



**16TH CONFERENCE OF
THE OIE REGIONAL COMMISSION
FOR THE MIDDLE EAST**

3-4 NOVEMBER 2021

ANALYSIS OF THE ANIMAL HEALTH SITUATION IN MEMBERS IN THE REGION IN 2020 AND 2021

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Department

CONTENTS

Indicators of Members' reporting

Analysis of selected diseases

2020 to 13 September 2021

- Infection with peste des petits ruminants virus
- Infection with foot and mouth disease virus
- Infection with rabies virus
- Infection with high pathogenicity avian influenza viruses

21 Members and non-Members
in the Middle East Region

Overview of selected OIE-WAHIS functionalities



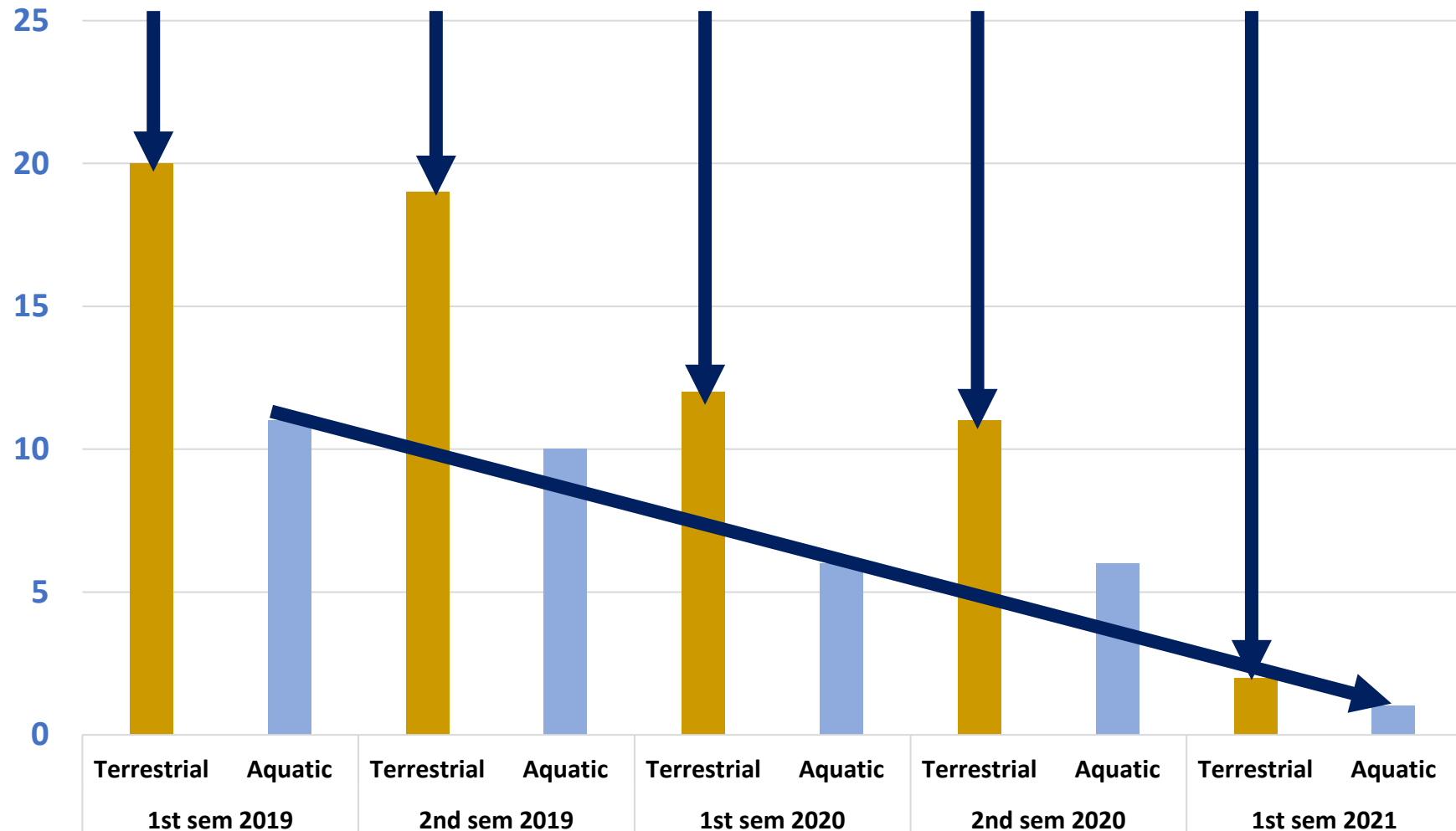
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Indicators of Members' reporting

Six-monthly reports submitted in the Region

Submission time to be improved

Submission of aquatic animal health information is an integral part of compliance with OIE standards



Indicators of Members' reporting

Immediate Notifications

44% for infection with AI viruses
(subtype H5N8)

Other 7 diseases:

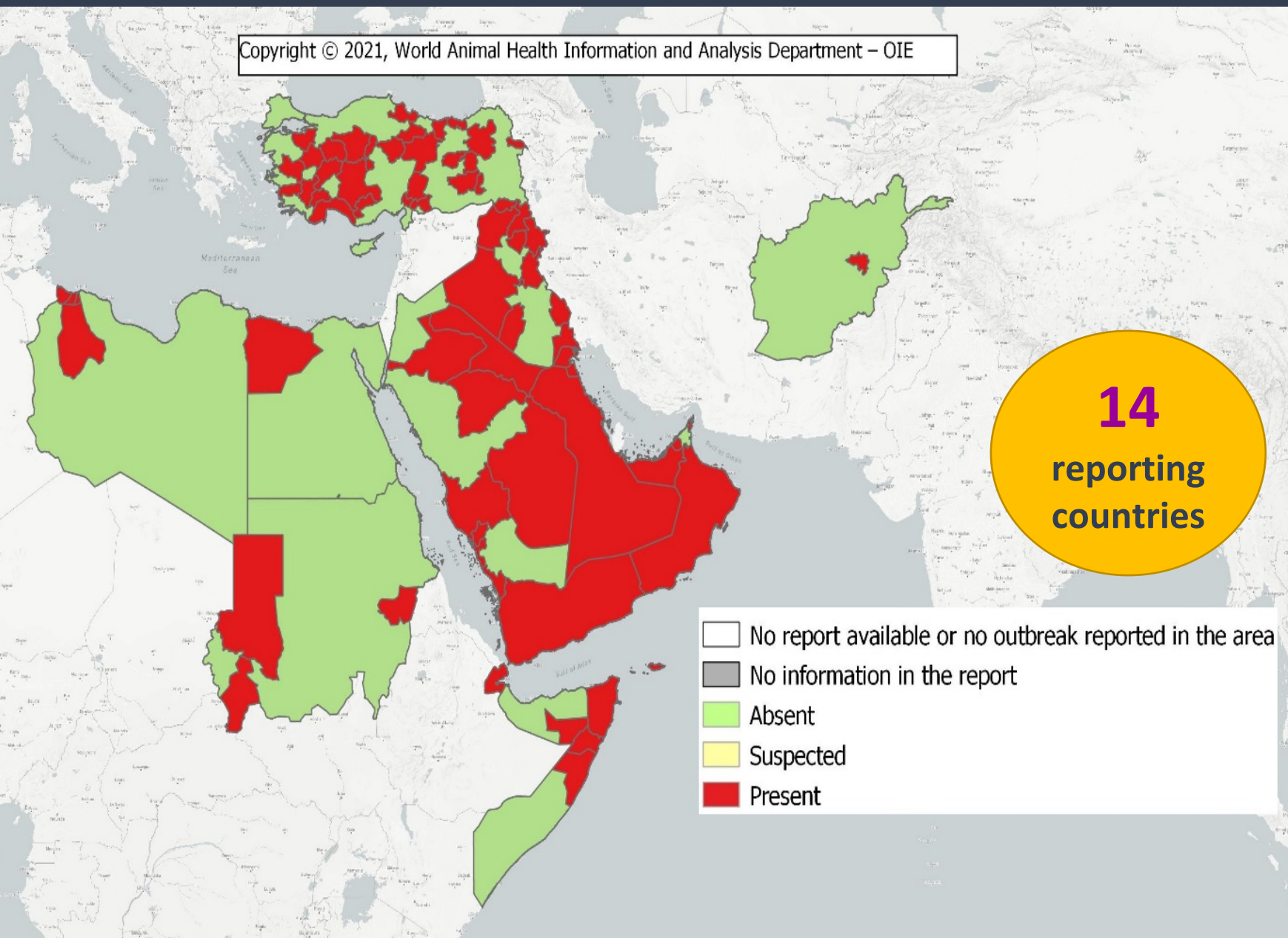
- Anthrax
- Infection with *B. Abortus*
- Infection with FMD virus
- Inf. with koi herpesvirus
- Infection with LSD virus
- Infection with PPR virus
- Infection with RVF virus

18

2020 to 13 September 2021

Infection with PPR virus

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One immediate notification reported by Libya

Present in 11 countries, very good quality of information provided

Absent in 3 countries. Cyprus has OIE PPR-free status

Official vaccination reported by 70% of countries (10)

