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OIE initiative establishing a global database on consumption of antimicrobials for animals: state of play

European Surveillance of Veterinary Antimicrobial Consumption stakeholders meeting, London, UK, 3 March 2015

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Background



**OIE Global Conference on the Responsible
and Prudent Use of Antimicrobial Agents for Animals**
International Solidarity to Fight against Antimicrobial Resistance

Paris (France) 13 – 15 March 2013

To the OIE Member Countries

3. To develop and set up an official harmonised national system for collecting data on the monitoring of antimicrobial resistance in relevant animal pathogens and quantities of antimicrobial agents used in food producing animals at the national level based on the OIE standards.

To the OIE

7. To collect harmonised quantitative data on the use of antimicrobial agents in animals with the view to establish a global database.

Background

- An OIE *ad hoc* Group was convened to:
 - ✓ establish an overall approach to collect and report standardised quantitative data on antimicrobial agents used in animals supporting implementation of Chapter 6.8 of the *Terrestrial Animal Health Code* and 6.4 of the *Aquatic Animal Health Code*.
 - ✓ address recommendation no 7 of the OIE Global Conference on the Responsible and Prudent Use of Antimicrobial Agents for Animals

OIE global database on the use of antimicrobial agents in animals

- First meeting was held in January 2014, the second meeting in July 2014, and a third meeting was held in December 2014
- International experts + Representatives from FAO and WHO + Representative from ESVAC

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Outcomes of the two first meetings:

- Development of the template and instructions for the OIE Member Countries to report to the OIE data on the use of antimicrobial agents in animals

Outcome of the third meeting:

- Finalisation of the template and instructions taking into consideration the feedback from the OIE National Focal Points for Veterinary Products collected during the third cycle of the regional training seminars

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OIE data collection template:

- 4 pages labelled Baseline information / Reporting option 1 / Reporting option 2 / Reporting option 3
- All OIE Member Countries should complete the Baseline information
- Depending of the level of details available in the reporting country, either page labelled « Reporting option » 1, 2 or 3 should be completed

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OIE data collection template – How to choose the suitable option:

REPORTING OPTIONS	
1	Overall amount sold for/used in animals by antimicrobial class ; with the possibility to separate by type of use
2	Overall amount sold for/used in animals by antimicrobial class; with the possibility to separate by type of use and species group
3	Overall amount sold for/used in animals by antimicrobial class; with the possibility to separate by type of use , species group and route of administration

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OIE data collection template – Reporting option 1:

OIE template for the collection of data on antimicrobial agents for use in animals			
Reporting option 1 - Overall amount sold for/used in animals by antimicrobial class; with the possibility to separate by type of use			
	Overall amount (Growth promotion + Therapeutic use)	Amount for Therapeutic use (including prevention of clinical signs)	Amount for Growth promotion
Antimicrobial class	All animal species (kg)	All animal species (kg)	All animal species (kg)
Aminoglycosides			
Amphenicols			
Arsenicals			
Cephalosporins (all generations)			
1-2 gen. cephalosporins			
3-4 gen cephalosporins			
Fluoroquinolones			
Glycopeptides			
Glycophospholipids			
Lincosamides			
Macrolides			
Nitrofurans			
Orthosomycins			
Other quinolones			
Penicillins			
Pleuromutilins			
Polypeptides			
Quinoxalines			
Streptogramins			
Sulfonamides (including trimethoprim)			
Tetracyclines			
Others			
Aggregated class data			
Total kg			

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OIE data collection template – Reporting option 2:

OIE template for the collection of data on antimicrobial sales for use in animals

Reporting option 2 - Overall amount sold for/used in animals by antimicrobial class; with the possibility to separate by type of use and species group

Antimicrobial class	Overall amount (Growth promotion + Therapeutic use)	Amount for Therapeutic use (including prevention of clinical signs)				Amount for Growth promotion
	All animal species (kg)	All animal species (kg)	All food producing animals (terrestrial and aquatic) (kg)	Terrestrial food producing animals (kg)	Aquatic food producing animals (kg)	All food producing animals (terrestrial and aquatic) (kg)
Aminoglycosides						
Amphenicols						
Arsenicals						
Cephalosporins (all generations)						
1-2 gen. cephalosporins						
3-4 gen cephalosporins						
Fluoroquinolones						
Glycopeptides						
Glycophospholipids						
Lincosamides						
Macrolides						
Nitrofurans						
Orthosomycins						
Other quinolones						
Penicillins						
Pleuromutins						
Polypeptides						
Quinoxalines						
Streptogramins						
Sulfonamides (including trimethoprim)						
Tetracyclines						
Others						
Aggregated class data						
Total kg						
If 'Aggregated class data' are reported, please list here the classes combined	<free text field>	List all classes for which the amounts were combined, using whenever possible the 'Antimicrobial class' terms or the terminology of the OIE list of antimicrobial agents of veterinary importance. Substances included in the data aggregation that are not part of the recommended terminology should also be listed. If one class was reported that needs to remain confidential, please enter 'Confidential'.				
If 'Others' are reported under 'Antimicrobial class', list here the classes reported	<free text field>	Describe the class or classes reported as 'Others', using whenever possible the terminology of the OIE list of antimicrobial agents of veterinary importance.				

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OIE data collection template – Reporting option 3:

[illegible]

OIE global database on the use of antimicrobial agents in animals – Next steps

- Finalisation and validation of the template and instructions with a small group of selected countries – **by May 2015**
- Template and instructions sent to all the OIE Member Countries – **by June 2015**
- Collection of the data – **from July to November 2015**
- The Group on Antimicrobial resistance will meet in June (to further develop denominator and reporting formats) and in December 2015 (to provide first analysis of the data sent to the OIE)

Thank you for your attention



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