

Building Capacities through the PVS Pathway

Regional Workshop for WOAHA Focal Points for Aquatic Animals

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WOAH

7 – 9 July 2026 | Tokyo, Japan



World Organisation
for Animal Health



Australian Government
Department of Agriculture,
Fisheries and Forestry



国立大学法人

東京海洋大学

Tokyo University of Marine Science and Technology



Performance of Veterinary Services (PVS) Pathway

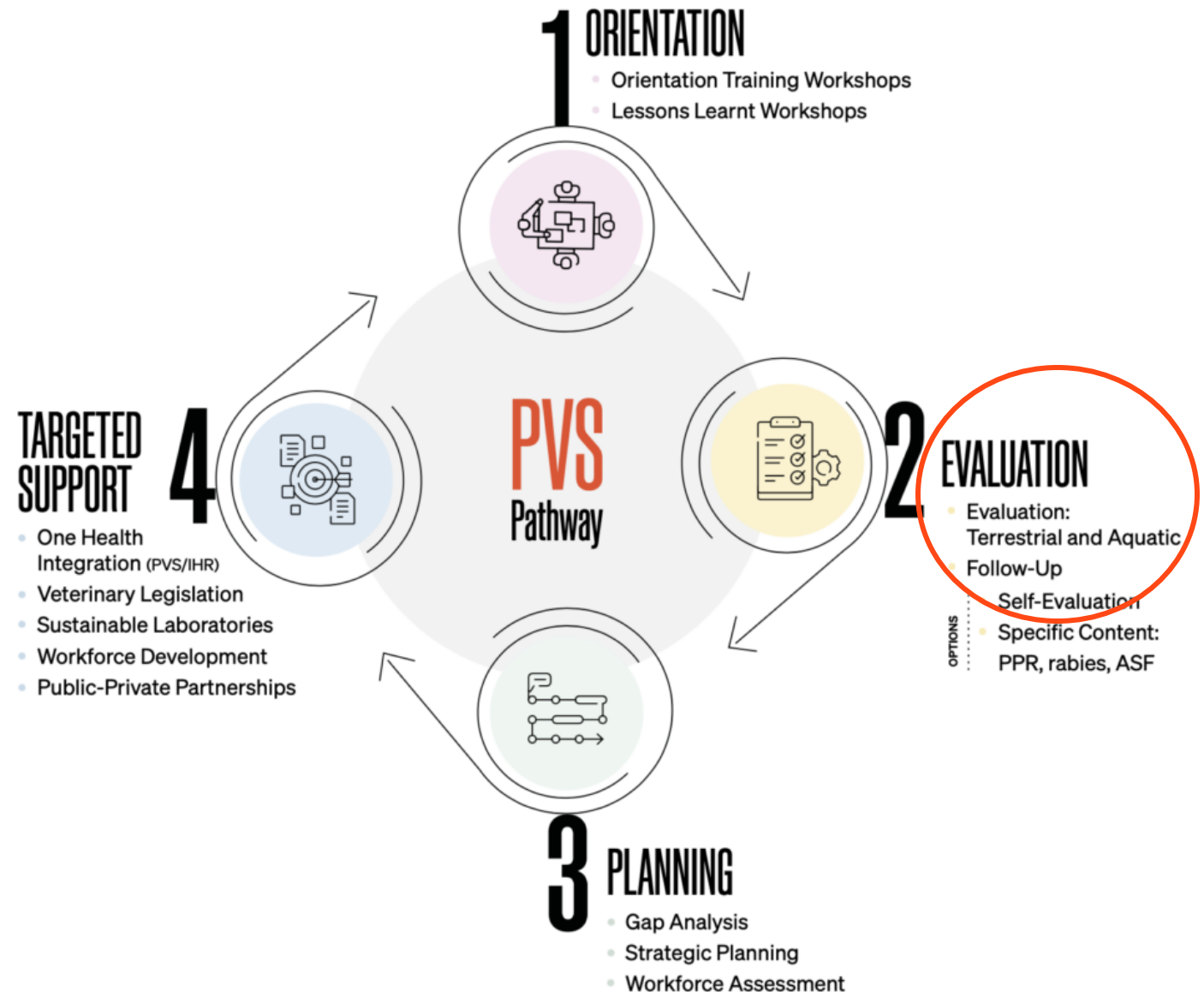
*A continuous process aiming to **sustainably** improve compliance of Veterinary Services and Aquatic Animal Health Services with International Standards*





PVS Pathway

- Comprehensive, multi-staged process for **sustainable planning** and **improvement** of Veterinary Services' (VS) capacities
- Supports greater **compliance** with WOA International **Standards for** animal health and welfare
- Each step corresponds to specific **capacity-building** activities
- **Voluntary, country driven** process targeting internal systems and resources for sustainability
- **Strong uptake** – 148 countries, more than 500 reports



