



Nederlandse Voedsel- en
Warenautoriteit
*Ministerie van Landbouw,
Natuur en Voedselkwaliteit*

Inspections and Samples: risk-based versus random

EFSA Advisory Forum meeting
March 15&16, 2023

Presenter: Joost Meekes (NVWA – Netherlands)



Risk-based sampling

Advantages

- › Focus inspections on high-risk units
- › Efficient (higher infringement/inspection ratio)
- › Decreased inspection burden for low-risk units

Disadvantages

- › Not suitable for monitoring compliance rate
- › Risk of blind spots (emerging risks)
- › Yields biased data, unsuitable for risk models

Solution

Combination of risk-based and random sampling

Question

Optimal mix?

Answer

It depends!



Timeline 2023

Deliverable No. - Activity	Days ¹	1	2	3	4	5	6	7	8	9	10	11	12
Inventory current practice	50					1							
Literature review	20								2				
Symposium	20							3					
Concept development	50												
Final report	20												4

- We intend to continue this project into 2024
- Resulting methods will be made available
- [Other MS are welcome to join the project](#), please contact
 - Joost Meekes (NVWA - The Netherlands), or
 - Ian Kopacka (AGES – Austria)