Antenatal screening of infections in the North West Summary of key findings



Catherine Quigley, Regional Epidemiologist HPA North West

June 2011

Surveillance of screening for Hepatitis B, HIV, Syphilis, Rubella

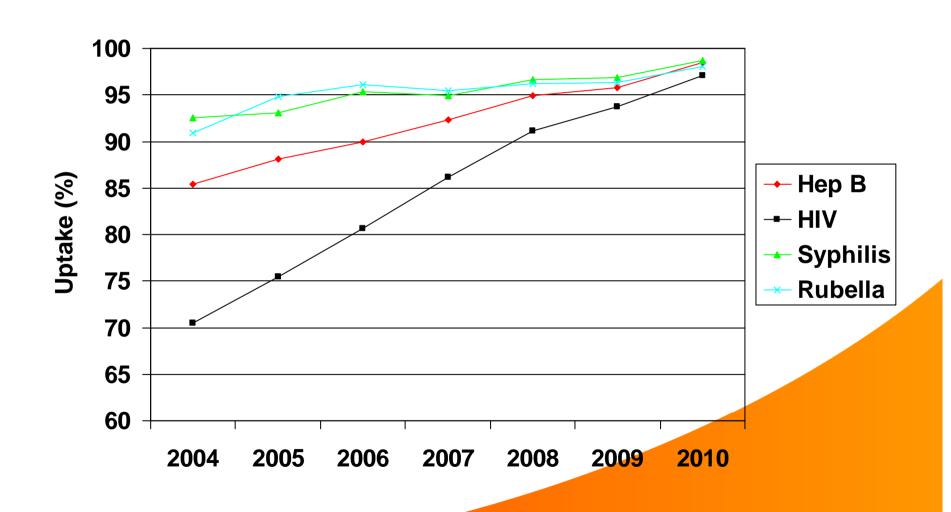


Since mid-2003

Data sent quarterly from maternity units to Health Protection Units:

- -No. of women booked & source of this data
- -By disease, numbers:
- offered tests,
- declined,
- not screened/ previously diagnosed,
- screened,
- positive/rubella susceptible

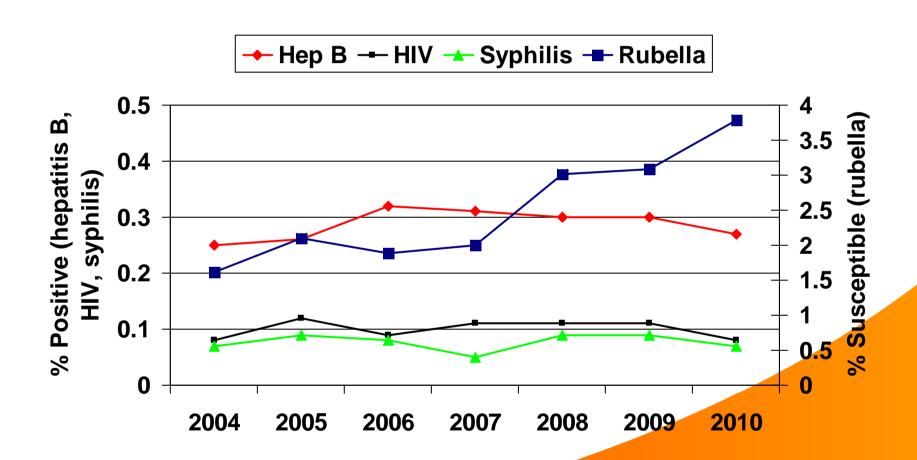
Uptake of screening by infection, North West, 2004 – 2010 (2010 data provisional)