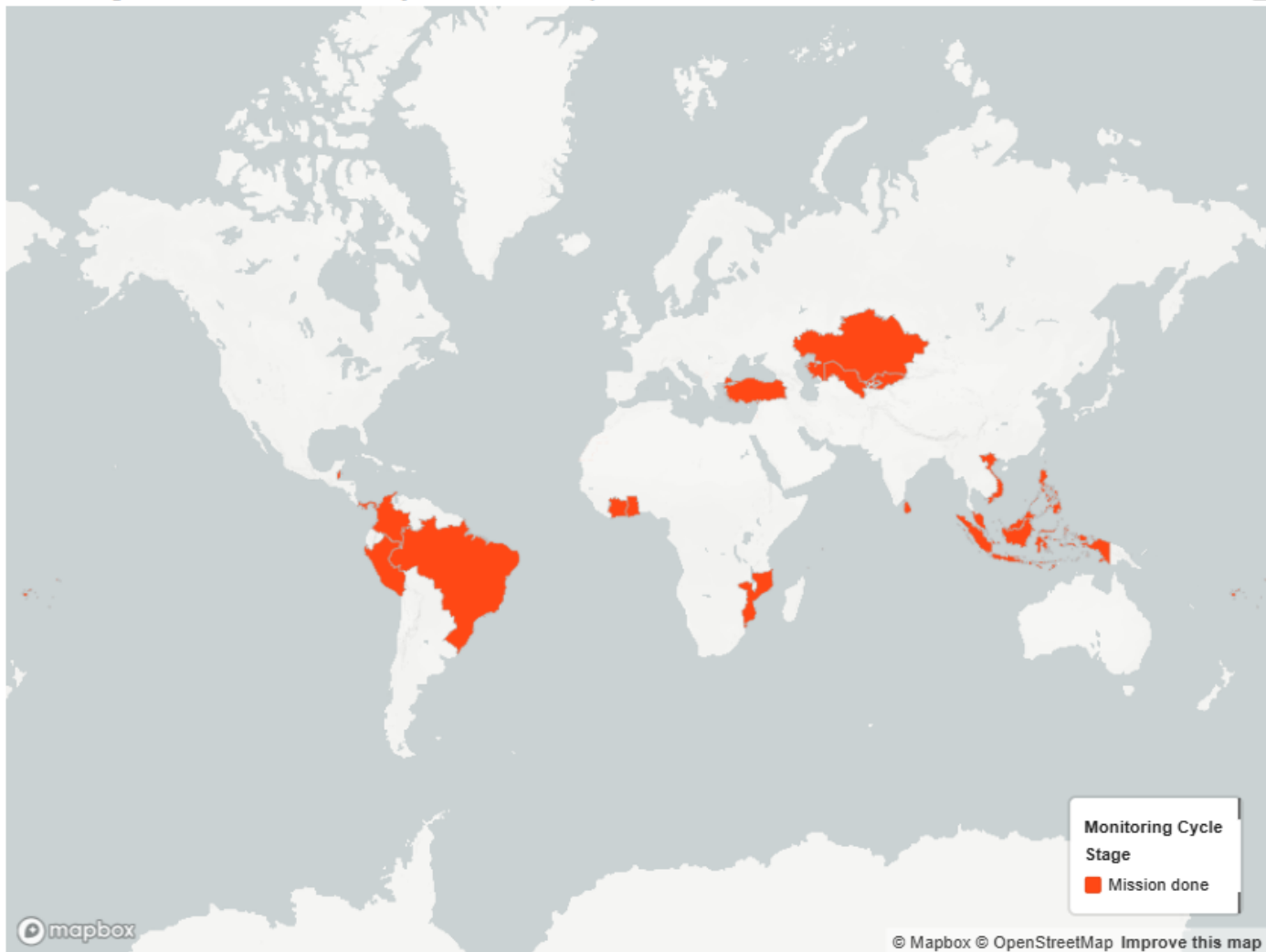


PVS Pathway Activities

PVS Evaluation Aquatic – State of Play

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Monitoring Performance of Veterinary Services and Aquatic Animal Health Services



Monitoring Cycle Stage

- ☒ Evaluation
 - ☒ Aquatic Evaluation
 - ☐ Aquatic Follow Up
 - ☐ Evaluation
 - ☐ Follow Up
- ☐ Planning
 - ☐ Aquatic Gap Analysis
 - ☐ Gap Analysis
 - ☐ Gap Analysis Update
 - ☐ Strategic Plan

Specific Content Topic

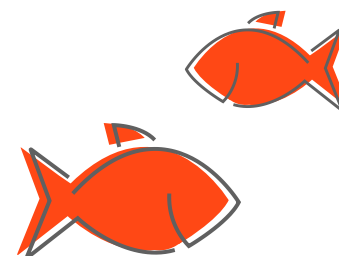
Monitoring Cycle breakdown by WOA Region

Region	Missions requested	Missions Completed
Asia Pacific	11	9
Americas	8	5
Africa	5	4
Europe	4	4
Middle East	1	
All region	29	22

Year

2006

2026





The PVS Evaluation

- External, **independent** view from experienced PVS Experts
- Based on **documentation, observation and evidence**
- Identifies **weaknesses/strengths** in complying with WOAH standards
- Suggests **recommendations** for improving VS/AAHS performance



Establish a **routine monitoring** mechanism on the level of **capacity and performance** over time, aiming for **sustainable** systems' strengthening



The PVS Tool promotes a **culture of quality, continuous improvement and good governance**



