



Royal College of
General Practitioners

Communicable and Respiratory Disease Report for England & Wales

Key Statistics:

Week Number/Year.....	02/2012
Week Starting – Ending.....	09/01/12-15/01/12
No. of Practices.....	61
No. of Doctors.....	315
Population.....	628357

Key Messages:

National (England & Wales)

- **Asthma:** increased from **10.6** in week 01 to **11.5** in week 02.
- **Acute Bronchitis:** decreased from **130.0** in week 01 to **121.1** in week 02.
- **Common Cold & URTI NOS:** little change from **116.1** in week 01 to **118.4** in week 02.
- **Influenza-Like Illness:** decreased from **10.4** in week 01 to **7.8** in week 02.
- **Respiratory System Diseases:** increased from **396.8** in week 01 to **409.5** in week 02.

Regional (North, Central and South)

Comments limited to conditions currently changing in incidence:

- **Acute Bronchitis:** decreased in the North from **179.6** in week 01 to **123.3** in week 02, increased in the Central region from **117.8** in week 01 to **120.1** in week 02 and with little change in the South from **121.2** in week 01 to **120.9** in week 02.
- **Influenza –Like illness:** decreased in the North from **4.7** in week 01 to **3.4** in week 02, no change in the Central region from **8.9** in week 01 to **8.9** in week 02 and decreased in the South from **13.1** in week 01 to **8.8** in week 02.

Comment:

The incidence of ILI and of other acute respiratory infections remain below the levels we typically see at this time of year.

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

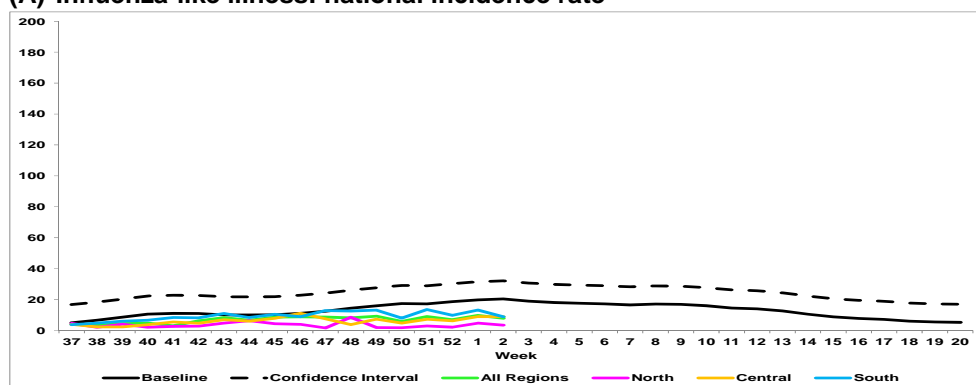
All Regions

	Influenza-like illness	Bronchitis
0-4	5.32	183.63
5-14	1.44	28.74
15-44	12.25	60.87
45-64	5.50	144.92
65+	5.73	268.50
All Ages	7.80	121.11

