

DEFRA ANTIMICROBIAL RESISTANCE CO-ORDINATION (DARC) GROUP

SEVENTIETH MEETING TUESDAY 25 JUNE 2019 11:00 – 16:00

Present: Agri-Food and Biosciences Institute (AFBNI)
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)
NHS Scotland (NHSS)
Public Health England (PHE)
Scotland's Rural College (SRUC)
Scottish Government (SG)
Veterinary Medicines Directorate (VMD)
Welsh Government (WG)
World Organisation for Animal Health (OIE)

1. Update on recent findings

The data presented under 'Update on recent findings' are obtained from submissions of cases of clinical disease by Private Veterinary Surgeons to the network of government laboratories and their partner providers in England and Wales, Scotland and Northern Ireland and from monitoring of healthy livestock and investigations of possible links with human Salmonella outbreaks in those regions. Data from the testing of chickens and turkeys under the Salmonella National Control Programmes are not included here.

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

- Across all animal species, *Salmonella* incidents increased by 46% compared to the same period in the previous year (2018: 201, 2019: 294).
- A 69% increase in *Salmonella* Typhimurium incidents was observed compared to the same period in the previous year (2019; 27 incidents); horses accounted for 37% of the incidents.
- A 50% increase in monophasic *Salmonella* Typhimurium incidents was observed compared to the same period in the previous year (2018: 12, 2019: 18).
- Ten ESBL-producing bacteria were isolated; nine from cattle and one from a pig.
- No MRSA were isolated.

1.2 Scotland

- During February - May, four *Salmonella* Typhimurium incidents were obtained from bovine samples, and one monophasic *Salmonella* Typhimurium isolate was recovered from a pig.

- Four ESBL-producing Enterobacteriaceae were recovered in the last quarter: one *Klebsiella pneumoniae* from bovine milk, an *E. coli* from bovine milk, an *E. coli* from a suckler calf septicaemia case and one *Proteus* from canine urine.
- One MRSA incident was reported in a cat and four MRSP incidents were reported in dogs and cats.

1.3 Northern Ireland

- During February - May, one *Salmonella* Typhimurium isolate was recovered from a euthanised pig and six monophasic *Salmonella* Typhimurium isolates were recovered mostly from pig and pork.
- Eleven ESBL-producing Enterobacteriaceae isolates were recovered from cattle.
- Fifty-three *S. aureus* isolates were identified; one was reported as MRSA from a pig.

2. DARC Terms of Reference Revision

Following from an action from the DARC meeting on 20 February 2019, the DARC Terms of Reference were revised and will be updated on [GOV.UK](https://www.gov.uk) shortly.

3. Update on Consumption Projects

Cattle: eMB Cattle is being piloted by AHDB until the end of 2019.

Poultry: The 2018 BPC data are to be published soon.

Pigs: AHDB released the eMB [2018 pig usage data](#) on 30 May 2019, which showed usage to have decreased a further 16% compared to 2017.

Gamebirds: Between 2016 and 2017 usage reduced by 36% and between 2017 and 2018 usage reduced by 24%.

4. Surveillance of Veterinary Pathogens

Representatives from APHA and the VMD gave an overview of the scanning surveillance programme used to detect new and emerging resistance through sensitivity testing of clinically relevant isolates.

5. EFSA Scientific Opinion

A representative from APHA gave an overview to the group on the EFSA Scientific Opinion "[Technical specifications on harmonised monitoring of resistance in zoonotic and indicator bacteria from food-producing animals and food](#)" published on 5 June 2019.

6. EU Update

- The Committee for Medicinal Products for Veterinary Use (CVMP) adopted an opinion recommending 'No MRL required' for residues of bambamycin (flavomycin, glycopospholipid) in rabbits following oral use.
- The CVMP concluded a referral procedure for veterinary medicinal products containing paromomycin to be administered parenterally to pigs; marketing

authorisations for the concerned veterinary medicinal products are suspended because of a negative benefit-risk balance.

- The public consultation on the draft second AMEG scientific advice to the European Commission ended on 30 April 2019.

7. International AMR Activities

Presentations were given to the DARC group on the following:

- FAO AMR Reference Centre activities (APHA)
- OIE International update (OIE)
- CODEX Task Force (VMD)

8. Date of the Next Meeting

Friday 6 September 2019, 11AM, VMD