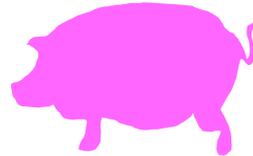
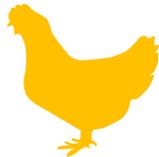


Food Chain Information

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



T.-T. Li¹, S. Langforth¹, T. Nesbakken², N. Langkabel¹, D. Meemken¹

¹ Institute of Food Safety and Food Hygiene, WG Meat Hygiene, Freie Universität Berlin

² 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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→ **Different implementation and information content throughout Europe**



Material and methods

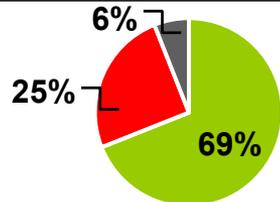
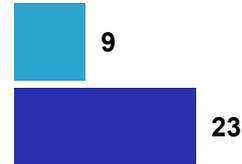
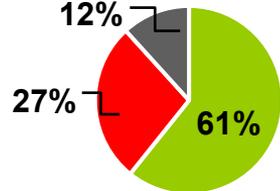
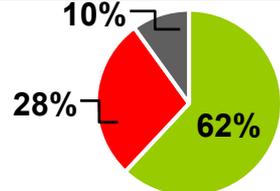
CA18105

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**

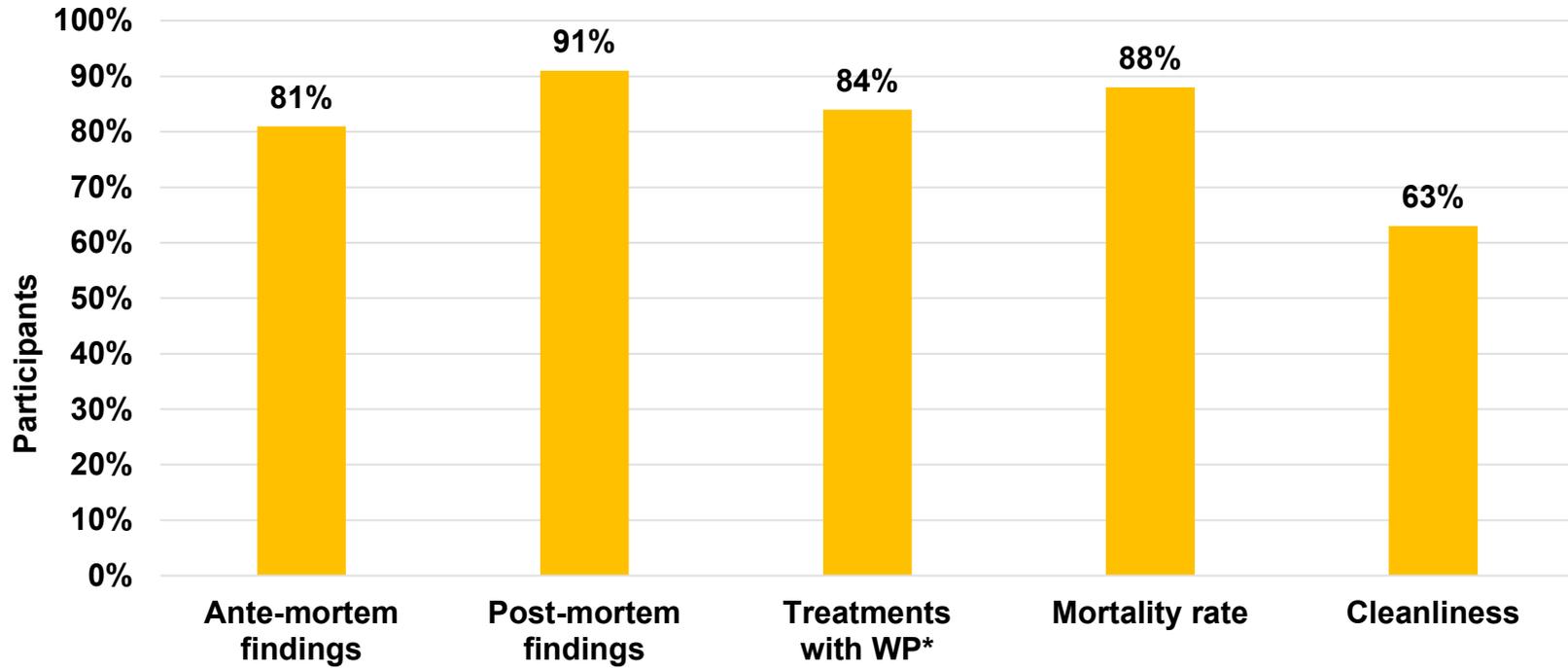
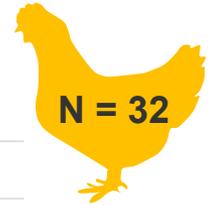
Results of the survey

General questions

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

Results of the survey

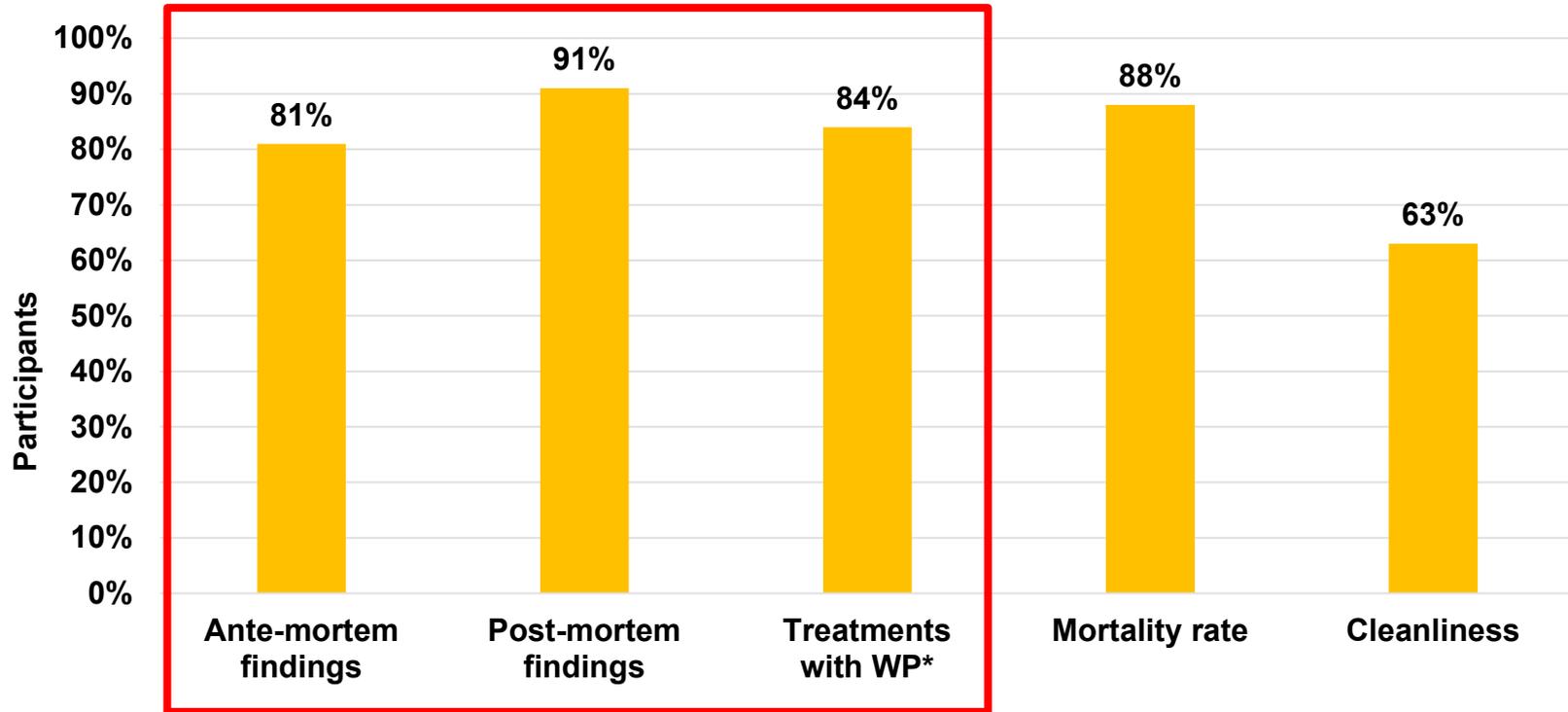
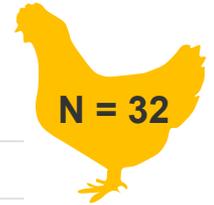
Which information do you receive? (extract)



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

Results of the survey

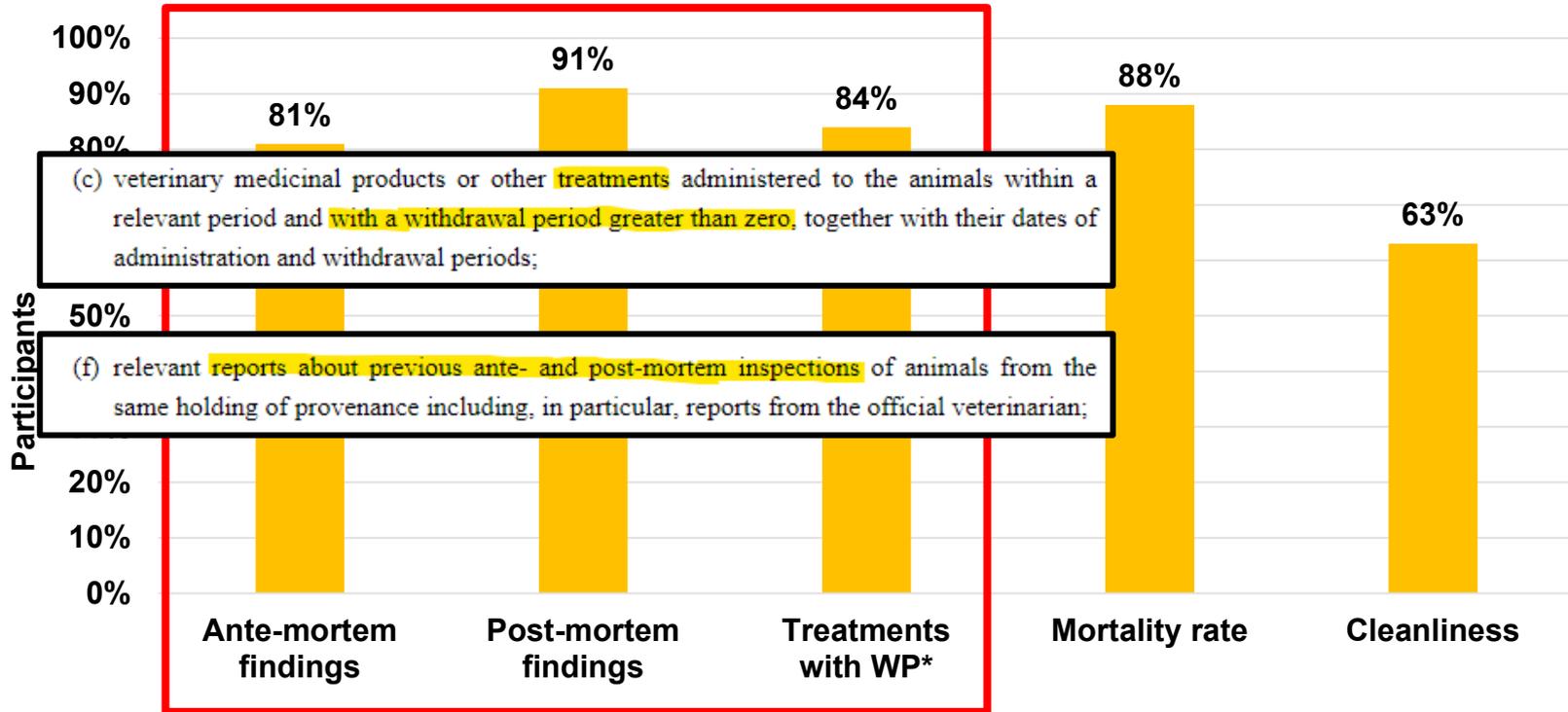
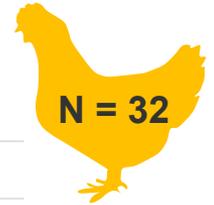
Which information do you receive? (extract)



