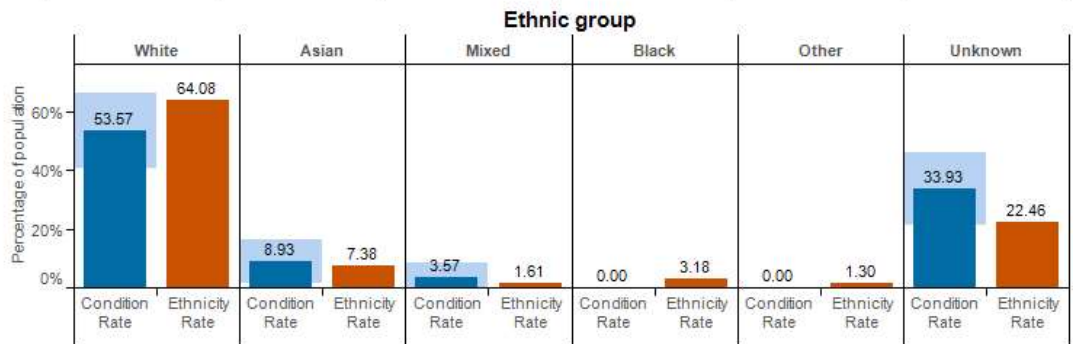
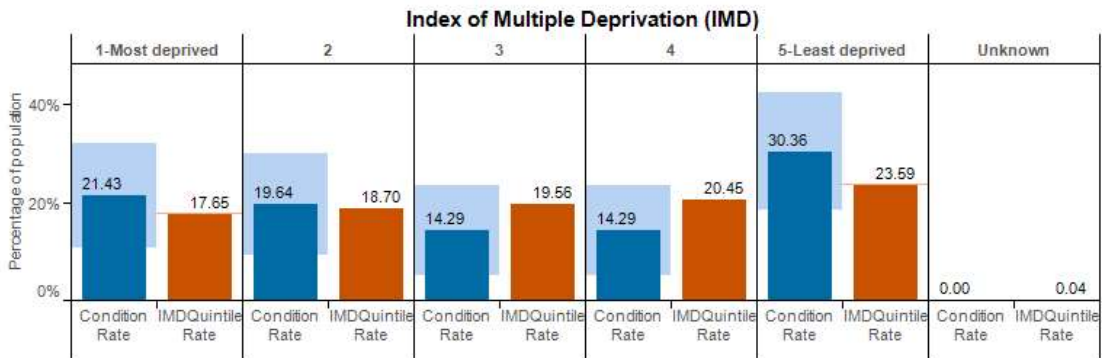
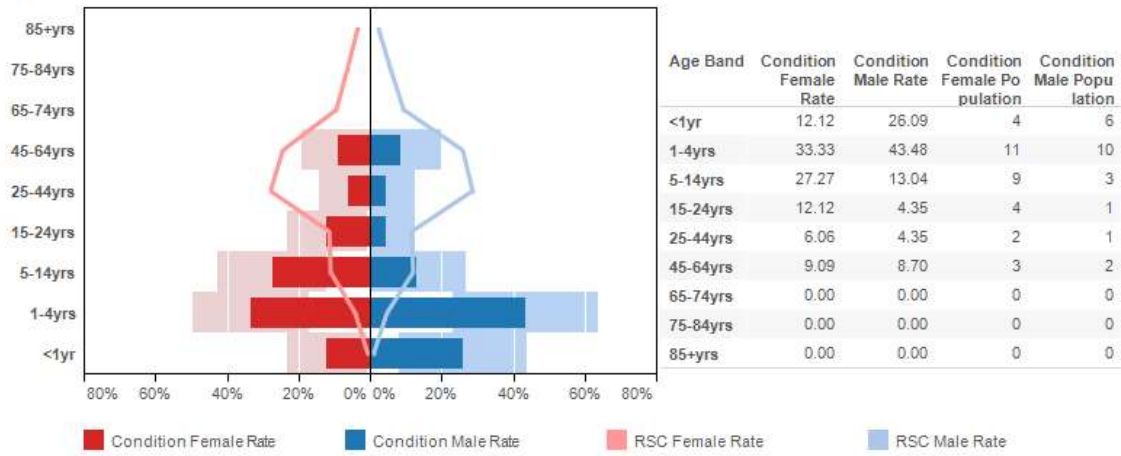




4. Vaccine Sensitive Disorders:

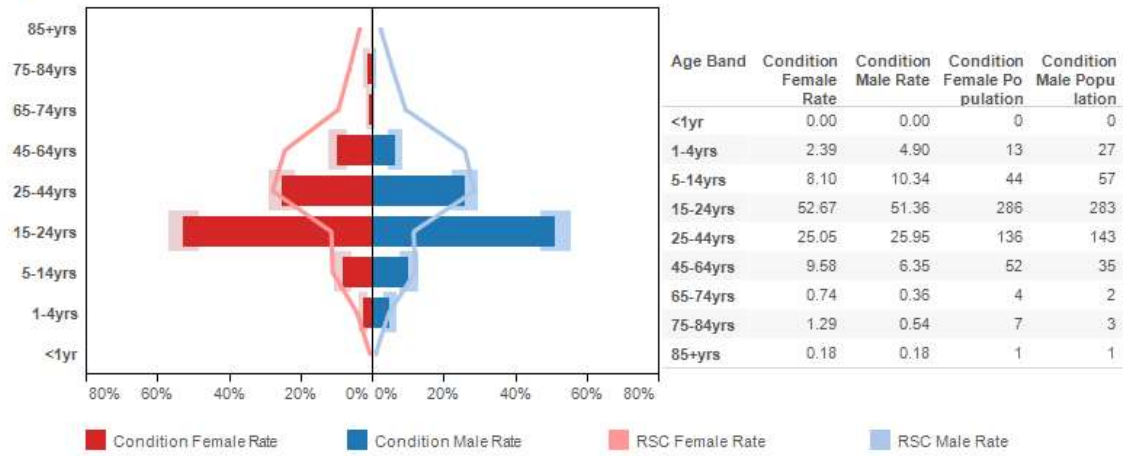
**Measles ( ICD10 : B05 )**

**Age-sex profile**

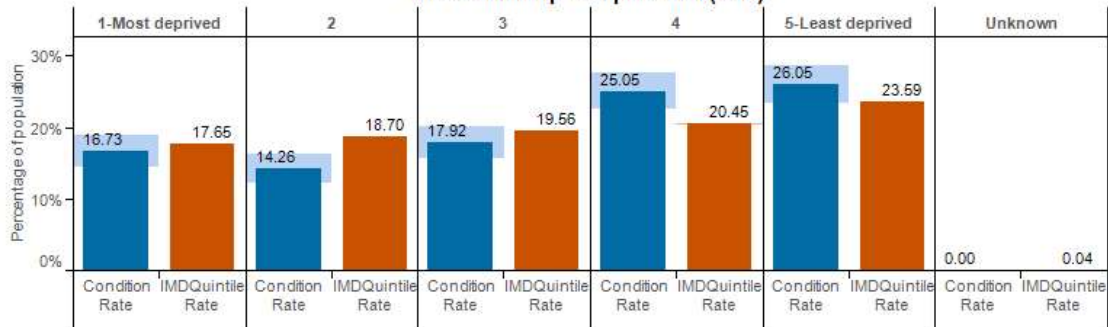


## Mumps ( ICD10 : B26 )

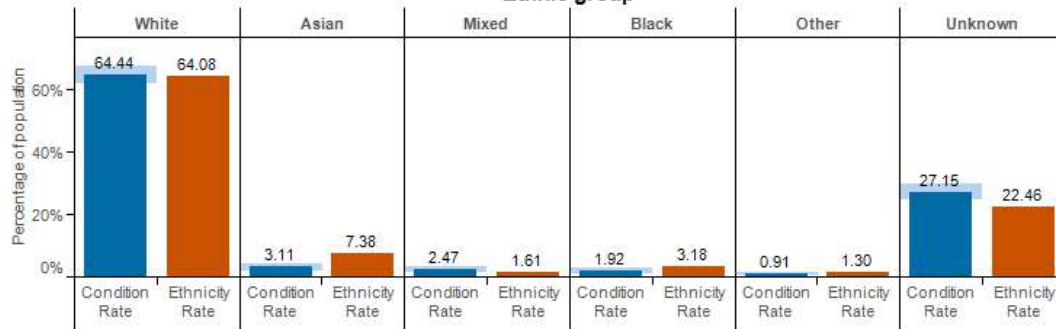
### Age-sex profile



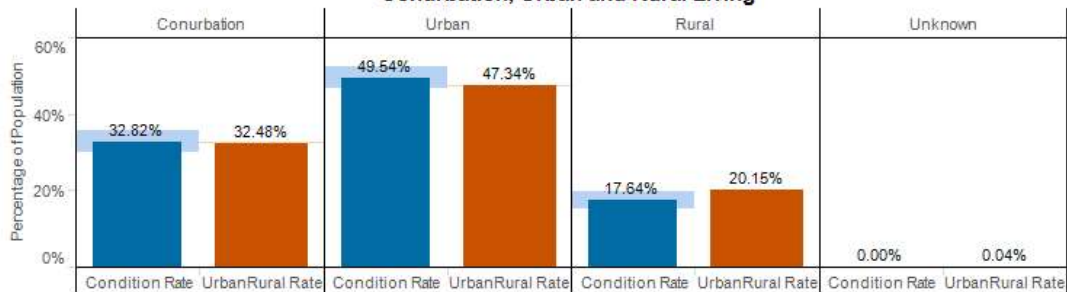
### Index of Multiple Deprivation (IMD)



### Ethnic group

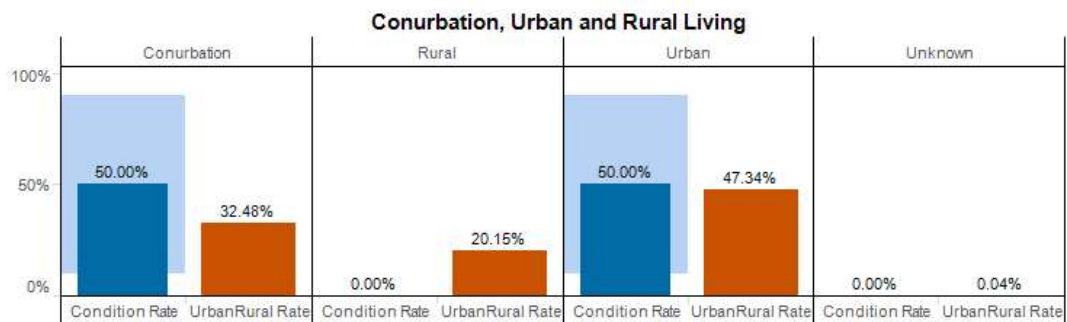
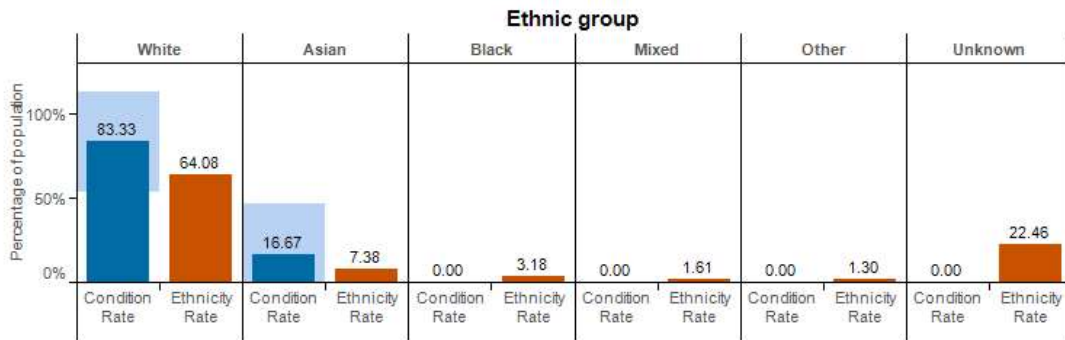
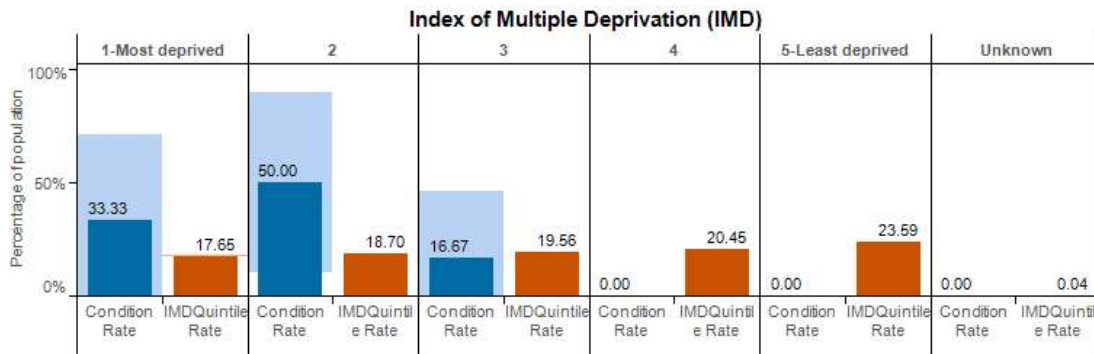
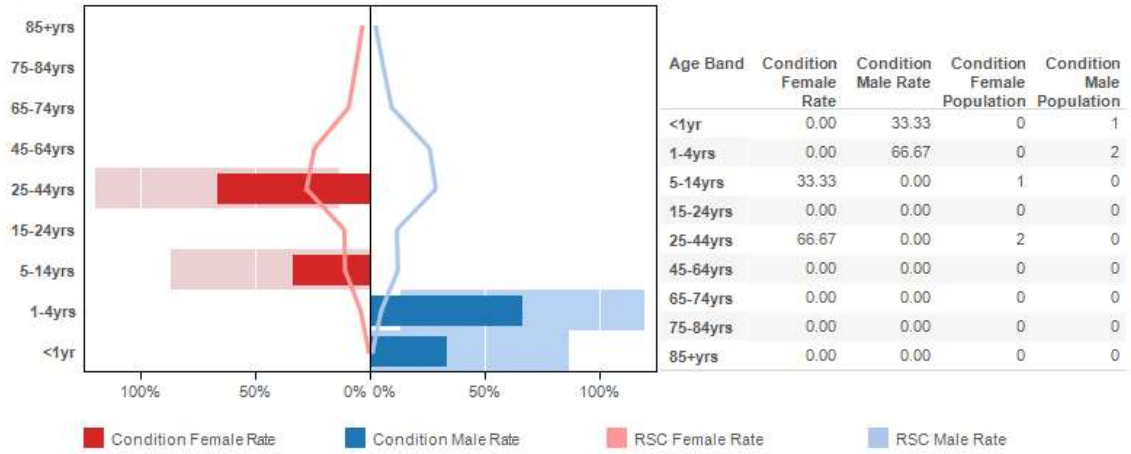


### Conurbation, Urban and Rural Living



## Rubella ( ICD10 : B06 )

### Age-sex profile

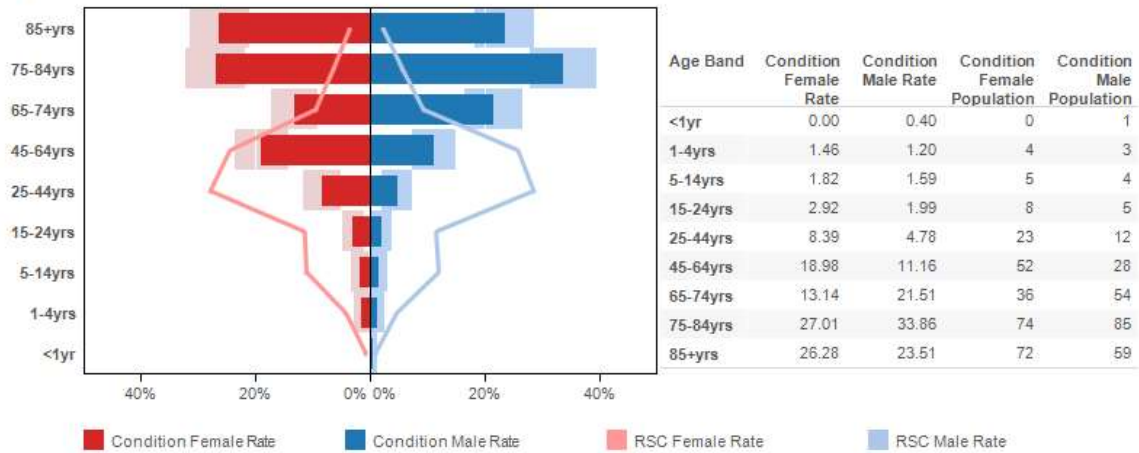




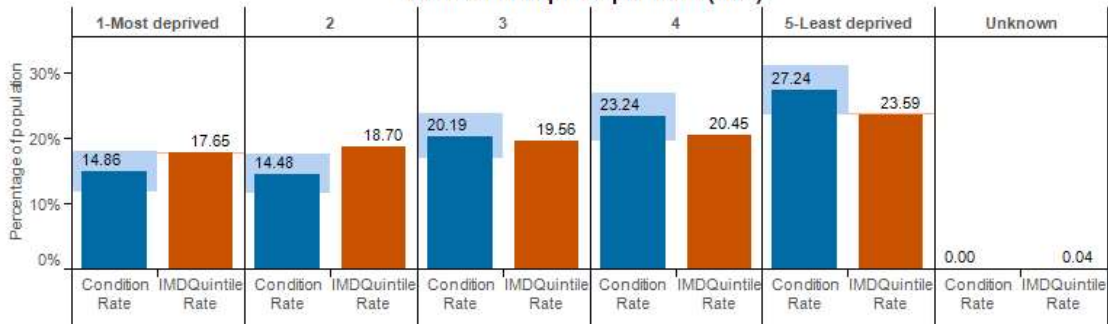
5. Skin Contagions:

**Bullous Dermatoses ( ICD10 : L10 - L14 )**

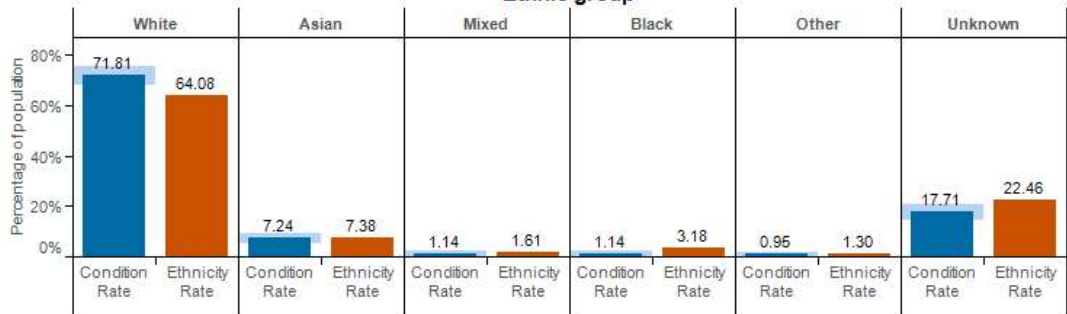
**Age-sex profile**



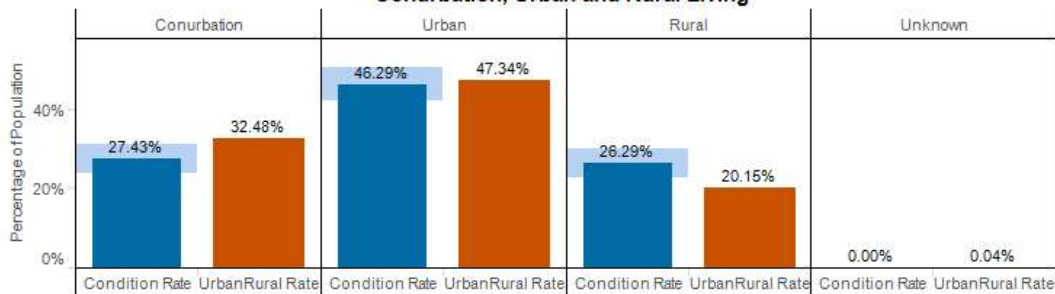
**Index of Multiple Deprivation (IMD)**



**Ethnic group**

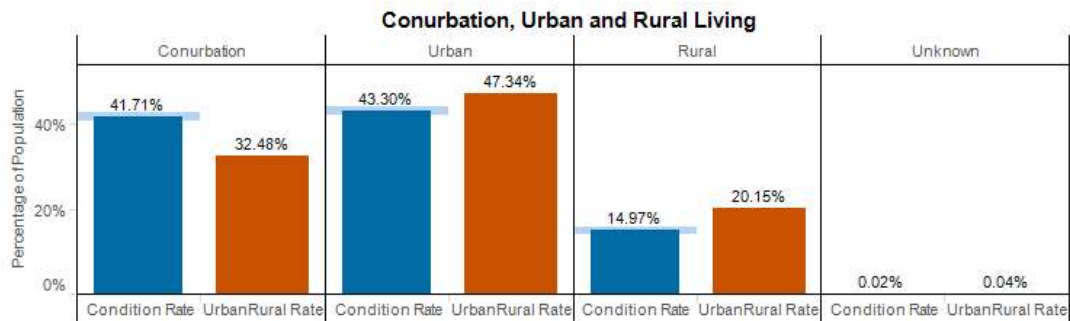
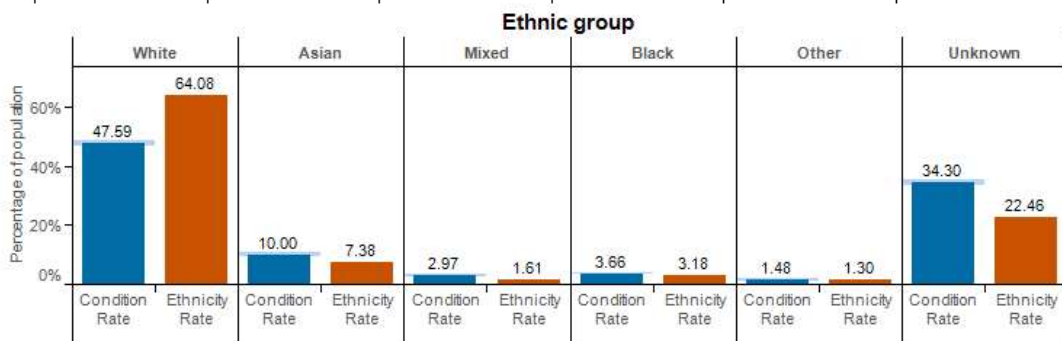
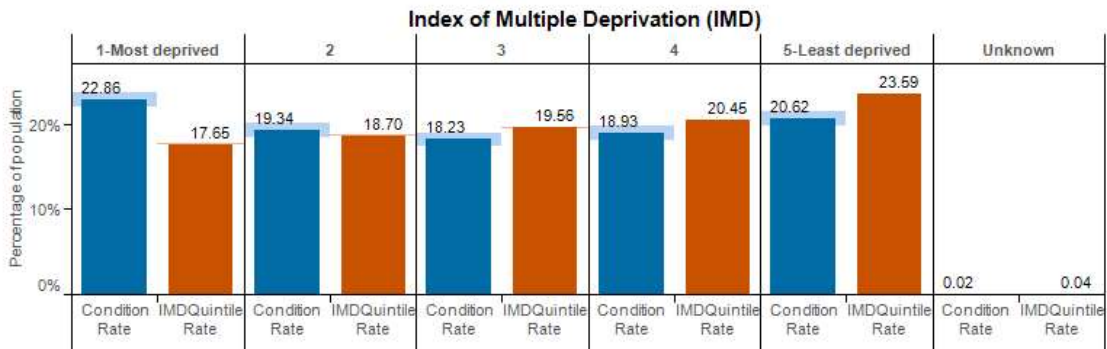
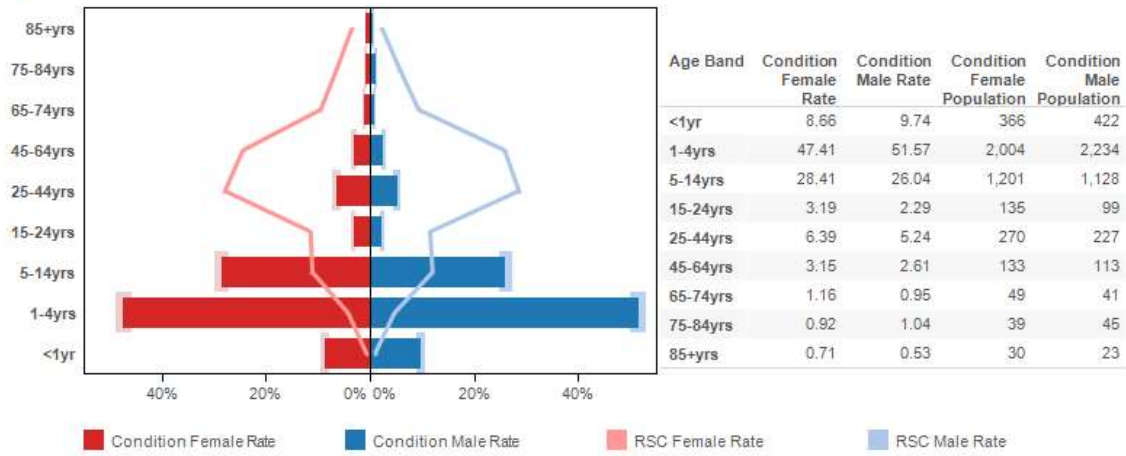


**Conurbation, Urban and Rural Living**



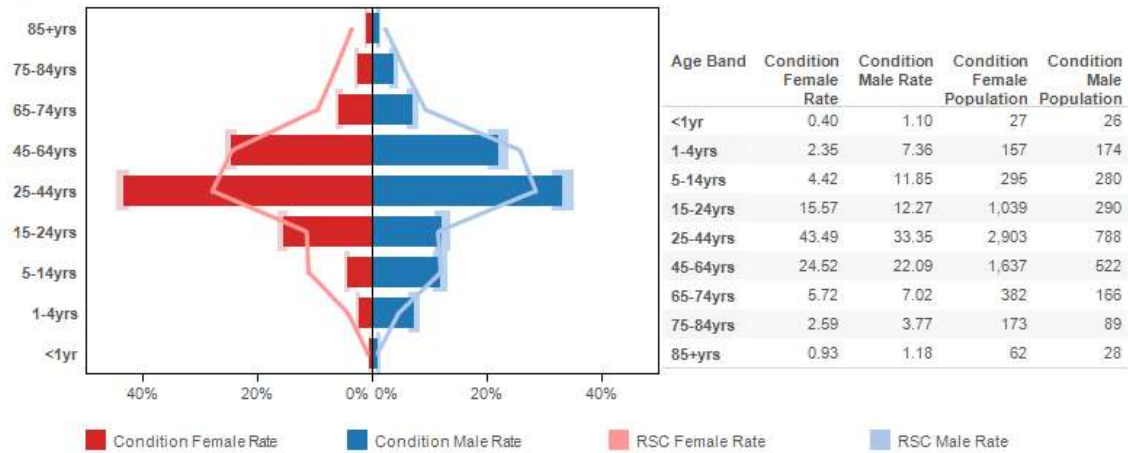
## Chickenpox ( ICD10 : B01 )

### Age-sex profile

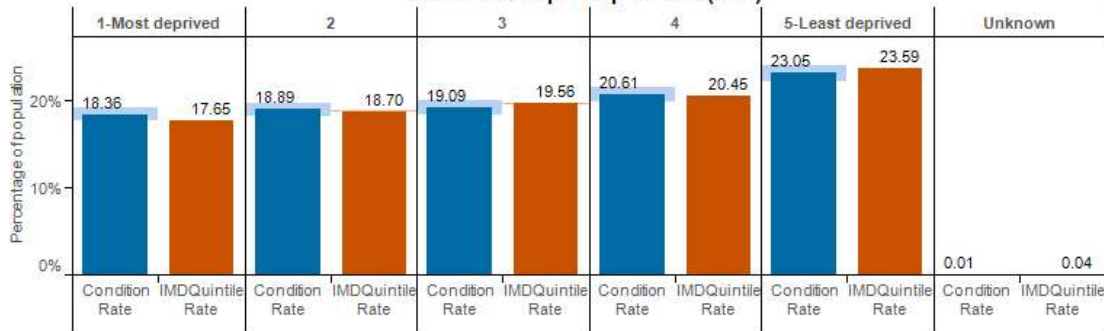


## Herpes Simplex ( ICD10 : B00 )

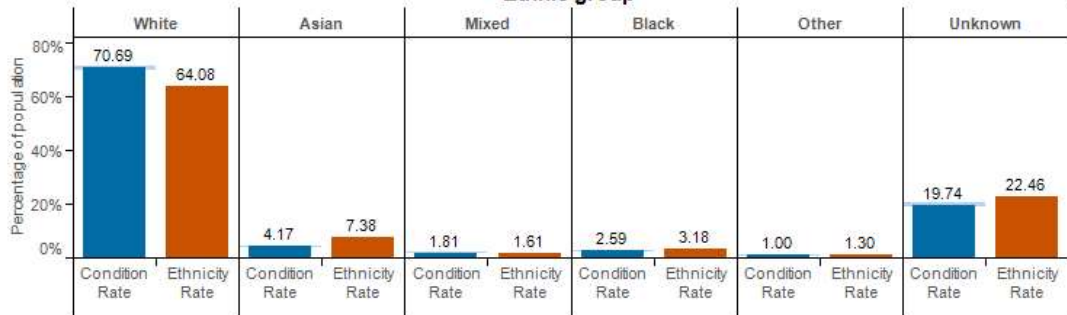
### Age-sex profile



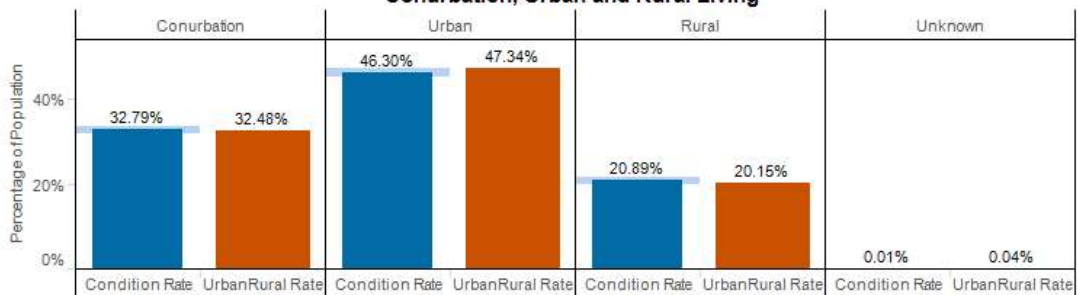
### Index of Multiple Deprivation (IMD)



### Ethnic group

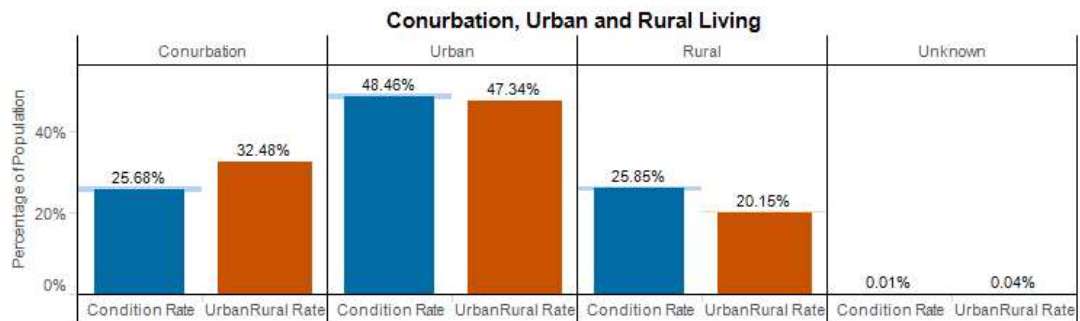
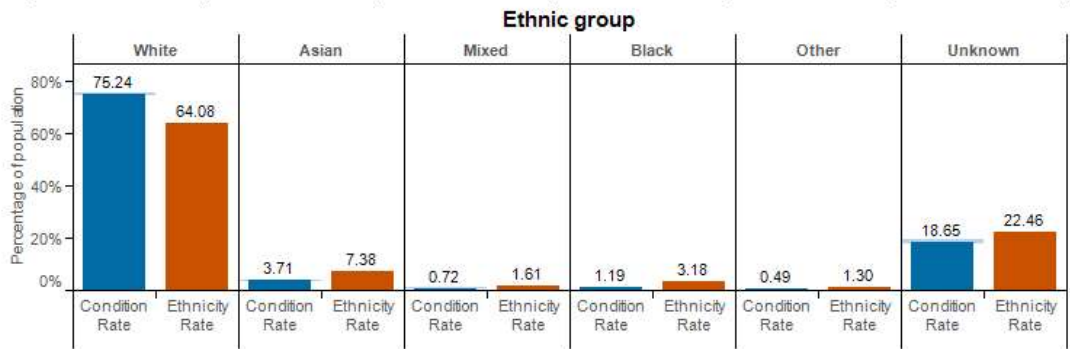
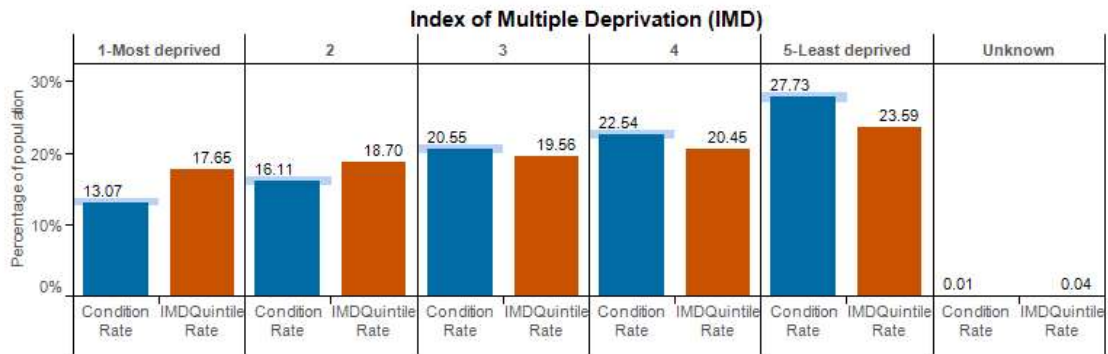
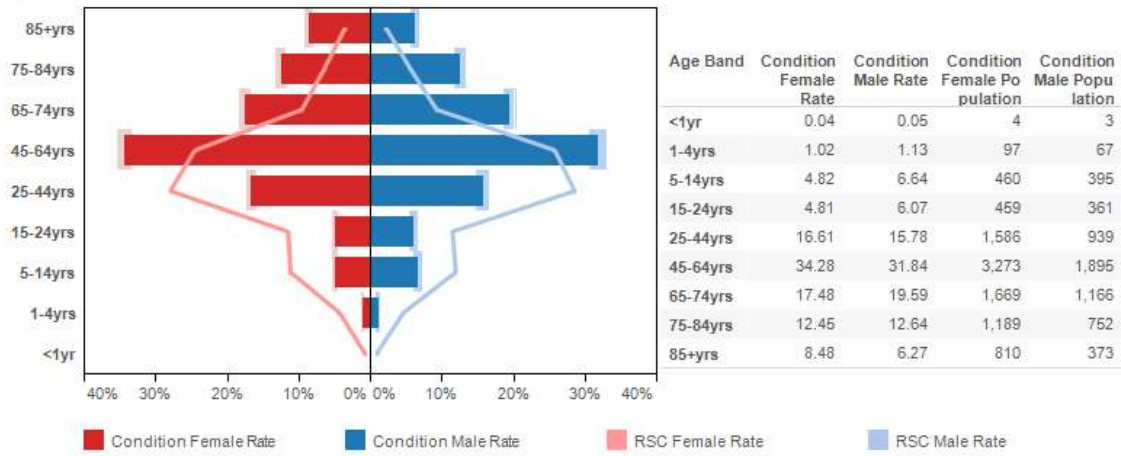


### Conurbation, Urban and Rural Living



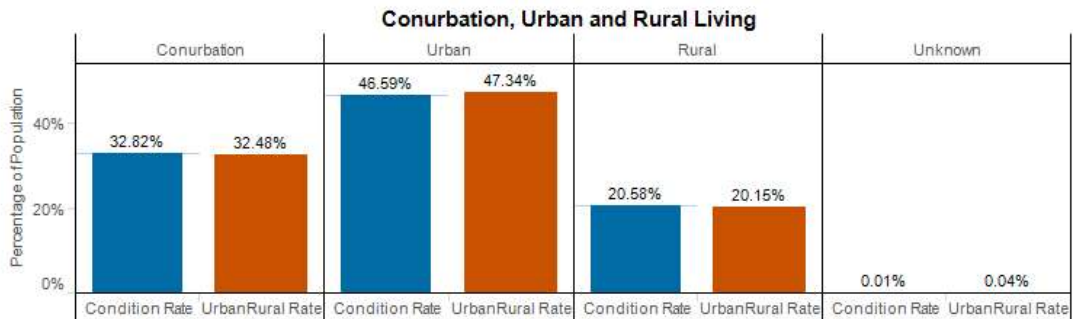
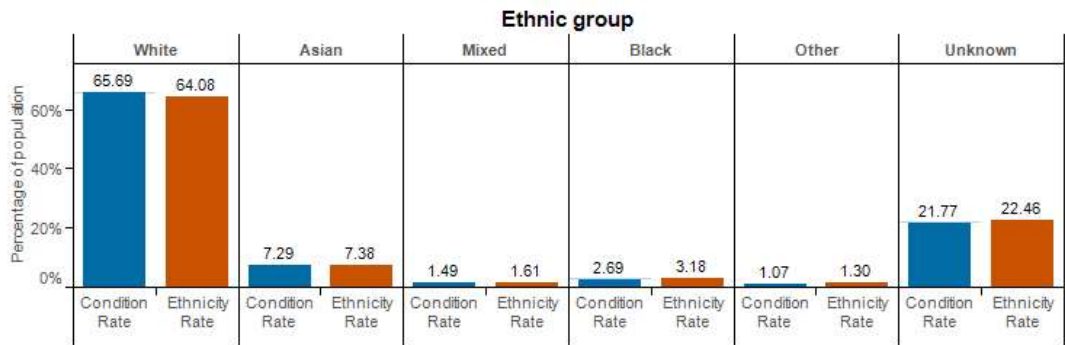
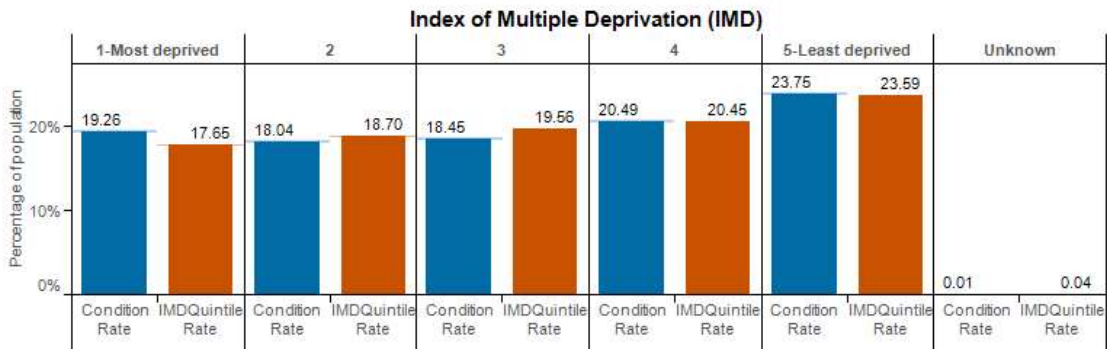
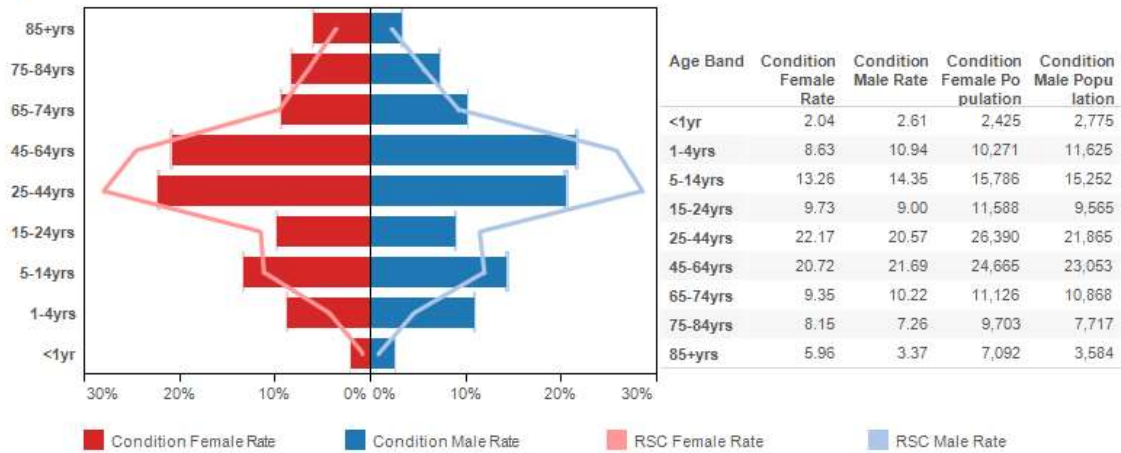
## Herpes Zoster ( ICD10 : B02 )

