

## Defra antimicrobial resistance co-ordination group

Eighty-first meeting

Wednesday 8<sup>th</sup> June 2022

10:30 – 14:30

### 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)  
Department for Environment, Food and Rural Affairs (DEFRA)  
Food Standards Agency (FSA)  
Public Health Scotland (PHS)  
Scottish Government (SG)  
Scotland's Rural College (SRUC)  
UK Health Security Agency (UKHSA)  
Veterinary Medicines Directorate (VMD)

### 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 are 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. Infantis* were detected in raw pet food.
- A ciprofloxacin resistant *S. Kentucky* was detected in raw pet food.
- *S. Typhimurim* ST19 with CTX-M-1 were detected in dogs and a horse.

#### 1.2. Scotland

- MDR *S. Typhimurim* ST19 was isolated from a calf brain and a pig.
- MDR monophasic *S. Typhimurium* was detected in pig faeces.
- Methicillin-resistant *Staphylococcus pseudintermedius* was detected in a canine wound and ear.

### 1.3 Northern Ireland

- MDR monophasic *S. Typhimurium* was detected in pigs and a cow.

### 2. Quadripartite AMR roundtable readout

The VMD provided a readout on workshops hosted by the VMD on behalf of the Food and Agriculture Organisation (FAO) for the Quadripartite (FAO, WHO, OIE, UNEP).

### 3. Methicillin resistant *S. pseudintermedius* study

Guest speaker Andrew Robb from the Scottish Reference Laboratory discussed the results of a VMD-funded study which investigated antimicrobial susceptibility and population structure of *S. pseudintermedius* isolated in Scotland.

### 4. Discussion on storm overflows

Tom Davies from Defra provided an overview of the government's Storm Overflows Discharge Reduction Plan. The group held a discussion on the recent [consultation](#) on this plan from an AMR and animal health perspective.

### 5. Fosfomycin resistance and the *fosA3* gene

The group held a discussion on fosfomycin resistance and presence of the *fosA3* gene in animals in the UK.

### 6. AOB

N/A

### 7. Date of next meeting

19<sup>th</sup> September 2022