Only limited information available on the PPR situation in wildlife

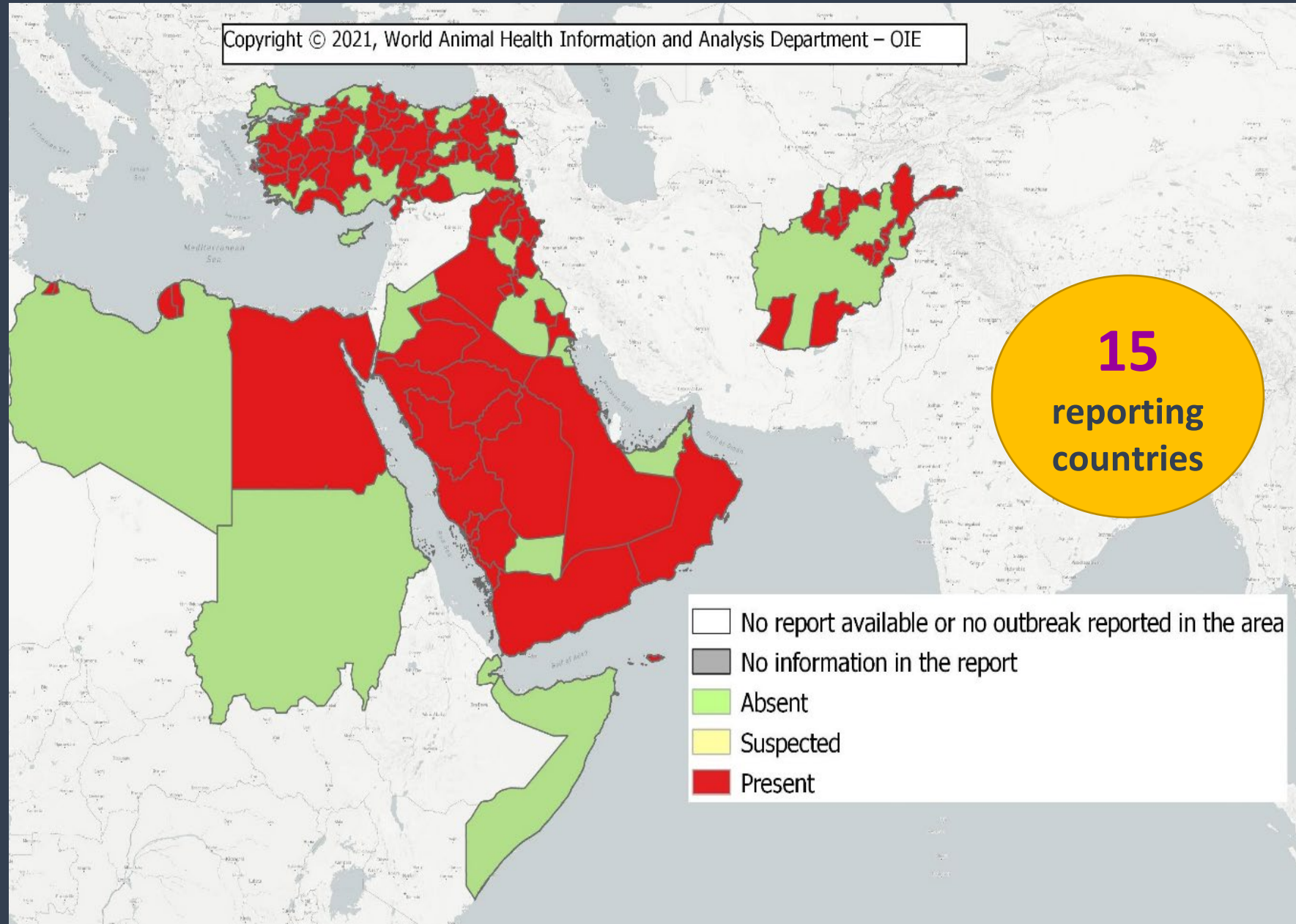
Infection with FMD virus

2 immediate notifications reported (Libya, serotypes A and O)

Present or suspected in 8 countries (O, A Asia 1)

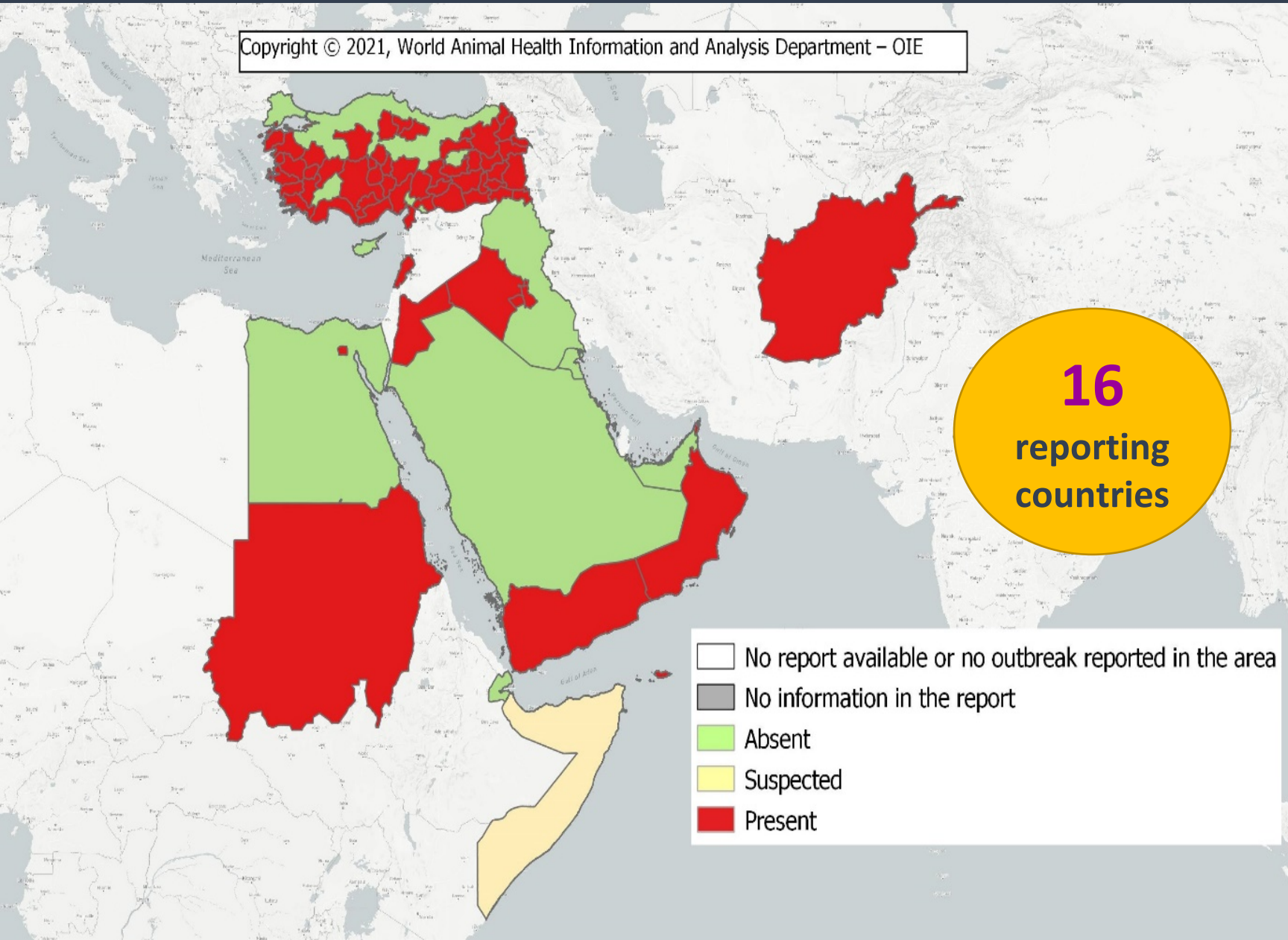
12 countries reported having some surveillance in place (general/targeted surveillance, monitoring, screening)