Regional

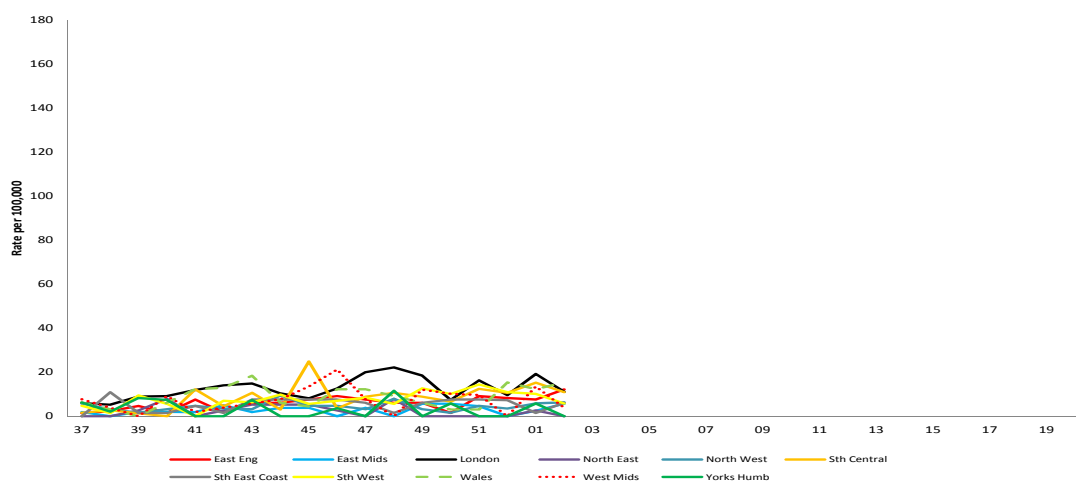
North	3.38
Central	8.86
South	8.80

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

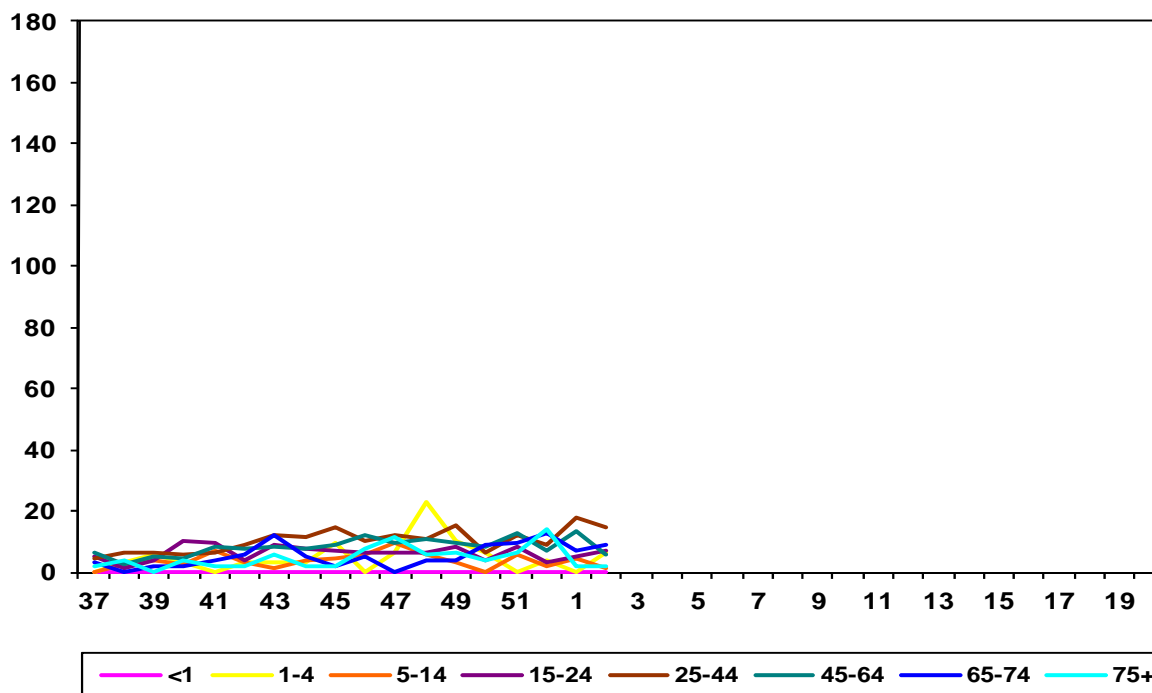


*The incidence rate is plotted against a background of the average influenza incidence during periods when influenza has not been prevalent over the last ten winters. The baseline is presented as a moving average with an upper limit of 2 standard deviations above. Incidence data for the winter of 2011/12 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.

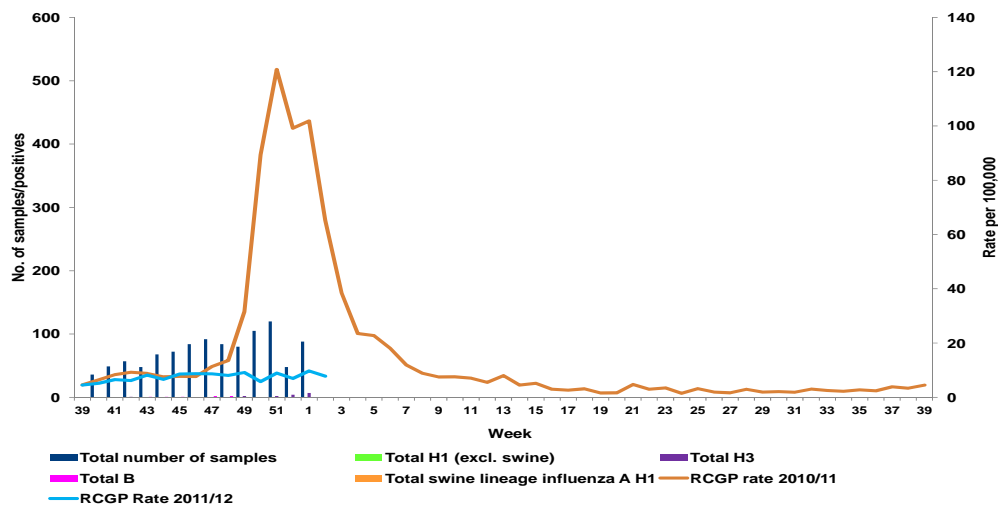
(B) Influenza-like illness: Incidence rates per 100,000 all age by Strategic Health Authority 2011/12