### Age-sex profile



## Skin / subcutaneous infections ( ICD10 : L00 - L08 )

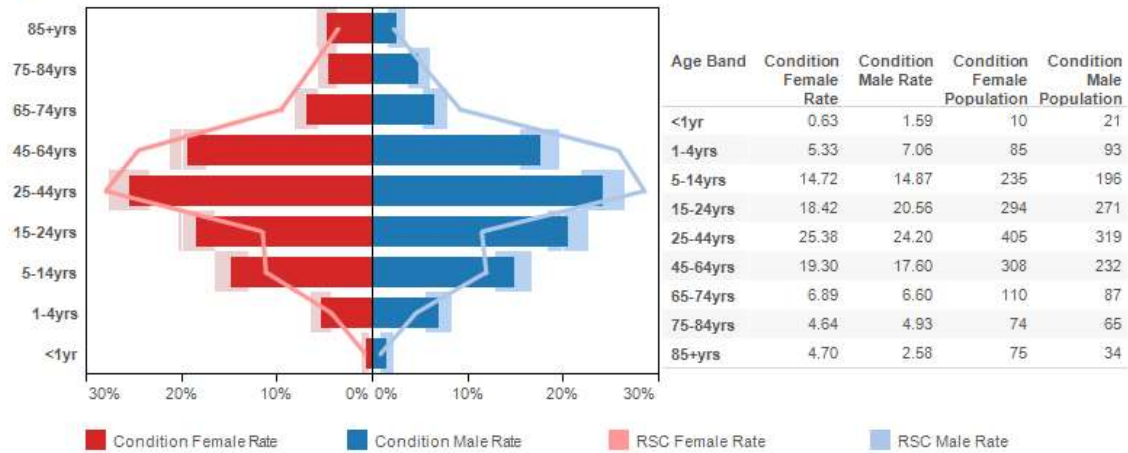
### Age-sex profile



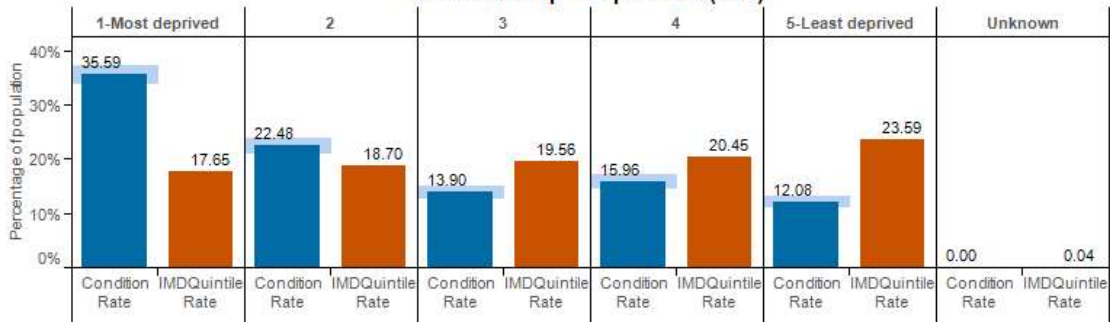


## Scabies ( ICD10 : B86 )

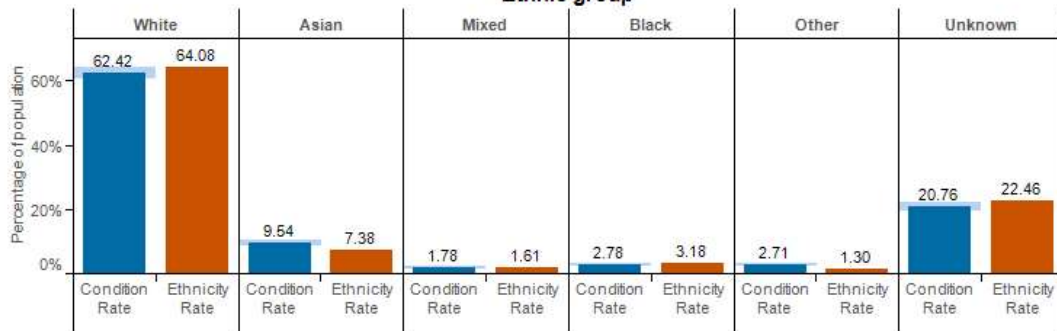
### Age-sex profile



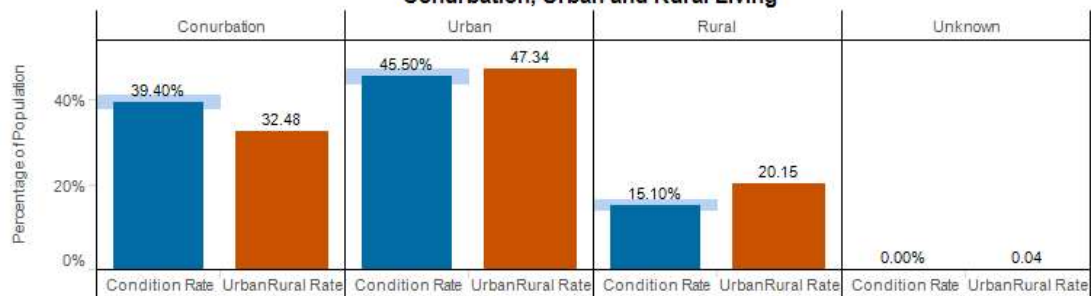
### Index of Multiple Deprivation (IMD)



### Ethnic group

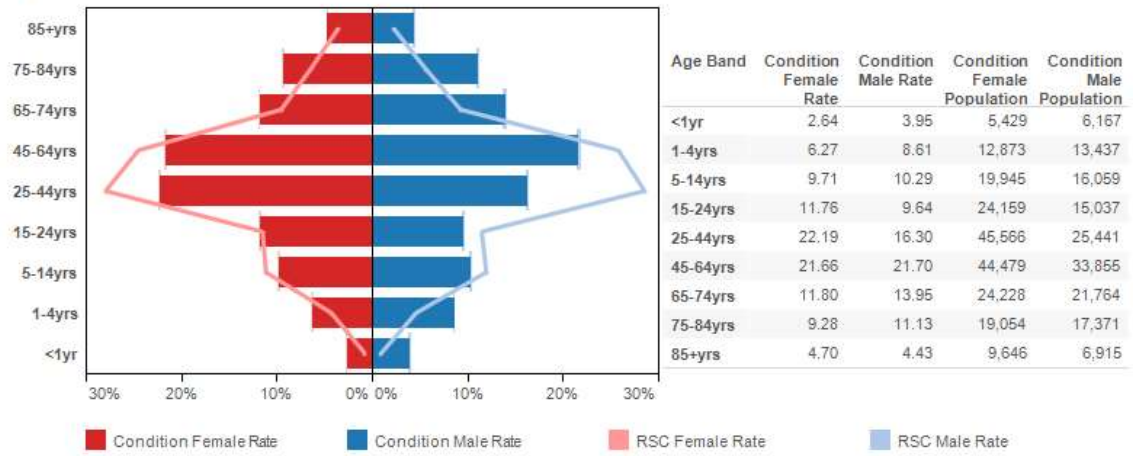


### Conurbation, Urban and Rural Living

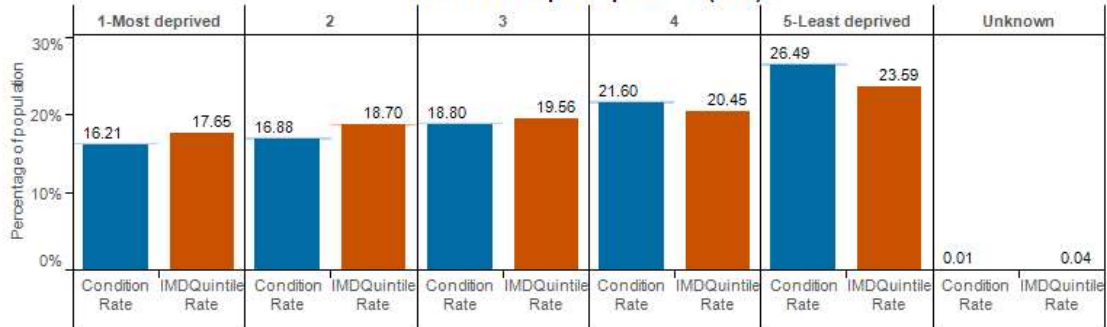


## Skin symptoms ( ICD10 : R20 - R23 )

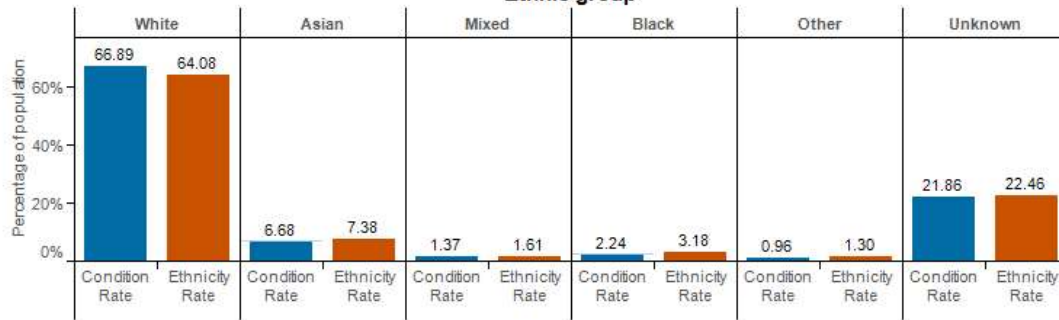
### Age-sex profile



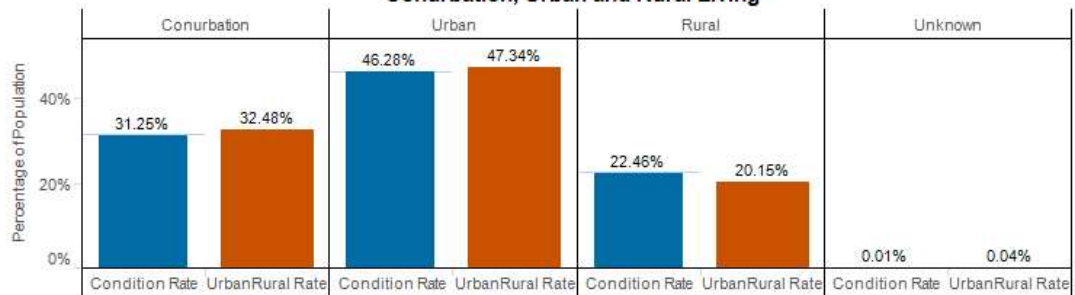
### Index of Multiple Deprivation (IMD)



### Ethnic group

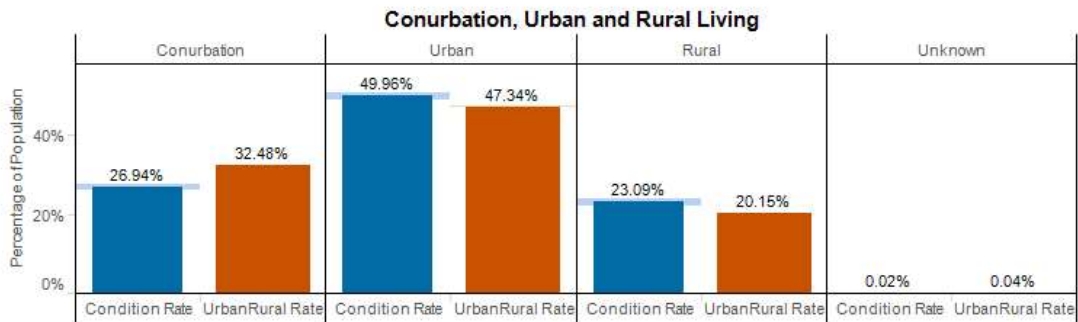
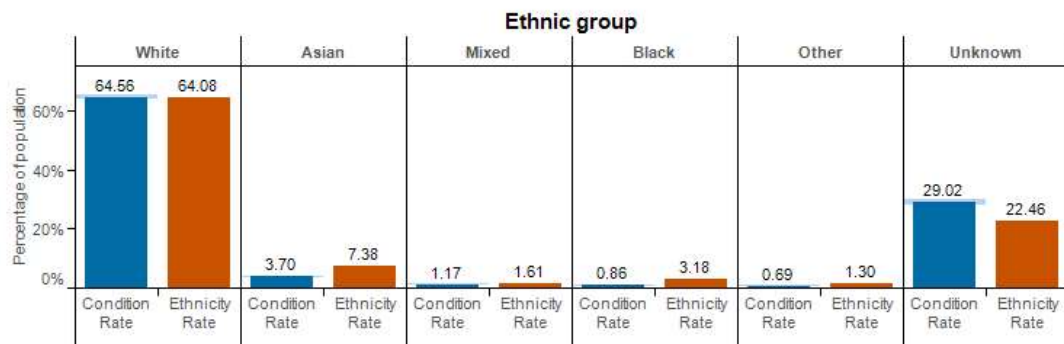
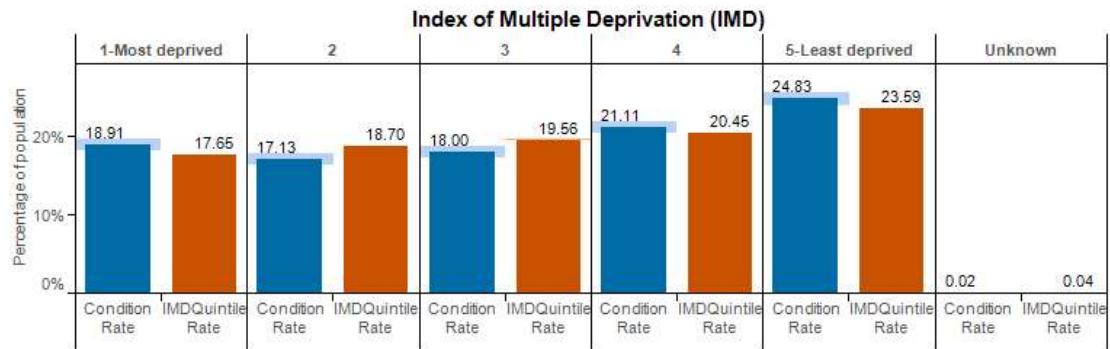
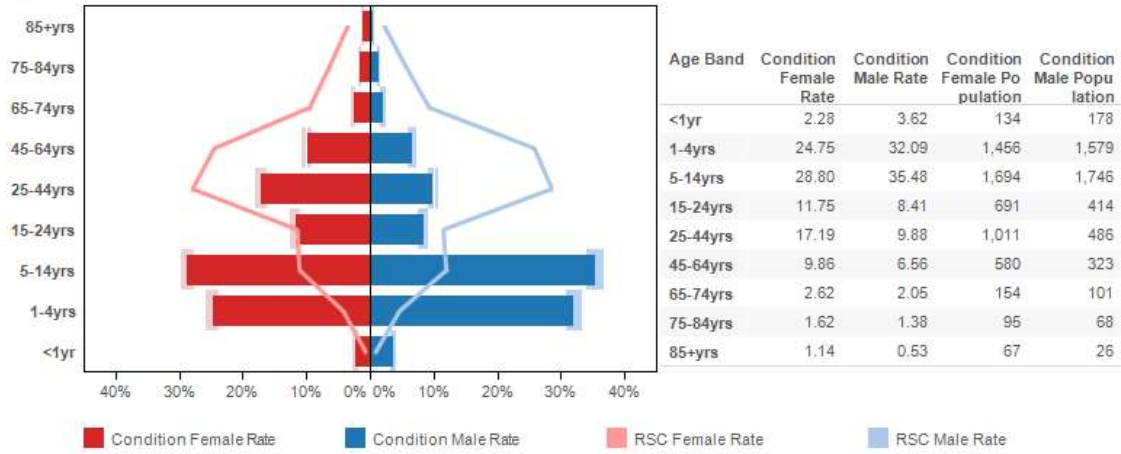


### Conurbation, Urban and Rural Living



## Impetigo ( ICD10 - L01 )

### Age-sex profile

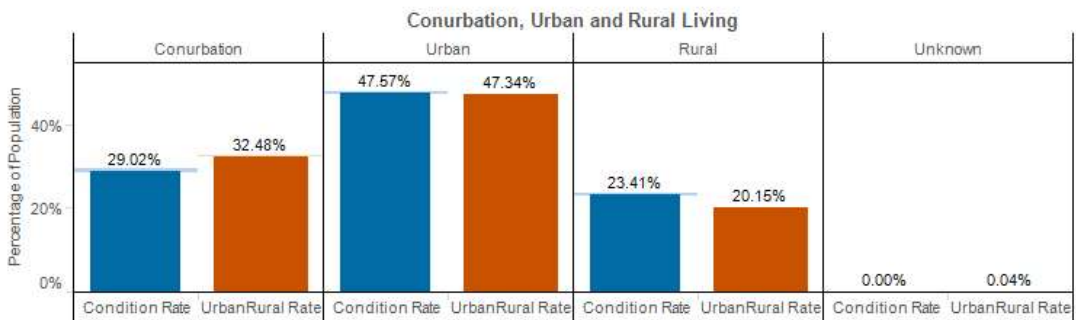
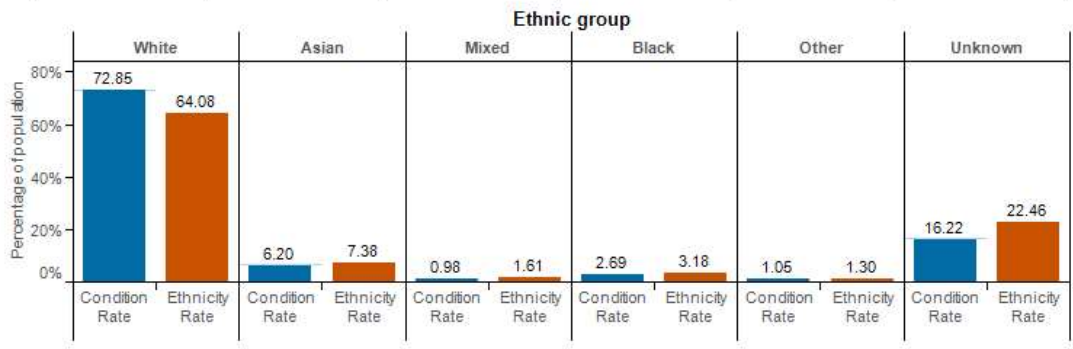
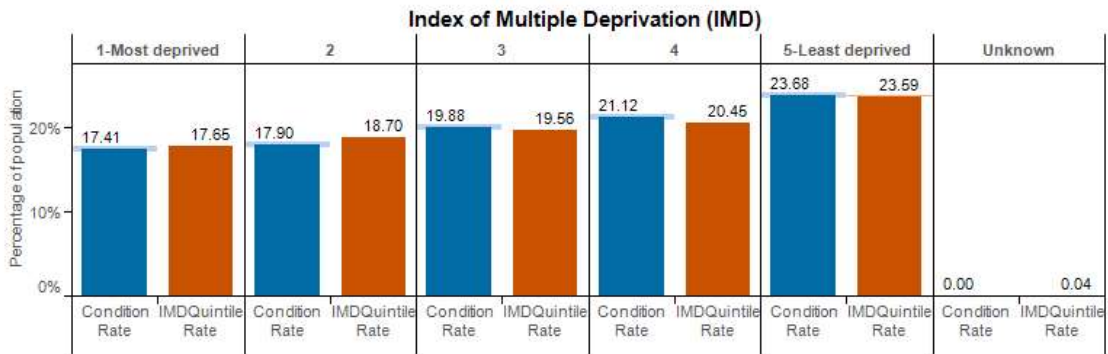
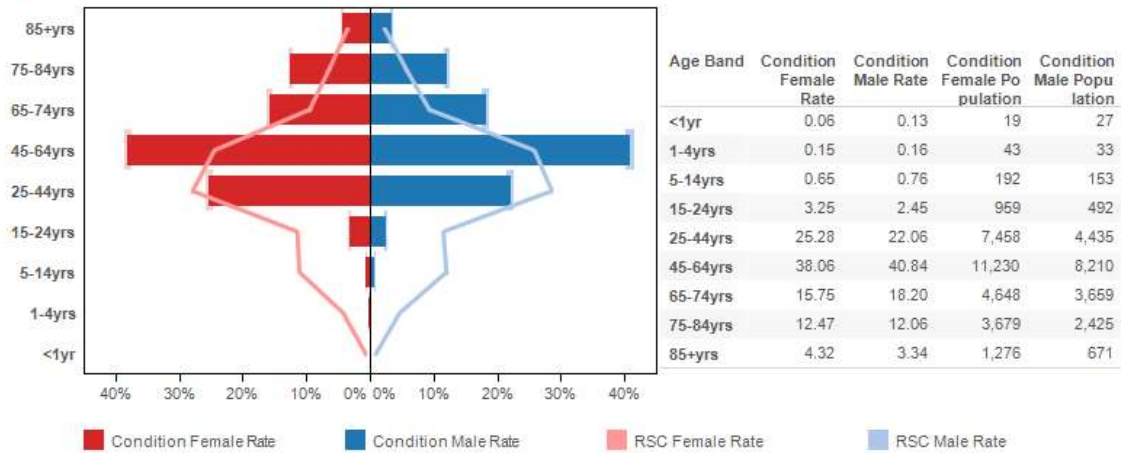




6. Disorders Affective the Nervous System:

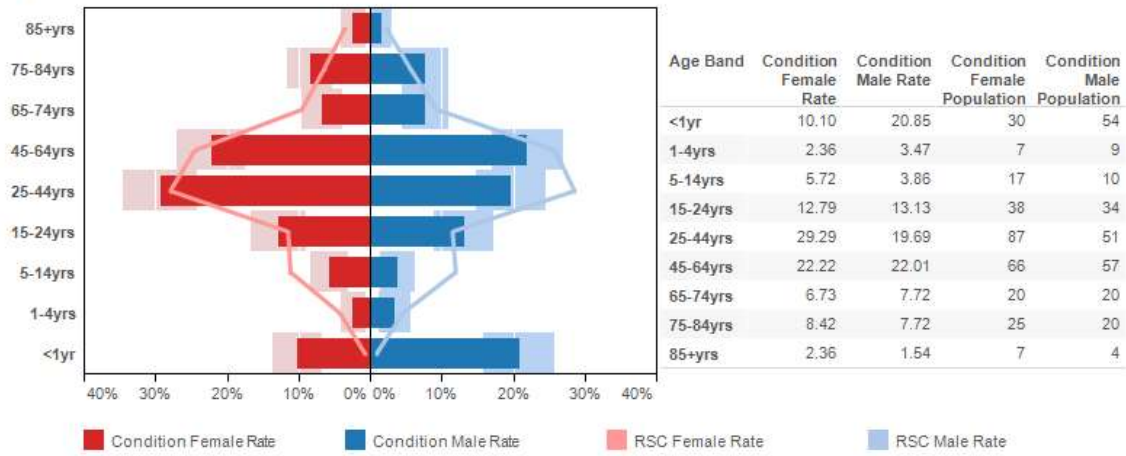
**Peripheral Neuropathy ( ICD10 : G50 - G64; G70 - G72 )**

**Age-sex profile**

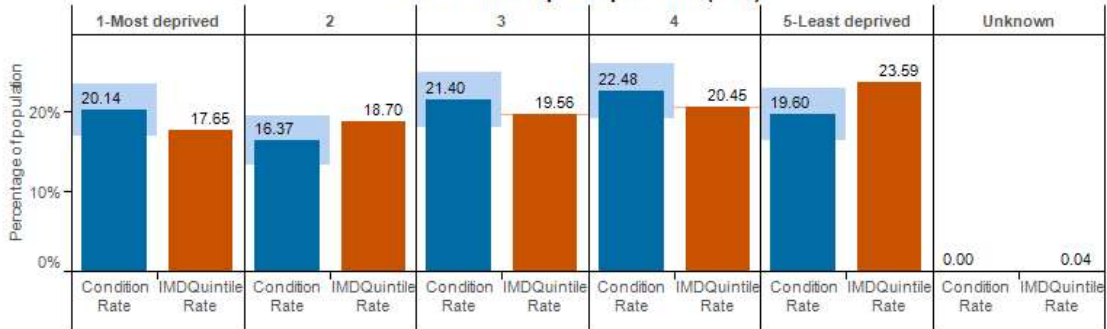


## Meningitis and Encephalitis ( ICD10 : A170 - A171; A 390; A83 - A85; A87; G00 - G05 )

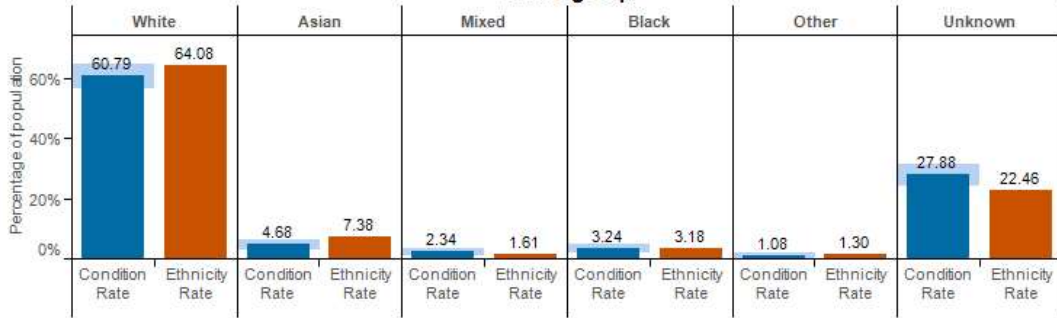
### Age-sex profile



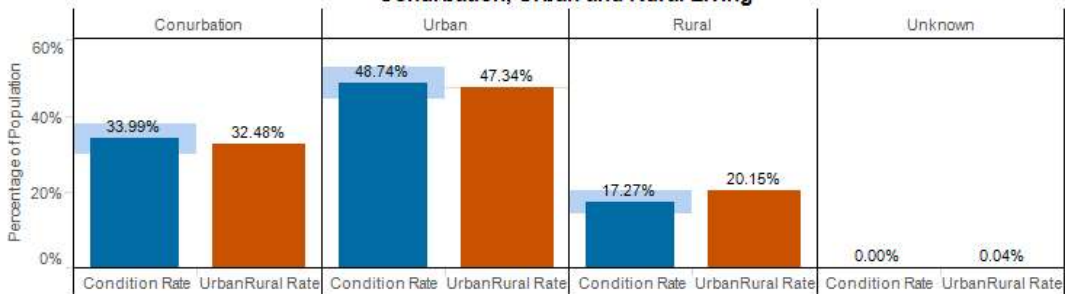
### Index of Multiple Deprivation (IMD)



### Ethnic group

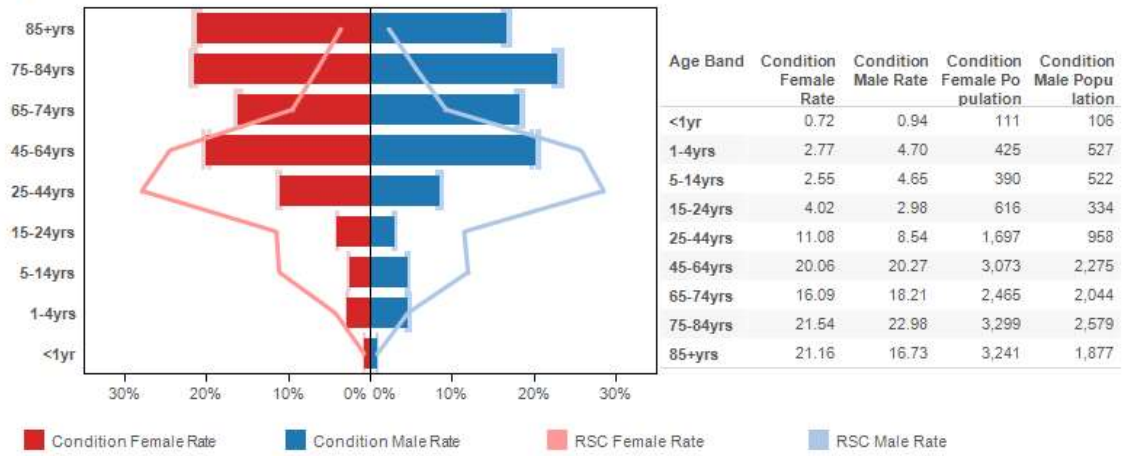


### Conurbation, Urban and Rural Living

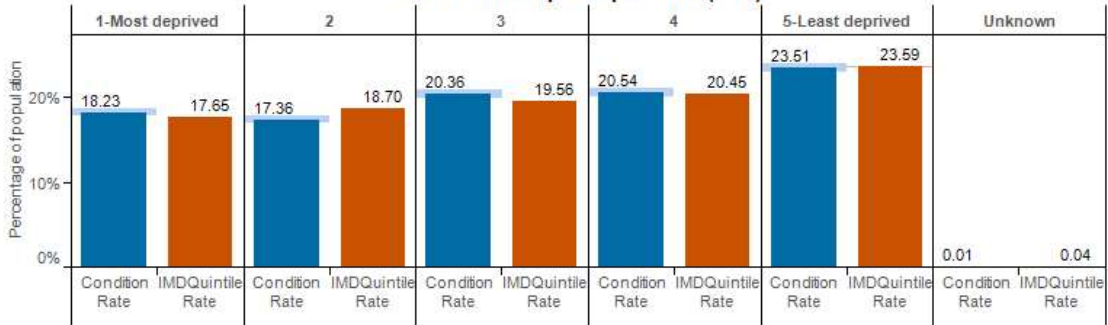


## Musculoskeletal symptoms ( ICD10 : R25 - R29 )

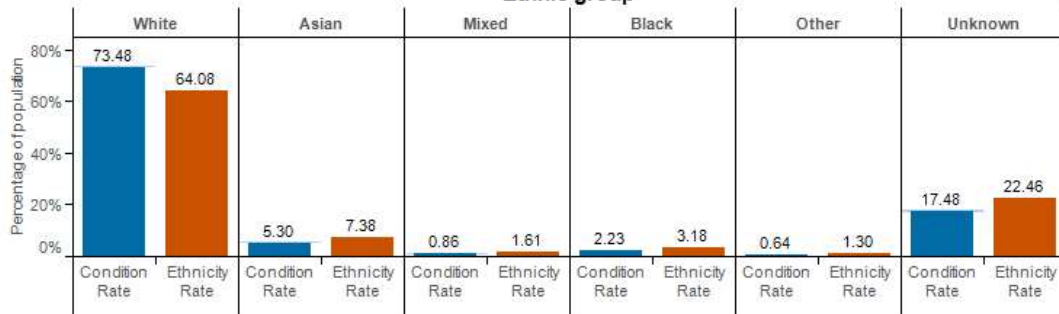
### Age-sex profile



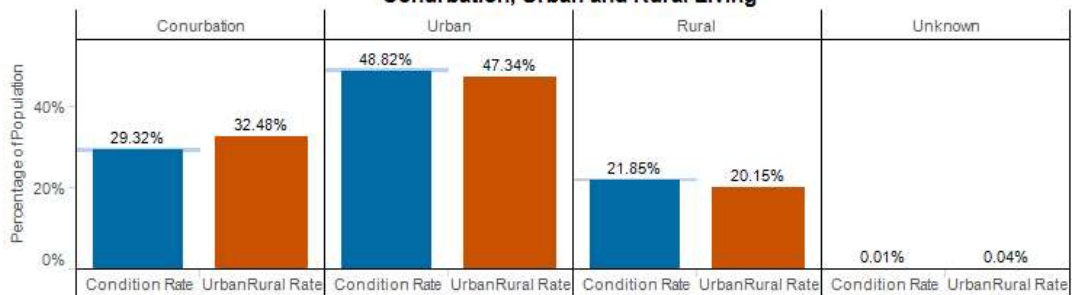
### Index of Multiple Deprivation (IMD)



### Ethnic group



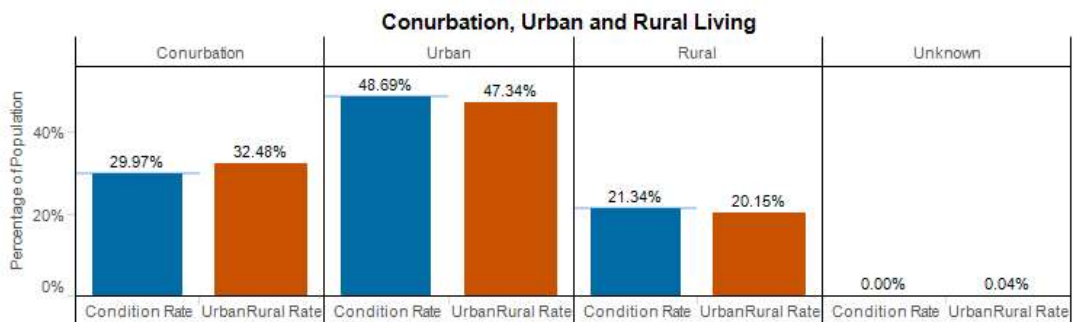
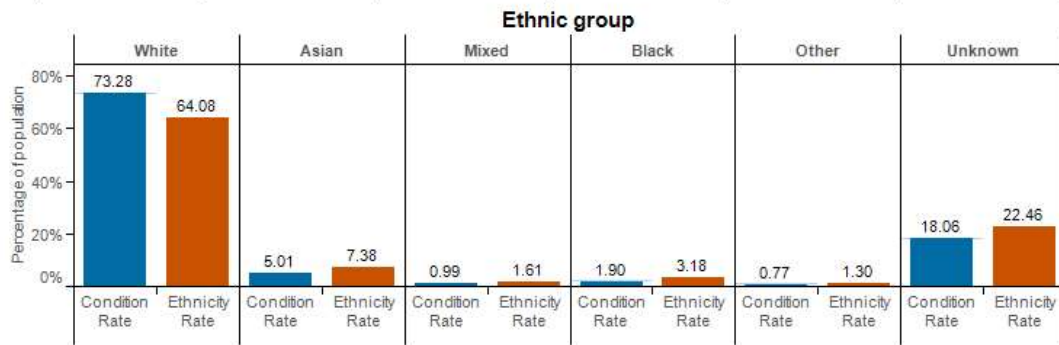
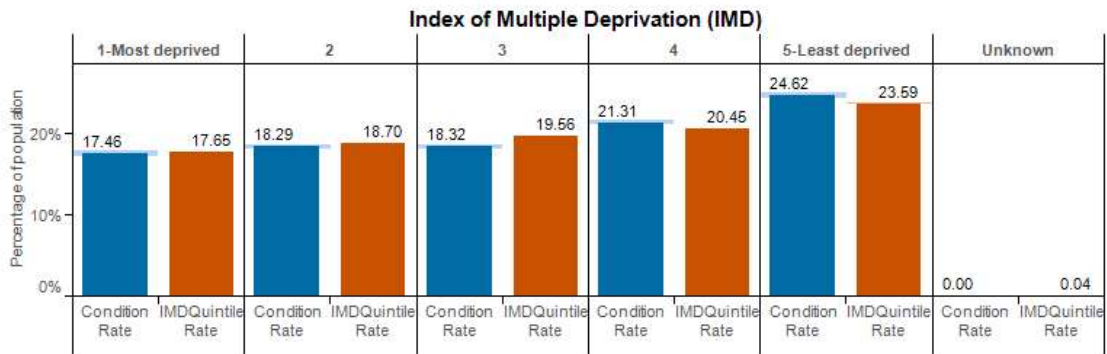
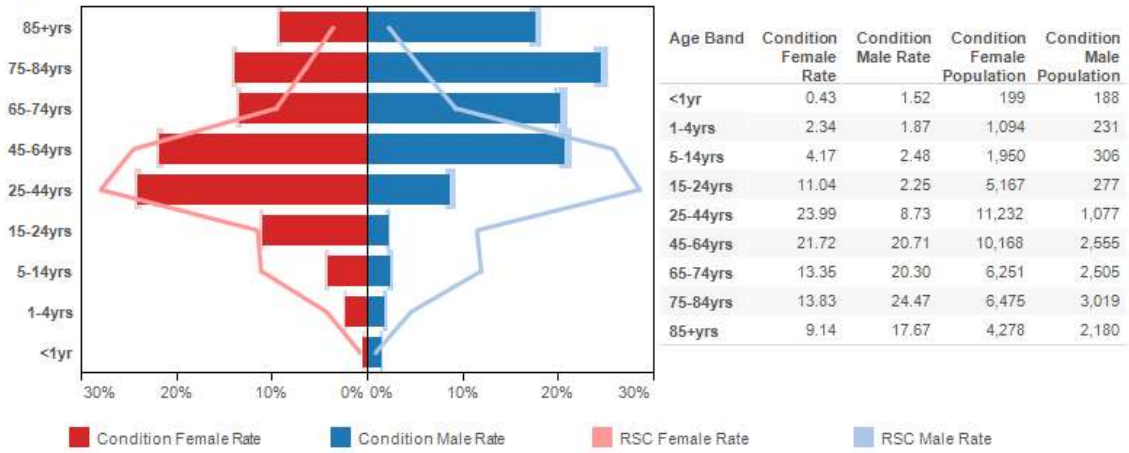
### Conurbation, Urban and Rural Living



7. Genitourinary System Disorders

Urinary Tract Infections ( ICD10 : N30; N390 )

Age-sex profile



## Appendix D

Numeric data tables matching Appendix B

These data tables show the incidence of monitored diseases by age, gender and region, by 4-week period, quarter and year. We are also including disparities for each individual condition.

1. Water and Food Borne Disorders:

Mean weekly incidence rate per 100,000 Persons.

Intestinal Infectious Diseases (ICD10: A00-A09)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	95	46	15	7	6	6	7	10	13	68	47	18	9	8	8	9	13	12
	2	97	39	16	9	7	7	8	14	8	78	41	16	10	8	7	10	14	16
	3	86	40	15	8	7	7	10	9	18	82	41	15	12	10	8	9	14	14
	4	82	33	9	7	5	6	6	12	20	72	29	10	10	9	8	8	13	15
	5	85	42	14	7	7	6	6	9	16	77	37	14	9	9	8	8	14	11
	6	103	44	15	6	7	7	8	10	11	91	44	14	9	9	8	11	11	12
	7	107	53	15	7	7	7	7	11	15	74	45	14	10	9	9	9	13	17
	8	105	50	21	7	6	7	7	11	10	118	54	19	10	10	8	8	11	16
	9	79	38	12	5	6	5	6	10	11	54	34	14	7	8	8	8	11	17
	10	76	40	15	8	6	6	7	9	13	59	36	16	8	8	7	6	13	17
	11	79	39	15	6	6	5	6	8	9	67	44	12	8	7	6	6	12	12
	12	36	21	7	2	3	3	6	5	9	29	18	8	5	5	5	6	8	6
	13	19	11	5	2	2	2	3	4	8	19	12	6	3	3	3	5	5	5
Quarter	1	92	41	15	8	6	7	8	11	13	77	43	16	10	9	8	9	13	14
	2	91	41	14	6	7	7	7	11	14	78	37	12	10	9	8	9	12	14
	3	92	46	16	7	6	6	7	11	13	79	42	16	9	9	7	8	12	16
	4	47	25	9	4	4	4	5	5	8	39	26	10	5	5	5	6	8	9
Year	19/20	80	38	13	6	6	6	7	9	12	68	37	14	8	8	7	8	12	13
Episodes	F/N	780	1,820	1,720	735	1,679	1,603	669	540	241	620	1,696	1,647	993	2,308	1,887	842	792	433



Mean weekly incidence rate per 100,000 Persons.

