



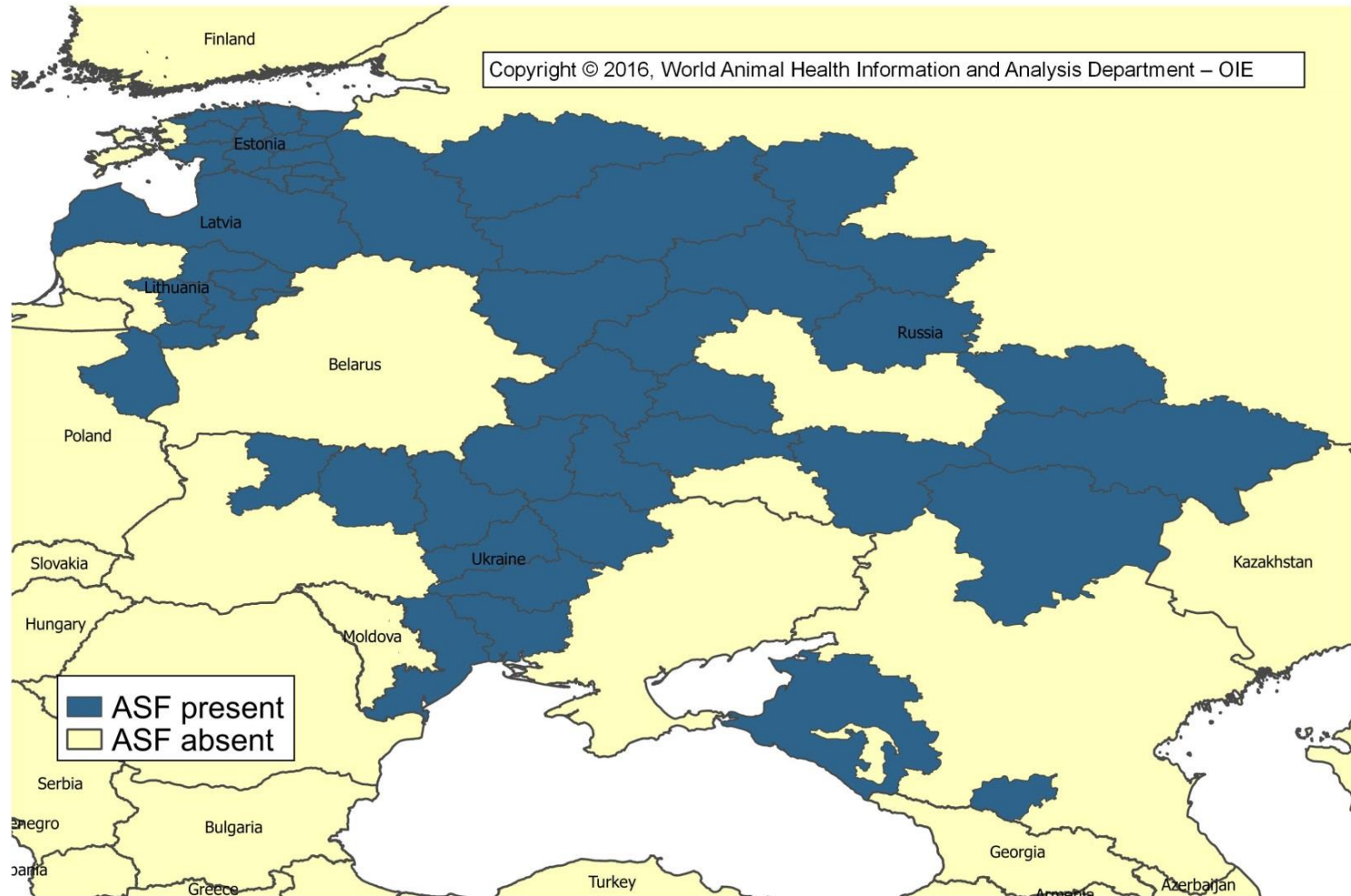
Tendencies of ASF spread in non-EU countries

Prof. K.Lukauskas - head the OIE RR for Europe

African swine fever in Caucasus and Eastern Europe: reintroduction in 2007 and further spreading through the region



African swine fever in Caucasus and Eastern Europe: reintroduction in 2007 and further spreading throughout the region



ASF epidemic situation in the Russian Federation, 2017

(OIE data; N = 188 as of 31.12.2017)

Number of outbreaks by region and population:

Belgorod obl.: livestock - 2 wild - 8	Omsk obl.: livestock - 29 wild - no
Vladimir obl.: livestock - 20 wild - 7	Orel obl.: livestock - no wild - 1
Volgograd obl.: livestock - 19 wild - 2	Pskov obl.: livestock - 1 wild - no
Voronezh obl.: livestock - 1 wild - no	Chuvash Rep.: livestock - no wild - 1
Ivanovo obl.: livestock - 3 wild - 2	Rostov obl.: livestock - 4 wild - no
Irkutsk obl.: livestock - 1 wild - no	Samara obl.: livestock - 2 wild - no
Kaliningrad obl.: livestock - 1 wild - 6	Saratov obl.: livestock - 46 wild - 4
Krasnodar kraj.: livestock - 2 wild - no	Tambov obl.: livestock - 1 wild - no
Krasnoyarsk kraj.: livestock - 1 wild - no	Tyumen obl.: livestock - 1 wild - no
Moscow obl.: livestock - 4 wild - 1	Chelyabinsk obl.: livestock - 1 wild - no
Nizhny Novgorod obl.: livestock - 2 wild - 13	Yamalo-Nenetsky a.o.: livestock - 1 wild - no
Novgorod obl.: livestock - 1 wild - no	

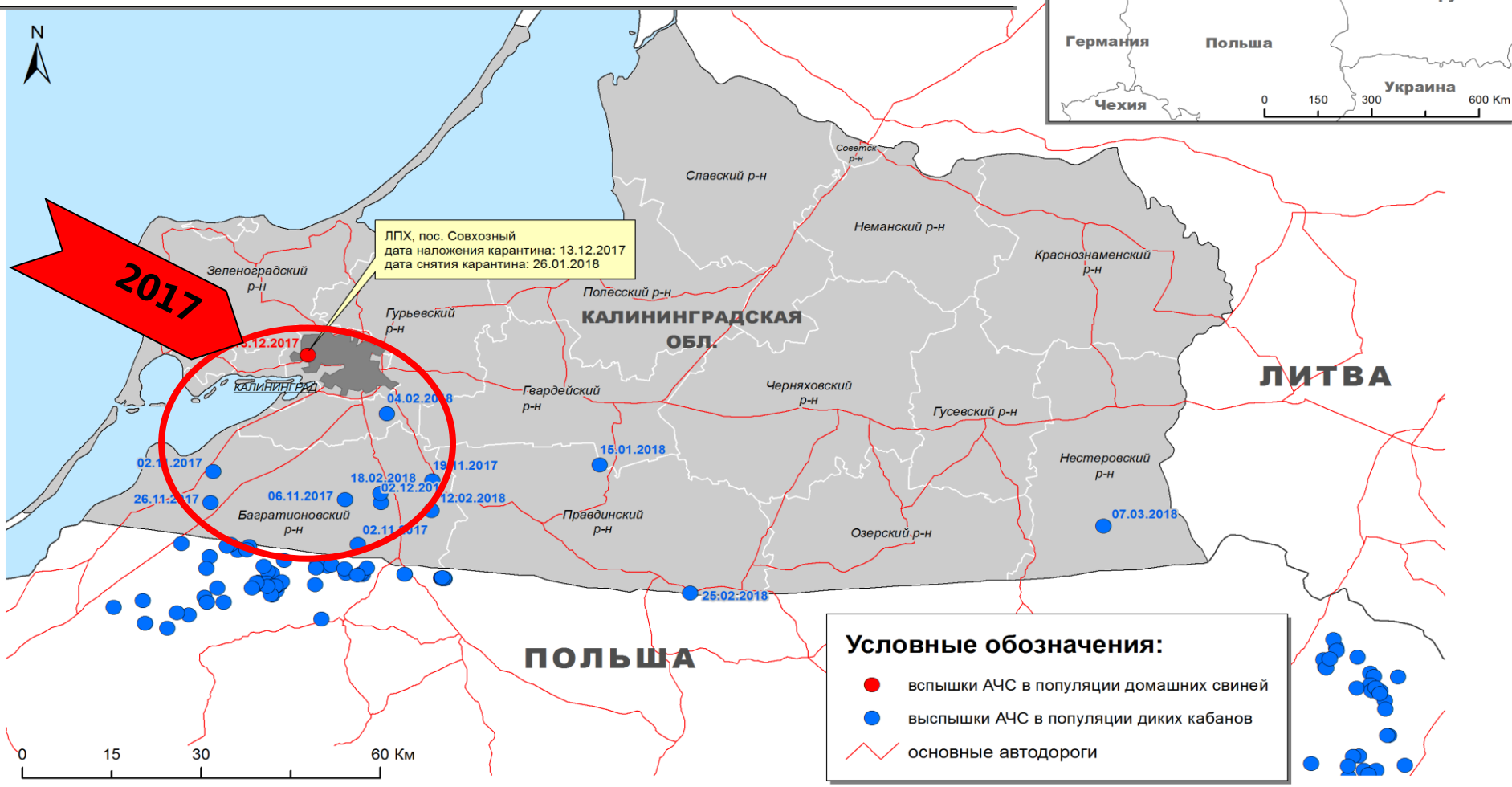
ASF outbreaks:

- in livestock pigs (N = 143)
- in wild boars (N = 45)



