Usage of antimicrobials in veal calves

*Potentials and limitations of register based data*

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CPH Cattle seminar 14th November 2016
6 mill veal calves
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<td><strong>F1</strong></td>
<td>Forfatter; 11-11-2016</td>
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<td><strong>F2</strong></td>
<td>Forfatter; 11-11-2016</td>
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1. National use of antimicrobials in Danish veal calves
- No delivery of milk to a dairy
- Productionchain slaughter
  >100 bull calves/year
- >80% dairy- or mixed breeds

**Total 325 herds**

**Antimicrobial use as:**
Animal Daily Doses (ADD\textsubscript{200})
2. Antimicrobial use at the herd-level
Herdtypes

**Full-line**
- **30 d**
  - (24-40 d)

**Starter herd**
- **30 d**
  - (24-40 d)

**Finisher herd**
- **150 d**
  - (100-200 d)

**Inconsistent**

 Universidad de Copenhague
- No delivery of milk to a dairy
- Productionchain slaughter
  >100 bull calves/year
- >80% dairy- or mixed breeds

**Total 325 herds**

**Antimicrobial use as:**
Animal Daily Doses (ADD$_{200}$)

**Standardized as:**
ADD$_{200}$/100 calves/day
Antimicrobials ~ herdtype
Risk factor analysis

- Number of introduced calves
This study was financed by the Danish Cattle levy fund.