- Improve understanding of all sectors across administrations
- Informs the development of national VS/AAHS strategic plans, establish priorities, and build commitment of public and private sectors
- Identify priorities and present **arguments** for **resource mobilisation** at national level or **investment** by regional or international **partners**

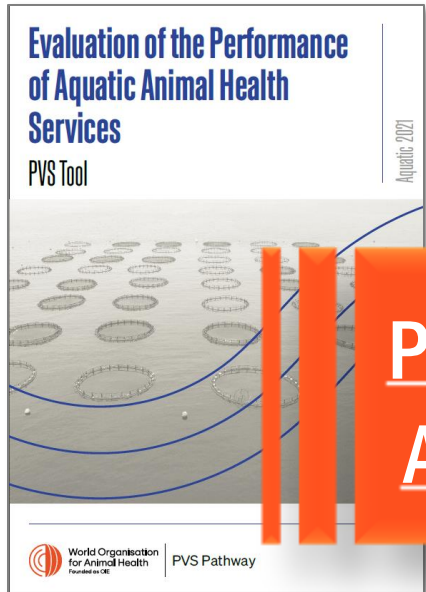
Why to invest in Animal Health Services over other sectors...

*PVS Pathway as an **advocacy tool***

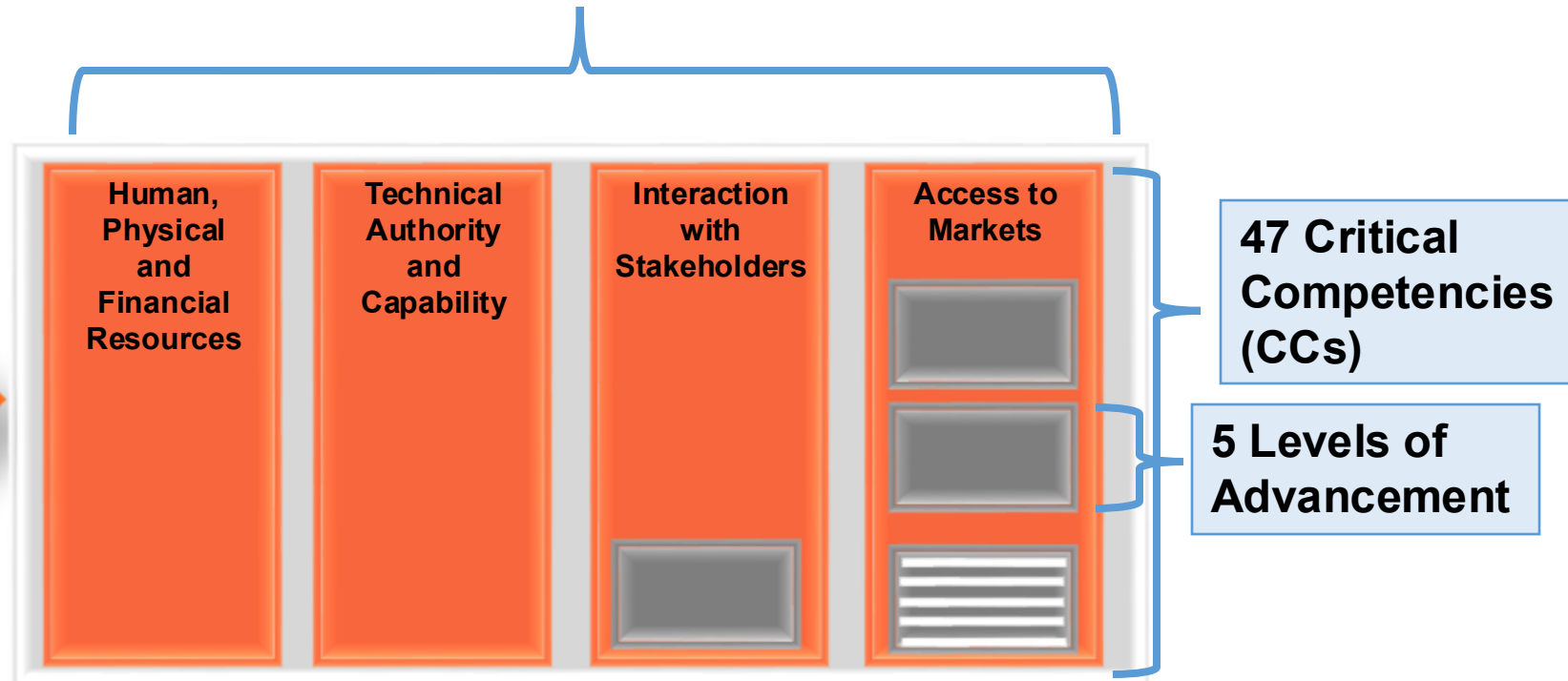


PVS Tool

4 Fundamental Components



**PVS TOOL
AQUATIC**





Specific **capacity building** needs for which WOA can provide support: Laboratories, Legislation, Public Private Partnerships, Workforce Development, Veterinary Paraprofessionals...