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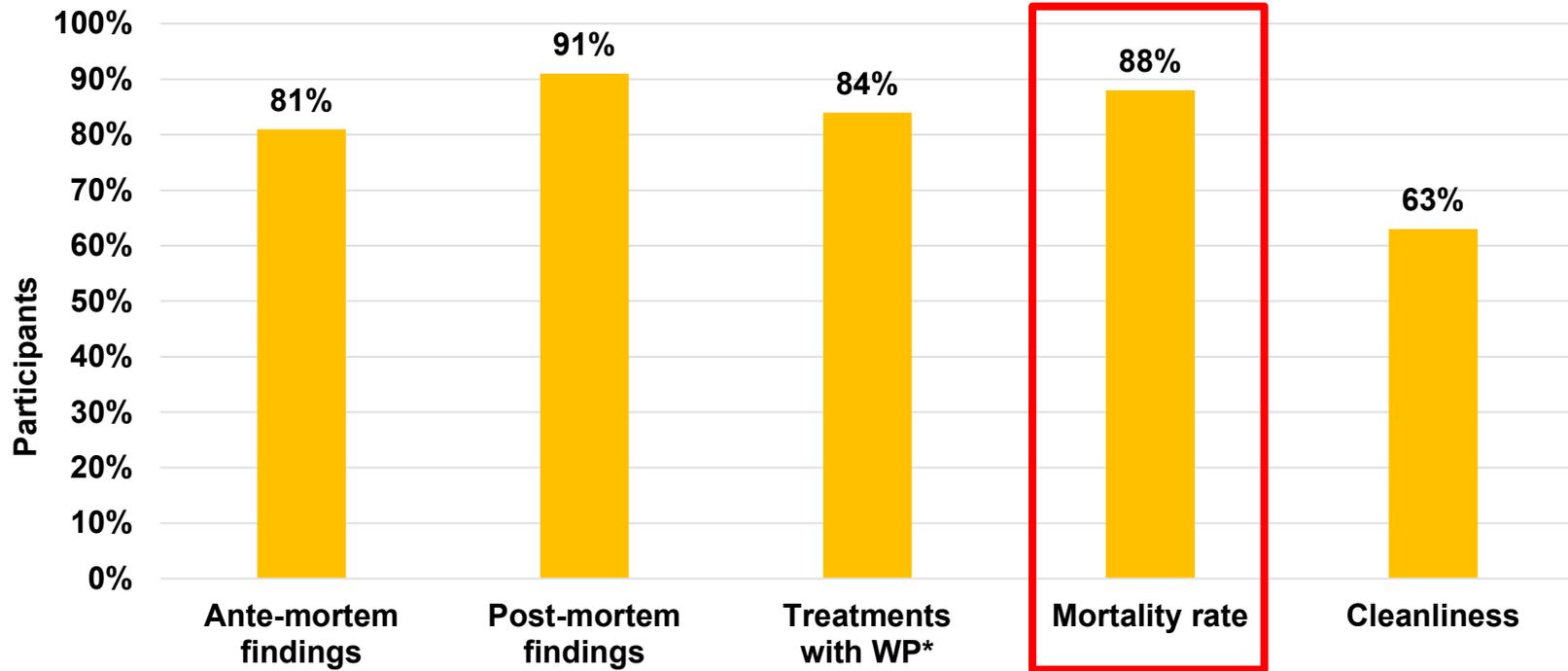
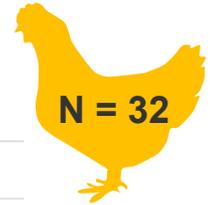
Results of the survey

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

Which information do you receive? (extract)

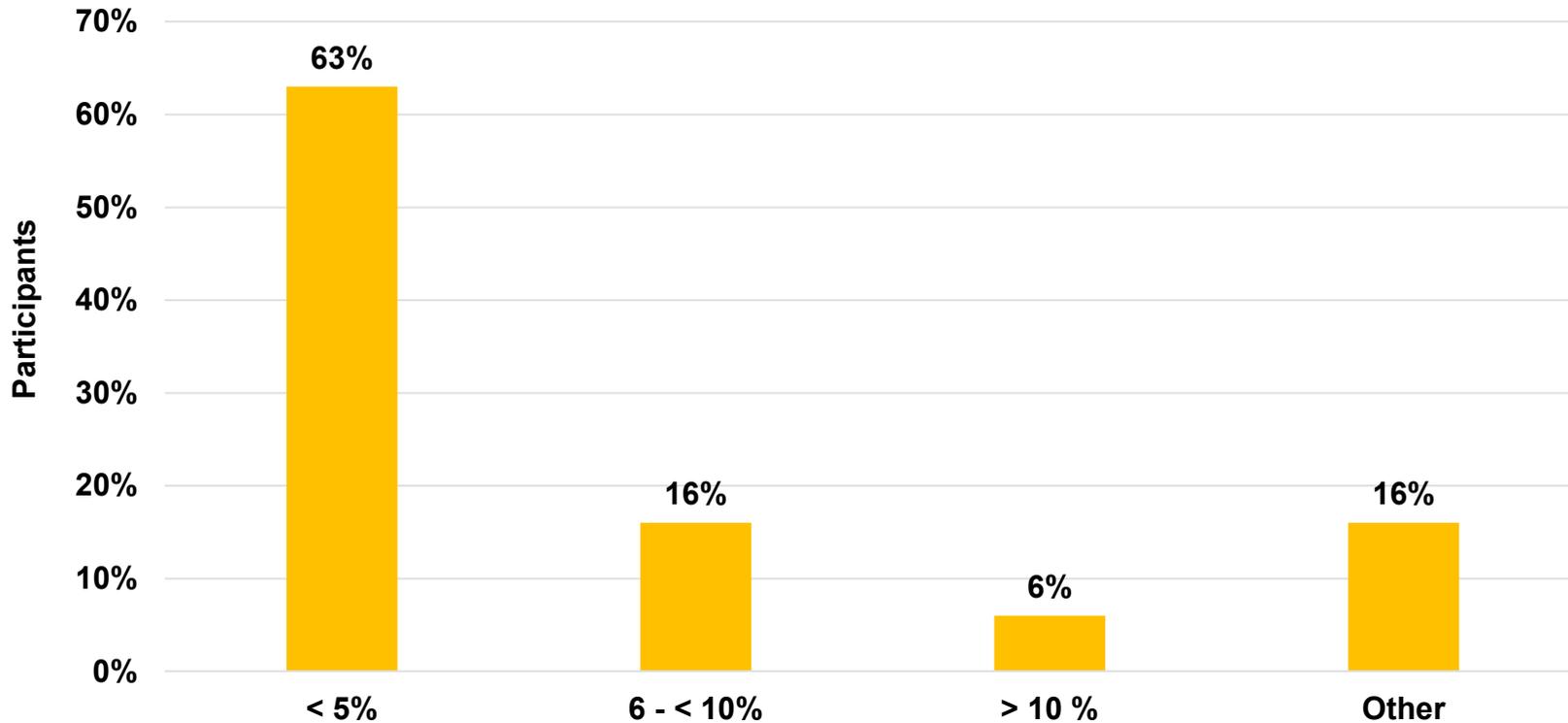
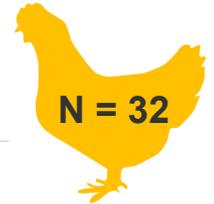


*treatments with a withdrawal period > 0 days during the fattening period



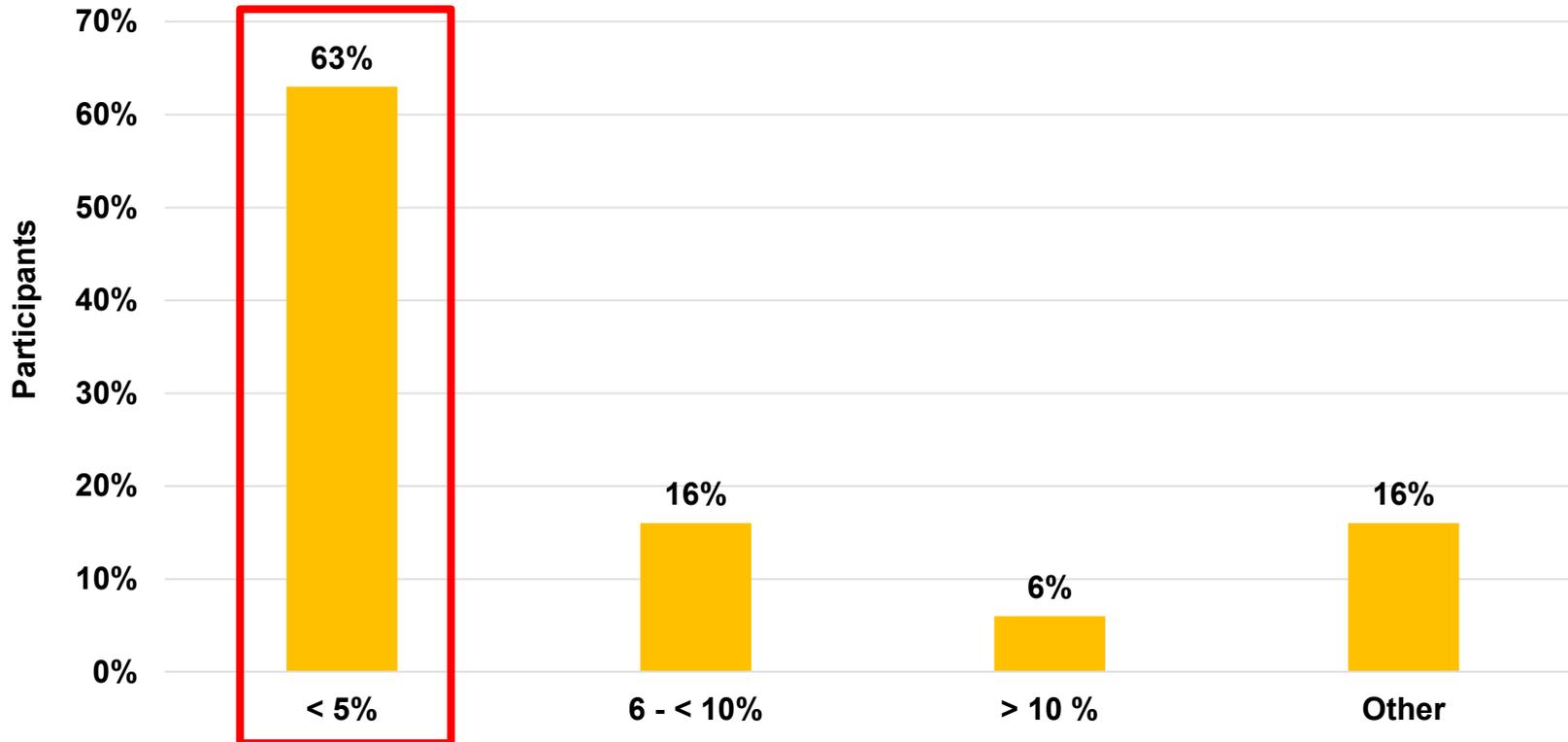
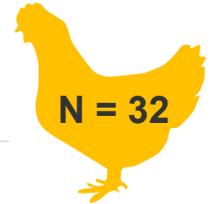
Results of the survey

What is the mortality rate associated with visible lesions?



