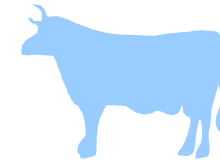
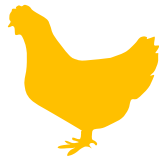


# Food Chain Information

Results of a Europe-wide online-survey on the status quo  
and improvements for broilers, pigs, and bovines



T.-T. Li<sup>1</sup>, S. Langforth<sup>1</sup>, T. Nesbakken<sup>2</sup>, N. Langkabel<sup>1</sup>, D. Meemken<sup>1</sup>

<sup>1</sup> Institute of Food Safety and Food Hygiene, WG Meat Hygiene, Freie Universität Berlin

<sup>2</sup> Department of Production Animal Clinical Sciences, Norwegian University of Life Sciences

Regulation (EC) No 853/2004, Annex II, Section III, a-h

# Food Chain Information (FCI)

- a) Status of the holding of provenance
- b) Animal health status
- c) Treatments within a relevant period and with a withdrawal period  $> 0$
- d) Occurrence of diseases
- e) Results of any analysis carried out on samples taken from the animals
- f) Previous ante-/post-mortem inspections of animals from the same holding
- g) Production data
- h) Name and address of the private veterinarian

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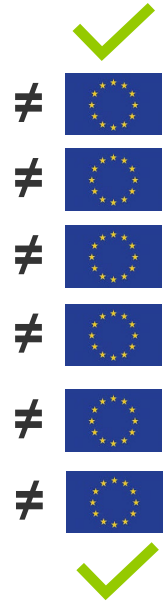
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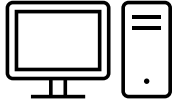



→ **Different implementation and information content throughout Europe**


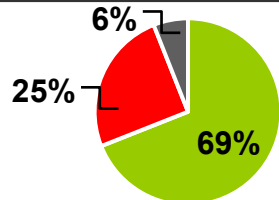



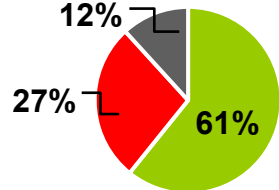


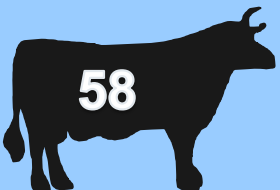
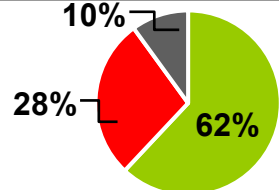


# Material and methods

CA18105

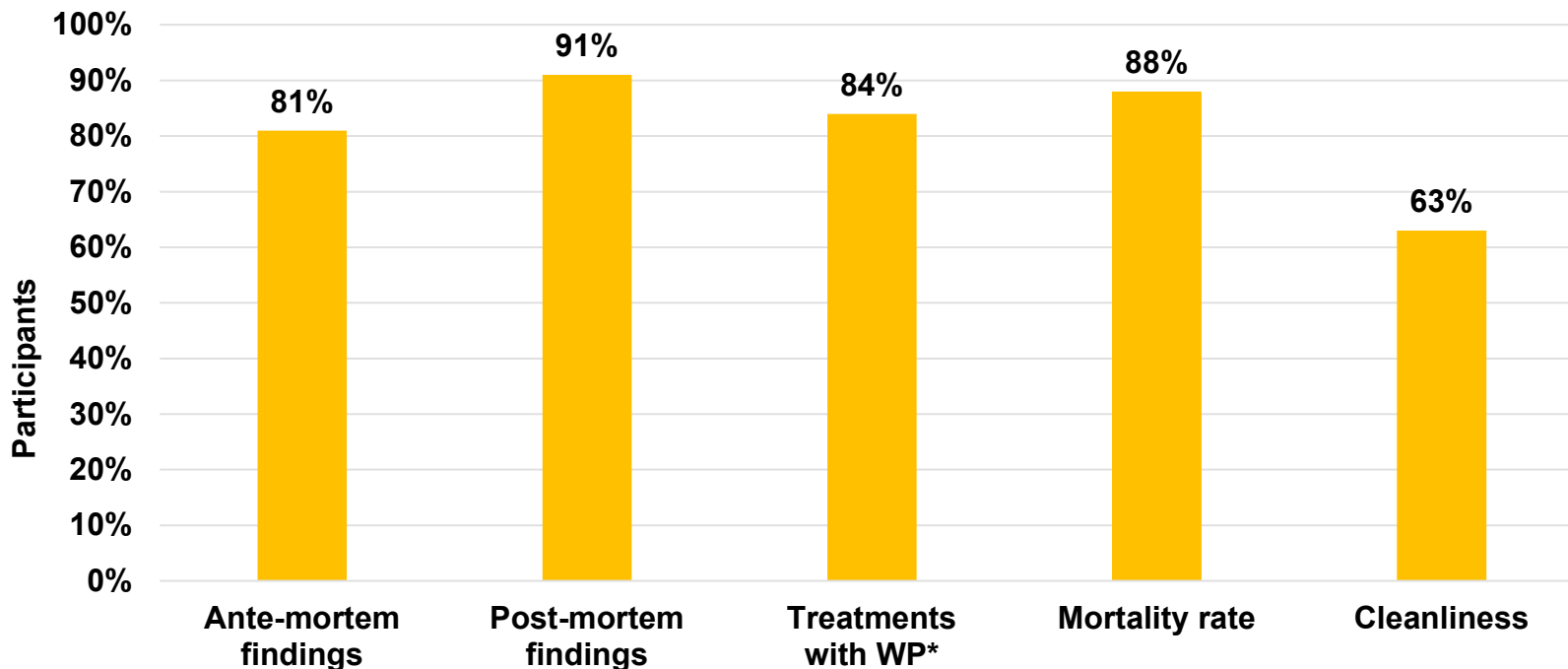
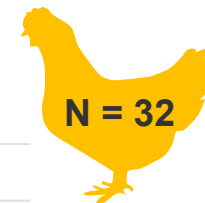
RIBMINS (= **R**isk-**B**ased **M**eat **I**NSpection and integrated meat safety assurance)

- Online questionnaire on the status quo and improvements of FCI for   
- Target group: Official Veterinarian (OV) / Meat Inspection Officer (MIO) and Food Business Operator (FBO) / Quality Assurance Manager (QAM)
- Participating countries: 33 “RIBMINS-countries”
- Survey period: November to December 2020  
- **Questions on: parameters, thresholds, consequences, availability, transmission**

## General questions

Participants	Role	Countries	
	<div> <div>OV/MIO</div> <div>FBO/QAM</div> <div>Other</div> </div>	<div> <div>EU</div> <div>Non-EU and EEA</div> </div>	
 32			N = 14  = 9
 51			N = 17  = 12
 58			N = 18  = 12

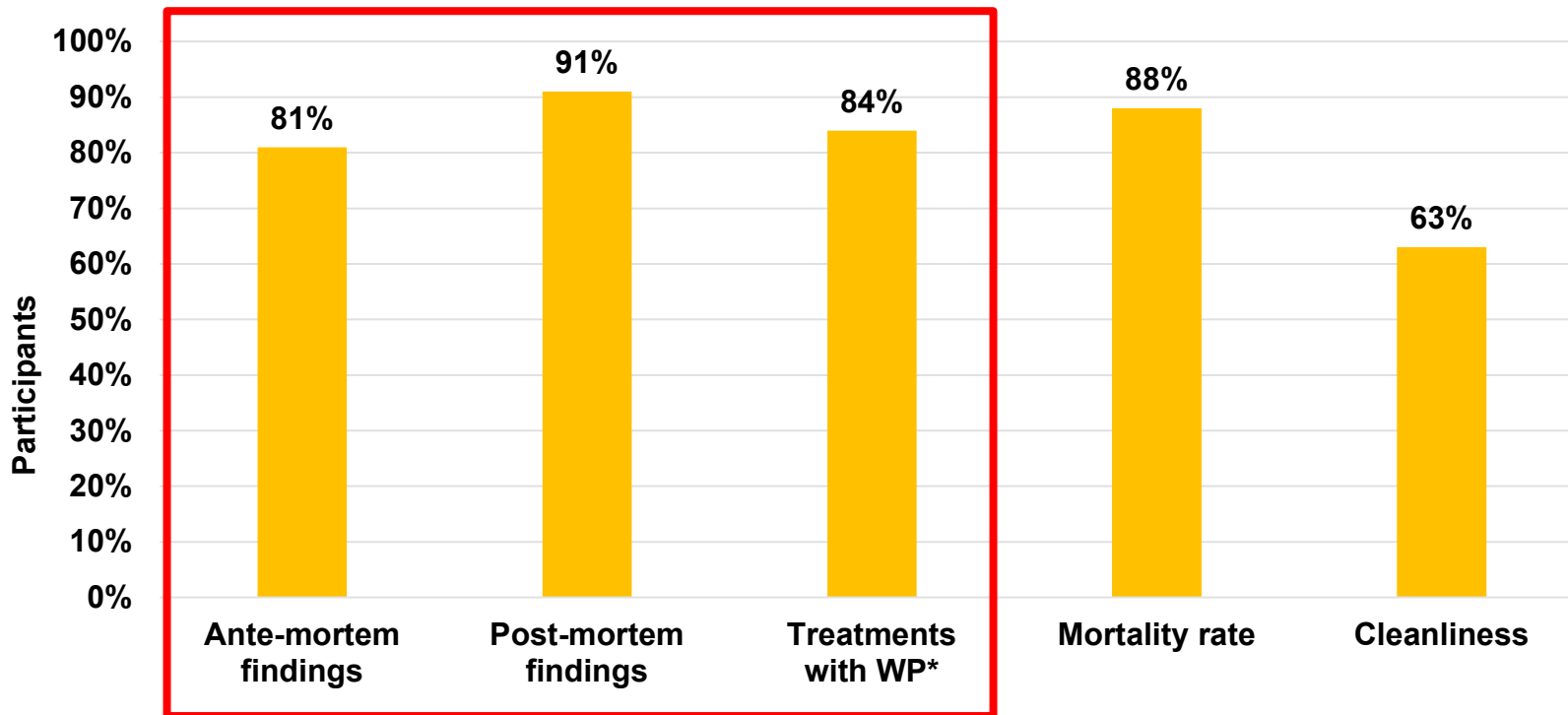
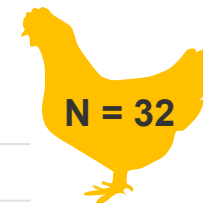
# Which information do you receive? (extract)