Arguments presented **give voice** to challenges faced and resources needed by staff and stakeholders



Arguments presented give **credibility** to need for robust and functional national Veterinary and Aquatic Animal Health Services



Data gathered supports **advocacy** efforts, monitoring and evaluation, and resource mobilisation



Reports, indicators, summaries, data, dashboards add value over time to support action



Exposure to **international expertise** who have experience with different systems and their strengths and weaknesses to ask questions and advice



Demonstrates improved **transparency** of sanitary status in view of intra-regional and **international trade**



Allows **identification** of **risks** and weaknesses for **mitigation** before they become major problems

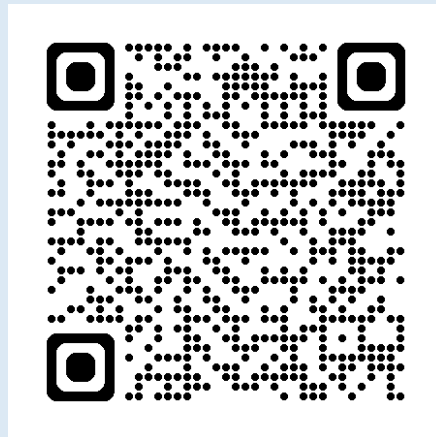


Supports **biosecurity, prevention, & preparedness** by allowing reflection on opportunities to prevent undesired outcomes and readiness if they arise



PVS Pathway Information System

Benefits for Members



- Easily accessible reports and insight
- Faster flow of information
- Foundation built for future development



Regional Workshop for WOA National Focal Points for Aquatic Animals | July 7–9, 2026 | Tokyo, Japan

Digital transformation of the PVS Pathway

The Performance of Veterinary Services (PVS) Pathway is a capacity building programme for the sustainable improvement of national Veterinary Services and Aquatic Animal Health Services, has transformed into the PVS Information System. Through the PVSIS, WOAH has uploaded the data and insights contained in PVS Reports to allow more effective advocacy efforts for investment and sustainable financing and a deeper understanding of performance trends towards compliance with WOAH International Standards.

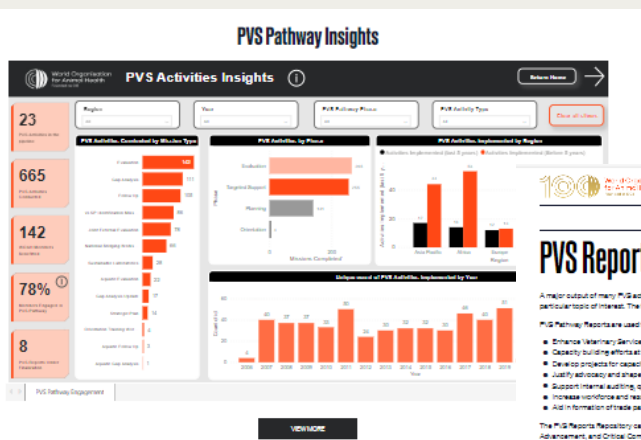
**143 Countries**
Participating in the PVS Pathway

**9675 Critical Competencies**
analysed across **215 Evaluations**

**26443**
made across **45 countries**



PVS Pathway Information System



Latest Public PVS Reports

**National Bridging Workshop Targeted Support Lebanon**
18-Sep-2020 to 09-Sep-22
[View Report](#)

**National Bridging W Support Ghana**
08-Nov-2020 to 04-Nov-22
[View Report](#)

**National Bridging Workshop Targeted Support Ghana**
18-Aug-22 to 17-Aug-22
[View Report](#)

**Sustainable Laborat Support Nigeria**
08-Nov-2020 to 26-Nov-21
[View Report](#)

**Sustainable Laboratories Targeted Support Nigeria**
08-Nov-2020 to 26-Nov-21
[View Report](#)

**VLSIP Identification Support Togo**
01-Mar-2020 to 24-Mar-21
[View Report](#)

VIEW MORE

Latest PVS Missions

The latest PVS missions appear here. If the reports are declared public by the WOAH Delegate, they will be posted on the **PVSIS**.

**National Bridging Workshop Nepal**
10-Mar-2020 to 29-Mar-24

**Follow Up Ethiopia**
10-Mar-2020 to 29-Mar-24

Upcoming PVSIS Developments

June 2024
Seamless, automated mission management

July 2024
Post-Baseline Documents Integration

PVS Reports

A major output of many PVS activities is a report containing rich data and insights, presenting an objective evaluation of the performance of the Veterinary Services, depending on a particular topic of interest. The findings are endorsed by the country and the report may be made publicly available depending on the country's preference.

PVS Pathway Reports are used to:

- Enhance Veterinary Services and public health by implementing the recommendations and address Veterinary Services strengths and capacity
- Capacity building efforts at regional and national levels to address common challenges and achieve common goals
- Develop projects for capacity building initiatives to obtain financial resources and partners and measure progress and trends over time
- Justify advocacy and shape policy and strategy at the ministerial level to change legislation, policy and regulations
- Support internal auditing, quality management, and a tool for inspections
- Increase visibility and resources from partners and investors
- Aid in formation of trade partners & agreements

The PVS Reports Repository can be used to easily access any PVS Report, according to the confidentiality status assigned to it and expand, Advancement, and Critical Competency, among others. Additional documents will be added to the repository in the upcoming stages of the PVSIS.

