

#BENCHMARKYOURFARM

Teagasc Pig Development Department



THE GRAPH INCLUDES ALL THE FARMS THAT TOOK THE SURVEY

YOUR FARM IS INDICATED AS THE RED BAR

THE GRAPH INCLUDES THE MEAN VALUE IN GREEN

THE VALUE FOR EACH VARIABLE IN YOUR FARM IS BELOW THE GRAPH

THE POSITION OF YOUR FARM IN THE LIST IS BELOW THE GRAPH

This report is intended for farmers. Veterinary practitioners and advisors can get more detailed information by contacting Teagasc (Edgar.GarciaManzanilla@teagasc.ie). Written authorization from the farmer will be required before any data can be shared.

The data used to compile the following reports were collected during the conduct of the following projects:

### **Pathsurvpig**

“Investigation of respiratory disease on Irish pig farms, associated risk factors, and the relationship with performance, welfare and antimicrobial use.”

**Funded by:** Department of Agriculture, Food and the Marine

**Ref.:** 14/S/832

### **Feedstrat**

“Evaluation of current feeding and management practices in Irish pig production and future strategies for improvement.”

**Funded by:** Teagasc

**Ref.:** PDPG-0231-6666

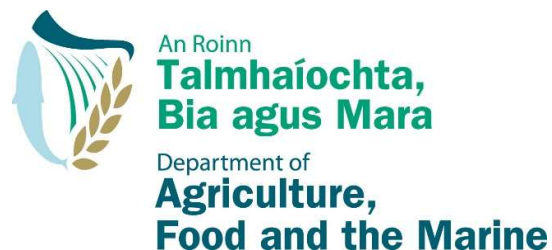
### **AMURAP**

“Antimicrobial use and resistance in animal production.”

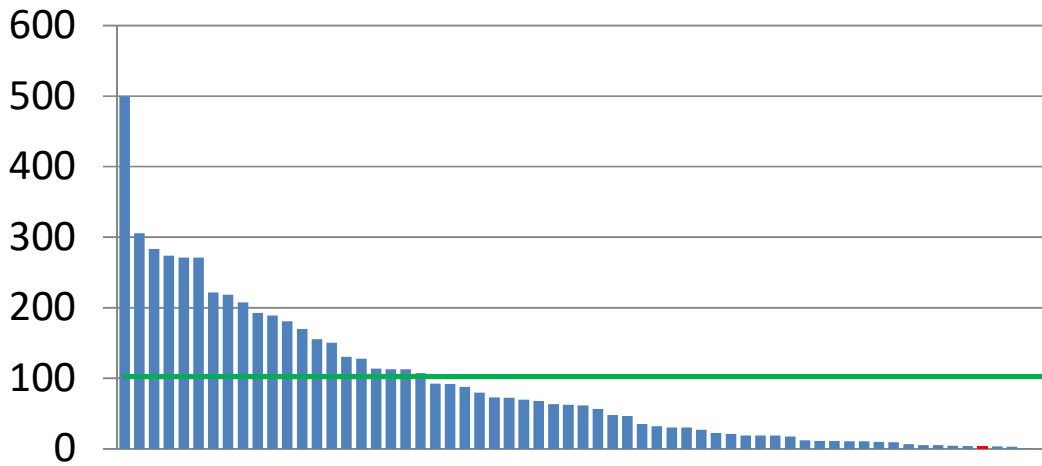
**Funded by:** Department of Agriculture, Food and the Marine

**Ref.:** 15/S/676

The above projects involve the collaboration of the following institutions:

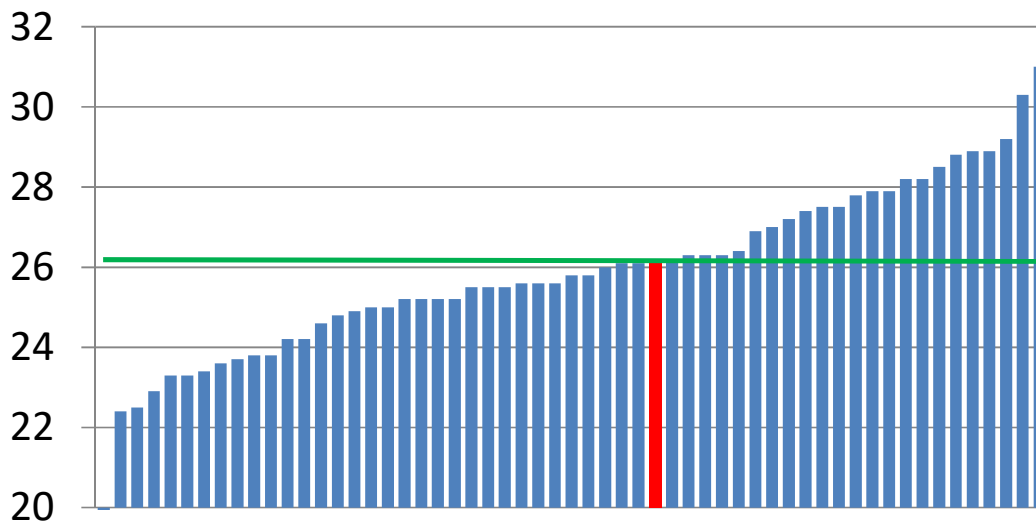


### TOTAL ANTIBIOTIC USE IN mg/kg



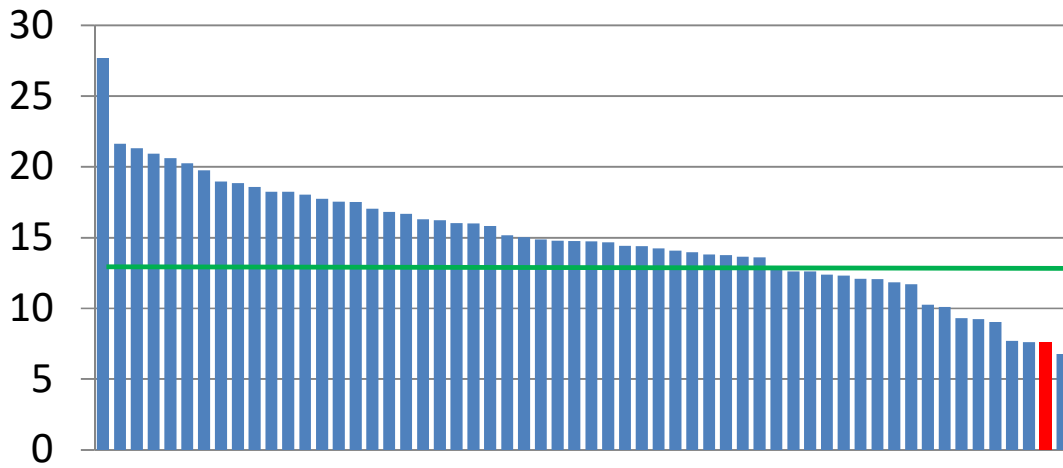
VALUE: 3.6  
BENCHMARK: 5th

### PIGS PER SOW PER YEAR



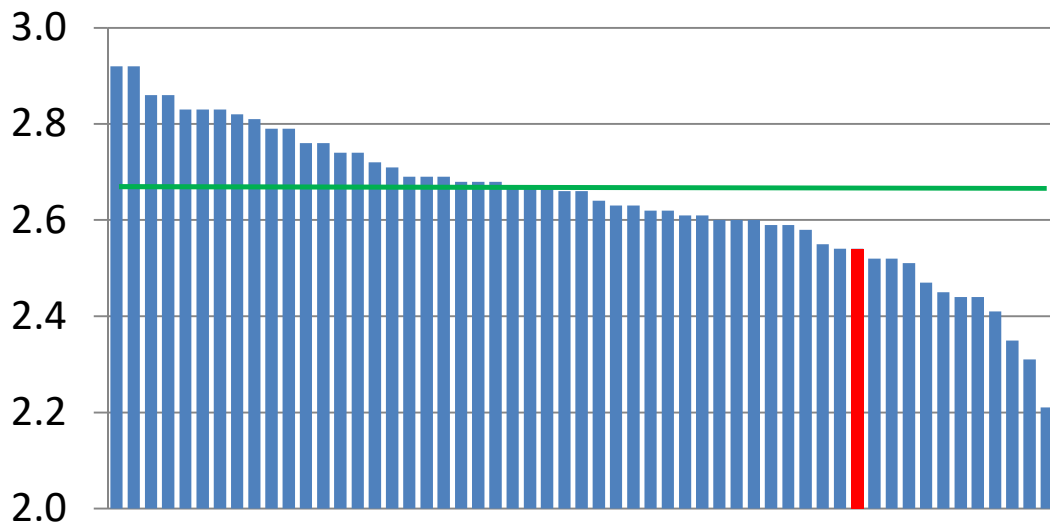
VALUE: 26.1  
BENCHMARK: 24th

### TOTAL MORTALITY, %



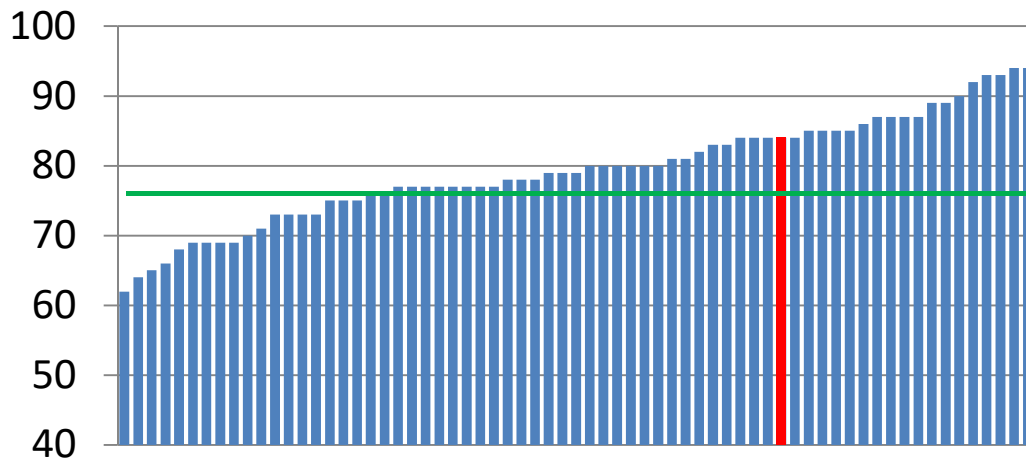
VALUE: 7.6%  
BENCHMARK: 2nd

### HERD FEED CONVERSION RATIO



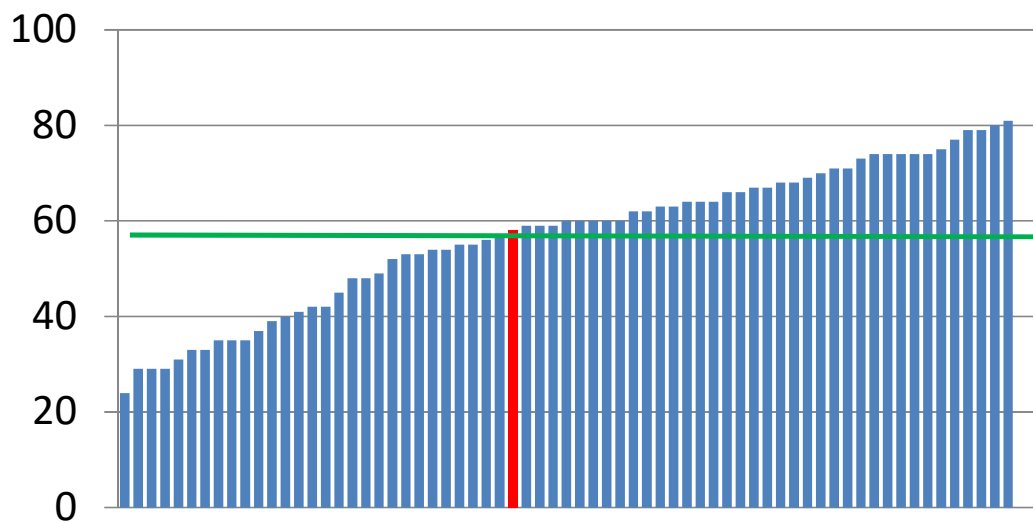
VALUE: 2.54  
BENCHMARK: 12th

## EXTERNAL BIOSECURITY



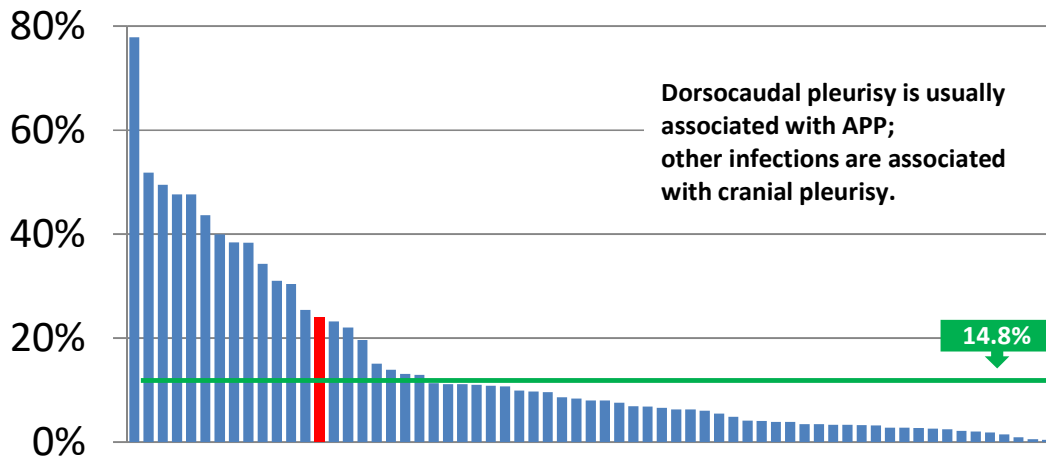