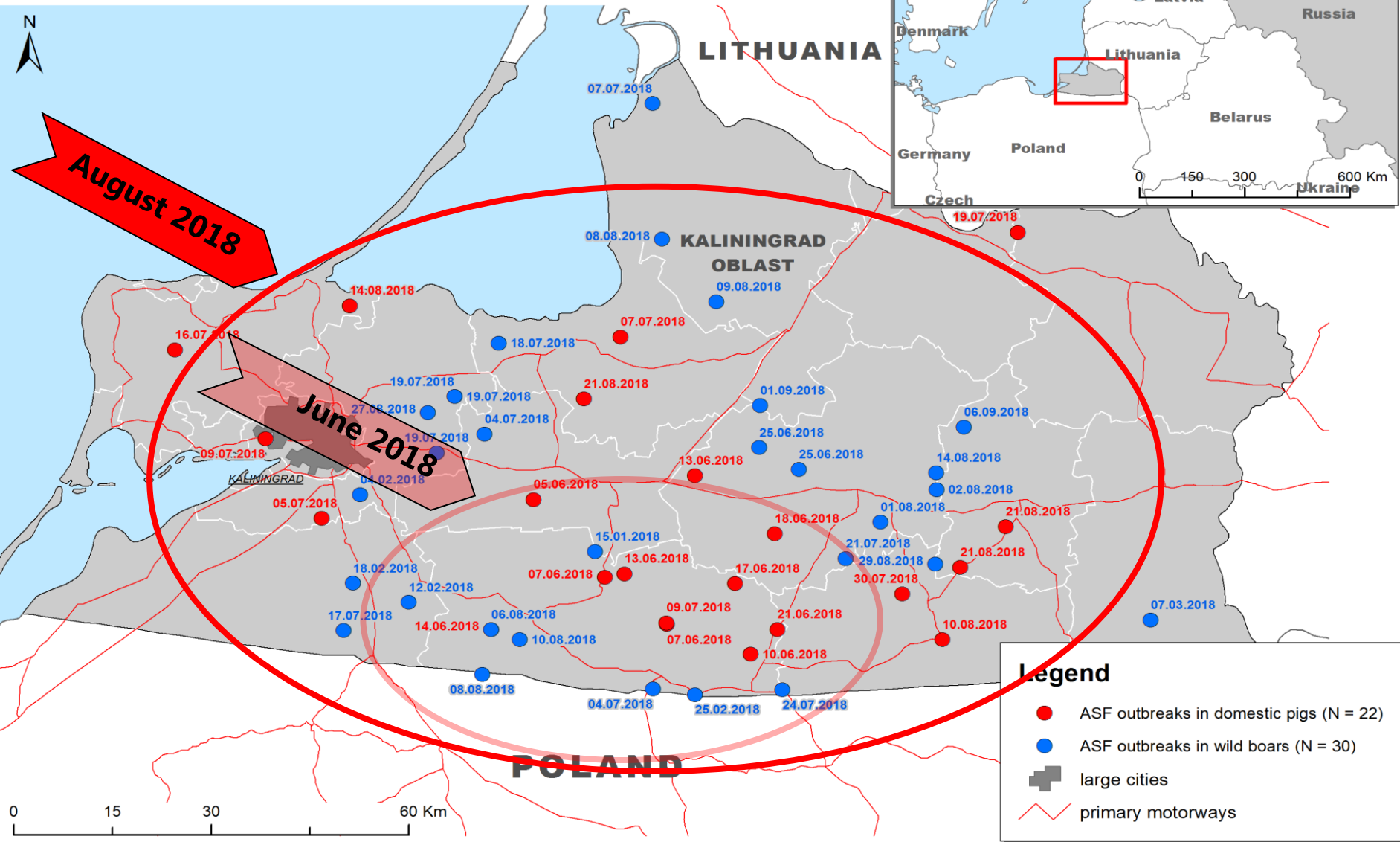
ASF outbreaks in Kaliningrad oblast and neighboring countries, 2017-2018

