

# WOAH Activities on AMR and Global Database on Antimicrobial Agents Intended for Use in Animals

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31 Oct 2024

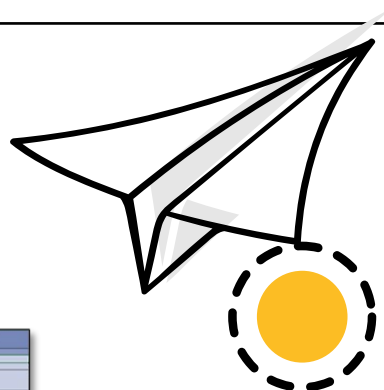
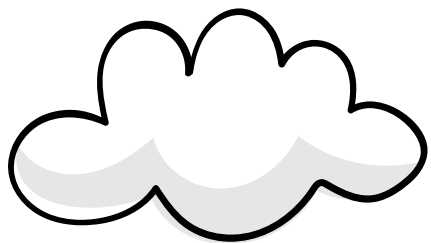
The Kempinski Hotel Khan Palace, Ulaanbaatar, Mongolia



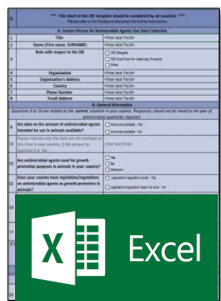
World  
Organisation  
for Animal  
Health  
Founded in 1924

Organisation  
mondiale  
de la santé  
animale  
Fondée en 1924

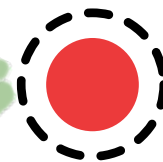
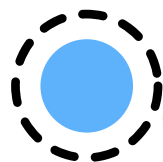
Organización  
Mundial  
de Sanidad  
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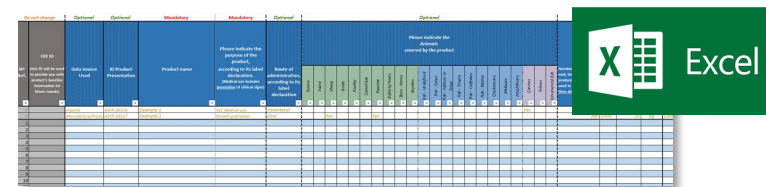
2022 – Launch of **ANIMUSE**  
(for **AN**imal anti**MI**crobial **USE**)  
Global Database



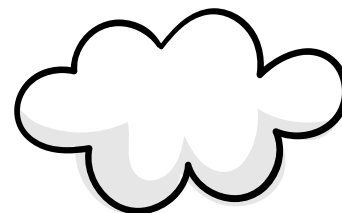
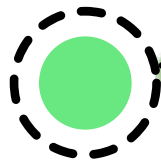
2015 – Launch of  
WOAH AMU data  
collection



2019 – Launch of  
WOAH Calculation  
Tool to assist  
Members



2013 – 1<sup>st</sup> Global  
Conference on  
Antimicrobial  
Resistance (AMR)



