



Royal College of
General Practitioners

Communicable and Respiratory Disease Report for England & Wales

Key Statistics:

Week Number/Year.....262011
Week Starting – Ending.....27/06/11-03/07/11
No. of Practices.....66
No. of Doctors.....337
Population.....670333

Key Messages:

National (England & Wales)

- **Allergic Rhinitis:** increased from **28.2** in week 25 to **44.9** in week 26.
- **Asthma:** increased from **8.7** in week 25 to **10.3** in week 26.
- **Acute Bronchitis:** increased from **51.5** in week 25 to **55.6** in week 26.
- **Common Cold & URTI NOS:** decreased from **65.0** in week 25 to **61.5** in week 26.
- **Influenza-Like Illness:** decreased from **3.2** in week 25 to **1.9** in week 26.
- **Respiratory System Diseases:** increased from **247.1** in week 25 to **265.2** in week 26.

Regional (North, Central and South)

Comments limited to conditions currently changing in incidence:

- **Allergic Rhinitis:** increased in the North from **40.9** in week 25 to **62.1** in week 26, increased in the Central region from **32.1** in week 25 to **54.6** in week 26 and increased in the South from **20.8** in week 25 to **31.6** in week 26.
- **Influenza –Like illness:** decreased in the North from **5.1** in week 25 to **3.2** in week 26, increased in the Central region from **1.4** in week 25 to **2.3** in week 26 and decreased in the South from **3.5** in week 25 to **1.2** in week 26.

Comment:

There are no comments for this week.

Influenza Focus 2011

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

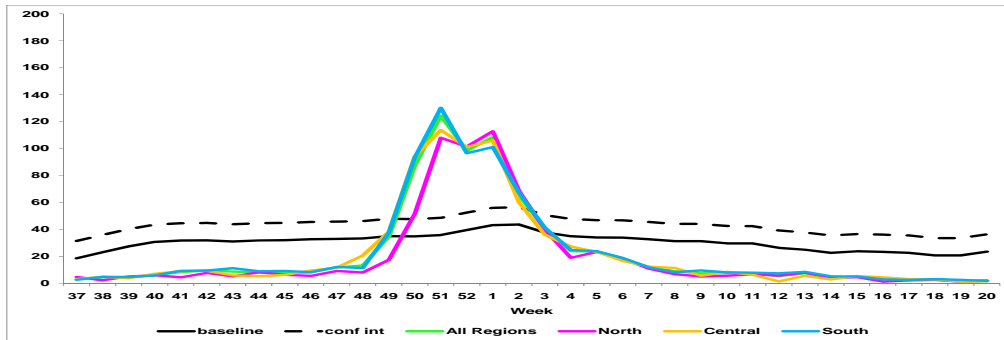
All Regions

	Influenza-like illness	Bronchitis
0-4	2.47	54.40
5-14	0.00	9.29
15-44	2.57	31.55
45-64	2.30	61.62
65+	0.92	139.42
All Ages	1.94	55.64

