

Regional Training Seminar for WOAH National Focal Points for Veterinary Laboratories (cycle III)

8 - 10 July 2025, Gaborone, Botswana

Regional Analysis of PVS Reports

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Sub-Regional Representation for Southern Africa



WOAH Performance of Veterinary Services (PVS) Pathway – What is it?

Purpose: The PVS Pathway is WOA's flagship capacity building programme for sustainable improvement of national Veterinary Services and Aquatic Animal Health Services

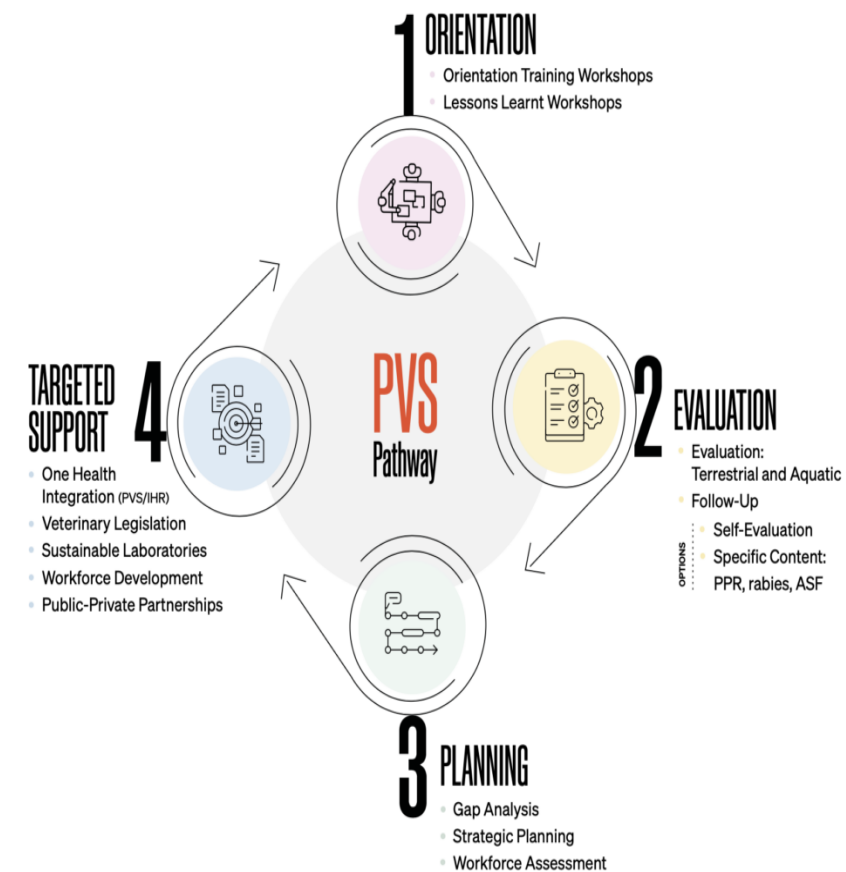
Capacity Building: It provides a comprehensive, staged approach for strengthening these services through evaluation, planning, and targeted support

Evaluation: Uses a globally consistent methodology based on WOA's international standards to assess strengths and weaknesses

Continuous Improvement: Encourages ongoing learning and improvement within national Veterinary Services