OIE data on 26.04.2018



ASF outbreaks in Kaliningrad oblast, 2018

N = 52 as of 24.09.2018



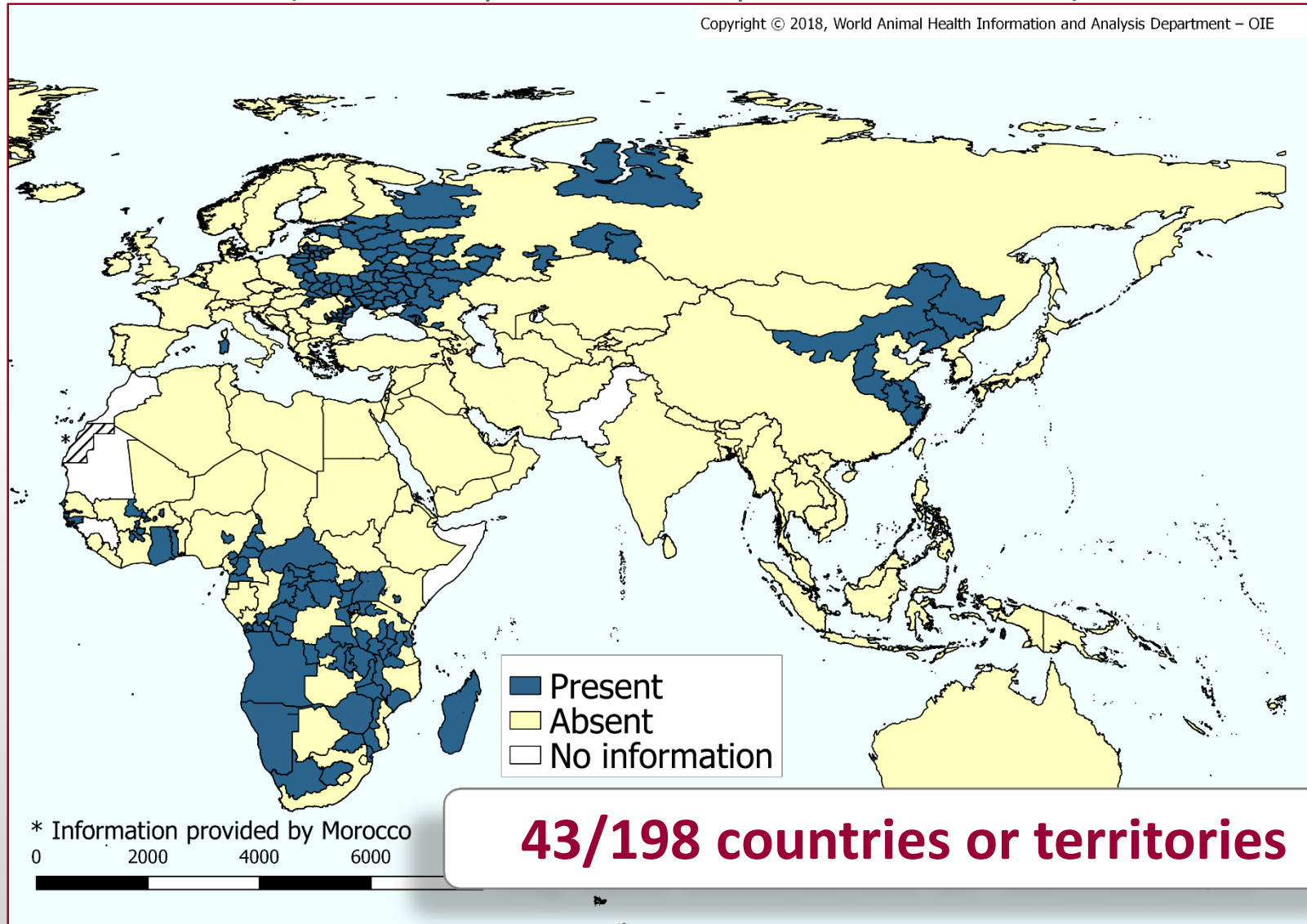
Legend

- ASF outbreaks in domestic pigs (N = 22)
- ASF outbreaks in wild boars (N = 30)
- large cities
- primary motorways