Regional

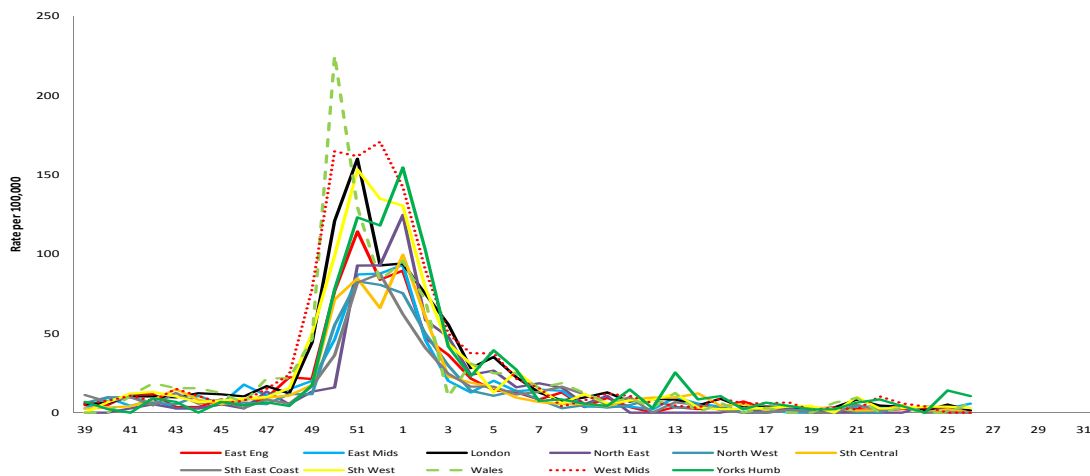
North	3.18
Central	2.25
South	1.24

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

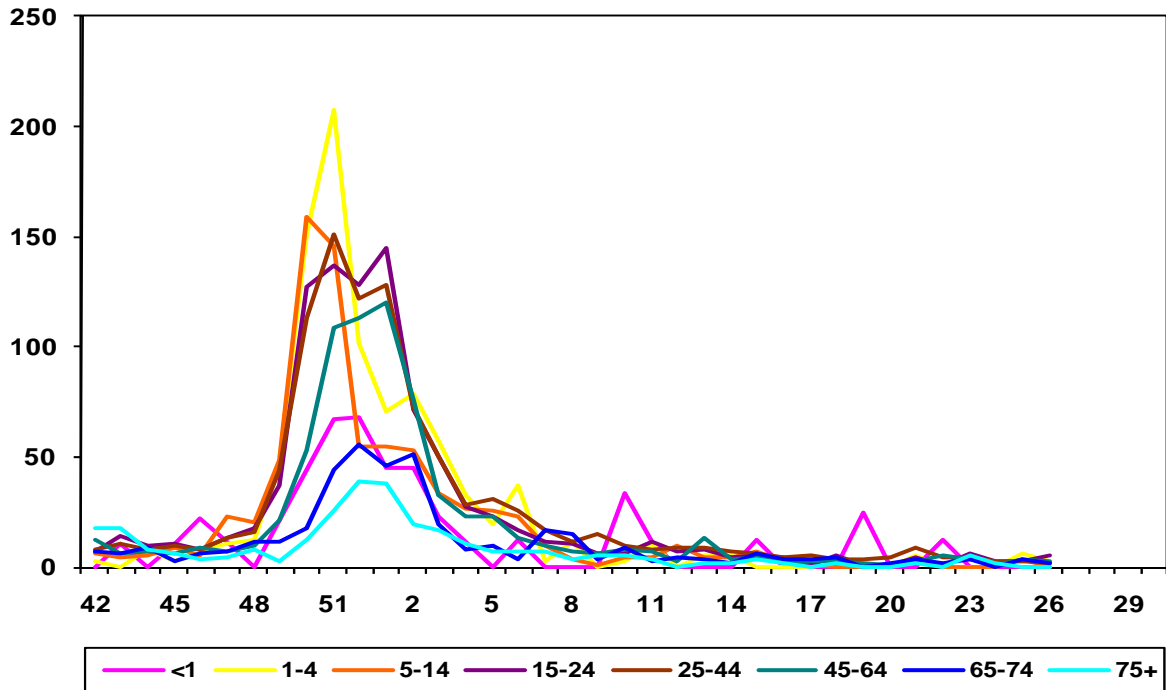


*The incidence rate is plotted against a background of the average influenza incidence during periods when influenza has not been prevalent over the last ten winters. The baseline is presented as a moving average with an upper limit of 2 standard deviations above. Incidence data for the winter of 2010/11 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.

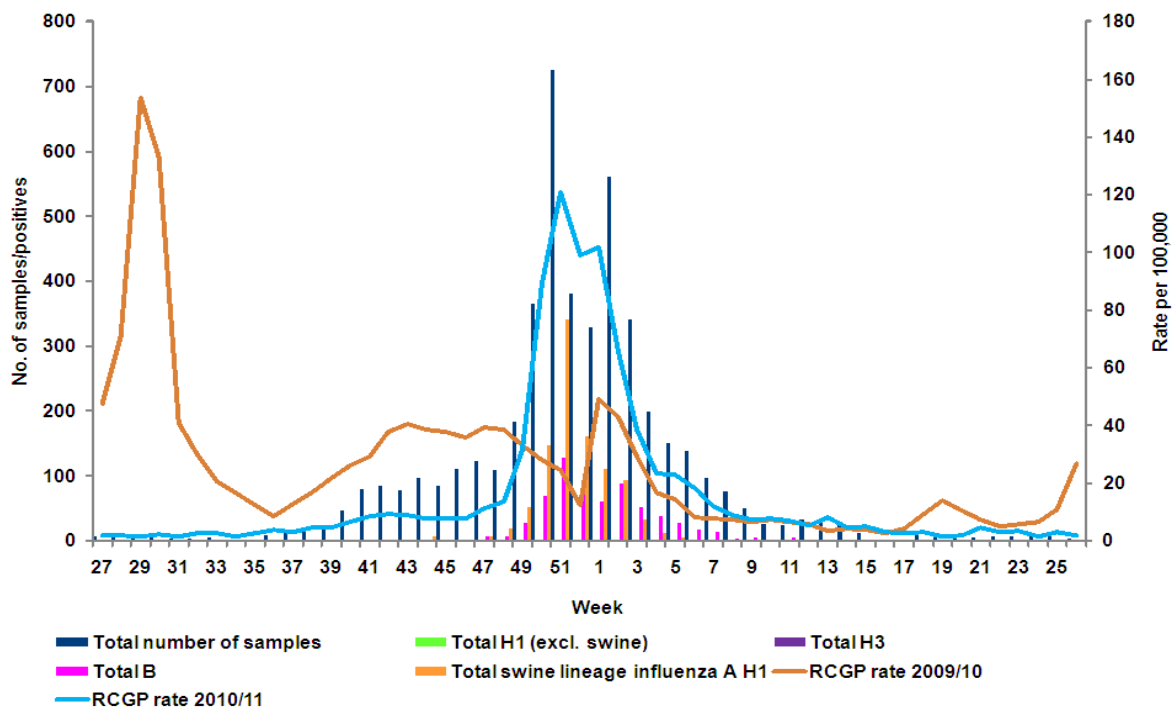
(B) Influenza-like illness: Incidence rates per 100,000 all age by Strategic Health Authority 2010/11