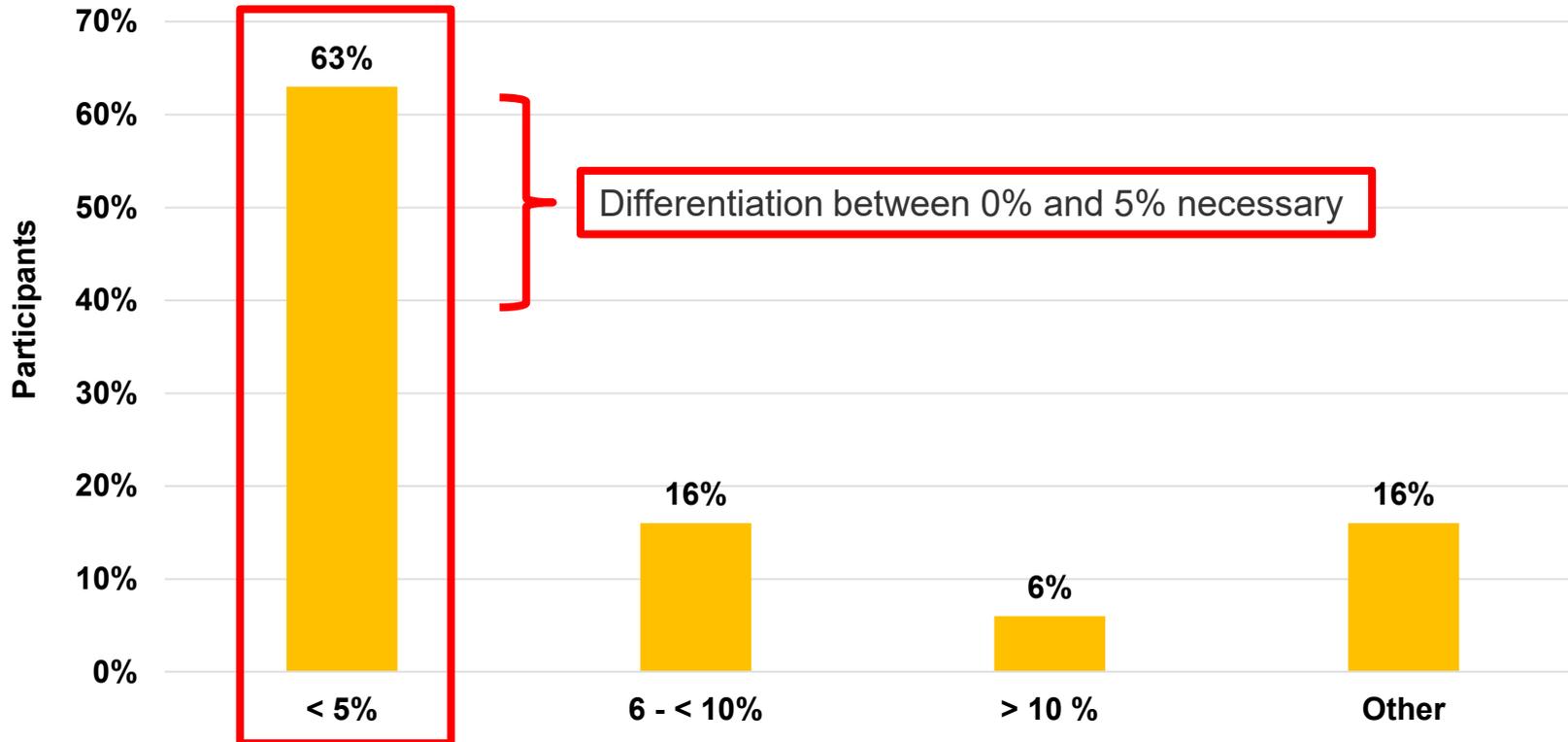
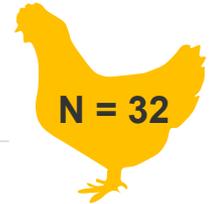
Results of the survey

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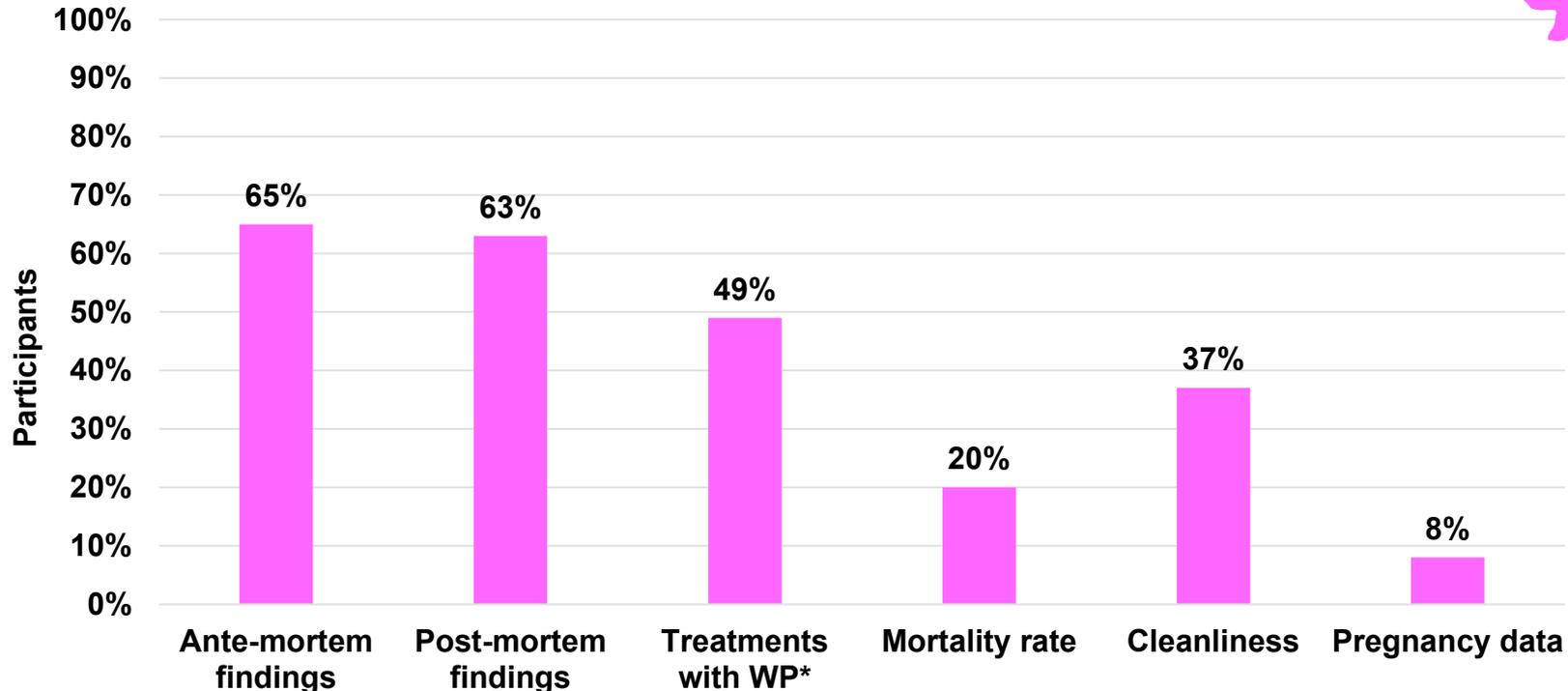
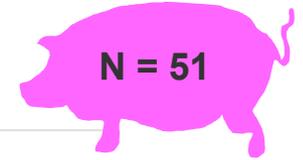
Results of the survey

What is the mortality rate associated with visible lesions?



Results of the survey

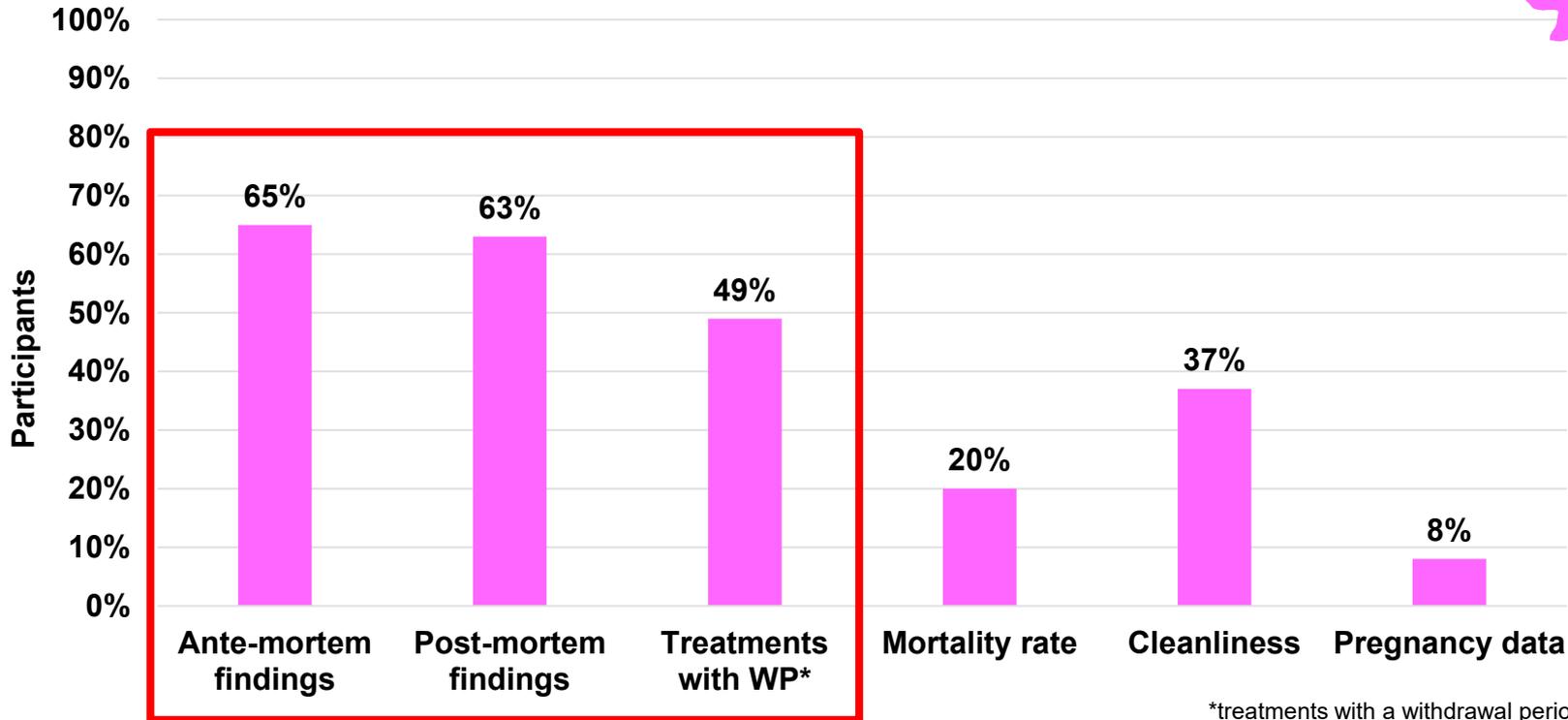
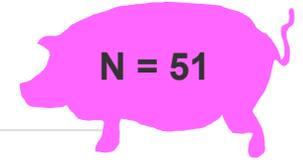
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Results of the survey