Official vaccination reported by 11 (73%) countries; Cyprus reported vaccination as prohibited



Infection with rabies virus

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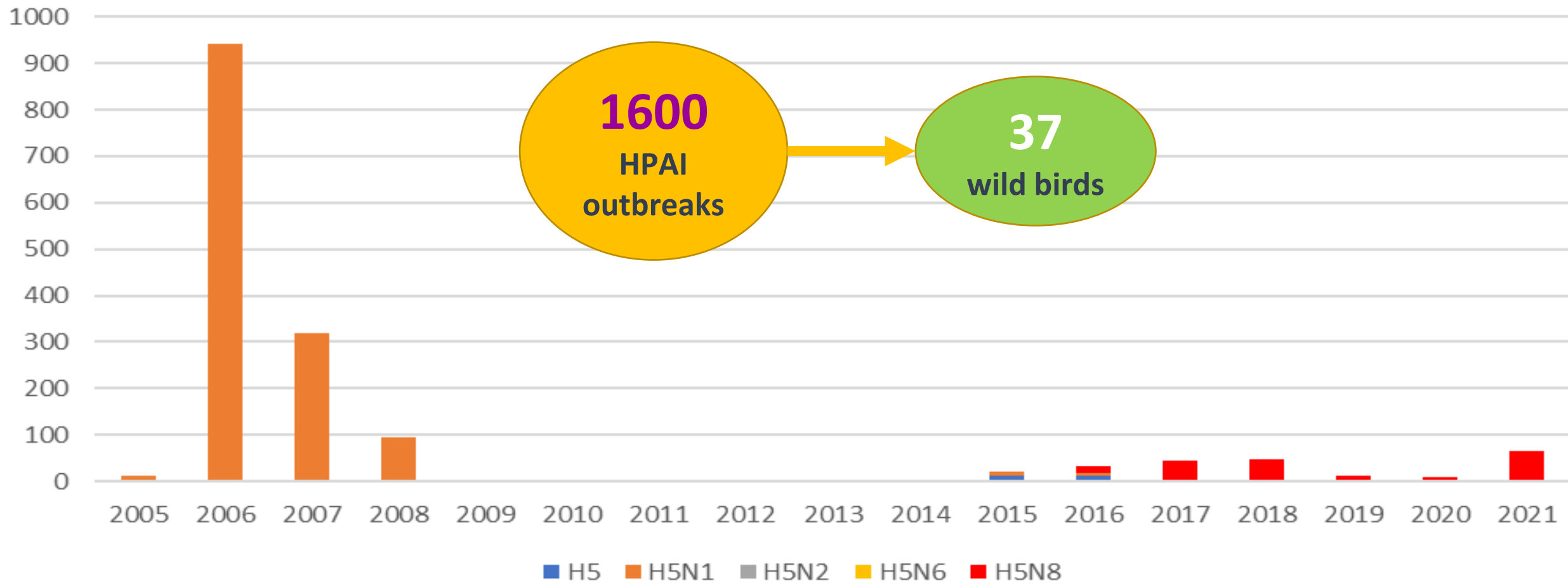
Both extremes of case occurrence exist, from zero (Bahrain, Cyprus, Kuwait, and Qatar) to high

Present in 10 countries and only five reported official vaccination

Little evolution since last Conference

Several initiatives and mechanisms, in line with the Global Strategic Plan to end human deaths from dog-mediated rabies by 2030