(C) Influenza-like illness: national incidence 2010/11 by age group

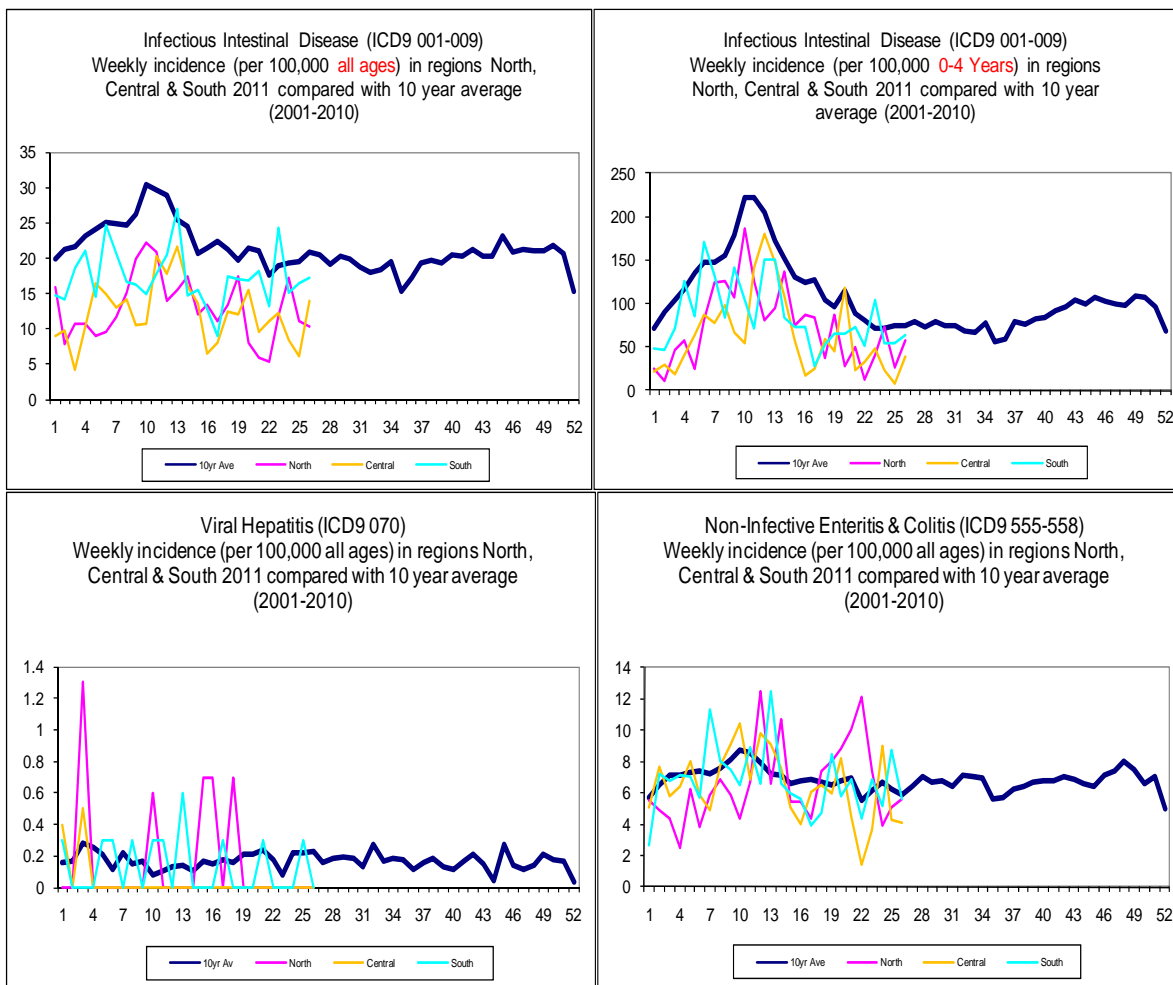


(D) RCGP/HPA Influenza Swabbing Surveillance 2010/11 (all ages, gender & regions combined)

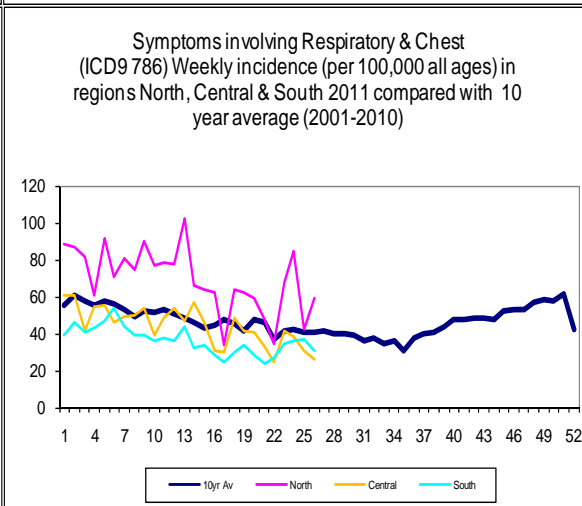
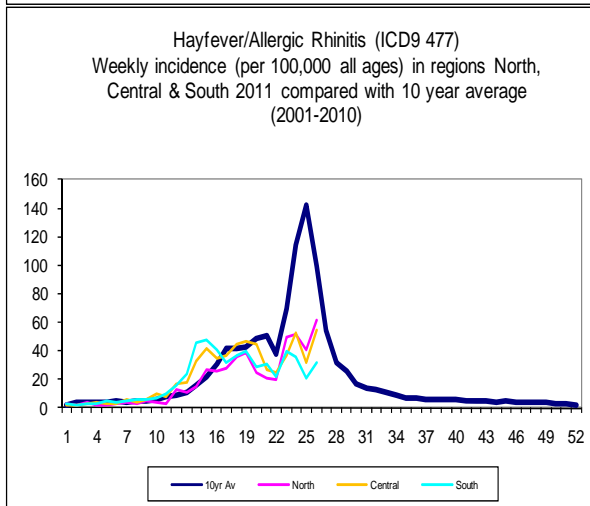
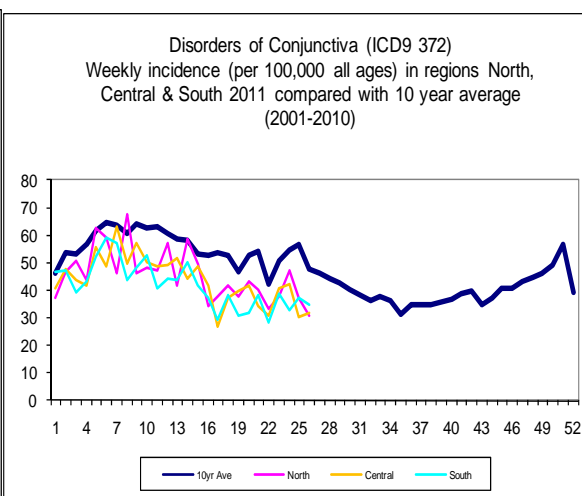
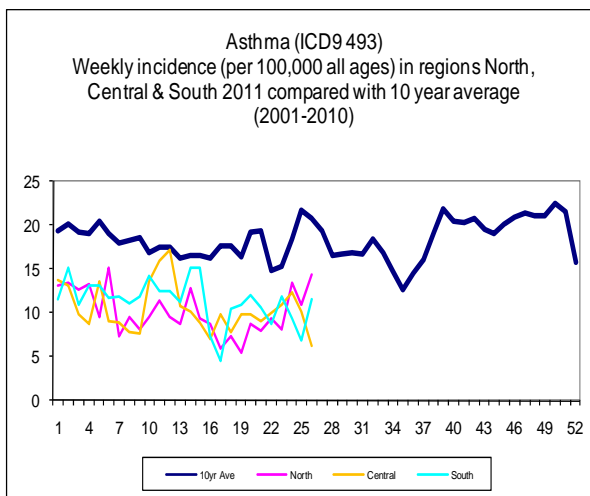


