



Organisation
Mondiale
de la Santé
Animale

World
Organisation
for Animal
Health

Organización
Mundial
de Sanidad
Animal

OIE initiative to collect quantitative data on the use of antimicrobial agents in animals to establish a global database

European Surveillance of Veterinary Antimicrobial Consumption stakeholders meeting, London, UK, 5 February 2014

Dr François Diaz
OIE Scientific and Technical Department



Introduction

- Data on the use of antimicrobial agents and on the antimicrobial resistance in the country are essential for any national policy to fight antimicrobial resistance;
- OIE has developed and updates regularly standards on the use of antimicrobial agents and for the containment of antimicrobial resistance.

Introduction

- With regards to the surveillance of the use of antimicrobial agents in a country, there are:
 - the OIE *Terrestrial Animal Health Code* Chapter 6.8.: Monitoring of the quantities and usage patterns of antimicrobial agents used in food producing animals

<http://www.oie.int/en/international-standard-setting/terrestrial-code/access-online/>

- the OIE *Aquatic Animal Health Code* Chapter 6.4.: Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals

<http://www.oie.int/en/international-standard-setting/aquatic-code/access-online/>

Situation worldwide – OIE Survey

- OIE developed a questionnaire in 2012 on monitoring the quantities of antimicrobial agents used in animals
- Questionnaire sent to all the OIE Delegates and copied to the OIE National Focal Points for Veterinary Products in June 2012 (final deadline September 2012)
- Results presented at the OIE Global Conference on the Responsible and Prudent Use of Antimicrobial Agents for Animals held in March 2013 in Paris, France

OIE Survey - Objectives

- to enhance the OIE's engagement in the initiative to prevent antimicrobial resistance;
- to conduct a survey of the implementation by OIE Member Countries of OIE *Terrestrial Animal Health Code* Chapter 6.8. "Monitoring of the quantities and usage patterns of antimicrobial agents used in food producing animals";
- to improve awareness and provide an overview of antimicrobial use in animals by OIE Member Countries;
- to determine what actions are needed and to help the OIE to develop its strategy in this field.

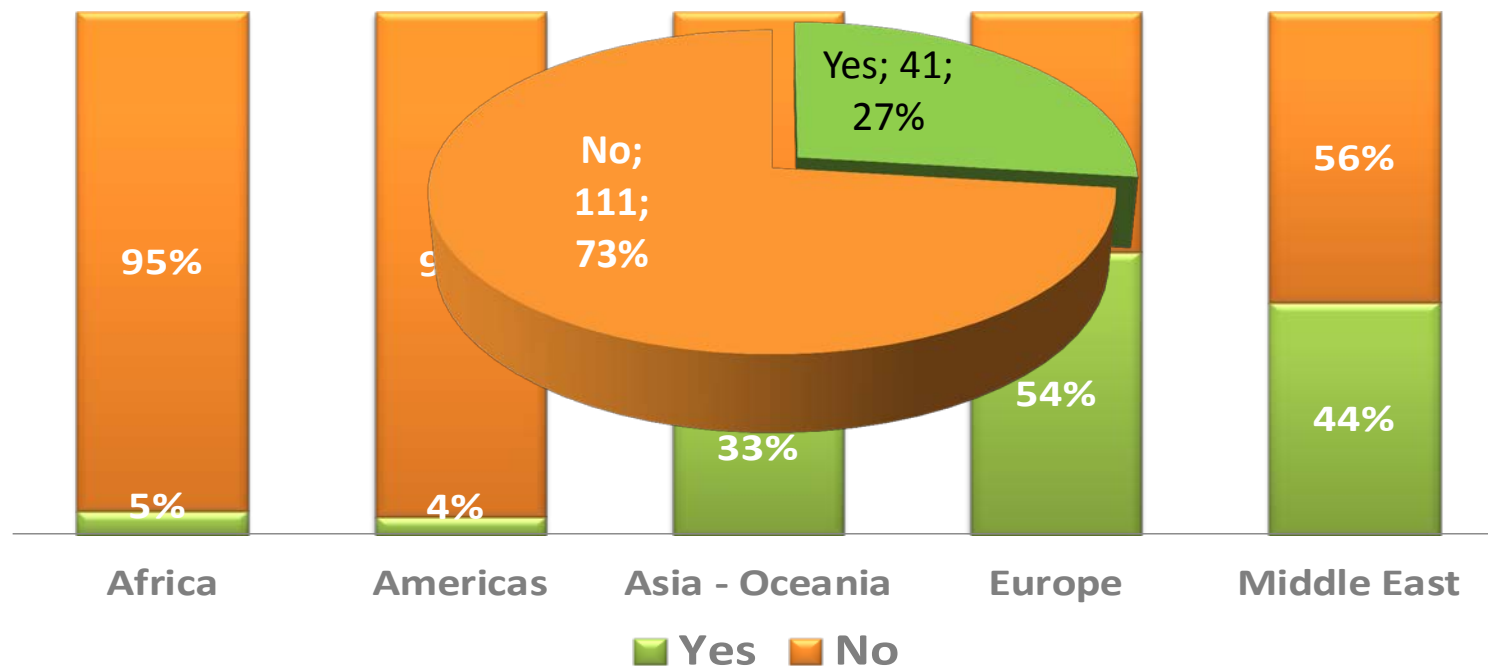
Questionnaire divided into two parts:

1. **General context** (three main questions - legislation covering Veterinary Medicinal Products (VMP) - ban on the use of growth promoters - a system for collecting quantitative data on antimicrobial agents used in animals)
2. **Implementation of the OIE standard** (Chapter 6.8. of the *Terrestrial Code*) – 2 sub-parts:
 - One part for those countries that do not have an official system for collecting quantitative data on antimicrobial agents used in animals (seven main questions);
 - One part for those countries that have an official system for collecting quantitative data on antimicrobial agents used in animals (nine main questions).

Replies and analysis

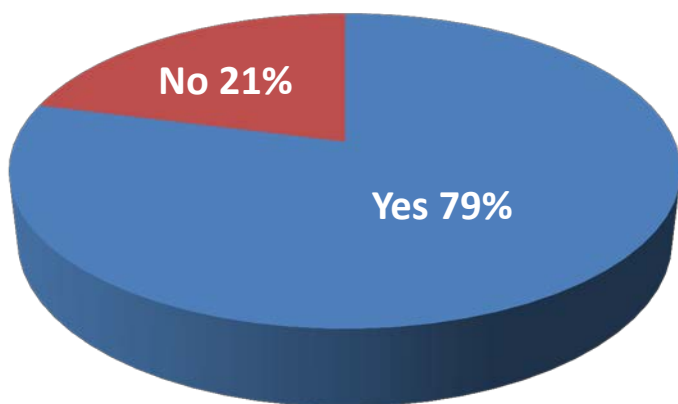
- 152 questionnaires received from 178 OIE Member Countries = **85% replied**.
- OIE National Focal Points for Veterinary Products were mainly in charge of filling in the Questionnaire.

Proportion of OIE Member Countries with an official system for collecting quantitative data

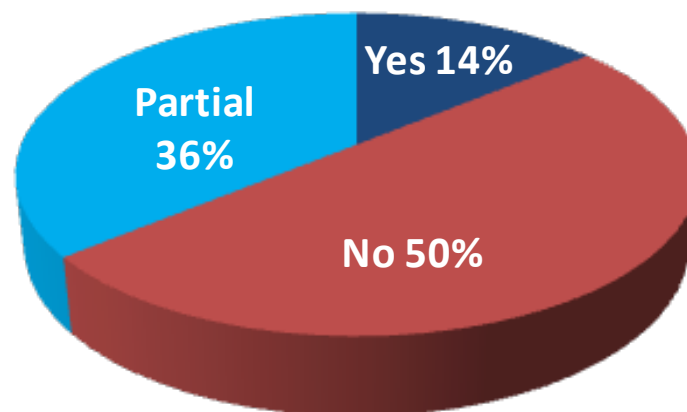


Availability of the data - Worldwide

OIE Member Countries without an official system for collecting quantitative data on antimicrobial agents used in animals