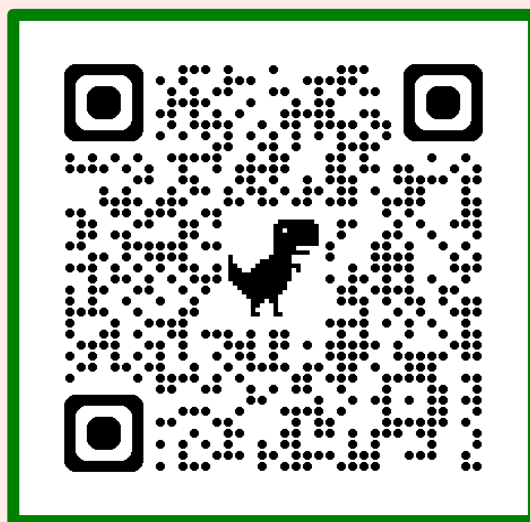
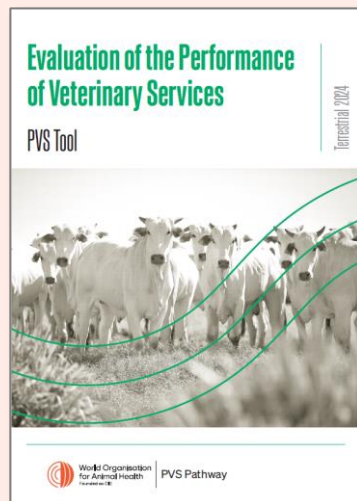
Tailored Support: Offers specific support for priority subjects like rabies, African swine fever, and antimicrobial resistance

Global Reach: Over 140 countries have engaged in the PVS Pathway (Initiated by country)



PVS Tools

Terrestrial Tool



Aquatic Tool



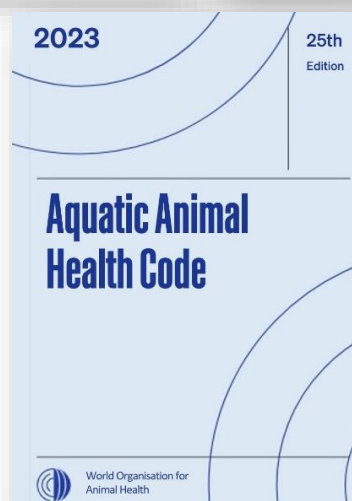
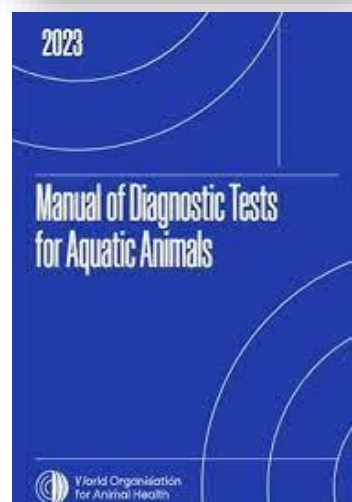
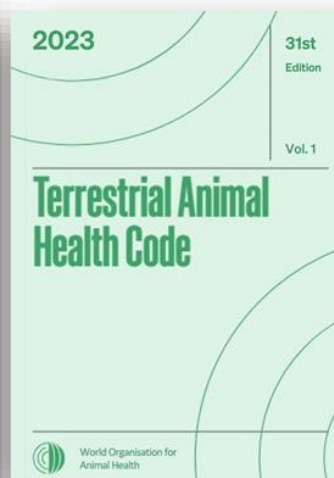
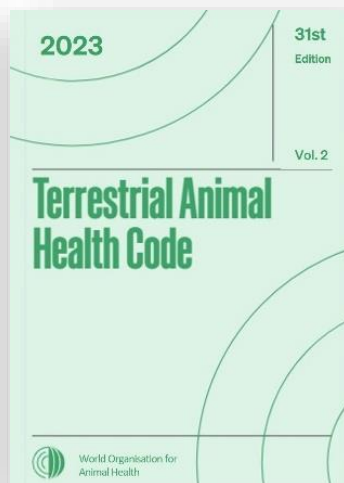
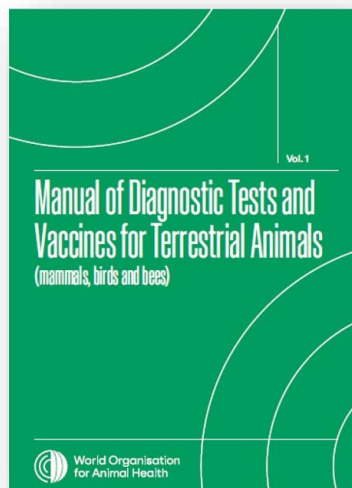
#WOAHGS



