



Veterinary
Medicines
Directorate

Antibiotic Stewardship for Animal Health

Niloy Acharyya
27 June 2018



Veterinary
Medicines
Directorate

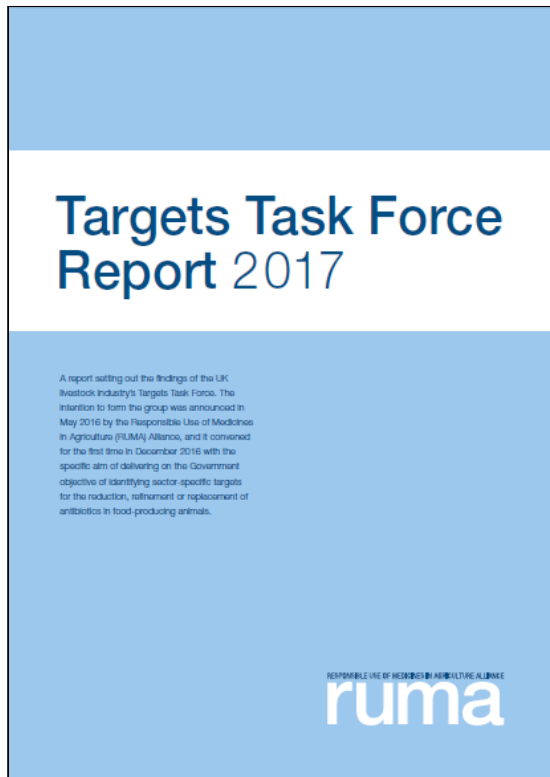
The Challenges





Veterinary
Medicines
Directorate

Engagement



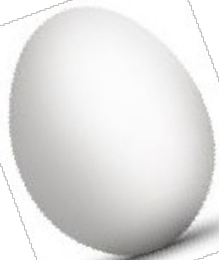
RESPONSIBLE USE OF MEDICINES IN AGRICULTURE ALLIANCE

ruma

Sector Specific Targets



Veterinary
Medicines
Directorate



The sectors



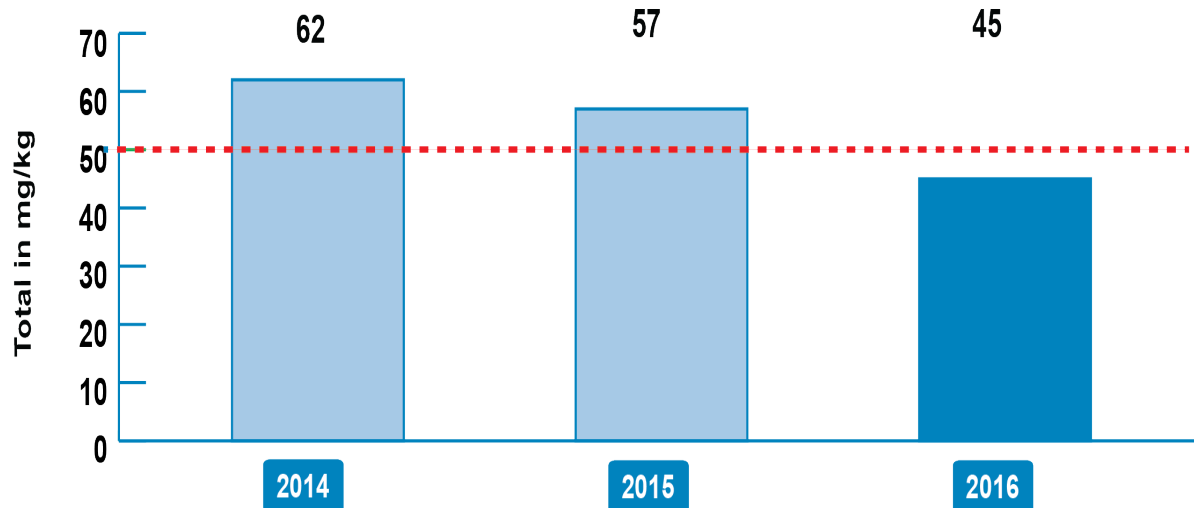


Progress in animal antibiotic use



Veterinary Medicines Directorate

--- = 50 mg/kg target





Critically Important Antibiotics (CIAs)

	2012	2013	2014	2015	2016	Compared with 2015
Total (mg/kg)	66	62	62	57	45	↓ 21%
Fluoroquinolones (FQ) (mg/kg)	0.33	0.36	0.35	0.34	0.24	↓ 29%
3 rd /4 th gen Cephalosporins (mg/kg)	0.20	0.18	0.19	0.17	0.15	↓ 12%
Colistin (mg/kg)	0.09	0.11	0.12	0.12	0.02	↓ 83%
Total sales (tonnes)	464	436	445	408	337	↓ 17%



Companion Animals (Pets)

#TrustYourVet



Trust your vet on antibiotics

- + Trust your vet if they say antibiotics are not required:** antibiotics only treat infections caused by bacteria, not viruses.



#TrustYourVet



Trust your vet on antibiotics

- + Trust your vet if further tests are needed:** different antibiotics work against different bacteria, so it's important your pet gets the right medicine.



#TrustYourVet



Trust your vet on antibiotics

- + Trust your vet if they say antibiotics are not required:** antibiotics only treat infections caused by bacteria, not viruses.
- + Trust your vet if further tests are needed:** different antibiotics work against different bacteria, so it's important your pet gets the right medicine.
- + Trust your vet's instructions when giving your pet antibiotics:** the correct dose, at the right time, for the full duration prescribed.
- + Trust your vet's advice on keeping your pet healthy:** a balanced diet, enough exercise, up to date vaccinations and regular check-ups.

Any use of an antibiotic can contribute towards antibiotic resistance. To keep antibiotics working for animals and people they should only be used when absolutely necessary.

 www.bva.co.uk/trustyourvet



#TrustYourVet



The guidance for responsibly taking antibiotics is the same for both humans and animals

Are you antibiotic aware?



Antibiotics are not always the answer

Not every illness needs antibiotics – those caused by viruses cannot be treated in this way. Do not expect antibiotics if your doctor or vet says they are not needed as every inappropriate use may accelerate bacterial resistance to the drug.



Increasing the recommended dose does not mean it works quicker

Antibiotics should always be taken as prescribed by your doctor or vet. This gives the body the best chance of working with the drugs to fight an infection and helps to keep bacteria from evolving new ways of being resistant to the antibiotic.



You always need to finish the course

Not completing the course as prescribed by your doctor or vet is potentially very risky and may allow resistant bacteria to survive. This means infection can become harder to treat.



Antibiotics work in different ways

There are many reasons why a particular antibiotic that works for one person or animal will not be appropriate for another. Speak to your doctor or vet before any course of action is taken.



It's about using the right antibiotic for the right illness

If the problem persists, it's not about finding something stronger, it's about finding the right antibiotic for each case and taking it for the right amount of time. Sensitivity tests can help identify the right drug.

Some bacteria have become resistant to the drugs we use to treat them and have started to fight back. Help keep our antibiotics effective by using them responsibly.

SUPPORTED BY





Veterinary
Medicines
Directorate

The next steps...



Veterinary
Medicines
Directorate

The next steps...