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Consumption of Antimicrobials in Pigs, Veal Calves, and Broilers in The Netherlands: Quantitative Results of Nationwide Collection of Data in 2011 by Bos, M.E., Taverne, F.J., van Geijlswijk, I.M., Mouton, J.W., Mevius, D.J. and D.J. Heederik

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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): defined daily dosages per year (ADDD/Y); treatment days per year

Summary: Since 2011, the consumption of veterinary antimicrobial has been recorded in The Netherlands. These data are used to define benchmark indicators for veterinary consumption of antimicrobials. This paper presents the results of sector wide consumption of antimicrobials, for all pig, veal calf, and broiler farms. Data were used to calculate animal defined daily dosages per year (ADDD/Y) per pig or veal calf farm. For broiler farms, number of animal treatment days per year was calculated. Furthermore, data were used to calculate the consumption of specific antimicrobial classes per administration route per pig or veal calf farm. The distribution of antimicrobial consumption per farm varied greatly within and between farm categories. The insights obtained from the results of this study, and the full transparency obtained by monitoring antimicrobial consumption per farm, will help reduce antimicrobial consumption and help create implementation of antimicrobial stewardship.

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Where to find the original material:

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3804574/;](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3804574/)

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