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal

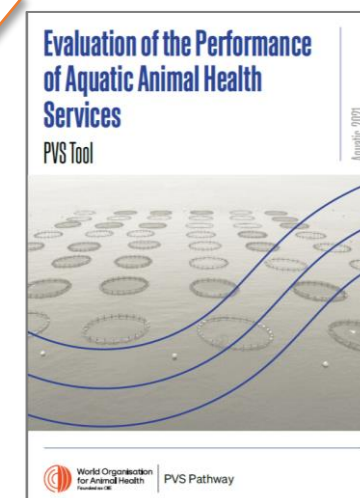
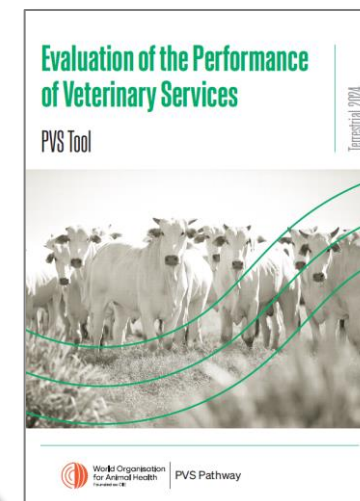


Section 3 of Codes

Quality of Veterinary Services /
Aquatic Animal Health Services

Section 3 des Codes

Qualité des Services Vétérinaires /
Services de Santé pour les Animaux
Aquatiques



WOAH PVS Information System (PVS IS) – What is it?

Purpose: The PVS-IS aims to unlock data and insights from PVS Reports to enhance advocacy for investment and sustainable funding

Data Utilization: It provides a deeper understanding of performance trends towards compliance with WOA International Standards

Enhanced Advocacy: Facilitates more effective advocacy efforts by making data more accessible and actionable

Support for Improvement: Helps identify areas for improvement and investment in Veterinary Services

Did you know?

16 countries* in the Africa Region have access to and use a laboratory to obtain a correct diagnosis for animal diseases and zoonoses present in their country, and for animal feed safety and veterinary AMR surveillance.

With additional capacity building and investment, 24 more countries have the potential to reach to this minimum level of capacity!

PVS IS Insight: 32% Countries that have undertaken a PVS Evaluation (n=138) have Levels of Avancement 3.



PVS Engagement in Africa Region

Africa leads globally in engagement and re-engagement in the PVS Pathway

Since 2016, 48 (92%) Africa Members benefitted from the PVS Pathway activities, primarily engaged in Evaluation and Targeted Support

288

Total PVS Activities

287

PVS Activities Conducted

1

PVS Activities in Progress

54

WOAH Members Benefitted

30%

Members Engaged In PVS Pathway

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PVS Reports Under Finalization

Region

Africa

Year

All

PVS Pathway Phase

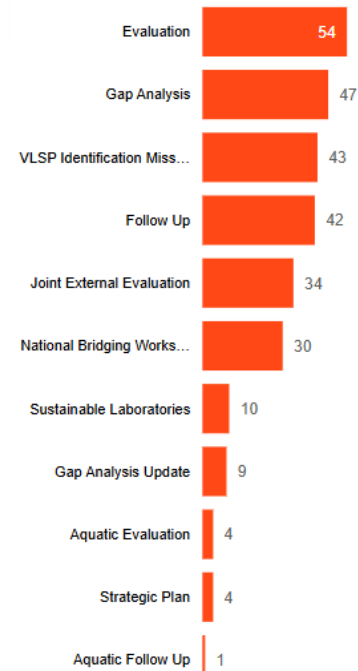
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PVS Activity Type

