



108 Research paper

Guidance on the Selection of Appropriate Indicators for Quantification of Antimicrobial Usage in Humans and Animals

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In Significant Impact Groups:

AMU reduction strategies \ Monitoring and surveillance Antibiotic

Species targeted: Pigs;Poultry;Dairy;Beef;

Age: Not stated;

Summary:

To quantify antimicrobial usage various types of measures are available. These are here referred to as indicators of antimicrobial use. These range from sales, deliveries or reimbursement data in human and veterinary medicine. Still, results can differ substantially depending on the method used. The best way to select the appropriate indicators of antimicrobial usage, is important to first determine the objective of the study. If the goal is compare groups (or populations), it is preferable to use standard parameters. However, to measure exposure it is better to use actual (non-standardized) parameters. There are several issues associated with the choice of indicators for antimicrobial use. These are further discussed in this article.

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Where to find the original material:

<https://onlinelibrary.wiley.com/doi/full/10.1111/zph.12298>; <https://doi.org/10.1111/zph.12298>

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