

# PROCESS HYGIENE CRITERIA

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# BACKGROUND

- Baseline study on *Campylobacter* in broiler batches and carcasses
- EFSA scientific opinions
  - on human campylobacteriosis, control options and meat inspection\*
- EU Commission cost-benefit analyses
  - Process hygiene criterion of *Campylobacter* on broiler carcasses

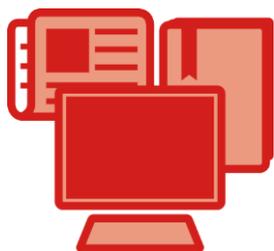
\*EFSA Journal 2010; 8(3):1503; EFSA Journal 2010; 8(1):1437  
EFSA Journal 2011; 9(4):2105; EFSA Journal 2012; 10(6):2741

# MICROBIOLOGICAL CRITERIA

- Regulations 2073/2003 and 2017/1495
- Broiler carcasses after chilling
- Sampling frequency may be reduced
  - Competent authorities
- Analyses according to ISO 10272-2

# QUESTIONNAIRE

- An electronic questionnaire on PHC
- Sent to the NRLs on July 11th, 2019



# QUESTIONNAIRE - RESPONSES

- Response from 19/36 countries
- PHC of Campylobacter implemented in 17 of 19 countries
- PHC all year round in 15 of 17
- Who responsible for sampling?
  - FBO 12
  - Competent authorities 4
  - No reply 1

# RESPONSES - ANALYSES

- Where are the laboratory analyses done?
  - NRL: 4 countries
  - other laboratories: 13 countries
- Which method?
  - ISO 10272: 14 countries
  - Other, no response: 3 countries
- Are the results of the testing collected?
  - Yes: 8 countries
  - No: 3 countries
  - Do not know: 6 countries



# RESPONSES - COMMENTS

- Results of the testing not published
- No information on measures taken
- One country confirms all presumptive *Campylobacter* isolates

# IN CONCLUSION

- PHC implemented in almost all countries responding
- ISO method most commonly used
- Analyses mainly performed at other laboratories than NRL
- Results not available or results varied from low to high counts
- Measures taken?

# QUESTIONS?

- Performance of the laboratories testing?
- How to take measurement uncertainty into account?
  - Decision rule ISO 17025:2017
- Differences between sampling performed by Competent authorities vs Food business operators?
- What kind of measures are taken?
- Impact on incidence in humans?