Search and View

The PVS Document Repository contains all PVS Reports designated as 'Public', 'Embargo', 'Confidential' and 'For Partners and Donors' and is visible to request a 'For Partners and Donors' or 'Confidential' PVS Report, please use the **Request a Report**.

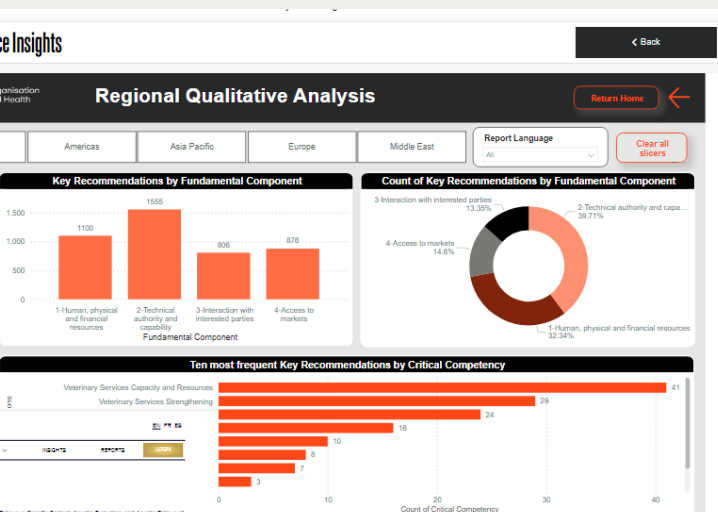
Filters

Region [Select] **Select for more countries** [Select] **All Report Type** [Select]

All Report Types [Select] **All Languages** [Select] **Page 10**

110,058 Documents

#	Country	Year	Document Type	Document Date
1	St Lucia	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
2	Uganda	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
3	Yemen	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
4	Belarus	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
5	Philippines	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
6	Green	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
7	Sudan	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
8	France	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
9	Qatar	2020	National Bridging Workshop	Regulation of the International Health Regulations (IHR) and the Performance of Veterinary Services (PVS) Pathway
10	Nigeria	2020	Business Laboratories	PVS Laboratory Inspection Report
11	Yemen	2020	VLSIP Identification Support	Response to Inspection of Veterinary Services (PVS) Pathway
12	Yemen	2020	National Bridging Workshop	Response to Inspection of Veterinary Services (PVS) Pathway
13	Yemen	2020	National Bridging Workshop	Response to Inspection of Veterinary Services (PVS) Pathway
14	China	2020	Evaluation	PVS Evaluation Report
15	China	2020	Evaluation	Response to Inspection of Veterinary Services (PVS) Pathway
16	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
17	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
18	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
19	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
20	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
21	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
22	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
23	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
24	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway
25	Yemen	2020	Response to Inspection of Veterinary Services (PVS) Pathway	Response to Inspection of Veterinary Services (PVS) Pathway



Data Extraction and Analysis

WOAH aims to extract a maximum amount of insights from each PVS Evaluation Report (i.e. Evaluation, Technical, Specific Content, Quality Evaluation, and Health Personnel). Given the significant effort required to manually process and analyze the data, WOAH has implemented a series of PVSIS tools to automate the process and extract insights from the data.

The PVSIS has been developed as a natural language processing and machine learning tool to extract, process, and analyze all text from the reports, weaknesses, and recommendations sections of each PVSIS Evaluation Report (i.e. Evaluation, Technical, Specific Content, Quality Evaluation, and Health Personnel).

Using the latest technology, similar phrases are grouped together to allow more meaningful insights and are explored by stakeholders to prioritize actions and plan better for the improvement of the performance of the Veterinary Services.

Concept/Theme Mapping

CC Legislation [Select] **Country Report 1** [Select] **Country Report 2** [Select] **Country Report 3** [Select]

Weaknesses [Select] **Recommendations** [Select]

Results of Evaluation and General Recommendations

110,058 Documents

Qualitative Analysis Methodology: Text analysis using Natural Language Processing

Recommendation

Key Phrases:

Tags:

Key Recommendation:

Data Confidentiality

In the development of the PVS Information System (PVSIS), WOAH has been in engagement to data confidentiality of the PVS reports and data very seriously. Given the engagement in the PVSIS Pathway, a voluntary and confidential engagement is important to WOAH. WOAH has taken an objective to preserve the confidentiality assigned by Countries to every PVS report.

In addition, WOAH has aimed to add value to the PVS reports and data by developing insights and indicators derived from the data already collected, and since the beginning of the programme in 2020, WOAH has been working on the PVSIS, by reducing the time to deliver the PVSIS, by increasing the sustainability of the PVSIS through automation, and reducing assessment fatigue, our members trust in our findings of PVSIS reports and data will increase with the development of the PVSIS.

This robust framework that will help members to use the PVSIS data to provide value and insights to stakeholders and to use the data.