(C) Influenza-like illness: national incidence 2011/12 by age group

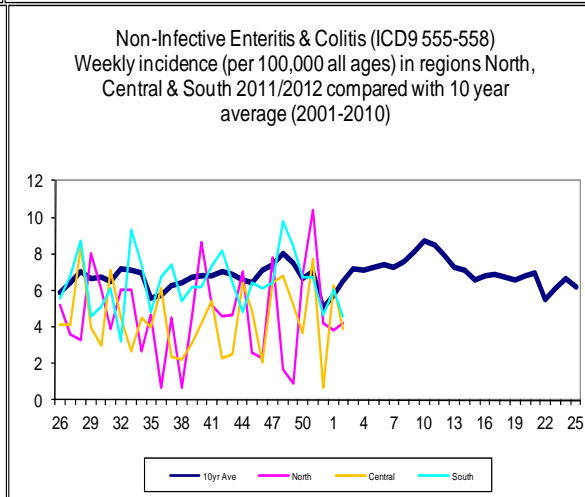
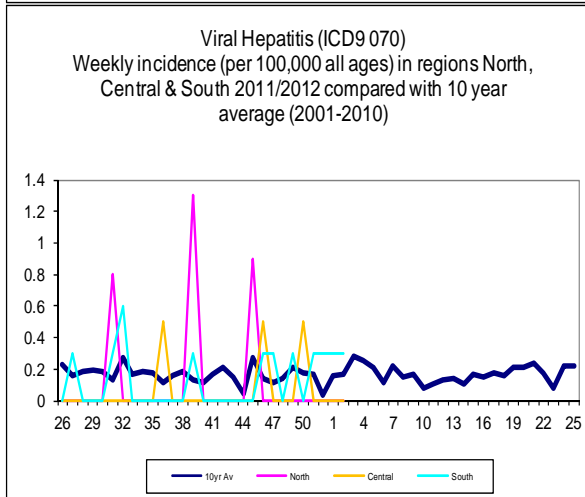
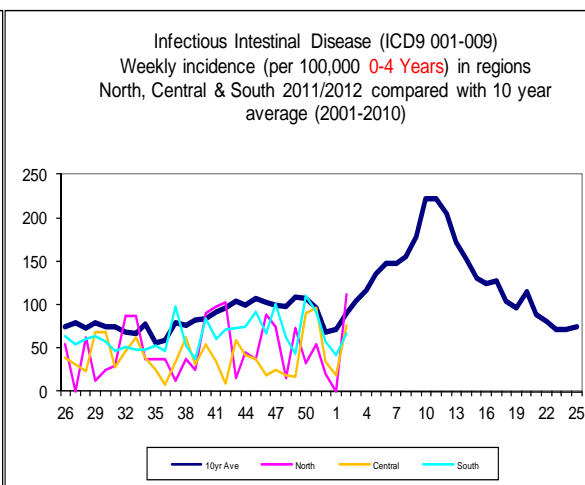
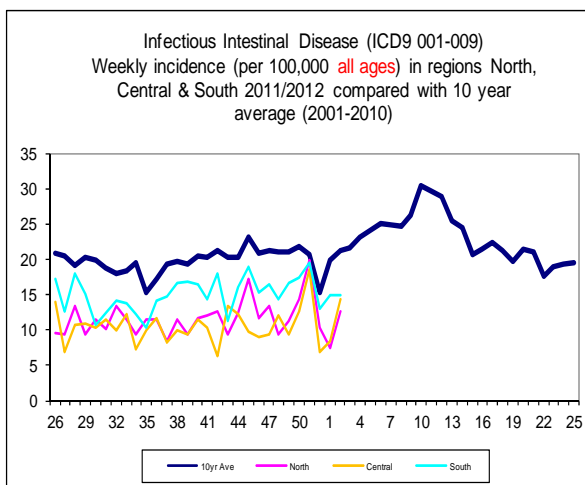


(D) RCGP/HPA Influenza Swabbing Surveillance 2011-12 (all ages, gender & regions combined)

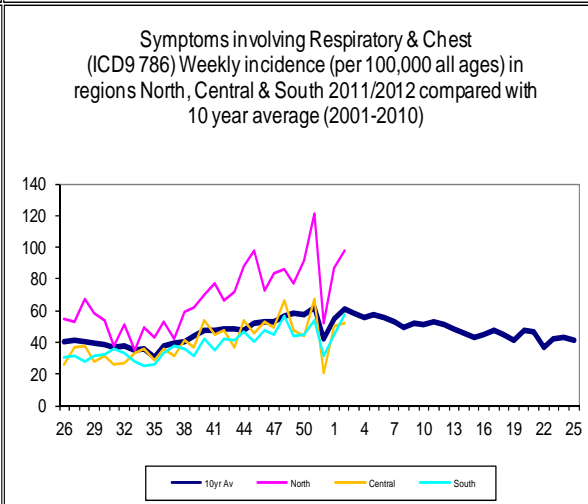
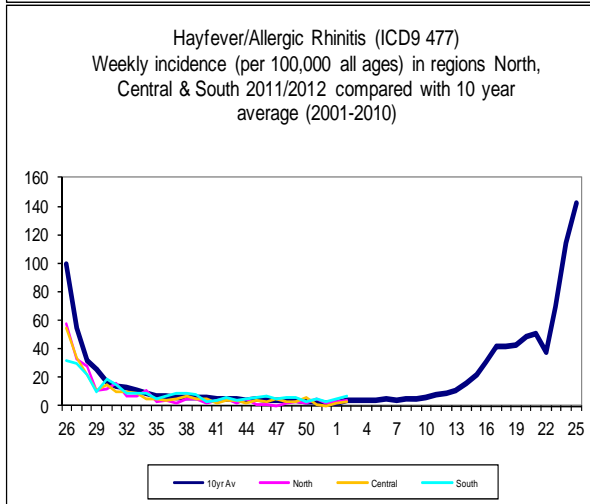
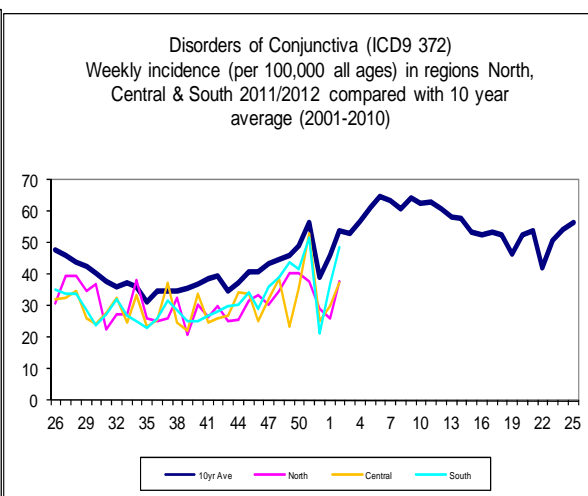
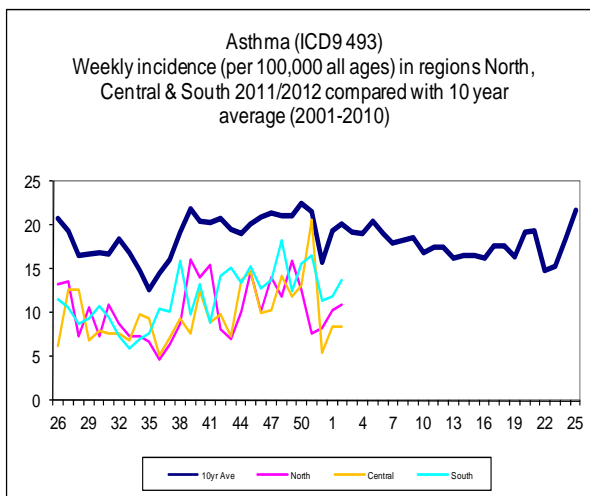