Weekly incidence data collected in the WRS (Weekly Returns Service) are presented for each disease set against the background National weekly average over the previous 10 years (2001-2010). Data are available for 3 supra-regional groupings; North, Central and South. All presentations are for males and females in all age groups unless otherwise stated.

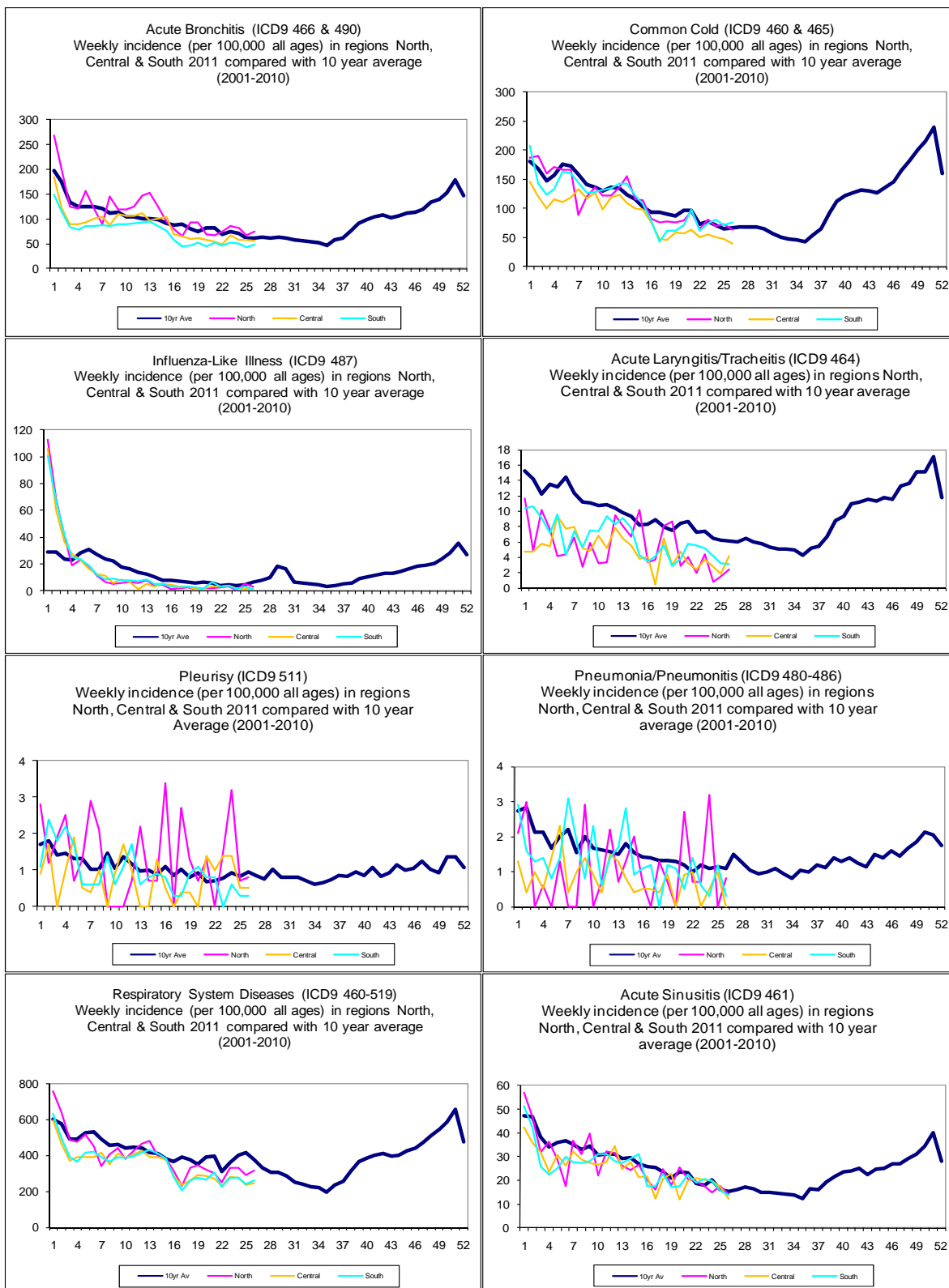
1. Water & Food Borne Disorders:



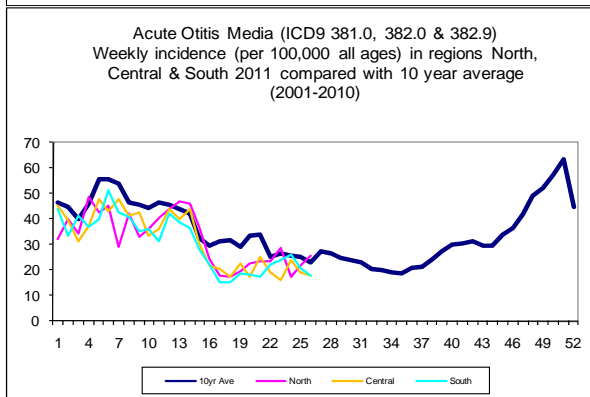
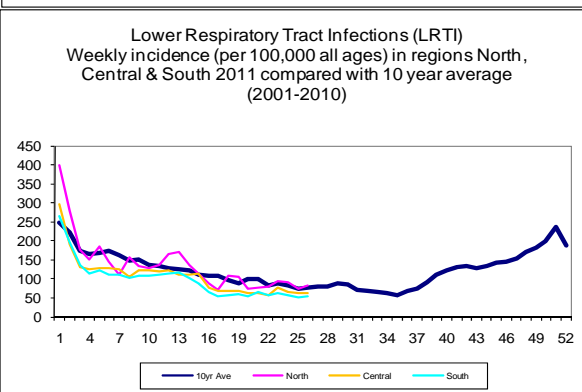
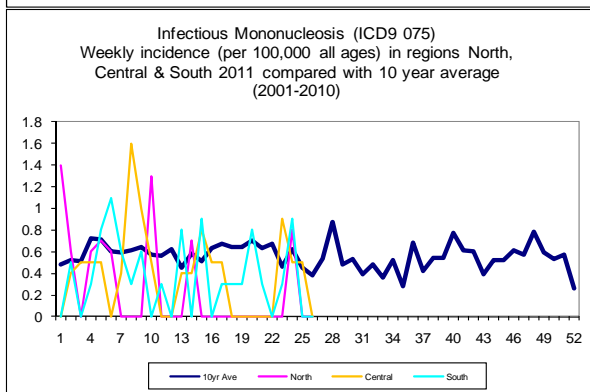
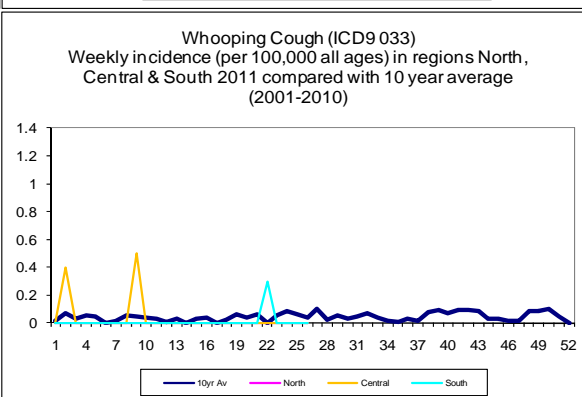
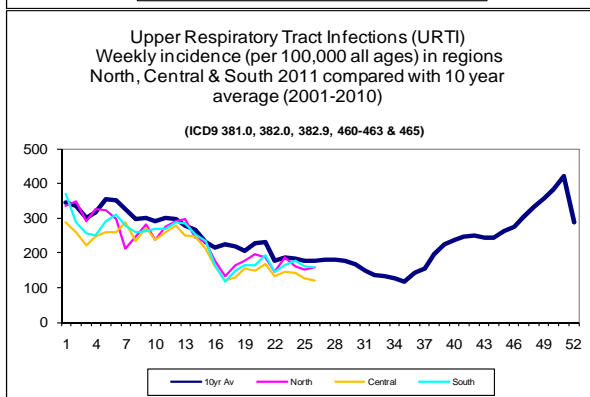
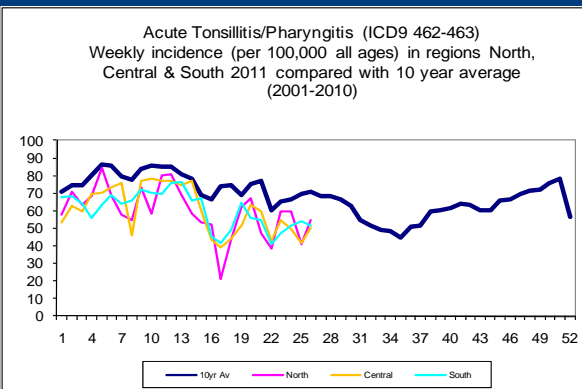
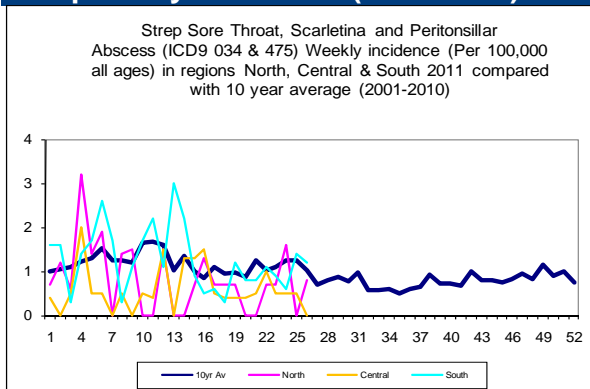
2. Environmentally Sensitive Disorders:



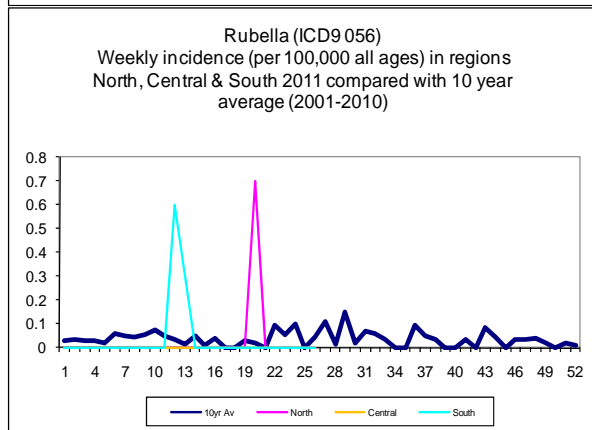
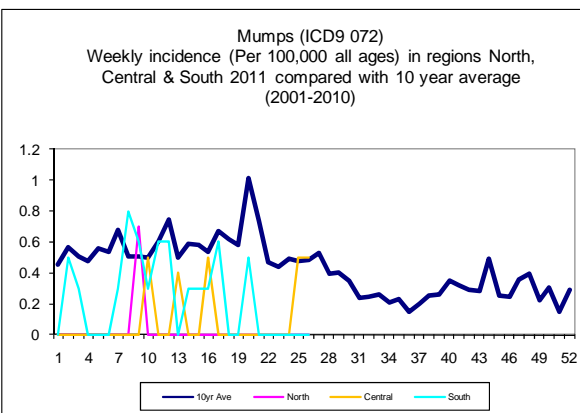
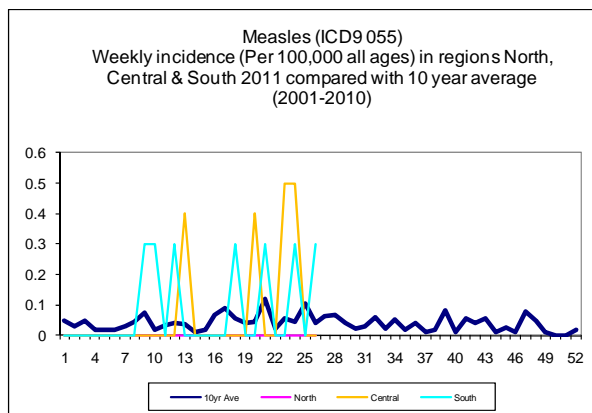
3. Respiratory Infections:



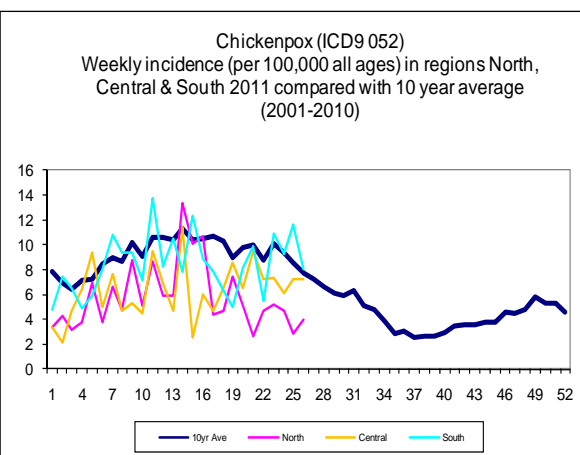
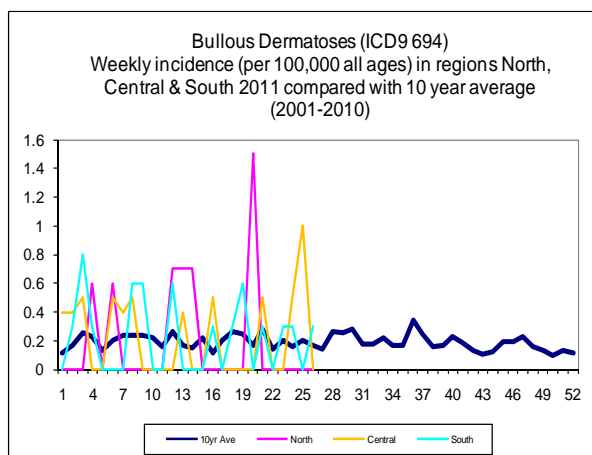
Respiratory Infections (continued):