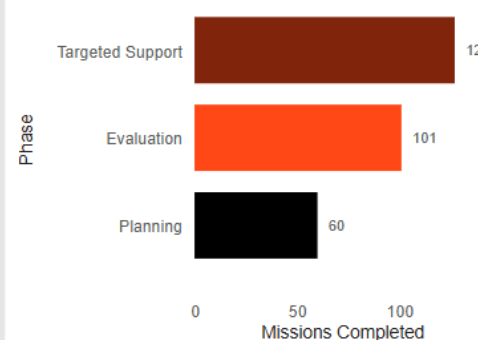
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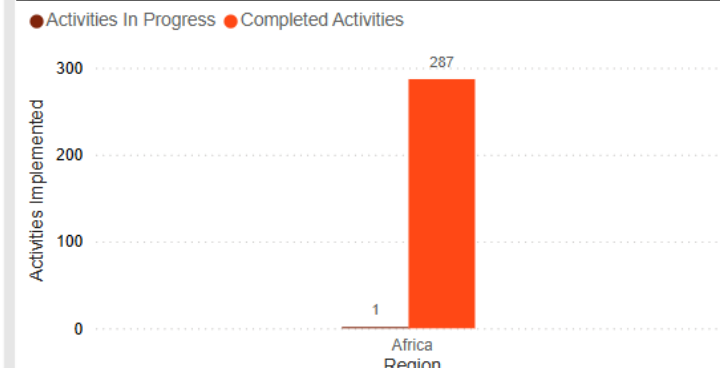
PVS Activities Conducted by Mission Type



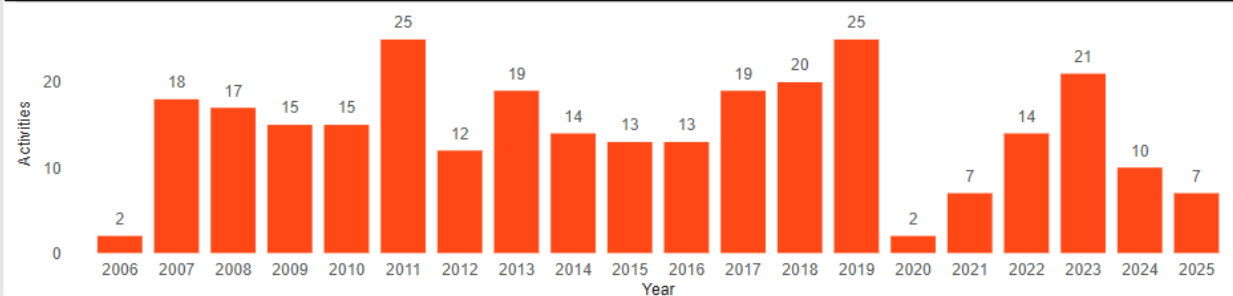
PVS Activities by Members and Phase



PVS Activities Implemented by Region



PVS Activities Implemented by Year



Critical Competencies are key areas that are evaluated to assess the performance of Veterinary Services

•**Evaluation Tool:** They are part of the PVS Tool and are used to measure compliance with WOAHA International Standards

•**Categories:** The competencies are grouped into four main Components:

- **Human, Physical, and Financial Resources:** Evaluates the availability and quality of resources
- **Technical Authority and Capability:** Assesses the technical skills and capabilities of Veterinary Services
- **Interaction with Stakeholders:** Looks at the engagement and communication with stakeholders
- **Access to Markets:** Examines the ability to meet international trade standards and market access

•**Levels of Advancement:** Each competency is rated on a scale to determine the level of advancement and identify areas for improvement.

Did you know?

Only 15 countries in Africa have a national laboratory system that generally meets the needs of the VS, with effectively and efficiently managed resources and organisation. This is even though funding is insufficient for a sustainable system and limits throughput and only some laboratory biosafety and biosecurity measures are in place.

With additional capacity building and investment, **22** more countries have the potential to reach to this minimum level of capacity!

Date

PVS IS Insight: 32% Countries that have undertaken a PVS Evaluation (n=138) have Levels of Advancement 3.

