



79 Research paper

Veterinary antimicrobial-usage statistics based on standardized measures of dosage by Jensen, V.F., Jacobsen, E. and F. Bager
2004 Preventive Veterinary Medicine 64: 201-215

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

Species targeted: Pigs;Poultry;Dairy;Beef;Sheep;

Age: Young;Adult;

Outcome Parameter(s): Antimicrobial use

Summary: Standardized statistics are necessary for international comparison of usage, monitoring of national drug usage and for comparative studies of drug use. The defined animal daily dose is a better measure than the weight of active compound, but interpretation of trends in drug consumption also should include current knowledge of changes in the prescribed daily doses. To enable direct comparison of usage, the number of animals in the target population should be used as a baseline. Depending on the scope, information on number of animals may be obtained from different sources (such as animal-production data, existing registers or direct contact with the individual farmers). Application of standardized statistics will improve the basis for research and the ability to respond to problems of antimicrobial resistance in a targeted way and to evaluate the effect of informative or regulative measures taken to ensure prudent use.

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Where to find the original material:

<https://www.sciencedirect.com/science/article/pii/S0167587704000868>;

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