Intestinal Infectious Diseases (ICD10: A00-A09)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	107	50	12	5	7	7	9	12	11	76	44	20	14	9	8	11	16	12
		2	88	34	18	5	6	7	6	7	9	102	48	13	8	8	8	8	10	17
		3	111	45	16	8	5	6	7	15	16	85	41	18	9	10	9	7	17	19
		4	51	20	8	3	4	4	4	3	5	7	41	18	7	4	6	4	7	12
	Year	19/20	89	37	13	5	6	6	6	10	11	76	38	15	9	8	7	8	14	15
	Episodes	F/N	84	177	173	64	159	184	77	70	24	67	171	182	105	226	222	106	118	57
North West	Quarter	1	134	52	16	11	9	8	12	14	14	105	48	18	13	11	9	12	17	19
		2	137	43	15	7	7	7	10	14	23	127	43	11	11	10	10	11	20	22
		3	120	48	20	9	8	7	8	13	23	94	47	20	12	10	11	11	15	24
		4	78	28	11	6	6	4	8	7	17	66	37	11	6	8	7	7	10	17
	Year	19/20	117	43	16	8	7	7	9	12	19	98	44	15	11	10	9	10	15	20
	Episodes	F/N	206	372	368	165	365	349	182	132	65	163	359	328	211	478	447	211	204	120
East of England	Quarter	1	52	34	7	5	3	7	5	9	9	73	14	11	5	8	10	2	15	16
		2	57	32	17	5	7	4	4	12	9	57	30	8	10	9	8	10	3	5
		3	0	28	12	3	1	1	8	16	9	44	37	10	7	6	5	5	8	0
		4	38	26	8	5	3	2	7	6	8	38	15	11	2	4	5	2	5	10
	Year	19/20	38	30	11	4	3	4	6	10	9	53	24	10	6	7	7	5	8	8
	Episodes	F/N	8	33	35	11	21	24	13	14	4	11	25	30	14	43	47	11	12	6
Midlands	Quarter	1	69	28	11	9	6	6	7	9	11	97	38	12	9	6	6	8	11	13
		2	55	39	9	6	6	6	6	8	18	61	40	11	8	7	6	10	11	10
		3	67	33	12	3	7	6	5	8	9	86	21	16	8	7	4	7	9	12
		4	28	19	8	4	3	4	5	2	3	34	24	11	6	4	5	4	11	5
	Year	19/20	54	30	10	6	5	5	6	7	10	70	30	12	8	6	5	7	11	10
	Episodes	F/N	67	185	167	85	185	197	80	57	27	81	183	199	109	202	191	107	104	45
London	Quarter	1	65	52	24	11	7	7	7	8	13	64	63	25	10	10	9	12	12	17
		2	79	58	22	8	7	9	9	18	18	77	53	21	13	10	11	12	16	24
		3	95	71	33	12	7	8	9	14	3	89	58	27	12	11	11	12	14	13
		4	37	34	18	5	3	5	9	5	5	30	33	13	8	6	7	7	7	16
	Year	19/20	69	54	24	9	6	7	8	11	10	65	52	22	11	9	9	11	12	17
	Episodes	F/N	134	463	484	175	422	266	65	47	15	120	432	415	220	585	307	92	66	43
South East	Quarter	1	83	32	12	6	5	6	5	10	17	53	33	11	9	7	7	8	13	13
		2	83	34	10	5	6	6	6	8	12	55	23	9	9	9	7	8	9	8
		3	64	39	10	4	5	6	7	8	9	63	37	11	5	8	6	7	9	16
		4	37	22	6	2	2	3	4	7	4	27	23	7	5	4	4	5	6	2
	Year	19/20	66	32	9	4	4	5	6	8	11	49	29	9	7	7	6	7	9	10
	Episodes	F/N	156	381	316	138	321	348	138	124	59	108	336	298	227	479	417	187	167	92
South West	Quarter	1	114	37	13	7	6	5	9	10	12	82	34	14	9	9	7	8	10	10
		2	106	40	10	8	7	7	6	11	10	55	26	12	8	9	8	6	12	14
		3	126	34	9	5	6	7	6	10	18	62	45	10	7	8	5	6	11	14
		4	54	21	8	4	4	3	5	5	12	42	19	8	4	6	4	5	6	8
	Year	19/20	100	33	10	6	6	6	6	9	13	60	31	11	7	8	6	7	10	11
	Episodes	F/N	125	209	177	97	206	235	114	96	47	70	190	195	107	295	256	128	121	70

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Viral Hepatitis (ICD10: B15-B19)

		M									F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
4 weekly	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	1	0	0	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0
	3	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0
	4	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0
	5	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0
	6	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0
	9	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0
	12	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quarter	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0
	3	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Year	19/20	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Episodes	F/N	2	0	3	20	215	217	28	8	3	2	0	3	19	137	74	26	9	3	



Mean weekly incidence rate per 100,000 Persons.

Viral Hepatitis ( ICD10: B15-B19)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0
		2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
		3	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0
		4	4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	Year	19/20	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0
	Episodes	F/N	1	0	0	0	34	24	0	0	0	0	0	1	2	18	7	0	0	0
North West	Quarter	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	
		2	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	
		3	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	
		4	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	
	Episodes	F/N	0	0	0	3	44	42	6	2	1	0	0	6	26	11	6	2	0	
East of England	Quarter	1	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
		3	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	Episodes	F/N	0	0	0	0	3	4	1	0	0	0	0	0	1	0	0	0	0	
Midlands	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	
		3	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	
		4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
	Year	19/20	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	
	Episodes	F/N	0	0	3	3	20	15	4	0	0	0	0	2	20	4	0	1	1	
London	Quarter	1	0	0	0	0	3	1	0	3	0	0	0	0	1	1	1	0	2	
		2	0	0	0	0	1	2	2	0	0	2	0	0	1	1	2	0	0	
		3	0	0	0	0	1	1	0	2	0	0	0	0	1	3	0	0	2	
		4	0	0	0	1	1	2	1	1	0	0	0	0	1	0	0	1	0	
	Year	19/20	0	0	0	0	1	2	1	1	1	1	0	0	1	1	2	0	1	
	Episodes	F/N	0	0	0	8	51	71	6	3	1	1	0	2	48	35	13	1	2	
South East	Quarter	1	2	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
	Episodes	F/N	1	0	0	5	37	39	8	1	0	0	0	1	3	19	11	5	4	
South West	Quarter	1	0	0	0	0	1	1	0	1	0	3	0	0	1	0	0	0	0	
		2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	
		4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	
	Episodes	F/N	0	0	0	1	26	22	3	2	1	1	0	1	4	6	5	2	1	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Non-infective Enteritis and Colitis (ICD10: K50-K52)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	157	60	24	14	13	10	14	21	25	120	67	23	20	16	14	19	20	24
	2	177	53	25	18	13	13	15	18	18	159	56	21	19	16	15	18	23	21
	3	176	54	18	14	14	13	17	23	19	139	49	16	21	17	15	16	21	25
	4	163	44	12	13	13	13	16	21	23	146	37	10	18	16	15	16	22	19
	5	140	50	16	12	13	12	16	22	19	158	41	16	17	15	15	17	23	21
	6	177	57	20	13	13	14	16	20	18	149	48	17	20	16	15	18	24	25
	7	206	70	21	16	13	12	15	21	29	138	54	16	20	16	15	17	23	27
	8	189	69	25	16	12	14	15	20	17	213	64	23	18	18	15	18	21	30
	9	148	48	17	13	11	10	12	21	19	109	42	16	14	14	13	14	18	25
	10	143	53	21	15	12	14	18	22	23	121	41	17	16	15	14	16	22	23
	11	164	54	19	13	12	11	14	17	22	122	46	18	17	15	14	16	23	22
	12	82	26	10	7	7	8	10	14	13	76	22	9	10	10	10	9	17	8
	13	55	10	6	6	5	5	5	7	9	73	7	6	7	7	8	9	8	14
Quarter	1	171	55	21	15	13	12	16	21	21	142	56	19	20	16	15	18	22	23
	2	163	52	17	13	13	12	15	21	21	147	44	15	19	16	15	17	23	23
	3	173	60	21	15	12	13	14	21	21	147	51	19	17	16	14	16	21	26
	4	101	31	13	9	8	8	10	14	15	94	26	11	12	11	11	12	16	15
Year	19/20	152	50	18	13	11	11	14	19	19	132	44	16	17	15	14	16	20	22
Episodes	F/N	1,472	2,379	2,297	1,555	3,390	3,166	1,389	1,094	380	1,204	2,021	1,941	1,948	4,203	3,661	1,632	1,406	717

Mean weekly incidence rate per 100,000 Persons.

Non-infective Enteritis and Colitis ( ICD10: K50-K52)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	214	53	19	14	17	13	19	22	27	156	57	24	23	17	16	26	25	30
		2	164	47	18	11	12	13	12	21	21	173	44	14	21	14	13	23	24	26
		3	191	61	16	14	13	13	20	29	30	151	47	20	20	18	17	19	19	31
		4	64	22	10	10	8	11	12	15	15	87	19	8	13	11	10	12	21	20
	Year	19/20	159	46	15	12	12	13	16	22	23	142	42	16	19	15	14	20	22	27
	Episodes	F/N	149	217	199	150	347	389	200	156	53	125	190	204	225	404	425	261	188	100
North West	Quarter	1	228	72	20	18	16	14	19	29	34	173	62	18	21	19	16	21	30	31
		2	258	58	22	13	15	15	21	24	31	199	52	15	19	19	18	21	30	33
		3	209	59	22	17	13	14	17	24	39	183	57	21	18	20	17	20	24	33
		4	140	37	13	11	10	11	14	17	30	139	37	13	13	15	15	12	21	21
	Year	19/20	208	56	19	15	14	13	18	23	34	173	52	17	18	18	17	18	26	30
	Episodes	F/N	367	491	452	306	681	708	348	256	113	289	424	369	347	880	847	373	347	174
East of England	Quarter	1	121	61	17	17	7	8	8	26	17	128	29	11	18	15	15	8	18	0
		2	210	67	27	14	14	9	18	26	18	95	48	8	10	16	17	10	23	33
		3	63	39	20	9	8	10	14	19	19	174	57	10	22	13	10	16	20	23
		4	133	44	11	5	6	2	17	17	8	132	15	11	3	11	13	5	13	16
	Year	19/20	133	53	19	11	9	8	14	22	15	131	37	10	13	14	14	10	18	18
	Episodes	F/N	28	59	60	28	55	51	32	30	7	27	39	30	31	86	89	23	28	13
Midlands	Quarter	1	148	38	19	13	12	12	15	16	17	153	52	13	18	14	14	16	21	20
		2	110	36	9	12	11	12	11	14	13	146	38	13	14	15	10	10	22	15
		3	147	40	16	13	12	12	12	14	7	168	30	14	17	12	12	12	20	20
		4	72	30	9	8	8	6	6	7	10	86	27	11	10	8	11	11	13	12
	Year	19/20	119	36	13	11	11	11	11	13	12	138	37	12	15	12	12	12	19	17
	Episodes	F/N	146	224	225	174	361	392	155	108	32	161	221	201	208	411	428	181	186	77
London	Quarter	1	133	76	39	20	13	14	16	18	21	142	83	37	23	16	19	24	22	22
		2	144	80	34	18	13	15	17	44	39	146	73	29	24	16	19	19	33	39
		3	157	105	48	25	13	17	14	23	26	134	79	40	20	16	18	17	24	24
		4	83	50	25	12	7	9	11	13	13	67	38	21	16	10	11	14	22	18
	Year	19/20	129	78	37	19	12	14	15	24	25	122	68	31	21	14	17	18	26	26
	Episodes	F/N	252	666	729	355	805	499	113	101	38	225	571	600	428	945	561	157	136	63
South East	Quarter	1	167	44	17	13	11	11	14	19	15	108	41	13	18	15	14	14	19	20
		2	153	46	10	11	12	11	15	19	15	133	26	10	17	15	14	15	18	14
		3	165	51	14	12	11	11	12	19	14	138	43	13	15	14	12	15	22	25
		4	114	24	10	7	7	7	9	14	10	88	20	8	10	10	8	11	13	13
	Year	19/20	150	41	13	11	10	10	13	18	13	117	32	11	15	13	12	14	18	18
	Episodes	F/N	351	493	431	356	738	719	315	265	75	255	373	349	487	942	820	367	321	175
South West	Quarter	1	160	45	16	14	14	10	15	18	20	141	46	16	19	17	11	16	17	20
		2	125	37	10	14	10	10	13	16	18	89	28	11	18	15	13	15	18	22
		3	189	42	11	10	12	11	13	18	19	105	43	11	13	15	11	13	16	21
		4	99	20	8	9	8	8	8	13	12	84	15	6	9	11	11	11	13	12
	Year	19/20	143	36	11	12	11	10	12	16	17	105	33	11	14	15	12	14	16	19
	Episodes	F/N	179	229	201	186	403	408	226	178	62	122	203	188	222	535	491	270	200	115

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

2. Environmentally Sensitive Disorders:

Mean weekly incidence rate per 100,000 Persons.

Asthma (ICD10: J45-J46)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	4	24	25	12	11	14	17	15	8	0	11	20	16	16	22	26	24	17
	2	8	19	31	16	12	14	15	12	9	0	14	18	20	19	23	25	23	17
	3	3	16	22	13	11	15	15	12	16	0	9	20	21	20	23	25	23	15
	4	1	15	17	13	12	16	15	15	9	0	7	14	17	18	23	19	21	16
	5	3	21	31	14	12	14	18	14	9	0	12	22	22	19	23	24	19	17
	6	3	28	41	18	15	19	19	21	14	0	16	30	29	28	32	32	29	19
	7	5	23	36	16	16	19	17	15	14	1	15	28	27	27	35	29	28	17
	8	1	27	40	18	15	21	18	25	18	1	18	30	30	32	41	39	30	20
	9	7	19	29	18	20	29	26	25	22	1	12	21	30	33	48	41	39	22
	10	3	25	34	17	16	22	22	27	20	1	10	27	26	28	34	35	31	27
	11	3	14	26	16	14	19	21	20	20	1	10	25	24	25	34	31	27	18
	12	1	17	27	15	17	20	14	11	13	1	15	20	23	39	35	21	19	12
	13	0	11	28	19	21	18	16	12	16	0	6	20	24	35	32	25	19	13
Quarter	1	5	20	25	14	12	15	16	13	11	0	11	19	19	19	23	25	23	16
	2	3	22	32	15	13	17	17	17	12	0	12	23	23	23	28	26	24	18
	3	3	23	35	17	17	24	21	24	19	2	15	26	29	31	41	37	33	22
	4	2	14	27	17	17	19	17	15	16	1	10	23	24	33	33	27	22	15
Year	19/20	3	20	30	16	15	19	18	17	15	1	12	23	24	26	31	29	26	18
Episodes	F/N	31	955	3,816	1,867	4,374	5,165	1,766	994	286	6	551	2,769	2,770	7,576	8,397	3,024	1,760	584



Mean weekly incidence rate per 100,000 Persons.

Asthma (ICD10: J45 - J46)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	4	23	21	10	11	15	10	10	9	0	14	14	18	17	20	23	22	8
		2	4	29	28	13	15	15	13	16	9	0	14	22	28	23	26	23	24	17
		3	4	27	35	18	20	25	19	20	19	0	21	24	33	35	44	40	39	19
		4	0	15	18	13	15	15	15	10	12	0	13	20	17	33	31	23	21	12
	Year	19/20	3	23	25	13	16	18	14	14	12	0	15	20	24	27	30	27	26	14
	Episodes	F/N	3	111	329	164	434	545	181	99	28	0	70	249	276	729	926	357	223	52
North West	Quarter	1	2	22	31	15	16	17	20	12	13	0	11	21	21	22	27	30	30	18
		2	9	29	41	20	18	19	24	18	13	0	15	26	29	29	32	33	24	26
		3	5	28	41	19	22	27	26	32	16	2	17	29	32	39	47	45	40	23
		4	2	21	29	18	17	20	20	18	20	5	12	21	21	34	35	30	29	18
	Year	19/20	5	25	36	18	18	21	23	20	15	2	14	24	26	31	35	35	31	21
	Episodes	F/N	8	217	838	369	909	1,105	444	222	52	3	112	535	512	1,511	1,783	708	405	126
East of England	Quarter	1	0	14	22	17	14	12	17	6	26	0	11	16	15	19	19	21	33	0
		2	0	18	24	17	14	13	18	9	18	0	11	19	30	23	31	18	18	5
		3	21	8	15	17	10	16	19	22	38	0	12	17	15	25	39	37	42	12
		4	0	18	19	19	17	18	14	11	17	0	4	13	10	20	29	24	20	10
	Year	19/20	5	14	20	18	14	15	17	12	24	0	9	17	17	22	29	25	28	7
	Episodes	F/N	1	16	63	44	84	99	38	16	11	0	10	50	41	136	192	59	43	5
Midlands	Quarter	1	10	17	20	8	10	13	14	9	9	0	11	17	16	15	20	17	18	16
		2	3	18	25	13	13	12	12	13	7	0	12	19	19	18	23	21	20	16
		3	3	19	28	11	14	17	15	17	16	7	11	19	19	22	30	28	26	14
		4	3	8	20	10	10	13	11	10	9	0	10	14	16	21	22	19	15	11
	Year	19/20	5	15	23	11	12	13	13	12	10	2	11	17	18	19	24	21	20	14
	Episodes	F/N	6	95	399	160	399	496	181	103	28	2	66	276	250	638	844	312	194	64
London	Quarter	1	4	21	34	19	11	19	20	28	13	0	14	27	19	20	33	42	39	25
		2	0	21	37	16	11	19	25	19	8	0	9	31	24	21	35	31	39	14
		3	0	23	42	17	15	24	23	28	21	0	16	30	29	24	42	41	38	24
		4	2	17	54	29	26	31	32	34	24	0	12	44	40	45	56	55	44	34
	Year	19/20	2	21	42	20	16	23	25	27	16	0	13	33	28	28	41	42	40	24
	Episodes	F/N	3	176	835	376	1,091	847	196	112	25	0	106	629	579	1,813	1,365	363	212	60
South East	Quarter	1	5	21	22	12	9	13	15	11	7	0	9	18	18	17	19	24	19	17
		2	2	21	30	14	12	16	17	18	16	0	11	22	19	20	25	25	26	18
		3	2	23	30	16	15	25	20	21	23	0	12	25	27	31	39	34	26	26
		4	0	13	22	15	13	18	18	14	13	0	10	21	23	27	31	25	18	11
	Year	19/20	2	19	26	14	12	18	17	16	15	0	11	22	22	24	29	27	22	18
	Episodes	F/N	5	233	872	475	876	1,295	430	243	82	0	122	686	712	1,699	2,000	712	403	173
South West	Quarter	1	6	18	21	19	12	12	15	16	14	0	10	17	22	18	21	24	17	15
		2	3	18	27	15	14	18	13	16	10	0	11	20	24	27	25	23	22	14
		3	3	21	36	21	22	25	23	27	16	4	13	26	35	38	45	37	36	24
		4	3	11	22	16	16	19	14	14	25	0	8	16	23	32	31	21	16	15
	Year	19/20	4	17	27	17	16	18	16	18	16	1	11	20	26	28	30	26	22	17
	Episodes	F/N	5	107	480	279	581	778	296	199	60	1	65	344	400	1,050	1,287	513	280	104

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Symptoms involving Respiratory & Chest (ICD10: R05-R07,R09)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	560	325	126	85	96	152	230	301	417	425	279	131	138	146	189	248	304	362
	2	523	307	130	85	100	154	231	305	390	363	255	126	137	142	197	257	321	357
	3	494	285	115	85	96	138	207	282	383	343	245	123	130	140	177	236	281	332
	4	351	230	85	85	90	134	196	265	321	265	187	88	124	124	171	214	256	307
	5	525	325	108	95	96	138	197	269	345	383	250	117	145	135	170	219	281	323
	6	835	540	158	105	109	160	239	342	439	615	465	157	184	180	221	284	362	457
	7	956	593	152	110	117	175	271	358	470	778	523	155	183	178	244	296	363	474
	8	1,226	790	240	121	118	186	280	373	455	1,031	706	248	201	200	262	312	392	479
	9	822	415	156	108	128	199	305	394	514	726	402	176	182	199	271	329	416	527
	10	782	463	181	126	136	203	301	386	472	598	420	203	198	214	274	335	381	444
	11	813	443	173	116	132	184	279	358	412	607	435	189	185	212	254	299	342	423
	12	493	326	118	73	103	136	170	206	270	395	304	121	130	195	212	192	223	288
	13	175	102	44	42	67	100	122	157	241	162	90	52	71	109	140	129	165	242
Quarter	1	512	302	121	87	97	148	221	294	384	372	254	125	135	141	187	246	299	348
	2	651	402	123	94	100	147	218	302	392	475	341	124	156	153	196	247	312	378
	3	949	572	187	119	125	195	295	386	485	803	518	203	191	200	267	323	395	490
	4	521	307	118	81	103	144	198	247	317	408	290	128	136	176	206	215	252	327
Year	19/20	656	396	137	95	107	159	233	307	394	513	351	145	155	168	214	258	314	386
Episodes	F/N	6,363	18,903	17,621	11,277	31,520	43,993	23,052	17,720	7,705	4,665	16,086	17,664	18,070	48,310	57,481	27,084	21,617	12,762

Mean weekly incidence rate per 100,000 Persons.

Symptoms involving Respiratory and Chest ( ICD10: R05 - R07; R09)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	646	320	129	99	115	156	237	324	426	385	268	156	141	159	209	266	314	369
		2	932	442	146	112	121	164	238	360	444	555	383	134	180	172	219	270	341	413
		3	1,179	621	201	131	137	214	318	432	529	860	531	224	207	224	293	358	426	523
		4	609	317	134	83	115	160	215	271	348	451	315	130	169	194	219	220	276	366
	Year	19/20	837	424	153	106	122	174	252	347	436	559	374	161	174	187	235	278	339	417
	Episodes	F/N	787	2,021	1,973	1,290	3,399	5,401	3,174	2,470	991	491	1,695	2,007	2,034	5,064	7,201	3,655	2,878	1,559
North West	Quarter	1	645	361	141	110	121	179	269	348	447	429	303	146	173	171	230	299	342	380
		2	858	504	155	109	123	176	252	323	494	637	425	147	184	187	241	295	362	445
		3	1,065	639	220	132	155	220	324	428	483	965	576	236	235	238	313	363	456	535
		4	690	366	129	88	123	167	227	265	378	536	327	144	159	211	241	257	295	396
	Year	19/20	815	469	162	110	131	186	268	341	450	641	409	169	188	202	257	304	364	440
	Episodes	F/N	1,437	4,082	3,787	2,267	6,485	9,771	5,266	3,733	1,514	1,069	3,350	3,709	3,709	9,811	12,998	6,183	4,800	2,585
East of England	Quarter	1	639	294	128	104	102	146	234	278	355	692	266	143	149	159	177	251	315	284
		2	765	402	128	128	102	160	184	274	460	568	456	156	190	175	193	302	405	458
		3	1,363	690	202	158	158	224	314	398	643	1,047	630	239	198	260	288	323	467	569
		4	549	263	158	94	113	121	217	264	356	208	324	138	169	200	220	252	278	259
	Year	19/20	812	405	153	120	118	161	235	301	449	615	413	167	176	197	217	281	363	387
	Episodes	F/N	171	447	482	299	731	1,089	532	409	203	127	437	506	416	1,230	1,427	671	560	285
Midlands	Quarter	1	447	245	115	73	96	131	186	245	275	377	236	113	132	130	159	205	245	285
		2	617	366	118	92	94	135	190	249	313	452	313	120	159	147	185	201	242	296
		3	931	502	174	114	128	178	275	352	419	825	498	190	171	200	246	285	321	421
		4	462	263	107	82	97	132	179	232	270	475	260	119	133	169	186	166	228	250
	Year	19/20	611	343	128	90	104	144	207	269	319	528	326	136	149	162	194	214	259	313
	Episodes	F/N	753	2,141	2,187	1,375	3,540	5,303	2,891	2,247	853	615	1,959	2,181	2,112	5,412	6,912	3,148	2,542	1,410
London	Quarter	1	360	284	121	78	82	146	250	326	348	300	215	106	93	118	184	250	313	349
		2	417	334	110	81	87	144	248	326	314	294	263	109	113	127	206	273	353	296
		3	665	530	177	97	97	182	302	438	419	619	451	183	132	160	263	367	393	438
		4	286	263	109	71	86	148	210	277	249	232	231	112	100	137	214	231	253	315
	Year	19/20	431	353	130	82	88	155	252	342	333	362	291	128	110	135	217	281	329	350
	Episodes	F/N	842	3,023	2,580	1,538	6,091	5,661	1,957	1,412	509	665	2,422	2,436	2,267	8,863	7,158	2,411	1,749	863
South East	Quarter	1	522	289	106	70	85	128	180	241	363	339	233	110	120	127	153	205	269	299
		2	570	374	102	81	85	118	176	266	326	485	311	112	135	132	150	204	256	329
		3	877	527	158	103	112	169	248	328	425	732	494	179	174	177	219	270	337	424
		4	499	299	108	76	95	123	159	207	279	376	284	120	120	163	174	182	214	288
	Year	19/20	616	373	119	83	94	134	191	260	348	481	331	130	138	150	174	215	268	335
	Episodes	F/N	1,446	4,490	4,005	2,744	6,761	9,596	4,704	3,883	1,944	1,052	3,829	4,157	4,532	10,641	12,117	5,699	4,824	3,210
South West	Quarter	1	481	312	120	102	105	152	226	324	432	391	290	130	167	162	202	260	323	438
		2	678	414	124	102	116	158	235	326	447	460	369	128	198	182	202	257	342	452
		3	1,153	638	211	149	147	219	323	398	608	904	572	220	255	237	290	340	442	591
		4	678	341	124	87	121	152	215	268	359	502	336	145	163	210	220	236	258	370
	Year	19/20	741	424	145	110	122	170	249	329	461	558	390	155	195	198	229	273	341	462
	Episodes	F/N	927	2,699	2,607	1,764	4,513	7,172	4,528	3,566	1,691	646	2,394	2,668	3,000	7,289	9,668	5,317	4,264	2,850

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Mean weekly incidence rate per 100,000 Persons.

Hayfever/Allergic Rhinitis (ICD10: J30)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	17	22	40	17	11	9	9	8	11	16	12	27	22	20	15	11	9	9
	2	20	32	79	46	25	12	12	10	10	17	14	48	42	44	15	11	10	9
	3	14	37	61	40	26	14	11	14	8	20	26	40	45	43	18	15	14	10
	4	3	11	17	11	8	5	5	4	3	8	3	9	11	9	7	5	5	3
	5	1	5	12	5	5	3	3	3	3	1	5	8	8	5	4	4	4	3
	6	1	3	8	6	4	3	5	2	7	0	1	6	7	5	3	4	3	2
	7	1	4	7	5	4	2	4	2	1	1	3	5	6	5	3	3	4	2
	8	0	3	6	4	3	2	3	2	3	0	3	5	4	4	2	2	2	1
	9	1	1	5	3	2	2	2	1	1	1	1	4	4	3	2	1	1	1
	10	0	4	8	4	4	2	2	3	2	1	5	6	5	5	3	3	2	2
	11	0	2	8	6	4	3	3	3	3	1	3	5	5	5	4	3	3	2
	12	1	3	8	4	4	3	3	3	2	1	2	5	5	8	6	4	3	2
	13	13	19	25	17	14	11	9	8	8	6	9	15	20	28	18	14	11	7
Quarter	1	16	30	56	33	20	11	11	10	9	17	16	37	35	34	15	12	11	9
	2	1	5	11	7	5	3	4	3	3	3	3	7	8	6	4	4	4	2
	3	1	3	7	4	3	2	2	2	2	1	3	5	4	4	2	2	2	1
	4	4	8	13	9	7	5	5	4	4	3	5	8	10	13	9	7	5	3
Year	19/20	6	11	22	13	9	5	5	5	5	6	7	14	14	14	8	6	5	4
Episodes	F/N	55	537	2,778	1,525	2,536	1,503	543	275	92	53	311	1,719	1,637	4,055	2,047	648	367	129

Mean weekly incidence rate per 100,000 Persons.

Hayfever/Allergic Rhinitis (ICD10: J30)

				M										F									
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs		
North East and Yorkshire	Quarter	1	25	33	57	38	22	10	14	7	9	31	19	38	45	36	13	12	11	7			
		2	0	3	8	5	3	3	2	2	0	9	3	7	8	7	4	4	2	2			
		3	0	5	4	2	2	2	0	2	0	0	4	3	3	3	2	2	0	0			
		4	9	7	11	4	6	5	3	4	2	0	7	6	8	13	8	5	4	2			
	Year	19/20	9	12	20	12	8	5	5	4	3	10	8	13	16	15	7	6	4	3			
Episodes	F/N	8	58	262	148	234	158	59	28	6	9	37	167	187	401	209	75	35	10				
North West	Quarter	1	19	42	60	37	22	12	12	12	9	27	17	39	35	39	17	10	11	10			
		2	0	5	14	8	7	4	5	3	6	2	4	9	10	7	4	3	5	3			
		3	2	2	7	6	4	3	3	2	2	2	2	6	5	4	3	2	2	2			
		4	4	7	13	11	8	6	7	7	2	5	4	9	10	13	9	7	6	5			
	Year	19/20	6	14	23	15	10	6	7	6	5	9	7	15	15	15	8	5	6	5			
Episodes	F/N	11	118	544	314	498	321	130	62	16	15	57	337	290	749	408	109	77	28				
East of England	Quarter	1	35	24	67	48	23	8	19	9	0	18	7	39	31	30	17	8	20	16			
		2	0	0	6	5	6	2	7	9	0	0	0	8	12	7	6	3	0	5			
		3	0	0	3	9	1	3	4	3	0	0	4	3	7	7	0	2	3	0			
		4	19	7	16	8	9	8	3	3	8	0	4	5	13	16	6	5	3	0			
	Year	19/20	14	8	24	18	10	5	8	6	2	5	4	14	16	15	8	5	6	5			
Episodes	F/N	3	9	75	44	63	36	19	8	1	1	4	43	38	95	50	11	10	4				
Midlands	Quarter	1	13	36	56	30	18	9	12	7	11	13	20	28	37	33	14	14	10	4			
		2	6	6	9	6	5	3	3	2	3	0	3	6	7	6	4	4	5	1			
		3	0	6	5	3	2	3	2	2	1	0	5	5	4	3	2	1	1	0			
		4	3	4	14	8	6	5	6	3	1	0	5	8	8	11	7	6	5	3			
	Year	19/20	6	13	21	11	8	5	6	4	4	3	8	11	14	13	7	6	5	2			
Episodes	F/N	7	82	359	175	263	187	81	31	11	4	49	182	199	438	237	95	53	8				
London	Quarter	1	15	22	72	32	21	19	15	24	21	4	23	54	36	35	28	19	17	10			
		2	2	9	21	12	5	4	8	4	5	4	5	8	10	6	7	9	6	10			
		3	2	3	12	6	3	3	6	4	0	0	6	10	7	6	3	4	4	3			
		4	2	10	23	11	8	9	7	4	8	4	6	15	12	15	15	9	14	6			
	Year	19/20	5	11	32	15	9	9	9	9	9	3	10	22	16	15	13	10	10	7			
Episodes	F/N	10	97	633	286	651	317	69	36	13	6	84	419	332	1,010	435	86	53	18				
South East	Quarter	1	12	28	47	29	18	9	9	11	8	18	11	34	30	31	13	13	8	12			
		2	0	3	8	5	4	2	4	2	3	2	1	6	7	5	3	5	3	2			
		3	0	2	5	3	3	2	2	1	4	0	2	4	3	4	3	2	2	1			
		4	7	10	12	8	7	5	3	4	6	4	5	6	10	13	9	7	5	2			
	Year	19/20	5	11	18	11	8	4	5	4	5	6	5	12	12	13	7	7	5	4			
Episodes	F/N	11	128	595	371	560	321	113	66	29	13	55	395	402	920	491	174	85	40				
South West	Quarter	1	15	19	51	32	18	8	7	8	8	13	12	27	32	32	10	10	9	8			
		2	0	3	7	5	3	2	2	3	3	0	3	5	7	3	2	2	4	1			
		3	0	2	5	2	2	1	1	1	2	4	0	4	3	2	2	2	2	1			
		4	0	4	6	8	6	4	5	4	4	0	1	5	8	10	6	6	3	3			
	Year	19/20	4	7	17	12	7	4	4	4	4	4	4	10	12	12	5	5	4	3			
Episodes	F/N	5	45	310	187	267	163	72	44	16	5	25	176	189	442	217	98	54	21				

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Conjunctivitis (ICD10: H10-H13)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	273	102	17	6	8	9	17	28	32	248	82	15	8	12	17	23	26	45
	2	247	95	26	7	9	11	18	27	50	254	70	20	12	16	16	26	28	47
	3	257	75	25	8	9	10	21	27	55	208	69	16	8	13	17	21	27	45
	4	166	52	17	6	8	8	17	28	45	127	33	11	9	12	16	21	29	51
	5	136	34	13	6	7	11	16	25	41	140	26	12	10	10	14	21	27	35
	6	180	58	12	7	8	9	17	25	45	174	48	13	12	12	14	21	27	53
	7	237	73	14	8	7	11	19	25	42	208	67	12	8	11	15	25	28	49
	8	297	130	17	7	7	11	15	28	40	255	122	14	9	12	16	23	24	49
	9	377	124	14	5	8	9	15	27	39	305	113	13	9	11	16	23	24	58
	10	407	181	16	8	8	12	20	27	46	386	172	17	10	14	18	25	35	60
	11	487	174	17	6	8	11	17	34	47	437	169	18	12	14	19	24	32	50
	12	219	79	9	3	4	7	12	16	31	225	70	7	5	9	11	18	19	34
	13	108	16	7	3	4	6	9	17	32	90	10	4	4	7	11	16	24	42
Quarter	1	250	89	23	7	9	10	18	28	46	231	71	17	10	14	17	23	27	48
	2	173	49	14	6	7	10	17	26	43	153	41	11	9	11	14	21	27	43
	3	335	129	15	7	7	10	17	27	41	288	118	15	9	12	16	24	28	56
	4	285	100	12	4	6	9	13	22	38	269	94	10	7	10	14	20	25	43
Year	19/20	260	92	16	6	7	10	16	26	42	235	81	13	9	12	15	22	27	48
Episodes	F/N	2,524	4,383	2,012	740	2,170	2,711	1,617	1,491	821	2,134	3,710	1,602	1,040	3,383	4,099	2,312	1,856	1,576

Mean weekly incidence rate per 100,000 Persons.

Conjunctivitis (ICD10: H10-H13)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	247	92	26	9	9	14	22	35	34	322	88	19	8	18	17	28	25	47	
		2	168	54	14	7	9	12	21	33	48	218	47	14	11	12	14	22	24	37	
		3	483	164	17	10	10	12	16	26	67	331	118	15	11	14	18	20	30	64	
		4	300	102	8	3	9	11	15	29	41	244	99	12	8	12	15	21	24	46	
	Year	19/20	297	103	17	7	9	12	19	31	48	278	88	15	10	14	16	23	26	48	
	Episodes	F/N	279	491	214	85	258	382	235	221	108	244	398	187	115	377	488	297	219	181	
North West	Quarter	1	352	120	21	10	10	11	22	31	67	348	93	19	12	15	19	25	29	57	
		2	263	58	18	9	10	11	21	30	51	187	62	14	11	13	16	23	35	46	
		3	477	144	13	9	8	12	18	29	49	371	148	17	9	12	17	32	32	64	
		4	388	113	11	6	7	9	14	21	50	387	98	14	7	13	16	19	37	53	
	Year	19/20	370	109	16	9	9	11	19	27	54	323	100	16	10	13	17	25	33	55	
	Episodes	F/N	652	947	366	179	423	574	371	301	181	539	822	359	195	638	846	506	437	324	
East of England	Quarter	1	397	113	30	9	14	10	32	37	95	364	86	15	23	20	17	42	53	58	
		2	115	56	12	6	10	9	16	32	71	133	26	12	12	8	19	36	44	82	
		3	482	166	15	10	1	10	19	32	66	284	135	14	15	19	20	42	28	111	
		4	265	135	14	10	4	5	15	9	76	397	90	8	7	9	13	20	28	52	
	Year	19/20	313	116	18	9	8	8	21	27	77	296	83	12	14	14	17	35	38	75	
	Episodes	F/N	66	128	57	22	47	57	47	37	35	61	88	37	33	87	113	83	59	55	
Midlands	Quarter	1	230	85	21	7	8	10	15	31	35	187	68	20	11	15	16	22	31	55	
		2	152	48	11	7	7	10	20	26	34	177	37	12	10	12	14	21	21	50	
		3	310	131	16	6	9	10	16	30	31	318	120	15	11	13	15	21	25	38	
		4	298	95	14	5	6	9	11	23	38	275	89	9	8	10	13	14	20	50	
	Year	19/20	248	90	15	6	8	10	16	27	35	238	79	14	10	12	15	19	24	48	
	Episodes	F/N	305	561	263	94	257	362	217	228	93	277	473	226	141	408	519	286	236	218	
London	Quarter	1	210	95	35	6	9	12	18	31	45	162	69	20	12	14	19	35	34	45	
		2	148	57	19	6	7	12	19	32	44	137	44	15	10	11	19	32	33	42	
		3	194	112	21	10	7	11	18	30	28	203	95	18	10	12	21	31	28	67	
		4	170	88	18	4	6	9	18	20	26	143	92	10	7	8	17	29	30	36	
	Year	19/20	180	88	23	7	7	11	18	28	36	161	75	16	10	11	19	32	31	47	
	Episodes	F/N	352	754	461	124	486	397	142	116	55	297	624	302	199	724	633	273	166	117	
South East	Quarter	1	214	72	16	5	9	8	15	21	42	191	54	13	7	11	15	16	25	46	
		2	146	39	10	5	6	8	12	21	45	124	31	6	6	8	12	16	23	42	
		3	288	115	10	5	6	9	16	25	35	261	113	12	6	11	14	19	21	53	
		4	270	86	9	3	5	7	12	21	31	264	82	7	6	9	11	18	21	39	
	Year	19/20	230	78	11	5	6	8	14	22	38	210	70	9	7	10	13	17	23	45	
	Episodes	F/N	539	942	379	152	459	569	337	328	213	459	813	300	214	686	896	460	407	433	
South West	Quarter	1	238	68	20	5	7	8	17	25	43	197	64	13	8	12	14	20	21	38	
		2	170	42	11	5	6	8	15	23	33	113	29	10	11	12	12	19	28	37	
		3	332	125	18	7	9	10	16	26	36	290	115	11	11	14	17	23	35	50	
		4	323	118	12	4	4	8	12	22	37	293	112	10	8	13	14	21	22	35	
	Year	19/20	265	88	15	5	7	9	15	24	37	222	80	11	9	13	14	21	27	40	
	Episodes	F/N	331	560	272	84	240	370	268	260	136	257	492	191	143	463	604	407	332	248	

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3. Respiratory Infections:

Mean weekly incidence rate per 100,000 Persons.

Acute Bronchitis (ICD10: J20-J21,J40)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	42	35	4	1	2	7	21	34	19	23	19	2	2	2	10	25	31	25
	2	26	29	4	1	1	8	22	31	32	18	15	1	1	3	11	24	36	21
	3	42	39	3	1	1	6	21	30	26	36	18	2	1	2	10	20	28	21
	4	36	47	1	1	1	7	19	29	27	25	26	1	2	2	9	18	30	20
	5	74	82	5	1	2	5	17	27	27	53	51	2	1	3	9	19	29	23
	6	148	138	9	1	2	10	29	40	39	98	81	6	2	4	17	31	43	23
	7	126	99	10	2	3	12	30	45	38	95	63	5	3	5	18	35	45	31
	8	119	82	14	2	3	11	37	46	49	94	56	8	4	5	21	43	51	34
	9	83	44	6	1	3	13	44	66	51	54	26	4	3	6	21	42	57	51
	10	87	53	6	1	2	11	29	39	46	57	32	3	2	4	17	36	42	36
	11	59	44	4	1	2	10	25	40	43	47	26	3	2	4	14	27	38	29
	12	27	31	4	1	1	5	14	18	18	25	17	2	1	2	8	17	18	16
	13	3	0	0	0	0	3	7	15	16	3	1	0	0	1	4	10	12	4
Quarter	1	36	34	4	1	1	7	21	32	26	26	18	2	2	2	10	23	32	23
	2	96	97	6	1	2	8	23	33	33	68	58	4	2	3	13	25	36	23
	3	104	65	9	2	3	12	36	51	47	72	42	5	3	5	20	41	51	39
	4	32	27	3	1	1	6	16	25	27	28	16	2	1	2	9	19	23	18
Year	19/20	67	56	5	1	2	8	24	35	33	48	33	3	2	3	13	27	35	26
Episodes	F/N	647	2,656	700	134	516	2,284	2,401	2,040	649	439	1,524	365	221	957	3,488	2,808	2,441	851



Mean weekly incidence rate per 100,000 Persons.

