



Royal College of
General Practitioners

Communicable and Respiratory Disease Report for England & Wales

Key Statistics:

Week Number/Year.....09/2010
Week Starting – Ending.....01/03/2010-07/03/2010
No. of Practices.....75
No. of Doctors.....394
Population.....745394

Key Messages:

National (England & Wales)

- **Allergic Rhinitis:** increased from **3.7** in week 08 to **6.2** in week 09.
- **Common Cold:** decreased from **131.5** in week 08 to **123.3** in week 09.
- **Influenza-Like Illness:** decreased from **9.1** in week 08 to **6.3** in week 09.
- **Respiratory System Diseases:** decreased from **391.4** in week 08 to **379.7** in week 09.

Regional (North, Central and South)

- **Allergic Rhinitis:** increased in the North from **3.0** in week 08 to **4.9** in week 09, increased in the Central region from **3.4** in week 08 to **5.2** in week 09 and increased in the South from **4.2** in week 08 to **7.3** in week 09.
- **Common Cold:** decreased in the North from **141.2** in week 08 to **135.9** in week 09, decreased in the Central region from **109.4** in week 08 to **106.5** in week 09 and decreased in the South from **143.6** in week 08 to **128.9** in week 09.
- **Influenza-Like Illness:** decreased in the North from **6.1** in week 08 to **3.5** in week 09, decreased in the Central region from **9.3** in week 08 to **4.8** in week 09 and decreased in the South from **10.0** in week 08 to **8.4** in week 09.
- **Respiratory System Diseases:** increased in the North from **375.9** in week 08 to **397.3** in week 09, increased in the Central region from **375.8** in week 08 to **384.8** in week 09 and decreased in the South from **407.7** in week 08 to **369.6** in week 09.

Comment:

In order to show comparability with other years (in which there is no week 53), graphical presentation data for week 53 (2009) are presented as week 1 (2010) and week 1 as week 2 etc. Data will be readjusted later in the year.

Rates of influenza-like illness have decreased this week in all regions and most age groups. Rates continue to be very low for the time of year.

Influenza Focus 2009:

A special focus on influenza-like illness is being continued into the winter months and is provided below. Each weekly incidence rate is presented per 100,000 population. All presentations are for males and females in all age groups unless otherwise stated.

Weekly influenza and influenza-like illness incidence rates per 100,000 persons

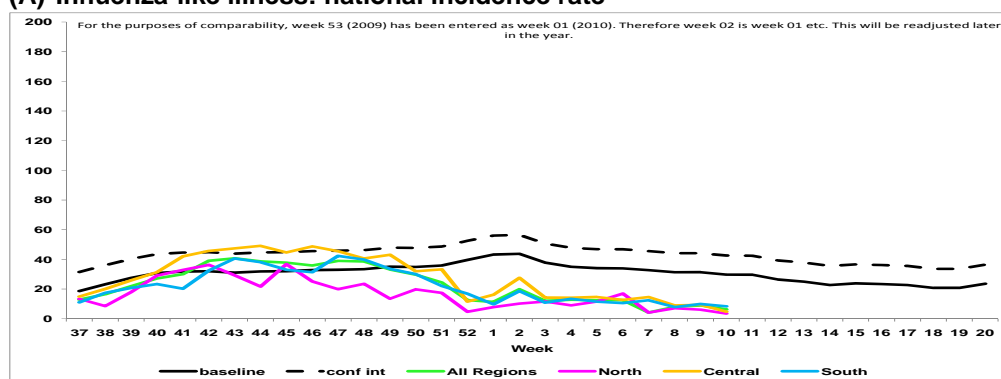
All Regions

	Influenza-like illness	Bronchitis
0-4	2.31	209.82
5-14	7.05	41.13
15-44	7.37	41.18
45-64	7.13	85.61
65+	3.28	154.95
All Ages	6.31	81.30

Regional

North	3.47
Central	4.76
South	8.37

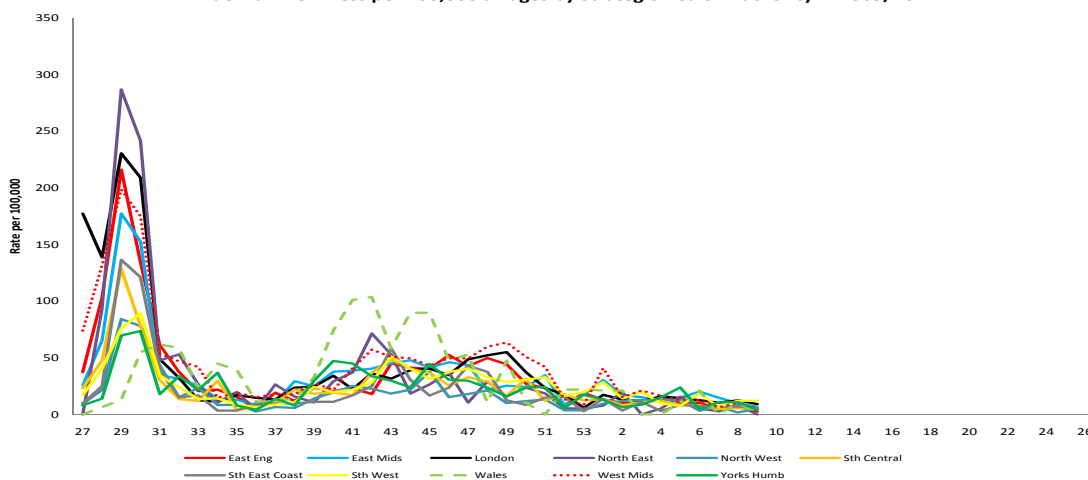
(A) Influenza-like illness: national incidence rate*