VALUE: 84  
BENCHMARK: 19th

## INTERNAL BIOSECURITY



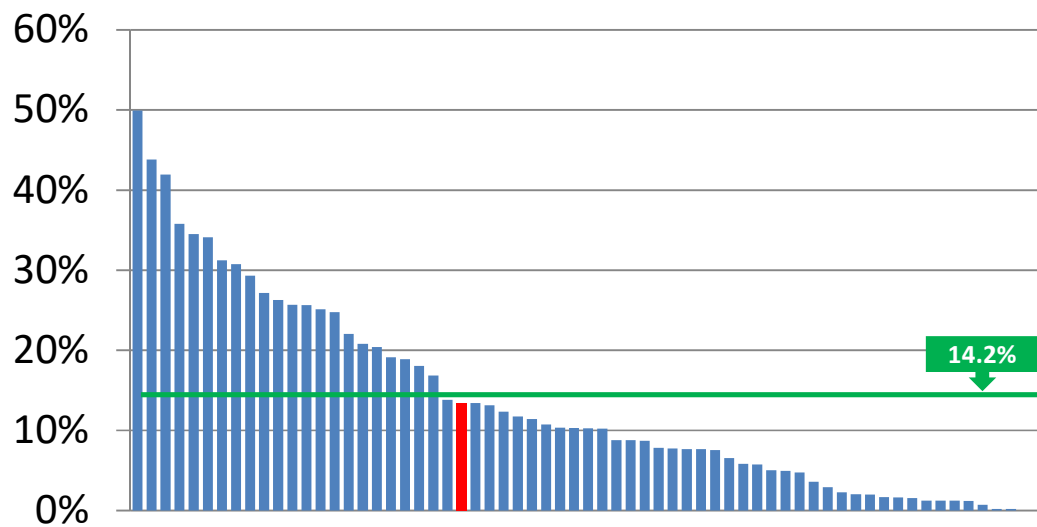
VALUE: 58  
BENCHMARK: 38th

## PERCENTAGE OF DORSOCAUDAL PLEURISY



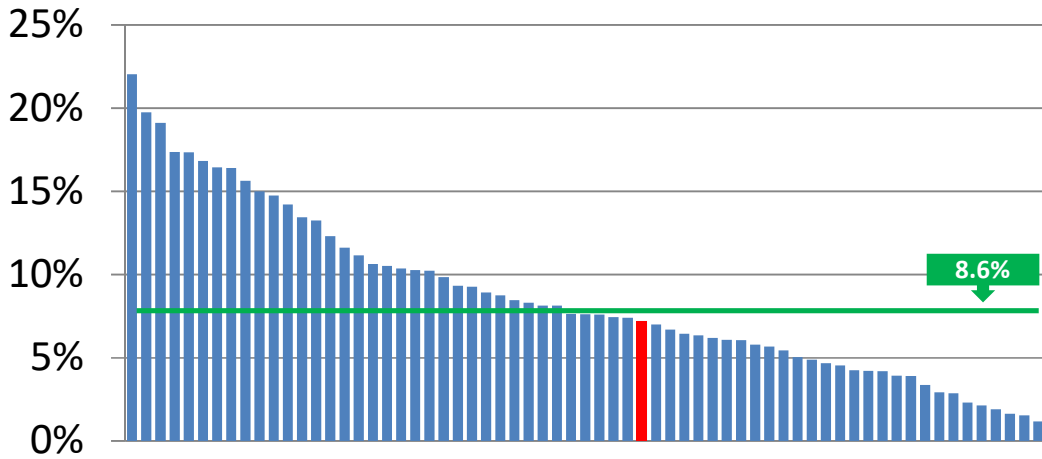
VALUE: 23.9%  
BENCHMARK: 52nd

## PERCENTAGE OF PNEUMONIA



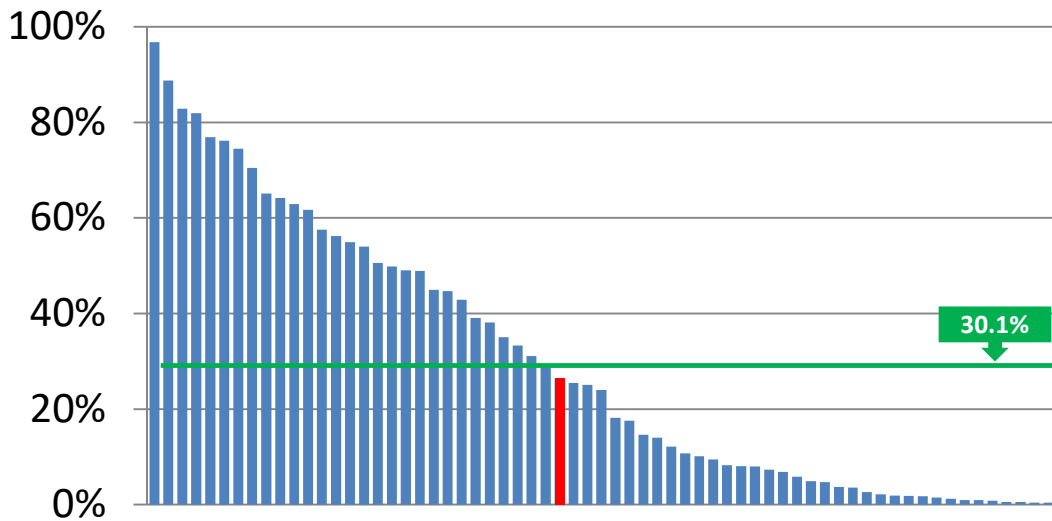
VALUE: 13.4%  
BENCHMARK: 42nd

### PERCENTAGE OF PERICARDITIS



VALUE: 7.2%  
BENCHMARK: 29th

### PERCENTAGE OF MILK SPOTS



VALUE: 26.4%  