Trust, Engagement Preservation and Data Confidentiality Framework

Confidentiality of PVS Reports

Public PVS Reports

PVS Reports for partners and Donors

Confidential PVS Reports



PVS Recommendations Analysis

[< Back](#)**Competency Type**

Aquatic

Region

Asia Pacific

Country/ Territory

All

Report Year

All

LOA Score

All

Fundamental Component

All

Critical Competency

All

8

Countries/Territories

9

Total Reports

5767

Total Recommendations

731

Total Recommendations in the Selection

981

Umbrella Recommendations

Search



Most Frequent Umbrella Recommendations

Umbrella Recommendation

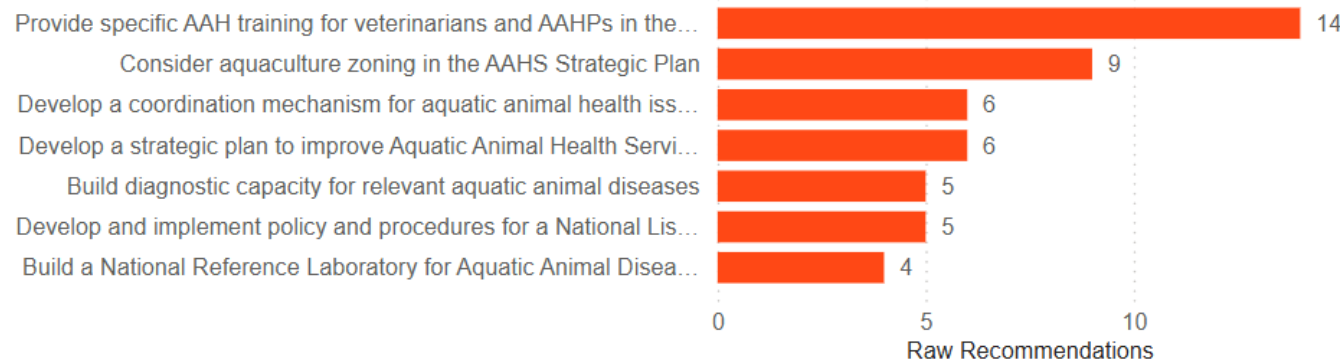


Search



Most Frequent Key Recommendations

Key Recommendation



Search



Recommendations Extracted From WOAHS

Critical Competency

Raw Text

I-1.A Veterinarians or aquatic animal health professionals (university qualification)

Advocate for salary adjustments and cr and research opportunities to retain skill service.

I-1.A Veterinarians or aquatic animal health professionals (university qualification)

Assure individual job descriptions to cla what part of the goals and strategies bo Health and all associated diagnostic an

I-1.A Veterinarians or aquatic animal health professionals (university qualification)

Consider also recruiting a few more spe health professionals to some key positio Animal Health (epidemiology and risk a

I-1.A Veterinarians or aquatic animal health professionals (university qualification)

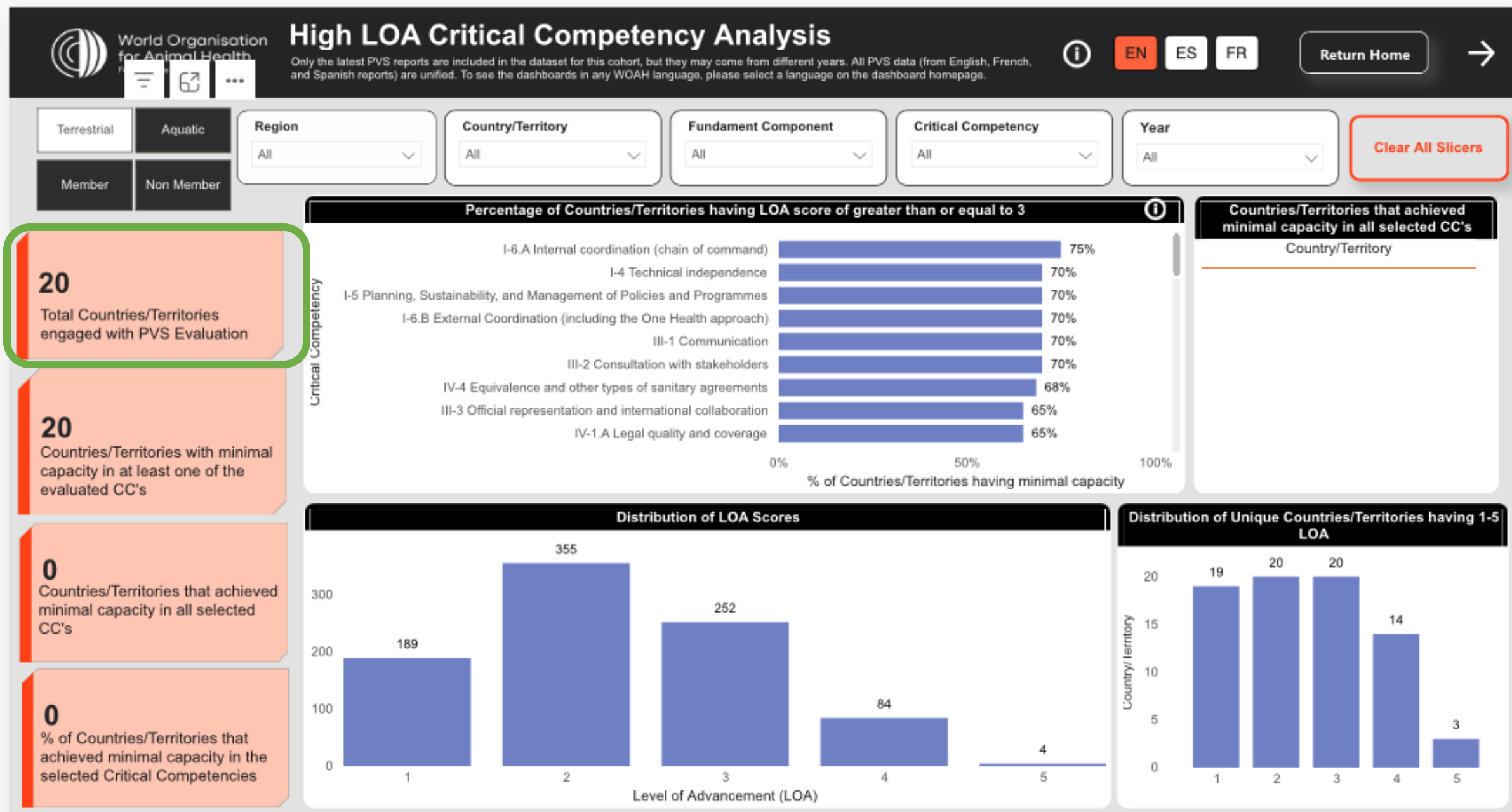
Considering the incipient development s sector it is unrealistic to consider the hir veterinarians by the MOF. Instead to tak existing initiatives at regional level such of international expertise is recommend