\*treatments with a withdrawal period  
> 0 days during the fattening period

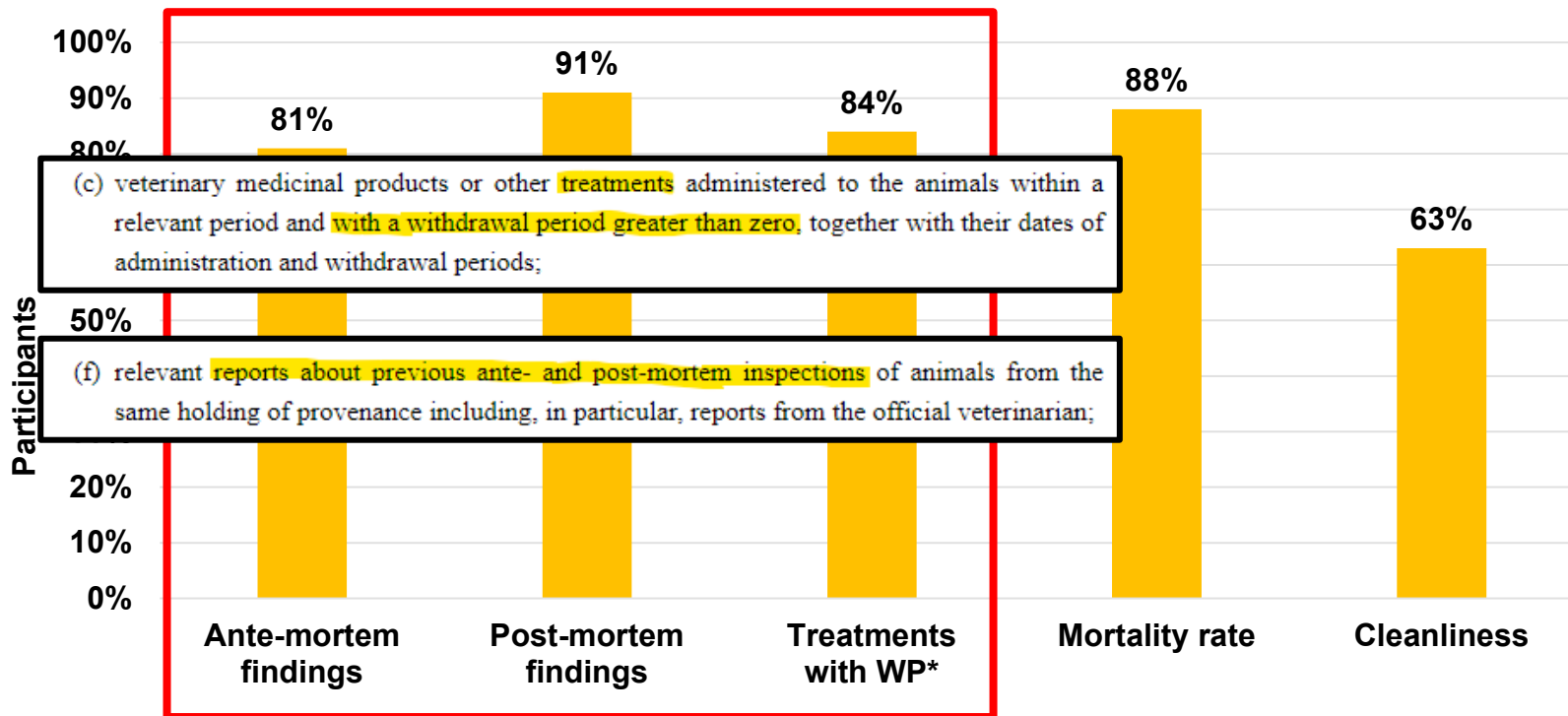
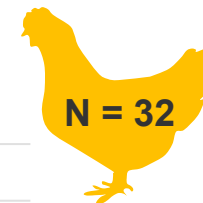


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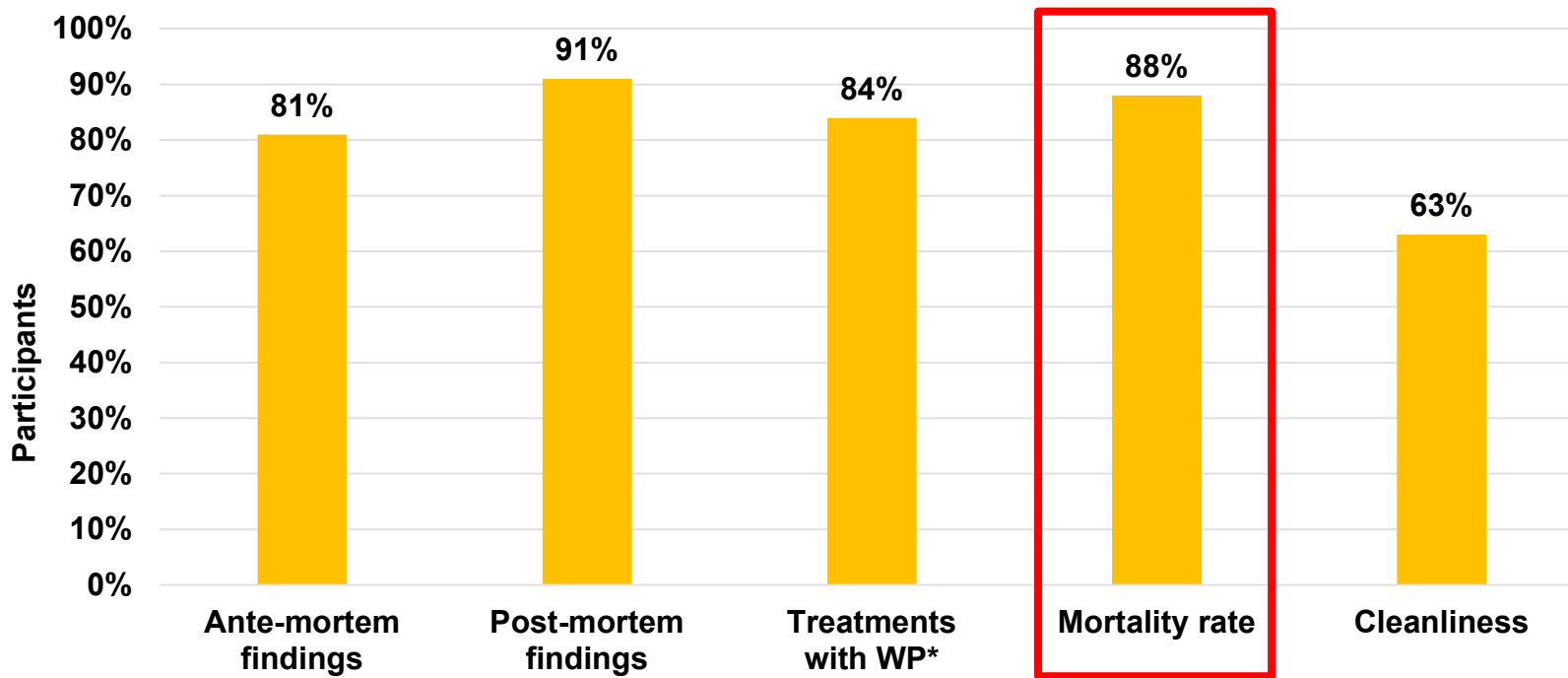
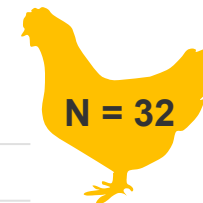
\*treatments with a withdrawal period  
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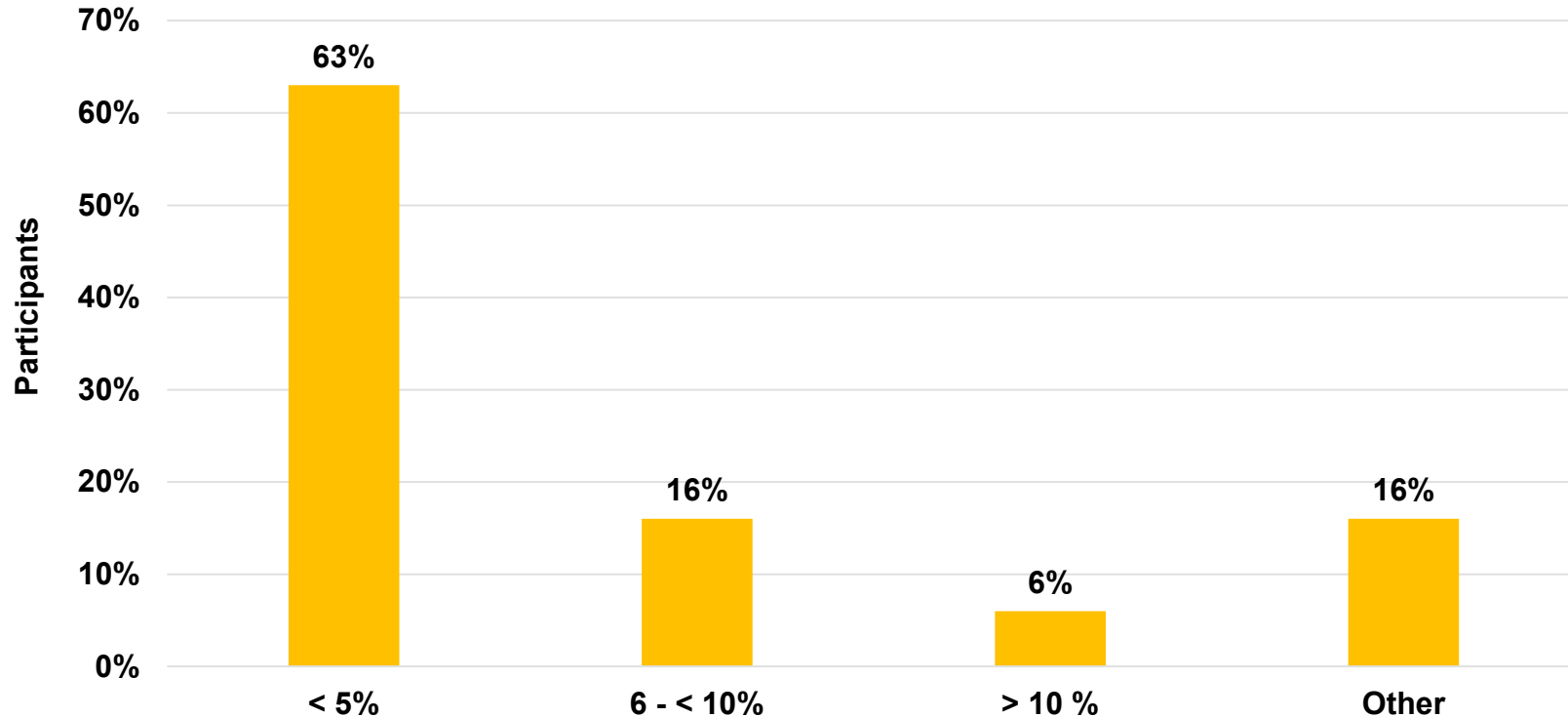
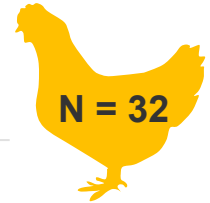
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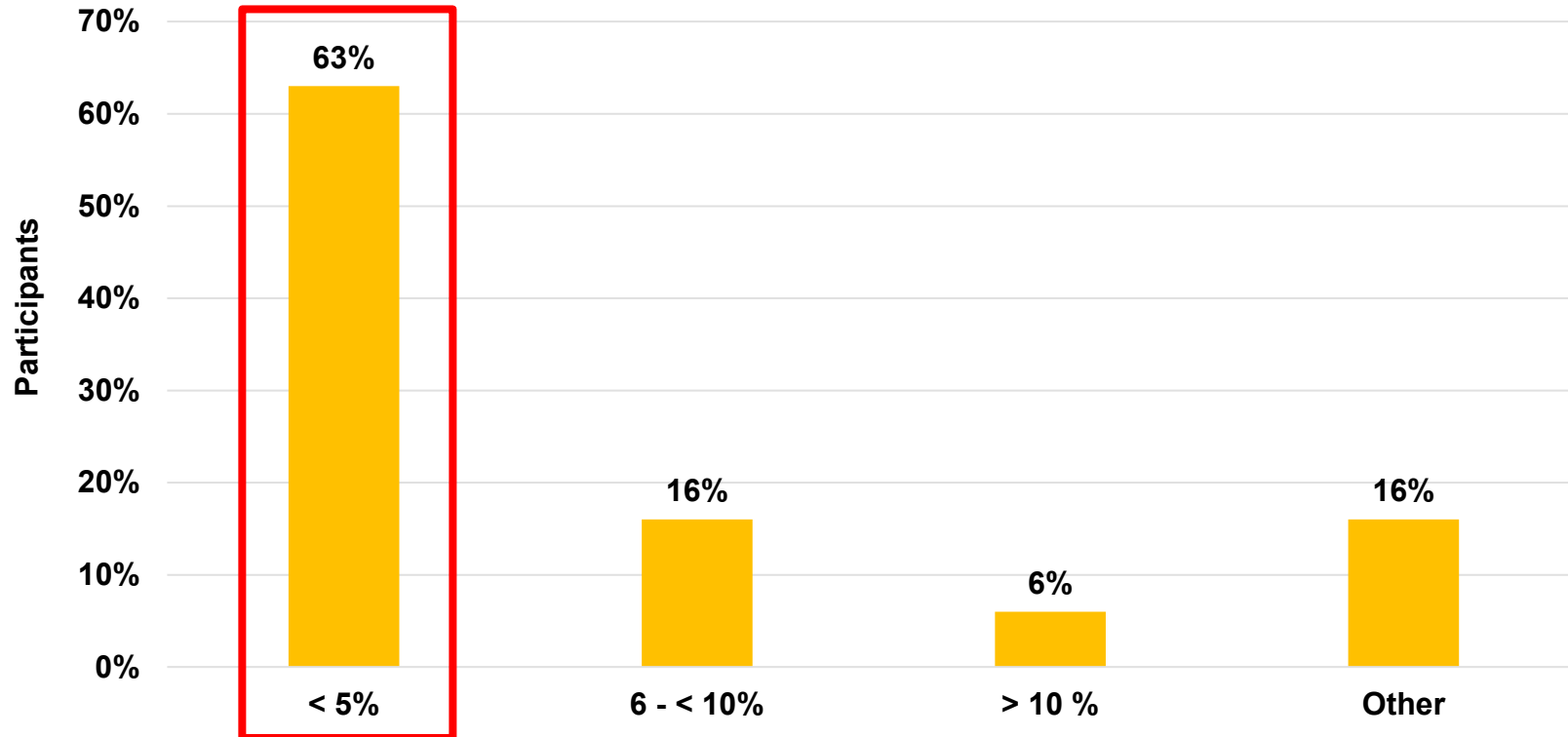
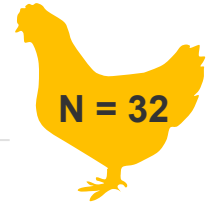
## Results of the survey

