

## Changing medication method influences total amount of administered antimicrobials

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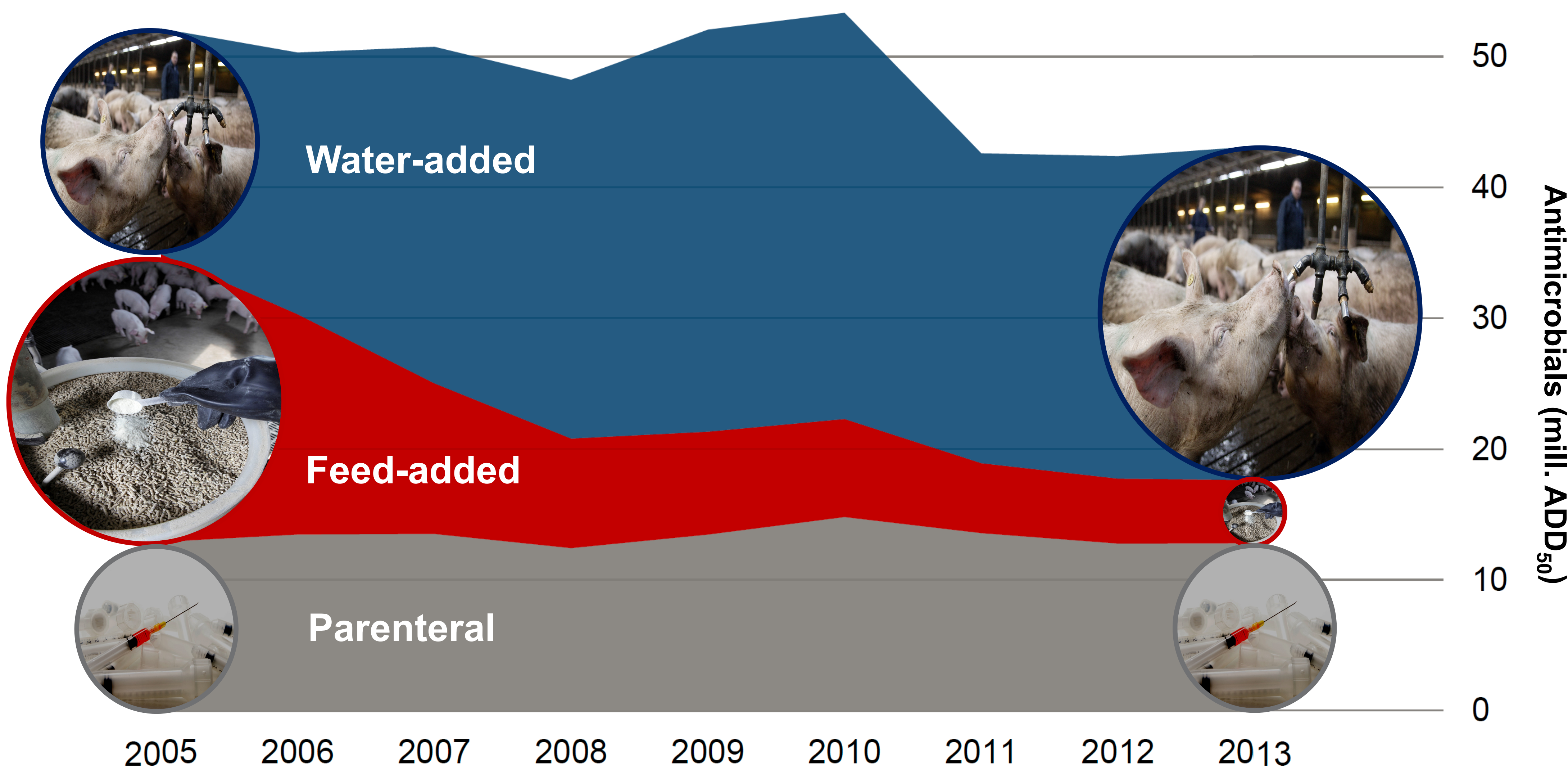