BENCHMARK: 36th

Pleurisy				
SLAP/Date	No Lungs scored	% Dorso-Caudal Pleurisy	Average score Dorso-Caudal Pleurisy	% Cranial Pleurisy
	1154		[scores 0,2,3 and 4]	
06/12/2017	229	2,2%	2,60	6,1%
13/12/2017	330	2,1%	3,00	6,1%
22/01/2018	208	5,8%	3,25	9,6%
29/01/2018	201	5,0%	3,10	9,0%
01/02//2018	186	2,2%	2,50	7,5%
<b>Average</b>	<b>231</b>	<b>3,4%</b>	<b>2,89</b>	<b>7,7%</b>

EP-like lesions				
SLAP/Date	No Lungs scored	% Bronchopneumonic Lungs	% Average Surface Affected Out of Pneumonic Lungs	% Scar
	1154			
06/12/2017	229	16,6%	5,7%	24,5%
13/12/2017	330	18,8%	7,8%	15,5%
22/01/2018	208	6,3%	7,6%	22,1%
29/01/2018	201	7,0%	3,3%	15,9%
01/02//2018	186	2,7%	4,7%	19,9%
<b>Average</b>	<b>231</b>	<b>10,3%</b>	<b>5,8%</b>	<b>19,6%</b>

		Heart	Liver
SLAP/Date	No Lungs scored	% Pericarditis	% Milk Spots
	1154		
06/12/2017	229	2,2%	1,7%
13/12/2017	330	2,4%	0,0%
22/01/2018	208	9,6%	0,5%
29/01/2018	201	5,5%	0,5%
01/02//2018	186	0,0%	0,0%
<b>Average</b>	<b>231</b>	<b>3,9%</b>	<b>0,5%</b>