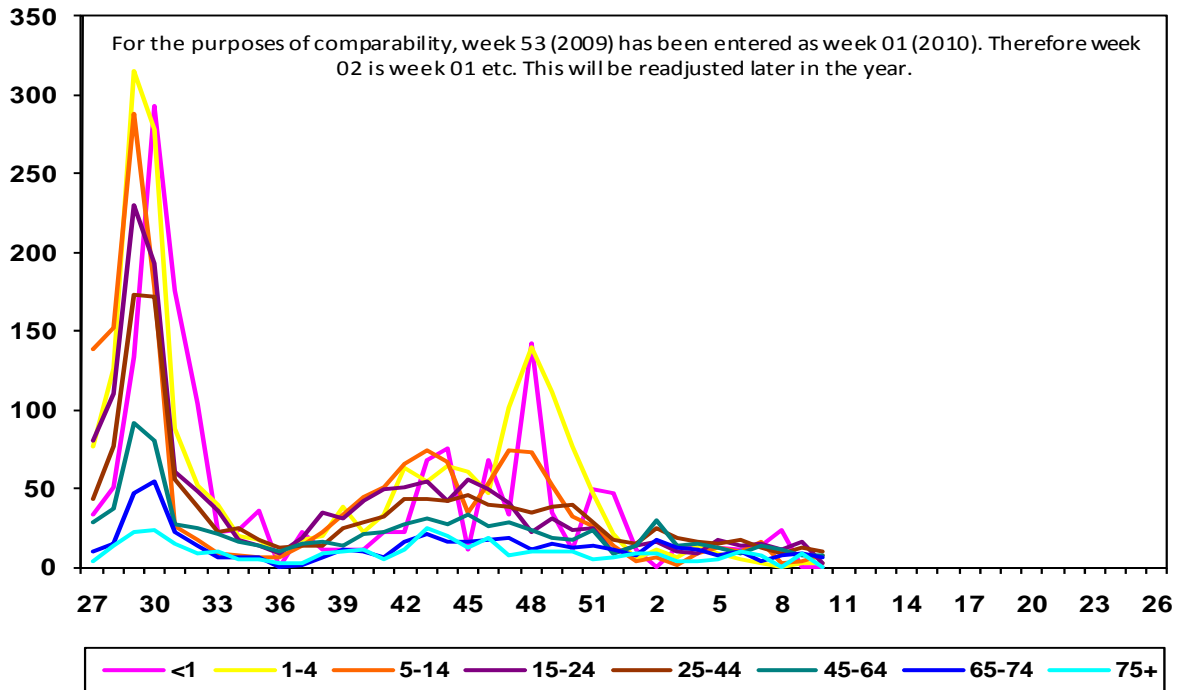
*The incidence rate is plotted against a background of the average influenza incidence during periods when influenza has not been prevalent over the last ten winters. The baseline is presented as a moving average with an upper limit of 2 standard deviations above. Incidence data for the winter of 2009/10 are superimposed. Rates less than 30 are commonplace in winter; between 30 and 100 are usual when influenza viruses are circulating; rates exceeding 100 represent above average influenza activity and above 200 are exceptional.

(B) Influenza-like illness: Incidence rates per 100,000 all age by Strategic Health Authority

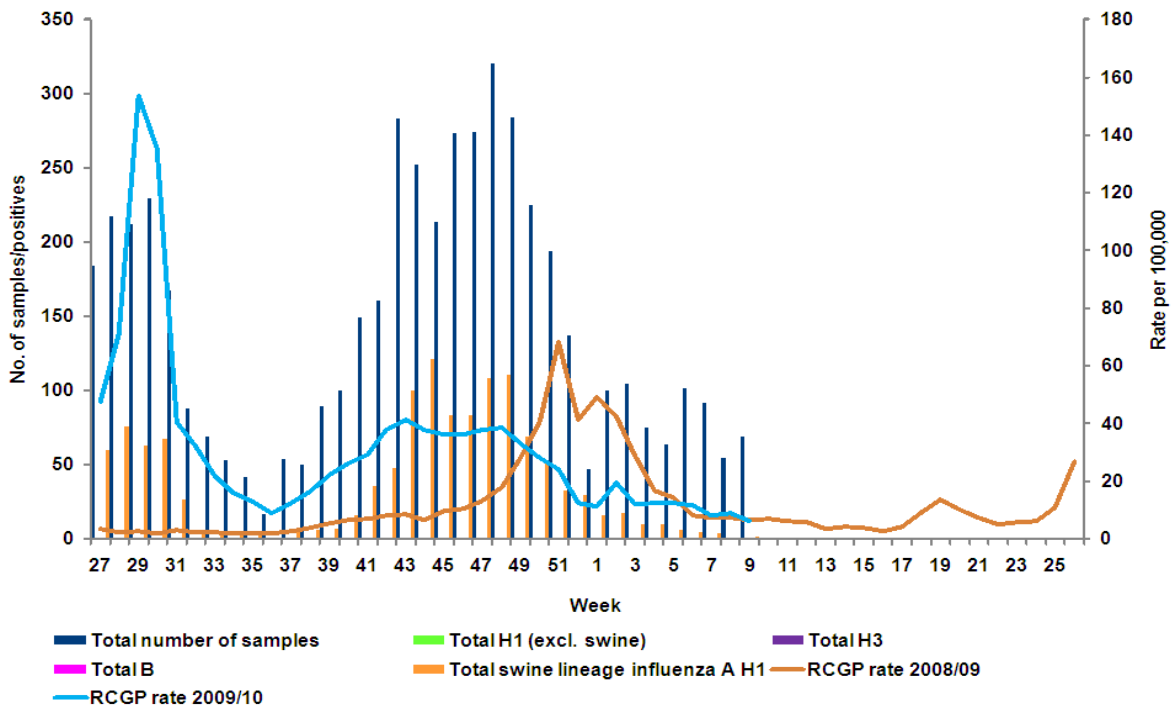
Influenza-Like Illness per 100,000 all ages by Strategic Health Authority in 2009/10