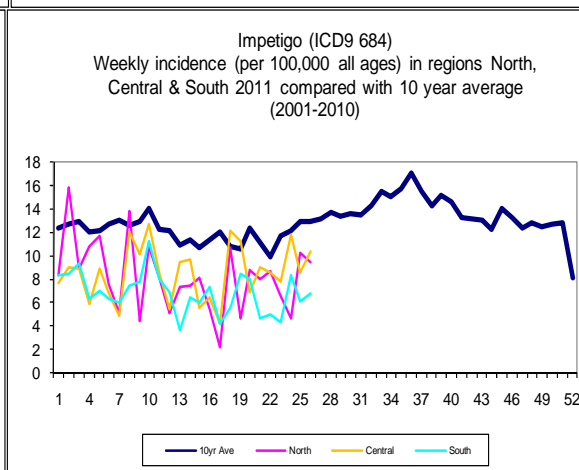
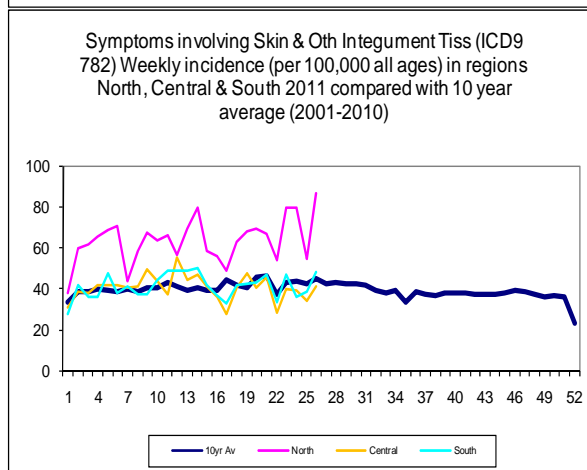
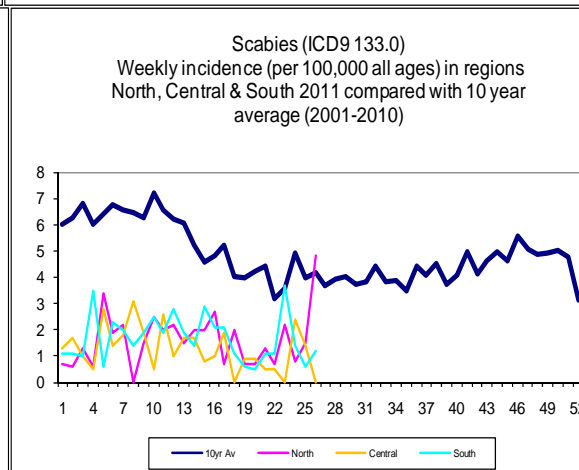
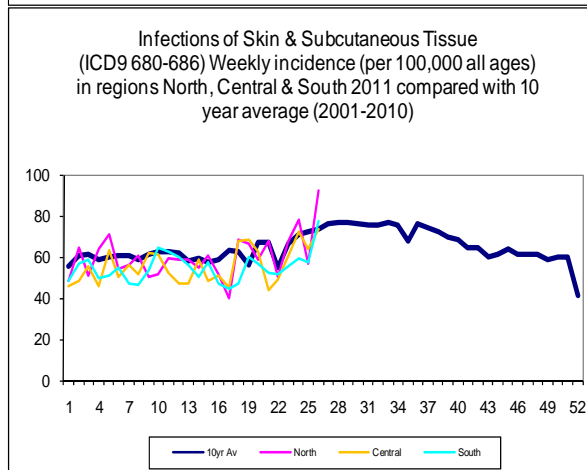
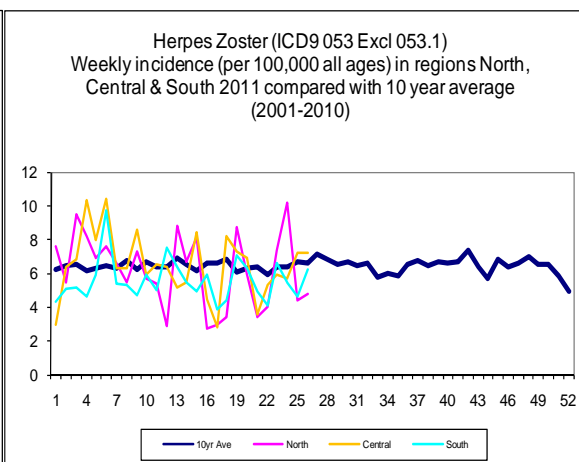
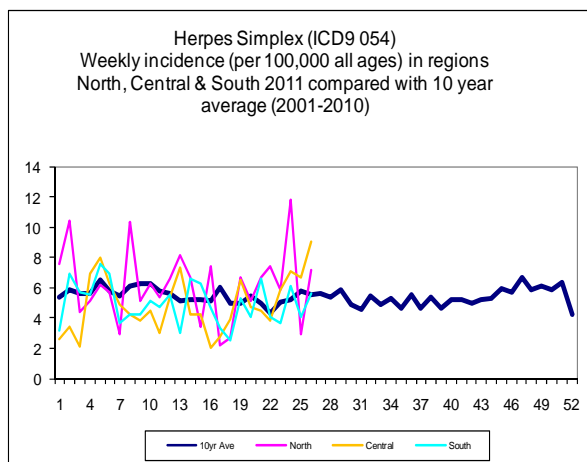
4. Vaccine Sensitive Disorders:



5. Skin Contagions:

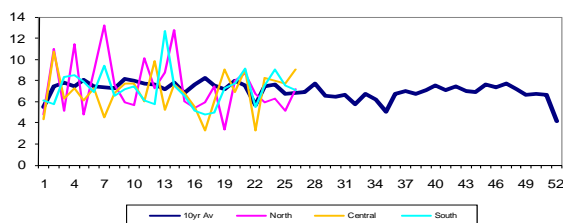


Skin Contagions (continued):



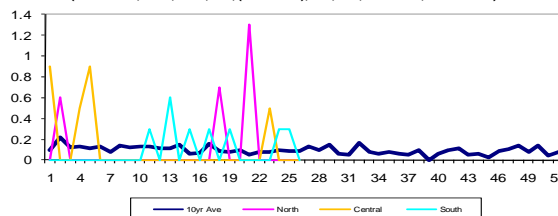
6. Disorders Affecting the Nervous System:

Disorders of The Peripheral Nervous System (ICD9 350-359) Weekly incidence (per 100,000 all ages) in regions Norths, Central & South 2011 compared with 10 year average (2001-2010)

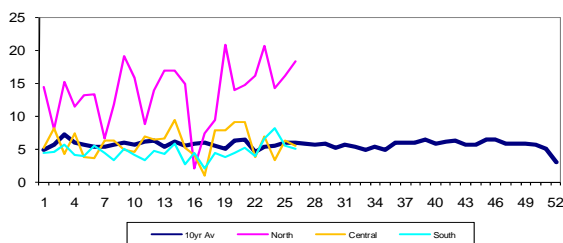


Meningitis/Encephalitis Weekly incidence (per 100,000 all ages) in regions North, Central & South 2011 compared with 10 year average (2001-2010)

(ICD9 003.2,013.0,013.8, 036, (excl 036.8), 047, 049, 320-322.9, 323.0-323.4)

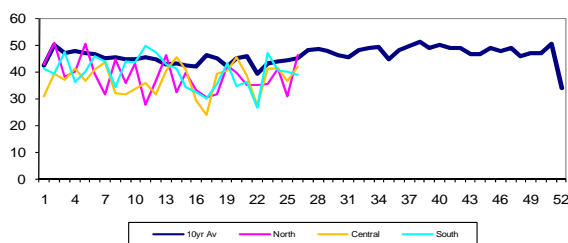


Symptoms Involving Nervous & Musculoskeletal (ICD9 781) Weekly incidence (per 100,000 all ages) in regions North, Central & South 2011 compared with 10 year average (2001-2010)