# What is the mortality rate associated with visible lesions?



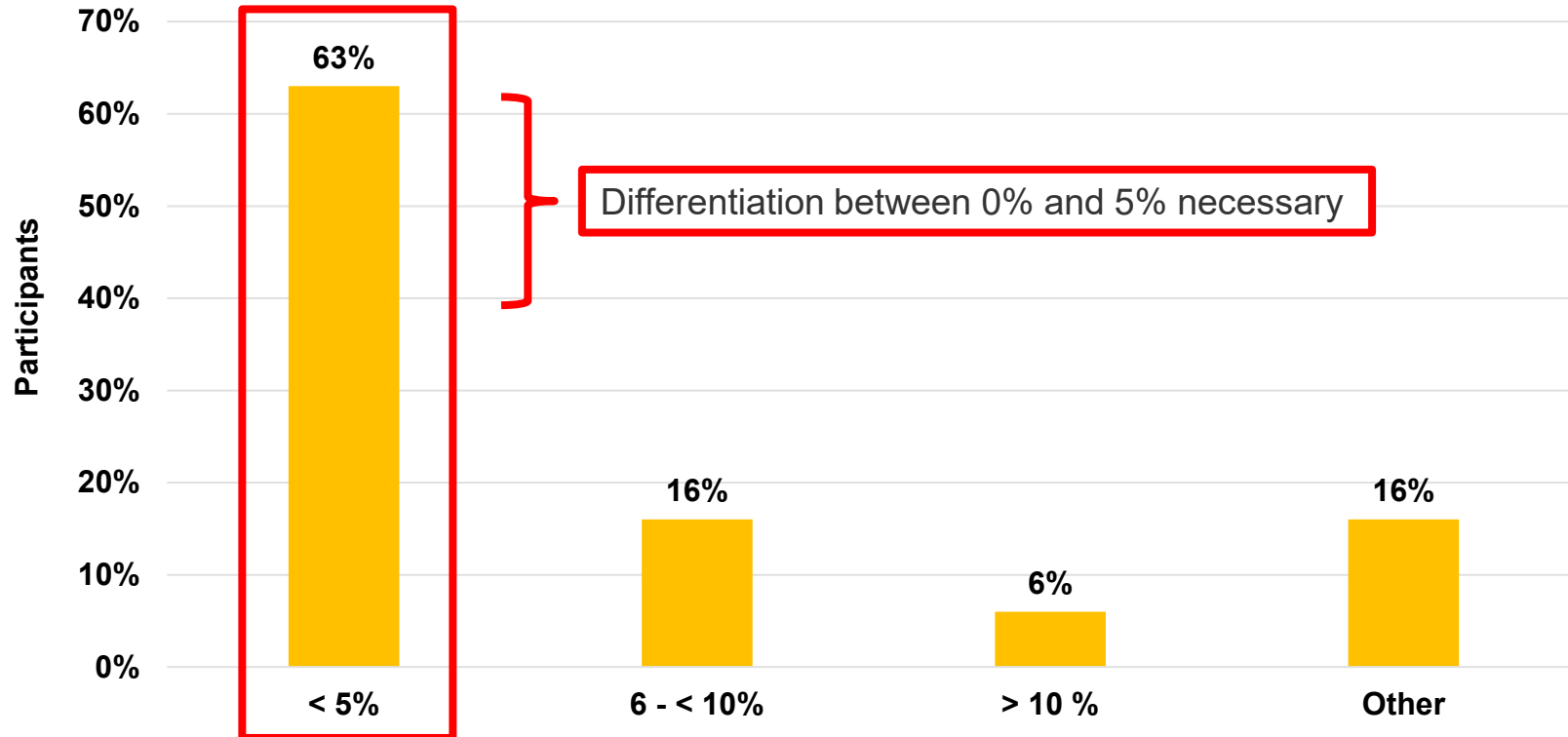
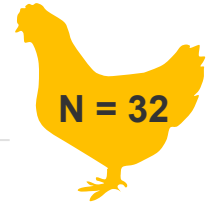
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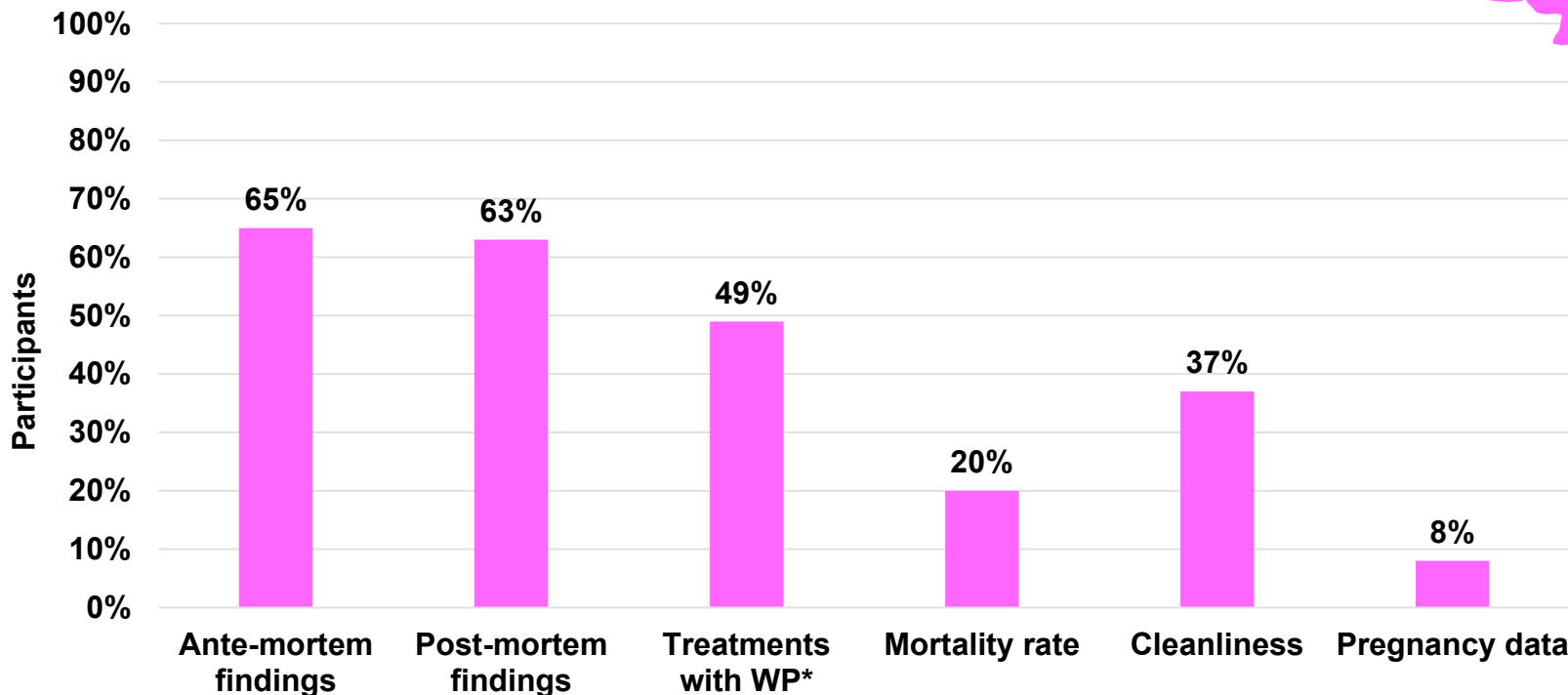
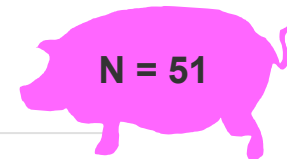


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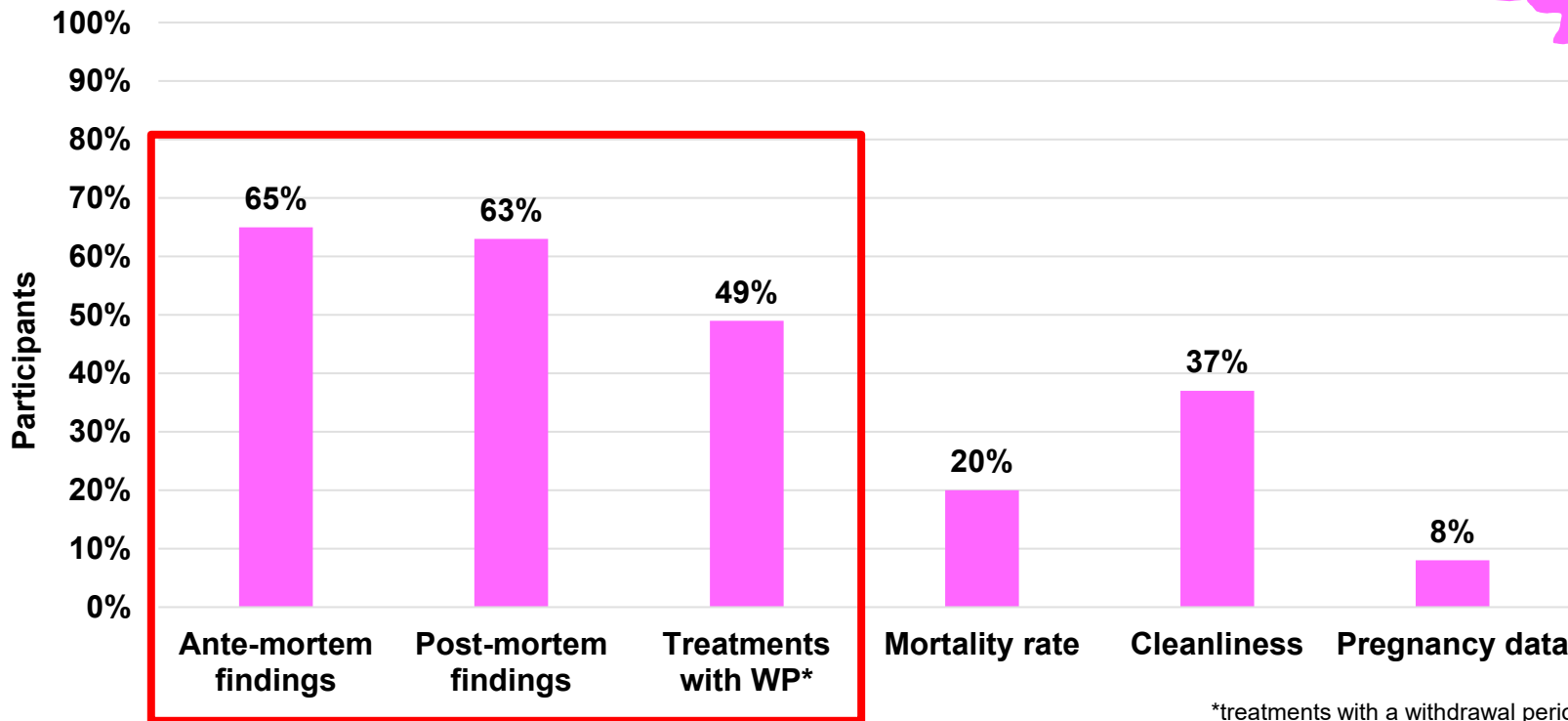
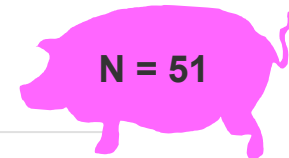