I-1.A Veterinarians or aquatic animal health professionals (university qualification)

Continue to develop professional compi staff to accommodate the needs for bet management of aquatic animal disease

I-1.A Veterinarians or aquatic animal health professionals (university qualification)

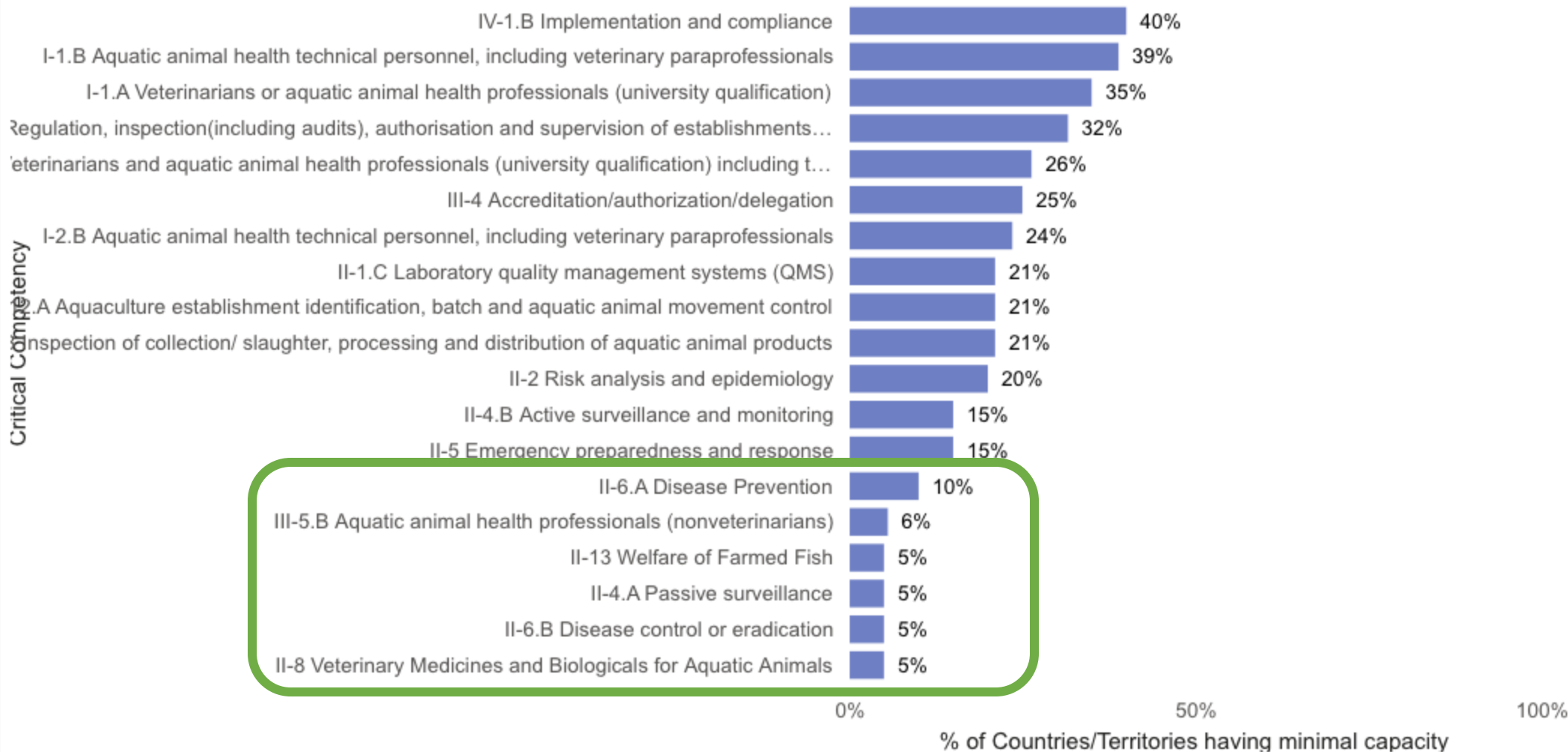
Continue to organise periodical training aquatic animal health competencies am particular working at field level.