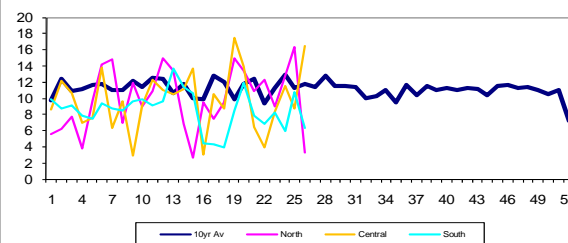


7. Genitourinary System Disorders

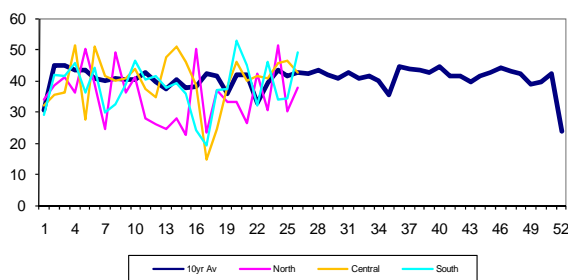
Urinary Tract Infection/Cystitis (ICD9 595 & 599.0) Weekly incidence (Per 100,000 all ages) in regions North, Central & South 2011 compared with 10 year average (2001-2010)



Sexually Transmitted & Oth Genital Infections (ICD9 090-099) Weekly incidence (**MALES** per 100,000 all ages) in regions North, Central & South 2011 compared with 10 year average (2001-2010)



Sexually Transmitted & Oth Genital Infections (ICD9 090-099) Weekly incidence (**FEMALES** per 100,000 all ages) in regions North, Central & South 2011 compared with 10 year average (2001-2010)



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

8. Tabular Summary by Disease:

Week Beginning Ending	27/06/11 - 03/07/11 (provisional)		20/06/11 - 26/06/11		13/06/11 - 19/06/11		06/06/11 - 12/06/11	
	Rate:	Eps:	Rate:	Eps:	Rate:	Eps:	Rate:	Eps:
Allergic Rhinitis (477)	44.9	301	28.2	195	43.8	304	39.8	290
Asthma (493)	10.3	69	8.7	60	10.8	75	10.6	77
Bronchitis (466 & 490)	55.6	373	51.5	356	57.6	400	65.3	476
Bullous Dermatoses (694)	0.1	1	0.3	2	0.3	2	0.1	1
Chickenpox (052)	7.0	47	8.5	59	7.3	51	8.6	63
Common Cold & URTI NOS (460 & 465)	61.5	412	65.0	449	68.9	478	67.9	495
Conjunctiva Disorders (372)	33.3	223	35.0	242	37.7	262	38.1	278
Herpes Simplex (054)	7.0	47	4.6	32	7.3	51	4.7	34
Herpes Zoster (053 Excl 053.1)	6.3	42	5.4	37	6.3	44	6.6	48
Impetigo (684)	8.5	57	7.7	53	8.6	60	5.8	42
Infectious Mononucleosis (075)	0.0	0	0.1	1	0.7	5	0.4	3
Influenza-Like Illness (487)	1.9	13	3.2	22	1.4	10	3.4	25
Intestinal Infectious Diseases (001-009)	14.9	100	12.3	85	13.4	93	17.6	128
Intestinal Infectious Diseases (001-009) 0-4 years	54.4	22	36.1	15	47.7	20	73.5	32
Laryngitis & Tracheitis Acute (464)	3.3	22	2.5	17	3.0	21	4.5	33
Lower Respiratory Tract Infection (LRTI)	61.9	415	58.6	405	64.4	447	74.8	545
Measles (055)	0.1	1	0.0	0	0.3	2	0.1	1
Meningitis & Encephalitis	0.0	0	0.1	1	0.1	1	0.1	1
Mumps (072)	0.1	1	0.1	1	0.0	0	0.0	0
NonInfective Enteritis & Colitis (555-558)	5.1	34	6.7	46	6.1	42	6.0	44
Otitis Media Acute (381.0,382.0 & 382.9)	19.4	130	20.5	142	23.5	163	22.4	163
Peripheral Nervous System Dis (350-359)	7.8	52	7.1	49	8.2	57	7.1	52
Pleurisy (511)	0.4	3	0.4	3	1.3	9	0.7	5
Pneumonia and Pneumonitis (480-486)	0.3	2	0.9	6	1.0	7	0.4	3
Respiratory System Diseases (460-519)	265.2	1778	247.1	1708	282.0	1957	285.2	2079
Rubella (056)	0.0	0	0.0	0	0.0	0	0.0	0
Scabies (133.0)	1.5	10	1.0	7	1.6	11	2.2	16
Sinusitis Acute (461)	13.4	90	16.5	114	18.6	129	19.5	142
Skin & Subcutaneous Tiss Infections (680-686)	78.8	528	59.3	410	66.4	461	58.4	426
Strep Sore Throat & Scarl Periton Absc (034 & 475)	0.7	5	0.9	6	0.7	5	0.7	5
Symptoms Involving Nervous Musculoskeletal (781)	7.6	51	7.8	54	7.6	53	9.5	69
Symptoms Involving Respiratory & Chest (786)	34.3	230	36.3	251	45.5	316	44.0	321
Symptoms Involving Skin & Integument Tissue (782)	53.1	356	40.5	280	44.7	310	50.4	367
Tonsillitis & Acute Pharyngitis (462-463)	51.8	347	47.6	329	51.9	360	51.7	377
Upper Respiratory Tract Infections (URTI)	146.0	979	149.6	1034	162.8	1130	161.5	1177
Urinary Tract Infection Cystitis (595 & 599.0)	41.3	277	37.0	256	40.1	278	42.9	313
Viral Hepatitis (070)	0.0	0	0.1	1	0.0	0	0.0	0
Whooping Cough (033)	0.0	0	0.0	0	0.0	0	0.0	0
Population at Risk:		670333		691252		694088		728847
Number of Practices:		66		69		69		71

Further Information:

The Weekly Returns Service (WRS) was established in 1964 as 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. As from the 1st April 2009 the Birmingham Research Unit became known as the RCGP Research & Surveillance Centre to better reflect the work of the Centre. The Centre is internationally renowned for its expertise on respiratory illnesses, particularly influenza and influenza-like illnesses.

This bulletin can be found at www.rcgp.org.uk/clinical_and_research/rsc.aspx 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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