Health ProtectionAgency

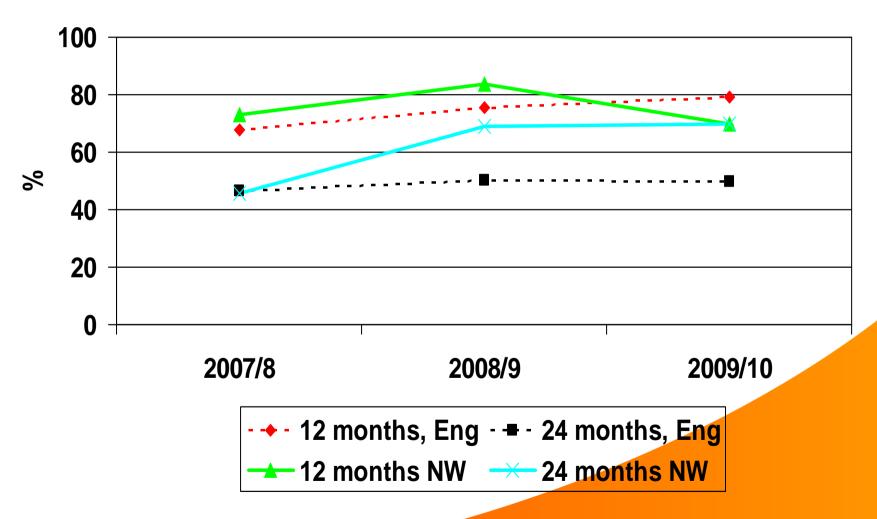
Proportion of women screening positive (hepatitis Health Protection B, HIV, syphilis) & susceptible to rubella

North West, 2004 – 2010 (2010 data provisional)



Annual neonatal hepatitis B immunisation coverage, North West & England 2007/8 to 2009/10

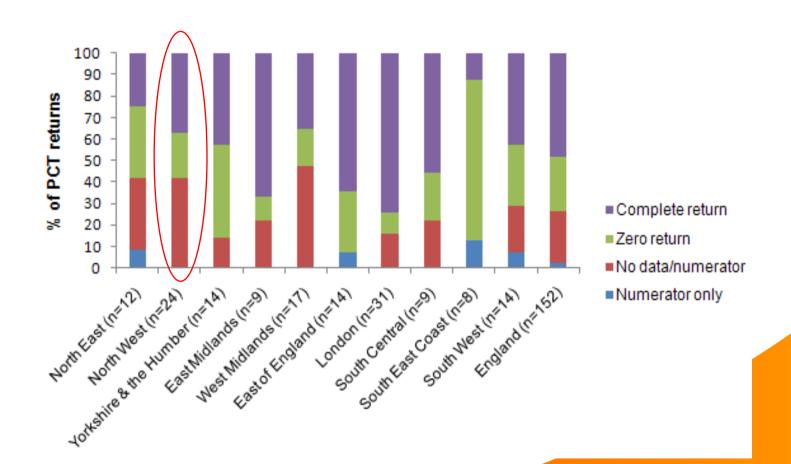




Source: Health Protection Report, Vol 4 No 47, 26July 2010

Completeness of Hepatitis B coverage returns by Strategic Health Authority, 2009/10





Summary

Average of >90,000 women screened annually

>90% uptake for all infections since 2008, >97% in 2010 (provisional)

Uptake of HIV screening has increased significantly

Highest positivity for hepatitis B (> 200 women/yr positive on average)

Rubella susceptibility has increased, ? an issue with laboratory cut off

Babies born to hepatitis B positive mothers:

~70% immunised at 12 months & 24 months, ~59% PCTs submit returns

Issues with data remain

booking data in 2011 returns to date:

only 2/12 units get data from maternity unit IT system



Acknowledgements



Maternity units
Health Protection Units
Stef Davies & Kathy Chandler, HPA North West

Links to reports

National:

http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1245581538007

http://infectiousdiseases.screening.nhs.uk/publications

http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/VaccineCoverageAndCOVER/ (vaccine coverage)

NW:

http://www.hpa.org.uk/ProductsServices/LocalServices/NorthWest/RegionalPublications/nwest_08Antenatal/