Weekly incidence data collected in the WRS (Weekly Returns Service) are presented for each disease set against the background National weekly average over the previous 10 years (2001-2010). Data are available for 3 supra-regional groupings; North, Central and South. All presentations are for males and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

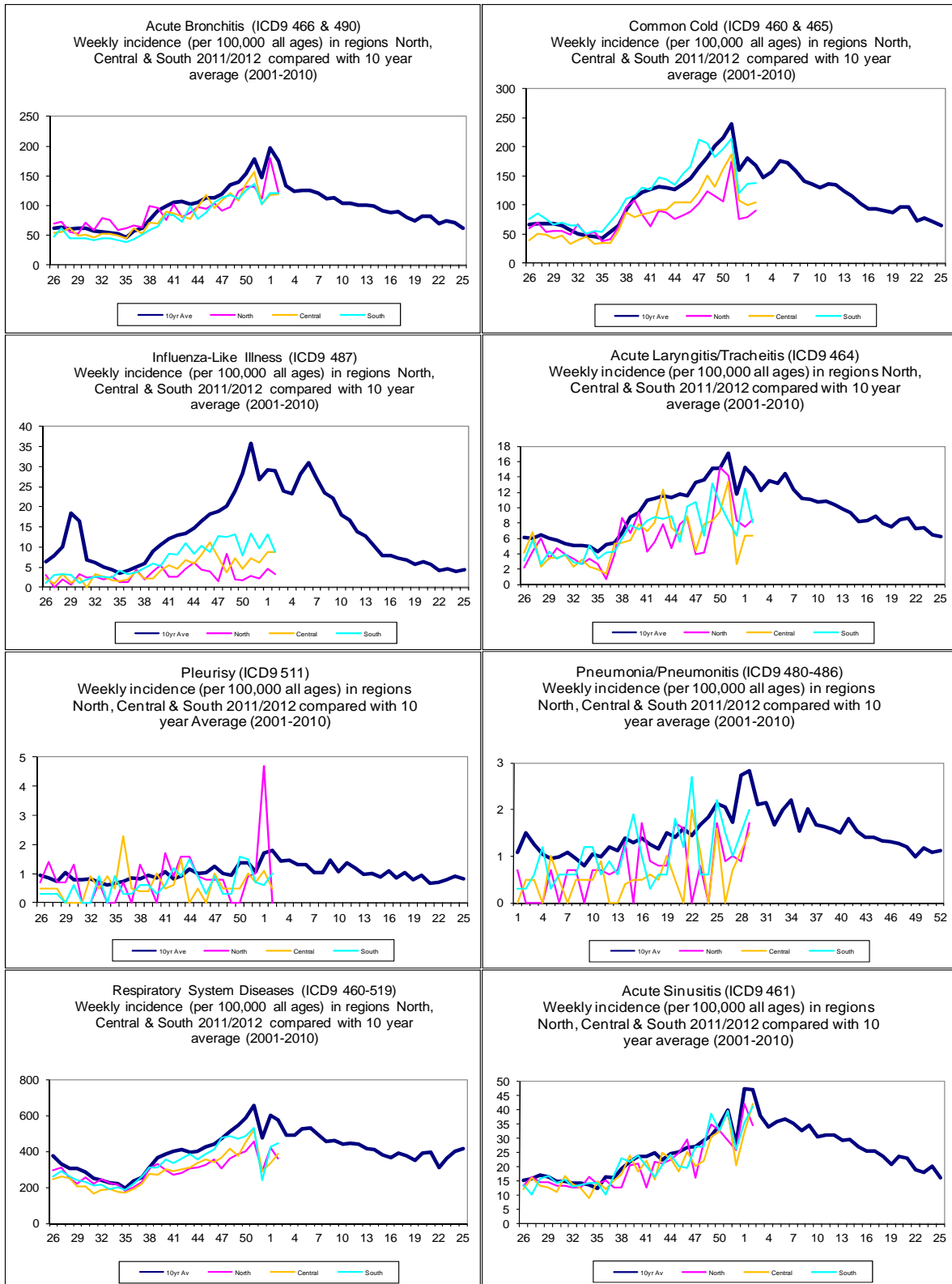
1. Water & Food Borne Disorders:



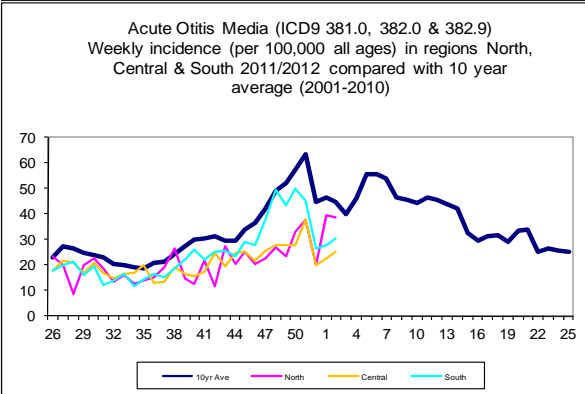
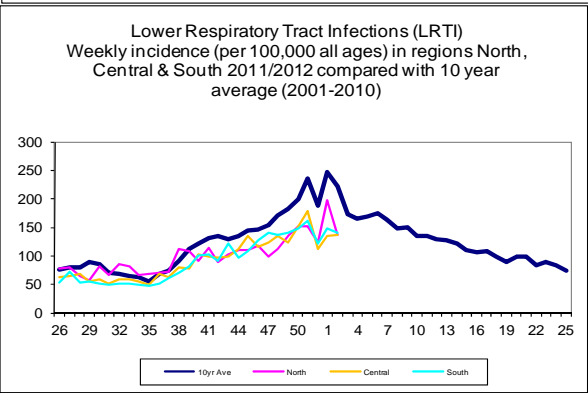
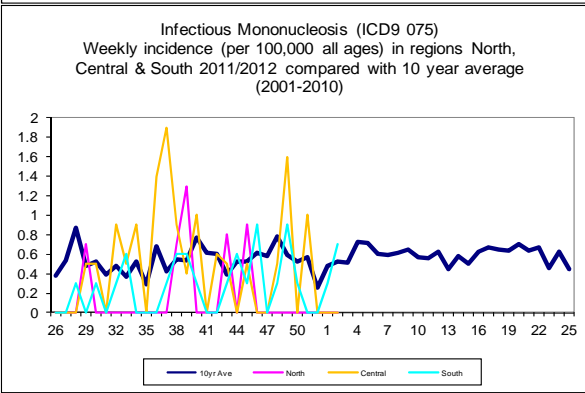
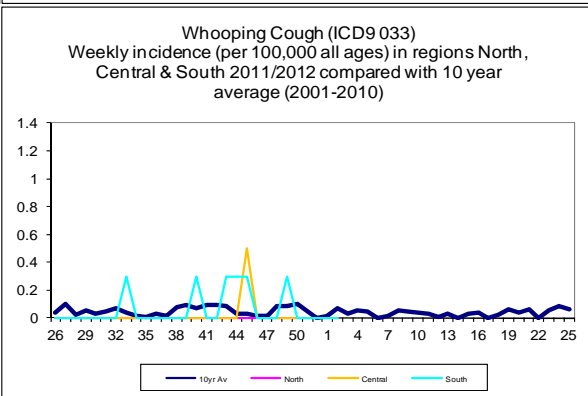
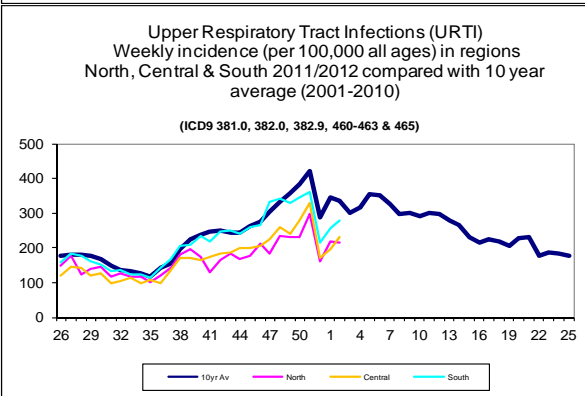
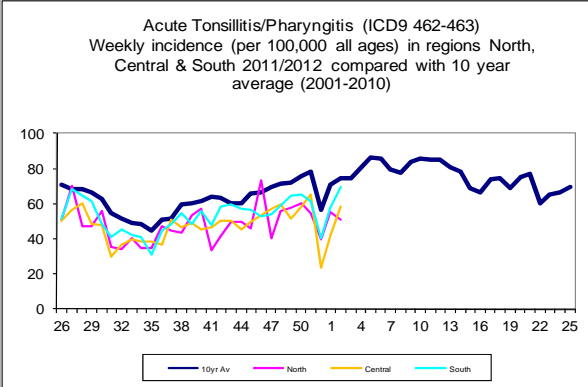
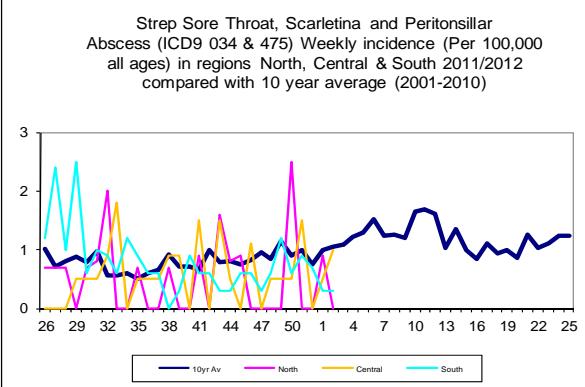
2. Environmentally Sensitive Disorders:



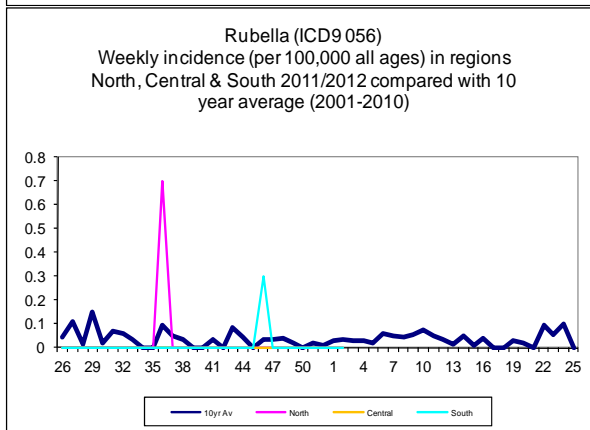
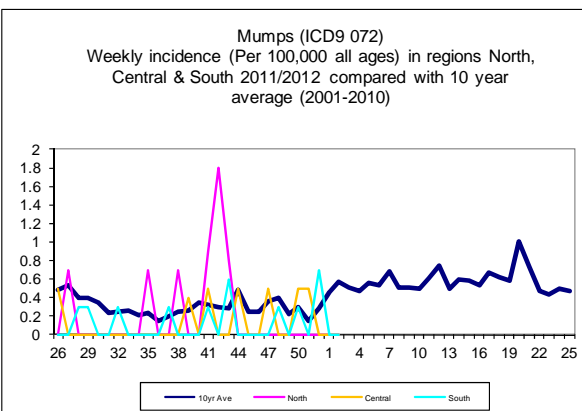
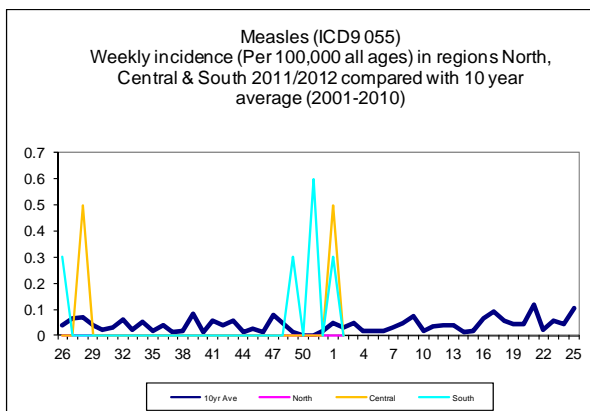
3. Respiratory Infections:



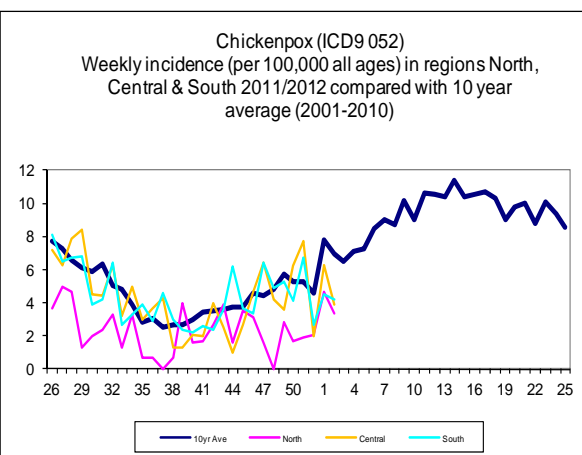
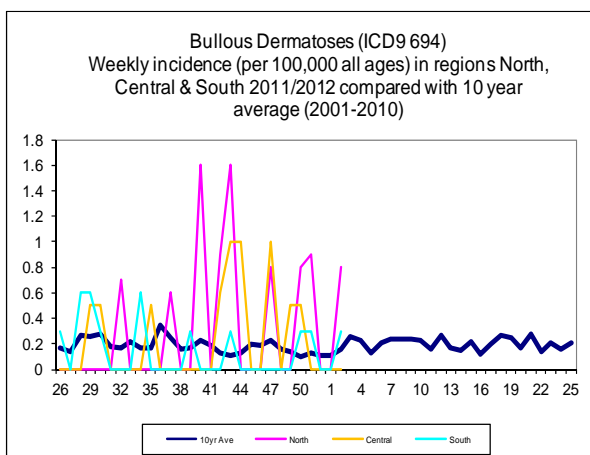
Respiratory Infections (continued):



