27 Research paper

Quantitative assessment of antimicrobial resistance in livestock during the course of a nationwide antimicrobial use reduction in the Netherlands by Dorado-García, A., Mevius, D.J., Jacobs, J.J., Van Geijlswijk, I.M., Mouton, J.W., Wagenaar, J.A. and D.J. Heederik
2016 Journal of Antimicrobial Chemotherapy 71: 3607–3619

in **Significant Impact Group(s):** AMU reduction strategies \ Monitoring and surveillance \ Antibiotic use

Species targeted: Pigs;Poultry;Dairy;
Age: Different for different species;
Outcome Parameter(s): Antimicrobial resistance

Summary: Evidence presented indicates that drug use history and co-selection of resistance are key elements
for perpetuation of resistance. Data suggest that recent Dutch policies aimed at reducing total use of antimicrobials and restricting the use of critically important antimicrobials have decreased E. coli resistance in the pig and veal calf production sectors while the impact on the dairy cattle and poultry sectors is less clear.

27 Research paper - Dorado-García - 2016 - Quantitative assessment of antimicrobial resistance in livestock during the course of a nationwide antimicrobi

Where to find the original material:
https://academic.oup.com/jac/article/71/12/3607/2631265; https://doi.org/10.1093/jac/dkw308
Country: NL