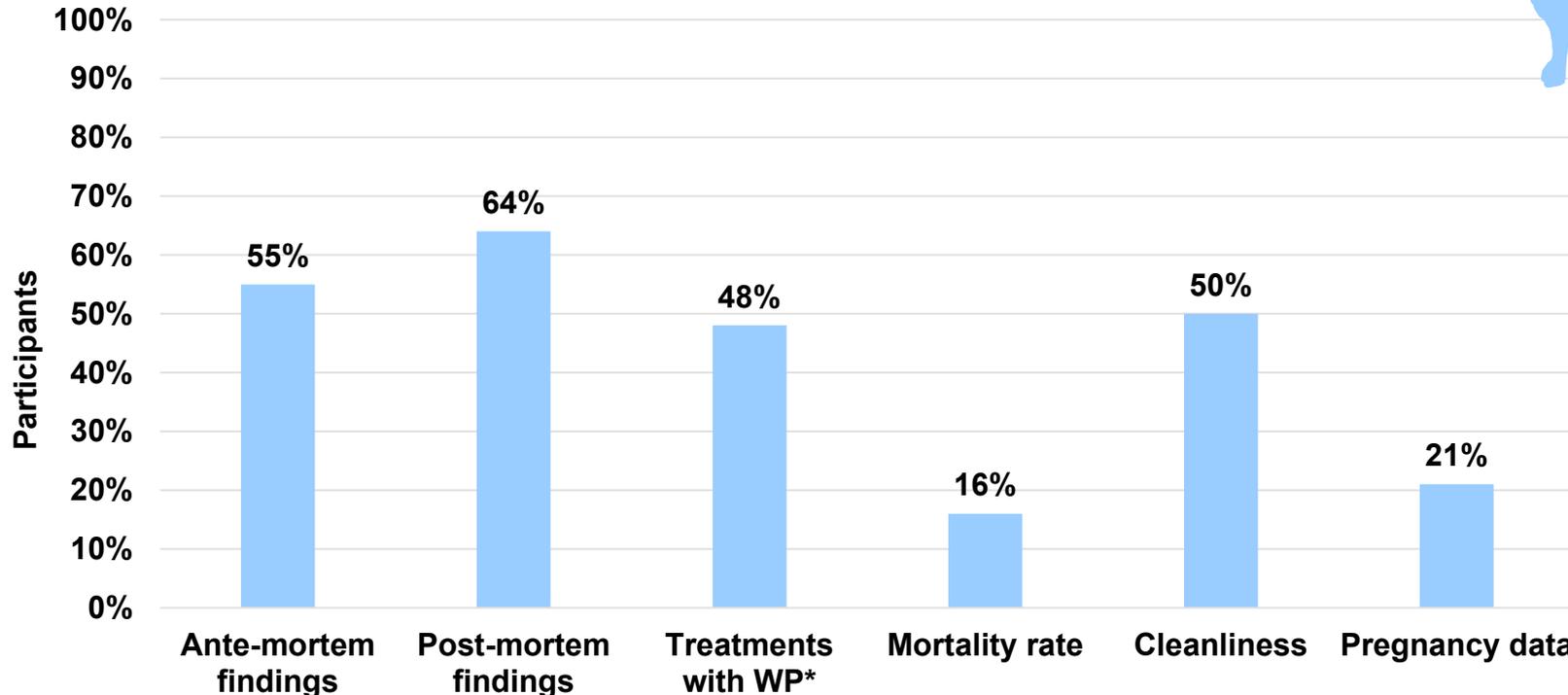
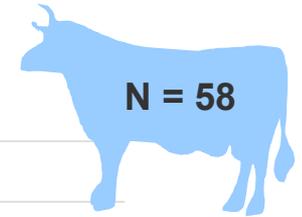
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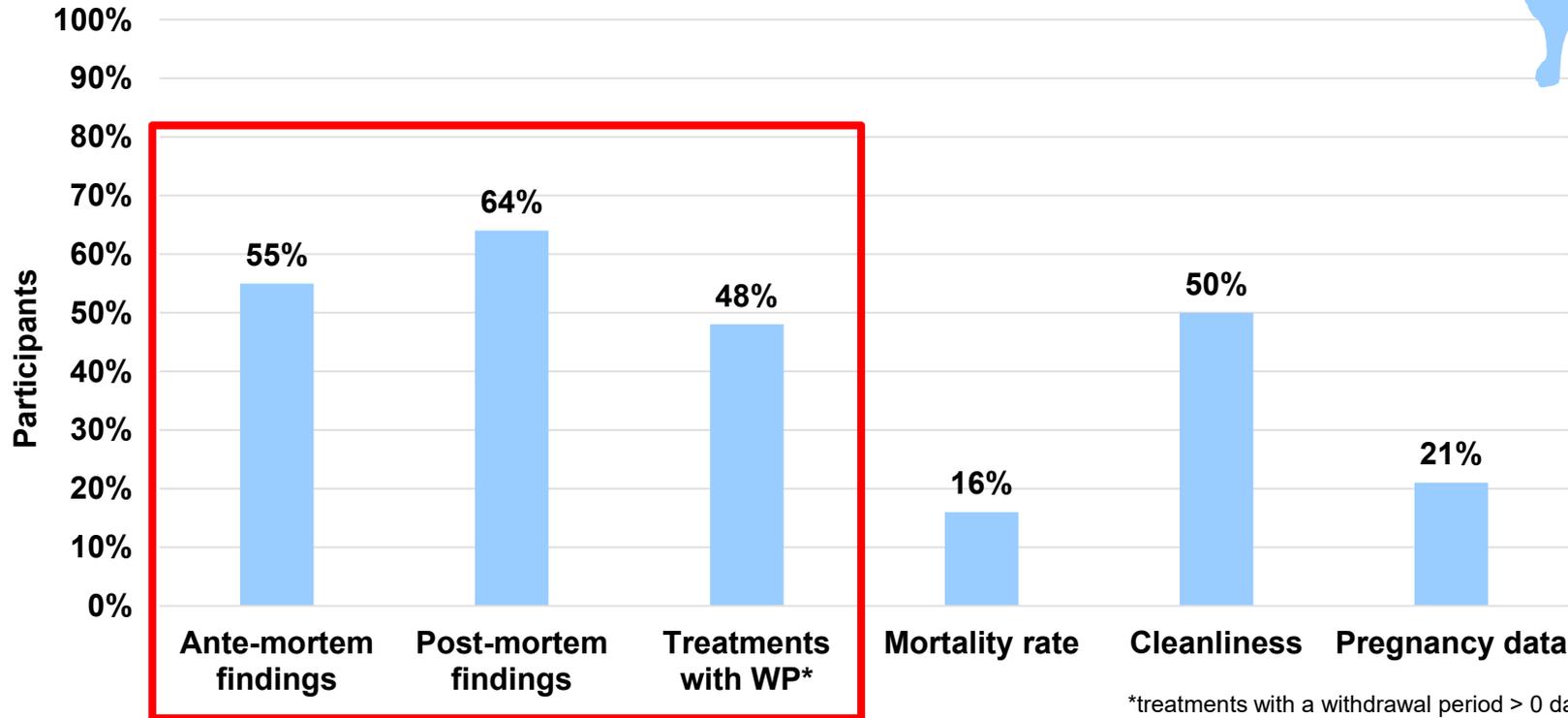
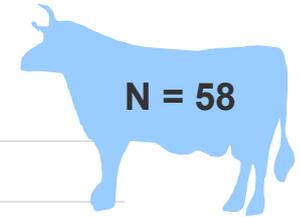
Which information do you receive? (extract)



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

Results of the survey

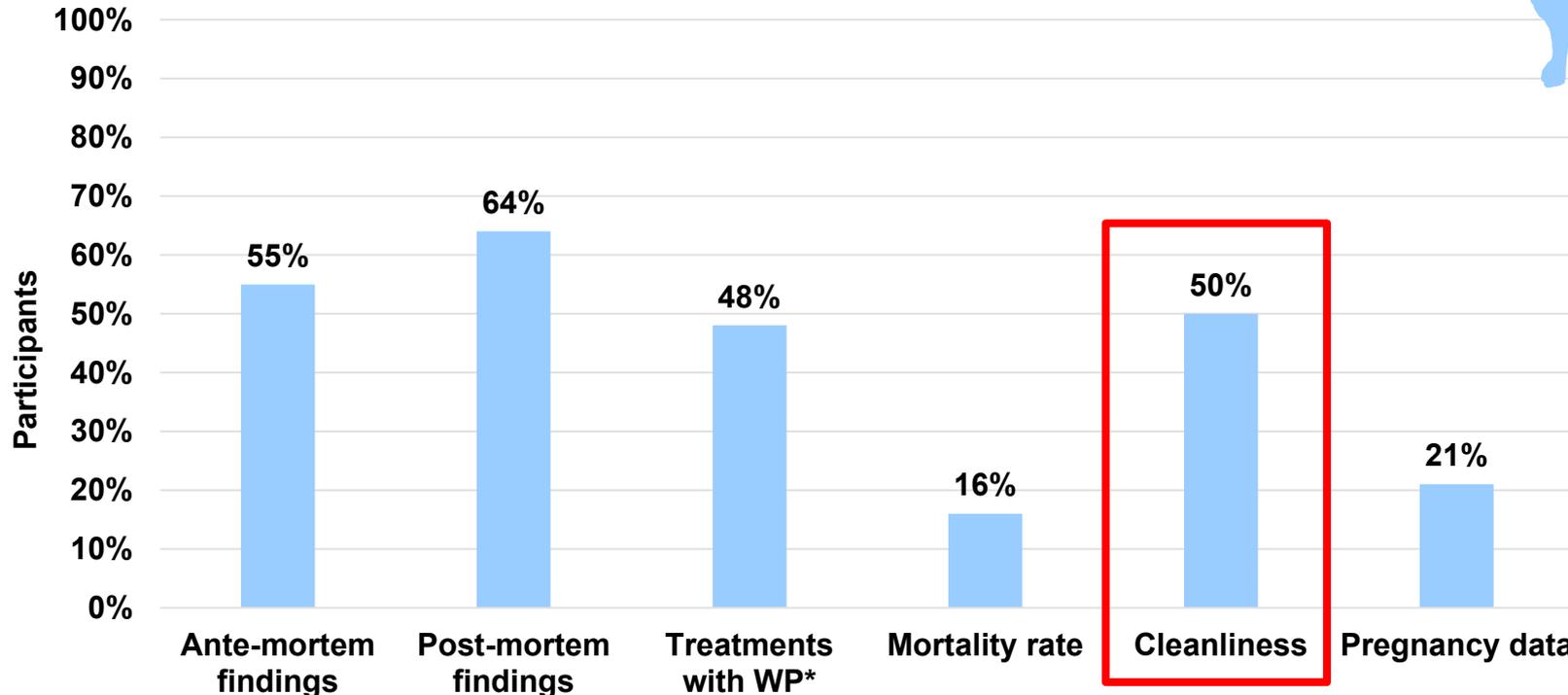
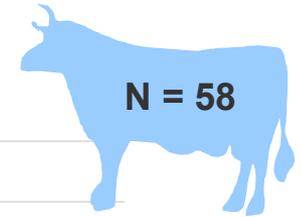
Which information do you receive? (extract)