Infection with HPAI viruses: subtype dynamics

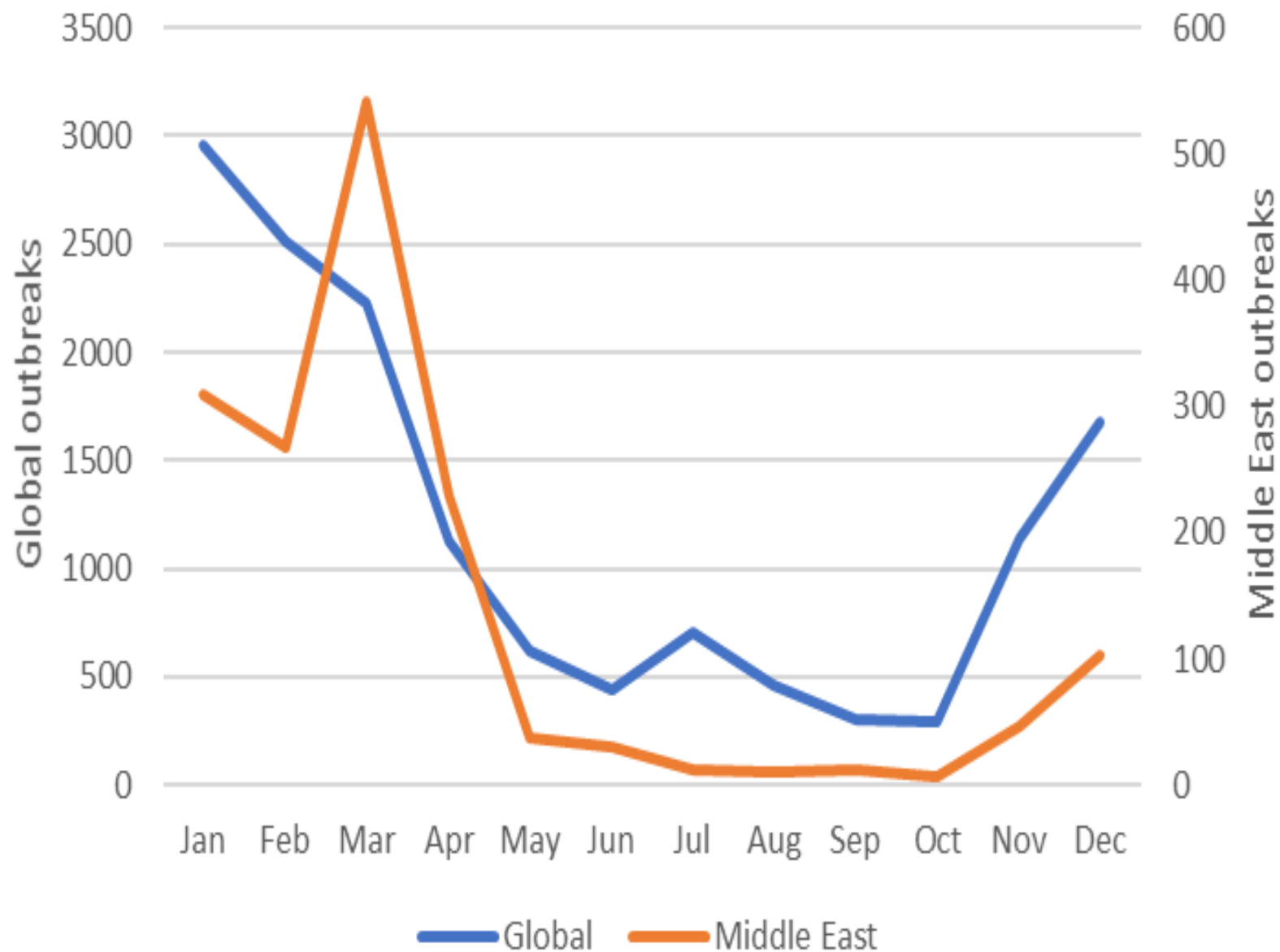


2005-2008: H5N1 the only circulating subtype

2009 - 2014: very few outbreaks reported

Since 2016: H5N8 progressively becomes the dominant subtype.

HPAI: disease seasonality



Most of the outbreaks reported in winter, with a peak in March (global curve) or in January (Middle East curve)

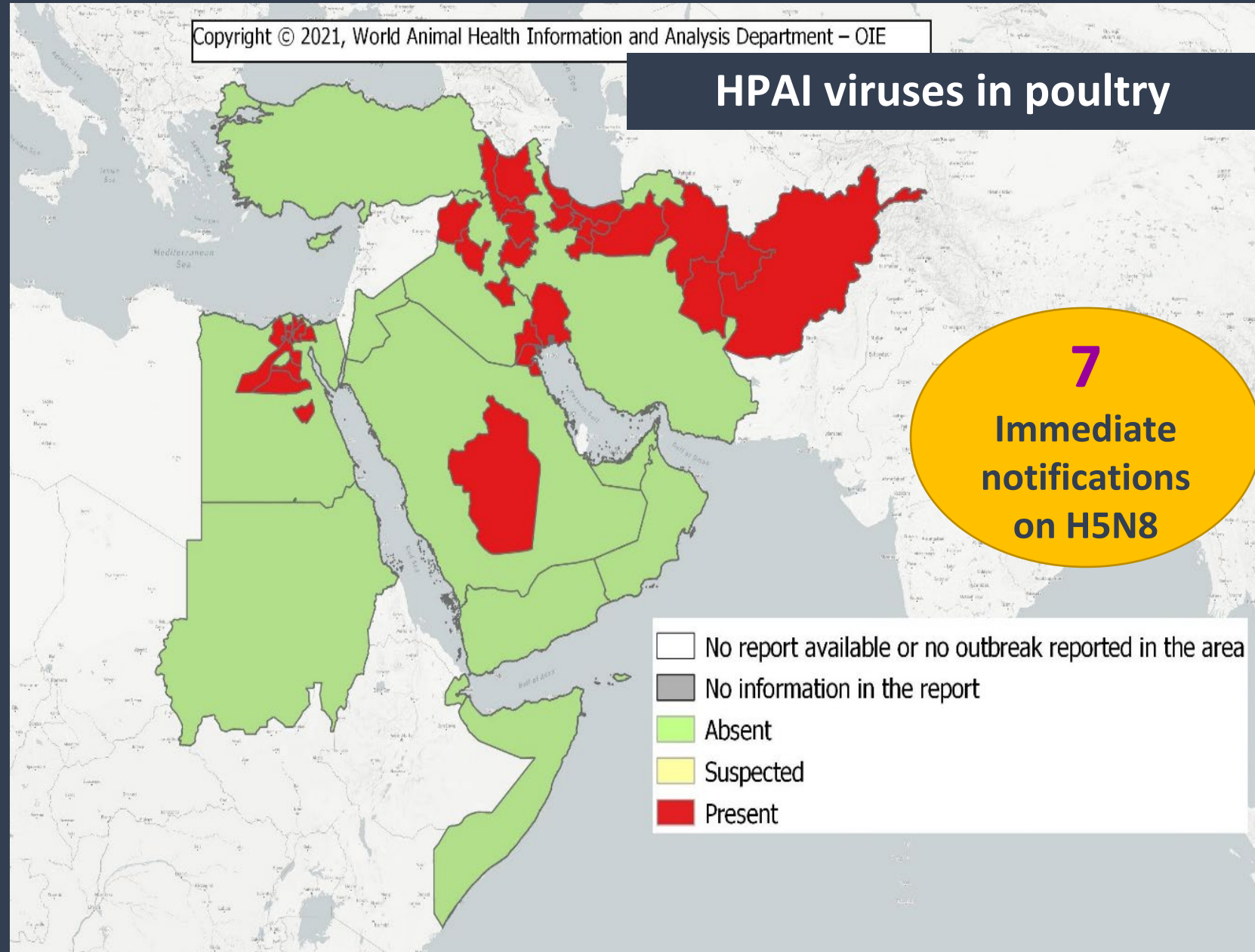
In autumn, start of the “epidemic” period in October for both the global and Middle East curves.

