

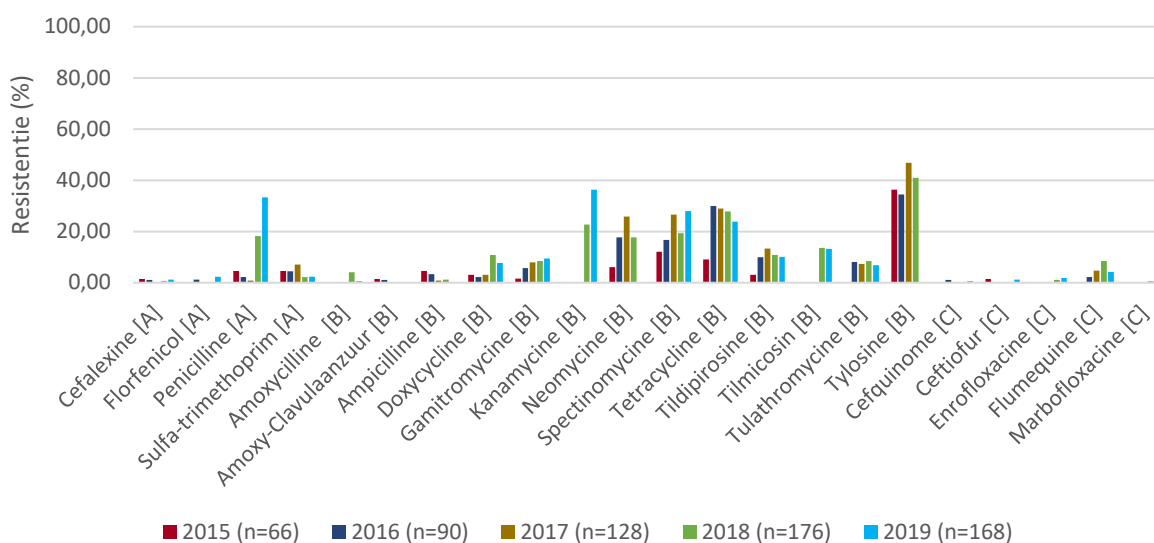
# Natuurlijke en verworven antibioticaresistentie bij pathogene kiemen geïsoleerd bij rundvee

## EVOLUTIE RESISTENTIE PERIODE 2015-2019 EN SIR VERHOUDING 2019

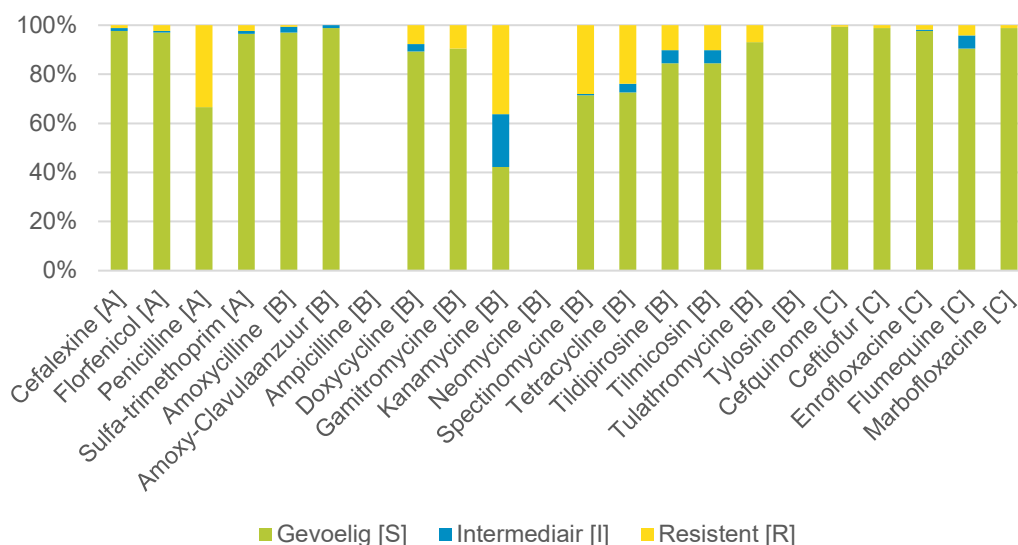
**Bepaalde antibiotica die tot eenzelfde klasse behoren, worden niet meer uitgevoerd maar wel nog weergegeven in de trendanalyses.**

