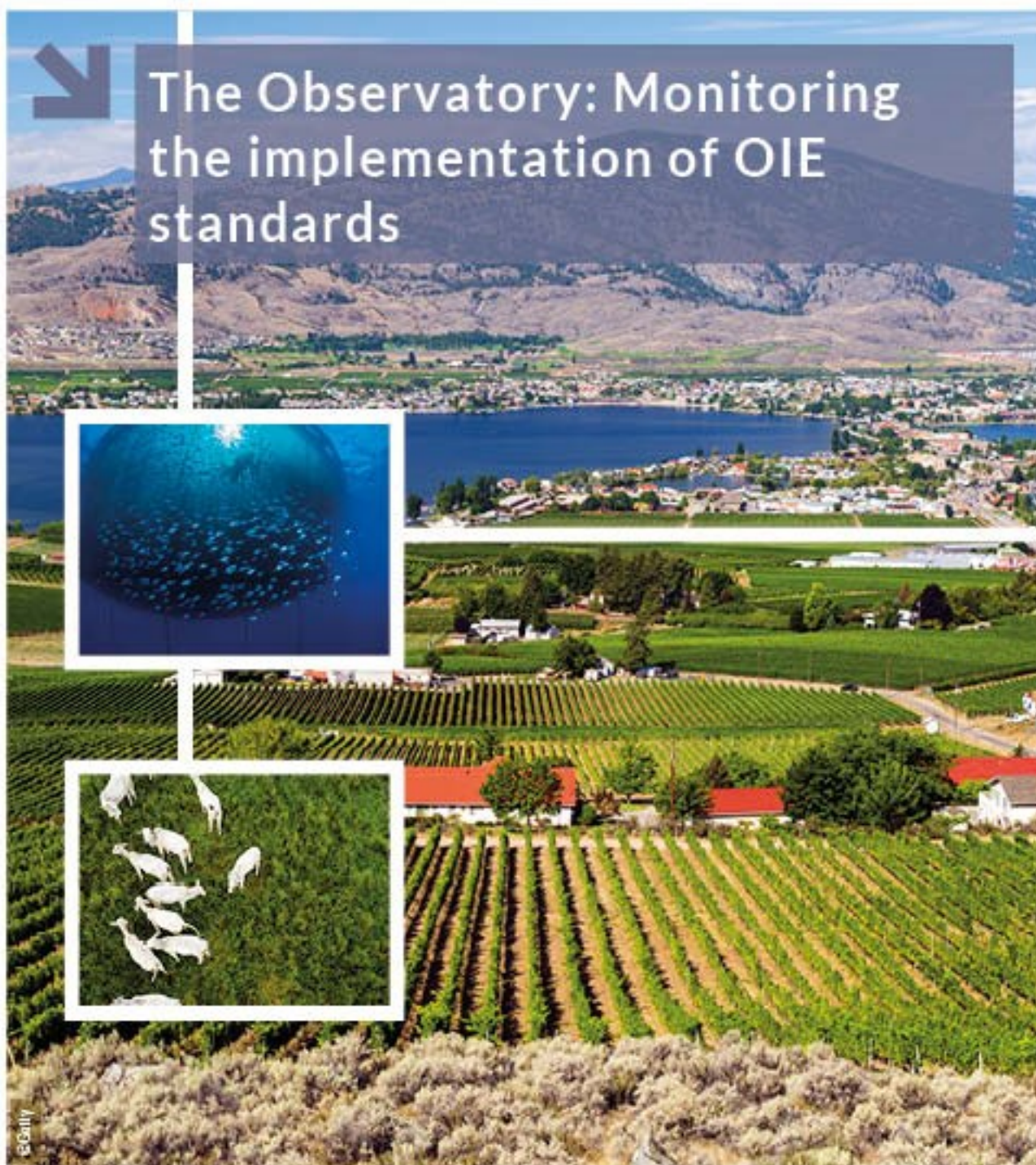


PANORAMA

Thematic portfolio



The Observatory: Monitoring the implementation of OIE standards



PERSPECTIVES

DOSSIER

AROUND THE WORLD

How can we better understand the processes developed by Members of the World Organisation for Animal Health (OIE) to implement OIE standards? How can we investigate the various challenges facing them? Finally, how can we make best use of the data sources accessible to the OIE to assist in answering both these questions? Resolving this final problem was the aim of the study presented below, which served as a prototype for the pilot phase of the OIE Observatory.

The prototype aimed to monitor the implementation of OIE standards on foot and mouth disease (FMD) in the Americas. This scenario was selected because of the history and engagement of the region in controlling this disease by applying the OIE standards.

Two aspects of the implementation of the OIE standards were analysed, based on various sources of information:

1. How well the OIE standards on the quality of Veterinary Services and disease surveillance, notification, and control were implemented
2. The impact of the OIE standards on animal health and international trade.