Levels of Advancement

II-1. VETERINARY LABORATORY DIAGNOSIS	
DEFINITION	LEVELS OF ADVANCEMENT
<p>The authority and capability of the VS to effectively and efficiently use accurate <i>laboratory</i> diagnosis to support their animal health and veterinary public activities.</p> <p>A. Access to veterinary laboratory diagnosis</p> <p>The authority and capability of the VS to access <i>laboratory</i> diagnosis in order to identify and report pathogenic and other hazardous agents that can adversely affect <i>animals</i> and animal products, including those relevant to public health.</p>	1. Disease diagnosis is almost always conducted by clinical means only, with no access to or little use of a <i>laboratory</i> to obtain a correct diagnosis.
	2. For major animal <i>diseases</i> and <i>zoonoses</i> of national importance, and for the food safety of animal products, the VS have access to and use a <i>laboratory</i> to obtain a correct diagnosis.
	3. For animal <i>diseases</i> and <i>zoonoses</i> present in the country, and for animal <i>feed</i> safety and veterinary AMR surveillance, the VS have access to and use a <i>laboratory</i> to obtain a correct diagnosis.
	4. For animal <i>diseases</i> of zoonotic or economic importance not present in the country, but that exist in the region and/or that could enter the country, the VS have access to and use a <i>laboratory</i> to obtain a correct diagnosis.
	5. In the case of new and <i>emerging diseases</i> in the region or worldwide, the VS have access to and use a network of national or international reference <i>laboratories</i> (e.g. an OIE or FAO Reference <i>Laboratory</i>) to obtain a correct diagnosis.

Level 1

No Capacity

Level 2

Some Capacity

Level 3

Minimum Capacity







Level 4

Good Capacity

Level 5

Excellent Capacity

PVS-IS Insights on Laboratory related parameters

LABORATORY RELATED PARAMETERS	MEMBERS WHO UNDERWENT PVS EVALUATION GLOBALLY/AFRICA		
	GLOBAL	AFRICA: Min. Capacity (CC Level 3)	AFRICA: Some Capacity (CC Level 2)
For animal diseases and zoonoses present in the country, and for animal feed safety and veterinary AMR surveillance, the VS have access to and use a laboratory to obtain a correct diagnosis.	55%	31% 	46% 
The national laboratory system generally meets the needs of the VS. Resources and organisation are managed effectively and efficiently, but funding is insufficient for a sustainable system, and limits throughput. Some laboratory biosafety and biosecurity measures are in place.	52%	29% 	42% 
Most major laboratories servicing the public sector VS are using formal Quality Management Systems (QMS) . There is occasional use of multi-laboratory proficiency testing programmes.	31%	12% 	42% 

- **A large proportion of countries have inadequate capacity in laboratory Critical Competencies!**
- **Investments in these areas can significantly improve disease control, early warning and emergency preparedness in Africa.**

PVS-IS Insights on Laboratories PVS Recommendations

Global

Most frequent PVS Recommendations

1. Strengthen ongoing training for laboratory staff
2. Expand laboratory diagnostic capacity
3. Implement Quality Assurance Systems
4. Refurbish and re-equip the national veterinary laboratory
5. Expand and strengthen the interlaboratory network
6. Develop a strategy for national reference laboratories

Most Frequent Umbrella Recommendations

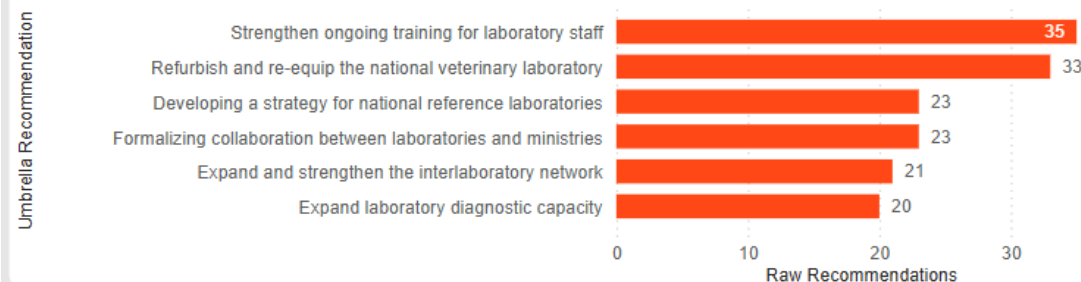


Africa

Most frequent PVS Recommendations

1. Strengthen ongoing training for laboratory staff
2. Refurbish and re-equip the national veterinary laboratory
3. Develop a strategy for national reference laboratories
4. Formalizing collaboration between laboratories and ministries
5. Expand and strengthen the interlaboratory network
6. Expand laboratory diagnostic capacity