Global situation 2016 - 2018

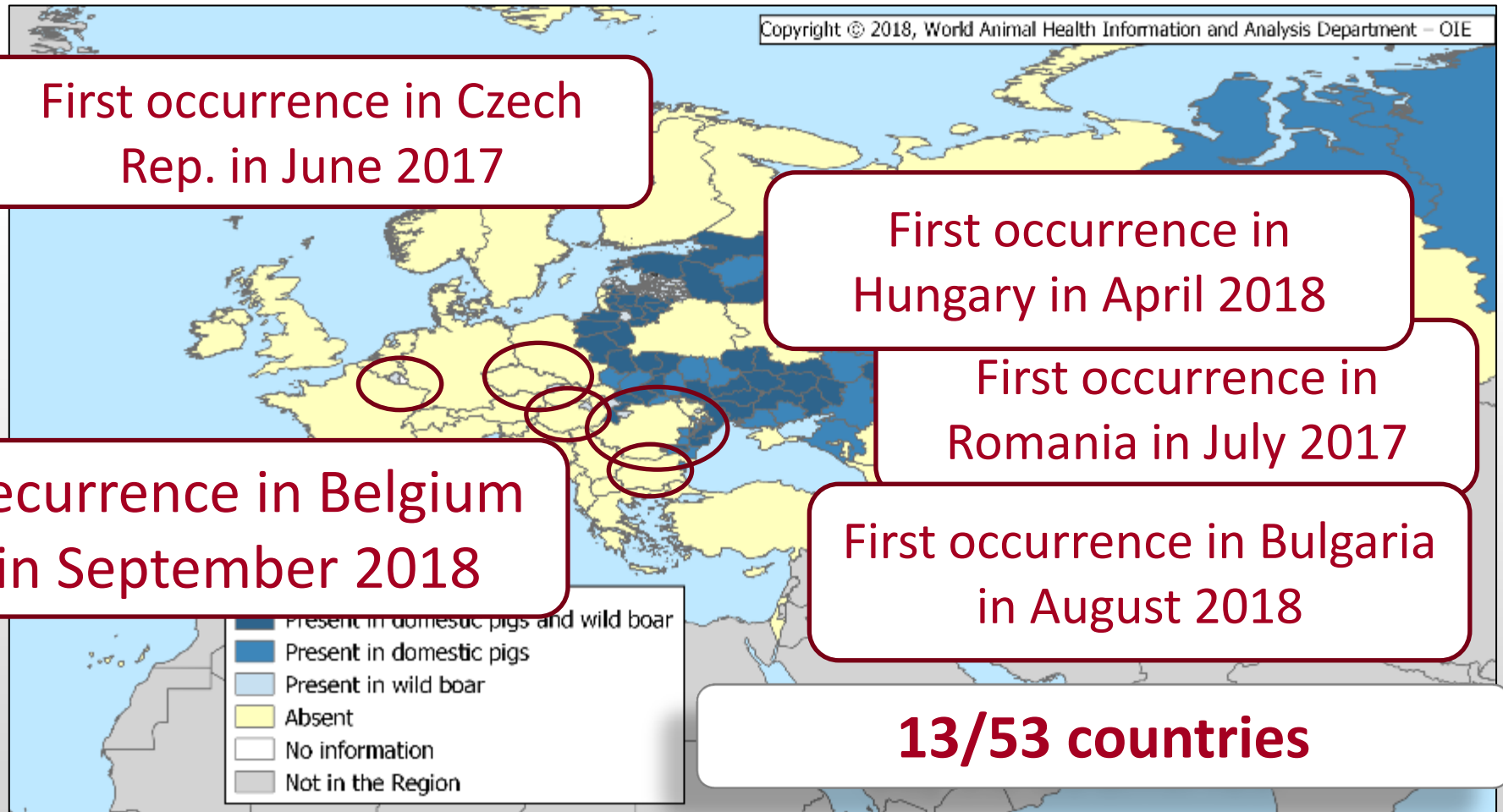
(based on reports received up to 19 October 2018)

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Distribution of ASF in Members of the OIE Regional Commission for Europe in 2017 and 2018

(based on reports received up to 19 October 2018)