This article focuses on the implementation of selected surveillance and control activities, based on the [World Animal Health Information System \(OIE-WAHIS\)](#), and on the number of OIE Members with officially recognised FMD-free status from 1996 to 2020.

Figure 1 below shows the percentage of Members in the region that implemented selected surveillance and control measures in domestic animals, between 2005 and 2019. The measures most often applied were passive surveillance and precautions at borders (around 95%, on average). Active surveillance (average: 41%) and movement control (average: 54%) came next. Zoning and official vaccination were applied by 29% of Members on average.

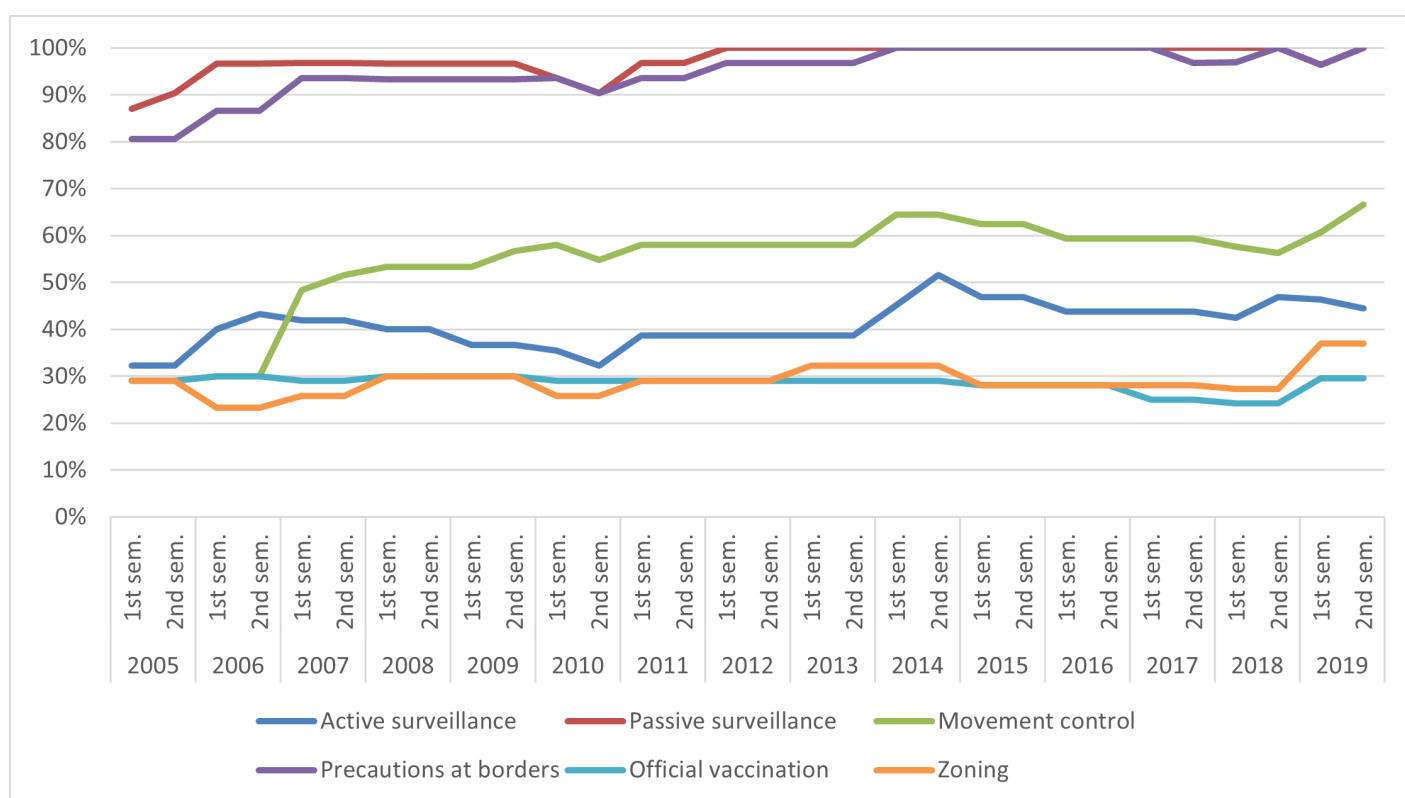


Fig. 1. Percentage of reporting Members in the Americas who implemented selected surveillance and control measures, per semester (two per year),

between 2005 and 2019

Figure 2 below shows the increasing number of disease-free Members in the region between 1996 and 2020. All Members in North and Central America and the Caribbean, and 90% of Members in South America, achieved FMD-free status in 2020. Nevertheless, suspensions of that status have occurred through the years.