# Changing medication method influences total amount of administered antimicrobials

A register based study

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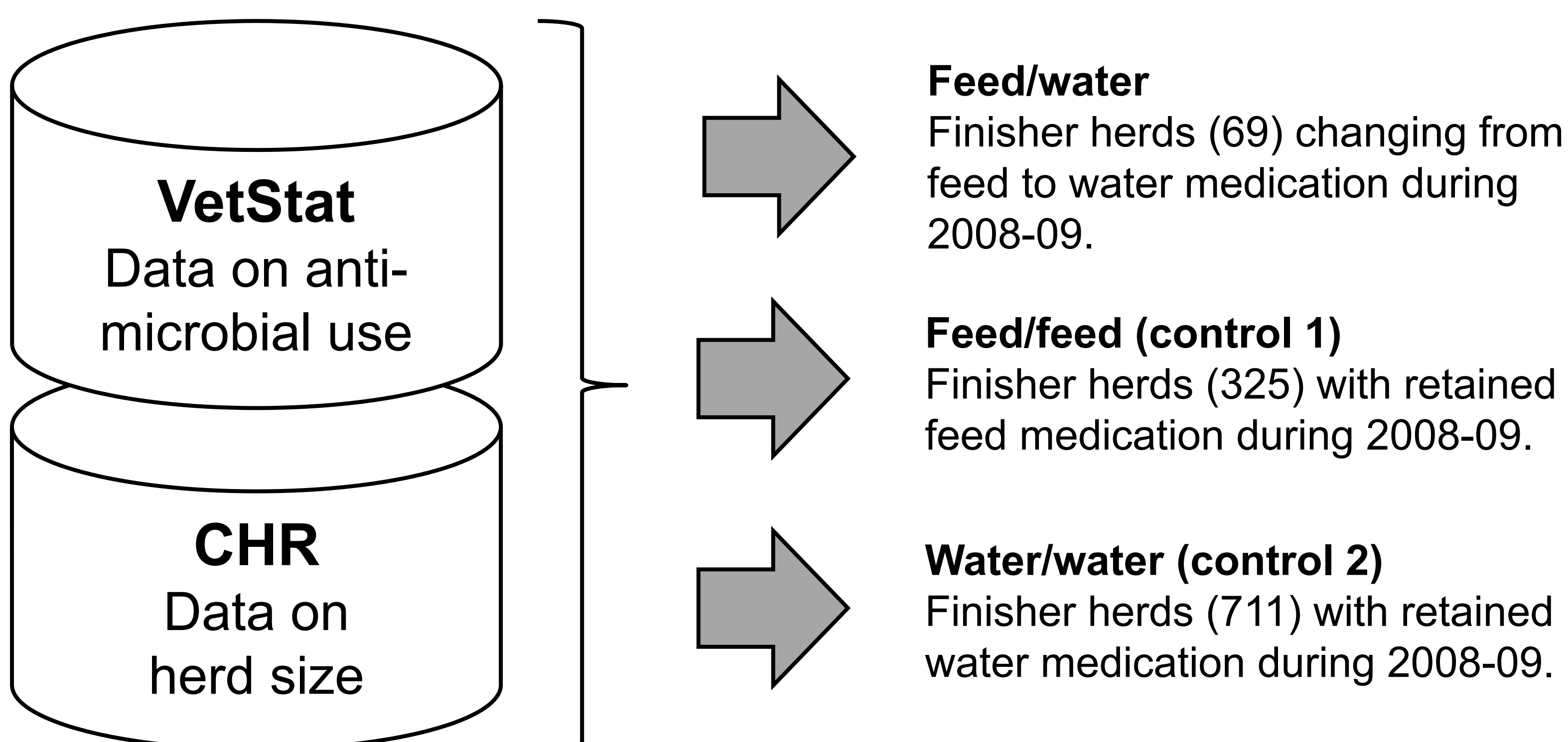


Total amount of antimicrobials prescribed for Danish finishers during 2005-2013, by administration form.