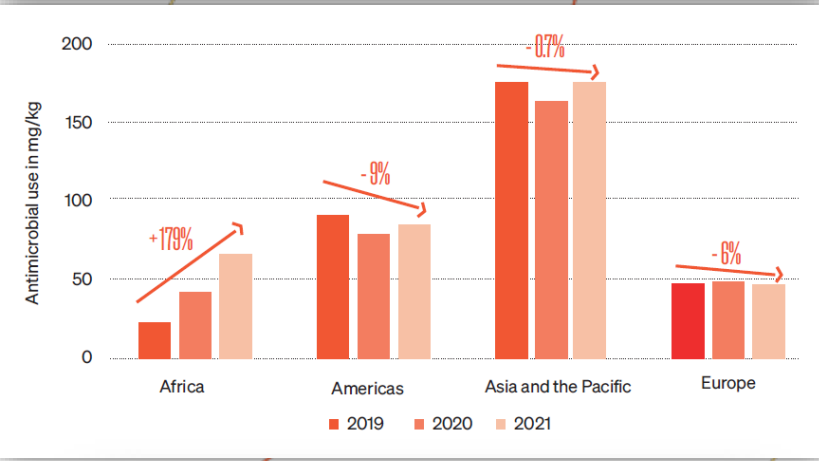
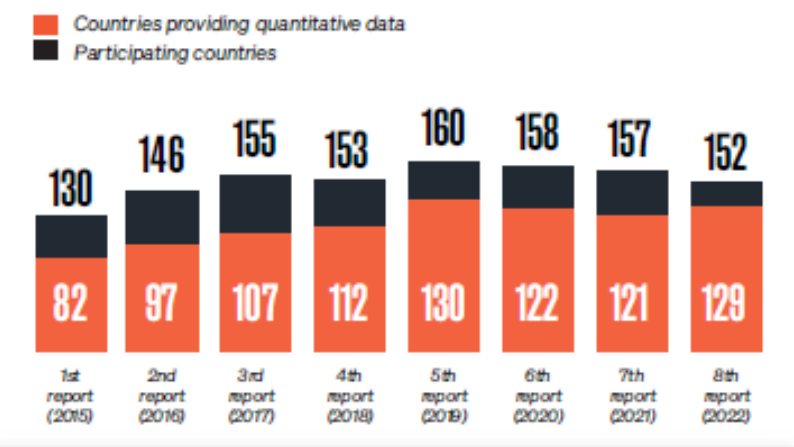
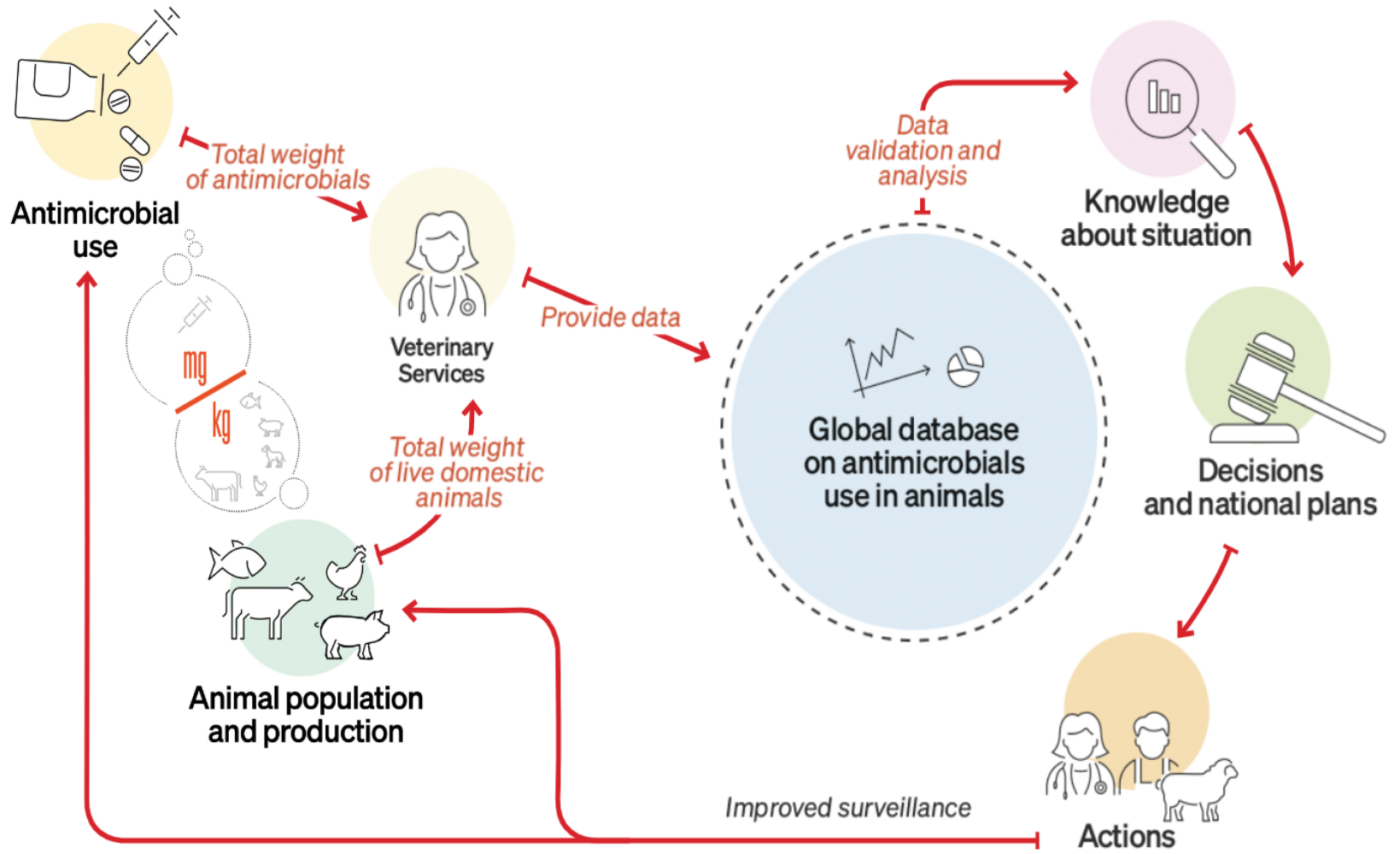