(C) Influenza-like illness: national incidence 2009/10 by age group

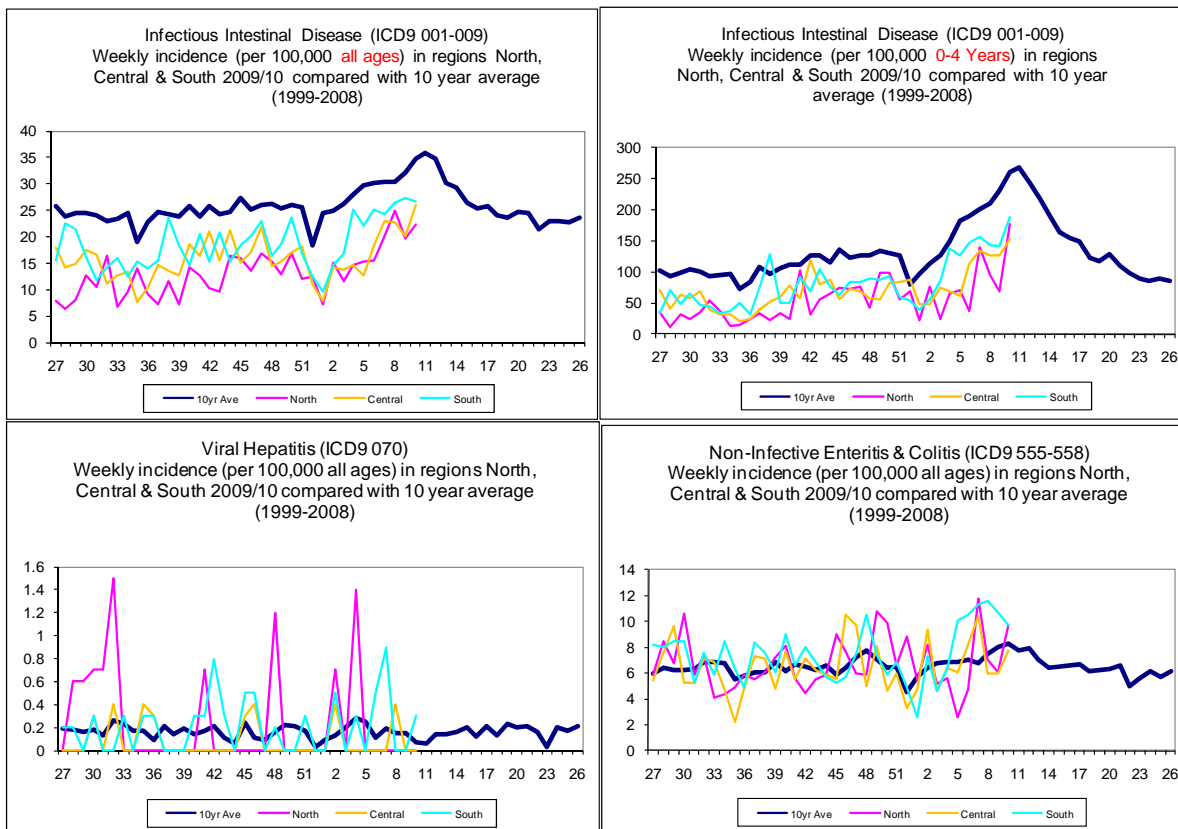


(D) RCGP/HPA Influenza Swabbing Surveillance 2009/10 (all ages, gender & regions combined)

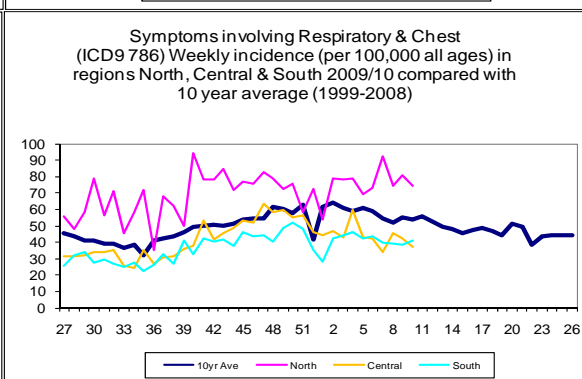
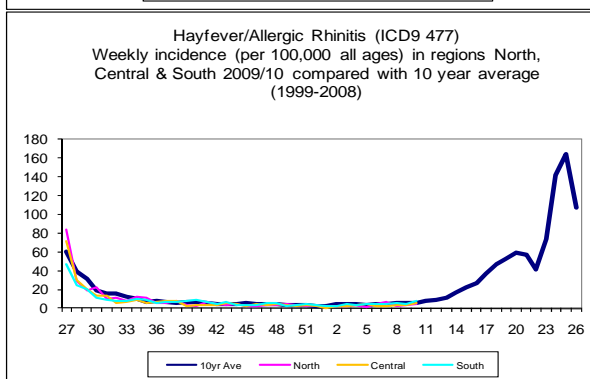
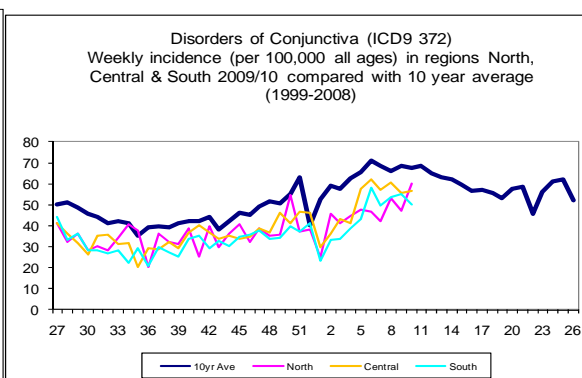
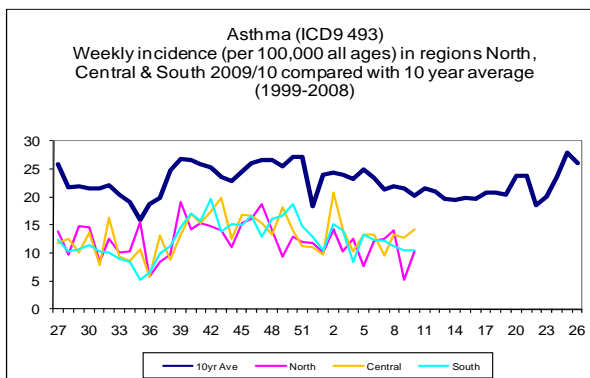


Weekly incidence data collected in the WRS (Weekly Returns Service) are presented for each disease set against the background National weekly average over the previous 10 years (1999-2008). Data are available for 3 supra-regional groupings; North, Central and South. All presentations are for males and females in all age groups unless otherwise stated.

