



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Collection of data by species - state of play

ESVAC stakeholders meeting, 3 March 2015

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European Medicines Agency / Veterinary Medicines Division



An agency of the European Union





Outline

- EC request to EMA
- Test of system (2014)
 - Protocol and templates
 - Data collection
 - Results
 - Results feasibility survey
- Pilot in pigs (2015)
 - System
 - Timeline
- To be published on ESVAC website



EC request to EMA

To develop harmonised approach for collection and reporting of data on use of antimicrobial agents based on national sales figures, as well as estimates on consumption in at least the major groups of animal species.

Intended use of surveillance data:

- To aid interpretation of patterns and trends regarding antimicrobial resistance (AMR);
- As input to risk profiling and risk assessment regarding AMR;
- For setting risk management priorities;
- For evaluation of the effectiveness of control measures being implemented;
- To identify emerging use of veterinary antimicrobial agents, e.g. of specific classes of antimicrobial agents such as those identified by WHO as critically important for human medicine;
- To aid comparison of usage of veterinary antimicrobial agents between human and veterinary medicine, time periods and countries;
- As a basis for focused and targeted research and development.



Test of system: protocol and templates

- Protocol and templates developed by ESVAC team (2014)
 - In collaboration with ad hoc working group
- Training/workshop May 2014 to test protocol/templates
 - Followed by revision of template and protocol
- Feasibility survey



Test of system: data collection

- Call for data: June 2014
- 10 volunteer countries provided data
 - BE, CZ, DE, ES, FI, FR, IT, NL, SK, UK
 - Aim: 5 farrow-to-finish farms/country
 - Data on all antimicrobial treatments
 - Data on number of animals per farm (present/produced)



Test of system: results

- Discussed in workshop sharing experiences (February 2015)
- Areas identified where clarification needed in protocol/template
- Template and protocol fit for purpose
- Key variables available for majority of countries



Test of system: results feasibility survey

- Time needed per farm varies
 - Median hours per farm in test: 4
 - Decreases when gaining experience
- Time needed for template to be sent to ESVAC varies
 - Median hours per MS in test: 8
 - Possibility of providing aggregated data is under discussion



Pilot in pigs: system

- ~ 7 countries (starting) with non-governmental data collection systems
 - More information and discussion needed
 - Transparency?
 - How to ensure that data are harmonized across systems/countries?



To be published on ESVAC website

- Workshop experiences test of system
 - Agenda, list of participants, summary
- Template and protocol pilot
- Report on (aims of) test of system
- Report on pilot in pigs – aggregated data across countries



Thank you for your attention!