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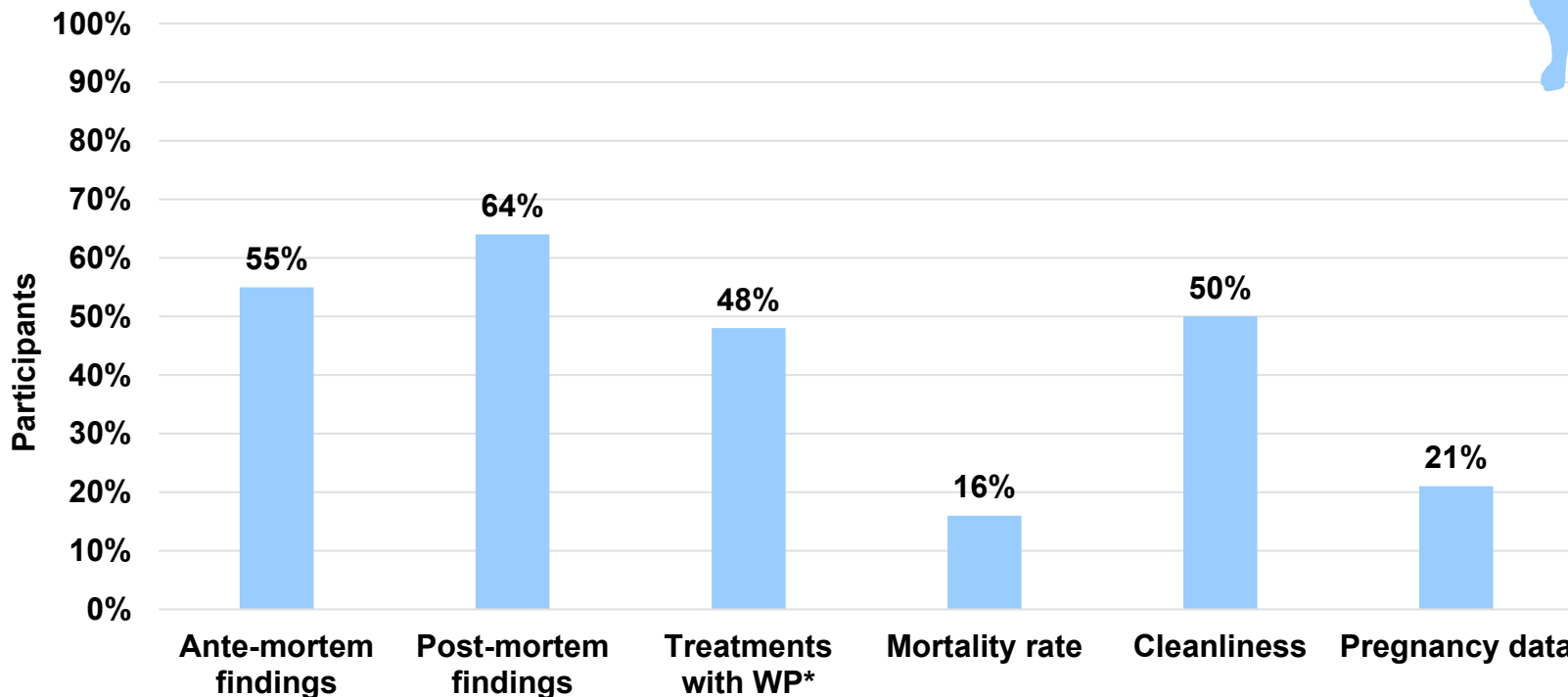
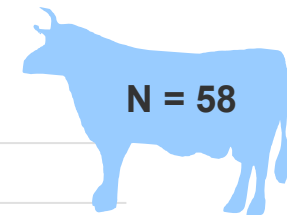
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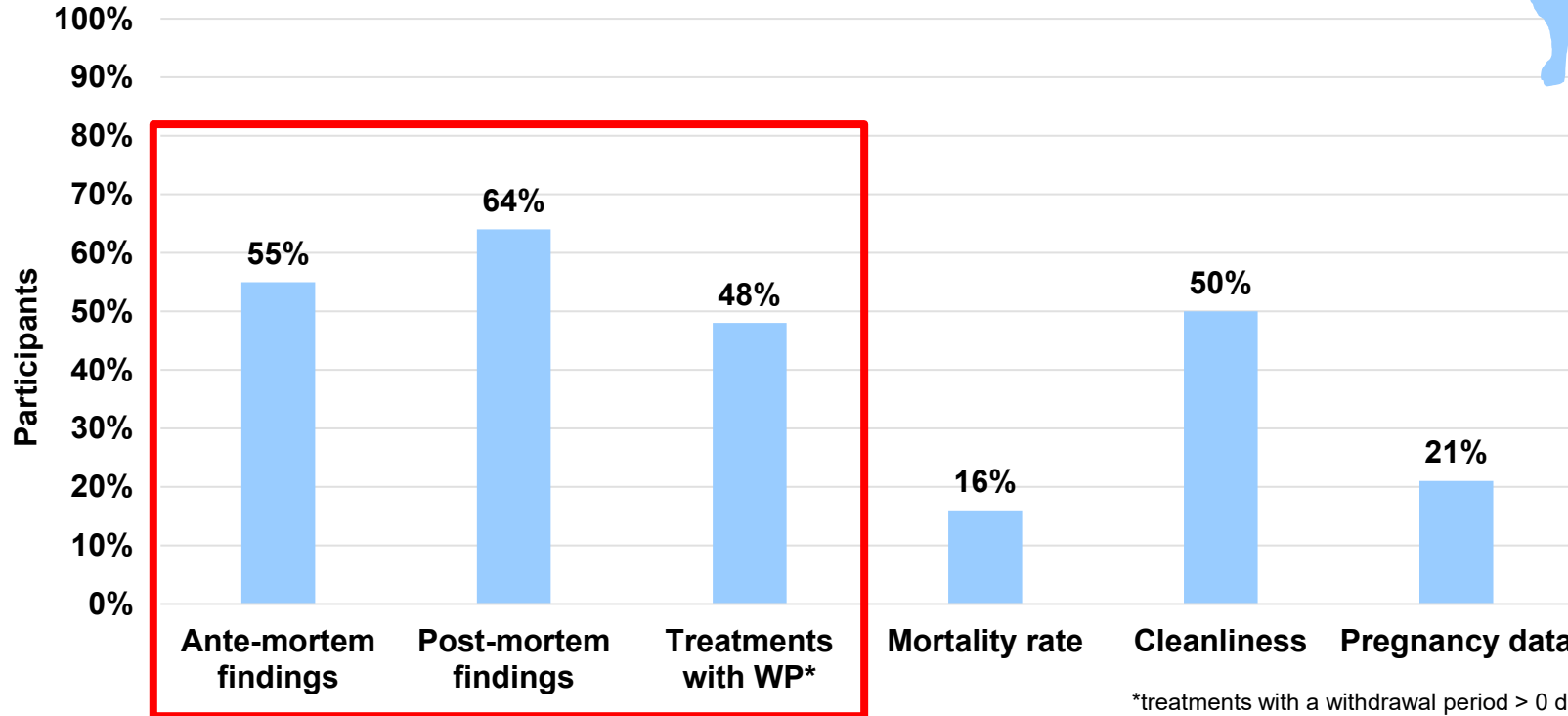
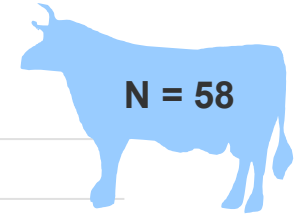
# Which information do you receive? (extract)



\*treatments with a withdrawal period > 0 days during the fattening period/life span

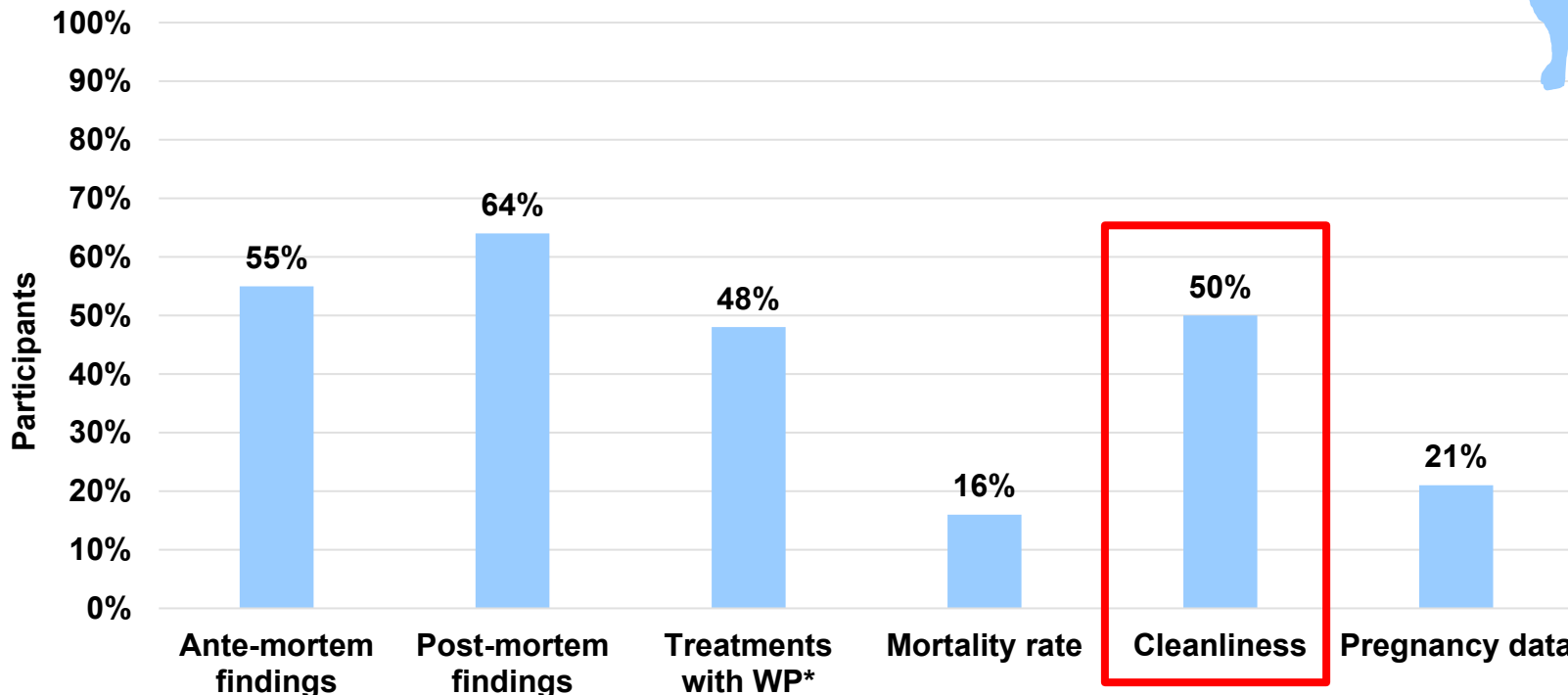
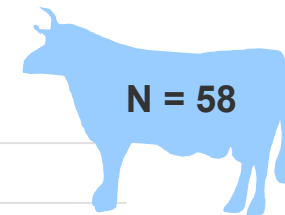
## Results of the survey