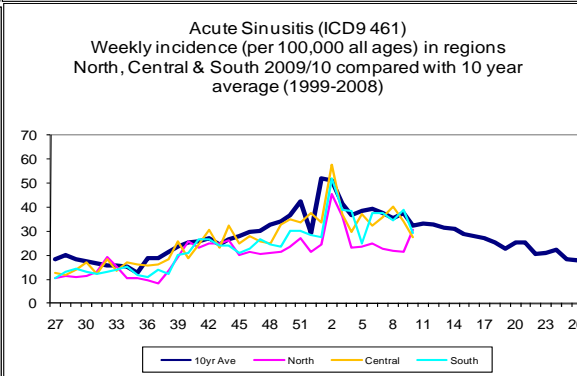
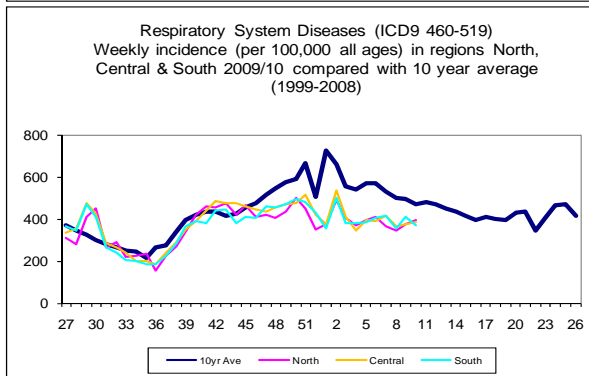
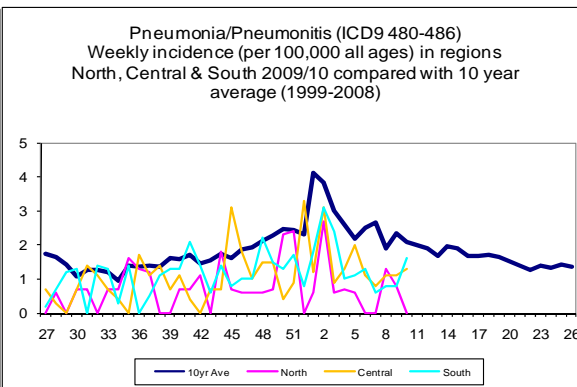
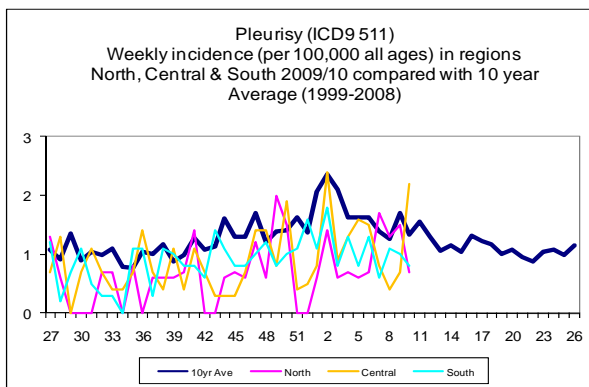
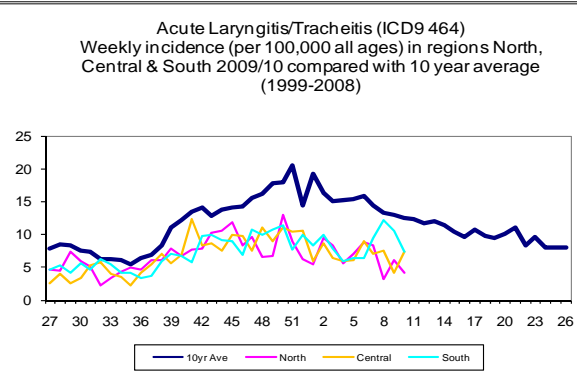
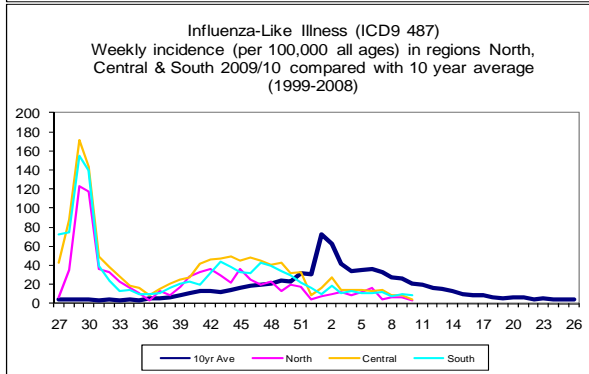
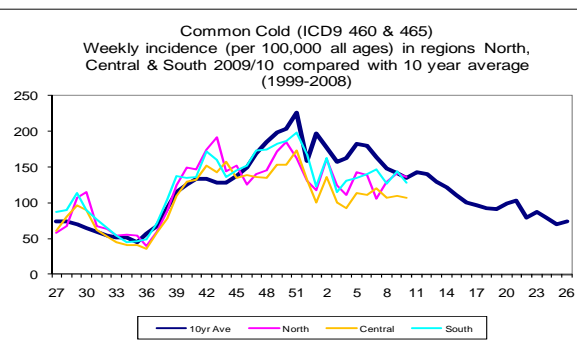
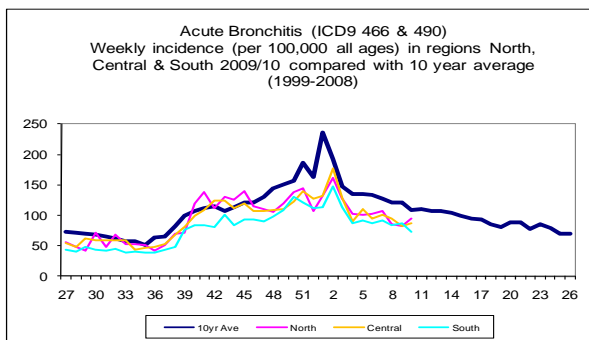
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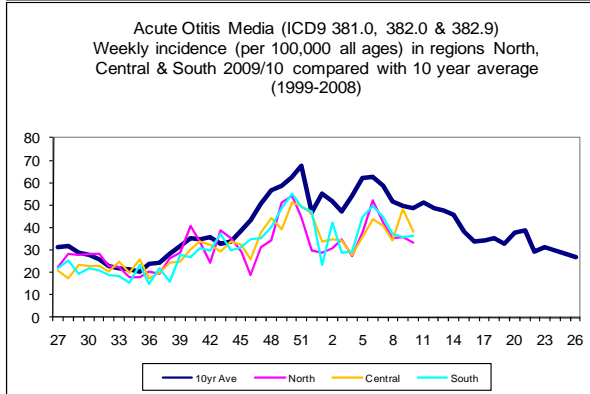
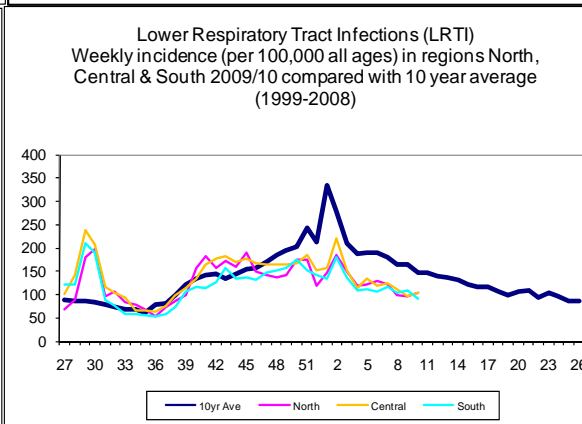
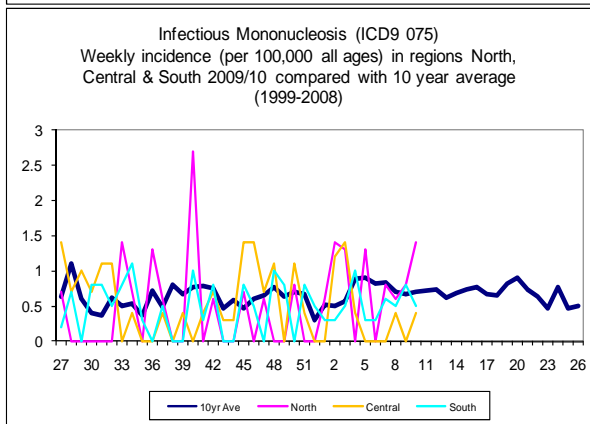
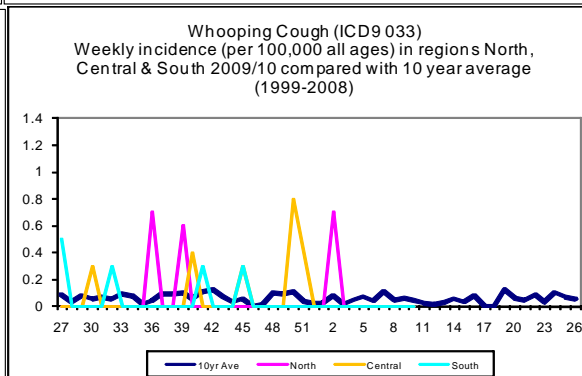
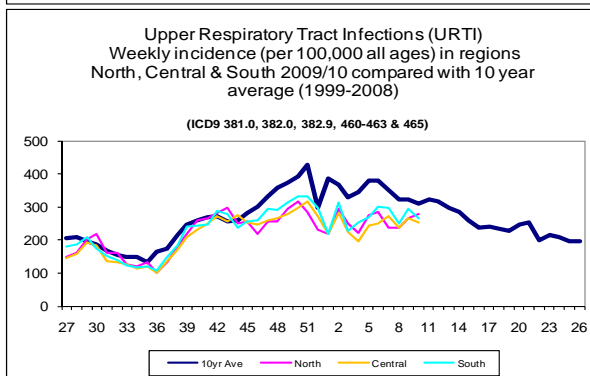
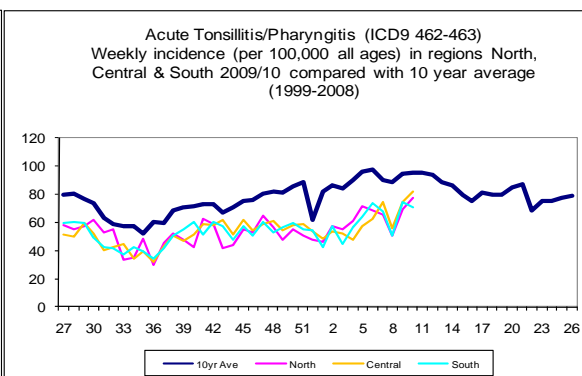
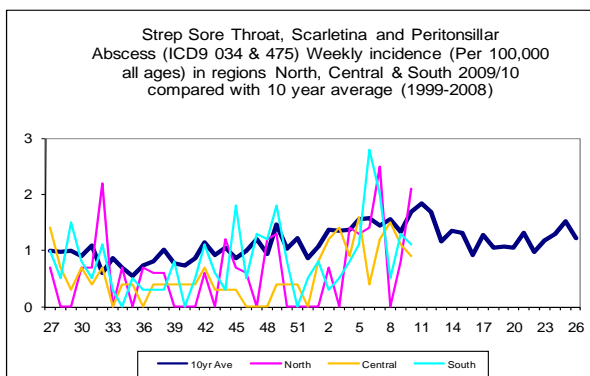
2. Environmentally Sensitive Disorders:



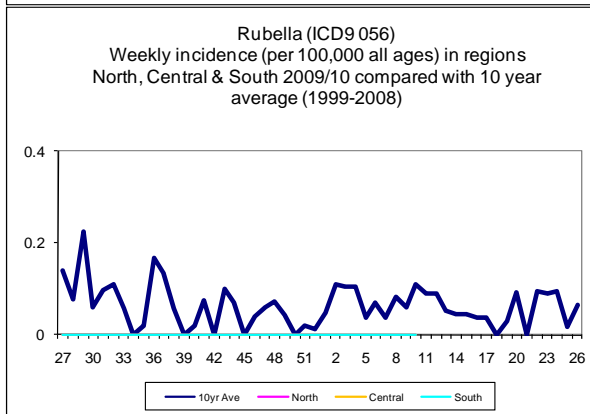
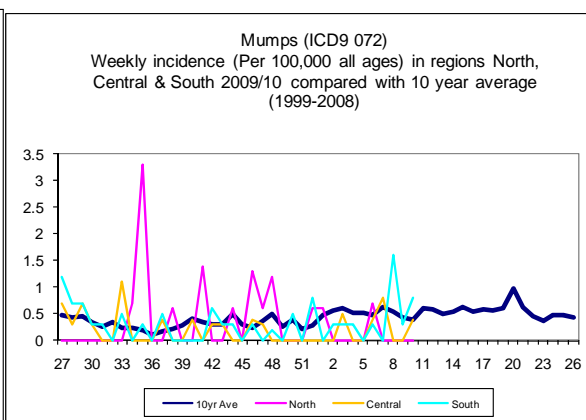
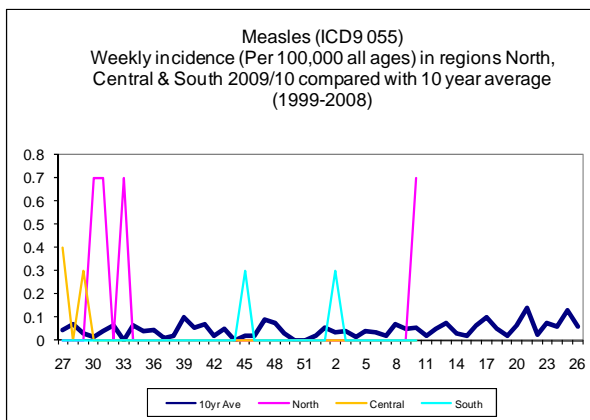
3. Respiratory Infections:



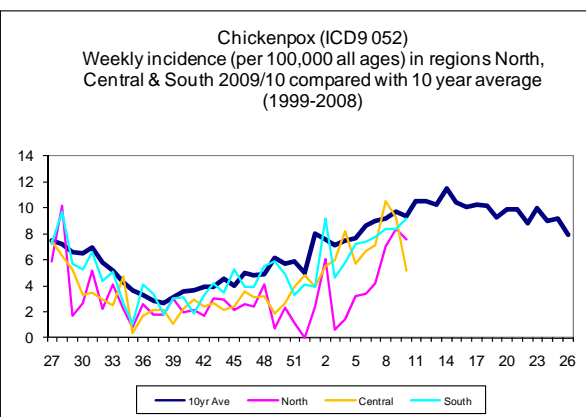
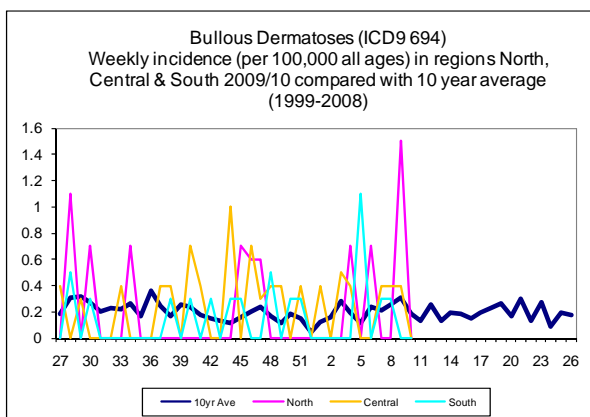
Respiratory Infections (continued):



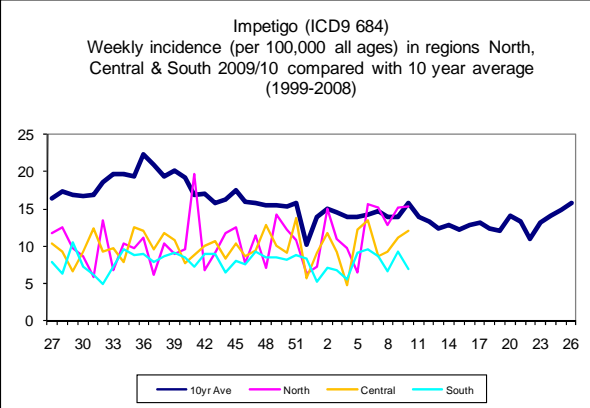
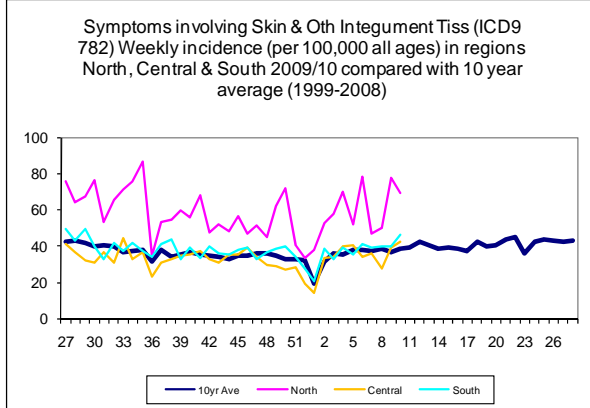
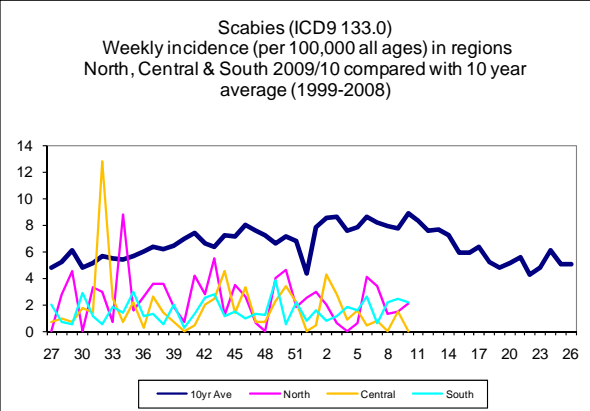
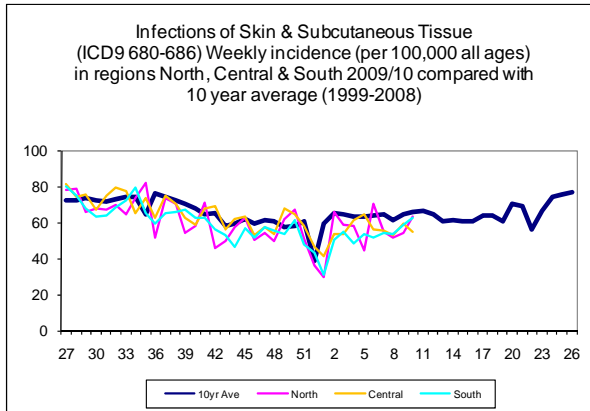
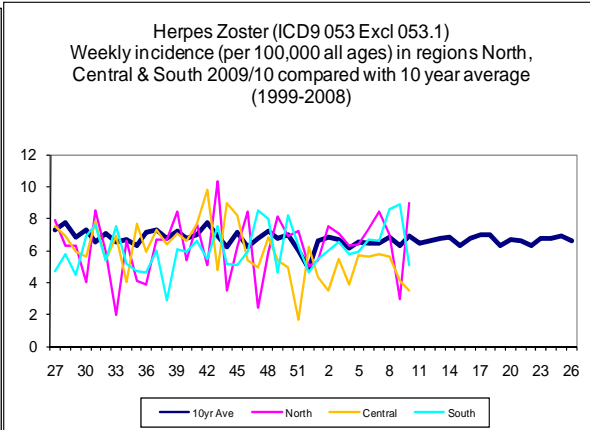
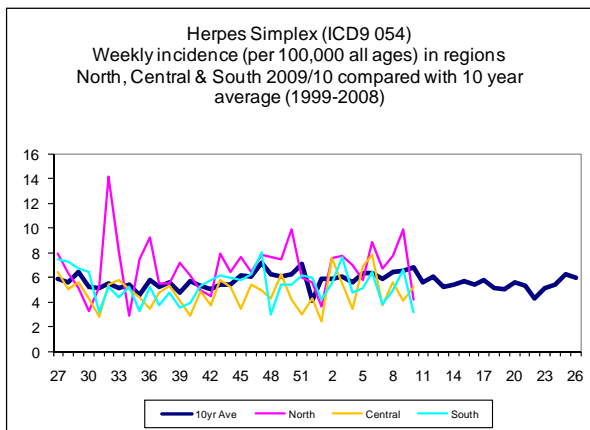
4. Vaccine Sensitive Disorders:



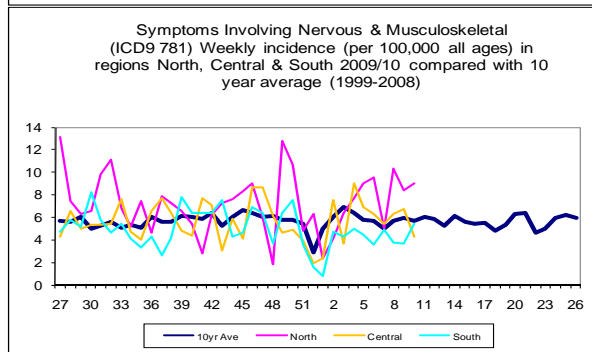
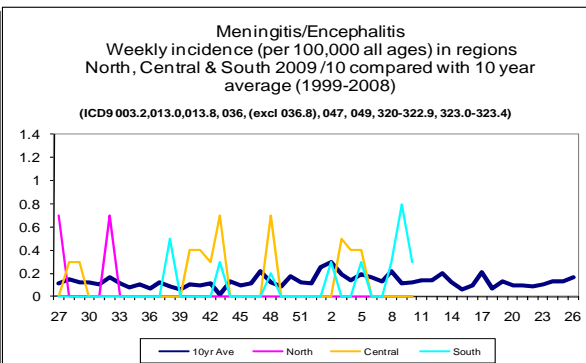
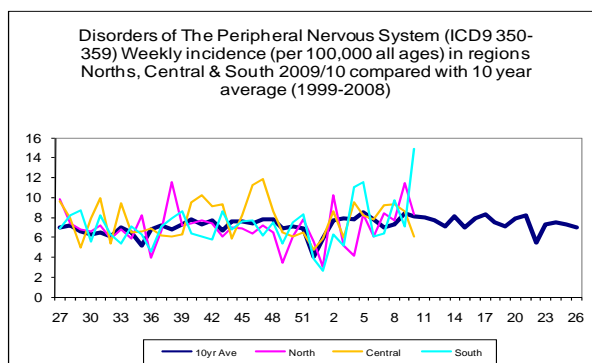
5. Skin Contagions:



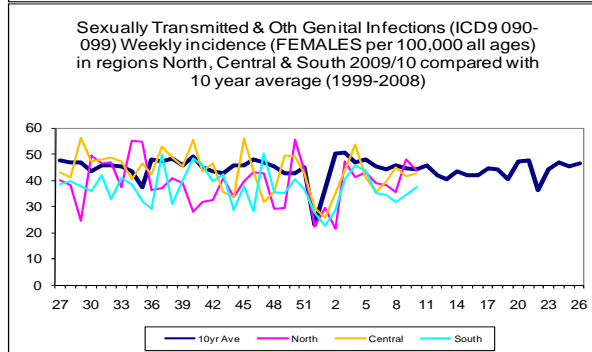
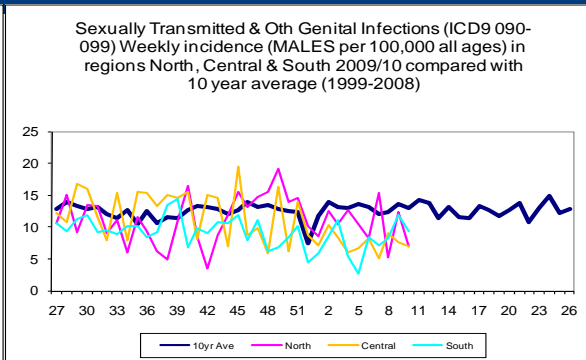
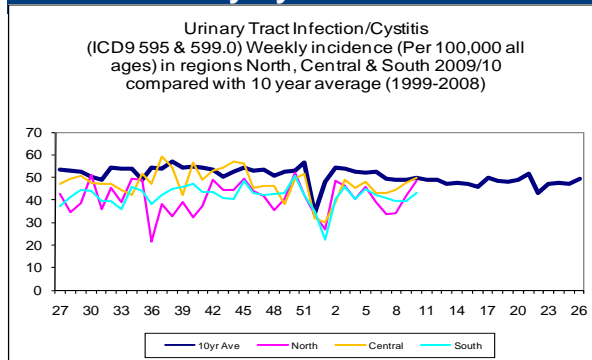
Skin Contagions (continued):