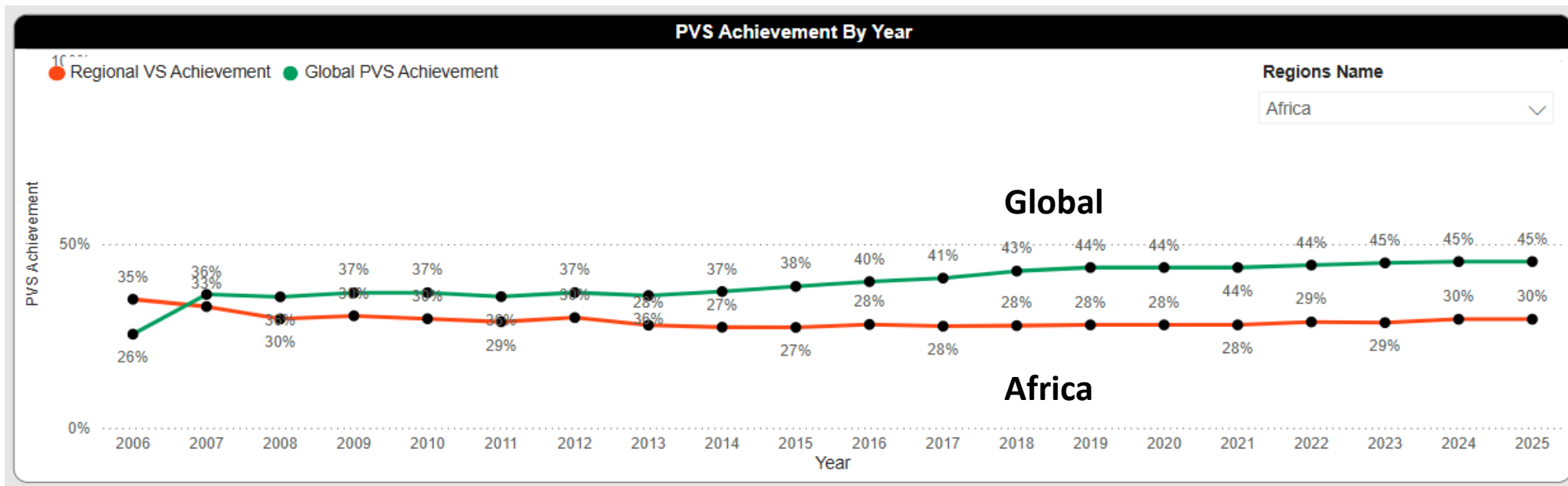
Most Frequent Umbrella Recommendations



PVS Achievement in Africa

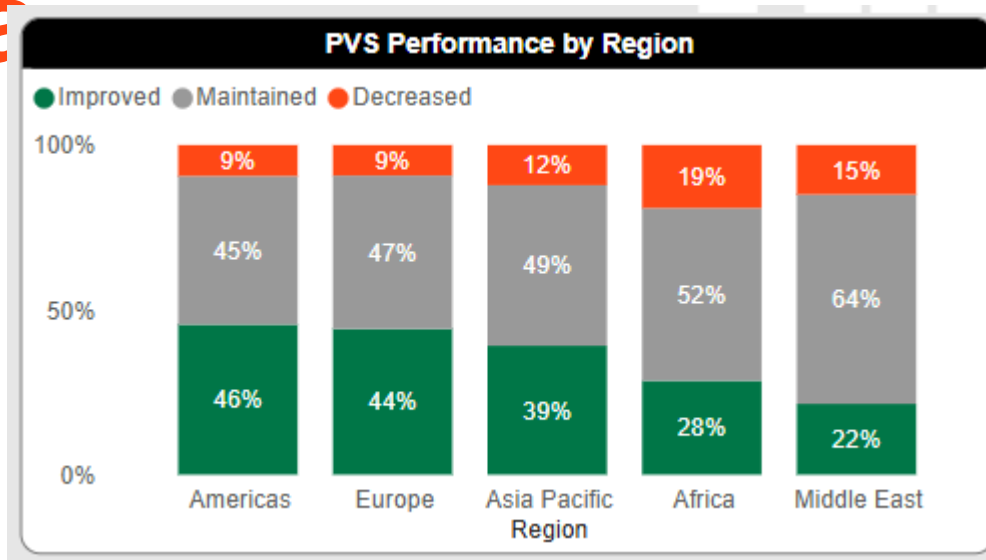
PVS Achievement measures the **percentage of Critical Competencies (CCs)** where a country performs at Level of Advancement (LoA) 3, 4, or 5.