Acute Bronchitis (ICD10: J20-J21,J40)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	66	45	5	0	2	10	24	48	32	27	27	4	3	3	17	37	42	29
		2	143	141	8	1	4	10	26	46	34	93	92	6	3	7	20	38	58	27
		3	93	74	15	4	5	15	45	54	51	94	58	6	3	8	30	52	66	52
		4	43	34	4	2	2	8	18	32	36	32	20	3	1	4	13	23	36	30
	Year	19/20	86	74	8	2	3	11	28	45	38	62	49	5	3	5	20	37	51	35
Episodes	F/N	81	351	103	20	83	328	354	319	87	54	223	59	33	146	615	490	429	129	
North West	Quarter	1	49	54	5	1	3	9	25	46	37	56	25	2	3	3	15	34	48	35
		2	123	124	8	1	3	13	36	37	51	96	81	5	2	5	20	37	51	39
		3	123	81	14	2	4	17	49	58	60	80	55	7	3	7	27	59	73	48
		4	42	33	5	1	2	8	22	33	29	47	26	3	1	3	14	27	31	19
	Year	19/20	85	73	8	1	3	12	33	43	44	70	47	4	2	4	19	39	51	35
Episodes	F/N	149	635	183	23	148	626	652	476	149	116	384	96	45	216	973	798	672	207	
East of England	Quarter	1	52	27	0	0	1	3	25	31	17	36	22	0	2	1	3	24	30	5
		2	76	106	4	0	2	3	14	20	9	19	48	0	3	6	4	22	15	11
		3	84	63	4	0	1	8	21	41	47	65	25	0	2	5	11	11	36	18
		4	19	26	3	0	1	4	10	11	17	19	26	1	2	2	4	5	23	10
	Year	19/20	57	55	3	0	1	4	18	26	22	34	30	0	2	3	5	15	26	11
Episodes	F/N	12	61	8	0	8	28	40	35	10	7	32	1	5	20	34	37	40	8	
Midlands	Quarter	1	36	26	3	2	2	6	20	26	24	23	16	1	3	3	9	19	26	18
		2	116	72	5	2	2	8	22	28	22	68	47	3	0	3	8	16	38	12
		3	90	49	7	1	2	11	32	46	39	79	32	3	3	5	13	36	44	35
		4	19	16	1	1	1	5	13	19	21	14	12	1	1	2	6	13	16	13
	Year	19/20	65	40	4	1	2	8	22	30	27	46	27	2	2	3	9	21	31	19
Episodes	F/N	80	252	68	18	59	277	307	249	71	53	160	31	22	104	321	310	305	87	
London	Quarter	1	19	27	3	1	1	6	25	28	35	22	11	1	1	2	10	21	40	27
		2	57	56	3	1	1	6	16	48	39	28	30	1	1	1	11	24	34	26
		3	85	46	5	1	1	10	38	70	31	43	30	3	1	3	16	35	43	41
		4	28	21	2	0	0	6	14	17	8	17	11	0	1	1	7	17	23	16
	Year	19/20	47	38	3	1	1	7	23	41	28	28	20	1	1	2	11	24	35	28
Episodes	F/N	92	322	65	16	48	255	180	168	43	51	170	26	14	119	368	207	186	68	
South East	Quarter	1	28	27	3	1	1	6	17	27	18	15	15	2	2	2	7	15	22	15
		2	73	97	6	1	2	6	20	33	25	71	52	3	2	2	10	19	21	21
		3	98	63	7	2	2	9	29	50	50	65	35	5	5	6	17	34	40	36
		4	25	24	3	0	1	5	15	23	26	31	14	2	1	3	9	17	20	16
	Year	19/20	56	52	5	1	2	6	20	33	30	45	29	3	2	3	11	21	26	22
Episodes	F/N	131	632	162	33	110	458	492	497	166	99	334	98	76	230	753	561	463	211	
South West	Quarter	1	31	33	5	1	1	6	19	22	22	13	15	1	2	2	7	15	24	25
		2	109	105	7	2	1	6	17	20	39	72	63	4	1	4	9	18	26	16
		3	146	83	9	2	3	12	31	43	40	98	52	5	3	5	17	33	44	34
		4	45	35	4	1	1	6	15	24	32	24	15	3	1	2	7	16	17	17
	Year	19/20	82	63	6	1	2	7	21	27	34	51	36	3	2	3	10	21	28	23
Episodes	F/N	102	403	111	24	60	312	376	296	123	59	221	54	26	122	424	405	346	141	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Common Cold (ICD10: J00,J06)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	46	8	2	1	1	1	2	1	1	34	8	1	2	2	2	2	2	2
	2	39	6	3	1	1	1	2	2	2	33	6	1	2	1	1	2	1	1
	3	20	6	1	1	1	1	1	2	1	25	7	2	1	2	1	1	1	2
	4	17	3	1	0	1	1	1	0	2	18	3	0	2	1	1	1	1	2
	5	38	8	2	1	1	1	1	1	1	37	6	3	3	1	1	1	2	3
	6	66	15	5	2	2	2	2	3	2	56	12	4	4	3	2	2	3	4
	7	71	15	4	2	2	2	3	3	5	60	16	4	4	3	3	3	5	4
	8	94	31	9	3	2	2	3	4	4	87	27	8	4	4	3	4	5	7
	9	69	10	3	2	2	2	3	5	7	64	12	5	4	3	4	3	6	5
	10	57	18	4	2	2	2	3	3	8	75	16	5	4	4	3	3	3	6
	11	41	14	5	4	2	2	3	2	2	85	18	4	4	4	3	2	4	5
	12	20	8	1	1	1	1	2	3	4	21	8	2	2	2	2	2	3	5
	13	4	0	0	0	0	0	1	0	1	4	0	0	0	0	0	1	0	0
Quarter	1	34	6	2	1	1	1	1	2	1	30	6	1	2	1	1	2	1	1
	2	49	9	3	2	1	1	2	2	2	43	9	3	3	2	1	1	3	3
	3	72	19	5	2	2	2	3	4	6	72	18	6	4	4	3	3	5	6
	4	25	9	2	2	1	1	2	2	3	39	10	2	2	2	2	1	2	4
Year	19/20	45	11	3	2	1	1	2	2	3	46	11	3	3	2	2	2	3	4
Episodes	F/N	433	522	388	198	401	404	190	130	62	416	492	367	326	703	494	209	193	117



Mean weekly incidence rate per 100,000 Persons.

Common Cold (ICD10: J00,J06)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	49	6	2	1	0	1	2	2	2	27	9	1	1	2	1	2	1	1
		2	97	13	2	1	2	1	2	1	7	80	12	2	3	3	2	3	3	6
		3	71	22	4	1	1	1	4	7	9	94	21	5	2	3	3	6	7	2
		4	17	9	3	1	1	1	2	3	3	64	10	3	3	3	2	2	2	6
	Year	19/20	59	12	3	1	1	1	2	3	5	66	13	3	2	3	2	3	3	4
	Episodes	F/N	55	59	38	14	29	27	29	21	12	58	60	34	28	79	61	43	29	15
North West	Quarter	1	31	5	2	1	1	1	2	2	1	32	4	2	3	2	1	1	2	3
		2	54	10	2	1	2	2	2	2	4	53	6	1	2	2	2	1	4	3
		3	75	14	5	3	2	2	3	3	8	84	16	6	4	4	4	4	7	7
		4	31	8	2	2	2	1	1	2	5	26	12	2	1	2	1	1	3	3
	Year	19/20	48	9	3	2	2	2	2	2	4	49	10	3	2	2	2	2	4	4
	Episodes	F/N	84	80	69	35	83	81	40	27	15	81	79	61	47	121	99	41	52	22
East of England	Quarter	1	52	3	2	2	1	0	0	0	9	55	14	1	2	1	2	3	3	0
		2	19	21	0	2	1	1	0	0	0	133	7	4	0	1	3	2	3	5
		3	63	20	1	0	1	4	4	3	19	65	16	1	6	4	3	5	3	12
		4	0	11	1	0	1	1	0	0	0	38	8	3	2	1	1	0	0	0
	Year	19/20	33	14	1	1	1	2	1	1	7	73	11	2	2	2	2	3	2	4
	Episodes	F/N	7	15	4	2	5	11	2	1	3	15	12	7	5	11	13	6	3	3
Midlands	Quarter	1	39	10	3	1	1	2	2	2	2	23	7	2	2	1	1	1	1	1
		2	39	16	7	2	2	2	1	1	3	58	13	4	4	3	1	2	3	2
		3	63	34	10	2	3	3	3	3	3	96	20	10	3	5	4	3	5	4
		4	22	10	2	2	2	1	2	2	1	41	10	3	2	2	2	2	3	4
	Year	19/20	41	18	6	2	2	2	2	2	2	54	12	4	3	3	2	2	3	3
	Episodes	F/N	50	110	95	23	69	65	26	17	6	63	75	72	41	102	76	30	32	12
London	Quarter	1	35	9	2	0	1	1	1	4	0	22	6	2	2	1	1	1	2	2
		2	40	10	3	2	1	2	3	1	0	19	11	2	3	2	1	1	1	6
		3	85	18	5	2	1	2	3	4	3	65	21	8	2	2	3	4	4	6
		4	20	10	2	1	1	1	3	3	0	35	9	3	2	2	2	2	4	6
	Year	19/20	45	12	3	1	1	2	2	3	1	35	12	4	2	2	2	2	3	5
	Episodes	F/N	88	102	63	27	82	56	17	12	1	65	98	72	46	139	56	18	15	13
South East	Quarter	1	31	4	1	1	1	1	2	1	1	35	6	1	2	1	1	2	0	1
		2	41	5	2	2	1	1	1	2	1	27	7	4	5	2	1	1	2	3
		3	62	16	4	3	2	1	2	4	3	43	19	5	4	4	2	2	3	5
		4	20	7	2	2	1	2	2	1	3	34	7	2	2	3	2	1	1	3
	Year	19/20	38	8	2	2	1	1	2	2	2	35	10	3	3	2	2	2	2	3
	Episodes	F/N	90	101	81	67	92	93	43	28	12	76	111	98	112	175	108	41	27	26
South West	Quarter	1	19	5	1	1	1	1	1	0	33	6	1	1	1	1	1	1	2	2
		2	51	5	2	1	1	1	2	2	2	38	7	2	2	1	1	1	3	3
		3	76	17	3	2	2	3	3	4	8	80	13	2	7	4	4	2	4	8
		4	45	7	2	2	1	1	2	2	4	52	11	1	3	2	2	2	2	4
	Year	19/20	47	9	2	2	1	2	2	2	4	50	9	1	3	2	2	2	3	4
	Episodes	F/N	59	55	38	30	41	71	33	24	13	58	57	23	47	76	81	30	35	26

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Influenza-like illness (ICD10 : J09 - J11)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	1	1	2	3	3	2	3	10	4	1	1	3	3	3	3	4	4
	2	1	0	1	2	2	2	3	4	5	0	0	0	1	3	2	2	2	3
	3	5	1	0	1	1	1	1	2	1	0	1	0	1	2	2	1	2	4
	4	1	0	0	1	1	2	2	2	5	0	0	1	1	2	2	1	2	3
	5	3	1	1	2	2	2	1	4	3	3	1	0	2	3	3	3	2	2
	6	1	3	2	4	4	4	5	5	7	1	1	3	4	7	7	6	4	7
	7	5	5	4	5	6	5	4	5	9	13	5	3	8	10	9	5	6	7
	8	19	25	21	14	11	9	9	12	13	18	21	20	19	20	18	10	12	9
	9	28	23	13	15	16	17	13	23	30	17	22	13	23	26	26	21	27	28
	10	8	9	6	10	11	8	6	8	8	4	8	7	14	17	13	8	8	9
	11	3	8	5	9	11	8	6	5	3	6	6	6	14	16	12	8	4	6
	12	6	7	4	7	8	10	7	6	7	4	7	4	9	16	15	7	6	6
	13	3	2	1	2	2	4	4	4	14	0	2	1	2	5	7	5	5	12
Quarter	1	2	1	1	1	2	2	2	3	6	1	1	1	2	3	2	2	2	3
	2	3	2	1	3	3	3	3	4	5	3	1	1	3	5	4	4	3	5
	3	17	18	13	12	12	11	9	13	17	14	16	12	17	20	18	12	15	15
	4	4	5	4	6	8	7	5	5	8	3	5	4	9	13	11	6	5	8
Year	19/20	6	7	5	6	6	6	5	6	9	5	6	4	8	10	9	6	7	8
Episodes	F/N	63	312	607	677	1,855	1,588	476	367	177	49	264	546	922	2,906	2,442	656	453	253

Mean weekly incidence rate per 100,000 Persons.

Influenza-like illness (ICD10: J09 - J11)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	0	0	0	1	2	2	3	6	5	0	0	0	1	2	2	3	5	3
		2	8	2	1	3	3	3	4	7	4	4	2	4	4	6	5	7	4	10
		3	27	36	23	14	16	14	14	23	37	19	27	19	24	24	26	19	26	19
		4	0	4	2	4	7	7	6	5	5	5	4	2	7	12	10	7	6	7
	Year	19/20	9	10	6	5	7	6	6	10	13	7	8	6	9	11	11	9	10	10
	Episodes	F/N	8	49	84	65	203	199	81	74	29	6	37	79	105	304	330	120	88	37
North West	Quarter	1	0	1	0	1	2	2	3	2	8	0	1	0	1	2	2	2	2	3
		2	2	2	2	3	4	3	3	4	6	0	1	1	4	5	5	5	4	7
		3	23	26	15	16	13	12	9	18	20	22	23	16	22	27	22	14	17	17
		4	9	4	3	5	7	6	4	7	8	0	7	4	7	12	11	5	3	8
	Year	19/20	9	8	5	6	6	6	5	8	10	5	8	5	9	12	10	7	7	9
	Episodes	F/N	15	71	123	131	321	317	93	88	35	9	66	119	169	571	507	137	89	52
East of England	Quarter	1	0	7	0	0	1	2	2	3	0	0	4	0	5	2	3	2	0	0
		2	0	4	0	2	3	2	2	6	0	0	0	3	2	3	3	3	3	0
		3	0	12	3	9	14	10	10	0	0	22	4	7	20	19	16	18	8	18
		4	0	4	3	6	4	6	10	6	8	19	0	3	7	7	8	8	3	5
	Year	19/20	0	6	1	4	5	5	6	4	2	10	2	3	8	8	7	8	3	5
	Episodes	F/N	0	7	4	10	32	33	13	5	1	2	2	9	19	47	49	18	5	4
Midlands	Quarter	1	0	1	0	1	1	1	1	2	3	0	1	0	1	2	2	1	2	0
		2	0	1	0	1	2	2	3	3	3	3	0	1	2	4	4	2	3	3
		3	17	15	8	8	12	9	6	12	16	4	9	9	17	19	14	7	11	17
		4	3	5	2	5	6	6	4	4	3	0	6	2	6	11	10	4	4	5
	Year	19/20	5	5	3	3	5	5	3	5	6	2	4	3	6	9	7	4	5	6
	Episodes	F/N	6	34	48	52	182	176	47	44	17	2	24	50	92	299	266	53	49	28
London	Quarter	1	6	0	2	2	2	2	4	7	0	7	1	1	3	3	3	2	3	2
		2	4	1	2	4	3	4	4	9	16	2	1	1	4	4	6	6	4	3
		3	14	19	16	13	9	11	9	14	21	24	12	13	15	15	17	11	21	11
		4	2	6	5	8	8	8	8	3	16	4	3	5	10	10	12	7	6	5
	Year	19/20	7	7	6	7	6	6	6	8	13	9	4	5	8	8	9	6	9	5
	Episodes	F/N	13	57	125	123	382	228	49	34	20	17	37	94	164	520	310	54	46	13
South East	Quarter	1	2	0	1	2	2	2	2	1	10	0	0	0	1	3	2	1	2	6
		2	3	2	1	2	3	3	4	3	4	5	2	1	3	5	4	3	3	3
		3	10	9	10	11	11	9	6	9	7	7	15	8	13	16	14	10	9	12
		4	0	6	4	6	9	7	3	4	7	2	6	4	10	13	11	6	5	8
	Year	19/20	4	4	4	5	6	5	4	4	7	4	6	4	7	9	8	5	5	7
	Episodes	F/N	9	53	132	176	444	365	90	64	39	8	68	114	232	670	571	140	86	67
South West	Quarter	1	3	1	1	2	4	2	1	3	3	0	0	1	3	4	2	3	3	4
		2	0	1	1	3	4	2	4	1	5	3	1	0	4	6	4	4	3	5
		3	23	17	13	16	15	13	10	10	20	4	13	13	21	24	19	13	15	14
		4	13	7	5	9	9	8	8	6	11	10	5	4	9	20	14	8	8	11
	Year	19/20	10	6	5	7	8	6	6	5	10	4	5	5	9	13	10	7	7	8
	Episodes	F/N	12	41	91	120	291	270	103	58	36	5	30	81	141	495	409	134	90	52

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Acute Laryngitis/Tracheitis (ICD10: J04)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	40	39	5	0	1	1	2	0	0	28	20	3	3	3	3	1	1	1
	2	28	32	5	1	1	1	0	1	2	17	18	2	1	4	4	3	1	1
	3	45	48	4	1	1	1	1	1	0	35	23	3	3	3	3	2	3	1
	4	37	56	1	1	1	1	1	1	1	31	34	2	1	2	2	1	2	1
	5	82	102	5	1	1	1	1	0	0	52	62	3	2	2	3	2	1	0
	6	157	171	12	0	1	1	0	0	1	96	103	8	3	4	4	2	2	2
	7	115	112	13	0	1	1	2	2	1	88	74	7	3	5	5	3	2	2
	8	97	93	17	1	1	1	2	1	1	78	62	10	5	6	6	3	2	2
	9	60	49	8	1	1	1	1	1	2	36	29	4	2	5	6	4	3	4
	10	80	59	5	1	1	2	1	0	2	40	34	5	4	4	5	3	2	2
	11	56	45	5	1	1	1	0	0	0	40	27	3	2	4	4	2	2	3
	12	20	30	4	0	0	1	0	0	0	21	15	2	1	2	2	1	1	0
	13	7	1	0	0	0	0	0	0	0	4	2	0	0	1	1	1	0	0
Quarter	1	36	40	4	1	1	1	1	1	1	28	21	3	2	3	3	2	2	1
	2	100	118	8	1	1	1	1	0	1	66	72	5	2	3	3	2	2	1
	3	86	73	11	1	1	1	1	1	2	57	47	7	3	5	5	3	2	3
	4	31	27	3	0	0	1	0	0	0	24	16	2	1	2	3	1	1	1
Year	19/20	63	64	7	1	1	1	1	1	1	43	39	4	2	3	4	2	2	2
Episodes	F/N	614	3,073	839	70	215	228	84	36	16	395	1,776	482	262	1,001	968	231	121	50

Mean weekly incidence rate per 100,000 Persons.

Acute Laryngitis/Tracheitis (ICD10: J04)

		M										F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs		
North East and Yorkshire	Quarter	1	66	50	5	0	1	1	2	0	2	36	32	4	4	4	4	2	1	1	
		2	147	167	9	1	1	1	2	1	0	102	109	7	4	5	3	3	1	1	
		3	75	87	16	1	1	1	2	1	2	80	63	8	3	6	4	4	1	2	
		4	47	34	4	0	1	1	0	0	0	37	16	2	2	5	2	1	0	0	
	Year	19/20	84	84	8	1	1	1	2	0	1	64	55	5	3	5	3	3	1	1	
	Episodes	F/N	79	401	109	7	20	32	19	2	2	56	248	66	38	128	93	35	7	4	
North West	Quarter	1	52	60	5	1	1	1	1	0	51	30	3	2	5	4	1	2	2		
		2	123	147	10	1	2	1	0	0	1	93	98	6	3	4	3	3	1	1	
		3	98	90	15	1	1	1	2	1	1	55	57	9	5	5	6	4	2	2	
		4	40	37	5	0	1	1	0	0	0	42	26	4	1	2	3	2	1	2	
	Year	19/20	78	83	9	1	1	1	1	1	1	61	53	6	3	4	4	3	2	2	
	Episodes	F/N	138	726	210	13	48	55	19	7	2	101	432	124	53	197	204	55	23	10	
East of England	Quarter	1	35	31	0	0	1	1	0	0	0	36	22	0	3	2	6	0	3	0	
		2	96	141	4	0	1	0	0	0	0	19	59	0	3	3	5	3	8	11	
		3	84	63	4	2	1	0	0	0	0	87	41	1	4	8	5	4	6	0	
		4	38	22	3	3	0	0	0	0	0	19	30	1	0	3	3	2	0	0	
	Year	19/20	62	64	3	1	1	0	0	0	0	39	38	1	3	4	5	2	4	3	
	Episodes	F/N	13	71	8	3	4	1	0	0	0	8	40	2	6	24	31	5	6	2	
Midlands	Quarter	1	26	29	2	0	1	0	1	0	0	27	18	2	1	3	2	3	1	1	
		2	107	93	8	0	1	0	1	1	0	58	60	3	2	4	2	1	2	1	
		3	73	56	9	1	1	1	1	0	1	57	36	6	3	6	6	3	2	0	
		4	13	16	2	0	1	0	0	0	0	10	12	1	1	3	2	1	0	3	
	Year	19/20	54	48	5	0	1	1	1	0	0	38	31	3	2	4	3	2	1	1	
	Episodes	F/N	67	301	89	4	24	21	9	2	1	44	188	50	24	128	111	28	12	5	
London	Quarter	1	21	30	3	0	1	1	2	3	3	22	14	2	2	2	3	2	1	3	
		2	65	65	3	0	0	1	2	1	0	24	38	3	1	2	3	2	1	0	
		3	56	48	7	0	1	2	1	1	0	35	36	5	1	4	6	4	5	5	
		4	24	23	4	1	0	1	1	1	0	11	10	1	0	1	3	0	2	2	
	Year	19/20	41	42	4	0	0	1	1	1	1	23	25	3	1	2	4	2	2	2	
	Episodes	F/N	81	357	80	6	34	38	8	6	1	42	207	50	23	145	127	19	13	6	
South East	Quarter	1	34	33	5	1	1	0	1	1	0	20	17	2	2	4	3	2	3	1	
		2	82	121	9	1	1	1	1	0	3	75	68	5	3	3	3	1	2	1	
		3	91	72	10	1	1	1	1	2	3	50	42	6	4	5	6	3	2	4	
		4	28	23	3	0	0	1	0	0	0	25	14	2	1	2	3	2	2	1	
	Year	19/20	59	62	6	1	1	1	1	1	1	43	35	4	3	4	4	2	2	2	
	Episodes	F/N	138	749	218	21	52	48	18	11	8	93	406	119	87	252	266	52	36	17	
South West	Quarter	1	31	43	6	1	1	1	1	1	1	10	20	2	2	3	3	2	2	0	
		2	115	125	8	1	1	0	1	0	0	65	78	4	2	2	3	1	1	1	
		3	130	91	10	2	2	1	0	1	1	83	56	8	2	6	4	3	4	3	
		4	42	37	3	0	0	1	1	0	0	21	14	3	2	2	2	2	2	1	
	Year	19/20	78	74	7	1	1	1	1	1	1	44	42	4	2	3	3	2	2	1	
	Episodes	F/N	98	468	125	16	33	33	11	8	2	51	255	71	31	127	136	37	24	6	

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Mean weekly incidence rate per 100,000 Persons.

Pleurisy (ICD10: R091)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	1
	2	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	0
	3	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	2
	4	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1
	5	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
	6	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	1	1	0
	7	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0
	8	0	0	0	1	1	1	1	1	1	0	0	0	1	2	1	1	2	0
	9	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1	0	1	1
	10	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	1	1	1
	11	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
	13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	
	2	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	
	3	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	
	4	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	
Year	19/20	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	1	
Episodes	F/N	0	0	6	34	95	118	55	24	10	0	0	4	54	256	205	53	46	19

Mean weekly incidence rate per 100,000 Persons.

Pleurisy (ICD10: R.09)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	0	
		2	0	0	0	1	0	1	0	0	0	0	0	0	2	1	0	0	0	0	
		3	0	0	0	0	0	1	2	0	0	0	0	1	2	2	2	2	2	0	
		4	0	0	0	1	0	0	1	1	0	0	0	0	1	1	1	0	0	0	
	Year	19/20	0	0	0	1	0	1	1	0	0	0	0	0	1	2	1	1	1	0	
	Episodes	F/N	0	0	0	7	9	16	11	2	0	0	0	0	7	47	35	7	5	0	
North West	Quarter	1	0	0	0	1	1	0	1	0	0	0	0	1	1	1	0	1	1		
		2	0	0	0	0	1	1	0	1	1	0	0	0	1	1	1	1	0		
		3	0	0	0	0	1	1	1	1	1	0	0	2	3	2	1	1	3		
		4	0	0	0	0	1	0	1	0	0	0	0	1	2	1	0	1	1		
	Year	19/20	0	0	0	0	1	1	1	0	1	0	0	0	1	2	1	1	1		
	Episodes	F/N	0	0	3	6	32	28	18	5	2	0	0	2	18	81	64	11	13		
East of England	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
		2	0	0	0	0	1	1	0	0	0	0	0	2	1	0	2	0	0		
		3	0	0	0	0	1	1	0	0	0	0	0	4	1	1	0	0	0		
		4	0	0	0	0	1	0	0	0	0	0	0	2	0	2	0	0	0		
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0		
	Episodes	F/N	0	0	0	0	3	2	0	0	0	0	0	4	3	5	1	0	0		
Midlands	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1		
		2	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0		
		3	0	0	0	0	0	0	1	0	1	0	0	1	1	1	0	1	2		
		4	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	1		
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1		
	Episodes	F/N	0	0	0	3	11	13	6	3	1	0	0	0	3	27	28	6	9		
London	Quarter	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0		
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0		
		3	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	2	0		
		4	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0		
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0		
	Episodes	F/N	0	0	2	4	6	12	2	0	0	0	0	1	7	20	16	8	6		
South East	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2		
		2	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1		
		3	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0	0		
		4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0		
	Year	19/20	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1		
	Episodes	F/N	0	0	1	10	21	26	9	5	3	0	0	0	10	40	38	9	10		
South West	Quarter	1	0	0	0	0	0	0	1	2	0	0	0	0	1	1	1	0	0		
		2	0	0	0	1	0	0	1	1	2	0	0	0	1	0	0	0	0		
		3	0	0	0	0	1	1	0	1	0	0	0	0	2	0	1	1	0		
		4	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1		
	Year	19/20	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0		
	Episodes	F/N	0	0	0	4	13	21	9	9	4	0	0	1	5	38	19	11	3		

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Pneumonia and Pneumonitis (ICD10: J12 - J18)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	5	0	1	0	1	4	13	26	57	1	1	1	1	2	4	10	25	46
	2	3	2	1	0	2	4	12	27	61	0	1	1	1	1	4	11	18	43
	3	4	3	0	0	1	4	11	26	51	4	1	1	1	2	3	9	17	43
	4	3	2	1	0	1	5	11	26	58	0	1	1	1	1	3	8	16	36
	5	4	2	1	0	2	5	10	26	62	1	1	0	1	2	4	9	18	34
	6	0	5	1	1	2	4	13	28	67	1	3	1	1	2	4	10	19	51
	7	0	3	1	2	2	5	14	32	76	3	4	1	1	2	4	11	28	62
	8	3	7	1	1	2	5	14	40	79	4	8	2	2	3	5	14	27	72
	9	3	7	2	1	3	8	22	47	98	9	5	1	2	4	7	16	36	88
	10	4	4	1	1	2	6	18	38	112	0	3	1	2	4	6	14	32	80
	11	8	2	1	2	2	5	16	35	74	7	7	2	1	3	5	15	28	67
	12	1	3	1	1	1	7	15	34	68	1	3	1	1	3	6	11	21	53
	13	0	1	0	0	2	6	14	27	60	1	1	0	1	1	4	8	16	37
Quarter	1	4	2	1	0	1	4	12	26	57	2	1	1	1	1	4	10	20	43
	2	2	3	1	1	2	5	12	27	62	1	2	1	1	2	4	9	19	44
	3	2	5	1	1	2	6	17	40	95	4	5	1	2	3	5	15	31	77
	4	4	2	1	1	2	6	16	33	70	3	4	1	1	2	5	11	22	55
Year	19/20	3	3	1	1	2	5	14	32	71	3	3	1	1	2	5	11	23	55
Episodes	F/N	28	144	98	92	519	1,439	1,391	1,836	1,389	24	137	110	137	621	1,235	1,187	1,601	1,813

Mean weekly incidence rate per 100,000 Persons.

Pneumonia and Pneumonitis (ICD10: J12-J18)

		M										F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
North East and Yorkshire	Quarter	1	4	3	1	1	2	4	13	32	47	0	2	1	1	2	4	14	20	53
		2	0	3	0	1	3	5	10	29	67	0	2	2	2	2	5	12	20	46
		3	0	7	1	1	3	6	20	50	116	0	6	1	2	4	7	17	47	89
		4	4	2	0	2	1	5	16	38	84	0	3	0	0	1	4	12	26	50
	Year	19/20	2	4	0	1	2	5	15	37	79	0	3	1	1	2	5	14	28	60
	Episodes	F/N	2	18	5	16	66	159	188	265	179	0	15	10	15	61	158	178	238	223
North West	Quarter	1	5	1	0	0	2	5	17	37	72	0	1	0	1	2	5	13	28	47
		2	2	2	1	0	2	6	14	30	88	0	1	0	1	2	4	16	25	58
		3	2	5	1	2	3	9	24	48	112	5	4	1	2	4	7	19	32	106
		4	4	1	1	1	2	8	18	39	81	7	4	1	1	3	6	14	28	71
	Year	19/20	3	2	1	1	2	7	18	39	89	3	3	1	1	2	6	16	28	71
	Episodes	F/N	6	20	15	14	103	374	363	422	298	5	23	13	26	121	289	318	373	418
East of England	Quarter	1	0	3	0	0	1	5	5	14	69	0	0	0	0	1	3	3	20	21
		2	0	0	0	2	0	6	7	15	53	0	0	0	0	1	2	5	10	38
		3	0	8	1	5	1	4	14	16	19	0	0	1	0	1	2	7	39	70
		4	0	0	0	3	1	3	5	17	51	0	0	0	0	3	3	10	10	26
	Year	19/20	0	3	0	2	0	4	8	15	49	0	0	0	0	1	2	6	19	38
	Episodes	F/N	0	3	1	6	3	29	17	21	22	0	0	1	0	8	16	15	30	28
Midlands	Quarter	1	13	0	0	1	1	4	13	27	53	0	1	0	0	1	3	7	16	42
		2	0	0	0	0	2	4	13	25	61	3	0	0	0	2	3	8	21	42
		3	0	1	1	1	2	6	15	32	87	4	1	1	2	4	4	16	32	69
		4	0	2	0	1	2	5	16	26	78	0	1	2	0	2	5	12	20	60
	Year	19/20	3	1	0	1	2	5	14	28	70	2	1	1	1	2	4	11	22	53
	Episodes	F/N	4	5	6	10	57	185	201	230	187	2	5	14	10	65	130	159	220	239
London	Quarter	1	6	1	1	1	1	4	10	22	42	2	2	1	1	1	4	10	23	55
		2	2	2	1	1	1	4	13	35	52	0	3	1	1	1	4	8	24	47
		3	4	3	1	1	1	4	11	32	82	9	8	2	2	2	4	19	31	73
		4	8	1	1	1	1	7	16	31	58	4	3	1	1	2	5	8	23	52
	Year	19/20	5	2	1	1	1	5	12	30	59	4	4	1	1	2	4	11	25	57
	Episodes	F/N	10	17	17	13	83	171	96	124	90	7	33	21	26	104	140	97	135	140
South East	Quarter	1	0	2	1	0	2	3	11	24	60	5	0	1	1	1	3	8	17	40
		2	3	5	1	0	1	5	11	30	67	4	4	1	1	2	4	7	16	43
		3	2	9	2	1	3	5	17	43	96	4	5	1	1	3	6	13	25	71
		4	0	4	1	1	3	6	16	34	70	4	6	1	1	3	6	10	22	53
	Year	19/20	1	5	1	1	2	5	14	33	73	4	4	1	1	2	5	10	20	52
	Episodes	F/N	3	58	42	24	141	332	341	488	410	9	45	30	35	167	316	252	365	498
South West	Quarter	1	0	3	0	0	2	4	7	19	54	0	1	1	1	1	3	9	18	38
		2	0	3	1	1	2	4	10	20	35	0	1	0	2	2	3	7	15	31
		3	3	6	2	1	1	5	11	33	82	4	5	2	3	4	5	9	28	59
		4	6	2	0	0	2	5	12	33	51	0	3	2	1	3	6	10	17	45
	Year	19/20	2	4	1	1	2	4	10	26	55	1	3	1	2	3	4	9	19	43
	Episodes	F/N	3	23	12	9	66	189	185	286	203	1	16	21	25	95	186	168	240	267

Mean weekly incidence rate per 100,000 Persons.

Respiratory System Diseases (ICD10: J00-J99)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	1,387	900	272	154	144	180	301	405	522	1,068	750	281	268	258	275	348	378	468
	2	1,184	833	322	192	162	188	309	412	567	1,018	674	300	292	292	288	348	401	449
	3	1,153	821	285	189	154	177	289	384	514	911	664	291	286	280	256	310	352	429
	4	878	612	202	156	138	174	273	352	465	699	488	212	250	219	239	297	332	381
	5	1,229	824	241	162	135	171	269	360	504	1,037	632	243	268	229	244	293	350	400
	6	2,239	1,403	328	198	161	210	343	453	632	1,813	1,211	342	327	317	341	374	473	529
	7	2,645	1,534	322	196	171	231	359	477	686	2,161	1,372	336	346	328	368	421	482	629
	8	3,546	2,181	577	219	187	237	382	521	712	3,015	2,056	607	375	399	414	472	537	685
	9	2,575	1,336	400	226	208	288	442	631	901	2,106	1,254	432	376	421	466	539	661	850
	10	2,227	1,420	404	226	197	261	410	513	738	1,769	1,269	444	367	380	407	459	527	655
	11	2,197	1,342	375	204	193	223	344	454	631	1,740	1,235	428	349	386	369	396	437	553
	12	1,015	645	190	108	116	137	196	263	348	752	601	200	201	251	247	235	243	311
	13	219	160	80	62	73	92	124	172	265	195	122	78	109	145	152	155	169	227
Quarter	1	1,211	837	289	178	153	183	298	398	532	980	682	287	280	273	272	332	373	445
	2	1,667	1,049	266	175	148	190	306	401	552	1,345	877	274	291	267	289	338	403	465
	3	2,791	1,643	442	220	193	259	405	550	786	2,325	1,522	473	372	390	423	486	571	727
	4	1,251	781	233	133	133	158	234	311	433	974	712	256	231	271	267	274	296	382
Year	19/20	1,724	1,077	307	176	157	197	310	415	576	1,399	948	322	293	300	313	357	410	505
Episodes	F/N	16,712	51,462	39,408	20,906	46,332	54,766	30,749	23,931	11,247	12,734	43,458	39,246	34,287	86,625	83,908	37,574	28,252	16,697

Mean weekly incidence rate per 100,000 Persons.

Respiratory System Diseases ( ICD10: J00-J99)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	1,678	941	323	209	191	222	351	489	630	1,171	772	348	374	339	335	396	457	549
		2	2,179	1,286	307	213	186	233	348	512	673	1,568	1,067	342	371	349	361	415	487	538
		3	3,562	2,019	534	281	246	316	472	681	968	2,986	1,890	590	494	515	509	599	701	826
		4	1,527	848	232	153	155	185	272	357	533	1,255	775	276	297	330	314	326	349	442
	Year	19/20	2,220	1,271	348	214	194	239	360	509	700	1,731	1,122	388	384	383	379	433	498	588
Episodes	F/N	2,087	6,056	4,502	2,597	5,418	7,428	4,538	3,628	1,591	1,520	5,090	4,839	4,475	10,347	11,620	5,693	4,227	2,195	
North West	Quarter	1	1,612	1,118	339	213	189	224	367	490	641	1,335	893	340	351	349	335	410	452	522
		2	2,432	1,416	321	206	186	230	372	469	730	1,939	1,197	346	357	346	354	413	486	591
		3	3,410	1,959	543	271	253	317	496	641	913	2,873	1,880	595	466	497	531	610	696	897
		4	1,642	928	269	154	163	186	263	365	494	1,250	889	312	266	327	311	325	372	450
	Year	19/20	2,276	1,358	369	211	198	240	375	491	696	1,847	1,219	399	360	380	384	440	502	617
Episodes	F/N	4,012	11,826	8,637	4,370	9,840	12,603	7,370	5,383	2,339	3,079	9,985	8,775	7,114	18,441	19,427	8,963	6,619	3,625	
East of England	Quarter	1	1,139	731	250	227	156	165	288	343	546	929	637	277	268	301	263	331	355	373
		2	1,606	1,047	207	197	143	180	303	374	495	1,212	830	225	298	292	280	353	358	480
		3	2,747	1,608	375	254	200	262	403	459	918	2,399	1,568	424	371	408	423	501	579	821
		4	1,061	844	239	123	156	147	198	247	398	662	707	245	235	290	255	280	266	321
	Year	19/20	1,599	1,042	265	199	163	187	295	353	582	1,260	919	290	291	321	302	362	385	490
Episodes	F/N	337	1,150	836	496	1,012	1,263	667	479	263	260	972	877	689	2,004	1,985	866	593	361	
Midlands	Quarter	1	1,075	731	261	166	154	180	297	392	468	857	621	263	288	286	265	319	367	437
		2	1,476	925	264	168	154	183	296	380	464	1,194	816	260	290	266	276	303	398	404
		3	2,400	1,454	422	200	196	256	390	518	714	2,127	1,307	444	362	390	396	449	523	672
		4	1,112	663	211	113	121	140	223	283	392	854	624	234	233	264	254	240	260	349
	Year	19/20	1,507	941	289	161	156	190	301	393	509	1,247	839	300	293	301	297	327	386	465
Episodes	F/N	1,857	5,870	4,921	2,451	5,329	6,992	4,206	3,276	1,361	1,452	5,047	4,820	4,162	10,069	10,601	4,817	3,792	2,097	
London	Quarter	1	1,047	872	332	160	127	180	301	415	499	884	712	324	226	222	273	341	396	462
		2	1,399	987	295	157	115	187	332	436	508	1,089	797	273	231	208	286	372	431	467
		3	2,399	1,725	514	194	147	232	380	530	651	2,078	1,560	512	281	300	398	505	596	704
		4	960	755	267	123	112	156	252	307	394	775	667	263	188	212	258	290	298	425
	Year	19/20	1,449	1,086	352	159	125	189	317	423	514	1,209	936	343	231	236	304	378	431	516
Episodes	F/N	2,830	9,298	7,011	2,989	8,670	6,892	2,455	1,746	786	2,223	7,800	6,551	4,771	15,412	10,032	3,243	2,296	1,272	
South East	Quarter	1	1,096	710	251	155	139	152	247	349	504	914	604	244	228	243	228	277	313	386
		2	1,377	923	228	157	137	161	264	353	496	1,285	786	234	252	239	249	286	339	426
		3	2,675	1,460	350	187	172	212	341	496	702	2,143	1,354	382	322	346	355	388	477	637
		4	1,214	782	219	124	125	142	212	288	387	985	686	235	206	259	239	241	259	359
	Year	19/20	1,587	971	262	156	143	167	266	371	522	1,327	859	274	253	272	268	298	347	452
Episodes	F/N	3,725	11,690	8,847	5,167	10,255	11,899	6,550	5,536	2,916	2,900	9,939	8,744	8,311	19,296	18,667	7,892	6,232	4,332	
South West	Quarter	1	922	703	256	182	150	162	258	323	476	749	517	237	291	259	233	289	318	410
		2	1,359	809	212	165	147	168	257	330	490	1,022	657	230	304	261	235	285	346	405
		3	2,557	1,340	367	220	195	251	366	489	774	1,945	1,227	387	399	399	384	432	511	680
		4	1,183	666	200	142	139	150	213	290	434	829	628	228	249	282	244	250	263	332
	Year	19/20	1,490	875	258	177	157	182	273	358	543	1,122	753	270	310	300	274	313	359	456
Episodes	F/N	1,864	5,572	4,654	2,836	5,808	7,689	4,963	3,883	1,991	1,300	4,625	4,640	4,765	11,056	11,576	6,100	4,493	2,815	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Acute Sinusitis (ICD10: J01)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	1	1	2	5	12	12	15	10	11	0	1	3	15	30	32	28	15	9
	2	0	2	2	7	12	14	15	12	7	0	2	3	12	28	31	24	16	9
	3	0	1	2	5	9	11	12	9	7	0	1	2	11	23	25	17	11	6
	4	0	0	1	4	9	11	13	6	4	1	1	2	8	20	23	23	15	5
	5	1	0	2	6	9	12	12	5	4	1	1	2	11	24	27	21	15	6
	6	1	1	3	9	13	15	16	11	7	0	1	4	15	36	38	26	20	7
	7	3	1	3	9	14	17	17	10	6	0	2	5	17	38	41	32	23	7
	8	0	2	7	12	17	16	19	11	7	7	2	7	21	49	47	39	24	7
	9	0	1	5	13	22	22	20	13	8	0	1	6	25	58	56	38	33	11
	10	0	2	4	12	19	21	26	14	5	0	1	5	24	50	53	42	26	11
	11	1	2	5	10	19	21	20	16	5	1	1	5	20	53	48	39	21	11
	12	1	1	2	5	11	14	13	8	4	0	0	3	11	34	37	30	19	6
	13	1	1	0	3	6	9	9	6	2	0	0	1	6	18	23	21	12	5
Quarter	1	0	1	2	5	11	12	14	10	9	0	1	3	12	26	29	22	14	7
	2	1	1	2	7	11	13	15	8	5	1	1	3	12	29	31	25	18	7
	3	0	2	5	12	19	19	20	13	7	2	2	6	23	50	51	39	27	9
	4	1	1	3	6	13	15	15	10	4	0	0	3	13	36	37	31	18	8
Year	19/20	1	1	3	8	13	15	16	10	6	1	1	4	15	35	37	29	19	8
Episodes	F/N	8	54	371	907	3,942	4,168	1,582	584	117	8	50	437	1,761	10,216	9,922	3,073	1,318	256

Mean weekly incidence rate per 100,000 Persons.