# Which information do you receive? (extract)



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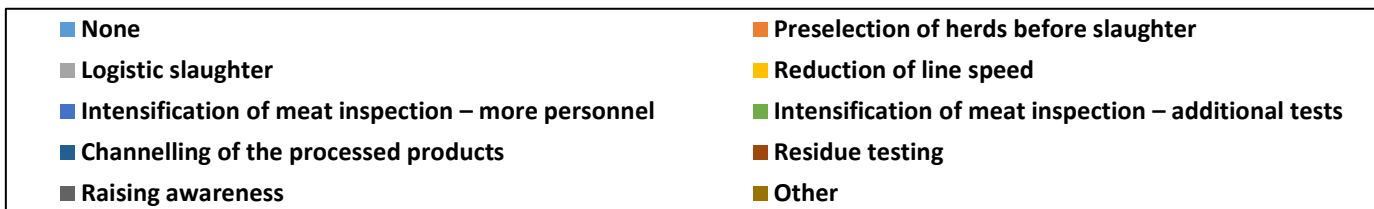
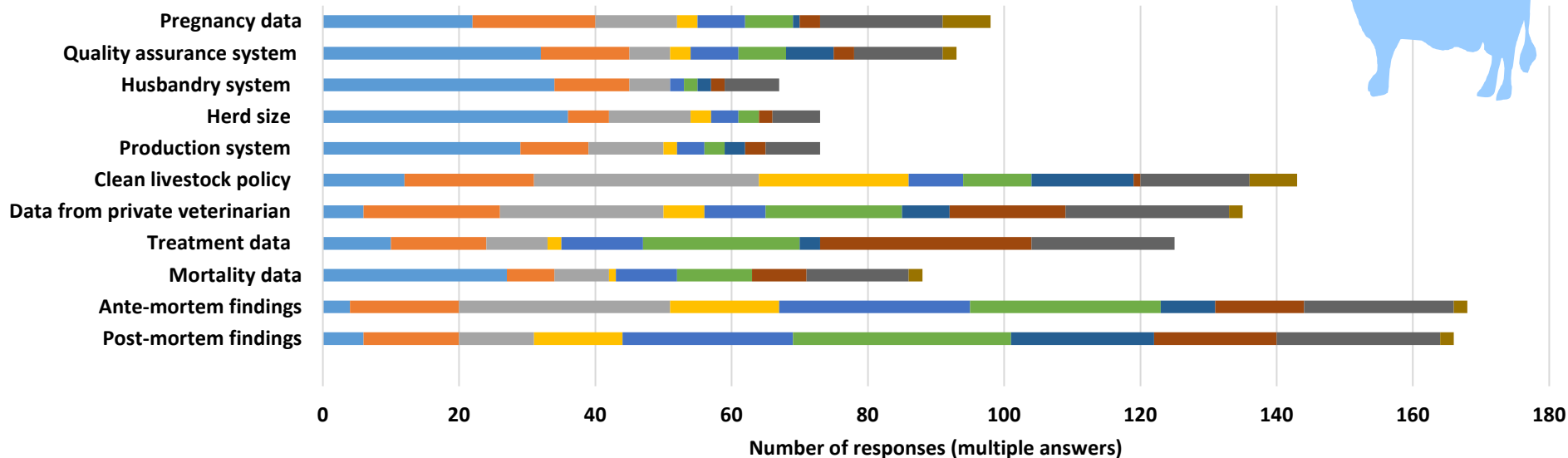
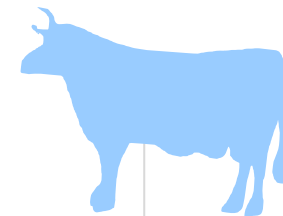
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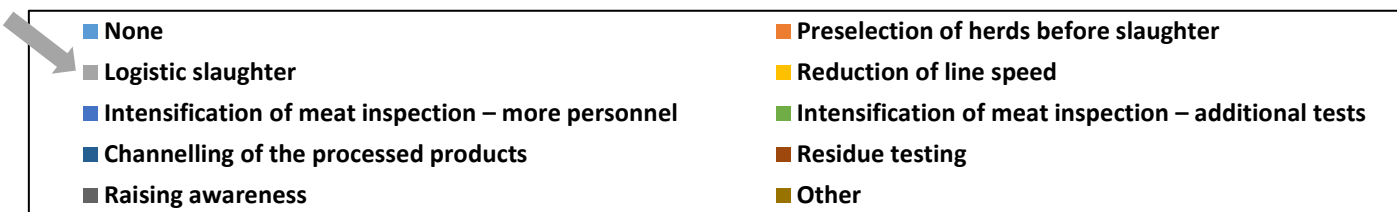
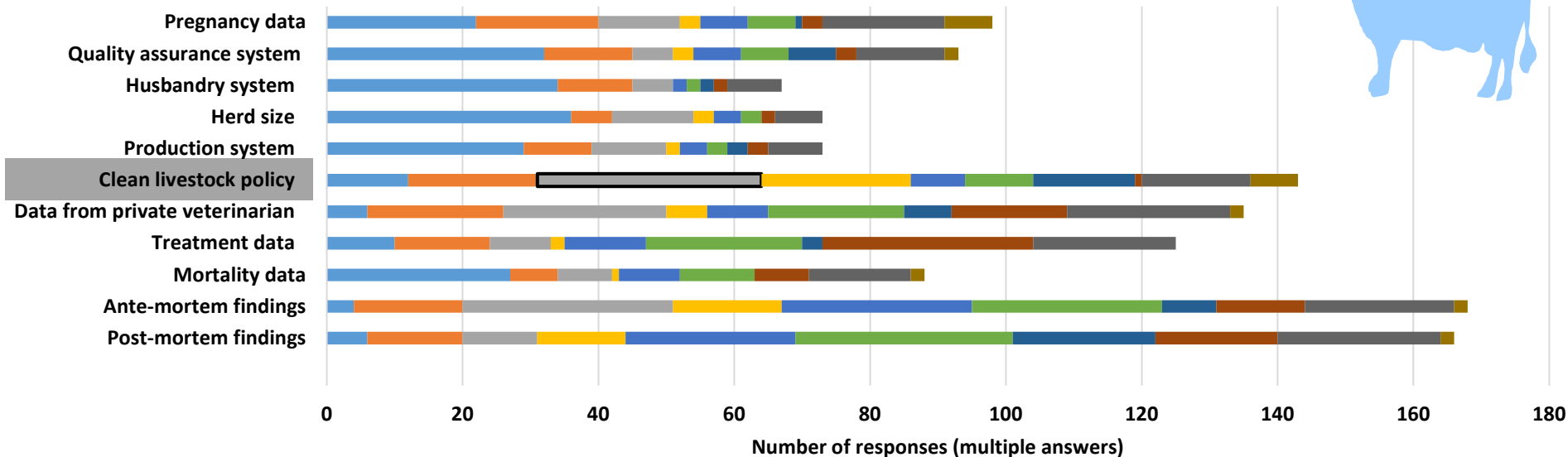
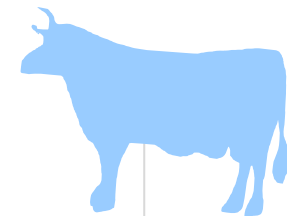
# Results of the survey

## Consequences



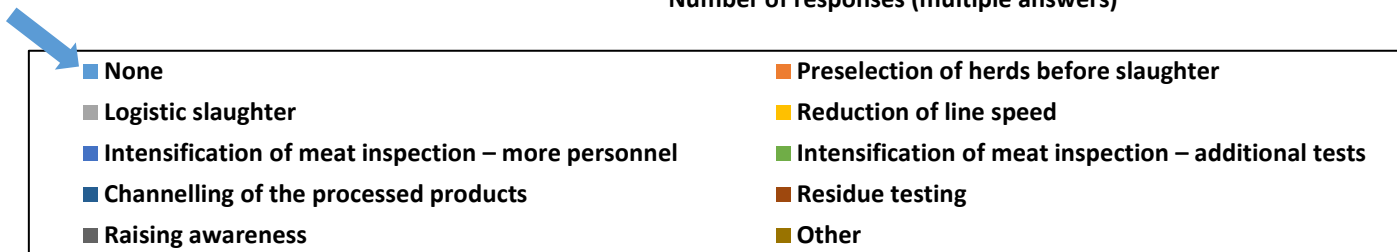
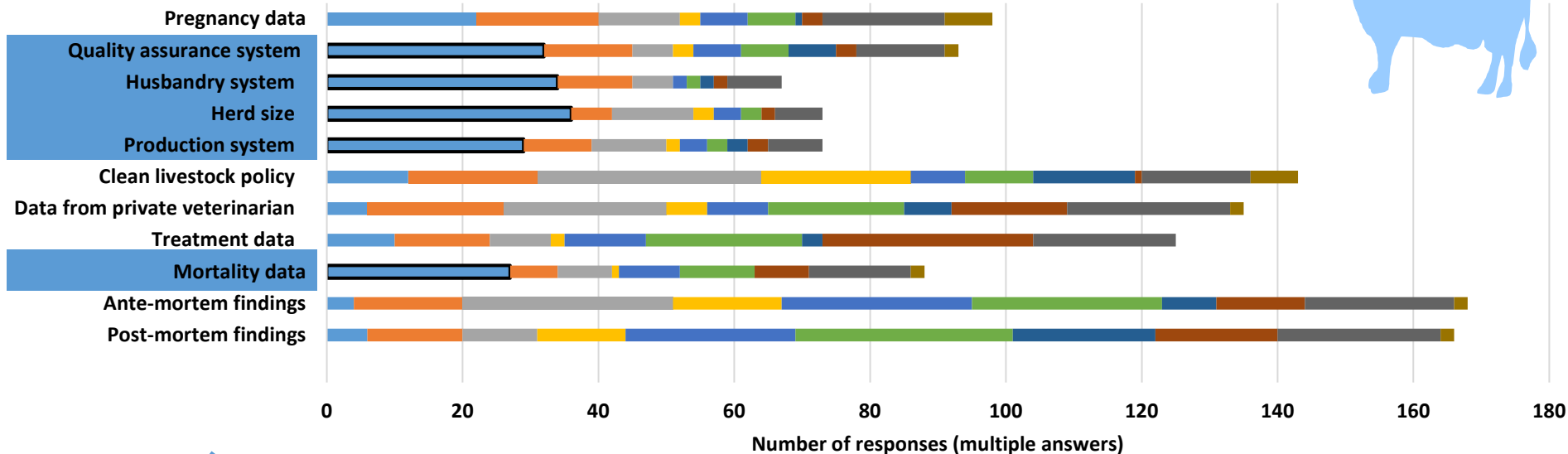
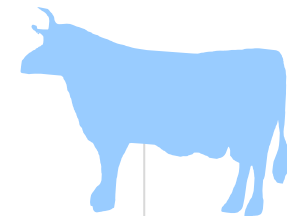
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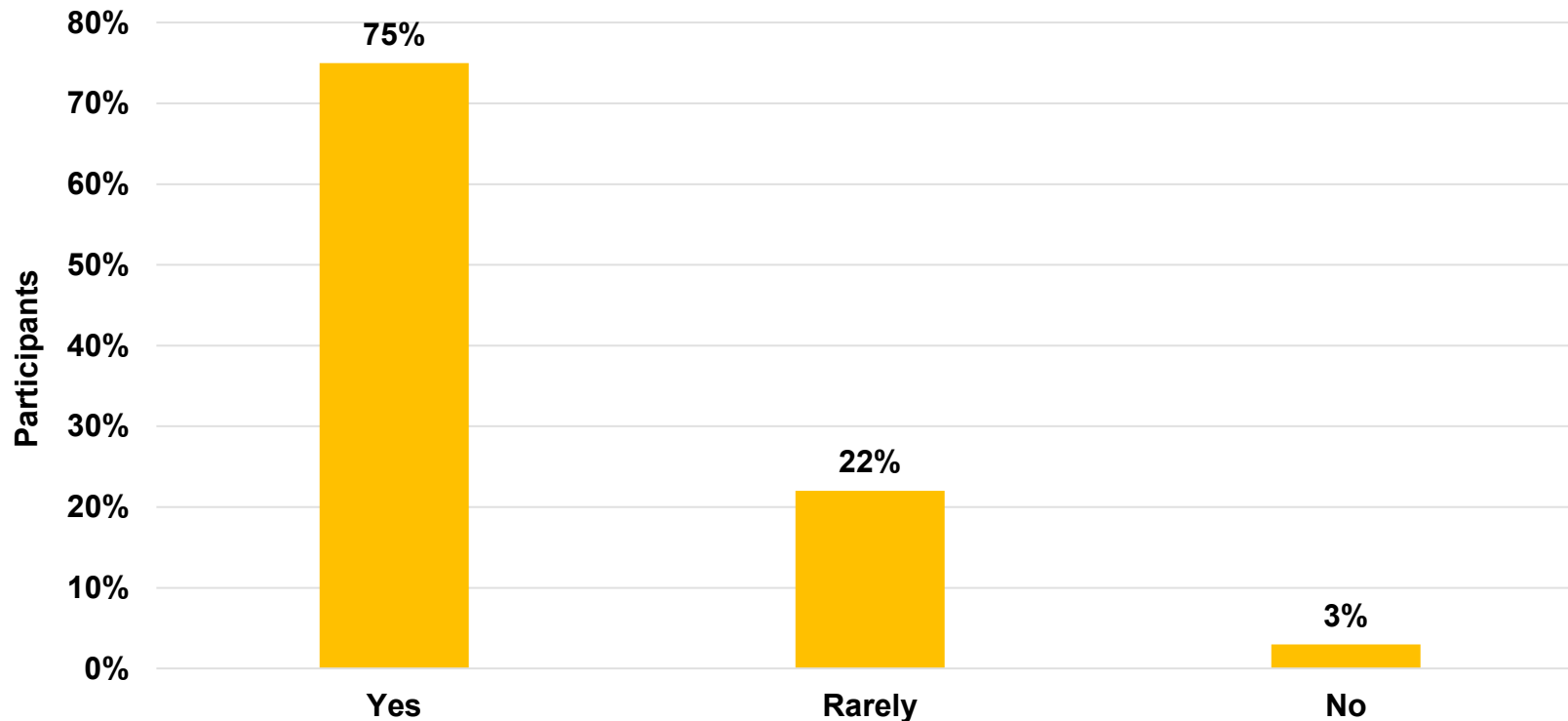
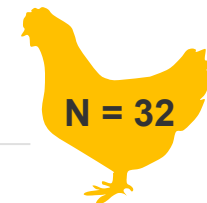


