

Defra antimicrobial resistance co-ordination group

Seventy eighth meeting

Wednesday 22nd September 2021

10:30 – 13:00

Present:

Agri-Food and Biosciences Institute, Northern Ireland (AFBI)
Animal and Plant Health Agency (APHA)
Biotechnology and Biological Sciences Research Council (BBSRC)
Centre for Environment, Fisheries and Aquaculture Science (CEFAS)
Department of Agriculture, Environment and Rural Affairs, Northern Ireland (DAERA)
Environment Agency (EA)
Food Standards Agency (FSA)
Public Health Scotland (PHS)
UK Health Security Agency (UKHSA)
Scotland's Rural College (SRUC)
Scottish Government (SG)
Veterinary Medicines Directorate (VMD)
Welsh Government (WG)

1. Update on recent findings

The data presented under 'Update on recent findings' are obtained from clinical samples submitted for diagnostic purposes by private veterinary surgeons to the network of government laboratories and their partner providers in England and Wales, Scotland, and Northern Ireland, from ongoing monitoring of healthy livestock, and investigations of human *Salmonella* outbreaks in those regions.

The results presented in this section were preliminary and subject to change. The final annual figures will be published in the '*Salmonella* in Livestock Production in Great Britain' and the 'UK-VARSS' annual reports and will be made available via GOV.UK.

1.1 England and Wales

- Multi-drug resistant (MDR) *S. Newport* was detected in a pig and a MDR *S. Typhimurium* was detected in a foal.
- MDR *S. Infantis* and MDR *S. Kentucky* were detected in raw pet food.
- Extended Spectrum Beta-Lactamase (ESBL)-producing *S. Infantis* was detected in a chicken and a dog.
- Methicillin-resistant *Staphylococcus aureus* (MRSA) was detected in a piglet.

1.2 Scotland

- Three MDR *S. Typhimurium* and four monophasic *S. Typhimurium* isolates were detected in cattle and pigs respectively.
- An ESBL-producing *E. coli* was detected in a dog and three ESBL-producing *Klebsiella pneumoniae* isolates were detected in cattle from the same farm.
- One MDR *K. pneumoniae* was detected in a parrot.
- No MRSA was detected.

1.3 Northern Ireland

- Six ESBL-producing *E. coli* isolates were detected in cattle.
- No MRSA was detected.

2. VARSS Report 2020 key findings

The VMD provided a preliminary overview of the key findings of the UK Veterinary Antibiotic Resistance and Sales Surveillance (UK-VARSS) report. This has been published and is available on [GOV.UK](https://www.gov.uk).

3. Guest speaker: Antimicrobial resistance in raw pet food

Guest speaker Genever Morgan from the University of Liverpool discussed her research on antimicrobial resistance (AMR) in raw pet food and the AMR impact on animal and public health of feeding raw diets to dogs.

4. AOB

N/A

5. Date of next meeting

Tuesday 30th November 2021