Infection with HPAI viruses

Present in 6 countries

Seven immediate notifications reported by 5 Members

H5N8 subtype reported in all the immediate notifications



Infection with HPAI viruses

HPAI viruses in non-poultry including wild birds

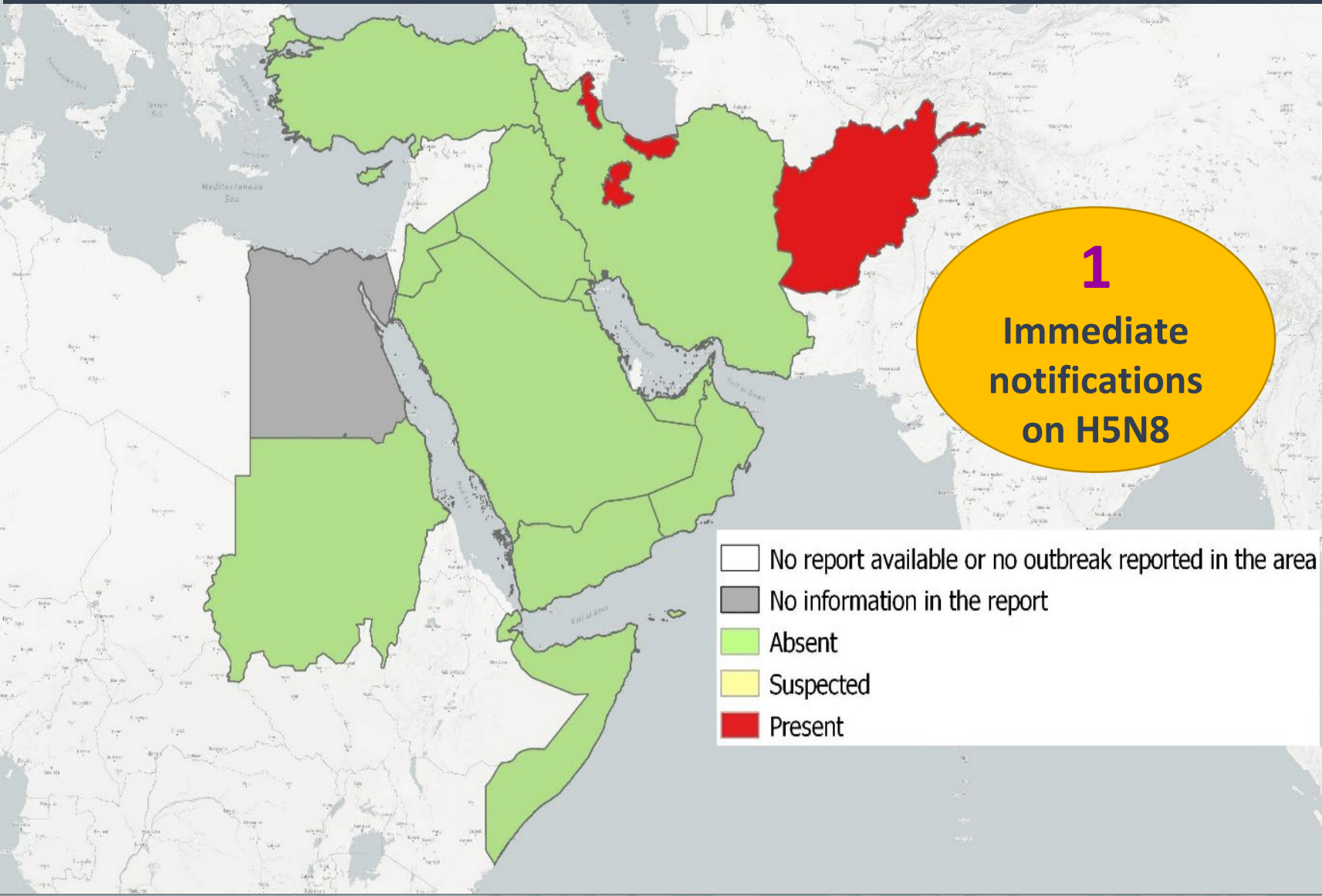
Present in 2 countries

One immediate notification reported by one Member involving H5N8 subtype

Occurrence and geographic distribution in poultry and in non-poultry including wild birds are apparently very different

Limited number of outbreaks in wildlife

Lack of proper surveillance in wildlife?