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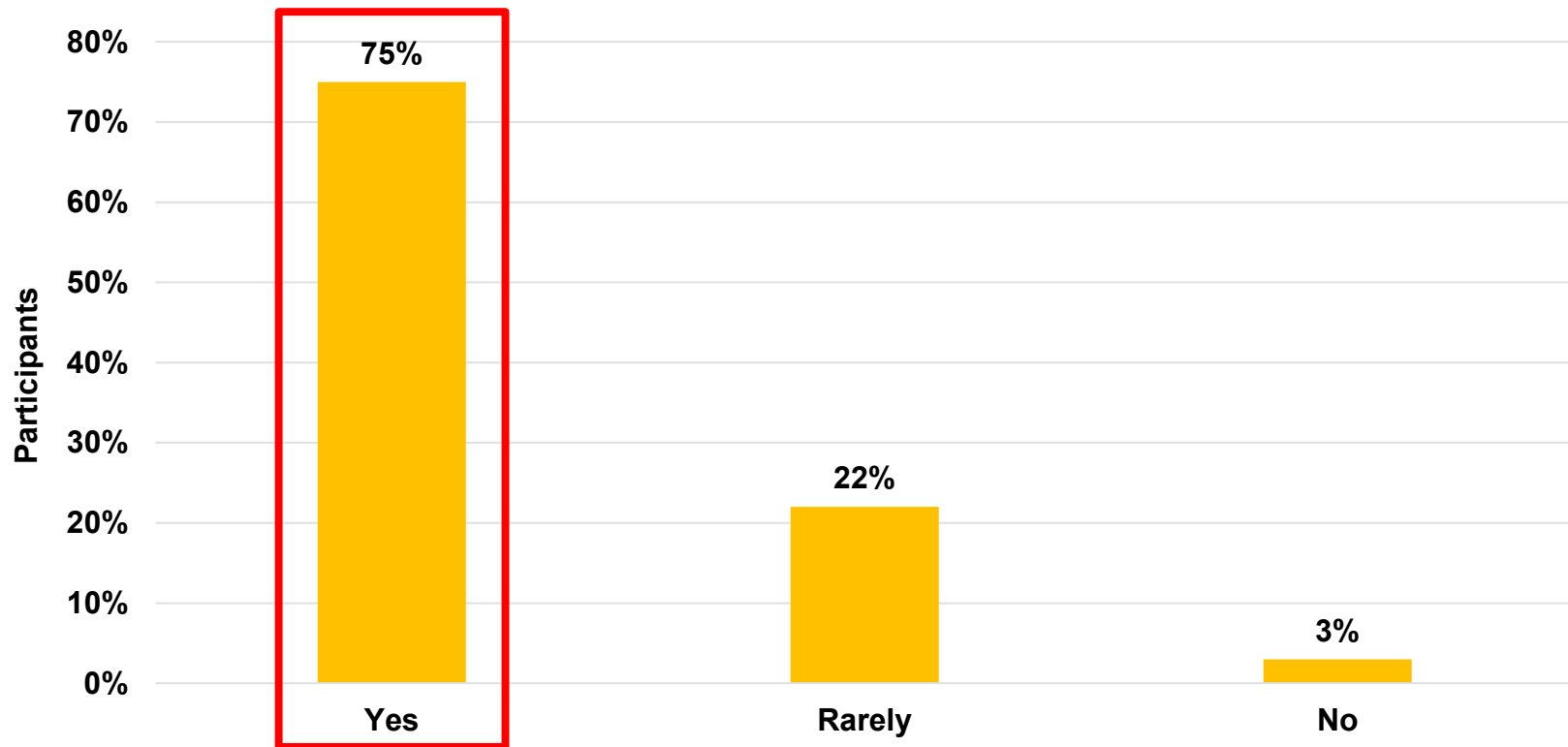
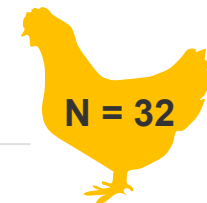
## Consequences



# Does FCI help you in decision-making?



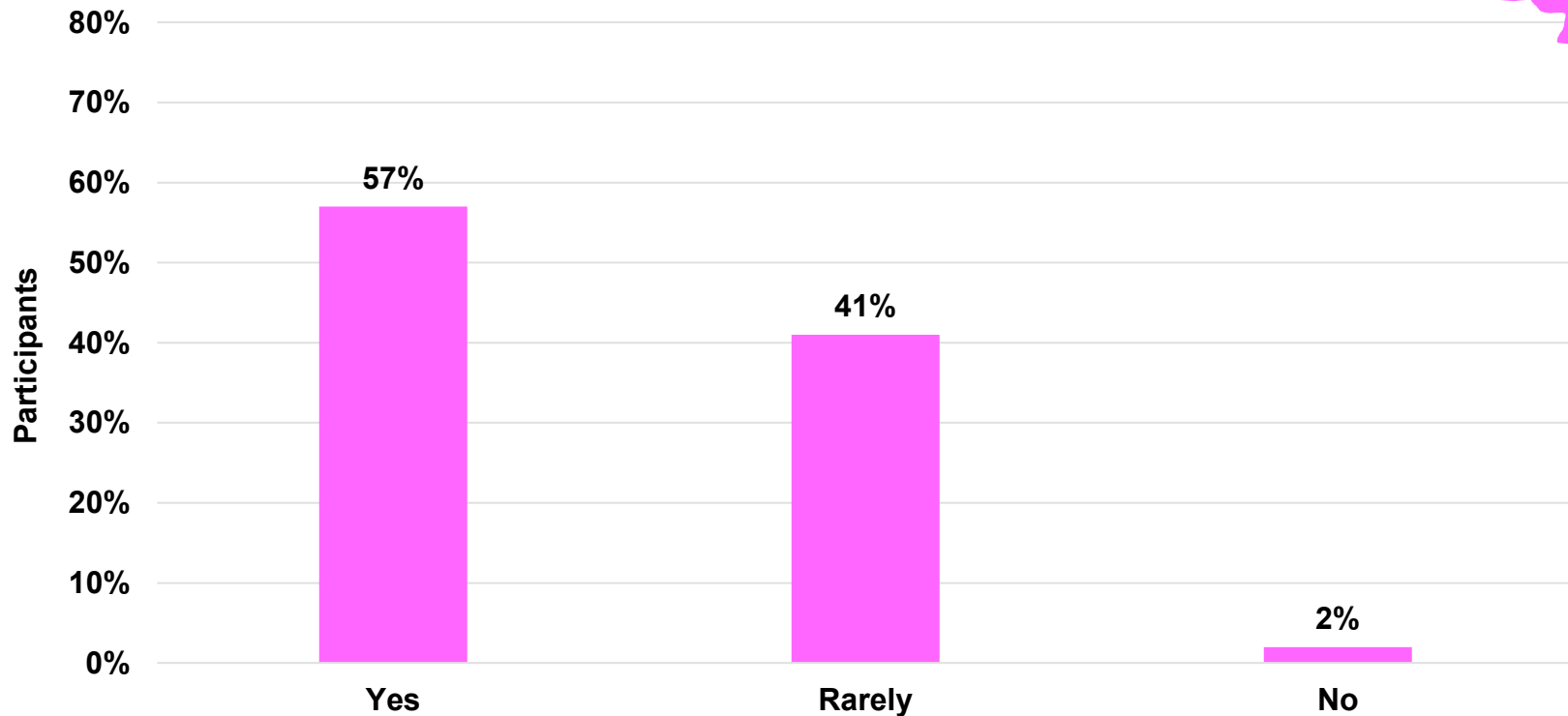
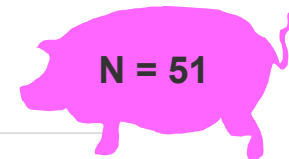
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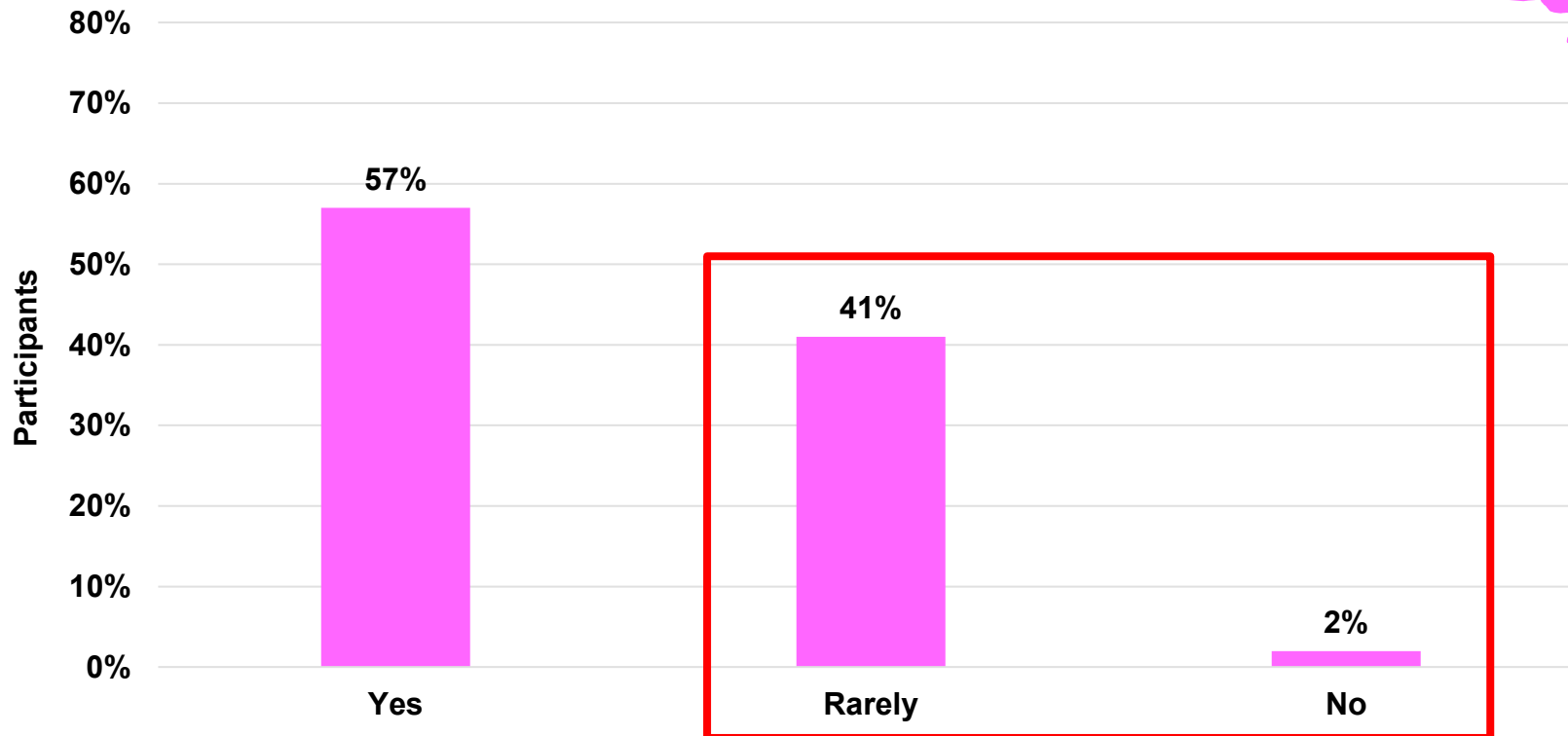
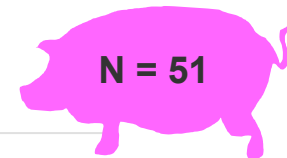
## Results of the survey