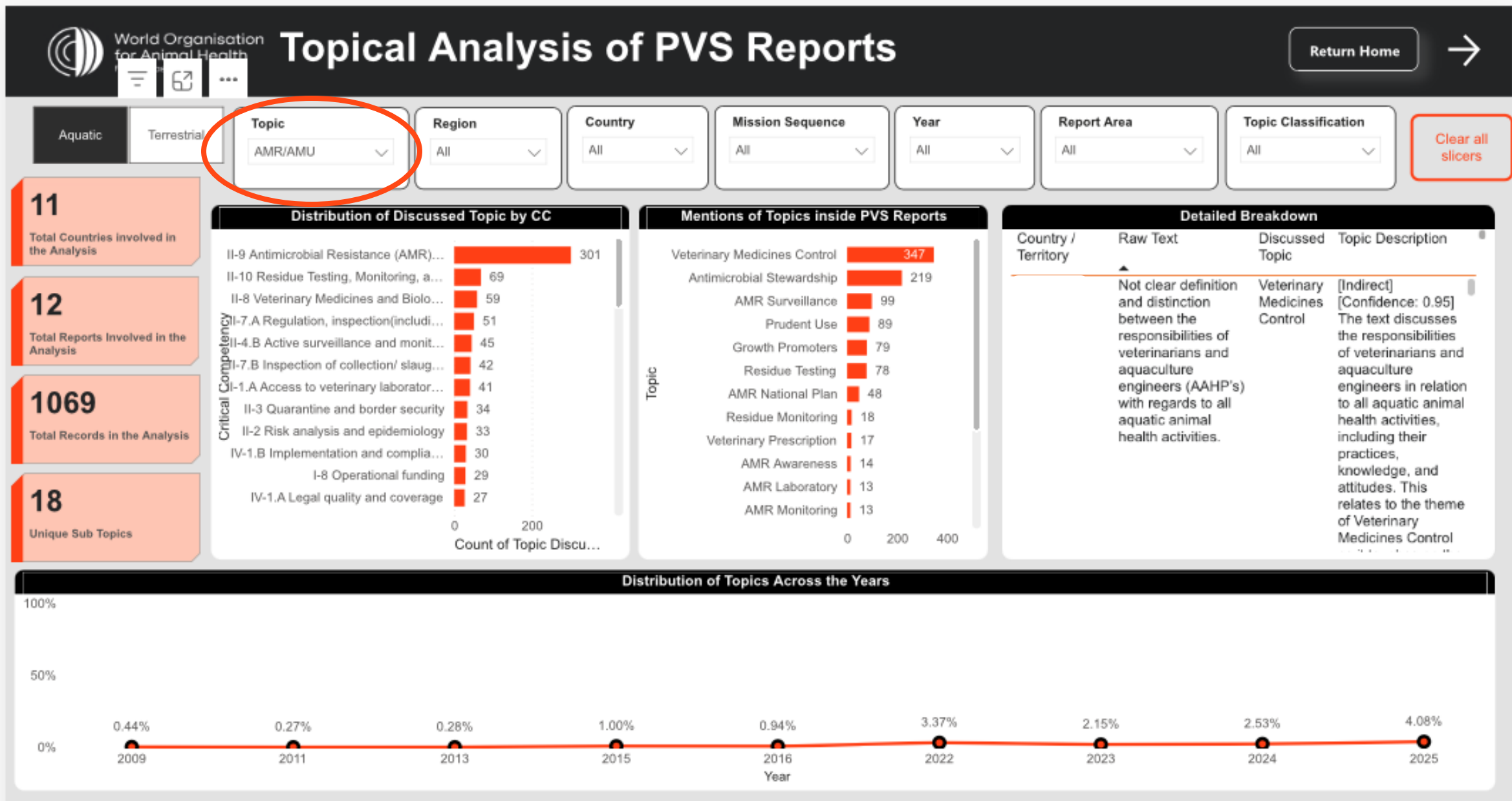




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Percentage of Countries/Territories Having LOA Score of Greater than or Equal to 3







WOAH PVSIS Home - WOA - World Organ PVS_Orientation_Caribbean: Pa

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World Organisation for Animal Health

The State of the World's Animal Health Animal Diseases 93rd General Session SEARCH

WHO WE ARE WHAT WE DO WHAT WE OFFER MEDIA WHOIS

What we offer

We oversee various programmes, both cross-sectoral ones and those focused on specific needs, to improve the capacities of Veterinary Services and Aquatic Animal Health Services. These programmes are designed to empower and guide countries in the development and implementation of sustainable national plans which go well beyond purely veterinary matters.

- Improving Veterinary Services →
 - Expertise Network
 - Safe Trade and Movement of Animals
 - Self-declared Disease Status
 - Ensuring access to quality veterinary products →
 - Emergency Preparedness
- PVS Pathway
 - Vaccine banks

To know more on the PVS Pathway - www.woah.org

Thank you

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