### A. Kiemen geassocieerd met Bovine Respiratory Disease (BRD)

#### *Pasteurella multocida*

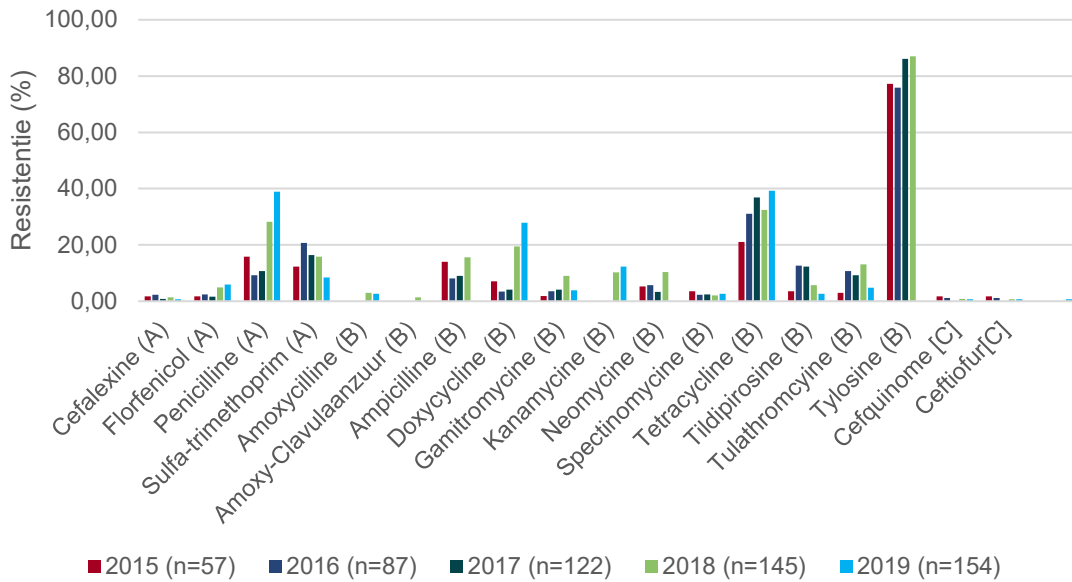


#### *Pasteurella multocida* (n=168; 