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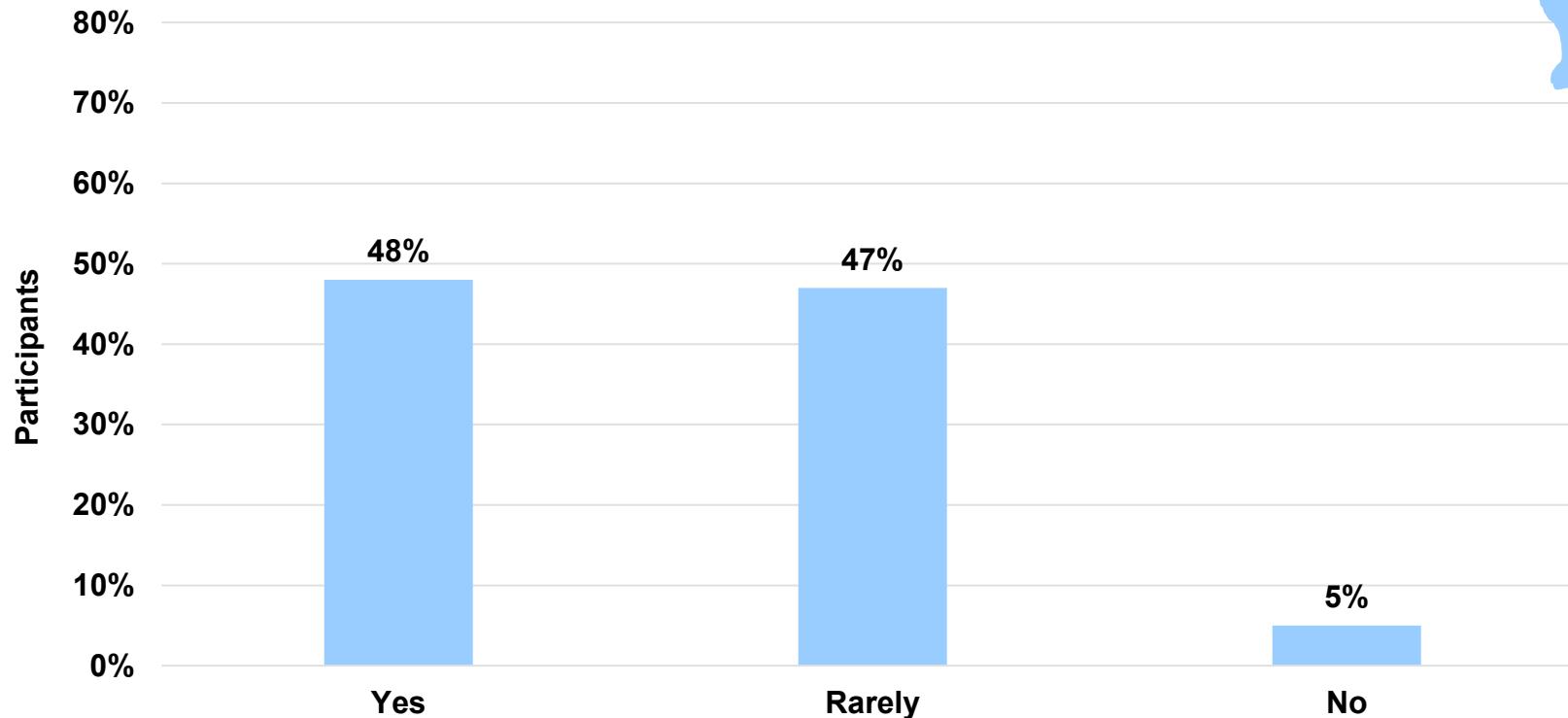
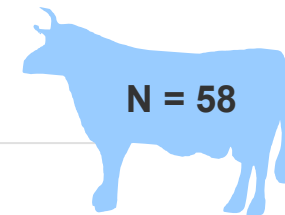
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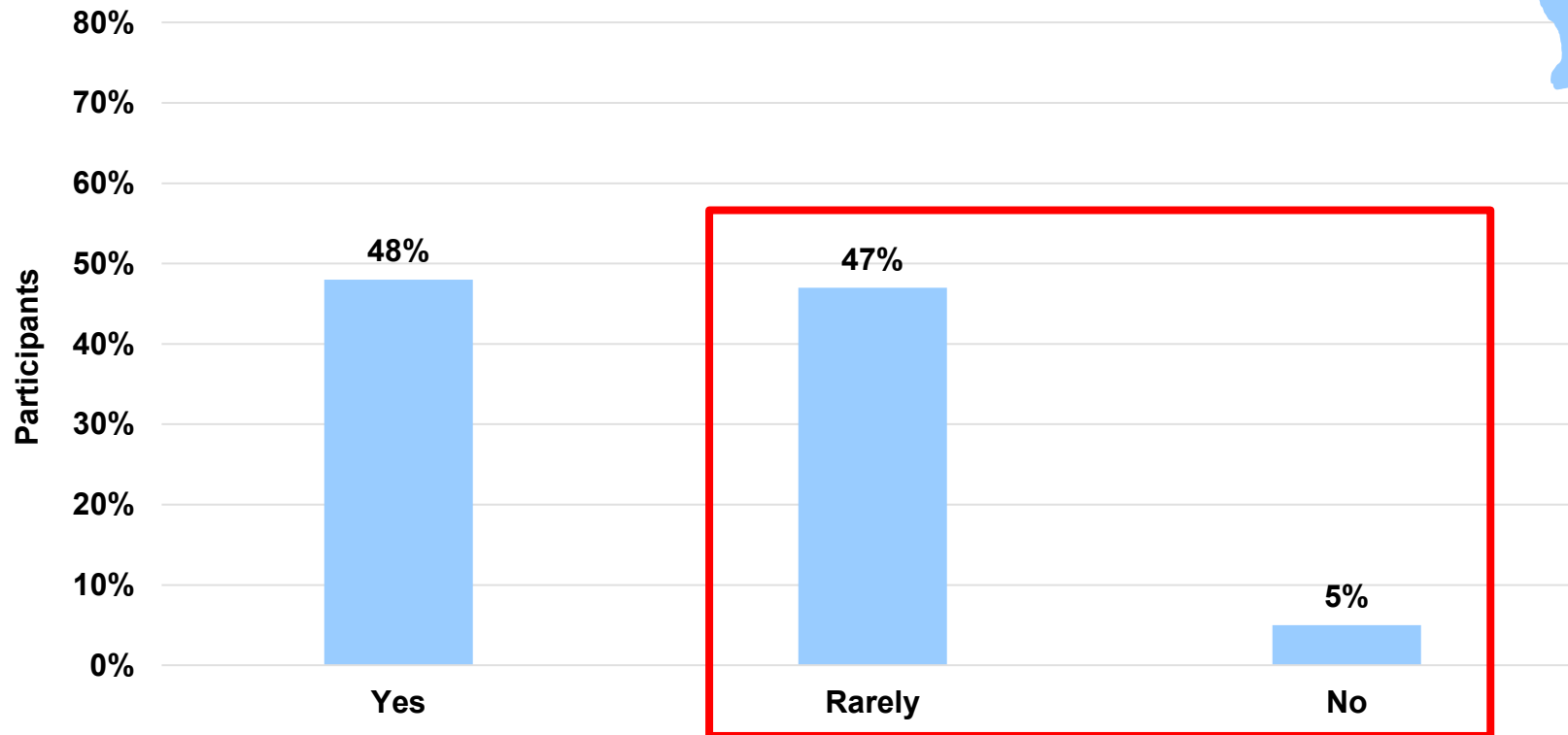
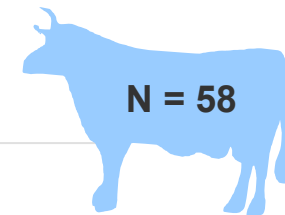


## Results of the survey

# Does FCI help you in decision-making?



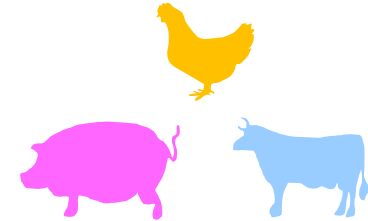
# Does FCI help you in decision-making?



# Which information would be helpful?

## Species-overlapping agreements

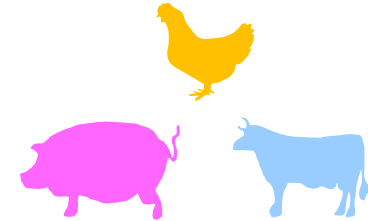
- Mortality rate
- Treatment data
- Clean livestock policy
- Data from the private veterinarian



# Which information would be helpful?

## Species-overlapping agreements

- Mortality rate
- Treatment data
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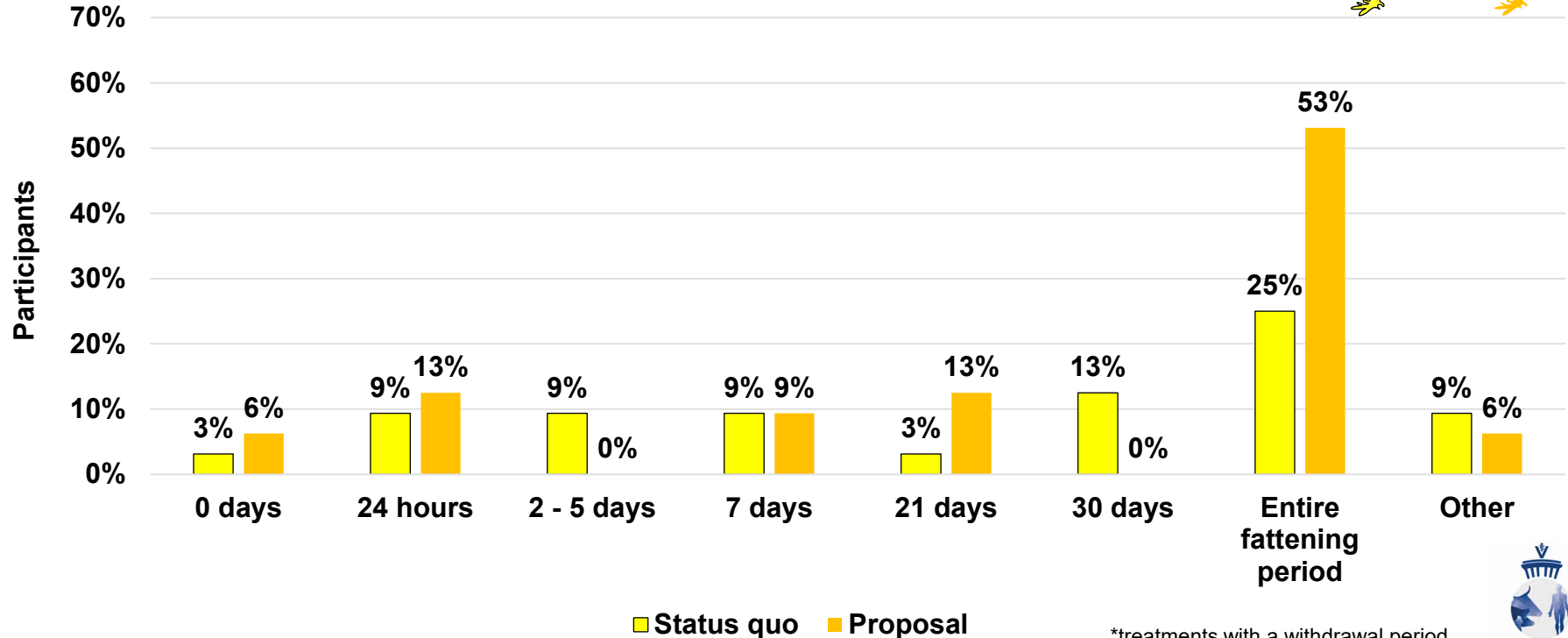
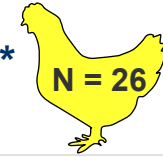
## Species-specific agreements