- *On average, Members in the **Africa Region** have demonstrated minimal capacity in **30%** of PVS Critical Competences, according to their most recent PVS Evaluation, compared to **45% globally***
- *Achievement ranged from 0% to 100% achievement in the Africa region*
- ***Recommended Target = to reach minimal capacity (Level 3) in 100% of PVS Critical Competencies***
- *There is still work to do and investment needed to build capacity of the Veterinary Services*

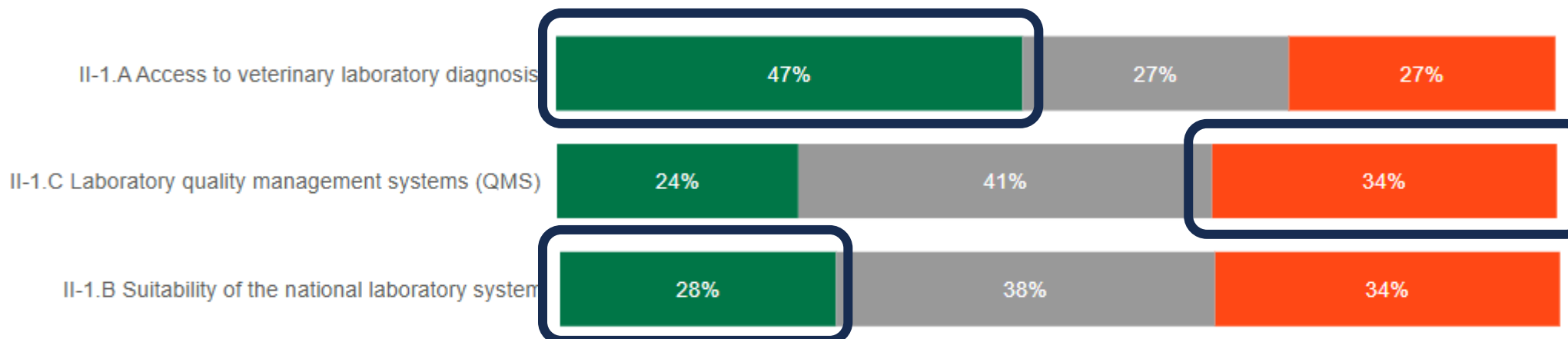


PVS Improvement* in Africa

PVS Improvement measures the percentage of countries where Critical Competencies (CCs) improved from initial PVS to follow-up Evaluation.



- On average, 28% of Members* in the **Africa Region** have improved performance on PVS Critical Competences, compared to **35% globally**
- Target = to reach minimal capacity in 100% of PVS Critical Competencies**
- There is work to do and investment needed to build capacity of the Veterinary Services





The **Performance of Veterinary Services Information System (PVSIS)** includes several new features:

Text Analysis: The PVS Evaluation and Follow-up Reports have been migrated to a secure database that allows for text analysis. This feature unlocks valuable data and performance insights for Veterinary Services

Interactive Dashboards: Members can access analysis via interactive dashboards with major indicators updated in real time as new data becomes available

Natural Language Processing and Machine Learning: These technologies are being used to provide insights into the most common and persistent recommendations, strengths, and weaknesses of Veterinary Services across the globe

These enhancements aim to improve the capacity of Veterinary Services to comply with WOAHP international standards and to support continuous improvement in animal health, animal welfare and public health worldwide.

Member countries will soon be given log-in access to start using the PVS-IS.









Thank you

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