Spatial distribution of outbreaks in Europe 2007-2018 vs 2017-2018

8,500

2007-2018

6,700 outbreaks
Wild boars

1,400 outbreaks
Backyard pigs

400 outbreaks
Commercial pigs

2017-2018

4,000 outbreaks
Wild boars

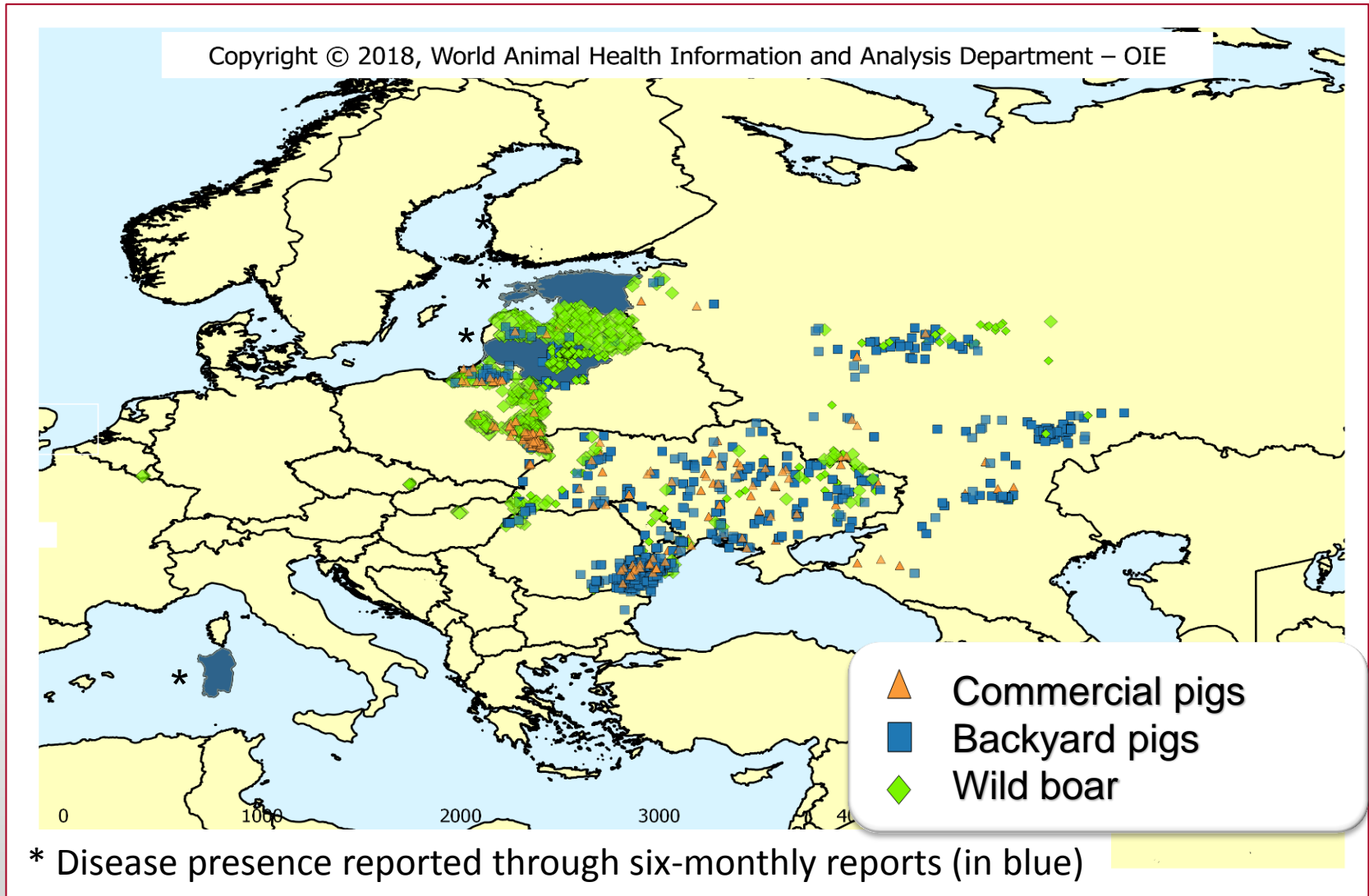
1,000 outbreaks
Backyard pigs

250 outbreaks
Commercial pigs

62%
(5,250)

Situation of ASF in Europe 2017-2018

(outbreaks reported in 2017-2018 in commercial pigs, backyard and wild boar)



Regular updates

The map of China and their quantitative data is updated on a weekly basis and published in the Asian RR website:

<http://www.rr-asia.oie.int/news/read/article/situationl-updates-and-information/>



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10/22/18 03:27
Situationl Updates and Information

on Preparedness and Surveillance of African Swine Fever (ASF)



1. The current situation of ASF in People's Republic of China as of 19 October

Province	Last outbreak (event submitted by the country)	N° of Outbreaks	Date of last event	Population affected (cows)			Total and affected
				Susceptible	Cows	Dead	
Anhui	14/01/2018	8	21/09/2018	1979	706	380	2233
Heilongjiang	14/01/2018	2	05/09/2018	290	65	22	357
Henan	28/01/2018	3	14/09/2018	1815	178	98	2091
Inner Mongolia	28/01/2018	4	02/09/2018	522	57	48	628
Japan	14/01/2018	2	12/09/2018	54763	822	0*	55585
Shanxi	28/01/2018	2	11/09/2018	108	64	0*	172
Yunnan	12/01/2018	11	02/09/2018	2064	2242	2012	7318
Zhejiang	13/01/2018	1	18/10/2018	210	292	181	493
Others	14/01/2018	1	14/10/2018	999	2	4	1005
Cholera	07/01/2018	1	17/08/2018	1184	400	245	1629
Total	66	46	04/09/2018	47 760	4 790	3 130	56 680

Please refer to WAHIS for the latest information.

2. Key Messages

In the absence of an effective vaccine against African Swine Fever virus, prevention in countries free of the disease depends on stringent import policies, ensuring that neither infected live pigs nor pork products are introduced into areas free of ASF. This includes ensuring proper disposal of waste food from aircraft, ships or vehicles coming from infected countries and enhance biosecurity measures in particular in backyard or non-commercial pig farms.

- In order to prevent introduction of ASF into your country:
 - Early detection and appropriate biosecurity are the main tools to prevent and control the spread of African Swine Fever virus.
 - Strengthen border vigilance activities such as strict enforcement of biosecurity and quarantine at all entry points into the country. Inspection and quarantine of all live pigs and pig products entering the country.
 - Enhance awareness among all pig producers and other stakeholders (e.g., anyone involved in pig

Alerts - Disease Information

Worldwide Alerts ◀ ▶

+ LATEST NEWS ON ANIMAL DISEASES

Animal Health Information (WAHIS)

Regional Animal Health Information (ARAHIS)