OIE-WAHIS functionalities

Immediate
notifications
and Follow-
up reports

1917
IN/FUR

Six-monthly
reports

279
6MRs

Public
Interface
(Analytics,
dashboards,
maps)

5000
Visits/day

Country
back-office

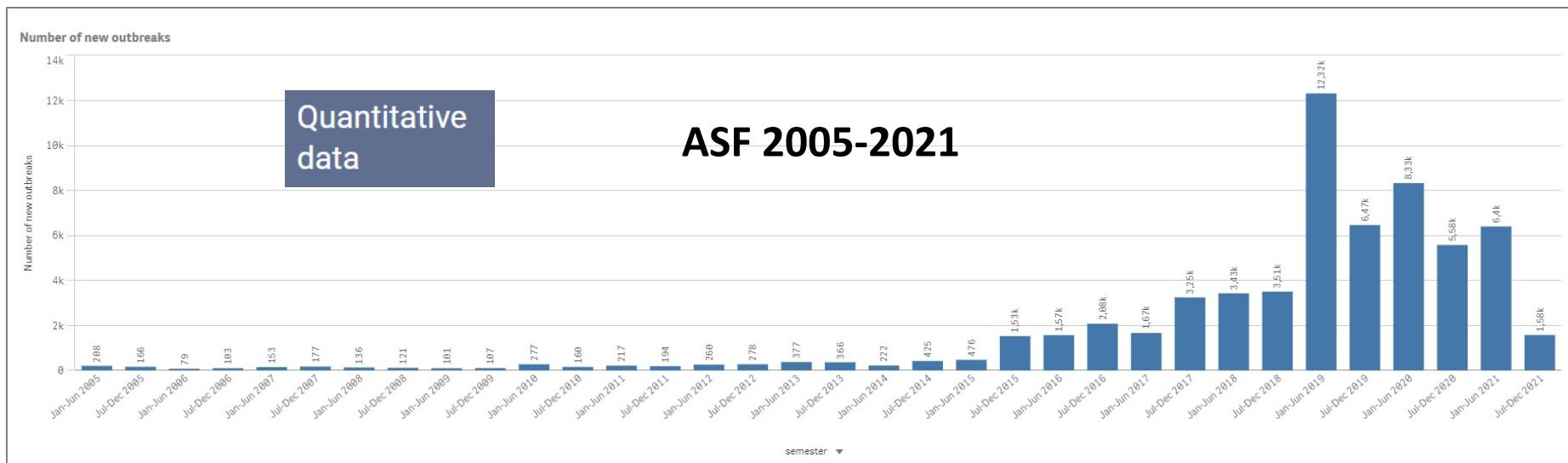
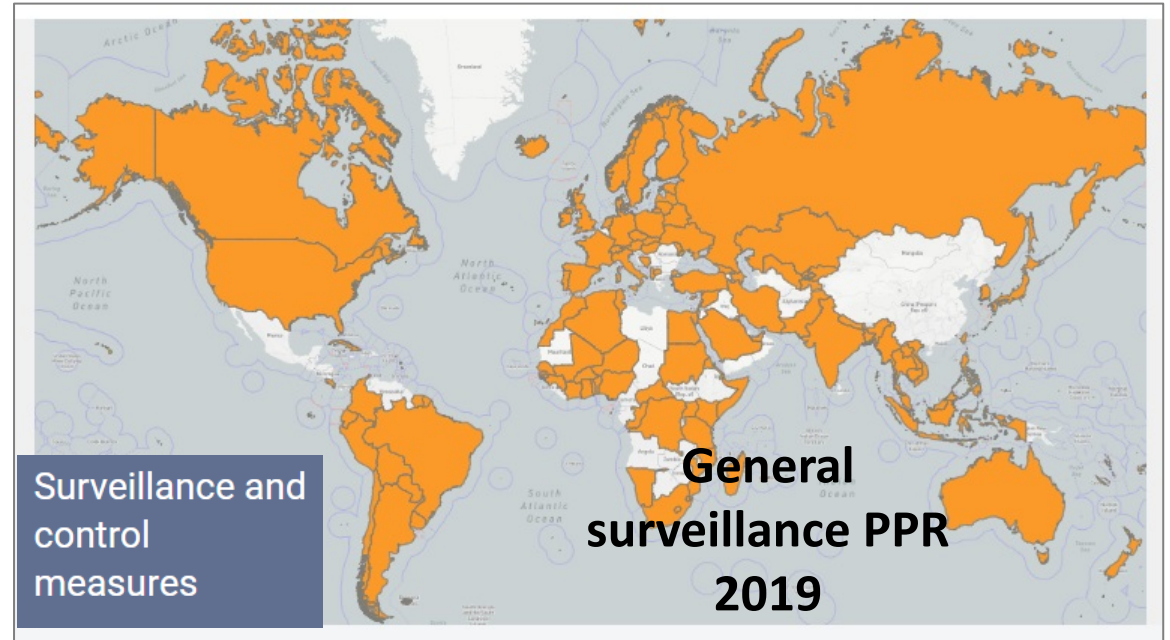
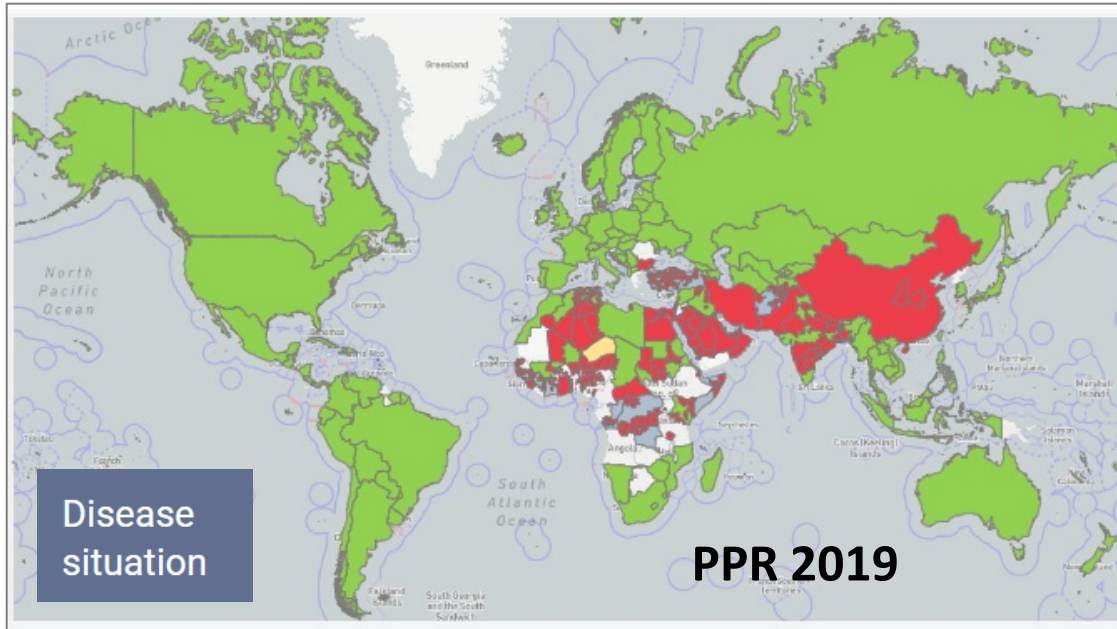
wahis-support@oie.int

