

AMR: Pig sector overview



DR ZOE DAVIES
NATIONAL PIG ASSOCIATION



AMR is not a new issue



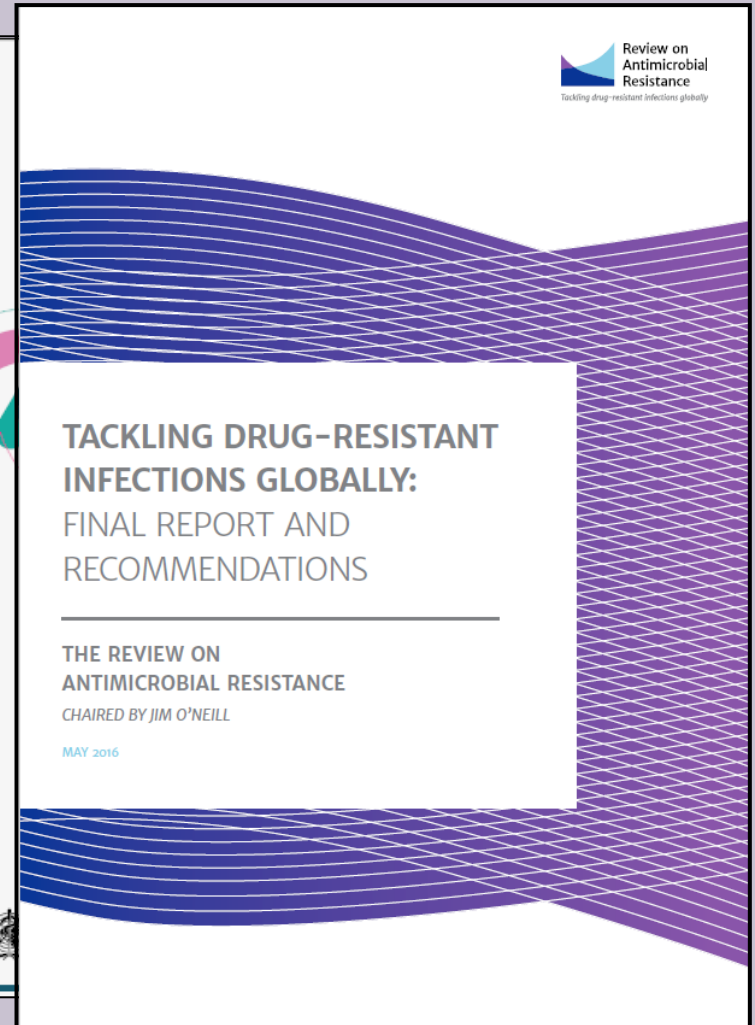
Department of Health
Department for Environment Food & Rural Affairs

**UK Five Year Antimicrobial Resistance Strategy
2013 to 2018**

Northern Ireland Executive
Uroddiaeth Cymru Welsh Government
The Scottish Government
Riaghalas na h-Àird



**GLOBAL ACTION PLAN
ON ANTIMICROBIAL
RESISTANCE**

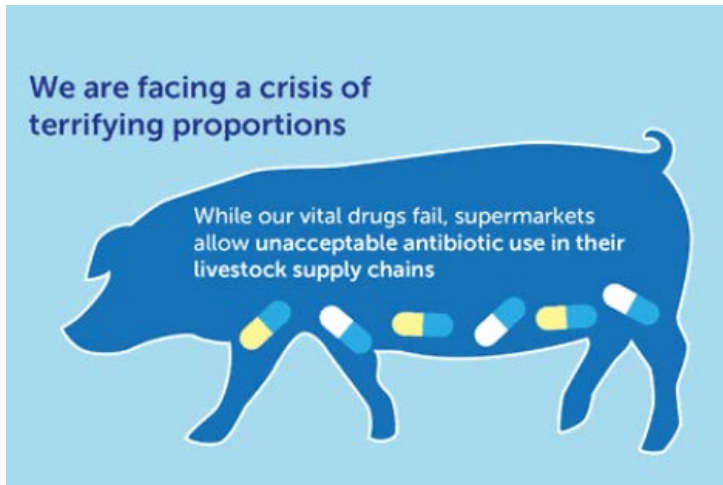


Review on Antimicrobial Resistance
Tackling drug-resistant infections globally

**TACKLING DRUG-RESISTANT INFECTIONS GLOBALLY:
FINAL REPORT AND RECOMMENDATIONS**

THE REVIEW ON ANTIMICROBIAL RESISTANCE
CHAired BY JIM O'NEILL
MAY 2016

Media Interest



- “ **Marketing misinformation**
- “ **Applying pressure to retailers**
- “ **Lobbying MPs and Ministers**



Farming

Revealed: MRSA variant found in British pork at Asda and Sainsbury's

Tests find UK-produced pork products infected with the livestock strain of the superbug, with potentially serious implications for human health

Andrew Wasley, Kjeld Hansen and Fiona Harvey

Monday 3 October 2016 13.30 BST



Shares 9,088
Comments 1,730





News > Science

Antibiotics: World leaders sign groundbreaking UN declaration to tackle 'biggest global health threat'

If antibiotics lose their effectiveness then key medical procedures – including gut surgery, caesarean sections, joint replacements and chemotherapy – could become too dangerous to perform

Adam Withnall | @adamwithnall | 2 hours ago | 17 comments

f t 3K shares



World leaders reaffirm commitment to addressing antimicrobial...