Acute Sinusitis (ICD10: J01)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	0	1	1	8	11	12	13	6	5	0	4	3	12	27	33	19	14	9
		2	0	1	3	7	13	14	17	8	4	0	2	2	17	34	38	25	18	1
		3	0	0	6	12	20	20	17	11	9	5	3	5	29	61	55	40	23	20
		4	4	1	1	9	15	13	18	11	3	5	0	2	13	35	41	31	20	6
	Year	19/20	1	1	3	9	15	15	16	9	5	2	2	3	18	40	42	29	19	9
Episodes	F/N	1	3	36	108	415	463	203	67	12	2	9	35	206	1,068	1,279	379	159	34	
North West	Quarter	1	0	1	2	6	14	17	21	13	10	0	2	2	15	37	37	29	18	7
		2	2	0	2	9	17	17	19	9	13	0	1	4	15	41	38	29	22	14
		3	0	2	7	17	27	24	25	17	6	0	0	8	30	68	64	47	34	12
		4	2	1	4	7	18	19	16	17	7	0	0	5	17	49	46	37	25	9
	Year	19/20	1	1	4	10	19	19	20	14	9	0	1	5	19	49	46	36	25	11
Episodes	F/N	2	10	93	204	953	999	399	152	30	0	8	106	379	2,373	2,351	723	327	62	
East of England	Quarter	1	0	0	1	6	9	12	2	9	0	0	0	3	16	40	28	30	3	5
		2	0	0	2	14	12	14	9	15	0	0	0	3	15	27	28	32	13	16
		3	0	0	5	16	23	19	21	10	19	0	0	10	28	57	55	51	28	18
		4	0	0	3	6	17	18	9	14	0	0	0	0	17	42	57	42	23	16
	Year	19/20	0	0	3	10	15	16	10	12	4	0	0	4	19	41	42	38	16	14
Episodes	F/N	0	0	9	26	94	107	22	16	2	0	0	11	44	258	273	92	25	10	
Midlands	Quarter	1	3	1	2	4	11	11	13	11	6	0	1	2	10	27	27	23	18	8
		2	0	0	2	7	10	11	11	6	6	3	1	4	11	27	28	26	17	4
		3	0	1	4	10	18	18	22	12	6	0	0	4	20	47	47	33	25	7
		4	0	1	3	5	11	14	13	6	1	0	0	2	11	36	38	27	14	5
	Year	19/20	1	1	3	7	12	14	15	9	5	1	0	3	13	34	35	27	18	6
Episodes	F/N	1	5	46	100	420	505	204	72	13	1	3	46	185	1,143	1,250	401	181	27	
London	Quarter	1	0	1	2	4	9	10	9	6	19	0	2	2	8	17	21	14	11	10
		2	2	1	2	5	7	15	12	9	3	0	1	4	11	20	23	24	11	11
		3	2	3	4	10	12	15	17	7	8	9	5	6	19	31	38	38	29	6
		4	0	2	3	5	9	13	19	8	3	0	1	1	13	24	28	28	14	6
	Year	19/20	1	2	3	6	9	13	14	7	8	2	2	3	13	23	28	26	16	9
Episodes	F/N	2	14	56	114	635	479	112	30	12	4	19	65	263	1,505	907	225	87	21	
South East	Quarter	1	0	1	3	4	9	10	14	9	10	0	1	3	12	27	26	20	9	7
		2	2	1	2	7	10	12	14	8	2	2	0	3	11	26	30	24	18	5
		3	0	2	4	10	18	18	18	14	6	0	1	6	22	50	47	36	26	5
		4	2	1	2	7	12	14	13	10	3	0	0	4	11	39	32	30	14	9
	Year	19/20	1	1	3	7	12	13	15	10	5	0	1	4	14	36	34	27	17	6
Episodes	F/N	2	18	93	232	886	959	361	149	30	1	9	130	467	2,519	2,356	729	302	62	
South West	Quarter	1	0	1	1	7	11	14	12	10	7	0	0	3	14	25	28	24	15	5
		2	0	0	2	6	11	13	13	8	4	0	1	2	12	31	27	19	17	6
		3	0	1	2	13	22	21	19	10	4	0	1	3	19	56	50	35	25	8
		4	0	1	3	6	15	15	18	8	4	0	0	3	12	35	37	31	19	6
	Year	19/20	0	1	2	8	15	16	15	9	5	0	0	3	14	37	36	27	19	6
Episodes	F/N	0	4	38	123	539	656	281	98	18	0	2	44	217	1,350	1,506	524	237	40	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Strep Sore Throat, Scarlatina and Peritonsillar Abscess (ICD10: A38,J020,J36)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	3	10	2	1	1	1	0	0	0	0	11	4	1	1	1	0	0	0
	2	4	13	3	1	1	0	0	0	1	3	8	3	2	1	0	0	0	0
	3	4	12	3	2	1	0	0	0	0	0	10	3	1	1	1	0	0	0
	4	4	5	1	1	1	0	0	0	0	0	4	1	2	1	0	0	0	0
	5	3	5	1	2	1	0	0	0	0	1	3	2	1	1	1	0	0	0
	6	3	12	3	2	1	0	0	0	0	7	9	3	2	1	0	0	0	0
	7	4	13	4	2	1	1	0	0	0	4	13	4	2	1	0	0	0	0
	8	8	24	7	1	1	0	0	0	0	6	22	8	3	1	0	0	0	0
	9	1	17	5	2	1	1	0	0	0	3	17	5	2	1	1	0	1	0
	10	7	33	5	2	1	0	0	0	0	4	26	7	2	1	1	0	0	0
	11	4	35	6	2	1	0	0	0	0	7	32	7	2	1	1	0	0	0
	12	3	17	4	1	0	0	0	0	0	6	15	4	1	1	0	0	0	0
	13	5	1	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0
Quarter	1	3	11	3	1	1	0	0	0	0	1	9	3	1	1	0	0	0	0
	2	3	8	2	2	1	0	0	0	0	3	6	2	2	1	0	0	0	0
	3	5	22	6	1	1	0	0	0	0	4	21	6	2	1	1	0	0	0
	4	4	19	4	1	0	0	0	0	0	5	17	5	1	1	0	0	0	0
Year	19/20	4	15	3	1	1	0	0	0	0	3	13	4	2	1	0	0	0	0
Episodes	F/N	39	719	444	160	227	94	12	10	2	29	606	480	189	273	116	19	6	3

Mean weekly incidence rate per 100,000 Persons.

Strep Sore Throat, Scarletina and Peritonsillar Abscess (ICD10: A38,J020,J36)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	10	3	3	2	1	0	0	0	0	7	4	3	1	1	0	0	0	
		2	4	9	2	3	1	1	0	0	0	0	10	3	1	1	0	0	0	0	
		3	4	26	3	1	1	1	0	1	0	5	23	5	1	2	1	0	0	0	
		4	9	12	3	0	0	0	0	0	0	0	19	8	2	2	1	0	0	0	
	Year	19/20	4	14	3	2	1	1	0	0	0	1	15	5	2	1	1	0	0	0	
	Episodes	F/N	4	69	38	22	26	17	2	1	0	1	67	64	22	37	19	2	1	0	
North West	Quarter	1	2	11	2	1	2	0	0	0	0	11	3	1	1	0	0	0	0		
		2	4	10	3	2	0	1	0	0	0	2	7	3	2	1	0	0	0		
		3	9	40	6	2	1	0	0	0	12	30	9	3	1	1	0	1	1		
		4	9	28	4	1	1	0	0	0	12	26	4	1	1	0	0	0	0		
	Year	19/20	6	22	4	2	1	0	0	0	7	19	5	2	1	0	0	0	0		
	Episodes	F/N	11	195	94	36	50	20	1	2	0	11	153	102	36	54	21	2	3	1	
East of England	Quarter	1	0	3	1	2	1	0	0	0	0	11	0	0	0	0	0	0	0		
		2	0	4	0	3	1	0	0	0	0	15	1	2	0	0	0	0	0		
		3	0	12	7	2	0	0	0	0	0	25	1	4	2	1	0	0	0		
		4	0	11	1	0	0	1	0	0	0	4	1	2	0	0	0	0	0		
	Year	19/20	0	7	2	2	0	0	0	0	0	13	1	2	0	0	0	0	0		
	Episodes	F/N	0	8	7	4	2	1	0	0	0	14	3	4	3	2	0	0	0		
Midlands	Quarter	1	3	12	3	1	1	0	0	0	10	5	1	1	0	0	0	0			
		2	3	7	2	1	0	0	0	0	3	9	2	1	0	0	0	0			
		3	3	14	5	1	1	0	1	0	0	16	5	2	1	1	0	0	1		
		4	0	14	3	1	0	0	0	0	3	16	4	1	0	0	0	0	0		
	Year	19/20	2	12	3	1	1	0	0	0	2	12	4	1	1	0	0	0	0		
	Episodes	F/N	3	75	56	14	22	9	3	1	0	2	75	67	18	17	12	2	0	1	
London	Quarter	1	0	12	2	1	0	1	0	1	0	6	2	1	1	1	0	0	0		
		2	4	8	1	1	1	0	0	0	0	4	2	1	1	0	0	0	0		
		3	2	16	4	2	1	0	0	0	0	16	5	1	1	0	1	0	0		
		4	0	15	3	0	0	0	0	0	0	12	4	0	0	0	0	0	0		
	Year	19/20	2	13	2	1	0	0	0	0	3	10	3	1	1	0	0	0	0		
	Episodes	F/N	3	108	49	20	34	9	0	1	0	6	80	64	15	41	12	4	0	0	
South East	Quarter	1	7	11	3	1	1	0	0	1	4	11	3	2	1	0	0	0	0		
		2	3	4	2	1	1	0	0	0	2	5	1	2	1	0	0	0	0		
		3	5	17	6	1	1	0	0	0	0	15	5	3	1	0	0	0	0		
		4	2	21	3	2	0	0	0	0	7	14	4	1	1	1	0	0	0		
	Year	19/20	4	13	4	1	1	0	0	0	3	11	3	2	1	0	0	0	0		
	Episodes	F/N	10	159	121	38	55	21	3	2	2	7	129	105	61	67	26	4	0	1	
South West	Quarter	1	6	11	4	2	1	1	0	0	0	8	4	2	2	1	0	0	0		
		2	0	12	1	3	1	0	0	0	0	5	1	3	1	0	0	0	0		
		3	10	20	8	1	1	0	0	0	0	29	7	3	2	1	0	0	0		
		4	10	23	5	1	1	0	0	0	3	16	5	1	1	1	0	0	0		
	Year	19/20	6	16	4	2	1	0	0	0	2	14	4	2	1	1	0	0	0		
	Episodes	F/N	8	105	79	26	38	17	3	3	0	2	88	75	33	54	24	5	2	0	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Acute Tonsillitis/Pharyngitis (ICD10: J02-J03)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	77	154	60	50	22	7	3	1	3	61	135	76	97	49	14	6	5	2
	2	85	152	72	47	24	7	4	3	2	57	135	83	100	52	15	5	3	2
	3	107	189	64	45	23	7	5	2	2	72	151	85	98	54	13	4	2	3
	4	73	121	35	43	19	5	4	3	5	53	101	49	93	43	12	7	4	2
	5	78	111	41	47	18	6	4	2	1	53	100	55	99	40	11	4	4	1
	6	112	167	58	51	19	5	4	2	1	87	161	82	96	45	12	4	3	1
	7	112	188	62	49	21	6	4	3	1	88	170	83	109	51	14	6	3	4
	8	131	253	97	57	24	6	3	4	1	109	247	130	114	59	15	6	3	4
	9	104	185	66	58	27	9	6	4	4	90	157	93	109	62	20	7	5	5
	10	109	202	85	64	25	7	4	1	1	94	188	116	111	59	16	5	4	2
	11	114	211	86	58	29	7	3	3	1	86	198	118	119	70	18	7	2	2
	12	54	112	43	34	20	4	2	2	2	36	105	60	77	49	14	5	3	1
	13	12	29	16	16	9	3	1	0	0	13	33	22	35	23	7	3	3	1
Quarter	1	88	162	64	47	23	7	4	2	3	65	138	80	98	52	14	6	3	2
	2	92	142	46	47	19	5	4	2	1	66	130	64	97	44	12	5	4	2
	3	114	209	80	58	25	7	5	3	2	96	190	109	110	58	17	6	4	4
	4	65	125	52	39	20	5	2	2	1	49	121	71	81	48	13	5	3	1
Year	19/20	90	159	60	47	22	6	3	2	2	69	145	81	97	50	14	5	3	2
Episodes	F/N	869	7,613	7,738	5,635	6,361	1,656	345	134	35	627	6,632	9,845	11,288	14,551	3,728	562	228	74

Mean weekly incidence rate per 100,000 Persons.

Acute Tonsillitis/Pharyngitis (ICD10: J02-J03)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	128	192	76	50	26	7	4	2	2	54	151	100	139	63	17	4	4	1
		2	113	151	50	65	24	5	5	1	2	58	164	80	125	52	12	6	5	1
		3	115	214	101	75	29	7	3	3	0	123	207	131	136	73	16	5	5	3
		4	64	135	53	50	23	4	1	2	0	41	114	87	122	63	14	4	1	0
	Year	19/20	105	173	70	60	26	6	3	2	1	68	159	100	131	63	15	5	4	1
	Episodes	F/N	99	824	903	729	716	179	39	14	2	60	720	1,241	1,525	1,701	454	62	32	5
North West	Quarter	1	129	218	78	63	29	9	4	4	6	93	194	104	127	65	18	8	3	2
		2	144	189	60	58	22	6	5	4	0	108	179	91	115	55	14	6	5	1
		3	168	268	100	73	31	10	7	3	0	152	257	145	138	75	23	8	4	4
		4	84	165	67	51	28	6	1	2	0	87	168	105	102	65	17	6	2	1
	Year	19/20	131	210	76	61	27	8	5	3	1	110	200	112	121	65	18	7	4	2
	Episodes	F/N	231	1,829	1,791	1,265	1,362	398	89	36	5	183	1,637	2,451	2,382	3,163	908	142	48	12
East of England	Quarter	1	121	174	49	46	30	10	7	3	9	18	94	68	97	55	14	6	3	5
		2	38	116	30	34	17	3	4	0	0	57	126	46	102	41	5	8	0	5
		3	126	169	67	66	31	5	4	22	9	131	139	76	97	57	18	11	3	0
		4	38	102	38	35	19	4	7	0	8	38	120	65	85	59	9	8	3	0
	Year	19/20	81	140	45	45	24	6	5	6	7	58	119	63	96	53	11	8	2	3
	Episodes	F/N	17	155	143	112	149	38	12	8	3	12	126	192	226	329	74	20	3	2
Midlands	Quarter	1	85	148	64	44	24	5	4	1	3	77	132	82	111	58	16	8	2	3
		2	123	159	53	47	23	6	3	3	0	75	141	68	110	46	13	5	4	4
		3	110	220	82	57	27	8	5	1	6	89	182	113	118	65	16	4	3	5
		4	47	123	53	35	22	4	3	2	1	62	123	65	87	50	12	7	3	2
	Year	19/20	91	162	63	46	24	6	4	2	3	76	144	82	106	54	14	6	3	4
	Episodes	F/N	112	1,012	1,071	695	820	213	52	17	7	88	867	1,319	1,508	1,821	509	86	29	16
London	Quarter	1	75	154	66	31	17	8	4	2	5	58	134	71	61	42	15	6	5	0
		2	67	132	46	37	14	6	3	4	0	41	110	52	63	36	14	6	4	0
		3	95	208	73	36	18	7	6	8	3	104	180	98	66	41	19	10	7	5
		4	55	106	47	24	15	6	5	4	3	33	103	54	47	30	13	7	5	3
	Year	19/20	73	151	58	32	16	7	4	4	3	59	132	69	59	37	15	7	5	2
	Episodes	F/N	142	1,288	1,155	608	1,107	254	34	18	4	108	1,100	1,318	1,220	2,440	504	59	28	5
South East	Quarter	1	76	142	50	43	20	6	3	1	2	68	129	64	79	45	11	4	3	3
		2	71	129	39	38	18	5	4	1	1	80	121	48	83	39	9	4	4	1
		3	119	195	66	51	22	5	4	3	2	69	186	85	99	48	13	5	2	4
		4	70	123	47	34	17	3	1	0	1	54	111	59	65	43	13	4	3	1
	Year	19/20	84	147	51	42	19	5	3	1	2	68	137	64	81	44	12	4	3	2
	Episodes	F/N	197	1,774	1,703	1,380	1,364	343	73	21	9	148	1,580	2,040	2,677	3,096	803	118	57	21
South West	Quarter	1	40	121	61	55	25	4	4	2	0	39	93	73	106	49	10	4	2	1
		2	61	100	38	48	17	6	2	1	4	17	74	58	117	44	10	3	2	1
		3	56	142	72	62	28	8	3	3	0	33	125	104	135	68	14	6	4	4
		4	70	97	45	46	21	5	2	2	1	7	101	65	97	57	11	3	2	2
	Year	19/20	57	115	54	53	23	5	3	2	1	24	98	75	114	54	11	4	2	2
	Episodes	F/N	71	731	972	846	843	231	46	20	5	28	602	1,284	1,750	2,001	476	75	31	13

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Upper Respiratory Tract Infections (ICD10: J00-J06)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	1,026	655	158	82	59	45	49	42	51	870	569	174	166	132	91	80	57	47
	2	884	592	160	83	62	43	46	51	48	805	503	174	166	135	91	69	59	47
	3	886	605	147	81	54	38	40	32	31	733	504	170	155	126	74	50	44	33
	4	673	451	92	74	50	36	38	33	34	580	366	110	146	102	68	61	48	30
	5	965	613	123	84	52	42	41	34	31	868	480	136	171	110	76	56	50	40
	6	1,744	1,077	205	110	67	52	58	58	53	1,495	958	229	203	159	114	86	83	70
	7	1,818	1,161	204	113	74	61	70	64	80	1,586	1,056	229	223	175	131	105	86	79
	8	2,320	1,628	426	140	89	67	74	75	65	2,100	1,557	461	253	222	153	126	100	94
	9	1,697	1,032	286	144	104	93	99	103	117	1,482	976	317	255	249	192	149	144	133
	10	1,638	1,092	280	139	94	78	84	68	80	1,380	988	321	245	216	155	120	99	90
	11	1,643	1,040	259	122	97	69	66	56	48	1,401	978	302	237	229	145	111	75	71
	12	768	471	118	63	56	39	37	32	33	588	451	137	131	137	96	65	51	35
	13	146	85	29	25	22	19	17	14	10	129	80	39	51	56	46	34	25	21
Quarter	1	910	608	152	82	58	42	45	41	44	790	514	169	161	129	85	65	53	42
	2	1,270	795	149	93	59	46	50	45	46	1,092	682	168	181	132	93	73	66	51
	3	1,868	1,241	314	137	92	77	83	81	86	1,654	1,164	348	248	221	162	130	111	105
	4	937	586	150	76	62	45	43	36	33	775	553	176	148	148	101	73	54	46
Year	19/20	1,243	807	191	97	68	52	55	51	52	1,074	728	215	185	158	110	86	71	61
Episodes	F/N	12,050	38,571	24,542	11,500	20,046	14,558	5,481	2,939	1,023	9,769	33,374	26,221	21,591	45,487	29,597	8,997	4,878	2,010



Mean weekly incidence rate per 100,000 Persons.

Upper Respiratory Tract Infections ( ICD10: J00-J06)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	1,283	701	185	93	66	42	48	45	50	872	570	214	218	158	97	71	64	48
		2	1,579	984	176	115	71	52	59	57	43	1,306	825	213	231	165	111	89	76	46
		3	2,211	1,478	383	175	115	88	93	107	114	2,022	1,401	439	329	274	178	154	126	120
		4	1,180	628	151	88	65	46	45	36	31	966	582	189	200	168	109	75	56	55
	Year	19/20	1,555	946	223	118	79	57	61	61	59	1,284	842	263	244	191	124	97	81	67
	Episodes	F/N	1,462	4,508	2,888	1,429	2,199	1,768	772	435	135	1,127	3,818	3,281	2,847	5,170	3,787	1,276	684	252
North West	Quarter	1	1,232	830	186	103	76	54	57	53	68	1,070	701	210	210	169	107	82	65	50
		2	1,814	1,070	182	111	76	56	64	56	71	1,534	930	224	217	175	116	86	83	76
		3	2,295	1,494	392	172	121	94	107	96	117	2,026	1,455	450	314	285	208	158	132	121
		4	1,194	710	179	91	78	53	45	47	34	993	695	226	177	182	117	86	69	43
	Year	19/20	1,635	1,028	236	120	88	64	68	63	73	1,405	949	279	230	203	138	104	88	73
	Episodes	F/N	2,882	8,954	5,534	2,480	4,360	3,383	1,347	694	244	2,341	7,770	6,134	4,536	9,870	6,967	2,113	1,154	430
Midlands	Quarter	1	795	525	137	72	59	40	43	35	35	700	462	159	164	133	82	66	52	32
		2	1,121	697	153	92	62	42	44	43	27	1,003	642	164	186	133	90	65	60	39
		3	1,565	1,086	295	129	93	76	83	63	78	1,453	971	323	234	225	151	113	89	85
		4	807	508	133	62	60	40	39	25	28	689	496	155	148	148	95	62	45	37
	Year	19/20	1,067	702	179	89	68	49	52	42	42	955	641	200	183	160	104	77	62	48
	Episodes	F/N	1,315	4,382	3,051	1,350	2,332	1,821	725	349	112	1,112	3,853	3,217	2,597	5,339	3,718	1,128	604	218
London	Quarter	1	807	654	179	70	50	50	60	61	50	755	542	190	123	109	94	84	77	60
		2	1,137	771	173	83	51	58	69	72	60	956	638	170	140	112	103	107	86	76
		3	1,809	1,365	382	122	77	82	99	99	98	1,645	1,249	393	190	180	177	168	153	156
		4	767	584	181	68	56	55	67	57	61	638	546	183	121	116	109	95	61	86
	Year	19/20	1,129	845	229	86	59	61	74	72	67	1,000	745	235	144	130	121	114	94	95
	Episodes	F/N	2,204	7,228	4,560	1,618	4,044	2,235	574	298	103	1,840	6,209	4,474	2,965	8,478	3,987	980	503	234
South East	Quarter	1	808	492	126	71	51	33	39	32	39	706	451	133	131	113	69	51	42	39
		2	1,068	697	122	81	53	37	41	35	38	1,012	609	136	158	113	79	63	58	44
		3	1,758	1,083	241	114	79	62	67	72	64	1,464	1,023	269	218	191	133	107	96	81
		4	907	573	134	71	55	39	38	32	32	776	520	157	126	140	88	65	47	41
	Year	19/20	1,133	712	156	84	60	43	46	43	43	986	652	174	159	140	93	72	61	51
	Episodes	F/N	2,660	8,582	5,265	2,806	4,267	3,064	1,139	637	243	2,156	7,541	5,560	5,236	9,917	6,443	1,900	1,090	491
South West	Quarter	1	651	483	125	85	55	34	34	36	26	634	370	141	163	116	69	53	41	34
		2	1,014	578	115	85	51	37	36	33	46	772	486	129	190	120	72	53	47	40
		3	1,568	984	243	136	90	69	67	68	77	1,368	907	269	263	220	139	107	97	104
		4	870	479	123	83	61	41	41	32	30	641	464	150	157	152	90	66	50	40
	Year	19/20	1,017	628	151	97	64	45	44	42	45	845	554	172	193	152	92	70	59	54
	Episodes	F/N	1,272	3,996	2,719	1,557	2,366	1,893	805	459	164	979	3,401	2,952	2,962	5,598	3,911	1,360	734	336
East of England	Quarter	1	915	594	107	105	68	50	29	31	69	838	486	147	166	155	88	72	45	32
		2	1,185	871	117	103	61	50	61	47	27	966	667	145	199	142	91	83	59	55
		3	2,034	1,293	295	152	100	92	87	96	76	1,854	1,294	334	244	242	183	159	131	152
		4	814	628	160	62	81	44	38	28	25	606	568	184	154	181	122	94	53	36
	Year	19/20	1,210	834	167	104	77	58	53	49	49	1,037	739	199	189	178	119	100	71	66
	Episodes	F/N	255	921	525	260	478	394	119	67	22	214	782	603	448	1,115	784	240	109	49

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Pertussis (ICD10: A37)

		M									F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
4 weekly	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	1	1	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0
	6	3	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	1	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	10	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quarter	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
	2	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	19/20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
Episodes	F/N	4	17	36	14	37	64	11	7	10	18	38	19	92	63	13	0	0		

Mean weekly incidence rate per 100,000 Persons.

Pertussis (ICD10: A37)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	0	1	0	0	0	0	0	1	0	4	0	0	0	0	0	1	0	0
		2	0	1	0	0	0	0	0	0	0	4	1	2	0	1	0	0	0	0
		3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	0	0	0
	Year	19/20	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
	Episodes	F/N	0	3	3	1	4	5	1	2	0	3	1	5	2	8	4	2	0	0
North West	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
		4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Year	19/20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	2	3	3	2	5	6	1	0	0	0	4	10	4	10	7	3	0	0
East of England	Quarter	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
		2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
		3	0	4	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
		4	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0
	Year	19/20	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	1	2	0	1	5	0	0	0	0	0	0	0	2	2	0	0	0
Midlands	Quarter	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		2	0	1	1	0	0	1	1	0	0	3	1	1	0	1	1	0	0	0
		3	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0
		4	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
	Year	19/20	0	1	0	0	0	1	0	0	0	2	0	0	0	0	1	0	0	0
	Episodes	F/N	0	4	7	3	6	24	6	0	0	2	2	6	4	12	18	2	0	0
London	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	1	3	2	4	3	0	0	0	0	4	2	4	20	2	1	0	0
South East	Quarter	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
		2	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		3	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
		4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Year	19/20	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Episodes	F/N	2	2	15	3	9	10	2	4	0	1	6	9	2	33	19	2	0	0
South West	Quarter	1	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
		2	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		3	0	0	0	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
		4	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Year	19/20	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
	Episodes	F/N	0	3	3	3	8	11	1	1	0	4	1	6	3	7	11	3	0	0

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Infectious Mononucleosis (ICD10: B27)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	0	1	2	0	0	0	0	0	0	0	1	4	0	0	0	0	0
	2	0	0	1	2	0	0	0	0	0	0	0	1	3	0	0	0	0	0
	3	0	1	0	2	0	0	0	0	0	0	0	1	3	0	0	0	0	0
	4	0	0	0	2	0	0	0	0	0	0	0	1	3	1	0	0	0	0
	5	0	0	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0
	6	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0
	7	0	0	0	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0
	8	0	1	0	2	0	0	0	0	0	0	1	1	4	0	0	0	0	0
	9	0	0	0	3	0	0	0	0	0	0	0	1	3	0	0	0	0	0
	10	0	0	0	3	0	0	0	0	0	0	0	1	3	1	0	0	0	0
	11	0	1	1	4	0	0	0	0	0	0	0	1	4	0	0	0	0	0
	12	0	0	0	2	0	0	0	0	0	0	0	1	3	0	0	0	0	0
	13	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Quarter	1	0	0	0	2	0	0	0	0	0	0	1	3	0	0	0	0	0	
	2	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0	0	
	3	0	0	0	3	0	0	0	0	0	0	1	3	0	0	0	0	0	
	4	0	0	0	2	0	0	0	0	0	0	1	3	0	0	0	0	0	
Year	19/20	0	0	0	2	0	0	0	0	0	0	1	3	0	0	0	0	0	
Episodes	F/N	0	10	40	272	83	11	0	1	0	0	4	72	365	106	17	1	0	0

Mean weekly incidence rate per 100,000 Persons.

Infectious Mononucleosis (ICD10: B27)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	0	0	1	0	0	0	0	0	0	0	1	7	0	0	0	0	0	
		2	0	0	0	2	0	0	0	0	0	0	1	0	5	1	0	0	0	0	
		3	0	0	0	3	1	0	0	0	0	0	0	1	4	0	0	0	0	0	
		4	0	0	1	6	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
	Year	19/20	0	0	0	3	0	0	0	0	0	0	0	1	5	0	0	0	0	0	
	Episodes	F/N	0	0	4	36	9	2	0	0	0	0	1	7	53	8	3	0	0	0	
North West	Quarter	1	0	0	0	2	0	0	0	0	0	0	0	0	5	0	0	0	0	0	
		2	0	0	0	3	0	0	0	0	0	0	0	1	2	1	0	0	0	0	
		3	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
		4	0	0	1	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
	Year	19/20	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
	Episodes	F/N	0	1	8	52	16	2	0	0	0	0	1	8	60	19	4	0	0	0	
East of England	Quarter	1	0	0	0	2	1	1	0	0	0	0	0	0	3	0	0	0	0	0	
		2	0	0	0	5	0	0	0	0	0	0	0	1	3	1	0	0	0	0	
		3	0	0	0	2	0	0	0	0	0	0	0	0	9	0	0	0	0	0	
		4	0	0	0	2	0	0	0	0	0	0	0	1	3	0	0	0	0	0	
	Year	19/20	0	0	0	2	0	0	0	0	0	0	0	1	5	0	0	0	0	0	
	Episodes	F/N	0	0	0	6	1	1	0	0	0	0	0	2	11	1	0	0	0	0	
Midlands	Quarter	1	0	1	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	
		2	0	0	0	2	0	0	0	0	0	0	0	1	2	0	0	0	0	0	
		3	0	0	0	1	1	0	0	0	0	0	1	1	3	0	0	0	0	0	
		4	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	0	0	0	
	Year	19/20	0	0	0	2	0	0	0	0	0	0	0	1	3	0	0	0	0	0	
	Episodes	F/N	0	1	5	25	13	0	0	0	0	0	1	10	43	11	0	0	0	0	
London	Quarter	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
		2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
		4	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	Year	19/20	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	Episodes	F/N	0	0	4	21	5	1	0	0	0	0	0	3	17	15	2	0	0	0	
South East	Quarter	1	0	1	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
		2	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	0	0	0	
		3	0	1	0	3	0	0	0	0	0	0	0	1	4	1	0	0	0	0	
		4	0	1	0	3	0	0	0	0	0	0	0	1	3	1	0	0	0	0	
	Year	19/20	0	1	0	3	0	0	0	0	0	0	0	1	4	0	0	0	0	0	
	Episodes	F/N	0	8	10	86	27	4	0	0	0	0	0	20	122	34	6	1	0	0	
South West	Quarter	1	0	0	1	3	0	0	0	0	0	0	0	1	4	1	0	0	0	0	
		2	0	0	0	3	0	0	0	0	0	0	1	1	4	0	0	0	0	0	
		3	0	0	0	4	0	0	0	0	0	0	0	2	5	1	0	0	0	0	
		4	0	0	0	1	1	0	0	0	0	0	0	1	3	0	0	0	0	0	
	Year	19/20	0	0	0	3	0	0	0	0	0	0	0	1	4	0	0	0	0	0	
	Episodes	F/N	0	0	9	46	12	1	0	1	0	0	1	22	59	18	2	0	0	0	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Lower Respiratory Tract Infections (ICD10: J20-J22)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	271	113	21	14	21	46	107	187	279	154	87	19	19	34	65	118	168	292
	2	216	105	19	14	20	45	103	169	299	132	74	16	21	32	65	116	173	258
	3	186	110	17	14	19	41	94	167	287	120	75	15	20	30	54	98	150	255
	4	157	105	13	13	18	40	84	149	243	87	76	12	20	25	49	86	131	204
	5	264	173	22	15	20	42	88	158	292	175	127	17	20	32	57	94	148	233
	6	525	313	38	24	28	62	134	208	393	347	236	29	38	56	95	136	220	332
	7	837	317	42	24	34	73	145	233	428	588	264	34	38	57	108	164	238	407
	8	1,225	440	73	24	36	80	169	266	459	923	389	61	41	71	126	194	270	444
	9	845	224	48	28	43	104	217	370	615	604	199	44	45	78	152	246	365	599
	10	543	197	36	23	34	74	153	243	455	357	168	30	33	53	107	169	247	412
	11	488	180	31	19	29	59	126	203	359	294	155	34	25	54	89	127	194	334
	12	192	88	18	10	17	38	73	117	209	136	68	12	13	30	54	72	102	191
	13	27	10	4	3	8	22	41	81	163	27	10	5	6	13	28	43	65	138
Quarter	1	218	108	18	14	20	44	100	173	284	132	78	16	20	32	61	108	161	265
	2	389	222	28	19	24	52	109	181	329	255	167	22	28	41	75	115	179	281
	3	913	300	52	26	38	86	178	290	512	661	263	45	40	67	128	203	294	483
	4	258	101	19	11	19	42	84	141	253	166	84	18	16	34	60	85	126	232
Year	19/20	442	182	29	17	25	56	118	196	345	301	148	25	26	44	81	128	190	315
Episodes	F/N	4,282	8,720	3,759	2,063	7,468	15,521	11,678	11,320	6,739	2,739	6,792	3,062	3,047	12,572	21,691	13,439	13,079	10,422



Mean weekly incidence rate per 100,000 Persons.

Lower Respiratory Tract Infections (ICD10: J20-J22)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	288	129	22	21	32	65	128	224	365	241	109	24	29	48	89	151	213	330
		2	563	315	33	27	40	71	141	251	415	284	235	36	38	67	113	166	255	350
		3	1,227	435	69	36	55	115	227	367	624	959	390	62	62	109	175	270	383	566
		4	326	123	19	17	26	59	105	175	296	235	104	18	22	49	82	113	166	269
	Year	19/20	593	250	36	25	38	77	150	254	425	424	208	35	38	68	115	175	254	378
	Episodes	F/N	557	1,190	461	305	1,060	2,408	1,888	1,810	965	372	945	431	439	1,835	3,515	2,296	2,156	1,412
North West	Quarter	1	296	157	25	19	30	61	140	230	345	192	111	21	33	46	87	150	210	319
		2	588	313	38	22	35	73	143	221	453	416	239	28	44	62	103	157	233	365
		3	1,144	361	67	37	57	116	234	340	604	822	334	65	61	97	175	274	382	632
		4	370	127	25	12	28	53	104	173	324	243	117	22	18	44	78	110	164	286
	Year	19/20	601	240	39	22	38	76	155	242	433	418	201	34	39	62	111	173	248	402
	Episodes	F/N	1,059	2,093	912	463	1,869	3,979	3,058	2,646	1,456	697	1,649	750	772	3,025	5,638	3,526	3,270	2,364
East of England	Quarter	1	190	79	9	20	17	36	88	152	286	73	72	11	18	22	47	118	154	194
		2	402	211	14	13	23	42	96	161	301	170	141	12	21	43	65	124	157	295
		3	713	252	38	30	39	72	196	264	662	611	213	19	40	66	105	179	294	493
		4	246	106	18	10	17	38	72	105	263	76	83	20	17	34	46	72	108	197
	Year	19/20	375	159	19	18	24	46	111	168	371	218	125	15	24	41	65	122	175	289
	Episodes	F/N	79	176	60	44	148	313	250	228	168	45	132	46	56	254	424	291	270	213
Midlands	Quarter	1	194	90	16	17	24	48	106	173	263	103	70	17	22	41	62	108	159	270
		2	320	176	32	21	27	56	118	171	298	211	141	20	30	49	77	108	190	246
		3	781	280	51	26	41	91	180	292	484	610	251	41	46	74	120	201	292	474
		4	232	69	15	11	17	36	76	129	240	127	54	17	14	33	60	73	109	217
	Year	19/20	378	153	28	19	27	57	120	191	321	259	128	24	28	49	79	122	187	302
	Episodes	F/N	466	956	483	282	925	2,115	1,671	1,594	858	301	771	379	399	1,637	2,831	1,795	1,836	1,359
London	Quarter	1	173	93	17	10	12	35	87	149	244	96	64	16	13	19	50	98	150	270
		2	271	149	23	17	15	41	106	195	290	129	113	20	16	23	57	102	153	236
		3	597	235	45	19	22	64	143	256	376	405	211	38	22	41	96	176	282	400
		4	162	82	17	12	12	35	81	112	177	98	68	15	11	23	43	76	123	207
	Year	19/20	300	140	25	14	15	44	104	178	273	182	114	22	16	27	62	113	178	279
	Episodes	F/N	586	1,199	507	269	1,057	1,611	810	736	417	335	952	429	322	1,743	2,034	973	945	688
South East	Quarter	1	198	93	17	10	16	32	75	146	251	125	68	12	14	25	43	79	125	226
		2	321	207	26	15	19	39	86	158	287	275	160	18	22	33	58	87	133	262
		3	913	278	45	19	33	66	140	257	472	682	230	39	30	56	104	149	228	412
		4	252	100	21	10	19	36	74	128	231	167	87	18	17	33	53	73	108	227
	Year	19/20	420	170	27	14	22	44	94	172	310	310	136	22	21	37	65	97	149	282
	Episodes	F/N	985	2,044	923	449	1,557	3,105	2,314	2,571	1,734	677	1,576	697	686	2,611	4,504	2,584	2,670	2,702
South West	Quarter	1	191	95	16	11	18	35	77	133	262	79	63	11	18	29	48	80	135	241
		2	352	202	19	18	22	41	77	133	269	226	139	16	27	38	52	85	142	228
		3	1,013	272	40	25	35	79	147	246	479	639	229	35	39	61	109	169	242	435
		4	233	103	17	9	18	34	71	128	235	160	73	15	13	32	52	72	100	191
	Year	19/20	440	167	23	16	23	47	93	160	311	269	125	19	24	40	65	101	154	273
	Episodes	F/N	550	1,062	413	251	852	1,990	1,687	1,735	1,141	312	767	330	373	1,467	2,745	1,974	1,932	1,684

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Acute Otitis Media (ICD10: H650-H651,H660,H669)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	16	18	4	0	1	1	1	1	1	16	17	5	1	2	1	1	1	0
	2	26	19	5	1	1	1	1	2	2	21	15	4	2	1	1	1	1	0
	3	22	17	4	1	1	1	1	1	1	13	15	4	2	1	1	1	0	2
	4	9	16	4	1	1	1	1	0	1	13	11	3	2	1	1	1	1	1
	5	8	15	4	1	1	1	1	1	0	6	13	4	2	1	1	0	0	1
	6	32	27	6	1	1	1	1	1	1	28	20	5	2	1	2	1	2	2
	7	29	27	6	2	1	1	1	1	1	17	28	5	2	1	1	1	1	2
	8	39	44	9	1	1	1	1	1	1	26	45	9	2	2	1	1	1	1
	9	35	35	10	2	1	1	1	1	0	16	32	8	3	3	2	1	1	0
	10	25	35	7	1	1	1	1	0	1	13	32	6	2	3	2	1	1	0
	11	20	32	6	1	1	1	1	1	1	22	38	9	2	2	1	1	0	1
	12	10	16	3	1	0	1	0	0	1	12	17	3	1	1	1	0	0	0
	13	1	5	1	0	0	0	0	0	0	4	3	1	0	1	1	0	0	0
Quarter	1	21	18	5	1	1	1	1	1	1	17	16	5	2	1	1	1	1	1
	2	17	19	4	1	1	1	1	1	1	15	17	4	2	1	1	1	1	1
	3	34	37	8	2	1	1	1	1	1	20	36	7	3	3	2	1	1	1
	4	12	20	3	1	1	1	1	0	0	13	21	5	1	1	1	1	0	0
Year	19/20	21	24	5	1	1	1	1	1	1	16	22	5	2	2	1	1	1	1
Episodes	F/N	202	1,129	670	136	242	221	80	44	15	145	1,016	635	207	489	341	97	47	24

Mean weekly incidence rate per 100,000 Persons.