A system designed for **our Members** to

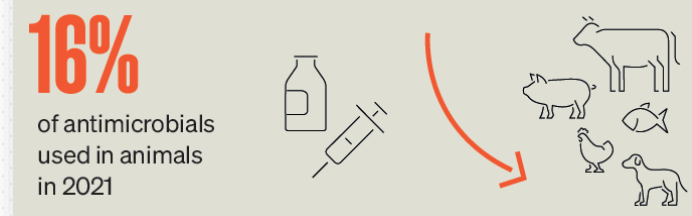
- 1. CONSOLIDATE** their AMU data through the **Calculation Module**
- 2. ANALYSE** their current and historical AMU data since 2015
- 3. COMMUNICATE** easily and create their own national reports with the **data dashboards**



## ANTIMICROBIAL USE: FROM DATA TO ACTION

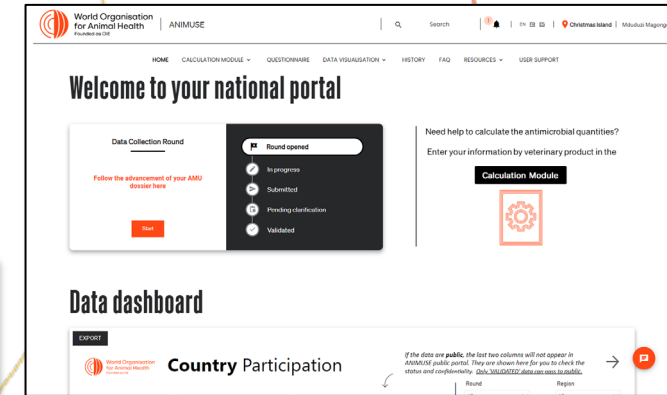


**The use of antimicrobials critical to human health in animals remains low**



## National PORTAL – Launched in Sept. 2022

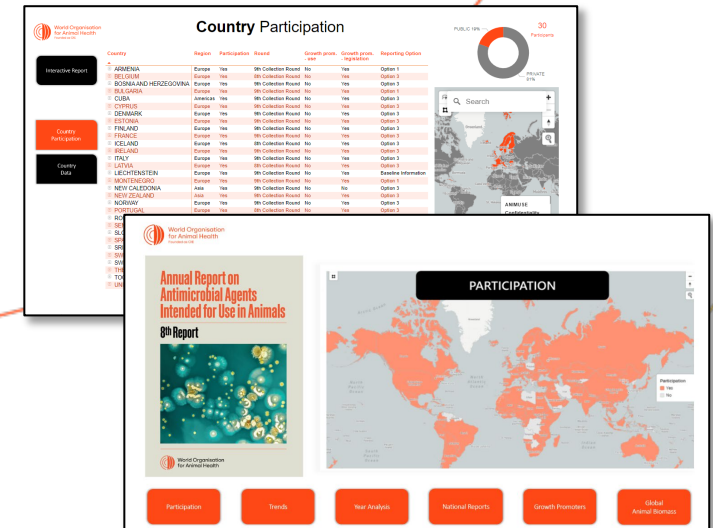
- Visuals at country level (only for your country)
- Data aggregated by classes
- Data at molecule level (only for those using the Calculation Module)