**Comments**

**Dorso-caudal pleurisy:** pleurisy in the diaphragmatic lobes

**Cranial pleurisy:** pleurisy on the surface of the lobes (apical and cardiac) or between them or the heart.

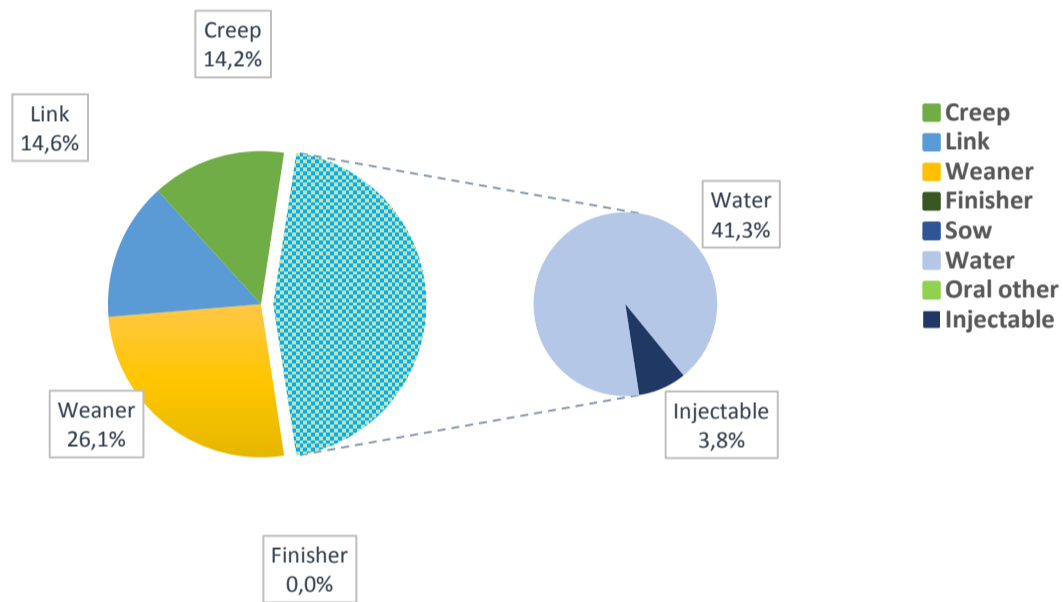
**Bronchopneumonic lungs:** any lungs with signs of pneumonia, whichever the severity.

**More info on the scores used:** <https://www.ceva.co.uk/Swine/Ceva-Lung-Program/Ceva-Lung-Program>

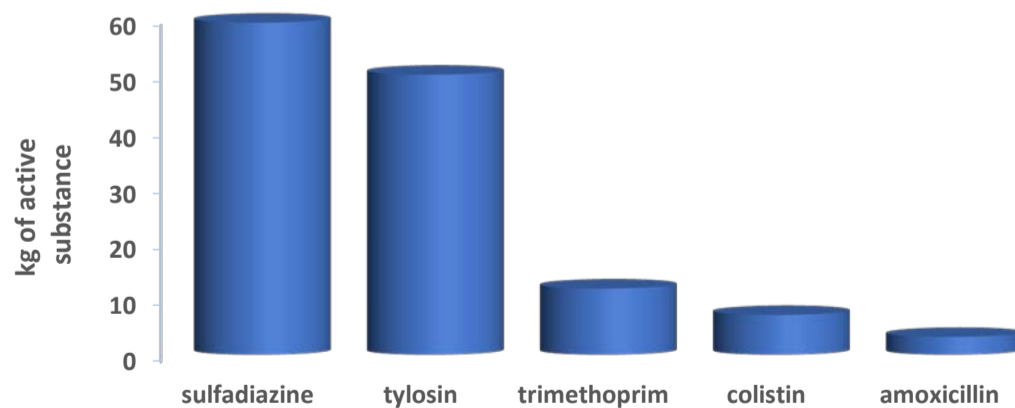


Period: 01/01/2016 to 31/12/2016		
Summary		
	mg/kg	
Route of administration	Total used	liveweight sold
Medicated feed	75,6kg	40,0
Water	57,0kg	30,2
Other oral remedy	0,0kg	0,0
Injectable	5,3kg	2,8
<b>Total</b>	<b>137,9kg</b>	<b>72,9</b>