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Results of the survey

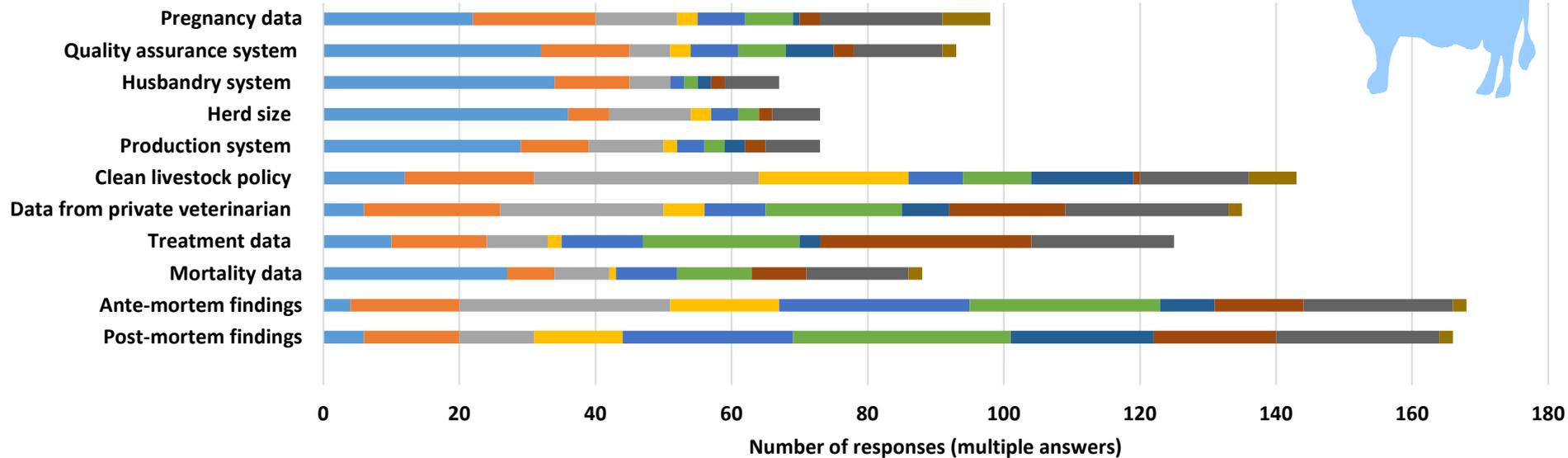
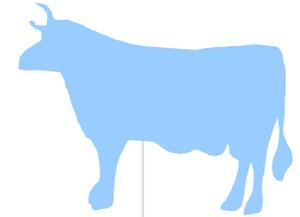
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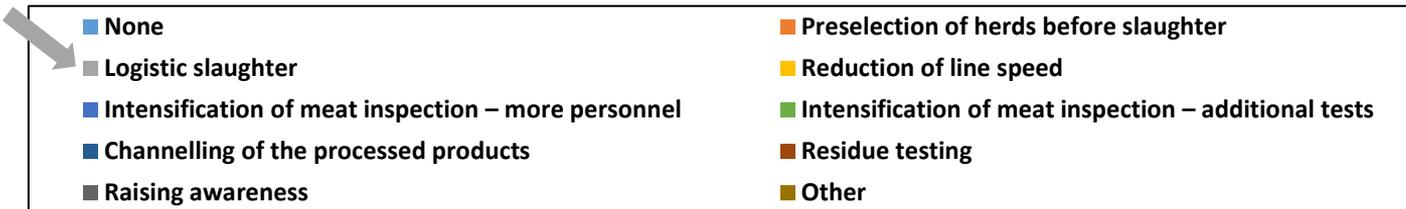
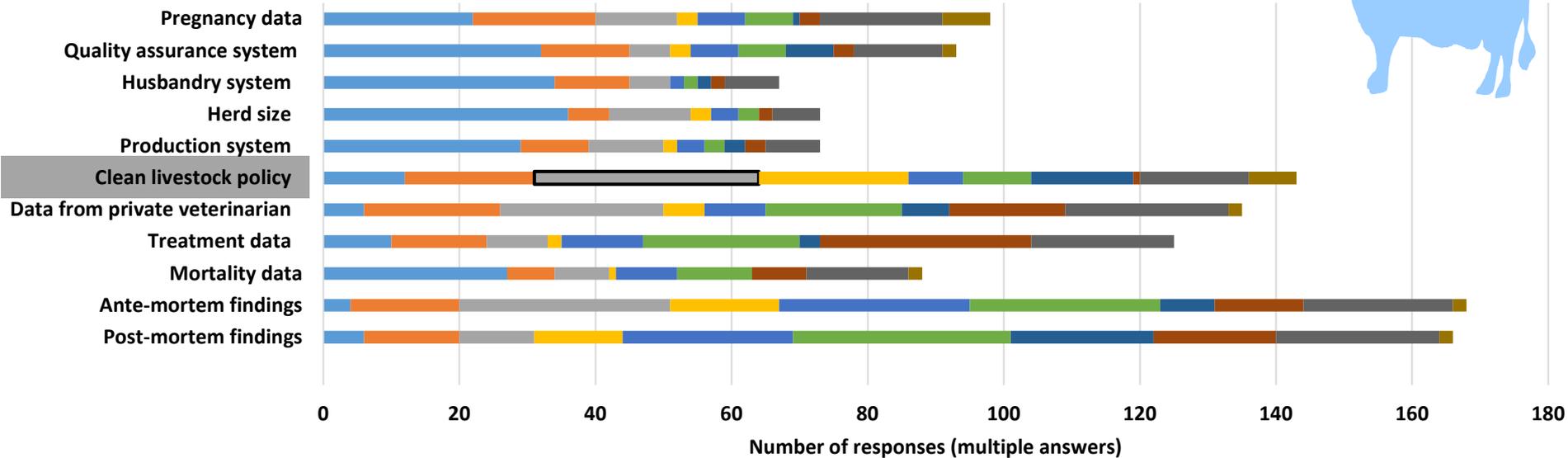
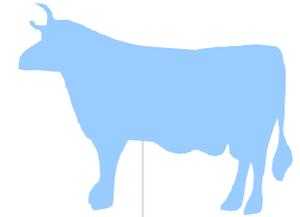
Results of the survey

Consequences



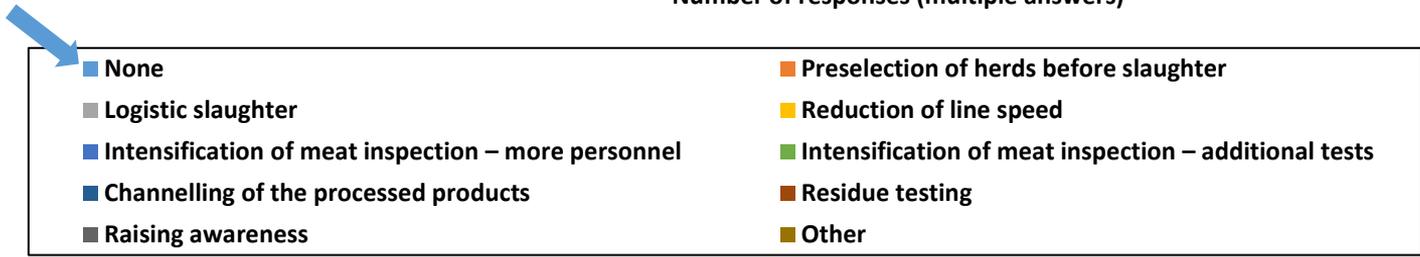
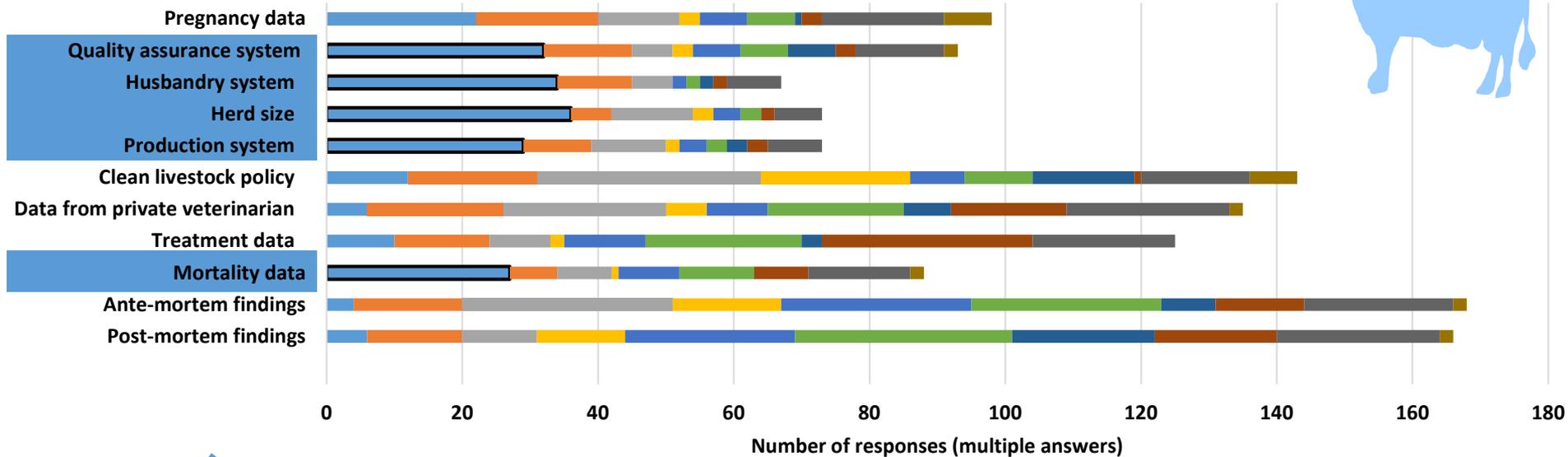
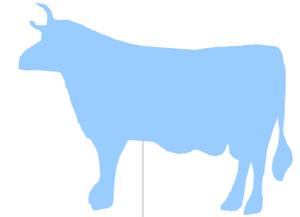
Results of the survey

Consequences



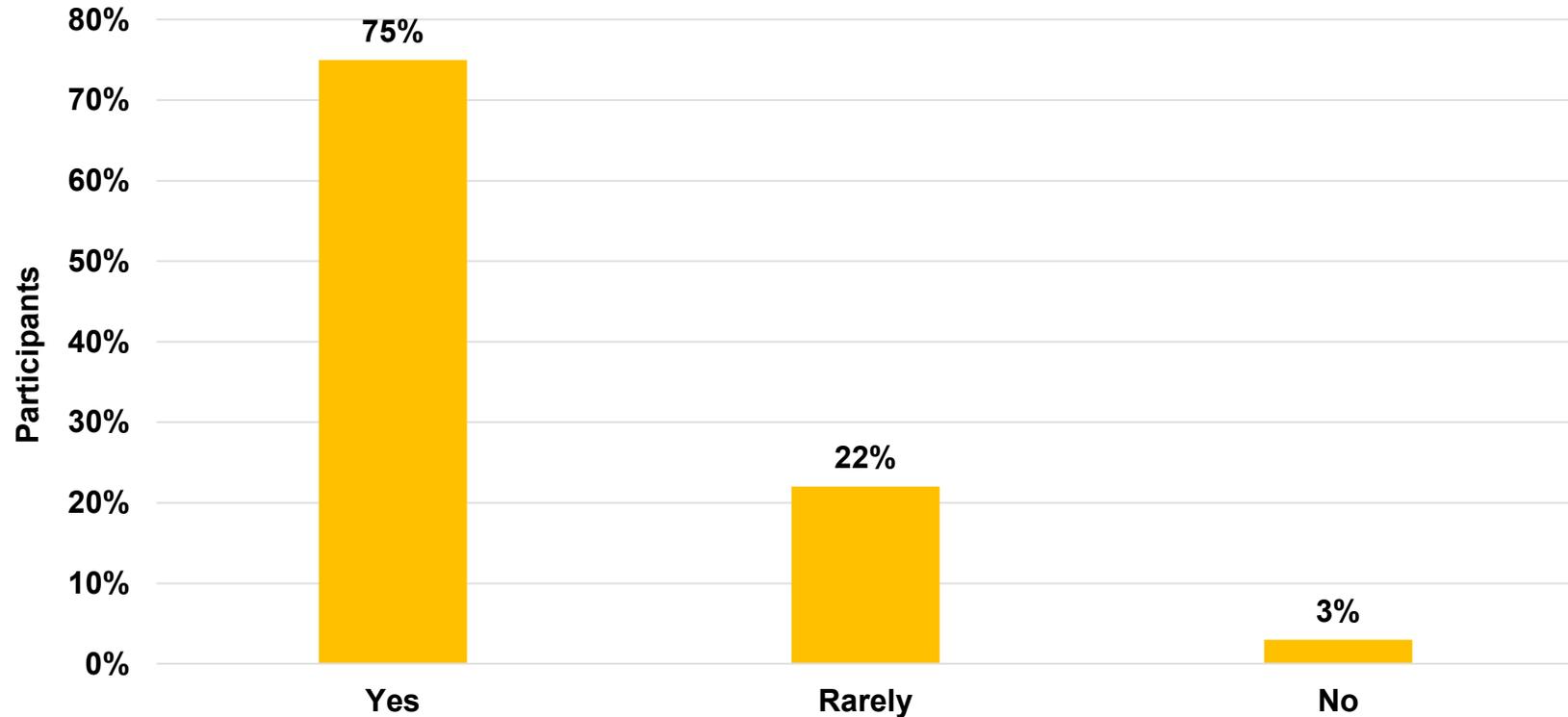
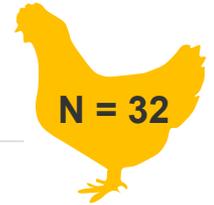
Results of the survey