## Conclusion

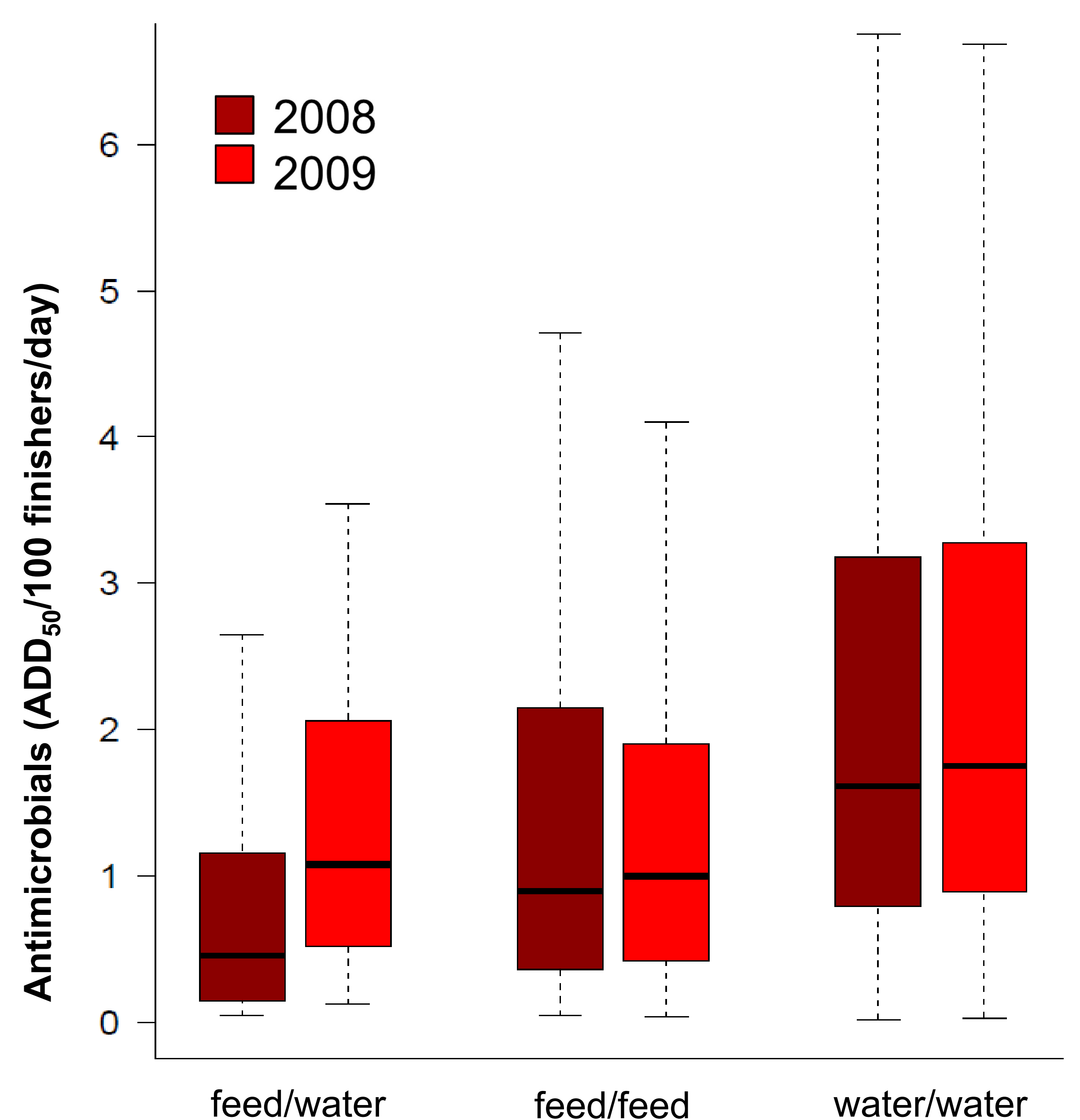
Finisher herds going from feed- to water-administered antimicrobials for group treatment during 2008-09 significantly increased their total use of antimicrobials by 1.33 [0.33; 2.33] ADD<sub>50</sub>/100 finishers/day. A general change of medication method may explain some of the increased use of antimicrobials during 2008-09.

## Data & Results



For all three groups, the difference in prescribed antimicrobials between 2008-09 was calculated. Subsequently, it was tested whether the difference between years varied significantly between the three study groups.

Test		p-value
<b>Kruskal-Wallis</b>		0.0001
<b>Pairwise comparison</b>	feed/water – feed/feed	0.017
	feed/water – water/water	0.037
	feed/feed – water/water	0.709



Use of antimicrobials for finishers during 2008-09 in the three study groups.