### Routes of administration



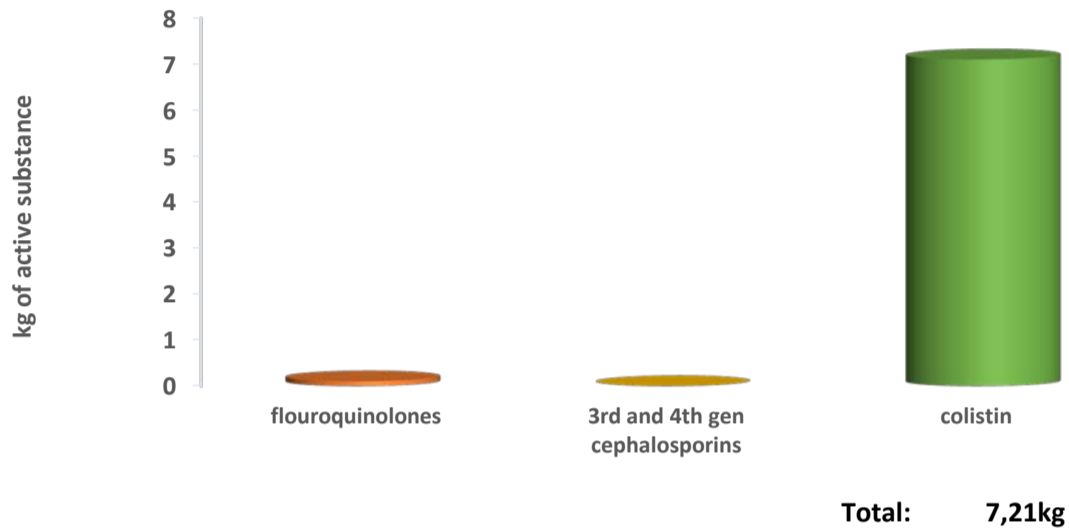
### Which Antimicrobials are used on my farm?



## Critically Important Antimicrobials

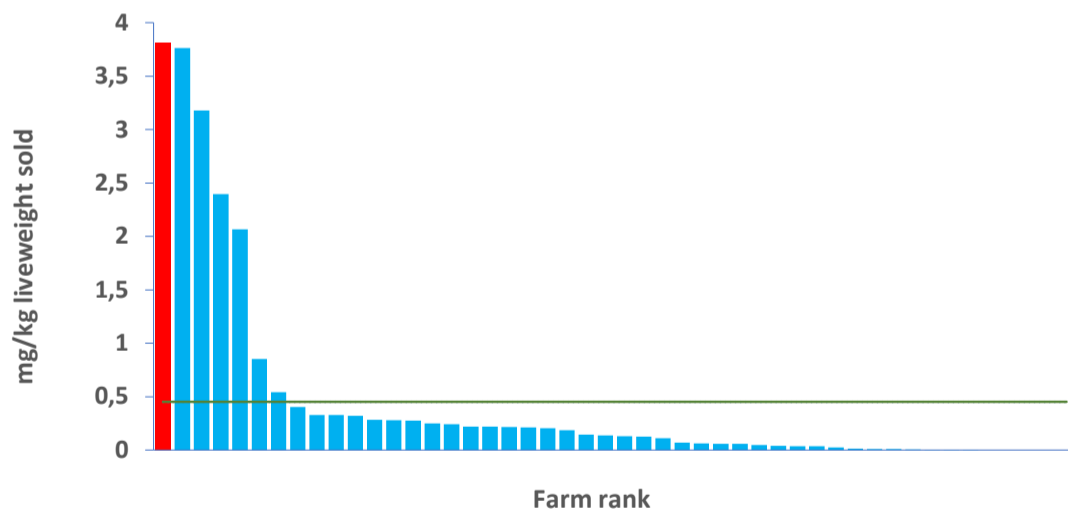
Critically Important Antimicrobials are those considered most important for use in human medicine. Under the classification system used by the European Medicine Agency (EMA), Class 1 antimicrobials are **not** permitted for use in animals. The use of Class 2 antimicrobials is permitted but may be subject to monitoring or restrictions in the future.

### Critically Important Antimicrobials (Class 2): use on my farm



### How does my farm compare?

Consumption of Class 2 Critically Important antimicrobials (mg/kg)



VALUE: 3,8  
BENCHMARK: 48st

### Which drugs are Critically Important Antimicrobials?

	drug name	examples of brands
Fluoroquinolones:	enrofloxacin	Baytril, Enrocare, Fenoflox
	marbofloxacin	Marbocyl, Boflox, Forcyl
3rd and 4th Generation Cephalosporins:	ceftiofur	Naxcel, Excenel
Polymixins:	colistin	Coliscour