World leaders meeting at the UN have committed to taking a broad, coordinated approach to tackling the root causes of antimicrobial resistance (AMR). Credit: UN News Centre





Antibiotic Use



- ⦿ **EU review of veterinary medicines & medicated feeds**
- ⦿ **O'Neill Review on AMR (May)**
- ⦿ **Government response (Sept)**
 - **50mg/kg reduction target by 2018**
 - **Sector-specific targets to be agreed by 2017**
 - **Cross Government working**
 - **UN General Assembly meeting (Sept)**
- ⦿ **Pig industry vulnerable due to lack of use data**

Early pig sector actions

- **Red tractor requirement for annual collation from 2014**
- **NPA allied industry in-feed medication recording**
- **Cross sector working through RUMA**
- **Pig Health and Welfare Council AB sub-group**
- **Close working with VMD and APHA**
- **Pig industry medicines hub – Electronic recording**
- **NPA Antibiotic Stewardship Programme**



Antibiotic Stewardship



NPA Pig Industry Antibiotic Stewardship Programme

Striving to minimise
the use of antibiotics in
the pig sector,
consistent with
responsible human and
food-animal medicine.

May 2016



- Promotes on farm electronic recording of antibiotic use
- Allows benchmarking and collation
- Realistic data to set sensible targets
- Endorses PVS prescribing principles
- Compliance through Red Tractor



Challenges



- **Data for less than 20% of the finished pigs for 2015 & 2016 so far**
- **Need a robust baseline to set sensible targets**
- **Some vets and producers still not convinced – wait for legislation**
- **Need retailers to work with us**

Meeting the issues head on



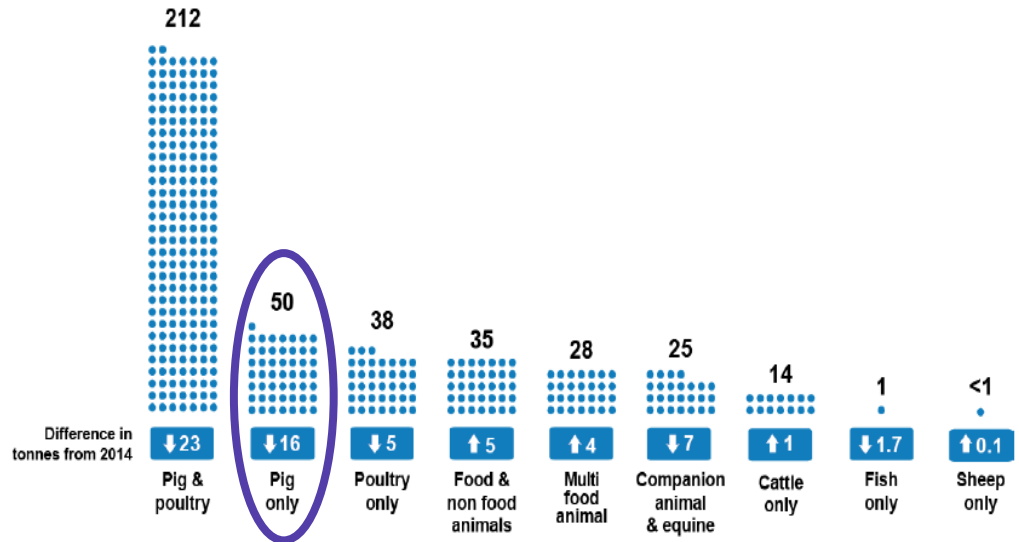
- **NPA Producer Group and AHDB Board leadership**
- **RT consultation proposals**
- **Working proactively to change behaviour**
- **Positive practical case studies**
- **Asking retailers and processors to apply pressure but stick with eMB**
- **Working with vets to prevent knee jerk reactions!**

Good progress already

UK VARSS 2016 report

- Overall 10% reduction in sales of across all species (62 – 56mg/PCU)
- Pig only product sales down by 24% (16T)
- Sales of CIAs remain low as does resistance
- Colistin use is at 0.12mg/PCU - lower than EMA recommended minimum of 1mg/PCU
- Next year will be even better!

Total sales in tonnes of active ingredient by species indicated



The mg/PCU for products only authorised for use in pigs and/or poultry decreased by 16% between 2014 and 2015, from 192 mg/PCU to 162 mg/PCU.

Any questions?



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[@Mrs_Pig](#)