2019)

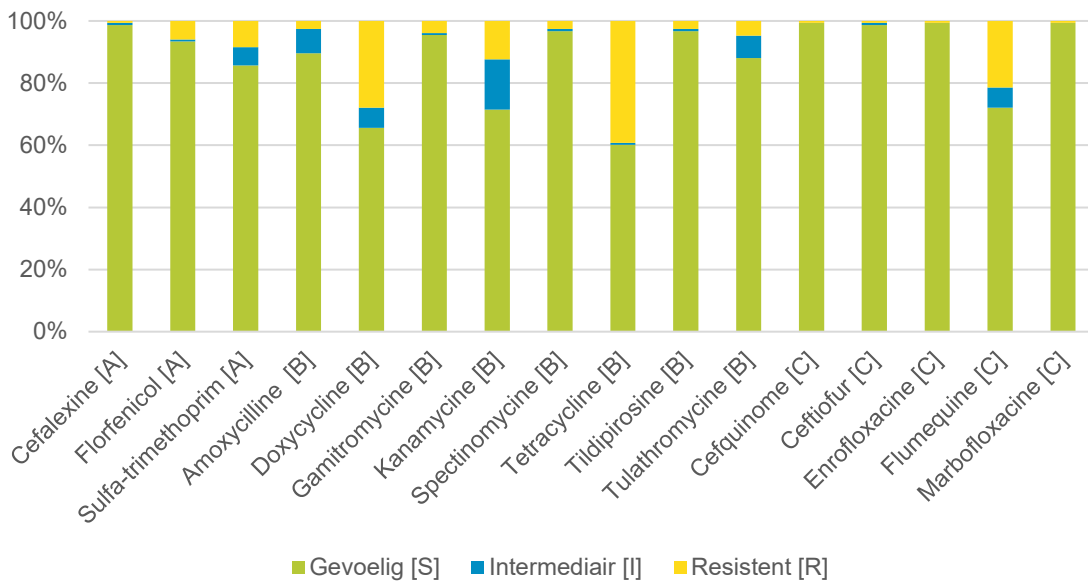




### Mannheimia haemolytica



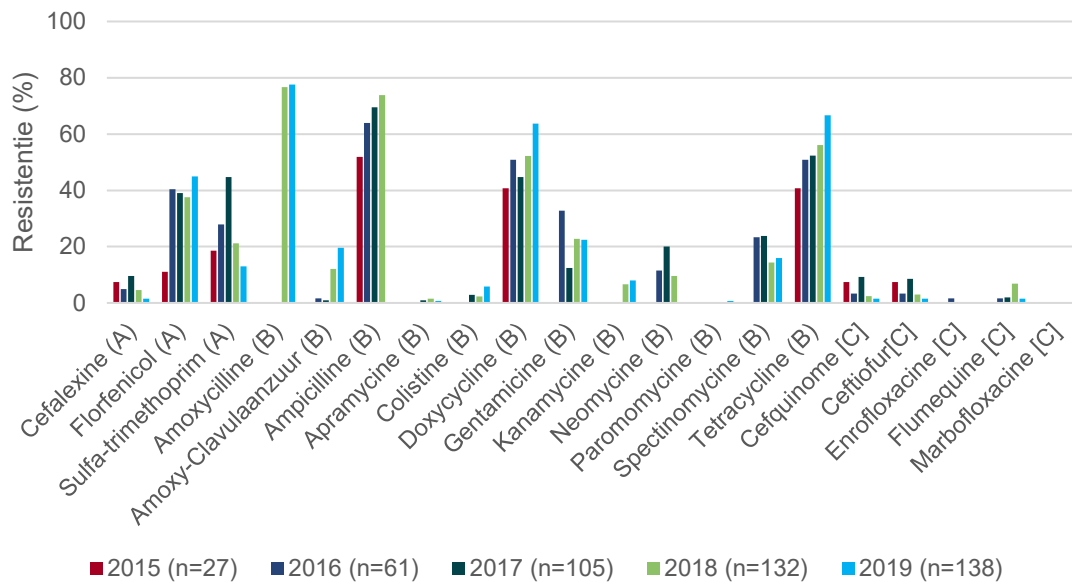
### Mannheimia haemolytica (n=154; 2019)