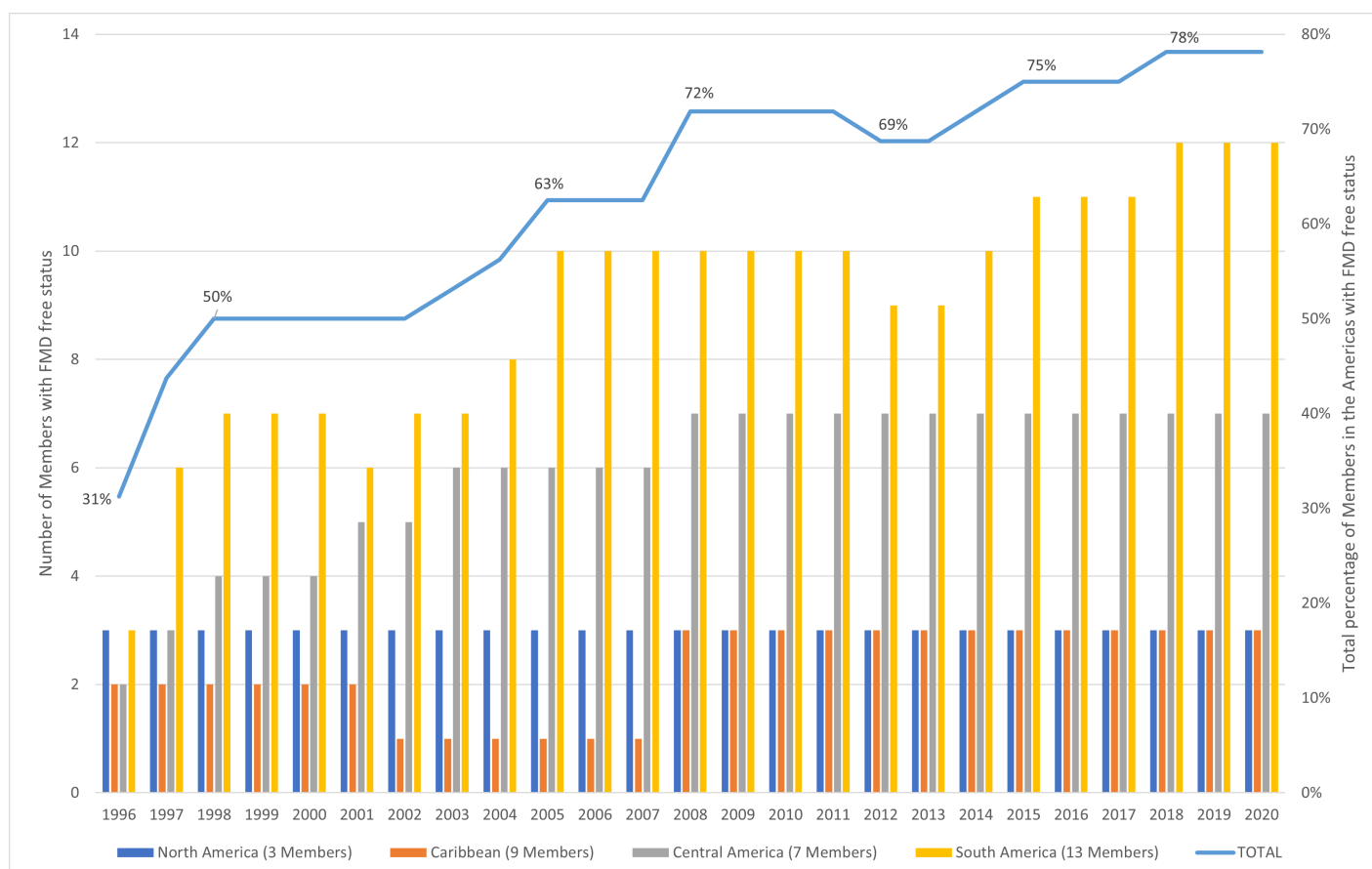


Fig. 2. Number of Members in the Americas listed as countries or zones recognised as FMD free, by year of adoption of these resolutions at General Sessions and by sub-region

This prototype approach can be extrapolated to other diseases and regions by applying robust and global methodology to the relevant data sources. Such analyses provide inputs for targeting capacity-building activities, as part of regional or global strategies. In the course of its [digital transformation strategy](#), the OIE aims to improve the quality of the data collected and their alignment with evolving standards, and to better connect the existing databases within the OIE, for improved synergies.

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DOSSIER

Implementation of the OIE standards on FMD in the Americas

Exploring the data: developing a better understanding of the implementation of OIE standards

KEYWORDS

#Americas, #disease status, #foot and mouth disease (FMD), #international standard, #OIE Observatory, #surveillance, #World Organisation for Animal Health (OIE).

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Photo by [Rickie-Tom Schünemann](#) on [Unsplash](#)

The OIE is an international organisation created in 1924 with a mandate from its 182 Members to improve animal health and welfare. Its activities are permanently supported by 329 centres of scientific expertise and 13 regional offices with a presence on every continent.



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