- Pregnancy data
- Multi-serological results



## Results of the survey

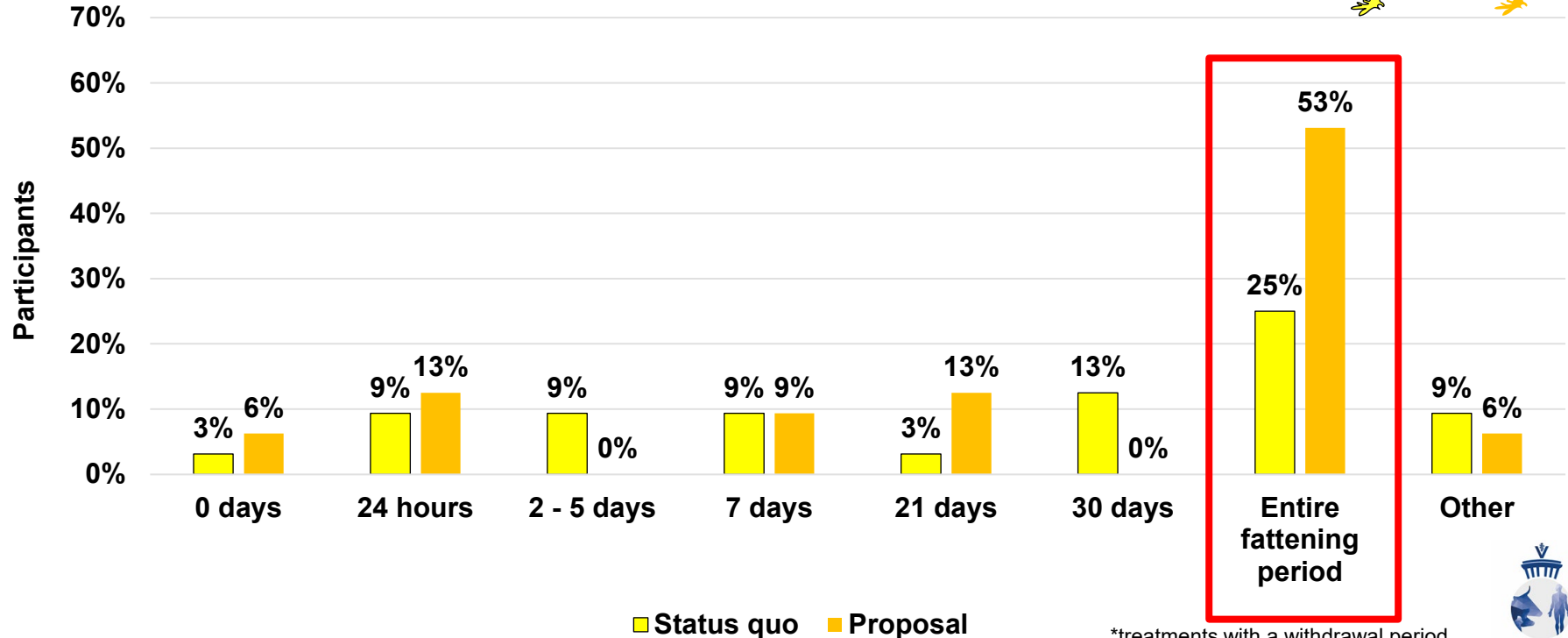
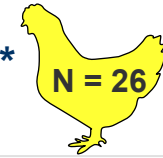
# Relevant time before slaughter for documentation of treatments with WP\*



\*treatments with a withdrawal period  
> 0 days during the fattening period

## Results of the survey

# Relevant time before slaughter for documentation of treatments with WP\*

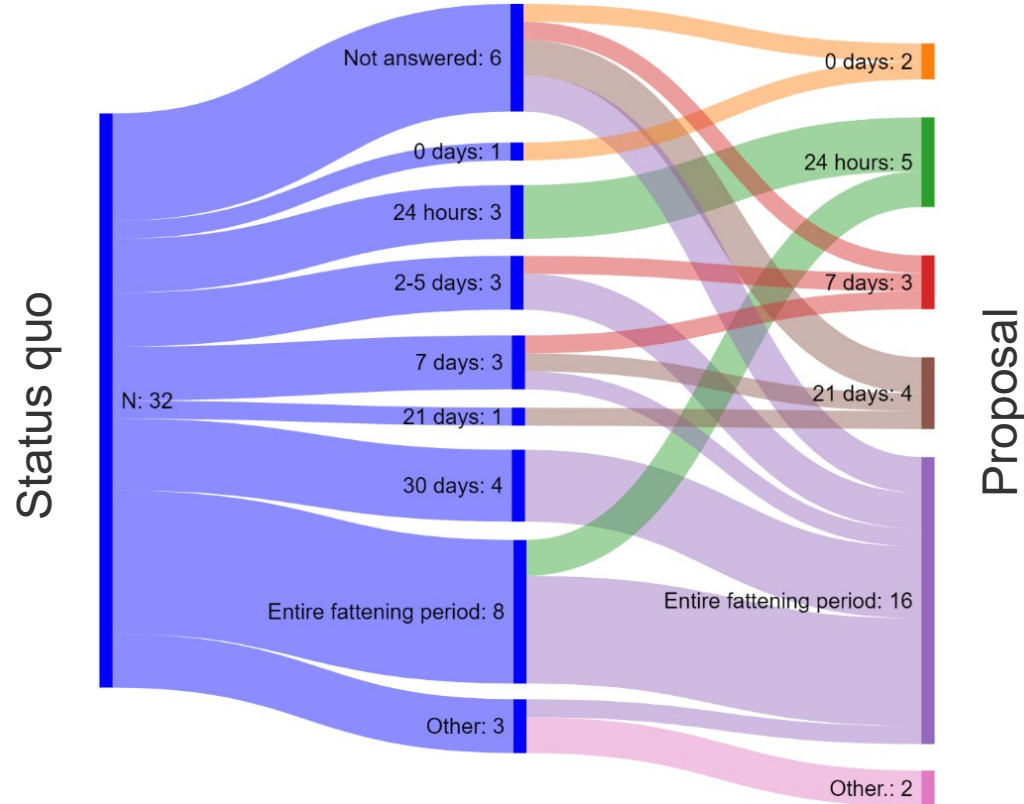
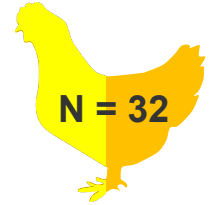


\*treatments with a withdrawal period  
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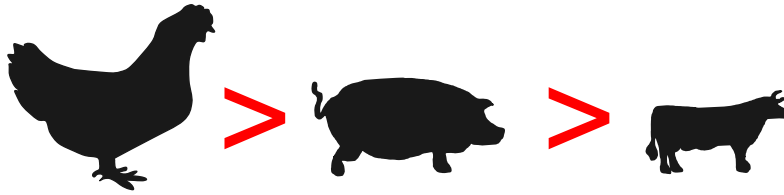
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# Relevant time before slaughter for documentation of treatments with WP\*



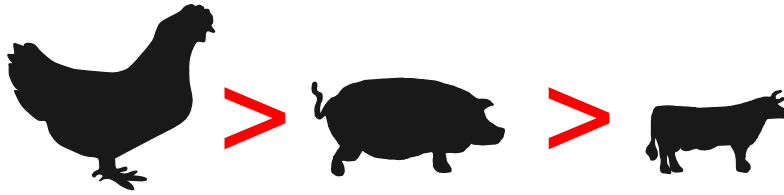
# Conclusions

a) Amount of information available

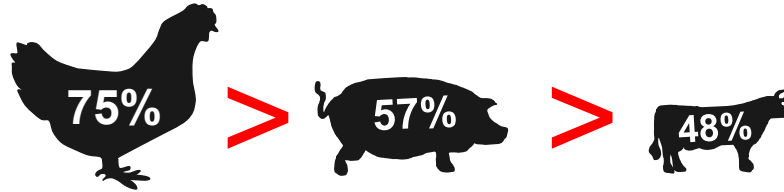


# Conclusions

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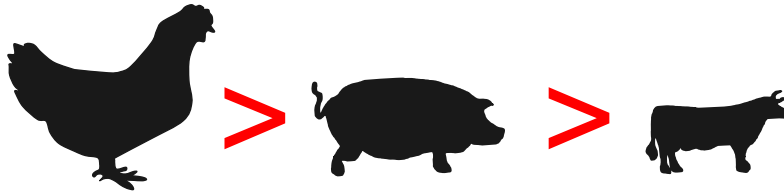


b) Helpfulness of FCI for decision-making

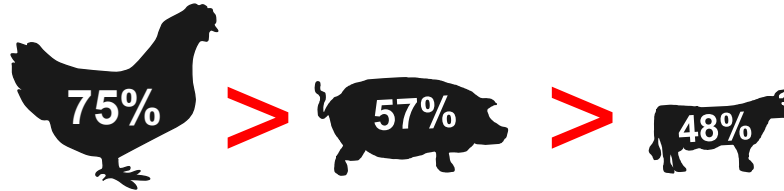


# Conclusions

a) Amount of information available



b) Helpfulness of FCI for decision-making

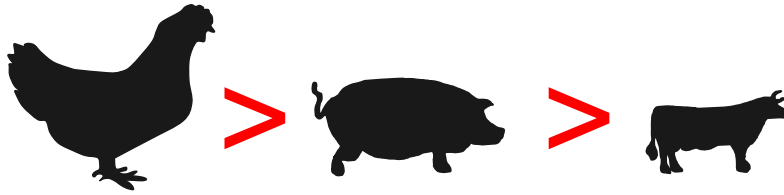


c) Information with no consequences:

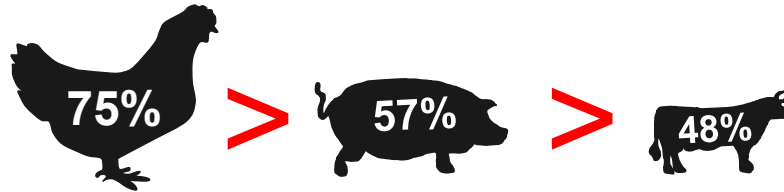
**Herd size, production system, husbandry system, and quality assurance system**

# Conclusions

a) Amount of information available



b) Helpfulness of FCI for decision-making



c) Information with no consequences:

**Herd size, production system, husbandry system, and quality assurance system**

More **discriminative** information is needed.

Thank you for the attention.

And a special thanks to  
all participants, RIBMINS NCPs,  
and WG 2 members.



Funded by the 2020 Framework Programme  
of the European Union

[www.cost.eu](http://www.cost.eu)

[www.ribmins.com](http://www.ribmins.com)  
scan this



# WE NEED YOUR HELP

1. **Relevant time** for documentation of **treatments with a WP > 0 days**  
→ Link to the sources of law
2. **Forms for FCI** for broilers, pigs, and bovines  
→ Links to the forms
3. **Additional** common private ways of **FCI transmission?**  
→ Which information is transferred?

E-Mail: [ting-ting.li@fu-berlin.de](mailto:ting-ting.li@fu-berlin.de)