Acute Otitis Media (ICD10: H650-H651,H660,H669)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	45	24	5	0	1	1	2	1	0	27	14	6	2	2	1	1	0	0
		2	17	19	6	1	1	2	1	1	2	4	14	6	3	1	1	0	1	1
		3	44	47	11	2	1	1	0	1	4	14	47	9	3	4	2	2	1	1
		4	17	27	5	0	1	1	1	0	0	0	18	6	3	2	0	0	1	0
	Year	19/20	31	29	7	1	1	1	1	1	1	11	23	7	3	2	1	1	1	1
	Episodes	F/N	29	139	87	10	29	31	10	5	3	10	106	83	32	64	35	13	9	2
North West	Quarter	1	28	24	7	0	1	1	1	2	3	27	24	6	1	2	2	1	1	1
		2	34	30	7	1	1	1	1	1	1	36	23	5	1	2	3	1	1	1
		3	34	50	10	3	2	1	2	2	1	19	43	9	1	3	2	2	1	1
		4	9	27	6	1	1	1	1	0	0	28	28	7	1	1	1	1	0	0
	Year	19/20	26	33	7	1	1	1	1	1	1	28	30	7	1	2	2	1	1	1
	Episodes	F/N	46	285	172	27	57	50	22	13	4	46	242	143	21	92	93	26	10	4
East of England	Quarter	1	17	34	2	2	2	2	0	3	0	18	29	6	0	2	1	2	0	0
		2	19	56	5	6	2	2	4	0	0	0	19	5	2	3	1	0	3	0
		3	42	87	12	2	1	1	2	0	0	44	37	13	6	1	1	0	6	0
		4	19	33	8	0	1	1	3	0	0	0	34	11	0	6	1	3	0	0
	Year	19/20	24	52	7	2	2	1	2	1	0	15	29	9	2	3	1	1	2	0
	Episodes	F/N	5	57	21	6	10	8	5	1	0	3	31	26	4	18	5	3	3	0
Midlands	Quarter	1	26	13	4	1	1	1	1	0	0	7	13	4	2	2	1	1	1	0
		2	19	7	5	1	1	1	0	0	1	7	13	4	2	1	1	1	1	1
		3	23	27	7	2	2	1	0	0	0	21	28	7	2	2	2	1	1	1
		4	16	11	3	1	1	0	1	0	1	3	20	4	1	1	1	0	1	3
	Year	19/20	21	14	5	1	1	1	1	0	1	9	19	5	2	2	1	1	1	1
	Episodes	F/N	26	90	81	21	40	28	8	3	2	11	112	75	26	62	47	13	9	5
London	Quarter	1	8	11	3	1	0	1	1	2	0	13	10	4	2	1	1	1	1	5
		2	8	13	2	1	1	1	1	1	0	9	10	4	2	1	1	1	1	2
		3	12	26	7	1	0	1	2	1	0	13	33	5	2	2	1	1	1	2
		4	8	11	1	1	0	1	1	0	0	9	13	3	0	1	1	0	0	0
	Year	19/20	9	15	4	1	1	1	1	1	0	11	17	4	2	1	1	1	1	2
	Episodes	F/N	18	130	72	18	35	26	6	4	0	20	138	75	31	70	38	8	3	5
South East	Quarter	1	16	17	4	1	1	0	1	1	1	11	17	4	2	1	1	0	0	1
		2	10	21	4	1	0	1	0	0	1	13	17	3	2	1	1	1	1	1
		3	47	37	7	1	1	0	1	1	0	26	31	6	3	3	1	1	0	0
		4	12	21	2	1	0	1	0	1	0	14	17	4	1	1	1	0	0	0
	Year	19/20	21	24	4	1	1	1	1	1	1	16	21	4	2	2	1	1	0	1
	Episodes	F/N	49	289	150	38	47	40	14	9	3	35	238	134	64	113	71	16	6	5
South West	Quarter	1	15	20	5	1	1	1	1	2	1	20	13	5	1	2	2	1	1	1
		2	19	19	4	1	1	1	2	1	1	17	22	6	1	1	1	1	1	0
		3	46	28	8	2	1	1	1	0	0	18	35	8	5	3	2	1	1	1
		4	13	21	3	0	0	0	0	0	1	14	28	4	1	2	1	1	0	0
	Year	19/20	23	22	5	1	1	1	1	1	1	17	24	6	2	2	1	1	1	0
	Episodes	F/N	29	139	87	16	24	38	15	9	3	20	149	99	29	70	52	18	7	3

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4. Vaccine Sensitive Disorders:

Mean weekly incidence rate per 100,000 Persons.

		Measles (ICD10: B05)																	
		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	19/20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Episodes	F/N	6	10	3	1	1	2	0	0	4	11	9	4	2	3	0	0	0	

Mean weekly incidence rate per 100,000 Persons.

Measles (ICD10: B05)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Year	19/20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	2	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
North West	Quarter	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Episodes	F/N	1	3	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	
East of England	Quarter	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Episodes	F/N	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Midlands	Quarter	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		3	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Episodes	F/N	1	3	0	0	0	1	0	0	0	0	2	0	0	1	0	0	0	0	
London	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
	Episodes	F/N	0	1	2	1	0	0	0	0	0	1	3	2	2	1	0	0	0	0	
South East	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
		3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
	Year	19/20	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
	Episodes	F/N	2	0	0	0	0	1	0	0	0	2	2	4	2	0	2	0	0	0	
South West	Quarter	1	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	
		2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
	Episodes	F/N	0	1	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	0	

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Mean weekly incidence rate per 100,000 Persons.

Mumps (ICD10: B26)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	0	0	2	0	0	0	0	0	0	0	0	2	1	0	0	0	0
	2	0	1	0	2	0	0	0	0	0	0	0	0	3	1	0	0	0	0
	3	0	1	0	1	0	0	0	0	0	0	1	0	2	0	0	0	0	0
	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	6	0	0	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	7	0	1	0	2	0	0	0	0	0	0	1	0	2	0	0	0	0	0
	8	0	1	1	3	1	0	0	0	0	0	1	0	3	0	0	0	0	0
	9	0	1	1	3	0	0	0	0	0	0	0	0	3	1	0	0	0	0
	10	0	0	1	5	1	0	0	0	0	0	0	1	5	1	1	0	0	0
	11	0	2	1	4	1	1	0	0	0	0	1	1	5	1	0	0	0	0
	12	0	1	0	4	1	0	0	0	0	0	0	1	4	1	0	0	0	0
	13	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Quarter	1	0	1	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	
	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
	3	0	1	1	3	1	0	0	0	0	0	0	3	1	0	0	0	0	
	4	0	1	1	3	1	0	0	0	0	0	1	3	1	0	0	0	0	
Year	19/20	0	1	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	
Episodes	F/N	0	27	57	283	143	35	2	3	1	0	13	44	286	136	52	4	7	1

Mean weekly incidence rate per 100,000 Persons.

Mumps (ICD10: B26)

				M							F										
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs		
North East and Yorkshire	Quarter	1	0	1	1	3	0	0	0	0	0	0	0	2	1	0	0	0	0	0	
		2	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	0	2	1	5	1	0	0	1	0	0	0	1	5	1	0	0	0	0	0
		4	0	2	1	9	2	1	0	0	0	0	1	1	13	2	1	0	0	0	0
	Year	19/20	0	1	1	5	1	0	0	0	0	0	0	5	1	0	0	0	0	0	
	Episodes	F/N	0	7	10	57	24	6	0	1	0	0	1	5	59	21	9	1	0	0	
North West	Quarter	1	0	1	1	3	1	0	0	0	0	0	0	1	3	1	0	0	0	0	
		2	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		3	0	0	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0
		4	0	0	1	3	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0
	Year	19/20	0	0	0	2	0	0	0	0	0	0	0	2	1	0	0	0	0	0	
	Episodes	F/N	0	2	11	38	18	6	1	0	0	0	1	10	37	28	6	0	1	0	
East of England	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
		2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	0	0	0	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
		4	0	0	0	3	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0
	Year	19/20	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
	Episodes	F/N	0	0	0	3	1	2	0	0	0	0	0	1	1	4	1	0	0	0	
Midlands	Quarter	1	0	1	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	
		2	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
		3	0	0	0	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
		4	0	0	0	2	1	0	0	0	0	0	1	0	2	1	0	0	0	0	0
	Year	19/20	0	0	0	2	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0
	Episodes	F/N	0	1	5	24	18	4	1	1	0	0	3	4	27	17	4	1	1	0	
London	Quarter	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		3	0	1	0	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	0
		4	0	0	0	2	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0
	Year	19/20	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Episodes	F/N	0	5	8	17	24	4	0	1	0	0	4	5	19	23	8	0	1	0	
South East	Quarter	1	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	
		2	0	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
		3	0	1	0	6	1	0	0	0	0	0	0	6	1	0	0	0	0	0	0
		4	0	1	0	3	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0
	Year	19/20	0	1	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
	Episodes	F/N	0	7	10	100	31	6	0	0	1	0	3	9	101	30	17	1	3	1	
South West	Quarter	1	0	0	0	2	0	0	0	0	0	0	1	0	2	0	0	0	0	0	
		2	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
		3	0	1	1	3	1	0	0	0	0	0	0	0	4	0	1	0	0	0	0
		4	0	2	1	4	1	0	0	0	0	0	0	1	4	1	0	0	0	0	0
	Year	19/20	0	1	1	3	1	0	0	0	0	0	0	1	3	0	0	0	0	0	0
	Episodes	F/N	0	5	13	44	27	7	0	0	0	0	1	10	42	13	7	1	1	0	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Rubella (ICD10: B06)

		M									F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
4 weekly	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Episodes	F/N	1	2	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	

Mean weekly incidence rate per 100,000 Persons.

Rubella ( ICD10: B06)

				M								F									
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North West	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East of England	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Midlands	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
London	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
South East	Quarter	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
South West	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Episodes	F/N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

5. Skin Contagions:

Mean weekly incidence rate per 100,000 Persons.

Bullous Dermatoses (ICD10: L10-L14)

		M									F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
4 weekly	1	0	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	2
	2	1	0	0	0	0	0	1	3	3	0	0	0	0	0	0	1	1	3	
	3	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	1	1	1	
	4	0	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	2	1	
	5	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	3	
	6	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	1	3	
	7	0	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	1	2	
	8	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	1	3	
	9	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	2	2	
	10	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	2	
	11	0	0	0	0	0	0	1	1	6	0	0	0	0	0	0	0	1	3	
	12	0	0	0	0	0	0	1	2	4	0	0	0	0	0	0	0	1	2	
	13	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	1	
Quarter	1	0	0	0	0	0	0	1	2	4	0	0	0	0	0	0	1	1	2	
	2	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	2	
	3	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	3	
	4	0	0	0	0	0	0	1	1	4	0	0	0	0	0	0	0	1	2	
Year	19/20	0	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	1	2	
Episodes	F/N	1	3	4	5	12	28	54	85	59	0	4	5	8	23	52	36	74	72	

Mean weekly incidence rate per 100,000 Persons.

Bullous Dermatoses (ICD10: L10-L14)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	1	1
		2	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	2
		3	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	2	1
		4	0	0	0	0	0	0	1	1	5	0	0	0	0	0	0	0	0	1
	Year	19/20	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	1	1
Episodes	F/N	0	0	0	0	2	3	3	7	9	0	0	0	1	2	1	2	7	5	
North West	Quarter	1	2	0	0	0	0	1	3	5	0	0	0	0	0	0	1	1	1	1
		2	0	0	0	0	0	0	1	4	0	0	0	0	0	0	1	1	3	3
		3	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1
		4	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	1	1	1
	Year	19/20	1	0	0	0	0	1	2	3	0	0	0	0	0	0	0	1	2	2
Episodes	F/N	1	1	2	1	2	4	10	17	10	0	1	1	3	5	11	10	13	10	
East of England	Quarter	1	0	0	0	0	0	2	0	9	0	0	0	0	1	1	0	0	5	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
		3	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	6	
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
	Year	19/20	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	4	
Episodes	F/N	0	0	0	0	1	1	0	1	0	0	0	0	1	2	0	1	3		
Midlands	Quarter	1	0	0	0	0	0	1	2	5	0	0	0	0	0	0	0	2	4	
		2	0	0	0	0	0	1	2	4	0	0	0	0	0	0	0	1	2	
		3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	4	
		4	0	0	0	0	0	1	2	6	0	0	0	0	0	0	0	0	0	
	Year	19/20	0	0	0	0	0	1	2	4	0	0	0	0	0	0	0	1	2	
Episodes	F/N	0	0	2	1	4	3	8	17	11	0	0	0	0	3	7	3	9	11	
London	Quarter	1	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	1	0	
		2	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	4	0	
		3	0	0	0	0	0	1	3	3	0	0	0	0	0	0	0	4	0	
		4	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	2	3	
	Year	19/20	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	2	1	
Episodes	F/N	0	0	0	1	2	4	5	6	4	0	1	1	1	2	12	4	13	2	
South East	Quarter	1	0	0	0	0	0	1	0	4	0	0	0	0	0	0	0	1	1	
		2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	3	
		3	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	2	
		4	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	1	2	
	Year	19/20	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	1	2	
Episodes	F/N	0	1	0	2	2	10	16	24	12	0	1	2	3	6	11	3	21	21	
South West	Quarter	1	0	1	0	0	0	1	3	4	0	1	0	0	0	0	1	0	3	
		2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	
		3	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	1	5	
		4	0	0	0	0	0	0	1	5	0	0	0	0	0	0	1	1	4	
	Year	19/20	0	0	0	0	0	1	1	3	0	0	0	0	0	0	1	1	3	
Episodes	F/N	0	1	0	0	0	3	11	14	12	0	1	1	0	4	8	14	10	20	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Chickenpox (ICD10: B01)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	56	72	16	2	1	1	1	0	0	55	67	18	2	2	1	0	1	2
	2	83	76	16	1	1	1	1	1	0	57	64	16	2	1	1	1	1	2
	3	56	67	12	1	1	0	0	1	2	46	61	16	1	1	1	1	1	0
	4	35	38	7	1	1	0	0	2	1	31	30	8	1	1	0	1	1	0
	5	16	24	3	1	1	0	0	1	1	27	27	4	1	1	1	1	1	1
	6	19	30	4	0	0	0	0	1	3	31	28	5	0	1	0	0	0	1
	7	37	37	8	0	1	0	1	2	3	43	36	7	1	1	1	0	1	2
	8	47	46	10	1	1	1	1	0	1	40	38	10	1	1	0	1	1	1
	9	47	43	11	1	1	0	0	1	3	29	44	9	1	1	0	0	1	1
	10	50	48	8	1	1	0	0	0	0	42	50	8	2	1	0	1	0	2
	11	53	66	12	1	1	1	1	2	1	55	60	14	2	1	0	0	1	0
	12	44	50	6	1	1	0	0	0	1	44	55	10	1	1	0	0	0	0
	13	23	12	2	0	0	0	0	0	1	23	9	3	0	0	0	0	0	1
Quarter	1	62	71	14	1	1	1	0	1	1	53	61	16	2	1	1	1	1	1
	2	23	29	4	1	1	0	0	1	2	28	28	5	1	1	0	1	1	1
	3	47	43	10	1	1	0	0	1	2	39	42	9	1	1	0	0	1	2
	4	41	44	7	1	1	0	0	1	1	41	44	9	1	1	0	0	1	0
Year	19/20	44	47	9	1	1	0	0	1	1	40	44	10	1	1	0	0	1	1
Episodes	F/N	422	2,234	1,128	99	227	113	41	45	23	366	2,004	1,201	135	270	133	49	39	30

Mean weekly incidence rate per 100,000 Persons.

Chickenpox (ICD10: B01)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	78	78	11	1	1	1	0	1	2	72	53	11	2	1	1	1	0	0
		2	29	29	3	0	1	0	0	1	0	18	20	3	2	1	1	1	0	1
		3	49	50	10	1	1	0	1	2	0	52	45	6	0	0	1	0	0	1
		4	56	79	6	1	1	1	0	1	0	60	66	10	1	1	0	0	0	0
	Year	19/20	53	59	7	1	1	0	0	1	0	50	46	7	1	1	1	1	0	1
	Episodes	F/N	50	282	96	7	23	14	4	7	1	44	209	93	14	20	21	7	1	2
North West	Quarter	1	84	76	16	1	1	1	0	0	1	56	64	14	1	1	1	0	1	1
		2	29	39	4	1	1	0	0	1	2	26	36	7	1	1	1	0	1	1
		3	34	40	6	0	1	0	0	0	0	46	33	7	1	1	1	0	1	3
		4	44	46	5	1	0	1	0	0	0	47	42	9	1	1	0	0	1	1
	Year	19/20	48	50	8	1	1	0	0	1	1	44	43	9	1	1	1	0	1	1
	Episodes	F/N	84	435	176	15	35	24	7	6	3	73	356	195	17	48	29	7	11	8
East of England	Quarter	1	86	51	7	0	2	1	0	0	0	91	86	15	3	1	1	0	0	5
		2	38	25	0	0	1	0	0	0	0	19	30	1	0	0	1	0	0	0
		3	105	39	1	0	1	2	0	0	0	0	16	13	0	1	0	0	3	0
		4	19	22	4	0	1	1	0	0	0	38	45	4	0	1	0	0	0	5
	Year	19/20	62	34	3	0	1	1	0	0	0	39	45	8	1	1	0	0	1	3
	Episodes	F/N	13	38	10	0	8	5	0	0	0	8	48	25	2	4	3	0	1	2
Midlands	Quarter	1	46	74	9	1	1	1	0	1	0	47	67	16	3	1	1	0	0	2
		2	13	25	3	1	0	0	1	2	1	24	25	7	0	0	0	1	0	0
		3	40	33	6	1	1	0	1	0	1	32	32	9	1	1	0	1	0	3
		4	53	35	4	0	1	0	1	1	1	52	37	6	1	1	0	0	0	0
	Year	19/20	38	42	6	1	1	0	1	1	1	39	40	10	1	1	0	1	0	1
	Episodes	F/N	47	261	97	9	22	16	10	9	3	45	242	155	16	27	9	8	4	5
London	Quarter	1	56	91	31	3	1	1	1	1	0	44	76	34	4	2	0	1	0	0
		2	18	29	8	1	1	0	1	0	0	26	32	7	2	1	0	0	0	0
		3	47	39	21	2	1	1	0	1	5	32	41	15	2	1	0	0	1	0
		4	26	33	13	1	1	0	2	0	3	13	37	15	1	1	0	0	0	0
	Year	19/20	37	48	18	2	1	1	1	0	2	29	46	18	2	1	0	0	0	0
	Episodes	F/N	72	413	365	34	63	20	5	2	3	53	386	340	44	70	11	2	2	0
South East	Quarter	1	57	54	9	1	1	0	1	1	1	57	47	13	1	1	1	1	1	1
		2	24	24	4	0	0	0	0	1	2	36	27	5	0	1	0	1	0	0
		3	52	44	9	1	1	0	0	1	1	35	45	7	1	1	0	1	0	1
		4	43	41	8	0	1	0	0	0	0	50	44	8	1	1	1	0	1	0
	Year	19/20	44	41	7	1	1	0	1	1	1	45	41	8	1	1	0	1	1	1
	Episodes	F/N	103	492	249	20	56	19	13	13	5	98	469	256	26	71	34	16	9	6
South West	Quarter	1	52	62	12	1	0	0	0	0	0	43	62	11	1	1	1	1	1	2
		2	26	31	4	1	0	0	0	1	3	31	24	4	1	1	0	0	1	1
		3	53	53	9	1	1	0	0	0	4	51	61	9	1	1	1	1	1	1
		4	38	50	5	1	1	0	0	1	1	31	44	8	2	1	0	0	1	1
	Year	19/20	42	49	7	1	1	0	0	1	2	39	48	8	1	1	1	0	1	1
	Episodes	F/N	53	313	135	14	20	15	2	8	8	45	294	137	16	30	26	9	11	7

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Herpes Simplex (ICD10: B00)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	3	4	2	3	3	2	2	3	2	6	4	3	10	11	7	4	4	2
	2	0	3	2	3	3	2	2	1	2	4	1	3	10	11	7	4	3	2
	3	1	2	2	3	3	3	2	1	3	1	4	2	9	11	6	4	3	2
	4	0	3	2	2	3	2	2	2	1	1	3	1	8	10	7	4	2	3
	5	0	3	2	3	3	2	1	1	1	6	4	3	10	12	6	3	3	1
	6	3	5	2	3	3	2	2	2	1	6	5	3	10	9	7	5	2	2
	7	12	5	3	3	3	2	2	2	2	4	5	3	10	12	6	5	3	2
	8	4	5	3	2	3	2	2	3	1	1	4	3	10	11	8	3	3	2
	9	1	4	3	2	2	1	1	1	1	1	3	2	9	9	5	3	3	2
	10	7	4	3	3	3	2	2	1	1	3	5	3	10	9	7	4	1	2
	11	3	5	3	2	3	2	3	1	1	0	5	3	9	12	6	4	2	1
	12	1	1	2	2	2	1	1	1	1	3	1	2	6	7	5	3	2	2
	13	0	2	1	1	1	1	1	1	1	1	1	1	5	6	4	2	2	2
Quarter	1	1	3	2	3	3	2	2	1	2	3	3	3	9	11	7	4	3	2
	2	3	4	2	3	3	2	2	2	1	5	4	3	9	11	6	4	2	2
	3	5	4	3	2	3	2	1	2	1	2	4	3	10	10	7	4	2	2
	4	1	3	2	2	2	1	2	1	1	2	2	2	7	8	5	3	2	2
Year	19/20	3	4	2	2	3	2	2	2	1	3	3	2	9	10	6	4	3	2
Episodes	F/N	26	174	280	290	788	522	166	89	28	27	157	295	1,039	2,903	1,637	382	173	62

Mean weekly incidence rate per 100,000 Persons.

Herpes Simplex (ICD10: B00)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	4	5	2	3	4	2	2	1	4	9	8	4	10	13	8	4	4	1
		2	4	2	2	3	3	2	1	1	2	9	4	3	11	16	6	6	2	2
		3	13	3	3	4	3	2	2	1	2	0	4	3	14	14	7	3	3	2
		4	0	5	2	4	2	2	1	1	3	5	4	4	11	13	6	4	1	2
	Year	19/20	5	4	2	3	3	2	2	1	3	6	5	3	12	14	7	4	3	2
	Episodes	F/N	5	18	31	42	86	63	19	7	6	5	22	41	135	373	208	54	22	7
North West	Quarter	1	0	4	2	3	4	3	4	2	4	5	5	3	11	14	7	5	3	0
		2	0	5	3	3	3	2	4	2	0	5	7	4	12	12	6	3	2	1
		3	9	5	5	2	3	3	1	1	2	2	5	5	13	13	6	6	3	1
		4	2	5	2	3	3	2	2	1	0	5	3	2	11	9	5	3	2	3
	Year	19/20	3	5	3	2	3	2	3	2	1	4	5	4	12	12	6	4	3	1
	Episodes	F/N	5	41	72	51	162	124	54	18	5	7	42	77	230	586	304	85	33	6
East of England	Quarter	1	0	0	1	3	4	3	0	3	0	0	0	1	8	11	6	2	3	0
		2	0	7	4	5	3	2	0	0	0	0	4	5	8	16	7	3	0	0
		3	0	4	3	7	2	1	0	0	0	0	8	1	9	11	10	5	3	0
		4	0	0	3	2	2	3	3	0	0	0	0	0	7	11	4	0	5	5
	Year	19/20	0	3	3	4	3	2	1	1	0	0	3	2	8	12	7	3	3	1
	Episodes	F/N	0	3	8	10	18	16	2	1	0	0	3	6	19	76	43	6	4	1
Midlands	Quarter	1	3	1	2	2	3	1	2	1	2	3	3	2	8	9	5	2	5	5
		2	13	6	1	1	2	1	1	1	0	3	5	3	7	9	7	3	2	1
		3	0	6	1	2	2	2	1	1	0	0	3	2	7	9	7	4	1	2
		4	0	4	2	1	2	1	1	0	0	3	1	3	6	6	5	2	3	3
	Year	19/20	4	4	2	2	2	1	1	1	0	3	3	2	7	8	6	2	2	3
	Episodes	F/N	5	27	28	25	70	50	19	8	1	3	18	36	103	271	201	36	24	12
London	Quarter	1	0	4	1	4	3	3	1	1	3	2	5	4	6	8	7	4	5	5
		2	0	5	1	4	2	3	3	0	0	2	4	2	8	8	5	7	4	2
		3	4	4	3	3	2	2	2	3	0	4	7	1	6	8	8	3	1	3
		4	0	1	2	1	2	2	2	1	5	0	3	2	5	7	5	2	2	2
	Year	19/20	1	4	2	3	2	2	2	1	2	2	5	2	6	8	6	4	3	3
	Episodes	F/N	2	31	39	56	156	90	14	5	3	4	39	44	127	498	204	33	16	7
South East	Quarter	1	2	3	2	2	3	2	1	2	1	0	1	2	9	10	6	4	3	1
		2	2	4	1	2	2	2	1	2	3	4	2	2	8	9	5	3	3	3
		3	5	3	2	1	2	1	1	3	1	2	1	1	8	8	6	4	2	2
		4	0	1	3	2	2	1	2	1	0	0	1	1	5	7	4	3	2	0
	Year	19/20	2	3	2	2	2	1	1	2	1	1	1	1	7	8	5	4	2	2
	Episodes	F/N	5	33	67	65	147	105	34	28	7	3	14	47	240	589	370	95	44	17
South West	Quarter	1	0	1	3	3	4	2	1	1	2	7	2	2	14	14	9	5	2	2
		2	3	3	1	3	4	2	1	3	2	10	3	4	13	14	8	4	2	3
		3	3	5	3	3	5	2	2	1	1	0	5	4	13	15	7	3	4	1
		4	6	4	1	1	3	2	1	2	1	0	3	1	8	12	5	2	1	2
	Year	19/20	3	3	2	3	4	2	1	2	2	4	3	3	12	14	7	4	2	2
	Episodes	F/N	4	21	35	41	149	74	24	22	6	5	19	44	185	510	307	73	30	12

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Herpes Zoster (ICD10: B02)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	1	5	3	2	8	12	14	17	0	2	4	4	6	12	14	15	27
	2	0	1	3	3	4	7	11	12	16	0	2	6	6	5	15	17	18	27
	3	0	3	3	2	4	7	13	15	18	1	2	3	4	6	13	16	19	23
	4	1	1	3	3	3	7	11	12	18	0	2	5	3	6	13	16	17	20
	5	1	1	4	4	3	6	14	12	23	3	4	4	5	5	12	19	20	31
	6	1	1	3	3	4	8	15	14	22	0	2	4	4	7	13	19	18	26
	7	0	1	3	4	3	8	12	14	25	0	2	4	3	6	13	17	18	25
	8	0	2	3	3	4	7	12	12	23	0	2	4	3	5	12	16	17	28
	9	0	1	2	2	2	7	12	17	22	0	2	2	4	5	11	16	18	25
	10	0	1	4	3	3	8	12	12	21	0	3	5	5	7	13	17	19	26
	11	0	2	3	4	3	7	13	15	17	1	3	3	5	6	13	16	17	22
	12	0	1	2	2	2	5	9	8	10	0	2	3	3	4	10	12	15	17
	13	0	1	2	2	2	5	7	11	16	0	1	2	3	4	10	12	13	19
Quarter	1	0	2	4	3	3	7	12	14	17	0	2	5	4	6	13	16	17	24
	2	1	1	3	4	4	7	13	12	22	1	3	4	4	6	13	18	18	27
	3	0	2	3	3	3	7	12	14	22	0	2	3	4	5	12	16	18	27
	4	0	1	3	3	3	6	10	12	16	0	2	3	3	5	11	14	15	20
Year	19/20	0	1	3	3	3	7	12	13	19	0	2	4	4	5	12	16	17	24
Episodes	F/N	3	67	395	361	939	1,895	1,166	752	373	4	97	460	459	1,586	3,273	1,669	1,189	810

Mean weekly incidence rate per 100,000 Persons.

Herpes Zoster (ICD10: B02)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	0	8	3	3	8	14	19	34	0	4	4	5	8	16	19	18	26	
		2	8	1	3	5	3	8	12	12	23	4	1	4	8	7	15	20	19	38	
		3	0	2	3	3	3	8	14	18	30	0	3	5	9	5	14	18	17	24	
		4	0	2	4	3	4	6	10	13	26	0	1	5	4	7	15	17	23	39	
	Year	19/20	2	1	4	4	3	8	13	15	28	1	2	4	6	7	15	18	19	32	
	Episodes	F/N	2	5	57	44	92	239	158	110	64	1	9	55	75	177	457	242	163	118	
North West	Quarter	1	0	2	5	4	4	8	12	17	10	0	1	6	6	9	17	16	22	24	
		2	0	2	4	5	3	8	13	14	31	0	4	5	5	7	16	16	23	28	
		3	0	3	4	4	4	6	13	16	24	0	3	5	4	8	15	21	22	34	
		4	0	1	2	3	2	7	12	12	19	0	3	4	4	8	15	16	15	23	
	Year	19/20	0	2	4	4	3	7	13	15	21	0	3	5	5	8	16	17	21	27	
	Episodes	F/N	0	18	84	83	170	388	249	162	71	0	21	107	95	375	794	345	273	161	
East of England	Quarter	1	0	0	0	5	4	8	13	11	26	0	0	10	2	4	10	16	8	26	
		2	0	4	4	6	3	8	16	9	9	0	0	3	3	5	14	20	18	5	
		3	0	4	3	5	6	10	27	22	28	0	0	1	4	8	11	24	17	12	
		4	0	0	1	5	5	6	5	9	17	0	0	7	5	5	10	7	18	26	
	Year	19/20	0	2	2	5	4	8	15	13	20	0	0	5	3	5	11	16	15	18	
	Episodes	F/N	0	2	6	13	27	53	34	17	9	0	0	16	8	34	75	39	23	13	
Midlands	Quarter	1	0	1	2	3	2	8	11	12	12	3	2	5	5	4	11	14	10	20	
		2	0	2	3	4	4	8	11	13	19	3	6	3	4	6	12	17	16	26	
		3	0	2	4	2	3	6	12	12	18	0	1	3	5	5	12	11	13	21	
		4	0	2	2	3	3	5	10	15	10	0	2	3	5	5	10	10	13	19	
	Year	19/20	0	2	3	3	3	7	11	13	15	2	3	3	5	5	11	13	13	22	
	Episodes	F/N	0	11	46	44	107	242	153	105	40	2	16	52	65	174	401	189	129	97	
London	Quarter	1	0	1	2	2	3	5	12	13	8	0	3	2	3	3	10	17	12	22	
		2	0	0	2	2	3	4	13	7	8	0	1	2	3	4	9	14	10	31	
		3	0	0	1	1	3	6	10	16	18	0	1	2	2	4	8	13	19	30	
		4	0	0	2	1	2	5	9	8	21	2	1	1	2	4	7	11	14	13	
	Year	19/20	0	0	2	1	3	5	11	11	14	1	2	2	2	4	8	14	14	24	
	Episodes	F/N	0	4	41	28	182	178	86	45	21	1	14	34	43	246	279	118	73	59	
South East	Quarter	1	2	2	3	2	4	7	13	13	18	0	0	5	4	7	12	15	18	27	
		2	0	2	4	4	4	7	13	14	16	0	2	5	3	6	11	18	16	20	
		3	0	1	3	2	3	7	10	14	12	0	3	4	3	4	11	13	16	23	
		4	0	2	3	3	3	6	8	10	8	0	2	3	4	4	9	13	15	13	
	Year	19/20	0	2	3	3	3	7	11	13	13	0	2	4	3	5	11	15	16	21	
	Episodes	F/N	1	20	103	96	236	474	273	189	74	0	24	130	108	368	747	393	288	199	
South West	Quarter	1	0	2	3	2	4	8	10	11	15	0	3	4	5	5	13	16	21	23	
		2	0	0	4	3	5	8	16	12	33	0	2	5	4	6	12	22	20	31	
		3	0	3	3	4	3	8	11	11	33	0	2	2	5	5	13	19	23	33	
		4	0	0	3	3	2	6	10	12	22	0	2	4	3	6	11	14	12	19	
	Year	19/20	0	1	3	3	3	8	12	11	26	0	2	4	4	6	12	18	19	26	
	Episodes	F/N	0	7	58	53	125	321	213	124	94	0	13	66	65	212	520	343	240	163	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Skin / Subcutaneous Infection (ICD10: L00-L08)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	262	241	128	82	77	84	111	141	195	268	212	144	110	93	93	116	151	218
	2	312	260	141	98	91	100	120	147	217	269	210	151	121	109	108	122	163	230
	3	265	264	149	110	103	116	144	183	216	245	237	168	136	128	137	148	186	258
	4	297	217	133	100	97	111	145	158	185	267	191	140	124	114	126	143	175	234
	5	233	191	126	100	86	100	126	151	197	219	202	152	119	117	116	125	152	229
	6	333	256	129	89	82	90	124	139	186	315	234	137	109	104	103	116	154	223
	7	394	313	129	86	72	84	115	132	187	359	301	136	102	93	91	105	147	208
	8	384	310	132	73	68	81	104	137	182	316	278	137	100	87	86	97	140	211
	9	276	224	106	65	62	66	91	113	168	255	220	109	79	71	72	86	115	203
	10	319	296	133	85	75	81	113	135	196	334	283	143	98	87	84	99	133	222
	11	341	321	128	83	71	76	106	129	178	311	289	148	95	84	78	93	125	205
	12	179	186	68	44	43	49	62	89	133	183	174	74	51	55	54	64	95	159
	13	132	86	47	36	39	45	69	91	147	126	83	52	51	51	51	63	103	191
Quarter	1	284	255	140	98	91	102	129	157	207	265	219	154	123	111	115	131	169	237
	2	304	231	128	94	84	96	127	147	188	273	223	142	114	108	109	122	155	223
	3	333	279	124	75	69	77	104	128	183	315	261	130	93	83	82	95	132	213
	4	224	208	85	56	52	58	81	105	157	214	193	95	68	65	63	75	109	186
Year	19/20	286	243	119	81	74	83	110	134	183	267	224	130	99	92	92	106	141	214
Episodes	F/N	2,775	11,625	15,252	9,565	21,865	23,053	10,868	7,717	3,584	2,425	10,271	15,786	11,588	26,390	24,665	11,126	9,703	7,092



Mean weekly incidence rate per 100,000 Persons.

Skin / Subcutaneous Infection (ICD10: L00-L08)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	346	287	172	111	102	119	140	169	207	371	217	163	138	131	128	147	179	214
		2	407	262	136	111	104	110	141	150	208	315	239	154	132	134	119	139	153	236
		3	377	282	147	90	79	96	113	143	197	326	285	141	108	97	91	91	136	207
		4	275	273	102	67	66	67	89	105	159	257	260	108	89	80	76	83	120	203
	Year	19/20	351	276	139	95	88	98	120	141	192	318	250	142	117	110	103	115	147	215
	Episodes	F/N	330	1,315	1,796	1,150	2,446	3,040	1,516	1,007	437	279	1,135	1,764	1,363	2,977	3,161	1,508	1,245	803
North West	Quarter	1	352	305	152	129	112	124	156	178	290	370	261	181	150	136	132	164	218	299
		2	359	287	152	115	112	120	149	174	245	345	255	172	143	139	129	146	191	269
		3	379	338	135	88	87	90	118	155	237	400	298	159	115	102	98	112	154	270
		4	326	238	99	73	71	75	100	127	183	278	226	108	82	78	77	98	132	223
	Year	19/20	354	292	134	101	95	102	130	158	238	348	260	155	122	113	109	129	173	265
	Episodes	F/N	624	2,541	3,142	2,092	4,738	5,342	2,563	1,727	800	580	2,128	3,399	2,403	5,493	5,494	2,636	2,273	1,554
East of England	Quarter	1	311	198	127	94	88	103	137	203	277	182	230	168	154	111	126	128	209	215
		2	344	190	119	116	81	84	142	131	177	265	244	143	105	109	103	144	150	251
		3	356	284	134	71	72	77	124	143	208	196	188	143	101	88	70	99	137	223
		4	227	157	60	49	47	46	107	94	153	208	147	69	75	63	55	72	113	181
	Year	19/20	308	206	110	83	72	78	127	143	203	213	203	131	109	93	89	111	152	217
	Episodes	F/N	65	227	346	207	447	525	288	194	92	44	215	397	259	583	587	265	235	160
Midlands	Quarter	1	253	262	120	83	95	95	115	147	187	217	199	138	119	114	113	115	160	207
		2	307	224	122	86	87	91	110	119	163	275	221	126	107	114	107	117	135	204
		3	310	247	109	71	67	70	98	99	160	271	232	121	85	80	71	89	105	180
		4	198	172	74	55	52	52	62	90	131	155	174	85	68	60	56	63	98	180
	Year	19/20	266	226	106	74	75	77	96	114	160	229	206	117	94	92	86	96	124	193
	Episodes	F/N	328	1,410	1,804	1,120	2,567	2,829	1,345	949	428	267	1,240	1,889	1,343	3,070	3,077	1,410	1,219	869
London	Quarter	1	271	271	162	106	80	97	127	154	117	231	235	182	114	93	115	128	177	202
		2	245	220	150	99	73	98	128	176	150	225	214	144	101	91	114	130	148	236
		3	297	265	135	83	62	80	116	143	157	301	231	126	91	76	87	103	163	196
		4	144	184	85	60	40	53	85	107	132	161	150	92	59	52	56	78	105	186
	Year	19/20	239	235	133	87	64	82	114	145	139	229	208	136	91	78	93	110	148	205
	Episodes	F/N	466	2,015	2,649	1,633	4,403	2,989	883	598	213	422	1,732	2,597	1,879	5,096	3,070	943	789	506
South East	Quarter	1	260	208	122	79	78	88	116	147	199	207	195	127	102	102	104	120	143	229
		2	291	200	108	75	68	80	111	135	163	242	205	120	96	90	97	109	139	204
		3	322	258	113	59	58	67	89	115	169	288	253	110	73	73	72	90	127	203
		4	192	184	76	44	44	49	74	95	164	226	174	90	57	61	57	67	100	165
	Year	19/20	266	213	104	63	62	71	97	123	174	241	207	112	81	81	82	96	127	200
	Episodes	F/N	624	2,560	3,518	2,104	4,402	5,052	2,398	1,828	970	526	2,390	3,561	2,666	5,758	5,715	2,551	2,276	1,917
South West	Quarter	1	238	236	133	98	97	98	120	147	191	259	206	142	128	109	104	117	149	244
		2	259	218	113	90	83	88	123	146	194	271	216	144	127	107	98	103	160	206
		3	332	287	114	78	74	69	98	123	169	323	291	130	107	84	76	87	121	205
		4	256	239	84	49	56	57	73	107	150	209	221	92	74	71	59	66	104	178
	Year	19/20	270	245	111	79	78	78	103	130	176	265	233	127	109	93	84	93	133	208
	Episodes	F/N	338	1,557	1,997	1,259	2,862	3,276	1,875	1,414	644	307	1,431	2,179	1,675	3,413	3,561	1,813	1,666	1,283

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Scabies (ICD10: B86)

		M										F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs		
4 weekly	1	0	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	2		
	2	3	2	1	3	1	0	1	1	1	0	1	2	3	1	1	1	2	2		
	3	1	2	1	2	1	1	1	2	1	0	2	2	2	1	1	1	1	7		
	4	0	2	1	2	1	1	1	1	2	0	1	1	2	1	1	1	2	0		
	5	4	2	2	2	1	1	1	1	1	0	2	3	2	1	1	1	0	2		
	6	7	2	2	3	1	1	1	0	3	3	2	2	3	1	2	1	1	2		
	7	1	2	2	2	1	1	2	2	4	1	3	2	3	2	1	2	1	1		
	8	1	1	1	2	1	1	1	2	1	1	2	2	3	2	1	0	1	1		
	9	7	3	2	2	1	1	1	1	1	1	3	2	3	1	1	2	1	6		
	10	0	4	3	3	2	1	1	1	2	3	3	3	4	2	1	1	1	4		
	11	4	2	1	3	1	1	1	1	3	1	1	2	3	2	2	1	1	2		
	12	0	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	2		
	13	0	1	1	2	0	1	0	1	1	0	1	1	1	0	1	0	1	1		
Quarter	1	1	2	1	2	1	1	1	1	2	0	1	2	2	1	1	1	1	3		
	2	3	2	2	2	1	1	1	1	2	1	2	2	3	1	1	1	1	1		
	3	3	2	2	2	1	1	1	1	2	2	3	2	3	2	1	1	1	3		
	4	1	2	1	2	1	1	1	1	2	1	1	2	2	1	1	1	1	1		
Year	19/20	2	2	2	2	1	1	1	1	2	1	2	2	3	1	1	1	1	2		
Episodes	F/N	21	93	196	271	319	232	87	65	34	10	85	235	294	405	308	110	74	75		

Mean weekly incidence rate per 100,000 Persons.