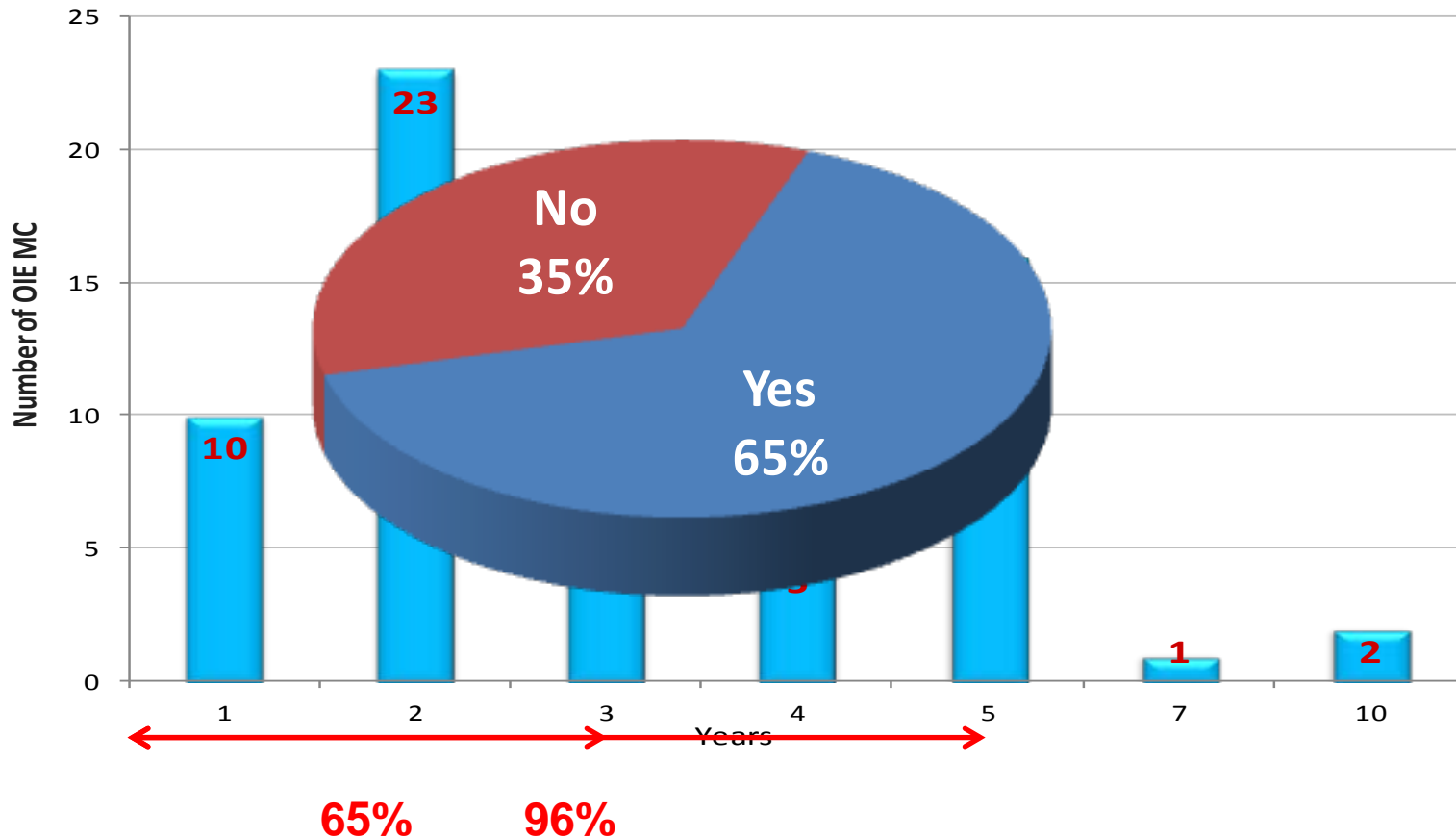


Qualitative data



Quantitative data

Plan to set up an official system to collect quantitative data - Worldwide



Recommendations of the OIE Global Conference



**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.

Implementation of the recommendation to the OIE

- An ad hoc Group to set up a global database on the use of antimicrobial agents in animals has been set up
- First meeting in January 2014
- Report not yet official
- Objective: to address recommendation n°7 of the OIE Global Conference in establishing an overall approach to collect/report standardised quantitative data on antimicrobial agents used in animals

Thank you for your attention



Organisation Mondiale
de la Santé Animale

World Organisation
for Animal Health

Organización Mundial
de Sanidad Animal