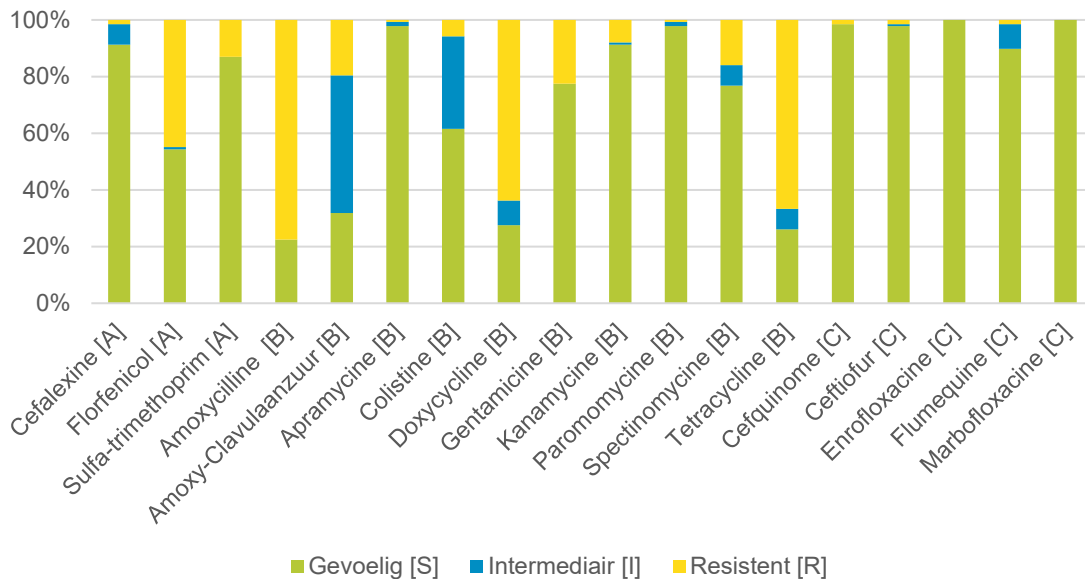


## B. Kiemen geassocieerd met diarree

### *Salmonella* sp.

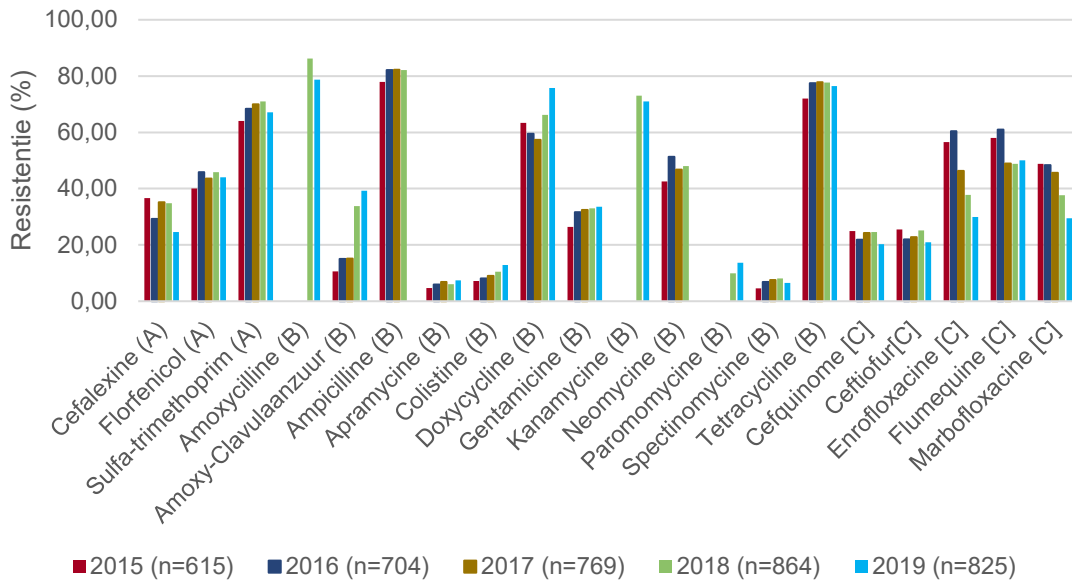


### *Salmonella* sp. (n=138; 2019)

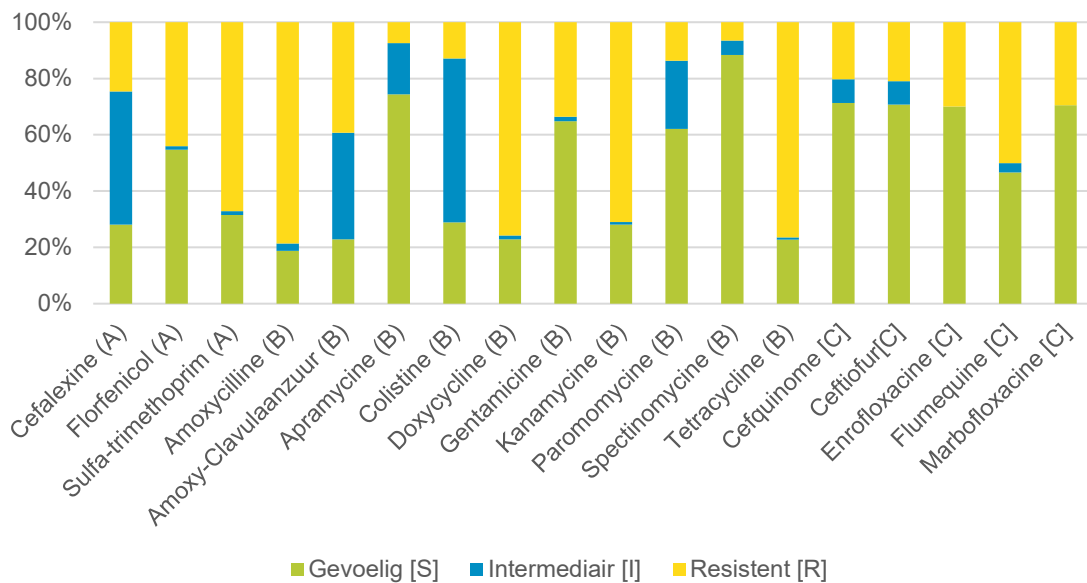