information.dept@oie.int

Public interface: Home Page of OIE-WAHIS

<input type="checkbox"/>	COUNTRY/TERRITORY ▲	WORLD REGION ▲	EVENT ID ▲	DISEASE ▲	GENOTYPE/ SEROTYPE/ SUBTYPE ▲	REASON OF NOTIFICATION
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ALL SELECTED ▾	8 SELECTED ▾	ALL SELECTED ▾	ALL SELECTED ▾	ALL SELECTED ▾	ALL SELECTED ▾
<input type="checkbox"/>	Cambodia	Asia	evt_3767	Lumpy skin disease virus (Inf. with)	-	First occurrence in the cou
<input type="checkbox"/>	Norway	Europe	evt_3868	Rabbit haemorrhagic disease	RHDV2	Recurrence
<input type="checkbox"/>	Italy	Europe	evt_4017	Highly pathogenic avian influenza (poultry)	H5N1	Recurrence
<input type="checkbox"/>	United Kingdom	Europe	evt_4030	Highly pathogenic influenza A viruses (Inf. with)(non-poultry including wild birds)(2017-)	H5N1	Recurrence
<input type="checkbox"/>	Russia	Europe	evt_3821	African swine fever virus (Inf. with)	-	Recurrence
<input type="checkbox"/>				Highly pathogenic avian		

Public interface: Analytics functionalities



 **Export Data**

Back-office homepage for your own country



Click to access reports

Navigation ✕

Dashboard ^

Sanitary Overview

Disease situation

Quantitative data

Surveillance and control

measures

EVENT (IN/FUR) v

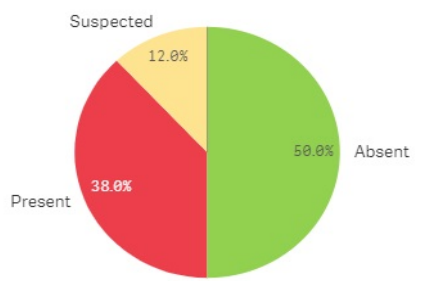
Six - Monthly Report v

E-Learning

Other Specific Reports v

Back-office: Analytics functionalities

Status of terrestrial diseases



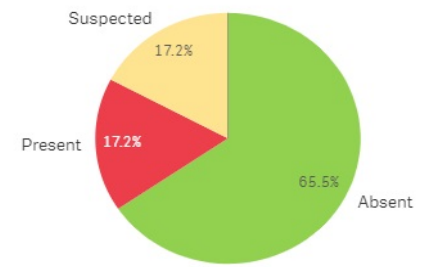
No information

Absent/Never reported

Suspected

Present

Status of aquatic diseases





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3-4 NOVEMBER 2021

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Thank you for your attention
Merci de votre attention
Muchas gracias por su atención

Dr Paula Caceres

**Head of World Animal Health Information and
Analysis Department**