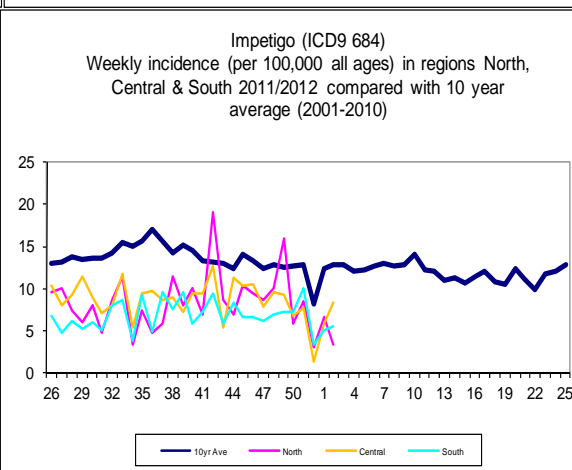
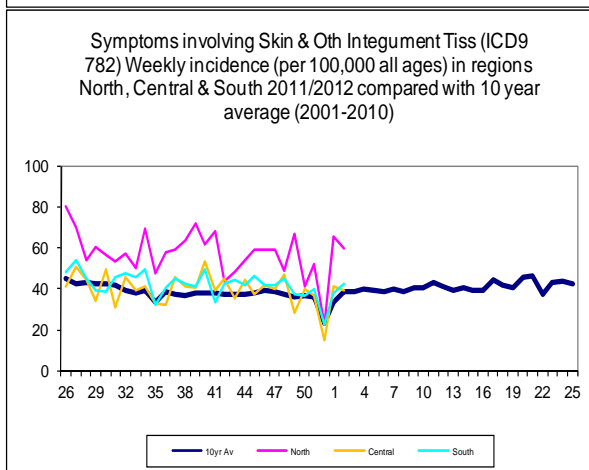
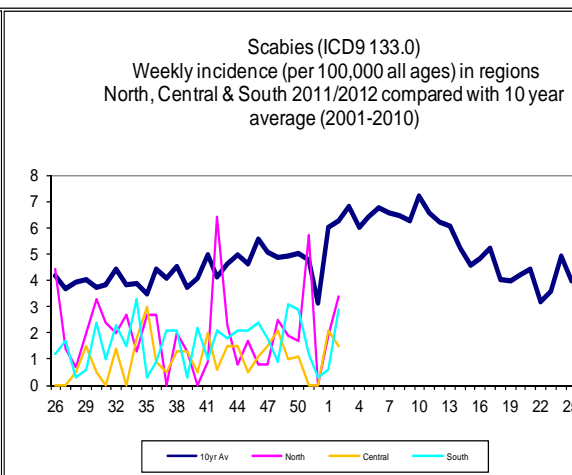
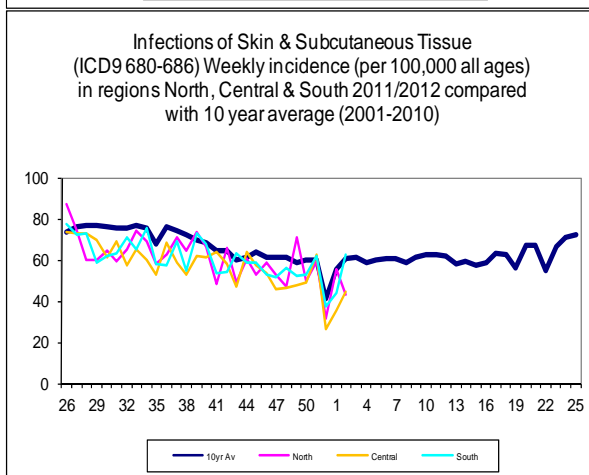
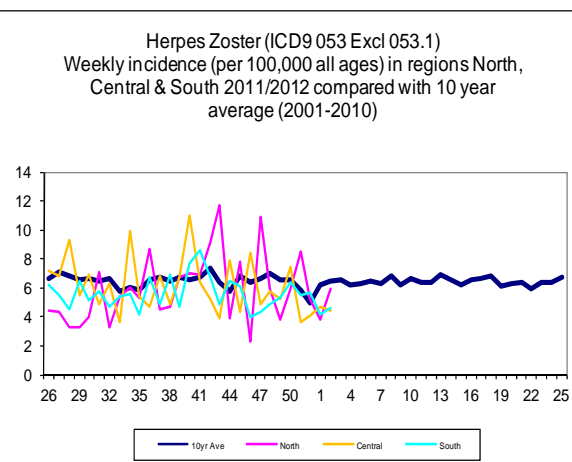
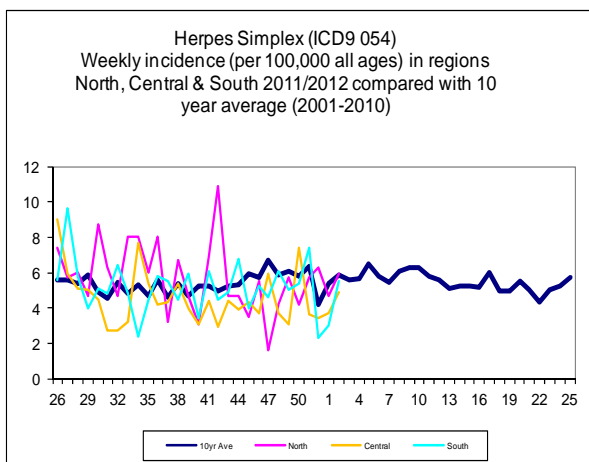
4. Vaccine Sensitive Disorders:



5. Skin Contagions:

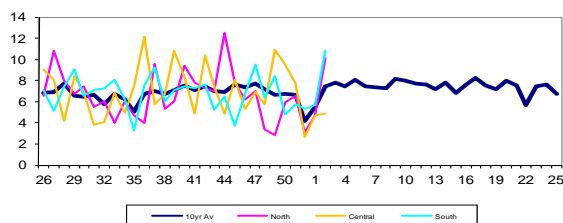


Skin Contagions (continued):



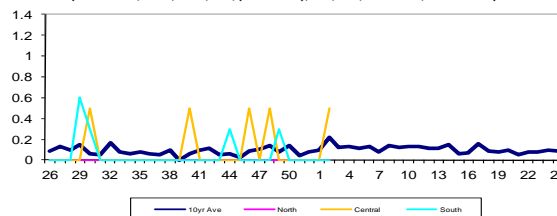
6. Disorders Affecting the Nervous System:

Disorders of The Peripheral Nervous System (ICD9 350-359) Weekly incidence (per 100,000 all ages) in regions Norths, Central & South 2011/2012 compared with 10 year average (2001-2010)

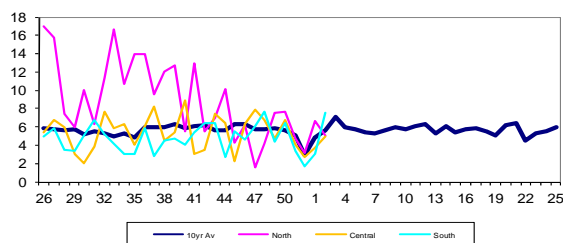


Meningitis/Encephalitis Weekly incidence (per 100,000 all ages) in regions North, Central & South 2011/2012 compared with 10 year average (2001-2010)

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

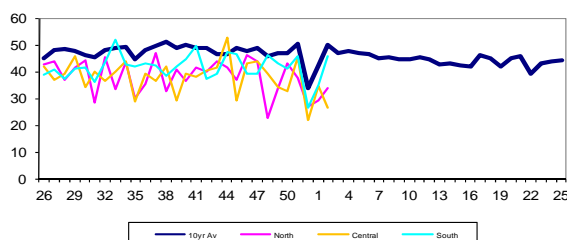


Symptoms Involving Nervous & Musculoskeletal (ICD9 781) Weekly incidence (per 100,000 all ages) in regions North, Central & South 2011/2012 compared with 10 year average (2001-2010)