Scabies (ICD10: B86)

		M									F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
North East and Yorkshire	Quarter	1	4	2	2	2	2	1	1	0	2	0	4	3	3	2	1	2	1	1
		2	13	4	2	5	1	1	1	1	2	0	3	5	4	2	2	1	1	0
		3	0	4	5	7	1	1	1	1	2	0	3	5	6	3	1	3	0	1
		4	4	0	3	3	2	1	2	2	2	0	1	2	6	2	3	1	1	3
	Year	19/20	5	3	3	4	1	1	1	1	2	0	2	4	5	2	2	2	1	1
	Episodes	F/N	5	12	36	53	39	35	17	7	4	0	11	44	57	67	50	22	7	5
North West	Quarter	1	0	2	2	5	2	1	1	3	5	0	2	4	5	1	1	1	3	12
		2	7	3	3	5	2	1	1	1	5	2	6	5	5	2	2	2	2	3
		3	9	2	3	3	2	1	2	4	5	5	5	4	5	4	2	2	2	14
		4	2	3	3	3	1	1	0	1	2	2	2	3	3	2	1	1	2	1
	Year	19/20	5	2	3	4	2	1	1	2	4	2	4	4	5	2	2	2	2	8
	Episodes	F/N	8	21	68	78	87	65	21	27	14	4	31	94	90	114	93	31	32	45
East of England	Quarter	1	17	0	0	0	1	1	0	0	9	0	4	0	0	1	1	2	0	0
		2	38	0	0	2	0	2	0	0	0	0	0	0	0	1	0	2	0	0
		3	21	4	0	0	1	0	4	0	0	0	0	0	0	1	0	0	3	6
		4	0	0	0	2	0	1	0	0	0	0	0	0	2	0	1	2	3	0
	Year	19/20	19	1	0	1	0	1	1	0	2	0	1	0	0	1	0	1	1	1
	Episodes	F/N	4	1	0	2	3	5	2	0	1	0	1	0	1	5	2	3	2	1
Midlands	Quarter	1	3	4	1	1	1	1	1	2	0	0	0	2	2	2	1	1	0	2
		2	0	3	2	1	1	1	2	0	3	0	2	2	2	1	1	1	2	2
		3	0	3	1	2	1	1	0	0	1	0	3	1	3	1	1	1	1	3
		4	0	1	1	3	0	0	0	2	3	0	1	1	1	1	0	1	2	1
	Year	19/20	1	3	1	2	1	1	1	1	2	0	1	1	2	1	1	1	1	2
	Episodes	F/N	1	17	20	24	33	27	10	10	5	0	8	21	27	41	30	11	12	8
London	Quarter	1	0	0	2	3	1	1	0	3	5	2	1	2	2	1	1	1	3	0
		2	0	1	1	1	1	1	1	1	0	2	2	1	2	1	1	1	1	0
		3	2	2	1	1	1	2	3	3	3	2	4	1	2	1	1	1	1	0
		4	0	4	0	1	1	1	1	0	0	2	0	2	2	1	1	0	0	0
	Year	19/20	1	2	1	2	1	1	1	2	2	2	2	2	2	1	1	1	1	0
	Episodes	F/N	1	17	21	33	71	42	10	7	3	4	16	29	34	75	38	10	7	0
South East	Quarter	1	0	2	1	1	1	1	1	1	0	0	0	0	2	0	1	1	0	1
		2	0	1	1	1	1	1	1	1	1	2	0	1	2	1	1	2	1	1
		3	2	2	1	2	1	1	1	0	1	0	1	1	2	1	1	0	0	1
		4	0	1	1	1	1	1	1	1	2	0	1	1	1	1	1	1	0	2
	Year	19/20	0	1	1	1	1	1	1	1	1	0	1	1	2	1	1	1	0	1
	Episodes	F/N	1	17	28	48	53	42	20	9	5	1	7	29	52	62	54	25	8	11
South West	Quarter	1	0	1	2	2	1	0	1	1	0	0	2	1	2	1	0	0	1	3
		2	0	2	1	2	1	0	0	1	0	0	1	1	2	1	1	0	0	0
		3	0	1	2	1	1	0	1	0	2	4	3	1	3	2	1	1	0	1
		4	3	1	0	3	1	0	0	0	0	0	2	0	2	1	1	0	1	0
	Year	19/20	1	1	1	2	1	0	0	0	1	1	2	1	2	1	1	0	0	1
	Episodes	F/N	1	8	23	33	33	16	7	5	2	1	11	18	33	41	41	8	6	5

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Skin symptoms (ICD10: R20-R23)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	727	339	147	130	93	132	250	327	413	735	323	197	219	179	192	257	316	316
	2	786	324	146	141	111	151	260	380	431	685	314	190	231	189	204	295	354	348
	3	632	335	152	146	110	159	288	379	441	621	334	194	243	205	215	314	373	378
	4	586	256	136	138	105	146	264	376	384	573	243	174	230	183	207	286	339	363
	5	570	244	128	150	97	144	258	342	411	593	260	172	240	177	196	263	320	318
	6	652	252	126	129	95	140	253	342	396	591	258	166	230	181	193	274	325	336
	7	689	311	138	140	96	139	254	335	400	698	310	181	225	172	184	253	307	324
	8	703	293	140	137	87	125	230	333	400	650	313	178	218	160	168	242	284	296
	9	565	253	113	117	72	98	174	239	272	547	253	147	174	126	131	169	210	229
	10	807	328	135	154	91	128	230	315	368	674	330	182	244	173	170	242	283	293
	11	728	345	138	145	86	120	209	289	316	667	344	186	227	154	154	219	249	274
	12	405	217	79	73	45	61	108	148	201	388	219	101	121	87	84	108	137	158
	13	434	161	54	52	34	47	88	127	179	342	152	67	94	73	65	82	119	167
Quarter	1	705	334	148	139	105	149	267	365	428	668	322	194	232	191	206	292	351	349
	2	619	251	132	138	97	141	255	345	395	599	257	172	232	178	194	266	319	336
	3	681	293	129	136	86	121	219	303	355	634	298	170	212	156	160	224	268	279
	4	542	248	93	94	57	79	141	197	242	487	247	122	153	109	106	142	174	205
Year	19/20	636	281	125	127	86	122	220	301	354	597	281	164	207	158	166	230	277	292
Episodes	F/N	6,167	13,437	16,059	15,037	25,441	33,855	21,764	17,371	6,915	5,429	12,873	19,945	24,159	45,566	44,479	24,228	19,054	9,646

Mean weekly incidence rate per 100,000 Persons.

Skin symptoms (ICD10: R20-R23)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	757	373	172	159	110	164	278	351	434	782	344	225	259	224	230	283	378	345
		2	831	308	141	159	104	156	250	366	357	715	270	199	257	199	202	279	326	335
		3	833	337	136	144	95	138	225	340	352	704	325	200	237	180	167	237	279	267
		4	635	278	108	104	62	85	134	216	279	474	301	136	182	130	112	148	183	211
	Year	19/20	764	324	139	141	93	135	221	317	354	670	310	190	233	183	177	236	290	289
	Episodes	F/N	718	1,544	1,797	1,718	2,579	4,211	2,782	2,262	805	588	1,406	2,362	2,724	4,946	5,429	3,101	2,463	1,079
North West	Quarter	1	859	397	162	165	126	175	302	409	482	787	376	220	283	227	238	337	404	398
		2	781	306	157	168	119	160	300	367	459	759	306	207	280	223	221	292	361	387
		3	756	348	148	168	103	134	246	340	378	825	337	192	251	187	186	242	294	323
		4	634	296	104	117	73	90	158	222	237	609	273	134	188	130	126	161	203	236
	Year	19/20	756	336	143	154	105	139	250	333	387	744	322	188	250	191	192	256	313	335
	Episodes	F/N	1,333	2,927	3,340	3,186	5,220	7,307	4,921	3,643	1,300	1,240	2,639	4,120	4,936	9,269	9,707	5,220	4,128	1,965
East of England	Quarter	1	656	280	140	141	105	146	302	381	563	638	385	192	237	180	223	323	421	415
		2	574	222	121	152	102	144	224	397	336	644	285	192	231	174	200	272	369	371
		3	755	264	130	132	106	143	242	334	369	676	307	159	244	179	181	250	299	270
		4	644	212	62	81	56	83	151	222	237	681	199	95	127	102	108	151	228	212
	Year	19/20	655	245	113	127	92	129	230	333	376	659	295	160	209	159	178	249	330	317
	Episodes	F/N	138	270	356	315	573	872	520	452	170	136	312	485	495	991	1,172	596	508	234
Midlands	Quarter	1	605	316	117	123	97	128	215	319	359	587	292	173	209	168	173	256	272	285
		2	510	222	115	123	93	129	214	299	366	507	231	150	220	160	166	221	245	252
		3	607	245	114	123	82	107	185	241	323	546	248	160	197	142	142	193	218	236
		4	430	200	86	82	54	71	130	155	239	434	217	113	141	102	91	120	145	170
	Year	19/20	537	245	108	112	81	109	186	253	321	519	247	149	191	143	143	197	220	236
	Episodes	F/N	661	1,532	1,839	1,712	2,774	4,004	2,598	2,108	859	604	1,485	2,394	2,718	4,770	5,095	2,904	2,156	1,063
London	Quarter	1	720	354	182	144	94	135	216	318	356	655	330	223	236	172	194	259	311	307
		2	576	256	155	146	86	124	214	287	311	538	254	174	229	162	186	244	296	299
		3	698	270	143	138	77	100	167	257	262	617	268	168	210	141	145	206	229	201
		4	487	235	101	90	46	66	120	161	169	469	232	121	147	90	92	133	142	171
	Year	19/20	619	279	145	129	75	106	179	256	275	569	271	172	205	141	154	210	245	244
	Episodes	F/N	1,209	2,386	2,895	2,435	5,208	3,882	1,388	1,056	420	1,047	2,262	3,277	4,235	9,226	5,082	1,805	1,302	602
South East	Quarter	1	638	288	129	121	100	137	261	359	416	623	281	162	195	180	196	280	337	329
		2	531	207	114	113	87	128	242	316	380	516	231	146	194	159	182	266	307	327
		3	591	276	117	116	77	112	213	287	356	532	290	143	174	144	151	215	266	277
		4	534	232	86	87	54	75	130	191	219	469	234	112	128	103	98	137	162	199
	Year	19/20	573	250	111	109	79	113	211	287	341	535	259	140	172	146	156	223	266	282
	Episodes	F/N	1,345	3,016	3,750	3,620	5,651	8,034	5,189	4,276	1,908	1,169	2,994	4,482	5,644	10,310	10,834	5,923	4,787	2,706
South West	Quarter	1	663	306	140	139	116	156	286	392	457	607	316	181	235	196	200	305	367	391
		2	572	244	116	140	103	154	282	399	445	617	255	170	243	187	203	274	349	375
		3	664	296	121	141	94	133	238	325	395	603	332	179	243	157	163	239	289	310
		4	540	261	85	92	60	84	156	207	290	397	253	129	168	117	112	144	186	221
	Year	19/20	610	277	115	128	93	132	240	329	396	557	289	164	222	164	169	240	296	324
	Episodes	F/N	763	1,762	2,082	2,051	3,436	5,545	4,366	3,574	1,453	645	1,775	2,825	3,407	6,054	7,160	4,679	3,710	1,997

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Impetigo (ICD10 : L01)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	9	24	10	3	2	1	1	1	1	13	23	13	7	4	2	1	1	2
	2	16	22	13	4	1	1	1	2	1	11	21	12	7	3	2	2	2	2
	3	16	27	13	4	2	2	1	3	1	13	21	13	7	4	2	2	1	3
	4	25	27	14	3	2	1	2	1	3	14	25	13	5	4	2	2	1	2
	5	19	25	15	5	2	1	1	1	1	7	34	15	7	3	2	2	2	2
	6	20	32	15	4	1	1	1	1	0	14	35	15	7	4	2	1	1	2
	7	21	51	17	4	2	1	1	1	3	28	50	15	7	4	2	2	2	3
	8	26	55	17	4	2	1	1	1	1	21	43	17	6	3	2	2	2	2
	9	20	37	13	3	2	1	1	0	1	13	37	14	6	3	2	1	1	1
	10	20	40	17	4	2	1	1	1	3	22	44	17	6	4	3	2	1	4
	11	15	49	15	5	2	1	1	2	2	19	42	18	7	4	2	2	2	1
	12	19	27	11	3	1	1	1	0	1	8	26	11	4	3	2	1	1	1
	13	11	12	8	2	1	1	1	1	1	9	13	8	4	3	2	1	1	1
Quarter	1	15	25	12	3	2	1	1	2	1	14	22	13	7	4	2	2	1	3
	2	22	32	14	4	2	1	1	1	1	13	34	14	6	4	2	2	2	2
	3	21	46	16	4	2	1	1	1	2	18	41	16	6	3	2	2	2	2
	4	15	30	12	3	1	1	1	1	1	14	29	13	5	3	2	1	1	1
Year	19/20	18	33	14	3	2	1	1	1	1	15	32	14	6	4	2	1	1	2
Episodes	F/N	178	1,579	1,746	414	486	323	101	68	26	134	1,456	1,694	691	1,011	580	154	95	67



Mean weekly incidence rate per 100,000 Persons.

Impetigo (ICD10: L01)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	29	29	16	6	2	2	0	5	0	31	22	14	9	6	3	2	0	1
		2	17	32	17	5	2	1	1	2	2	9	35	16	10	4	2	2	0	6
		3	22	47	20	6	3	2	0	1	0	14	49	21	9	6	3	2	2	2
		4	30	47	16	5	2	2	2	2	3	9	38	14	6	5	2	1	2	2
	Year 19/20	24	38	17	5	2	2	1	2	1	16	36	16	8	5	3	2	1	3	
Episodes	F/N	23	183	223	63	58	57	12	17	3	14	163	205	98	142	79	22	10	11	
North West	Quarter	1	12	29	15	4	2	1	2	0	1	15	27	18	9	5	3	2	3	3
		2	36	37	15	5	2	1	1	2	2	19	37	15	8	3	2	2	2	2
		3	32	58	20	4	2	1	1	1	3	27	57	19	6	4	3	2	1	3
		4	18	36	15	4	2	1	0	1	0	26	35	15	7	5	2	1	1	1
	Year 19/20	24	40	16	4	2	1	1	1	2	22	39	16	8	4	2	2	2	2	
Episodes	F/N	43	349	377	84	98	62	20	12	6	36	319	362	153	204	123	37	20	13	
East of England	Quarter	1	52	7	15	5	1	1	5	6	0	18	22	11	5	7	2	3	3	0
		2	19	21	12	5	0	2	2	0	0	38	37	13	7	6	3	2	5	0
		3	21	32	10	7	3	1	0	3	0	0	25	20	7	4	1	2	0	6
		4	19	15	8	0	0	1	3	0	0	0	4	9	8	3	2	0	3	0
	Year 19/20	28	18	11	4	1	1	3	2	0	15	22	13	7	5	2	2	3	1	
Episodes	F/N	6	20	35	10	5	7	6	3	0	3	23	40	16	32	14	4	4	1	
Midlands	Quarter	1	10	23	12	3	2	2	1	1	2	13	22	11	8	4	2	1	2	4
		2	16	34	14	4	2	1	2	1	1	10	39	14	6	4	2	2	0	0
		3	17	42	14	6	2	2	1	0	0	21	39	13	7	4	2	2	2	4
		4	9	30	12	5	1	1	1	0	3	10	29	13	7	4	2	1	1	1
	Year 19/20	13	32	13	4	2	1	1	1	1	14	32	12	7	4	2	1	1	2	
Episodes	F/N	16	201	217	68	57	49	18	7	4	16	193	200	98	128	69	22	13	10	
London	Quarter	1	10	18	9	2	1	1	1	0	0	4	16	7	2	2	2	2	0	2
		2	16	23	12	2	1	1	1	0	0	15	20	7	3	2	2	0	1	0
		3	12	29	10	1	1	1	1	0	0	19	19	7	3	2	1	0	1	2
		4	2	14	6	1	1	1	1	0	0	7	12	7	2	1	1	0	1	0
	Year 19/20	10	21	9	2	1	1	1	1	0	11	17	7	2	2	2	1	1	1	
Episodes	F/N	20	182	187	32	69	27	7	0	0	21	141	139	50	113	50	5	4	2	
South East	Quarter	1	17	24	9	2	2	1	1	2	2	13	24	12	6	3	2	1	0	3
		2	26	35	12	4	2	1	1	0	1	15	32	14	5	3	2	2	2	2
		3	24	42	16	3	1	1	0	1	2	15	39	16	5	3	2	2	1	2
		4	22	28	10	2	1	1	1	2	1	16	29	13	4	3	2	1	1	1
	Year 19/20	22	32	12	3	2	1	1	1	2	15	31	14	5	3	2	1	1	2	
Episodes	F/N	52	389	395	94	110	70	20	16	9	32	358	440	160	225	151	39	22	19	
South West	Quarter	1	9	30	17	5	2	2	1	2	1	16	22	16	9	5	2	2	2	2
		2	13	28	19	4	3	1	1	1	1	0	49	22	10	5	2	1	2	3
		3	20	65	19	5	3	1	1	0	2	11	53	21	7	5	3	1	2	2
		4	16	39	15	3	1	1	0	2	0	14	45	14	4	3	2	1	1	1
	Year 19/20	14	40	17	4	2	1	1	1	1	10	42	18	8	5	2	1	2	2	
Episodes	F/N	18	255	312	63	89	51	18	13	4	12	259	308	116	167	94	25	22	11	

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)



Mean weekly incidence rate per 100,000 Persons.

Peripheral Neuropathy (ICD10: G50-G64,G70-G72)

		M									F									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	
6.	4 weekly	1	8	1	1	4	14	30	36	45	50	0	1	1	10	26	44	48	58	41
		2	1	1	2	5	16	33	41	44	37	3	1	1	8	30	45	47	60	43
		3	1	0	1	4	17	30	39	44	39	6	1	1	8	27	45	55	61	41
		4	4	1	1	4	16	31	38	50	39	1	1	2	10	27	44	50	61	42
		5	1	1	1	4	16	30	37	46	33	1	1	2	10	28	44	48	63	45
		6	4	1	1	6	18	36	43	49	41	1	1	2	9	30	51	50	62	49
		7	1	1	2	5	17	32	38	43	41	4	1	2	9	27	45	48	51	39
		8	3	0	1	5	16	32	38	54	31	1	0	1	9	30	45	49	62	37
		9	1	1	1	4	14	31	36	37	34	1	1	1	7	22	35	33	47	33
		10	1	1	2	4	17	35	43	41	32	1	2	2	11	30	51	51	61	47
		11	7	1	2	5	16	32	48	48	38	3	1	2	8	28	47	48	57	40
		12	3	1	1	3	10	17	25	26	20	1	0	1	4	17	28	27	32	24
		13	0	1	0	1	10	17	19	21	14	1	1	1	4	15	20	22	24	22
Quarter	1	4	1	1	4	16	31	39	45	41	3	1	1	8	28	45	50	59	41	
	2	2	1	1	5	16	32	38	46	38	2	1	2	10	28	47	49	62	45	
	3	2	0	1	5	16	32	39	44	34	1	1	1	9	27	43	44	55	39	
	4	3	1	1	3	13	23	32	33	25	2	1	2	6	21	33	33	39	29	
Year	19/20	3	1	1	4	15	30	37	42	34	2	1	2	8	26	42	44	53	39	
Episodes	F/N	27	33	153	492	4,435	8,210	3,659	2,425	671	19	43	192	959	7,458	11,230	4,648	3,679	1,276	

Mean weekly incidence rate per 100,000 Persons.

Peripheral Neuropathy (ICD10: G50-G64,G70-G72)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	0	1	2	5	22	41	40	56	32	13	1	1	9	35	53	50	65	39
		2	0	3	1	6	18	39	37	49	35	9	2	3	13	38	45	46	69	43
		3	0	1	2	4	21	39	42	50	35	5	1	2	10	34	50	46	52	31
		4	13	1	1	4	19	27	34	34	24	5	0	1	8	27	36	29	37	25
	Year	19/20	3	1	1	5	20	37	38	47	32	8	1	2	10	33	46	43	56	35
	Episodes	F/N	3	7	17	58	549	1,143	479	335	72	7	4	24	116	898	1,401	563	472	129
North West	Quarter	1	9	1	1	4	18	34	41	47	42	7	2	1	7	30	44	49	60	41
		2	4	3	2	7	18	33	39	46	38	2	1	3	11	29	49	48	53	42
		3	2	0	1	5	19	35	41	48	22	0	2	2	11	29	45	44	54	42
		4	2	0	1	2	16	26	35	34	28	5	0	2	7	23	31	36	49	34
	Year	19/20	5	1	1	4	18	32	39	44	32	4	1	2	9	28	42	45	54	40
	Episodes	F/N	8	8	28	90	891	1,674	766	477	108	6	12	40	179	1,350	2,144	907	708	233
East of England	Quarter	1	0	0	0	2	9	20	47	31	69	0	0	3	6	29	34	45	48	53
		2	0	0	1	5	15	27	32	23	27	0	0	1	2	23	35	46	57	49
		3	0	4	0	5	10	28	39	29	47	0	0	1	9	23	29	44	64	41
		4	0	0	5	3	6	16	14	40	8	0	0	0	2	18	29	41	38	5
	Year	19/20	0	1	2	4	10	23	33	31	38	0	0	1	5	23	32	44	51	37
	Episodes	F/N	0	1	5	9	61	153	74	42	17	0	0	4	11	145	210	105	79	27
Midlands	Quarter	1	7	0	1	3	19	33	32	36	44	0	0	1	8	26	42	45	54	29
		2	0	1	2	2	17	29	32	47	37	0	1	3	12	26	45	48	57	35
		3	7	0	2	5	14	30	35	36	43	4	1	1	11	24	38	41	51	34
		4	3	1	2	2	11	22	28	28	28	0	1	2	7	20	33	30	33	19
	Year	19/20	4	0	2	3	15	28	32	36	38	1	1	2	9	24	39	41	49	29
	Episodes	F/N	5	3	27	43	510	1,048	444	304	102	1	5	28	135	807	1,400	605	478	131
London	Quarter	1	2	0	1	6	11	28	40	40	48	0	0	1	7	23	49	62	61	48
		2	4	0	1	5	13	30	37	52	36	4	0	2	8	22	55	56	63	39
		3	0	0	2	5	11	32	32	46	28	2	0	1	7	24	50	48	59	35
		4	2	0	1	4	9	20	33	27	21	2	1	1	4	16	38	31	27	23
	Year	19/20	2	0	1	5	11	27	35	41	33	2	0	1	6	22	48	49	52	36
	Episodes	F/N	4	4	21	96	755	1,000	275	171	51	4	4	28	133	1,409	1,584	422	279	89
South East	Quarter	1	2	0	1	4	15	28	36	43	34	0	2	2	9	29	41	49	53	41
		2	2	0	1	4	16	30	39	45	35	0	1	1	9	30	44	47	62	46
		3	2	0	1	5	14	29	35	37	32	0	0	1	8	25	39	41	59	43
		4	2	1	1	3	12	21	30	32	15	0	1	2	5	20	31	31	35	31
	Year	19/20	2	0	1	4	14	27	35	39	29	0	1	1	8	26	39	42	52	40
	Episodes	F/N	4	3	34	125	1,012	1,910	866	584	161	0	11	44	261	1,838	2,698	1,108	933	386
South West	Quarter	1	3	1	2	5	17	29	45	48	51	0	1	2	9	28	46	53	67	48
		2	3	1	1	5	21	36	44	48	46	0	2	2	7	29	44	51	68	55
		3	3	1	1	5	19	33	46	55	42	0	1	1	10	31	46	49	53	42
		4	0	1	0	3	14	24	32	38	37	3	1	1	6	23	34	39	45	37
	Year	19/20	2	1	1	4	18	30	42	47	44	1	1	1	8	27	42	48	58	46
	Episodes	F/N	3	7	21	71	657	1,282	755	512	160	1	7	24	124	1,011	1,793	938	730	281

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

Mean weekly incidence rate per 100,000 Persons.

Meningitis and Encephalitis (ICD10: A170 - A171; A 390; A83 - A85; A87; G00 - G05)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	1	1	0	0	0	0	0	0	0	3	0	0	0	1	0	0	1	0
	2	8	1	0	0	0	0	1	1	0	4	0	0	0	0	0	0	0	1
	3	5	0	0	0	0	0	0	0	1	9	0	0	0	0	0	0	0	0
	4	9	0	0	0	0	0	0	1	0	4	0	0	0	0	0	0	1	0
	5	11	0	0	0	0	0	0	1	0	4	1	0	0	0	0	0	0	0
	6	3	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0
	7	11	0	0	1	0	0	0	0	1	3	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0
	9	4	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
	10	4	0	0	1	0	0	1	0	0	3	0	0	1	0	0	0	0	0
	11	4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	12	8	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	13	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Quarter	1	6	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	1	0
	2	8	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0
	3	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
	4	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Year	19/20	6	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Episodes	F/N	54	9	10	34	51	57	20	20	4	30	7	17	38	87	66	20	25	7

Mean weekly incidence rate per 100,000 Persons.

Meningitis and Encephalitis ( ICD10: A170 - A171; A 390; A83 - A85; A87; G00 - G05)

				M									F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	0	1	0	1	0	0	0	1	0	0	1	0	0	1	1	0	0	0	
		2	4	1	1	1	0	0	0	0	2	4	0	0	0	0	0	0	1	0	
		3	0	0	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0	
		4	0	0	0	0	0	0	0	0	0	5	0	0	1	0	0	1	0	0	
	Year	19/20	1	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
	Episodes	F/N	1	2	2	7	3	2	2	1	1	3	1	1	4	10	8	2	4	0	
North West	Quarter	1	5	1	0	0	0	1	0	0	7	0	0	1	1	0	0	1	1		
		2	13	0	0	0	0	0	0	1	0	5	0	0	0	0	0	0	0		
		3	5	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	0		
		4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
	Year	19/20	9	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	0		
	Episodes	F/N	15	3	3	2	8	13	10	2	0	6	0	2	9	17	18	4	5	1	
East of England	Quarter	1	0	0	0	0	0	0	3	0	18	0	0	0	1	0	0	0	0		
		2	0	0	0	0	0	0	0	3	0	0	4	0	0	1	0	0	3		
		3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0		
		4	19	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0		
	Year	19/20	5	0	0	0	0	0	1	0	5	1	0	1	0	0	0	0	1		
	Episodes	F/N	1	0	0	0	0	0	2	0	1	1	0	2	2	0	0	1	0		
Midlands	Quarter	1	10	0	0	0	0	0	0	2	17	0	0	0	0	0	0	0	2		
		2	6	0	0	1	0	0	0	0	3	1	0	0	1	0	1	0	0		
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
	Year	19/20	4	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	1		
	Episodes	F/N	5	0	0	6	9	9	2	0	1	6	2	1	2	10	11	3	0	3	
London	Quarter	1	2	0	0	0	0	0	0	0	2	0	0	1	1	0	1	0	2		
		2	8	0	0	0	0	0	1	1	0	4	1	0	0	0	0	0	0		
		3	2	0	0	1	0	0	1	0	0	6	0	0	0	0	0	0	2		
		4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0		
	Year	19/20	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1		
	Episodes	F/N	6	2	2	5	12	10	2	1	0	6	2	6	5	20	9	3	1	2	
South East	Quarter	1	10	0	0	0	0	0	1	0	4	0	0	0	0	0	0	1	0		
		2	5	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0		
		3	5	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0		
		4	8	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	0		
	Year	19/20	7	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0		
	Episodes	F/N	17	1	2	7	14	17	3	6	1	7	1	3	9	18	13	5	9	0	
South West	Quarter	1	6	0	0	0	0	0	1	0	3	0	0	0	0	0	0	1	0		
		2	10	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0		
		3	3	1	0	0	0	0	0	1	0	0	0	1	0	1	0	1	1		
		4	10	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0		
	Year	19/20	7	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0		
	Episodes	F/N	9	1	1	7	5	6	1	8	1	1	0	4	7	10	7	3	5	1	

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Mean weekly incidence rate per 100,000 Persons.

Musculoskeletal Symptoms (ICD10: R25-R29)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	9	12	5	3	3	8	21	47	86	11	13	3	5	6	12	24	48	96
	2	13	15	5	3	4	10	21	48	99	7	15	5	5	7	14	25	57	99
	3	15	17	6	4	4	11	22	53	89	19	11	3	7	7	15	27	57	101
	4	13	15	3	3	4	9	25	46	84	10	9	3	7	6	15	30	53	104
	5	11	10	4	3	3	9	24	47	104	10	12	4	6	6	14	27	53	88
	6	8	13	6	2	4	10	25	45	80	13	10	4	7	6	12	25	50	87
	7	13	11	5	4	3	10	20	50	89	19	12	4	5	7	12	25	45	92
	8	11	11	3	3	3	8	23	40	104	22	10	4	5	7	11	26	49	103
	9	5	7	4	2	3	6	16	36	92	7	3	3	5	5	10	20	39	78
	10	10	12	4	4	4	10	23	53	121	18	7	4	7	6	12	26	55	129
	11	12	9	5	4	5	9	24	55	122	11	9	4	5	6	11	27	50	125
	12	8	7	2	1	1	6	13	32	94	4	5	1	3	3	7	14	36	90
	13	13	4	1	0	2	4	11	32	84	9	4	1	1	3	5	11	32	83
Quarter	1	12	15	5	3	4	9	22	50	92	12	13	4	6	7	14	25	54	99
	2	10	13	5	3	4	9	24	46	87	11	10	4	7	7	13	27	51	92
	3	10	9	4	3	3	8	20	43	105	17	8	4	5	6	11	24	46	100
	4	11	7	3	2	3	6	17	41	99	9	6	2	3	4	8	18	41	101
Year	19/20	11	11	4	3	3	8	21	45	96	12	9	3	5	6	11	23	48	98
Episodes	F/N	106	527	522	334	958	2,275	2,044	2,579	1,877	111	425	390	616	1,697	3,073	2,465	3,299	3,241



Mean weekly incidence rate per 100,000 Persons.

Musculoskeletal Symptoms (ICD10: R25-R29)

				M								F								
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs
North East and Yorkshire	Quarter	1	8	18	5	4	4	11	23	60	108	4	13	4	3	6	13	25	61	113
		2	21	9	4	2	4	10	23	57	92	4	17	2	7	8	16	28	59	102
		3	22	8	5	3	5	9	21	46	109	28	4	3	3	8	12	29	58	105
		4	17	7	3	1	4	7	15	50	98	5	10	1	3	5	9	22	55	116
	Year	19/20	17	10	4	3	4	9	20	53	102	10	11	2	4	7	13	26	58	109
	Episodes	F/N	16	49	55	31	119	289	256	379	231	9	49	30	47	185	388	338	494	408
North West	Quarter	1	12	17	5	3	5	11	26	53	90	17	16	5	6	8	18	32	60	94
		2	7	15	4	4	5	11	26	50	84	14	10	4	7	7	16	31	48	74
		3	11	11	5	3	4	9	20	54	100	12	10	4	6	7	14	29	49	93
		4	11	7	4	3	3	8	20	38	100	12	8	2	4	5	9	21	41	105
	Year	19/20	10	12	4	3	4	10	23	49	93	14	11	4	6	7	14	28	49	92
	Episodes	F/N	18	108	101	70	203	506	454	532	314	23	89	87	115	319	719	569	648	538
East of England	Quarter	1	0	20	2	3	4	7	24	29	69	0	14	5	11	5	12	27	43	47
		2	19	11	4	5	2	9	37	50	44	19	7	5	7	6	12	35	46	104
		3	21	20	3	5	3	7	25	45	57	22	16	7	13	8	10	42	39	88
		4	19	15	3	5	3	7	10	31	59	0	15	4	5	2	13	18	40	88
	Year	19/20	14	16	3	4	3	7	24	38	57	10	13	5	9	5	12	30	42	81
	Episodes	F/N	3	18	9	11	18	50	54	26	2	14	16	21	33	77	72	65	60	
Midlands	Quarter	1	7	8	4	3	4	9	20	52	62	10	11	4	6	5	11	21	41	85
		2	6	11	6	3	4	9	20	34	81	14	13	6	6	7	12	24	51	83
		3	17	6	6	3	2	8	19	37	85	18	7	4	5	7	10	22	38	87
		4	6	4	3	1	3	6	17	39	75	10	7	1	2	4	8	16	35	87
	Year	19/20	9	7	5	3	3	8	19	40	76	13	9	4	5	6	10	21	41	86
	Episodes	F/N	11	46	80	39	108	292	260	337	203	15	57	58	68	195	372	303	406	386
London	Quarter	1	8	16	5	3	3	11	27	47	157	9	12	3	5	6	17	36	62	139
		2	4	13	6	3	3	9	35	49	104	6	9	4	7	7	16	33	54	129
		3	2	11	4	3	3	8	24	58	149	9	4	4	3	4	14	32	63	123
		4	4	9	2	2	2	7	21	53	130	13	3	2	3	4	10	20	44	115
	Year	19/20	5	12	4	3	3	9	27	52	135	9	7	3	5	5	14	30	56	126
	Episodes	F/N	9	104	87	50	204	313	206	214	206	17	59	56	95	344	460	261	297	311
South East	Quarter	1	21	13	5	3	3	8	18	42	88	7	9	3	5	7	11	20	48	81
		2	17	11	3	2	3	7	20	35	84	16	9	4	5	5	10	24	41	86
		3	7	8	2	3	3	6	17	33	78	22	10	3	6	5	8	19	36	89
		4	13	7	2	1	2	5	14	34	85	4	4	2	3	4	6	15	34	86
	Year	19/20	14	10	3	2	3	7	17	36	84	12	8	3	4	5	9	19	40	86
	Episodes	F/N	34	119	110	79	202	474	423	533	469	27	93	91	146	373	613	517	710	822
South West	Quarter	1	15	18	5	4	3	10	22	53	89	30	18	4	11	8	12	22	63	125
		2	6	15	4	3	3	10	24	56	95	7	9	3	10	7	12	23	60	100
		3	10	11	5	3	2	8	24	43	150	15	9	3	7	8	10	21	47	121
		4	16	9	3	3	3	5	16	45	133	10	6	3	4	5	8	17	47	118
	Year	19/20	12	13	4	3	3	8	22	49	117	16	10	3	8	7	10	21	54	116
	Episodes	F/N	15	83	80	54	104	351	391	532	428	18	64	52	124	248	444	405	679	716

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7. Genitourinary System Disorders:

Mean weekly incidence rate per 100,000 Persons.

Urinary Tract Infections (ICD10: N30,N390)

		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	19	5	3	2	3	10	25	64	120	28	27	17	48	42	39	71	105	149
	2	20	8	3	4	5	10	28	60	149	24	31	20	51	44	44	67	115	163
	3	22	4	4	3	4	12	31	69	130	29	30	18	46	45	46	77	114	160
	4	27	4	3	3	5	13	33	62	142	37	27	15	53	48	43	74	126	154
	5	23	5	3	2	5	11	30	56	149	29	28	18	57	46	46	71	115	149
	6	16	4	3	2	5	12	34	63	152	30	32	21	54	50	50	73	116	148
	7	27	7	3	3	4	11	32	56	125	23	26	20	59	47	44	70	110	148
	8	28	8	2	2	4	9	27	55	130	16	26	20	50	43	43	64	101	135
	9	22	5	2	2	4	9	25	56	122	19	23	16	48	41	40	60	99	130
	10	18	4	2	2	3	8	24	46	76	18	21	17	41	36	34	54	77	130
	11	7	3	1	2	2	6	17	40	67	11	19	13	33	30	28	42	66	89
	12	9	3	1	1	2	5	13	26	49	8	12	7	20	19	20	28	46	65
	13	17	3	1	2	2	4	9	29	43	13	9	7	15	17	17	23	38	65
Quarter	1	22	5	3	3	4	11	29	64	132	27	29	18	48	44	43	71	112	158
	2	23	5	3	3	5	12	32	59	147	31	28	18	55	48	46	72	119	149
	3	24	6	2	2	4	9	26	55	115	19	25	19	50	42	41	63	96	135
	4	10	3	1	1	2	5	14	32	54	10	14	9	24	23	22	32	52	76
Year	19/20	19	5	2	2	4	9	25	52	112	22	24	16	44	39	38	59	94	129
Episodes	F/N	188	231	306	277	1,077	2,555	2,505	3,019	2,180	199	1,094	1,950	5,167	11,232	10,168	6,251	6,475	4,278

Mean weekly incidence rate per 100,000 Persons.