## PUBLIC PORTAL – Launched in May 2023

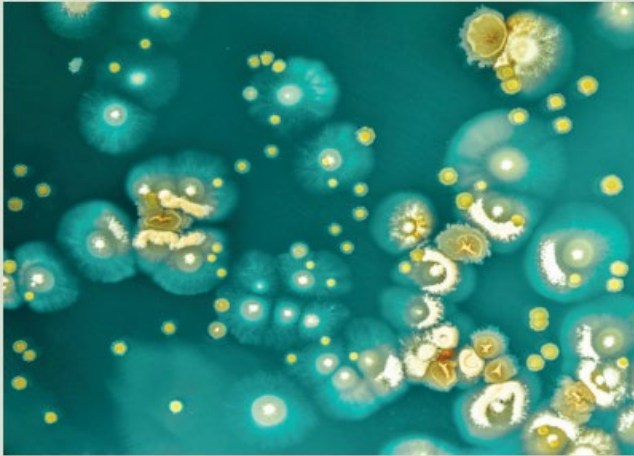
- Visuals at global level
- Visuals at regional level
- Visuals at country level (only those that decided to be public)

30 Countries



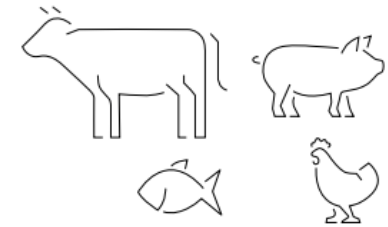
# Annual Report on Antimicrobial Agents Intended for Use in Animals

## 8th Report

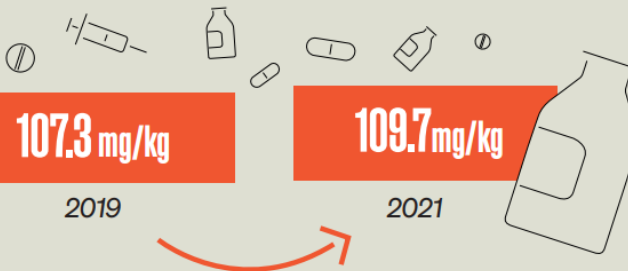


The 8th annual report provides an analysis of data from 2021 covering:

**65%** of the world's terrestrial and aquatic animal biomass



Global antimicrobial use in animals has increased by 2% in 3 years



Data reported by the 81 participating countries that consistently provided quantitative information on antimicrobials in animals from 2019 to 2021.

## Objective

- To provide guidance for setting up farm-level AMU monitoring system for terrestrial and aquatic animals
- To complement WOAHA AMU global database (ANIMUSE) by enabling countries to collect and submit comprehensive AMU data

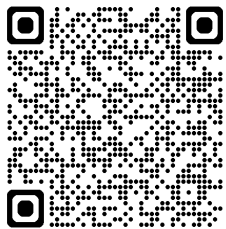


Development of a farm-level antimicrobial use monitoring system

Objectives of antimicrobial use monitoring at the farm level

Development of a data collection plan

Development of data management, analysis and communication plans





- 
- Identify data sources and the data collection systems
  - Effective systems appropriate to the country are in place for monitoring of the quantities and usage patterns of antimicrobial agents used in animals.
  - Improved quality of AMU data
  - GAVS able to submit comprehensive AMU data including antimicrobial class and type of use (veterinary medical use or growth promotion (Option 1)) to ANIMUSE.

If you cannot measure it, you cannot improve it.

*Lord Kelvin (1824 - 1907)*



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Thank you

**ANIMUSE** Global  
Database