Consequences



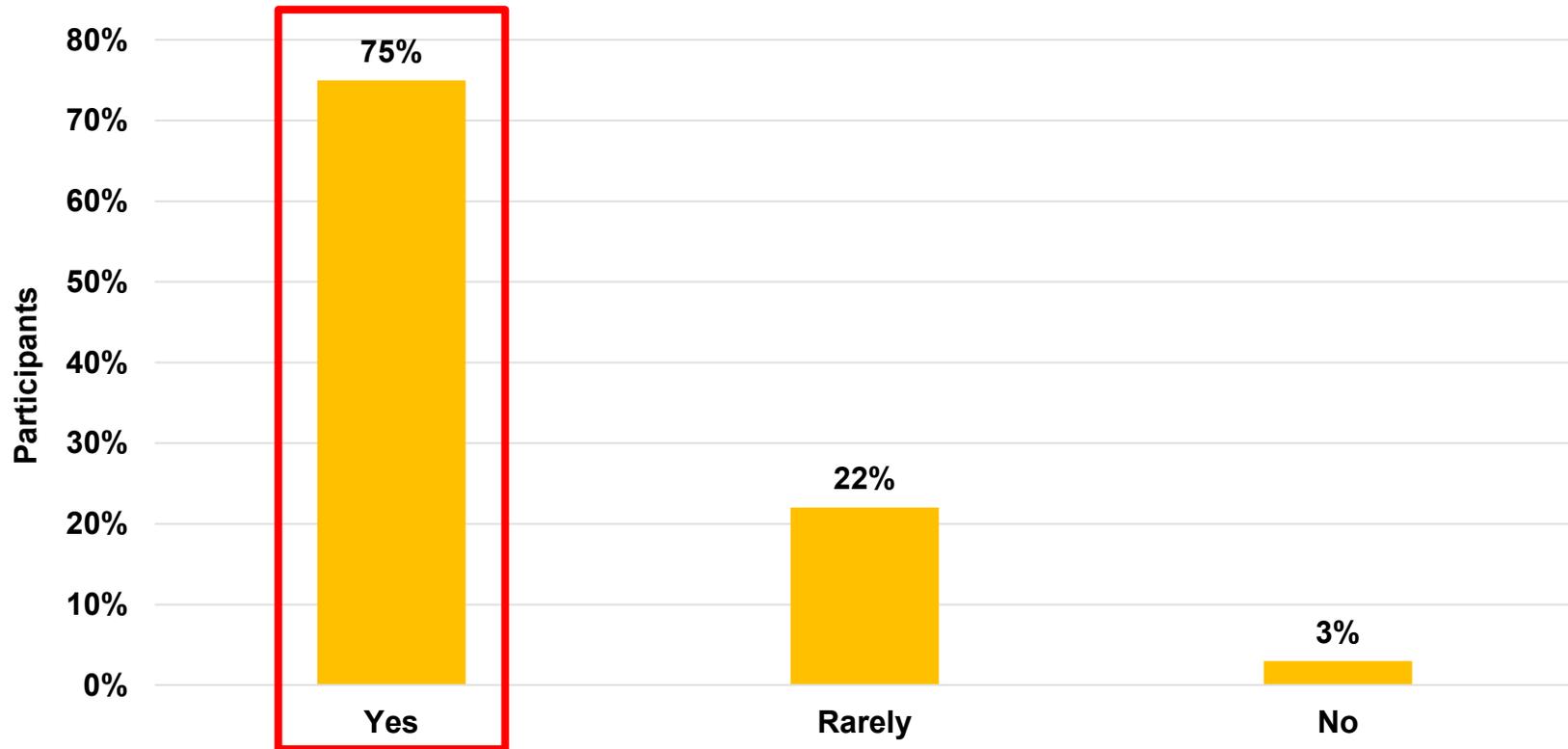
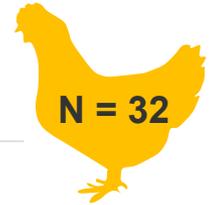
Results of the survey

Does FCI help you in decision-making?



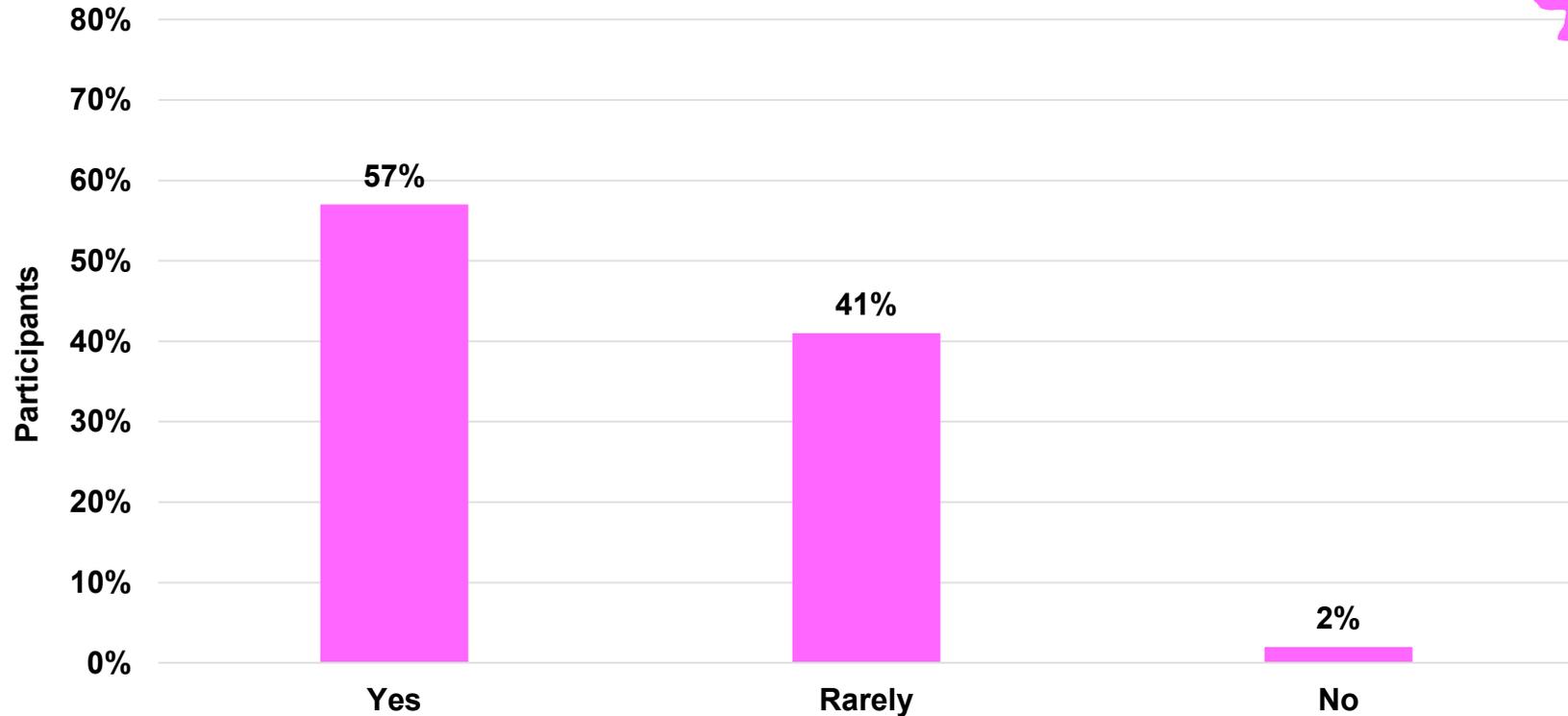
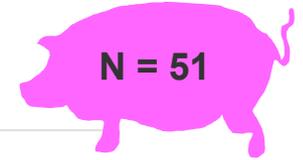
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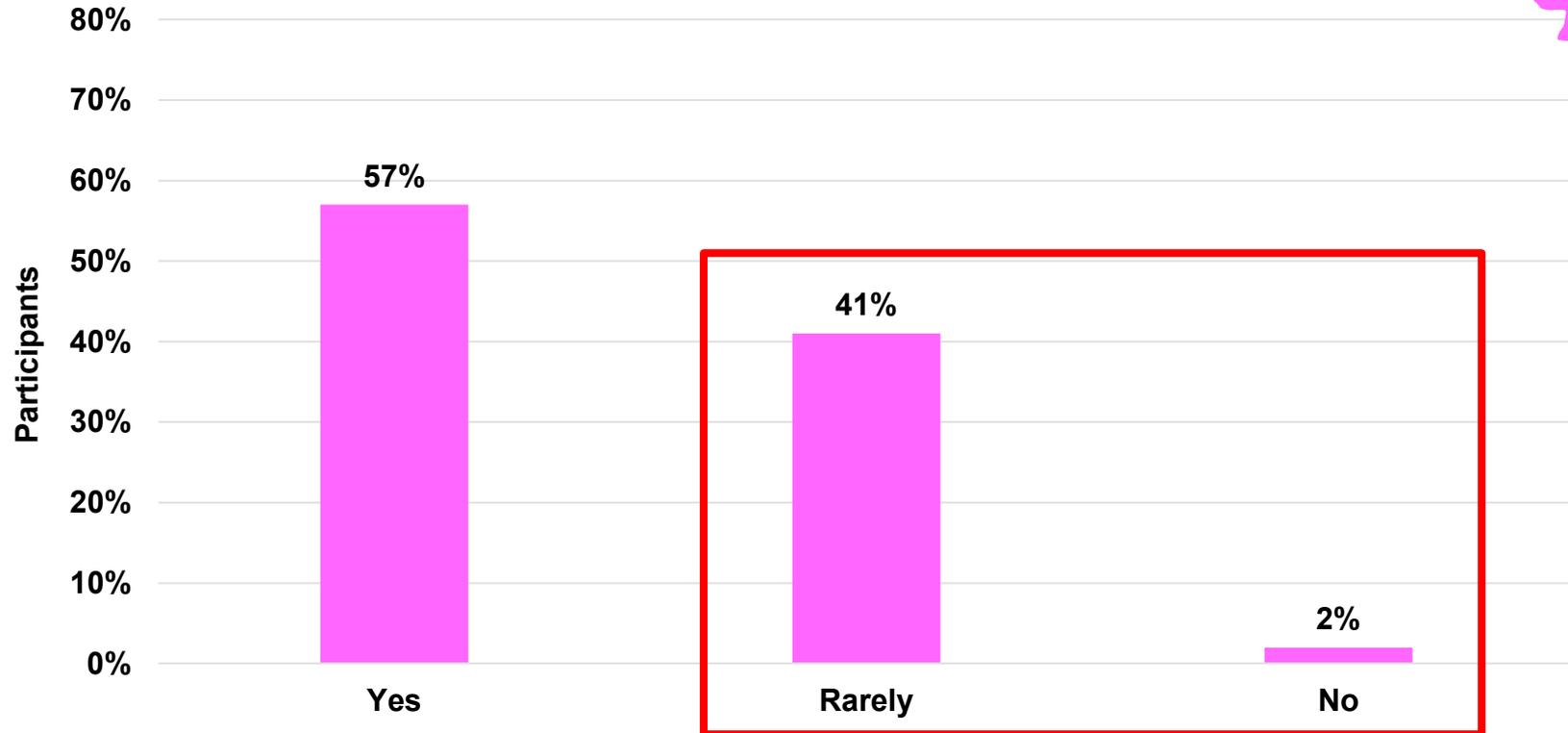
Results of the survey