6. Disorders Affecting the Nervous System:



7. Genitourinary System Disorders:



**RCGP Research & Surveillance Centre
Weekly Returns Service**

8. Tabular Summary by Disease:

Week Beginning Ending	01/03/10 - 07/03/10 (provisional)		22/02/10 - 28/02/10		15/02/10 - 21/02/10		08/02/10 - 14/02/10	
	Rate:	Eps:	Rate:	Eps:	Rate:	Eps:	Rate:	Eps:
Allergic Rhinitis (477)	6.2	46	3.7	29	4.0	32	3.8	27
Asthma (493)	11.7	87	10.4	81	12.5	100	11.3	80
Bronchitis (466 & 490)	81.3	606	84.2	658	86.3	693	97.8	690
Bullous Dermatoses (694)	0.0	0	0.4	3	0.2	2	0.3	2
Chickenpox (052)	7.6	57	8.7	68	8.7	70	6.9	49
Common Cold & URTI NOS (460 & 465)	123.3	919	131.5	1027	119.5	960	130.8	923
Conjunctiva Disorders (372)	54.1	403	54.0	422	55.3	444	50.9	359
Herpes Simplex (054)	4.0	30	6.3	49	5.6	45	4.3	30
Herpes Zoster (053 Excl 053.1)	5.4	40	6.3	49	7.2	58	6.7	47
Impetigo (684)	10.2	76	10.9	85	8.7	70	9.8	69
Infectious Mononucleosis (075)	0.7	5	0.5	4	0.5	4	0.4	3
Influenza-Like Illness (487)	6.3	47	9.1	71	8.0	64	11.8	83
Intestinal Infectious Diseases (001-009)	25.6	191	23.6	184	24.7	198	23.1	163
Intestinal Infectious Diseases (001-009) 0-4 years	175.2	76	125.5	57	126.7	59	146.8	60
Laryngitis & Tracheitis Acute (464)	6.7	50	7.6	59	8.7	70	8.5	60
Lower Respiratory Tract Infection (LRTI)	96.6	720	102.8	803	105.0	843	119.9	846
Measles (055)	0.1	1	0.0	0	0.0	0	0.0	0
Meningitis & Encephalitis	0.1	1	0.4	3	0.1	1	0.0	0
Mumps (072)	0.5	4	0.1	1	0.7	6	0.3	2
NonInfective Enteritis & Colitis (555-558)	9.1	68	8.3	65	8.7	70	11.1	78
Otitis Media Acute (381.0,382.0 & 382.9)	36.4	271	39.9	312	35.5	285	42.9	303
Peripheral Nervous System Dis (350-359)	10.9	81	8.3	65	9.1	73	7.7	54
Pleurisy (511)	1.2	9	1.0	8	0.9	7	1.1	8
Pneumonia and Pneumonitis (480-486)	1.2	9	0.9	7	1.0	8	0.6	4
Respiratory System Diseases (460-519)	379.7	2830	391.4	3058	353.4	2838	405.4	2861
Rubella (056)	0.0	0	0.0	0	0.0	0	0.0	0
Scabies (133.0)	1.5	11	1.9	15	1.2	10	1.1	8
Sinusitis Acute (461)	29.0	216	34.3	268	33.6	270	34.4	243
Skin & Subcutaneous Tiss Infections (680-686)	60.2	449	58.0	453	52.4	421	54.7	386
Strep Sore Throat & Scarl Periton Absc (034 & 475)	1.2	9	1.2	9	0.7	6	1.8	13
Symptoms Involving Nervous Musculoskeletal (781)	5.8	43	5.5	43	5.9	47	5.1	36
Symptoms Involving Respiratory & Chest (786)	46.3	345	46.7	365	47.8	384	46.8	330
Symptoms Involving Skin & Integument Tissue (782)	49.6	370	46.2	361	37.5	301	39.4	278
Tonsillitis & Acute Pharyngitis (462-463)	75.5	563	73.9	577	51.9	417	69.7	492
Upper Respiratory Tract Infections (URTI)	264.2	1969	279.5	2184	240.6	1932	277.9	1961
Urinary Tract Infection Cystitis (595 & 599.0)	46.2	344	42.5	332	39.7	319	40.2	284
Viral Hepatitis (070)	0.1	1	0.0	0	0.1	1	0.4	3
Whooping Cough (033)	0.0	0	0.0	0	0.0	0	0.0	0
Population at Risk:		745394		781276		803135		705721
Number of Practices:		75		77		79		72

Further Information:

The Weekly Returns Service (WRS) was established in 1964 at the Birmingham Research Unit of the Royal College of General Practitioners. The WRS monitors the number of patients consulting with new episodes of illness classified by diagnosis in England and Wales and provides weekly incidence rates per 100,000 population for these new episodes of illness. The WRS has archived all data since 1967 providing an unrivalled opportunity to look at long term trends of disease. The Unit, directed by Dr Douglas Fleming, is internationally renowned for its expertise on respiratory illnesses, particularly influenza and influenza-like illnesses. As from the 1st April 2009 the Birmingham Research Unit will be known as the RCGP Research & Surveillance Centre. We hope this new title will better reflect the work of the Centre.

This bulletin can be found at www.rcgp.org.uk/rsc together with further information about the RCGP Research & Surveillance Centre and a selection of publications and morbidity reports.

The bulletin can also be found at:

http://www.hpa.org.uk/infections/topics_az/primary_care_surveillance/default.htm

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

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