### *E. coli*

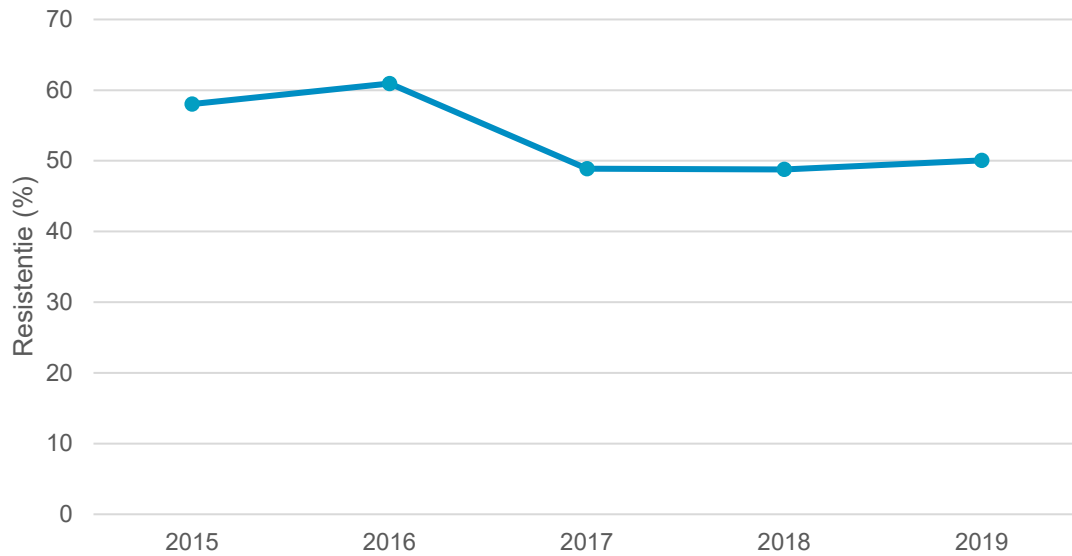


### *E. coli* (n=825; 2019)

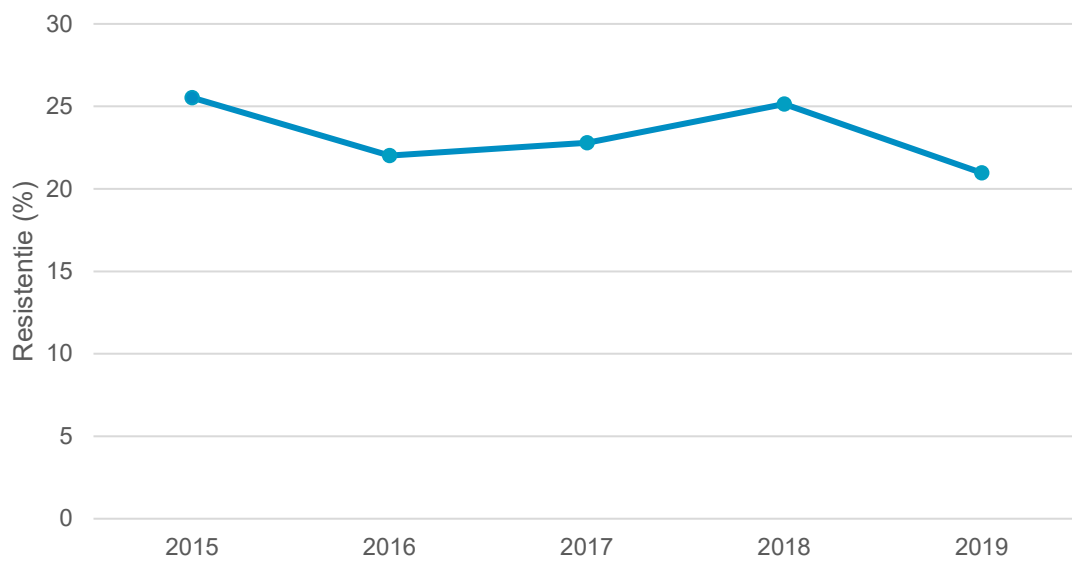




Resistentie t.o.v. flumequine bij *E. coli* geïsoleerd uit rund  