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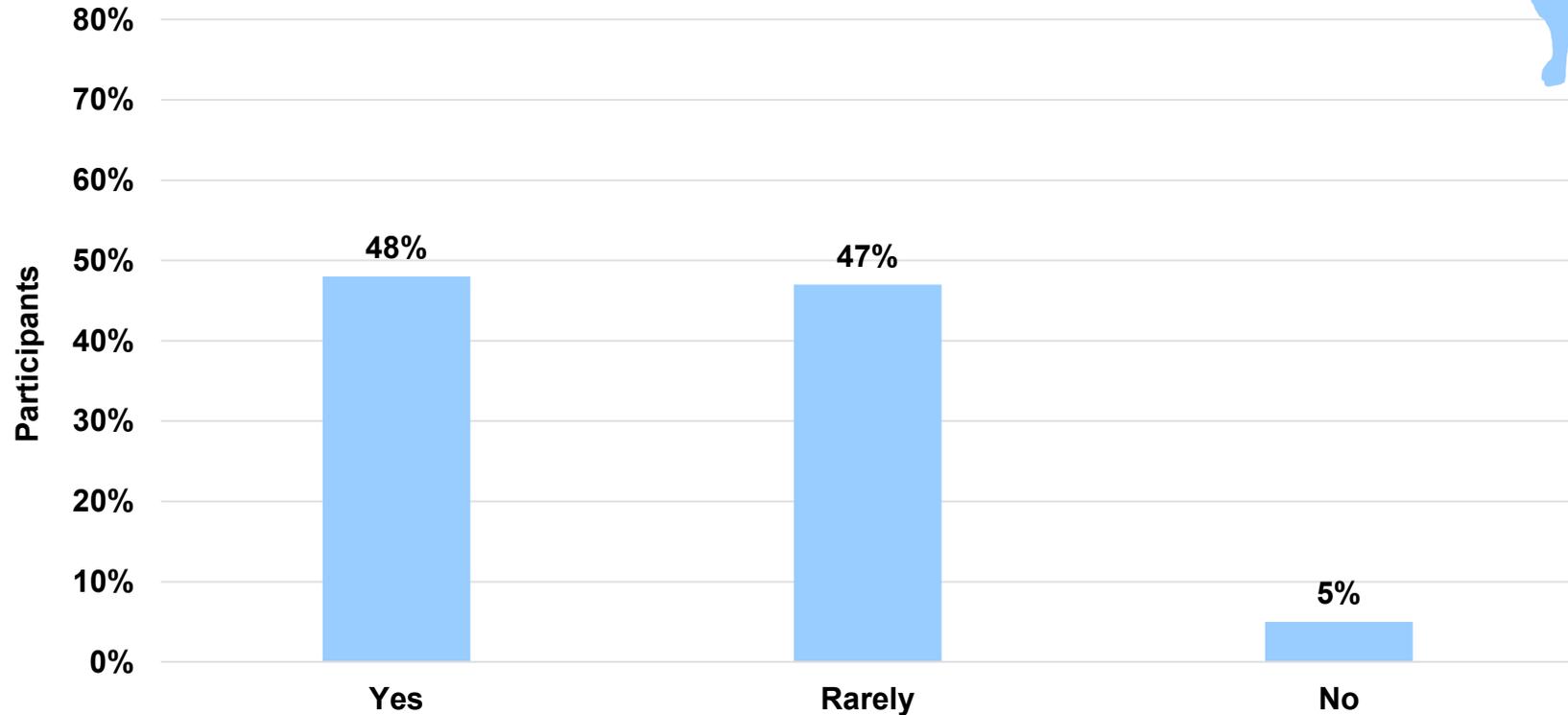
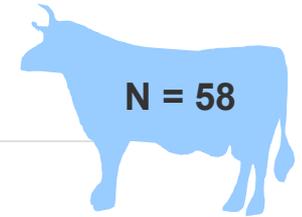
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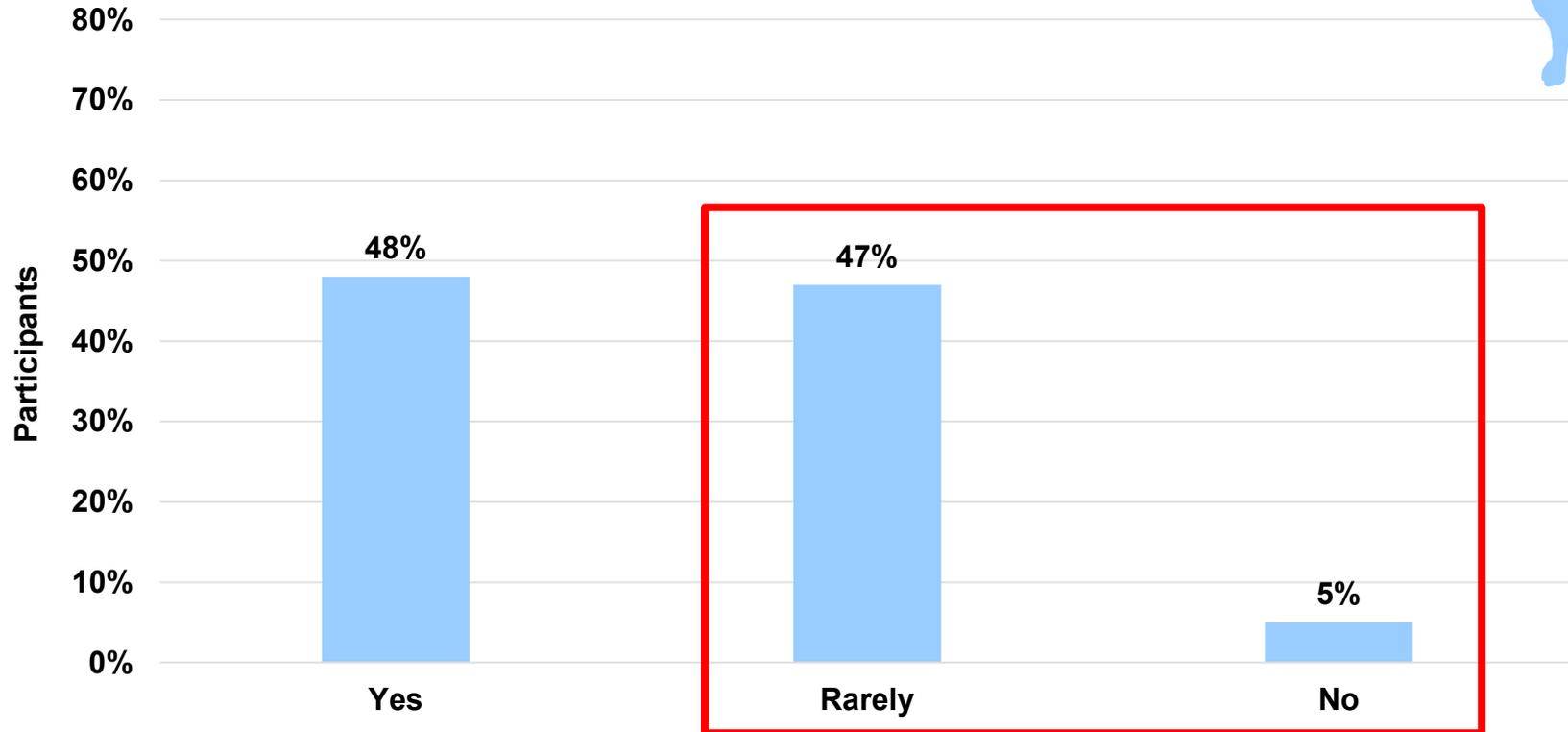
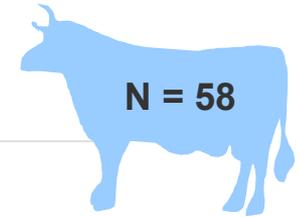
Results of the survey

Does FCI help you in decision-making?



Results of the survey

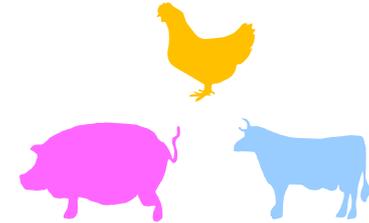
Does FCI help you in decision-making?



Which information would be helpful?

Species-overlapping agreements

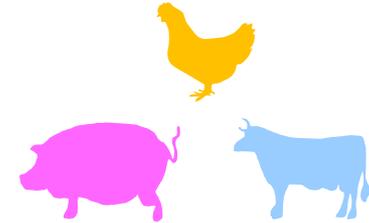
- Mortality rate
- Treatment data
- Clean livestock policy
- Data from the private veterinarian



Which information would be helpful?

Species-overlapping agreements

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



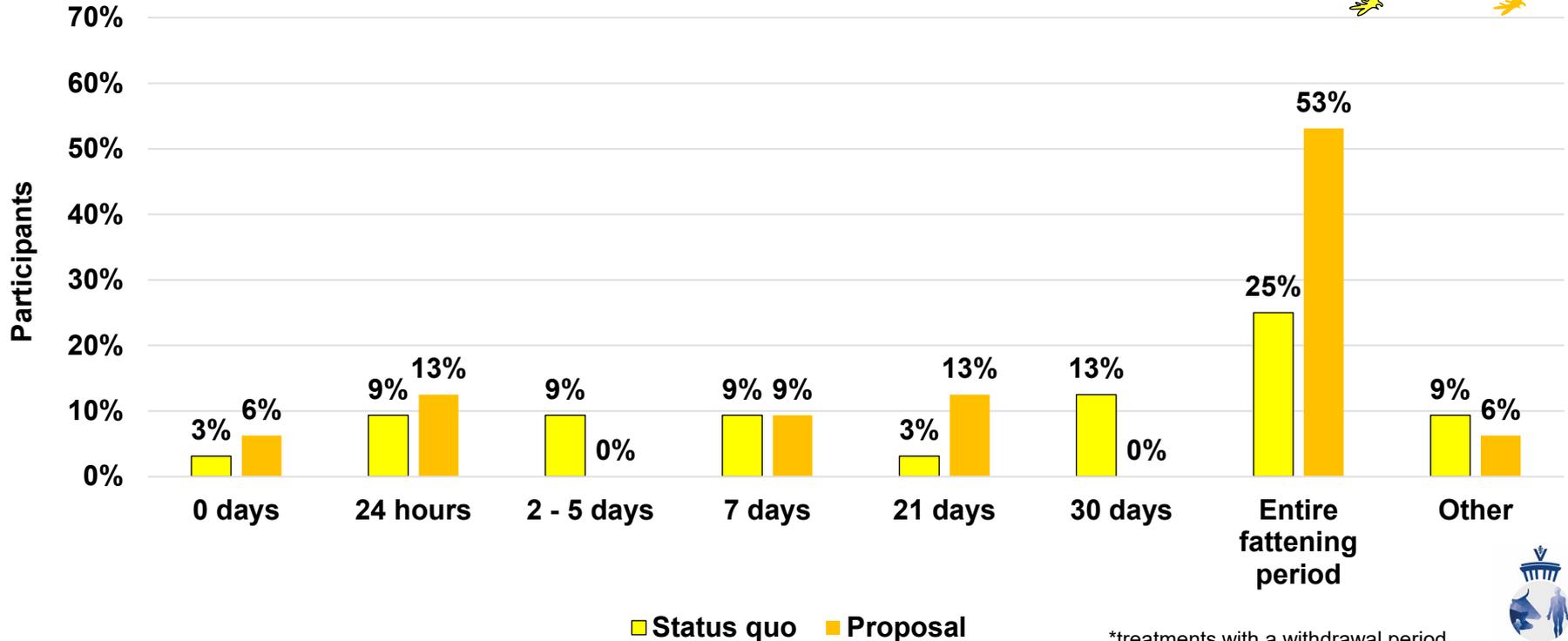
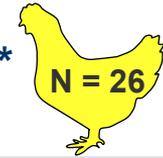
Species-specific agreements

