OIE Tripartite activities on AMR

Prince Mahidol Award Conference
Addressing AMR using the One Health Approach-CORDS conference
Bangkok, Thailand, January 29, 2018
The “Tripartite” Collaboration

Tripartite agreement of 3 Directors

3 Priorities

Zoonotic influenzas

⇒ OFFLU, OIE/FAO expertise network on animal influenza

Antimicrobial resistance

⇒ The OIE action plan contributes to the achievement of certain issues in the WHO Global Action Plan

Rabies

Global control of canine rabies

⇒ WHO-OIE global conference in Dec. 2015
FAO, OIE and WHO reaffirmed their commitment to provide multi-sectoral, collaborative leadership in addressing health challenges. The scope of their collaboration will be enlarged to more broadly embrace the “One Health” approach recognizing that the human health, animal health and the environment are interconnected.

Tripartite Coordination

1. Annual high level meeting at executive level: 24th, OIE, February 21-22, 2018

2. Technical Focal Points on AMR

3. Identified areas for cooperation

4. Developed common messages

5. Participation in relevant ad hoc Groups, meetings, trainings and projects

6. Common regional / sub-regional / country approaches and projects
Ensure the Responsible & prudent use

WE NEED

- WELL-STRUCTURED VETERINARY SERVICES
- STRONG NATIONAL LEGISLATION

FOR

- Market authorisation, manufacture, importation
- Distribution, restriction of free access
- Prescription and administration
- Monitoring of quantities used in animals, antibiotic resistance surveillance
- Oversight by Veterinary Statutory Bodies
OIE Annual Report on the use of antimicrobial agents intended for use in animals

First Year

Global Analysis
- General Information
- Quantity of Antimicrobial Agents Reported

Analysis by OIE Region
- General Information by OIE Region
- Africa
- Americas
- Asia and the Pacific
- Europe
- Middle East

Second Year

Results of the Second Phase of Data Collection
- Global Analysis
- Antimicrobial Quantities
- Analysis by OIE Region

Focus on 2014: Additional Analysis of Antimicrobial Quantities
- Antimicrobial Quantities
- Animal Biomass
- Antimicrobial Quantities Adjusted for Animal Biomass

Annex: details by OIE Region
Number of Countries Globally Reporting Quantitative Data per Year from 2010-2016, During the First and Second Phases of Data Collection
Second phase of data collection: barriers for providing data on quantities of antimicrobial agents in animals

- Lack of regulatory framework: 16
- Lack of coordination/cooperation between national authorities and private sector: 14
- Lack of tools and human resources: 8
- Insufficient regulatory enforcement: 4

Data available under other national authority:
8/10: MoH
2/10: several agencies involved

N = 38
Global Quantities of Antimicrobial Agents Intended for Use in Animals as Reported for 2014, Adjusted for Animal Biomass (mg/kg)

Including 60 Countries

Global (not adjusted by reported coverage): 98.97 mg/kg animal biomass

Global (adjusted by reported coverage): 134.31 mg/kg animal biomass
Materials for Tripartite communication on AMR

OIE web portal on AMR

www.oie.int/antimicrobial-resistance
Thank you for your attention

12, rue de Prony, 75017 Paris, France
www.oie.int
media@oie.int - oie@oie.int
Extra slides
Species Composition of Animal Biomass for 60 Countries Reporting Quantitative Data for 2014

- Bovine, 53%
- Poultry, 19%
- Swine, 15%
- Other, 13%
- Equine, 4%
- Goats, 3%
- Sheep, 4%
- Rabbits, 0.18%
- Camelids, 0.35%
- Cervids, 0.02%
- Farmed Fish, 1%
Data Sources Selected by 107 Countries Reporting Quantative Data from 2013-2016 (Second phase)

<table>
<thead>
<tr>
<th>Data source</th>
<th>Number of Countries Reporting Source of Quantitative Data</th>
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<td>Farm records</td>
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<tr>
<td>Other</td>
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The Tripartite: FAO-OIE-WHO Collaboration

Global leader for food and agriculture
Global leader for animal health and welfare standards
Global leader for human health

Joint priorities including on AMR

- Global Action Plan on AMR
- National Action Plan (NAP) development support tools
  - Manual for developing NAP
  - Checklist to be used to assist with the development of NAP
- Communication tools
  - Joint media statements
  - Antibiotic Awareness Week
  - Common trainings and presentations
The sections of the OIE Template named ‘Reporting Options’ 1, 2 and 3, collect the quantities of antimicrobial agents intended for use in animals.

**Baseline Information**
- **Parts A + B**: for all Member Countries to respond
- **Part C**: for the Member Countries choosing a Reporting Option

**Reporting Option 1**
- Antimicrobial agents
- Type of use*

**Reporting Option 2**
- Antimicrobial agents
- Type of use*
- Group of animals**

**Reporting Option 3**
- Antimicrobial agents
- Type of use
- Group of Animals**
- Routes of administration

* Type of use: therapeutic or growth promotion

**For the purposes of the OIE database, animal groups means: ‘terrestrial food-producing animals’, ‘aquatic food-producing animals’ or ‘Companion animals’