Aquatic Disease Information

GF-TADs

Animal Welfare

OIE Delegates' Secure Access System

Forthcoming Regional Events

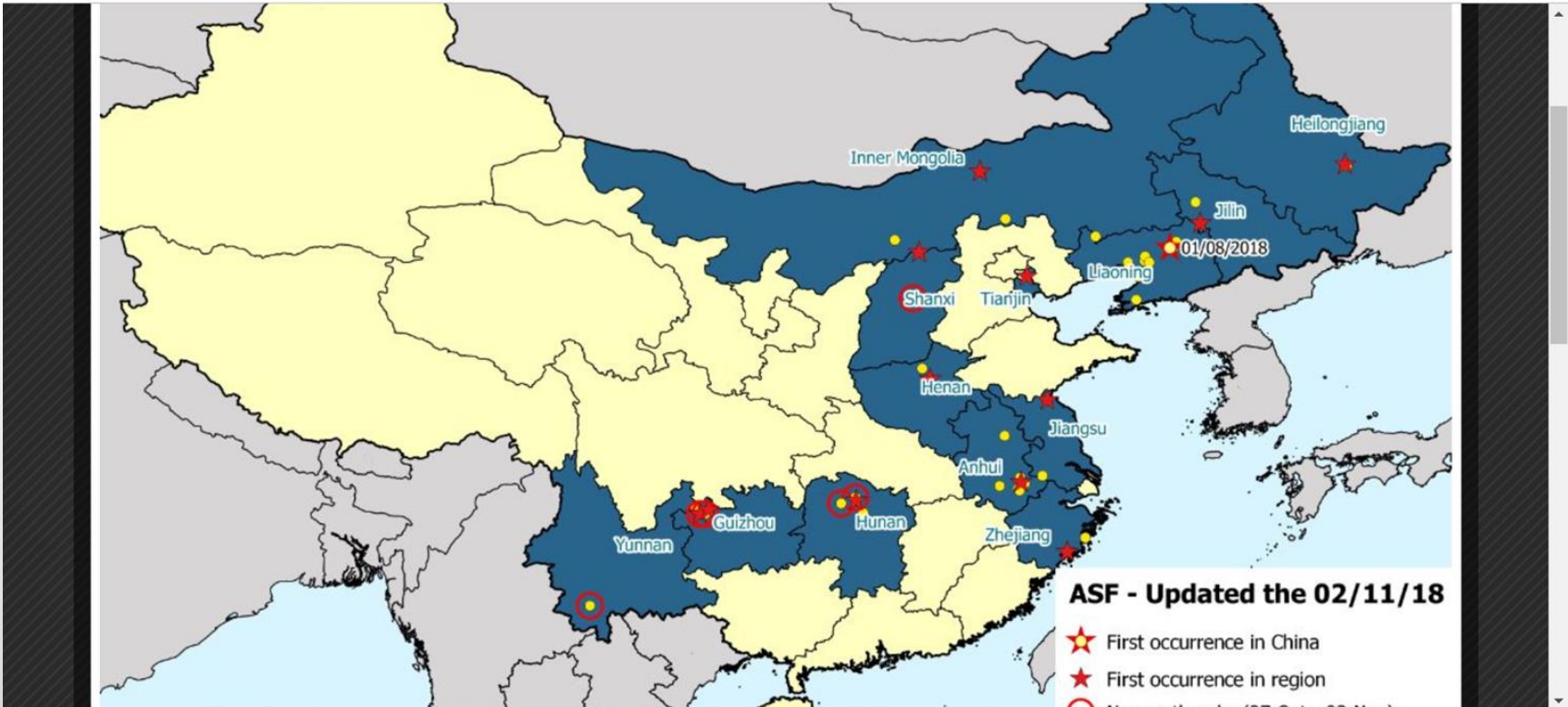
10/04/18 **2nd Regional Workshop on Veterinary Education Establishments and Veterinary Statutory Bodies**
Tokyo, Jpan, 19-20 November 20

10/04/18 **Regional Meeting to Accelerate Prevention and Control of Neglected Foodborne Parasitic**

Dynamic of ASF in China

(01/08/2018 to 19/10/2018)

Province	N° of Outbreaks	Susceptible	Cases	Dead	Killed and disposed of
Anhui	8	2 679	706	380	2 299
Heilongjiang	2	290	65	22	268
Henan	2	3 893	178	94	3 799
Inner Mongolia	4	922	57	48	874
Jiangsu	2	14 783	627	97	14 686
Jilin	2	528	64	59	469
Liaoning*	21	73 808	2 385	2 065	71 743
Tianjin	1	639	292	189	450
Shanxi	1	160	7	4	156
Zhejiang	1	1 864	430	340	1 524
Total	44	99 566	4 811	3 298	96 268



Regular updates

A weekly ASF report with the details of quantitative data provided during the week is updated in the OIE website <http://www.oie.int/en/animal-health-in-the-world/animal-diseases/african-swine-fever/>

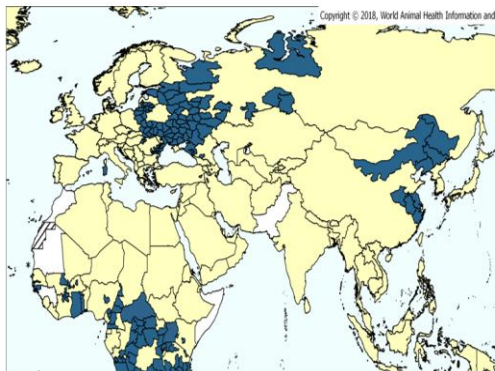
African Swine Fever (ASF)
Report N°1: 2016 – 2018 (04/10/2018)
World Animal Health Information Department



GLOBAL SITUATION OF ASF

This report presents an historical overview on the situation of ASF. The ASF events reported to through the World Animal Health Information System, WAHIS from 2016 to 2018 were included; as significant increase in the amount of outbreaks was identified. The disease is present in the Africa recently, the Asian continent. It has never been reported in America or Oceania. Since 2016, 22% of territories (43/198) have reported the disease as present¹. In Europe, the disease occurred for the first time in September 2016, then in June 2017 in Czech Republic, followed by Romania in July 2017 and Moldova and Bulgaria, in April and August 2018 respectively. A recurrence of the disease in wild boars has been reported in September 2018 (last event occurred and was resolved in 1985). In Asia, the disease was reported in China in August 2018.