Urinary Tract Infections (ICD10: N30,N390)

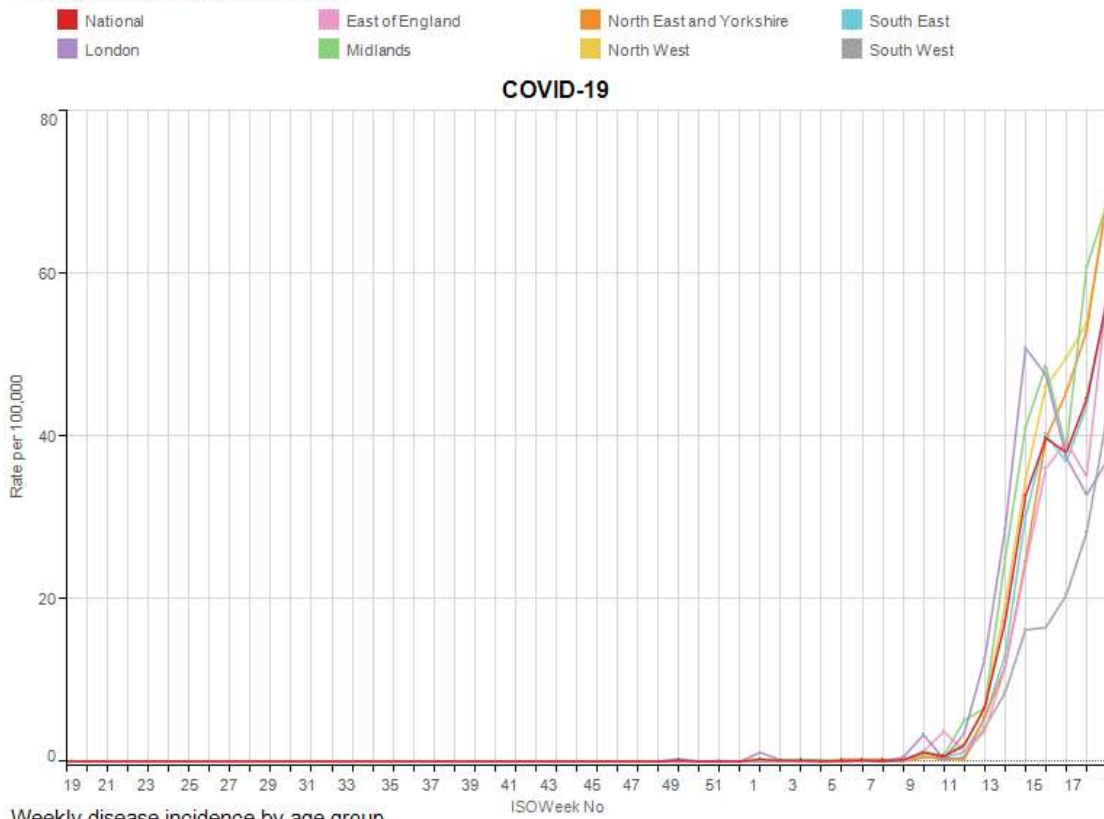
				M								F									
				<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
North East and Yorkshire	Quarter	1	29	5	3	4	4	12	28	63	122	31	44	20	47	40	39	61	105	141	
		2	8	6	4	2	4	4	12	36	57	156	49	21	19	62	45	35	62	117	117
		3	35	8	3	1	4	10	24	53	91	24	23	22	54	40	36	55	86	125	
		4	4	2	1	2	3	5	14	29	45	18	19	8	25	23	19	26	42	71	
	Year	19/20	19	5	3	2	4	10	25	50	103	31	27	17	47	37	32	51	87	113	
Episodes	F/N	18	24	38	28	102	297	320	359	234	27	122	216	548	996	975	667	737	423		
North West	Quarter	1	23	7	3	4	4	14	40	79	153	34	35	21	62	56	45	76	130	193	
		2	18	6	5	4	5	13	41	56	165	41	32	21	67	59	59	78	140	191	
		3	25	8	2	3	4	11	26	61	135	14	35	22	57	54	50	70	112	165	
		4	9	4	2	2	3	6	16	40	75	14	19	13	28	32	31	40	61	99	
	Year	19/20	19	6	3	3	4	11	31	59	131	26	31	19	53	50	46	66	110	161	
Episodes	F/N	33	56	70	65	195	581	607	644	442	43	250	424	1,052	2,426	2,346	1,344	1,451	948		
East of England	Quarter	1	35	0	0	5	3	6	20	31	35	18	14	8	41	36	25	58	83	53	
		2	38	4	2	0	1	8	23	44	53	19	11	5	40	36	35	55	75	60	
		3	0	4	1	7	3	3	19	32	161	44	4	11	24	28	34	53	56	88	
		4	0	0	0	2	1	4	3	34	25	19	8	7	17	13	14	26	58	57	
	Year	19/20	19	2	1	3	2	5	16	35	66	24	9	8	30	28	27	48	68	64	
Episodes	F/N	4	2	3	8	14	35	37	48	30	5	10	23	72	178	177	114	105	47		
Midlands	Quarter	1	23	6	2	2	5	10	25	55	103	27	19	17	44	44	41	66	111	148	
		2	23	5	2	2	6	10	32	55	112	24	23	17	52	45	40	64	101	140	
		3	13	6	2	2	4	9	28	55	91	18	18	17	47	39	41	63	92	132	
		4	16	1	0	2	2	5	13	22	43	3	7	8	21	19	21	28	50	66	
	Year	19/20	19	4	2	2	4	9	25	47	87	18	17	14	41	37	36	55	88	121	
Episodes	F/N	23	27	28	29	144	318	344	388	233	21	101	233	578	1,231	1,273	812	867	547		
London	Quarter	1	12	5	5	3	5	12	38	79	186	24	24	20	41	42	51	73	120	185	
		2	30	4	3	3	4	14	35	84	163	15	26	19	46	48	49	78	123	146	
		3	33	1	3	2	4	9	34	52	126	15	18	18	41	39	37	65	99	151	
		4	12	2	1	2	2	4	15	32	45	4	9	6	18	19	19	34	42	65	
	Year	19/20	22	3	3	2	4	10	31	62	130	15	19	16	36	37	39	63	96	137	
Episodes	F/N	43	28	62	45	253	359	237	255	199	27	161	300	749	2,416	1,291	537	511	337		
South East	Quarter	1	24	5	3	2	3	11	24	56	131	24	27	18	49	41	43	79	105	149	
		2	24	3	3	3	5	11	28	59	148	36	27	18	50	43	45	76	110	149	
		3	16	8	2	2	3	8	25	56	123	26	25	17	48	38	40	62	89	134	
		4	12	4	1	1	3	6	13	30	59	13	13	8	25	22	21	32	48	79	
	Year	19/20	19	5	2	2	3	9	23	50	115	25	23	15	42	36	37	62	87	127	
Episodes	F/N	44	61	72	64	243	633	556	745	642	54	266	480	1,398	2,550	2,575	1,647	1,571	1,221		
South West	Quarter	1	19	6	2	4	4	8	24	68	134	23	35	16	47	43	40	67	109	160	
		2	22	6	2	2	5	9	25	60	151	27	39	18	65	47	47	71	127	147	
		3	27	6	2	2	3	9	25	53	107	15	30	20	63	44	39	64	102	115	
		4	6	4	1	1	2	5	15	33	45	10	16	11	26	22	20	30	58	68	
	Year	19/20	18	5	2	2	3	8	22	53	109	19	30	16	50	39	36	58	99	122	
Episodes	F/N	23	33	33	38	126	332	404	580	400	22	184	274	770	1,435	1,531	1,130	1,233	755		

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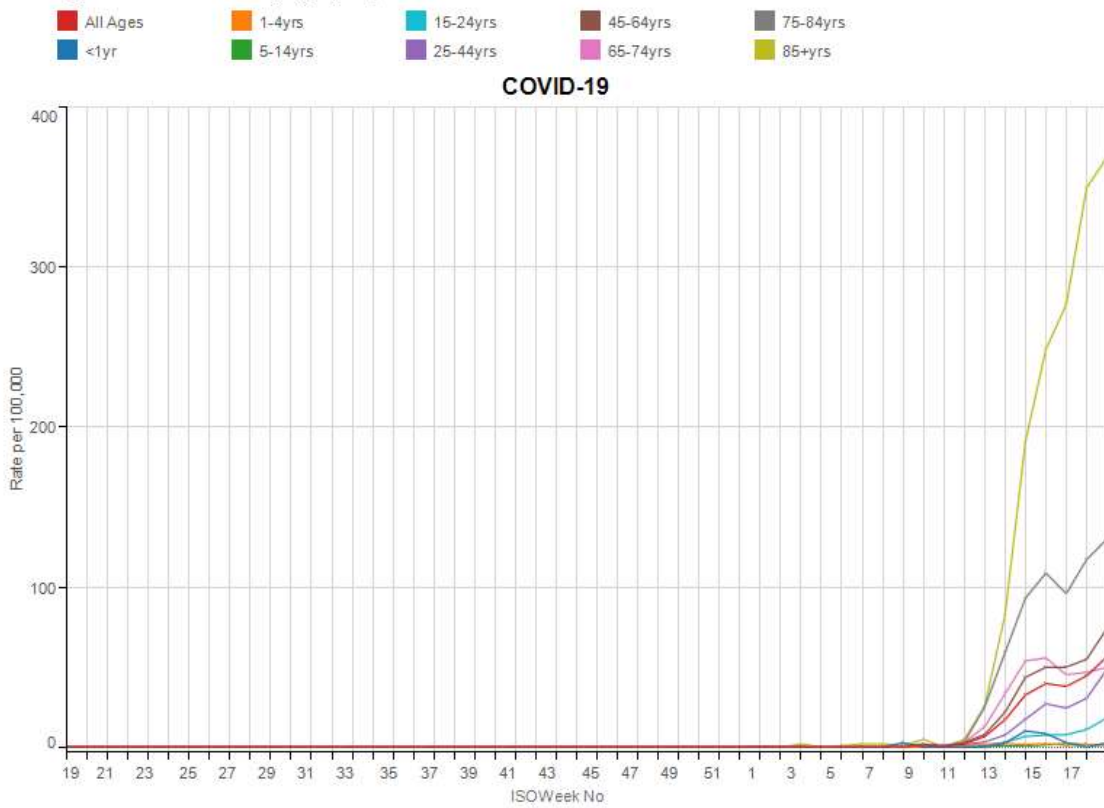
## **Appendix E**

COVID-19 incidence, disparities in presentation, and data tables for the first wave of infection during the period of this report

Weekly disease incidence by region

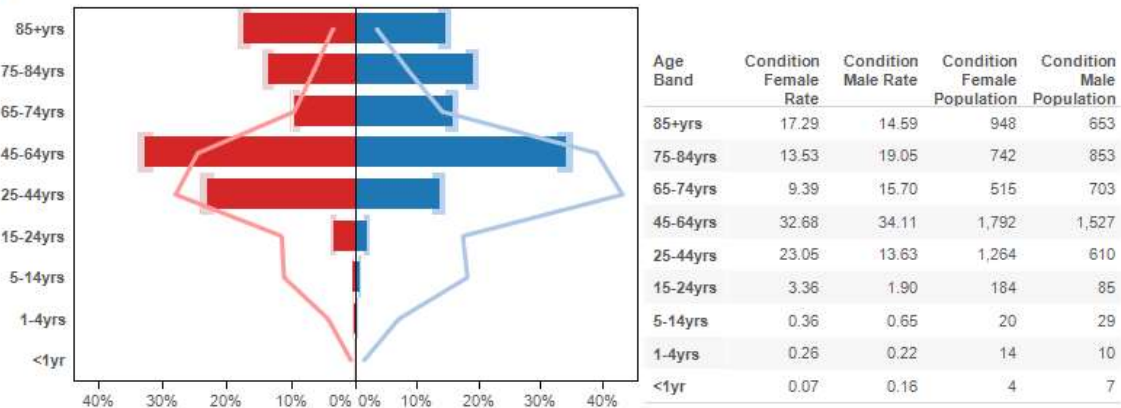


Weekly disease incidence by age group

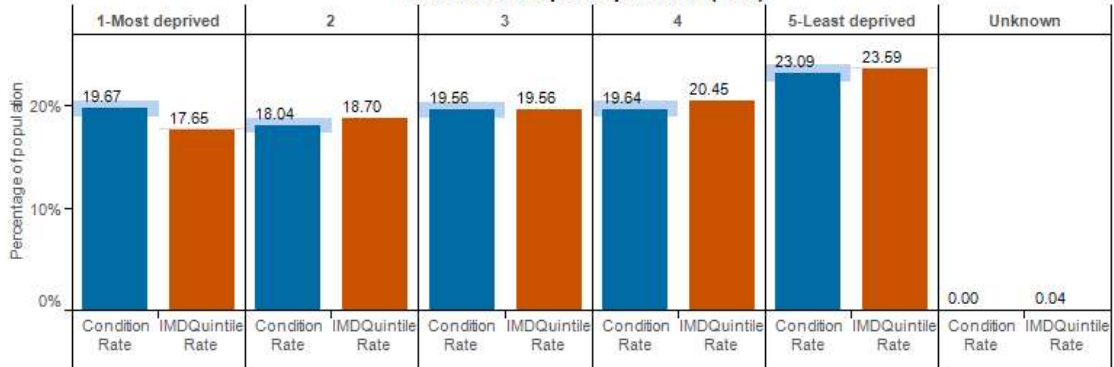


## COVID-19

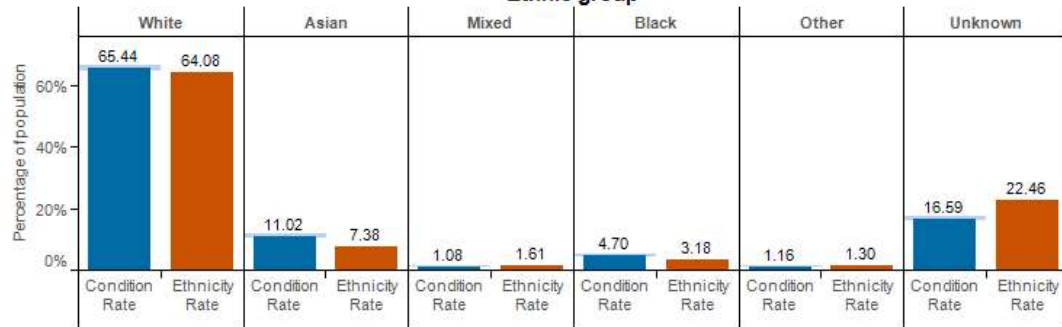
### Age-sex profile



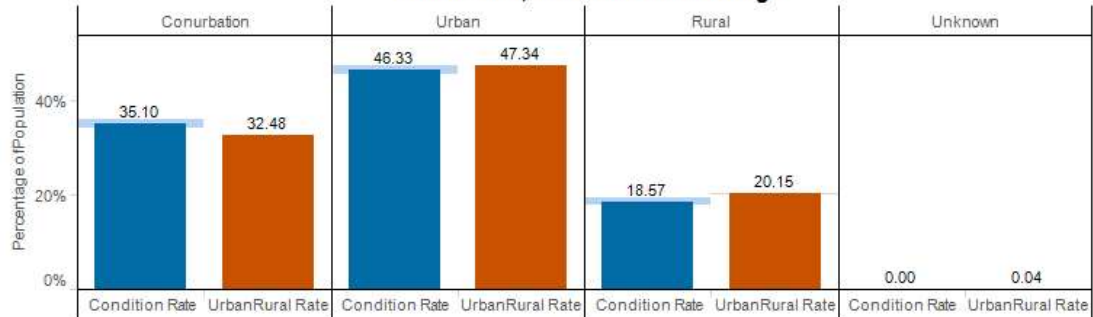
### Index of Multiple Deprivation (IMD)



### Ethnic group



### Conurbation, Urban and Rural Living



Mean weekly incidence rate per 100,000 Persons.

		COVID-19																	
		M									F								
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs
4 weekly	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	1	0	0	1	0	1	1	1	2	0	0	0	0	1	1	0	1	2
	12	5	1	1	3	1	2	6	10	23	1	2	0	1	2	2	4	8	17
	13	3	1	1	2	2	3	6	12	33	4	2	2	3	3	3	5	10	25
Episodes	F/N	7	10	29	85	610	1,527	703	853	653	4	14	20	184	1,264	1,792	515	742	948
Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	4	3	1	1	2	2	2	5	10	28	2	1	1	2	2	3	4	9	21
Year	19/20	1	0	0	1	1	2	3	7	17	0	0	0	1	2	2	3	5	14



Mean weekly incidence rate per 100,000 Persons.

COVID-19

		F										M									
		<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs	<1yr	1-4yrs	5-14yrs	15-24yrs	25-44yrs	45-64yrs	65-74yrs	75-84yrs	85+yrs		
North East and Yorkshire	Episodes	F/N	0	3	3	24	123	180	56	103	138	2	0	0	9	61	153	74	114	83	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
		4	0	3	1	4	3	3	5	10	27	9	0	0	2	2	3	5	12	33	
Year	19/20	0	1	0	2	2	2	3	6	18	2	0	0	1	1	2	3	8	20		
North West	Episodes	F/N	2	0	3	54	244	425	117	140	201	0	1	4	15	96	351	170	161	136	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		4	5	0	1	3	2	3	4	8	20	0	0	1	2	1	2	5	9	31	
Year	19/20	1	0	0	2	2	2	3	5	14	0	0	0	1	1	2	3	6	20		
East of England	Episodes	F/N	0	3	0	7	25	37	19	19	19	0	0	2	3	25	27	17	17	5	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	11	0	11	7	8	17	26	54	0	0	3	4	8	8	16	25	39	
Year	19/20	0	3	0	3	3	4	7	10	21	0	0	1	1	3	3	6	10	11		
Midlands	Episodes	F/N	0	6	1	20	180	266	89	144	178	4	1	10	5	70	207	112	140	124	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	4	0	3	3	3	5	11	26	13	1	2	1	2	3	6	11	35	
Year	19/20	0	1	0	1	2	2	3	7	18	3	0	1	0	1	2	4	7	22		
London	Episodes	F/N	1	1	5	16	213	288	76	90	96	1	3	7	18	137	324	145	130	61	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		4	2	0	1	2	2	4	9	17	40	2	1	1	2	1	4	12	24	47	
Year	19/20	1	0	0	1	1	3	5	10	23	1	0	0	1	1	3	8	15	25		
South East	Episodes	F/N	1	1	7	50	373	444	108	173	247	0	4	5	25	163	335	126	211	191	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		4	2	0	1	2	2	2	3	6	16	0	1	0	1	1	2	4	8	23	
Year	19/20	0	0	0	1	2	2	2	4	11	0	0	0	1	1	1	2	6	15		
South West	Episodes	F/N	0	0	1	13	106	152	50	73	69	0	1	1	10	58	130	59	80	53	
	Quarter	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		4	0	0	0	2	2	2	3	7	14	0	1	0	2	2	2	4	7	19	
Year	19/20	0	0	0	1	2	2	2	4	7	0	0	0	1	1	1	2	4	10		

Oxford-Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC)

## Appendix F

Publications 2019/2020 according to themes classifications

## Cardiovascular and Diabetes theme:

This year we have carried out several studies using RCGP RSC data and published reports in the area of cardiovascular diseases and Diabetes. In one study, we explored how physicians would prescribe Sodium-glucose co transporter 2 inhibitors (SGLT2) in people with type 2 Diabetes, based on their renal function and history of heart failure. Other studies include disparities in glycaemic control and diabetes-related monitoring, cardiovascular risk factors in early rheumatoid arthritis and risk of asthma in patients on treatment for type 2-diabetes. The list of publications are below:

1. Hinton W, Feher M, Munro N, de Lusignan S. Does Renal Function or Heart Failure Diagnosis Affect Primary Care Prescribing for Sodium-Glucose Co-Transporter 2 Inhibitors in Type 2 Diabetes?. *Diabetes Therapy*. 2020 Sep;11(9):2169-75. URL: <https://link.springer.com/article/10.1007/s13300-020-00878-y>
2. Hinton W, Feher M, Munro N, Joy M, de Lusignan S. Sodium–glucose co-transporter-2 inhibitor cardiovascular outcome trials and generalizability to English primary care. *Diabetic Medicine*. 2020 Mar 3. URL: <https://pubmed.ncbi.nlm.nih.gov/32128875/>
3. Whyte MB, Hinton W, McGovern A, van Vlymen J, Ferreira F, Calderara S, Mount J, Munro N, de Lusignan S. Disparities in glycaemic control, monitoring, and treatment of type 2 diabetes in England: A retrospective cohort analysis. *PLoS Med*. 2019 Oct 7;16(10):e1002942. doi: 10.1371/journal.pmed.1002942. PMID: 31589609; PMCID: PMC6779242. URL: <https://pubmed.ncbi.nlm.nih.gov/31589609/>
4. Rayner LH, McGovern A, Sherlock J, Gatenby P, Correa A, Creagh-Brown B, deLusignan S. The impact of therapy on the risk of asthma in type 2 diabetes. *Clin Respir J*. 2019 May;13(5):299-305. doi: 10.1111/crj.13011. Epub 2019 Apr 2. PMID: 30815978. URL: <https://pubmed.ncbi.nlm.nih.gov/30815978/>
5. de Lusignan S, Hinton W, Konstantara E, Munro N, Whyte M, Mount J, Feher M. Intensification to injectable therapy in type 2 diabetes: mixed methods study (protocol). *BMC Health Serv Res*. 2019 May 3;19(1):284. doi: 10.1186/s12913-019-4112-3. PMID: 31053136; PMCID: PMC6499968. URL: <https://pubmed.ncbi.nlm.nih.gov/31053136/>
6. Nikiphorou E, de Lusignan S, Mallen CD, Khavandi K, Bedarida G, Buckley CD, Galloway J, Raza K. Cardiovascular risk factors and outcomes in early rheumatoid arthritis: a population-based study. *Heart*. 2020 Oct;106(20):1566-1572. doi: 10.1136/heartjnl-2019-316193. Epub 2020 Mar 24. PMID: 32209618. URL: <https://pubmed.ncbi.nlm.nih.gov/32209618/>
7. Hinton W, Feher MD, Munro N, de Lusignan S. How Generalizable Are Cardiovascular Outcome Trials of Sodium-Glucose Co-Transporter-2 Inhibitors? A National Database Study: Study Protocol. *Diabetes Ther*. 2019 Jun;10(3):1163-1170. doi: 10.1007/s13300-019-0620-8. Epub 2019 Apr 30. PMID: 31041781; PMCID: PMC6531500. URL: <https://pubmed.ncbi.nlm.nih.gov/31041781/>
8. Hinton W, Feher M, Munro N, Walker M, de Lusignan S. Real-world prevalence of the inclusion criteria for the LEADER trial: Data from a national general practice network. *Diabetes Obes Metab*. 2019 Jul;21(7):1661-1667. doi: 10.1111/dom.13710. Epub 2019 Apr 11. PMID: 30900349; PMCID: PMC6619442. URL: <https://pubmed.ncbi.nlm.nih.gov/30900349>

### **Cancer theme:**

This year we have carried out cancer related studies including exploring whether prior antibiotic prescription has any impact on the development of colorectal cancer. Additionally, we have investigated approaches by which primary care data can support Randomised Control Studies (RCTs). The published reports on these are below:

1. Armstrong D, Dregan A, Ashworth M, White P, McGee C, de Lusignan S. The association between colorectal cancer and prior antibiotic prescriptions: case control study. *Br J Cancer*. 2020 Mar;122(6):912-917. doi: 10.1038/s41416-019-0701-5. Epub 2020 Jan 13. PMID: 31929515; PMCID: PMC7078217. URL: <https://pubmed.ncbi.nlm.nih.gov/31929515/>
2. Lemanska A, Byford RC, Cruickshank C, Dearnaley DP, Ferreira F, Griffin C, Hall E, Hinton W, de Lusignan S, Sherlock J, Faithfull S. Linkage of the CHHiP randomised controlled trial with primary care data: a study investigating ways of supplementing cancer trials and improving evidence-based practice. *BMC Med Res Methodol*. 2020 Jul 25;20(1):198. doi: 10.1186/s12874-020-01078-9. PMID: 32711460; PMCID: PMC7382082. URL: <https://pubmed.ncbi.nlm.nih.gov/32711460/>

### **Surveillance & Acute pathways theme:**

We report on publications from our surveillance activities throughout the year. These include influenza surveillance, vaccine effectiveness studies, serological and virological surveillance, respiratory diseases and vaccine adverse events of interest. Additionally, we have published protocols and manuscripts on the extension of our surveillance activities to include COVID-19, on the newly set up analytics hub- the Oxford Royal College of GPs Clinical Informatics Digital Hub (ORCHID), which was created to manage our extended network. Since the beginning of COVID-19, we have published reports on the groups of patients, which were more likely to test positive for COVID-19, on the shift from face-to-face consultation to remote consultation in GP Practices and on the excess mortality from COVID-19 infection during the first wave of the pandemic. The publications are below.

1. de Lusignan S, Lopez Bernal J, Zambon M, Akinyemi O, Amirthalingam G, Andrews N, Borrow R, Byford R, Charlett A, Dabrera G, Ellis J, Elliot AJ, Feher M, Ferreira F, Krajenbrink E, Leach J, Linley E, Liyanage H, Okusi C, Ramsay M, Smith G, Sherlock J, Thomas N, Tripathy M, Williams J, Howsam G, Joy M, Hobbs R. Emergence of a Novel Coronavirus (COVID-19): Protocol for Extending Surveillance Used by the Royal College of General Practitioners Research and Surveillance Centre and Public Health England. *JMIR Public Health Surveill*. 2020 Apr 2;6(2):e18606. doi: 10.2196/18606. PMID: 32240095; PMCID: PMC7124955. URL: <https://pubmed.ncbi.nlm.nih.gov/32240095/>
2. de Lusignan S, Jones N, Dorward J, Byford R, Liyanage H, Briggs J, Ferreira F, Akinyemi O, Amirthalingam G, Bates C, Lopez Bernal J, Dabrera G, Eavis A, Elliot AJ, Feher M, Krajenbrink E, Hoang U, Howsam G, Leach J, Okusi C, Nicholson B, Nieri P, Sherlock J, Smith G, Thomas M, Thomas N, Tripathy M, Victor W, Williams J, Wood I, Zambon M, Parry J, O'Hanlon S, Joy M, Butler C, Marshall M, Hobbs FDR. The Oxford Royal College of General Practitioners Clinical Informatics Digital Hub: Protocol to Develop Extended COVID-19 Surveillance and Trial Platforms. *JMIR Public Health Surveill*. 2020 Jul 2;6(3):e19773. doi: 10.2196/19773. PMID: 32484782; PMCID: PMC7333793. URL: <https://pubmed.ncbi.nlm.nih.gov/32484782/>
3. de Lusignan S, Dorward J, Correa A, Jones N, Akinyemi O, Amirthalingam G, Andrews N, Byford R, Dabrera G, Elliot A, Ellis J, Ferreira F, Lopez Bernal J, Okusi C, Ramsay M, Sherlock J, Smith

- G, Williams J, Howsam G, Zambon M, Joy M, Hobbs FDR. Risk factors for SARS-CoV-2 among patients in the Oxford Royal College of General Practitioners Research and Surveillance Centre primary care network: a cross-sectional study. *Lancet Infect Dis.* 2020 Sep;20(9):1034-1042. doi: 10.1016/S1473-3099(20)30371-6. Epub 2020 May 15. PMID: 32422204; PMCID: PMC7228715. URL: <https://pubmed.ncbi.nlm.nih.gov/32422204>
4. Joy M, Hobbs FDR, McGagh D, Akinyemi O, de Lusignan S. Excess mortality from COVID-19 in an English sentinel network population. *The Lancet Infectious diseases.* 2020;0(0). doi:10.1016/S1473-3099(20)30632-0 PMID: 32763192 URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7402647/>
  5. Joy M, McGagh D, Jones N, Liyanage H, Sherlock J, Parimalanathan V, Akinyemi O, van Vlymen J, Howsam G, Marshall M, Hobbs FR, de Lusignan S. Reorganisation of primary care for older adults during COVID-19: a cross-sectional database study in the UK. *Br J Gen Pract.* 2020 Jul 30;70(697):e540-e547. doi: 10.3399/bjgp20X710933. PMID: 32661009; PMCID: PMC7363277. URL: <https://pubmed.ncbi.nlm.nih.gov/32661009/>
  6. de Lusignan S, Borrow R, Tripathy M, Linley E, Zambon M, Hoschler K, Ferreira F, Andrews N, Yonova I, Hriskova M, Rafi I, Pebody R. Serological surveillance of influenza in an English sentinel network: pilot study protocol. *BMJ Open.* 2019 Mar 8;9(3):e024285. doi: 10.1136/bmjopen-2018-024285. PMID: 30852535; PMCID: PMC6429844.
  7. de Lusignan S, Williams J. To monitor the COVID-19 pandemic we need better quality primary care data. *BJGP Open.* 2020;4(2):bjgpopen20X101070. doi:10.3399/bjgpopen20x101070 PMID: 32295793 URL: <https://pubmed.ncbi.nlm.nih.gov/32295793/>
  8. Liyanage H, Akinyemi O, Pathirannahelage S, Joy M, de Lusignan S. Near real time feedback of seasonal influenza vaccination and virological sampling: Dashboard utilisation in a primary care sentinel network. *Studies in Health Technology and Informatics.* 2020;270:1339-1340. doi:10.3233/SHTI200431. PMID: 32570648 URL: <https://pubmed.ncbi.nlm.nih.gov/32570648/>
  9. de Lusignan S, Hoang U, Liyanage H, Yonova I, Ferreira F, Diez-Domingo J, Clark T. Feasibility of Point-of-Care Testing for Influenza Within a National Primary Care Sentinel Surveillance Network in England: Protocol for a Mixed Methods Study. *JMIR Res Protoc.* 2019 Nov 11;8(11):e14186. doi: 10.2196/14186. PMID: 31710303; PMCID: PMC6878097. URL: <https://pubmed.ncbi.nlm.nih.gov/31710303/>
  10. de Lusignan S, Hoang U, Liyanage H, et al. Integrating molecular point-of-care testing for influenza into primary care: a mixed-methods feasibility study. *British Journal of General Practice.* 2020;70(697):bjgp20X710897. doi:10.3399/bjgp20X710897 PMID: 32661013 URL: <https://pubmed.ncbi.nlm.nih.gov/32661013/>
  11. Pebody RG, Whitaker H, Ellis J, Andrews N, Marques DFP, Cottrell S, Reynolds AJ, Gunson R, Thompson C, Galiano M, Lackenby A, Robertson C, O'Doherty MG, Owens K, Yonova I, Shepherd SJ, Moore C, Johnston J, Donati M, McMenamin J, Lusignan S, Zambon M. End of season influenza vaccine effectiveness in primary care in adults and children in the United Kingdom in 2018/19. *Vaccine.* 2020 Jan 16;38(3):489-497. doi: 10.1016/j.vaccine.2019.10.071. Epub 2019 Nov 1. PMID: 31685296. URL: <https://pubmed.ncbi.nlm.nih.gov/31685296/>
  12. Hill EM, Petrou S, de Lusignan S, Yonova I, Keeling MJ. Seasonal influenza: Modelling approaches to capture immunity propagation. *PLoS Comput Biol.* 2019 Oct 28;15(10):e1007096. doi: 10.1371/journal.pcbi.1007096. PMID: 31658250; PMCID: PMC6837557. URL: <https://pubmed.ncbi.nlm.nih.gov/31658250/>
  13. McIntyre KM, Bolton FJ, Christley RM, Cleary P, Deja E, Durie AE, Diggle PJ, Hughes DA, de Lusignan S, Orton L, Radford AD, Elliot AJ, Smith GE, Snape DA, Stanistreet D, Vivancos R, Winstanley C, O'Brien SJ. A Fully Integrated Real-Time Detection, Diagnosis, and Control of

- Community Diarrheal Disease Clusters and Outbreaks (the INTEGRATE Project): Protocol for an Enhanced Surveillance System. *JMIR Res Protoc.* 2019 Sep 26;8(9):e13941. doi: 10.2196/13941. PMID: 31573952; PMCID: PMC6787530. URL: <https://pubmed.ncbi.nlm.nih.gov/31658250/>
14. Birrell PJ, Zhang XS, Corbella A, van Leeuwen E, Panagiotopoulos N, Hoschler K, Elliot AJ, McGee M, Lusignan S, Presanis AM, Baguelin M, Zambon M, Charlett A, Pebody RG, Angelis D. Forecasting the 2017/2018 seasonal influenza epidemic in England using multiple dynamic transmission models: a case study. *BMC Public Health.* 2020 Apr 15;20(1):486. doi: 10.1186/s12889-020-8455-9. PMID: 32293372; PMCID: PMC7158152. URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7158152/>
  15. de Lusignan S, Damaso S, Ferreira F, Byford R, McGee C, Pathirannehelage S, Shende V, Yonova I, Schmidt A, Schuind A, Dos Santos G. Brand-specific enhanced safety surveillance of GSK's Fluarix Tetra seasonal influenza vaccine in England: 2017/2018 season. *Hum Vaccin Immunother.* 2020 Aug 2;16(8):1762-1771. doi: 10.1080/21645515.2019.1705112. Epub 2020 Mar 2. PMID: 32118513; PMCID: PMC7482908. URL: <https://pubmed.ncbi.nlm.nih.gov/32118513/>
  16. Smith S, Morbey R, de Lusignan S, Pebody RG, Smith GE, Elliot AJ. Investigating regional variation of respiratory infections in a general practice syndromic surveillance system. *J Public Health (Oxf).* 2020 Feb 2;fdaa014. doi: 10.1093/pubmed/fdaa014. Epub ahead of print. PMID: 32009178. URL: <https://pubmed.ncbi.nlm.nih.gov/32009178/>
  17. Cross JW, Joy M, McGee C, Akinyemi O, Gatenby P, de Lusignan S. Adverse events of interest vary by influenza vaccine type and brand: Sentinel network study of eight seasons (2010-2018). *Vaccine.* 2020 May 8;38(22):3869-3880. doi: 10.1016/j.vaccine.2020.03.034. Epub 2020 Apr 13. PMID: 32299719. URL: <https://pubmed.ncbi.nlm.nih.gov/32299719/>
  18. de Lusignan S, Damaso S, Ferreira F, Byford R, McGee C, Pathirannehelage S, Shende V, Yonova I, Schmidt A, Schuind A, Dos Santos G. Brand-specific enhanced safety surveillance of GSK's Fluarix Tetra seasonal influenza vaccine in England: 2017/2018 season. *Hum Vaccin Immunother.* 2020 Aug 2;16(8):1762-1771. doi: 10.1080/21645515.2019.1705112. Epub 2020 Mar 2. PMID: 32118513; PMCID: PMC7482908. URL: <https://pubmed.ncbi.nlm.nih.gov/32118513/>
  19. Nikiphorou E, de Lusignan S, Mallen C, Khavandi K, Roberts J, Buckley CD, Galloway J, Raza K. Haematological abnormalities in new-onset rheumatoid arthritis and risk of common infections: a population-based study. *Rheumatology (Oxford).* 2020 May 1;59(5):997-1005. doi: 10.1093/rheumatology/kez344. PMID: 31501866. URL: <https://pubmed.ncbi.nlm.nih.gov/32118513/>
  20. de Lusignan S, Correa A, Dos Santos G, Meyer N, Haguinet F, Webb R, McGee C, Byford R, Yonova I, Pathirannehelage S, Ferreira FM, Jones S. Enhanced Safety Surveillance of Influenza Vaccines in General Practice, Winter 2015-16: Feasibility Study. *JMIR Public Health Surveill.* 2019 Nov 14;5(4):e12016. doi: 10.2196/12016. PMID: 31724955; PMCID: PMC6913774. URL: <https://pubmed.ncbi.nlm.nih.gov/31724955>
  21. de Lusignan S, Sherlock J, Ferreira F, O'Brien S, Joy M. Household presentation of acute gastroenteritis in a primary care sentinel network: retrospective database studies. *BMC Public Health.* 2020 Apr 5;20(1):445. doi: 10.1186/s12889-020-08525-8. PMID: 32248812; PMCID: PMC7132989. URL: <https://pubmed.ncbi.nlm.nih.gov/32248812>
  22. de Lusignan S, Carlyon T, Lalvani A. Removing the handle of the Broad Street pump: measures to slow the spread of covid-19 in primary care teams. *BMJ.* 2020 May 12;369:m1841. doi: 10.1136/bmj.m1841. PMID: 32398238. URL: <https://pubmed.ncbi.nlm.nih.gov/32398238>



23. Liyanage H, Williams J, Byford R, Pathirannehelage S, de Lusignan S. Near-Real Time Monitoring of Vaccine Uptake of Pregnant Women in a Primary Care Sentinel Network: Ontological Case Definition Across Heterogeneous Data Sources. *Stud Health Technol Inform.* 2019 Aug 21;264:1855-1856. doi: 10.3233/SHTI190682. PMID: 31438377. URL: <https://pubmed.ncbi.nlm.nih.gov/31438377>
24. Bundle N, Verlander NQ, Morbey R, Edeghere O, Balasegaram S, de Lusignan S, Smith G, Elliot AJ. Monitoring epidemiological trends in back to school asthma among preschool and school-aged children using real-time syndromic surveillance in England, 2012-2016. *J Epidemiol Community Health.* 2019 Sep;73(9):825-831. doi: 10.1136/jech-2018-211936. Epub 2019 Jul 1. PMID: 31262728. URL: <https://pubmed.ncbi.nlm.nih.gov/31262728>
25. Chiavenna C, Presanis AM, Charlett A, de Lusignan S, Ladhani S, Pebody RG, De Angelis D. Estimating age-stratified influenza-associated invasive pneumococcal disease in England: A time-series model based on population surveillance data. *PLoS Med.* 2019 Jun 27;16(6):e1002829. doi: 10.1371/journal.pmed.1002829. PMID: 31246954; PMCID: PMC6597037. URL: <https://pubmed.ncbi.nlm.nih.gov/31246954>

### **Mental Health theme:**

Our research has also looked at differences in the age at diagnosis of ADHD in children and its association with stimulant prescribing in these group.

1. Hoang U, James AC, Liyanage H, Jones S, Joy M, Blair M, Rigby M, Lusignan S. Determinants of inter-practice variation in ADHD diagnosis and stimulant prescribing: cross-sectional database study of a national surveillance network. *BMJ Evid Based Med.* 2019 Aug;24(4):155-161. doi: 10.1136/bmjebm-2018-111133. Epub 2019 Feb 14. PMID: 30765384; PMCID: PMC6678046. URL: <https://pubmed.ncbi.nlm.nih.gov/30765384/>
2. Jani A, Liyanage H, Okusi C, Sherlock J, Hoang U, Ferreira F, Yonova I, de Lusignan S. Using an Ontology to Facilitate More Accurate Coding of Social Prescriptions Addressing Social Determinants of Health: Feasibility Study. *J Med Internet Res* 2020 Dec; 22(12):e23721. doi: 10.2196/23721. PMID: 33306032; PMCID: 7762682. URL: <https://pubmed.ncbi.nlm.nih.gov/33306032/>

### **Miscellaneous:**

1. Liyanage H, Liaw ST, Jonnagaddala J, Schreiber R, Kuziemy C, Terry AL, de Lusignan S. Artificial Intelligence in Primary Health Care: Perceptions, Issues, and Challenges. *Yearb Med Inform.* 2019 Aug;28(1):41-46. doi: 10.1055/s-0039-1677901. Epub 2019 Apr 25. PMID: 31022751; PMCID: PMC6697547. URL: <https://pubmed.ncbi.nlm.nih.gov/31022751>
2. Mold F, Hendy J, Lai YL, de Lusignan S. Electronic Consultation in Primary Care Between Providers and Patients: Systematic Review. *JMIR Med Inform.* 2019 Dec 3;7(4):e13042. doi: 10.2196/13042. PMID: 31793888; PMCID: PMC6918214. URL: <https://pubmed.ncbi.nlm.nih.gov/31793888>
3. Kumar P, Druckman A, Gallagher J, Gatersleben B, Allison S, Eisenman TS, Hoang U, Hama S, Tiwari A, Sharma A, Abhijith KV, Adlakha D, McNabola A, Astell-Burt T, Feng X, Skeldon AC, de

Lusignan S, Morawska L. The nexus between air pollution, green infrastructure and human health. *Environ Int*. 2019 Dec;133(Pt A):105181. doi: 10.1016/j.envint.2019.105181. Epub 2019 Oct 29. PMID: 31675531. <https://pubmed.ncbi.nlm.nih.gov/31675531>

4. Stephenson J, Vogel C, Hall J, Hutchinson J, Mann S, Duncan H, Woods-Townsend K, de Lusignan S, Poston L, Cade J, Godfrey K, Hanson M, Barrett G, Barker M, Conti G, Shannon G, Colbourn T; Preconception Partnership. Preconception health in England: a proposal for annual reporting with core metrics. *Lancet*. 2019 Jun 1;393(10187):2262-2271. doi: 10.1016/S0140-6736(19)30954-7. PMID: 31162084. URL: <https://pubmed.ncbi.nlm.nih.gov/31162084>
5. Nikiphorou E, de Lusignan S, Mallen C, Khavandi K, Roberts J, Buckley CD, Galloway J, Raza K. Haematological abnormalities in new-onset rheumatoid arthritis and risk of common infections: a population-based study. *Rheumatology (Oxford)*. 2020 May 1;59(5):997-1005. doi: 10.1093/rheumatology/kez344. PMID: 31501866. URL: <https://pubmed.ncbi.nlm.nih.gov/31501866>
6. Liyanage H, Williams J, Byford R, de Lusignan S. Ontology to identify pregnant women in electronic health records: primary care sentinel network database study. *BMJ Health Care Inform*. 2019 Jul;26(1):e100013. doi: 10.1136/bmjhci-2019-100013. Epub 2019 Jul 4. PMID: 31272998; PMCID: PMC7062332. URL: <https://pubmed.ncbi.nlm.nih.gov/31272998>
7. Di Iorio CT, Carinci F, Oderkirk J, Smith D, Siano M, de Marco DA, de Lusignan S, Hamalainen P, Benedetti MM. Assessing data protection and governance in health information systems: a novel methodology of Privacy and Ethics Impact and Performance Assessment (PEIPA). *J Med Ethics*. 2020 Mar 27:medethics-2019-105948. doi: 10.1136/medethics-2019-105948. Epub ahead of print. PMID: 32220868. URL: <https://pubmed.ncbi.nlm.nih.gov/32220868>