

# Animal and Environment Antimicrobial Resistance (AMR) Annual Review 2020/21



Llywodraeth Cymru  
Welsh Government

## Arwain Vet Cymru

All farm & mixed-species veterinary practices in Wales invited to nominate a practice Veterinary Prescribing Champion (VPC).

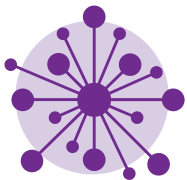
Veterinary Prescribing Champions underwent bespoke online training in **September 2020**.

Outputs include **antibiotic stewardship action plans** for their practices and the development of policy recommendations for veterinary prescribing.

**Over 80% of practices** signed up.  
**39 Veterinary Prescribing Champions** representing  
**37 veterinary practices** in Wales.

Champions meet regularly for **facilitated discussion groups and workshops** with the explicit aim of **improving antimicrobial prescribing** in cattle and sheep.

More detail can be seen in the peer-reviewed publication in the journal Antibiotics, available here [www.mdpi.com/2079-6382/10/3/253](http://www.mdpi.com/2079-6382/10/3/253).



**Welsh Lamb and Beef Producers** developed a system for **capturing and recording antibiotic usage data, at farm level**. Following a successful trial stage, the system is now capturing live data.



An exercise by **lechyd Da** to investigate feasibility and willingness to **collate antibiotic supply data identified key requirements and barriers**

**Wales Animal and Environment Delivery Group** members contributed towards training material to **improve husbandry and health of dairy bull calves**, with a view to reducing the need to use antibiotics in these vulnerable animals.



The **UK Centre for Ecology & Hydrology** undertook a review of the transmission of AMR in the rural water environment in Wales. The report discusses the evidence of cause and **impacts of the main direct and indirect drivers of AMR** and will help inform our future policy response. The Report is available at [www.erammp.wales/amr](http://www.erammp.wales/amr)