- Pregnancy data
- Multi-serological results



Results of the survey

Relevant time before slaughter for documentation of treatments with WP*

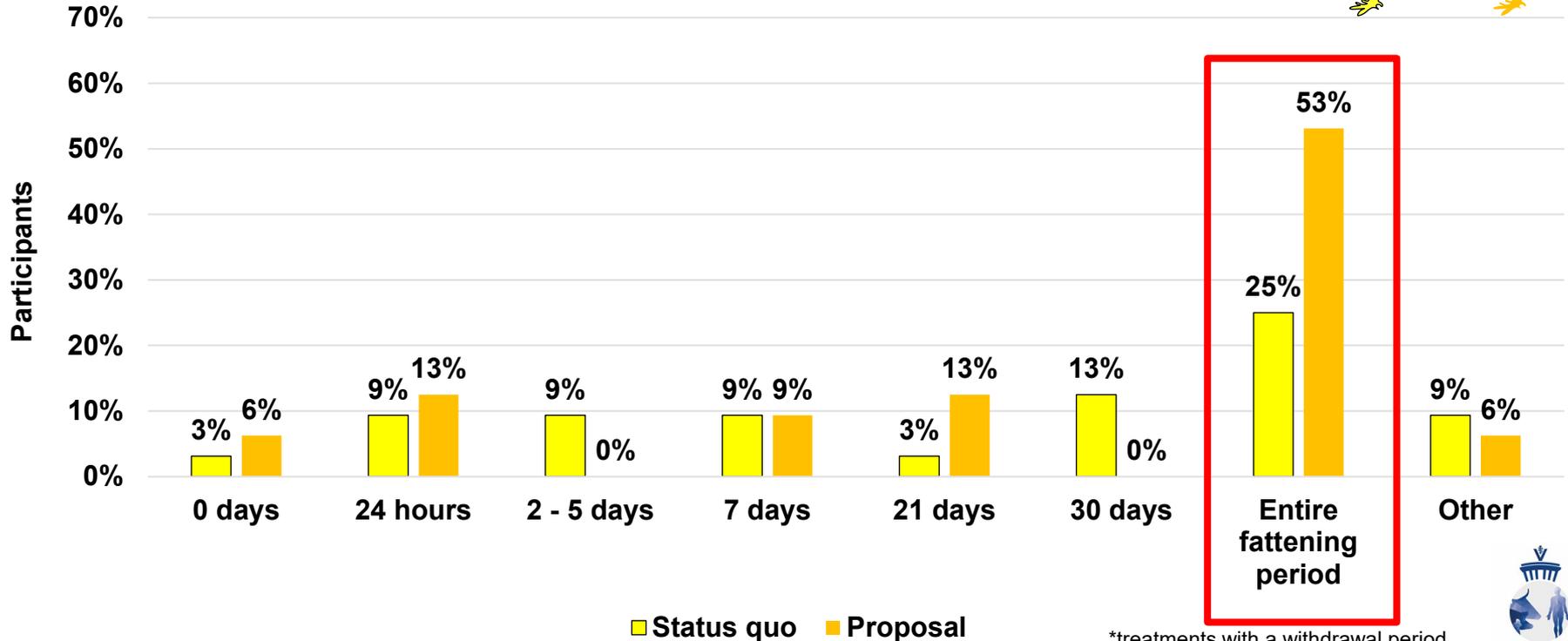
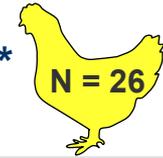


*treatments with a withdrawal period > 0 days during the fattening period



Results of the survey

Relevant time before slaughter for documentation of treatments with WP*

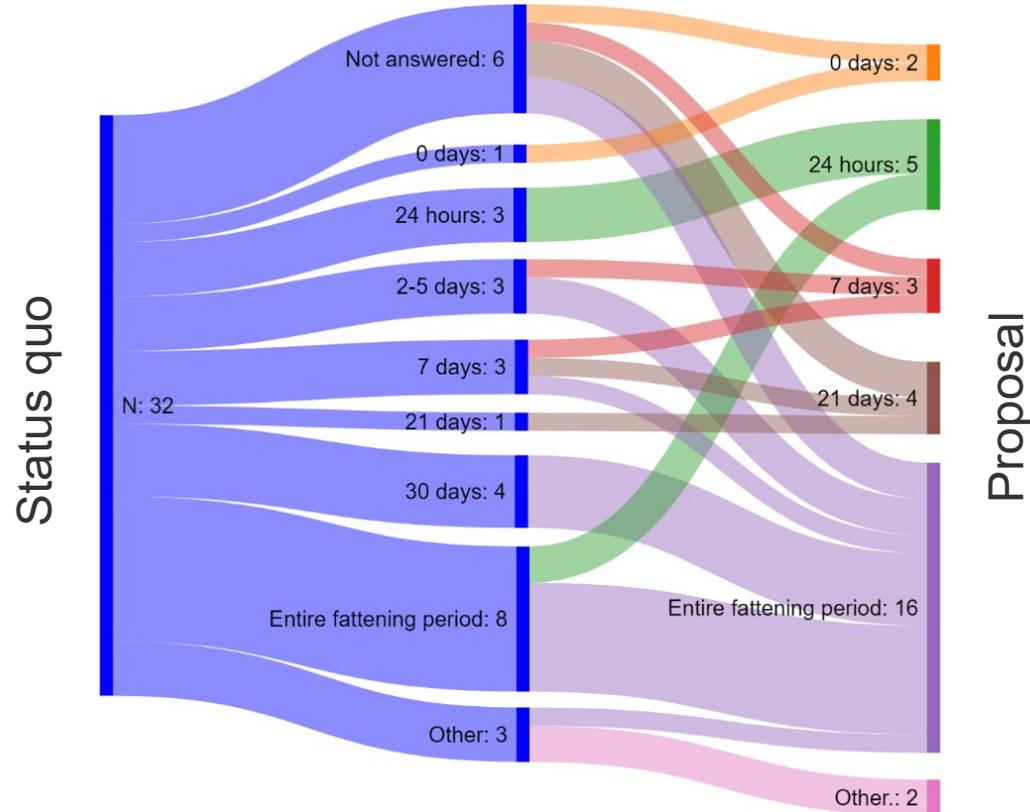
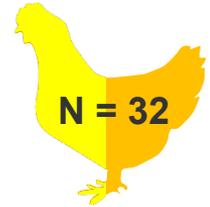


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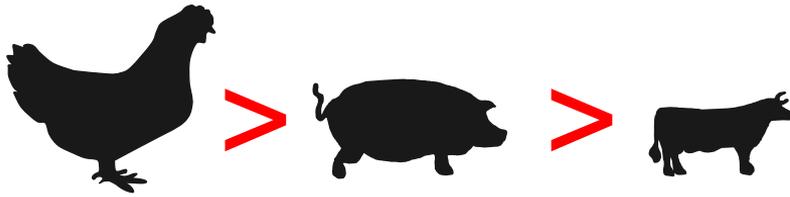
Results of the survey

Relevant time before slaughter for documentation of treatments with WP*



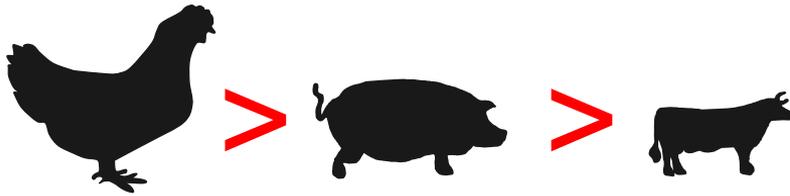
Conclusions

a) Amount of information available

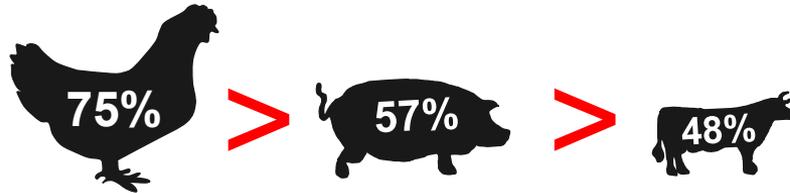


Conclusions

a) Amount of information available

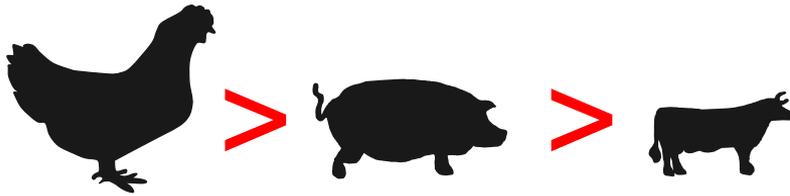


b) Helpfulness of FCI for decision-making

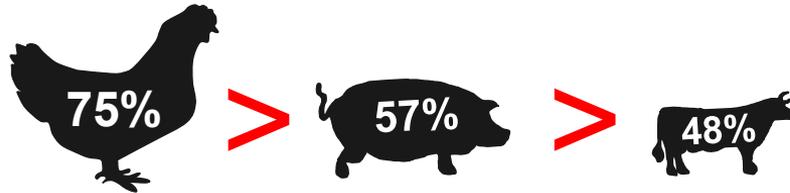


Conclusions

a) Amount of information available



b) Helpfulness of FCI for decision-making

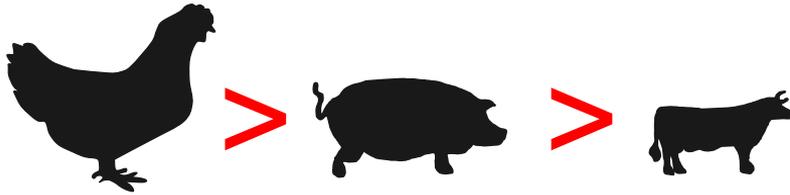


c) Information with no consequences:

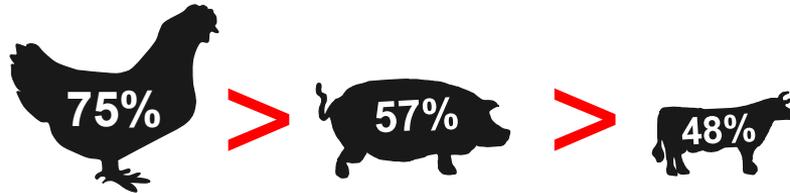
Herd size, production system, husbandry system, and quality assurance system

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

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www.ribmins.com
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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?

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