

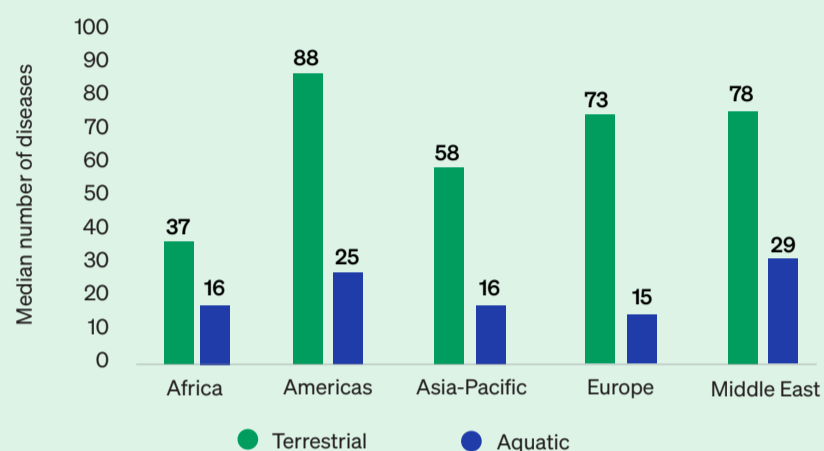
Disease detection, surveillance and diagnosis

Animal health surveillance is crucial to determine the absence, presence and distribution of animal diseases and detect emerging diseases as early as possible. The World Organisation for Animal Health (WOAH, founded as OIE) develops international standards related to the surveillance of animal diseases. Through its Annual Report, the Observatory intends to assess the uptake of these standards.

The implementation of disease surveillance systems varies across regions and diseases

Not all WOAH-listed diseases are subject to compulsory notification at national level

This raises questions about the ability of Members to fully comprehend the disease situation in their territories and comply with WOAH notification requirements.

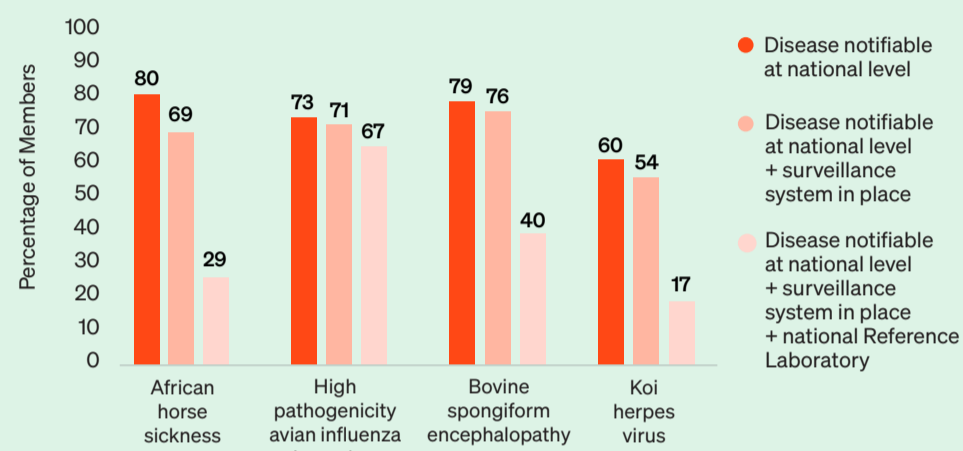


Median number of animal diseases notifiable at national level among the WOAH-listed diseases for terrestrial and aquatic animals

Source: WAHIS six-monthly reports, 2019

A limited number of Members meet all disease surveillance criteria

due to the limited percentage of Members with national Reference Laboratories. This raises questions about their diagnostic capacity.

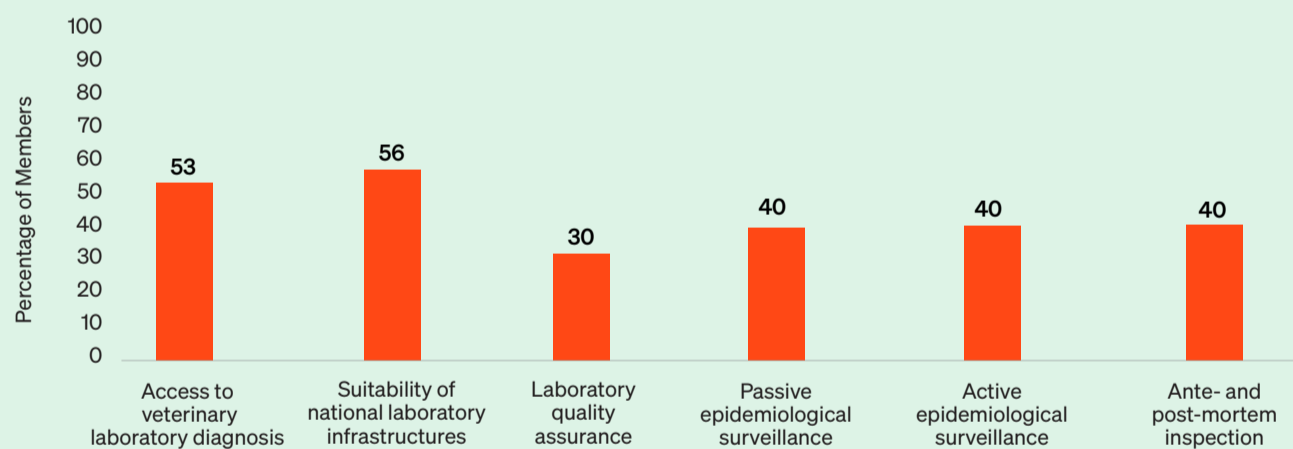


Percentage of Members meeting surveillance parameters for various animal diseases

Source: WAHIS six-monthly reports, 2019

Surveillance would benefit from further improvement

Based on recent Performance of Veterinary Services (PVS) Pathway missions, the percentage of Members which reached or exceeded the minimal capacity is as follows:



Percentage of Members with a Level of Advancement of 3 or more for each of the 6 Critical Competencies relevant to surveillance

Source: PVS Evaluation or Follow-up missions for 43 Members, 2016-2021 – Analysis of the Level of Advancement for Critical Competencies II.1.A., II.1.B., II.2., II.5.A., II.5.B., II.8. from the 6th edition of the PVS Tool



35% of Members have overall sufficient surveillance capacity

i.e. reached or exceeded the minimal capacity for all 6 Critical Competencies relevant to surveillance

Recommendations

World Organisation for Animal Health

- Clarify guidance for completing six-monthly reports in WAHIS.
- Monitor Members' progress with Critical Competencies over time as an indicator of the impact of WOAH's support.
- Explore how to collect more data about the performance of national Reference Laboratories.

Members

- Invest in training and resources, including diagnostic capacity, to boost national surveillance programmes for WOAH-listed diseases.
- Report the diagnosis of listed diseases to WOAH.
- Ensure that six-monthly reports are completed accurately.

[Access the full information here](#)

Please consider the data limitations outlined in the full Annual Report when consulting this document.