The distribution of the disease since 2016 is illustrated in Figure 1.



African Swine Fever (ASF)
Report N°2: September 28 – October 4, 2018
World Animal Health Information Department



ASF SITUATION

This report presents an overview of the ASF events with ongoing outbreaks notified through the OIE's Early Warning System (IN/Immediate and FUR/Follow-up reports) by its Members. This information is publicly available¹. A classification of the affected population (by backyard and wild boar) was made considering their different roles in the epidemiology of the disease.

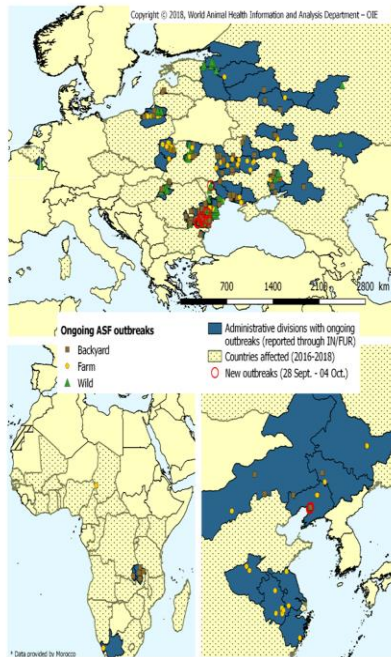


Figure 1 illustrates the distribution of the on-outbreaks of ASF and highlighted (red circle) reported in this period (September 28 - October 4, 2018).

During this period, new outbreaks have notified in Europe (Moldova and Romania) and China.

Moldova notified one outbreak in wild boar. Romania reported 14 outbreaks in backyard and wild boar.

In China, 3 new outbreaks were reported, them in backyard swine.

The total of outbreaks and their impact is detailed in table 1.

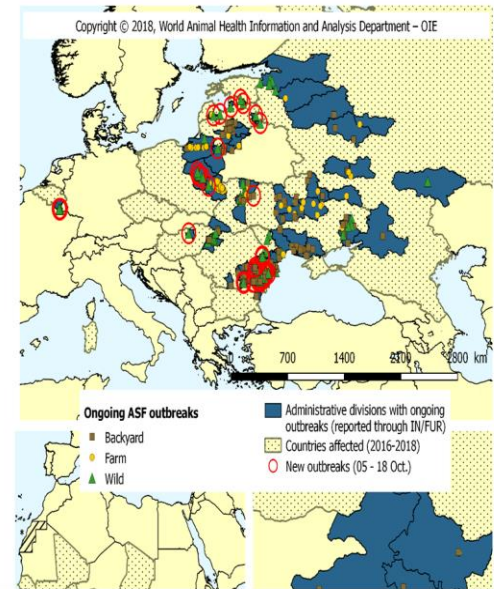
From the total outbreaks reported in this period (18), 72% (13) occurred in backyard swine, 28% (5) in wild boar. Romania accounted for (14) from all the new outbreaks, while reported 75% (3/7) of all the losses (swine died or that were killed and disposed of). No new outbreaks were notified in farm swine in this period.

African Swine Fever (ASF)
Report N°3: October 5 - 18, 2018
World Animal Health Information Department



ASF SITUATION

This report presents an overview of the ASF events with ongoing outbreaks notified through the OIE's Early Warning System (IN/Immediate notifications and FUR/Follow-up reports) by its Members. This information is publicly available¹. A classification of the affected population (by backyard and farm swine and wild boar) was made considering their different roles in the epidemiology of the disease.



OIE Activities (recent/ongoing)

- Regular update (weekly report)
- Update OIE website (disease card, website)
- International Standards to facilitate safe trade (containment-compartment)
- Regional activities
 - **GF-TADS Europe**: SGE, handbook ASF/wild boar and biosecurity hunting
 - **GF-TADS Asia**: swine diseases workshop, laboratory training, guide to clinical examination and sample collection.

OIE Activities (upcoming)

- Europe SGE
- East Asia SGE
- AESAN swine disease action plan
- 4th Regional swine disease workshop in Asia
- Countries need technical support
 - ASF webinars. Epi. Surveillance
 - Role of wild boar
 - Role of hunters in surveillance
 - Support by ASF OIE Reference Laboratories
- OIE Event Coordination Group on ASF
- Avoiding duplicating activities (GF-TADS)



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**Thank you for your
attention**