(2015-2019)

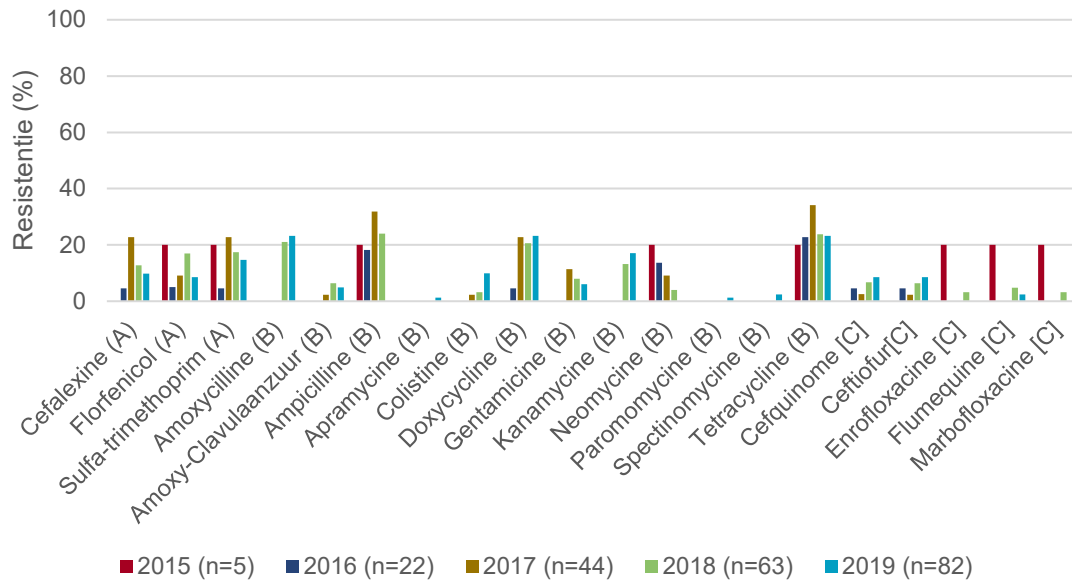


Resistentie t.o.v. ceftiofur bij *E. coli* geïsoleerd uit rund  
(2015-2019)





## Haemolytische *E. coli*



## Haemolytische *E. coli* (n=82; 2019)