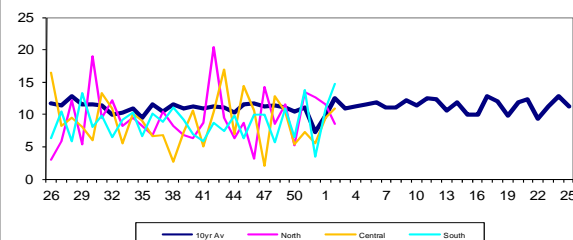


7. Genitourinary System Disorders

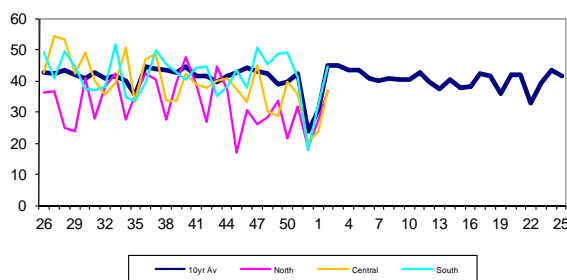
Urinary Tract Infection/Cystitis (ICD9 595 & 599.0) Weekly incidence (Per 100,000 all ages) in regions North, Central & South 2011/2012 compared with 10 year average (2001-2010)



Sexually Transmitted & Oth Genital Infections (ICD9 090-099) Weekly incidence (**MALES** per 100,000 all ages) in regions North, Central & South 2011/2012 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 2011/2012 compared with 10 year average (2001-2010)



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

8. Tabular Summary by Disease:

Week Beginning Ending	09/01/12 - 15/01/12 (provisional)		02/01/12 - 08/01/12		26/12/11 - 01/01/12		19/12/11 - 25/12/11	
	Rate:	Eps:	Rate:	Eps:	Rate:	Eps:	Rate:	Eps:
Allergic Rhinitis (477)	5.1	32	4.0	25	1.8	10	3.5	22
Asthma (493)	11.5	72	10.6	67	9.2	50	16.3	102
Bronchitis (466 & 490)	121.1	761	130.0	822	103.9	563	142.0	889
Bullous Dermatoses (694)	0.3	2	0.0	0	0.0	0	0.3	2
Chickenpox (052)	4.0	25	5.1	32	2.4	13	6.2	39
Common Cold & URTI NOS (460 & 465)	118.4	744	116.1	734	109.7	594	199.6	1249
Conjunctiva Disorders (372)	43.0	270	33.1	209	23.8	129	49.9	312
Herpes Simplex (054)	5.4	34	3.5	22	3.3	18	5.9	37
Herpes Zoster (053 Excl 053.1)	4.8	30	4.3	27	5.2	28	5.4	34
Impetigo (684)	6.0	38	5.5	35	2.8	15	9.1	57
Infectious Mononucleosis (075)	0.3	2	0.2	1	0.0	0	0.3	2
Influenza-Like Illness (487)	7.8	49	10.4	66	7.4	40	9.7	61
Intestinal Infectious Diseases (001-009)	14.3	90	11.7	74	10.9	59	19.3	121
Intestinal Infectious Diseases (001-009) 0-4 years	77.2	29	29.1	11	46.1	15	87.6	33
Laryngitis & Tracheitis Acute (464)	7.6	48	9.8	62	5.7	31	10.9	68
Lower Respiratory Tract Infection (LRTI)	138.9	873	152.9	967	118.9	644	164.7	1031
Measles (055)	0.0	0	0.3	2	0.0	0	0.3	2
Meningitis & Encephalitis	0.2	1	0.0	0	0.0	0	0.0	0
Mumps (072)	0.0	0	0.0	0	0.4	2	0.2	1
NonInfective Enteritis & Colitis (555-558)	4.3	27	5.7	36	3.5	19	7.7	48
Otitis Media Acute (381.0,382.0 & 382.9)	30.2	190	28.2	178	23.6	128	41.5	260
Peripheral Nervous System Dis (350-359)	8.8	55	5.2	33	4.2	23	6.6	41
Pleurisy (511)	0.6	4	1.4	9	0.7	4	1.3	8
Pneumonia and Pneumonitis (480-486)	1.8	11	1.3	8	0.9	5	1.0	6
Respiratory System Diseases (460-519)	409.5	2573	396.8	2509	319.0	1728	515.0	3223
Rubella (056)	0.0	0	0.0	0	0.0	0	0.0	0
Scabies (133.0)	2.5	16	1.3	8	0.2	1	1.6	10
Sinusitis Acute (461)	40.4	254	35.7	226	24.7	134	37.9	237
Skin & Subcutaneous Tiss Infections (680-686)	53.0	333	43.3	274	33.2	180	61.8	387
Strep Sore Throat & Scarl Periton Absc (034 & 475)	0.5	3	0.5	3	0.4	2	1.0	6
Symptoms Involving Nervous Musculoskeletal (781)	6.2	39	3.8	24	2.2	12	3.8	24
Symptoms Involving Respiratory & Chest (786)	63.3	398	53.6	339	32.3	175	69.0	432
Symptoms Involving Skin & Integument Tissue (782)	44.9	282	43.7	276	20.7	112	41.1	257
Tonsillitis & Acute Pharyngitis (462-463)	62.4	392	52.5	332	35.8	194	61.5	385
Upper Respiratory Tract Infections (URTI)	251.4	1580	232.5	1470	193.8	1050	340.5	2131
Urinary Tract Infection Cystitis (595 & 599.0)	37.2	234	34.0	215	25.5	138	44.3	277
Viral Hepatitis (070)	0.2	1	0.2	1	0.0	0	0.2	1
Whooping Cough (033)	0.0	0	0.0	0	0.0	0	0.0	0
Population at Risk:		628357		632239		541716		625865
Number of Practices:		61		62		52		61

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 (RSC) 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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