



COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

multidisciplinary perspectives to generate anticipatory intelligence to provide early warning for emerging and zoonotic diseases

*The information in this report is compiled from publically available information sources.
Its content does not reflect the opinions or positions of the community member's home organizations.*

1. CEZD ASF Weekly Intelligence Report - November 2-8, 2018

Summary of Global Information
<ul style="list-style-type: none">• No new countries have reported being affected by ASF this week
<ul style="list-style-type: none">• Disease continues to spread in Europe and China<ul style="list-style-type: none">○ Europe - spread is occurring in both wild boar and domestic swine with a decrease in the number of cases reported this week.<ul style="list-style-type: none">▪ Wild boar – Belgium, Poland, Latvia, Romania▪ Domestic swine - Romania, Ukraine○ China – additional cases reported to the OIE in Hubei, Hunan, Shanxi, and Chongking. The Chinese Ministry of Agriculture reports the first cases in new Provinces of Jiangxi & Fujian in the South, plus a new case in Jilin Province, very close to the border of North Korea.
<ul style="list-style-type: none">• In addition to the situation reports released last week on ASF in China and Belgium, DEFRA has released a situation report on ASF in Eastern Europe.• DEFRA reports a large (four-fold) reduction of the number of outbreaks in domestic pigs in Eastern Europe since July. The disease continues to spread in wild boar and has a historical a pattern of increased outbreaks during the winter months.
<ul style="list-style-type: none">• The Canadian Pork Council has produced an information sheet on holding times for feed ingredients, to minimize the likelihood of pathogens remaining viable in feed supplies.

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Total Cases to date in 2018 and new cases this week, Nov 2-8 2018 as reported to the OIE:

Country	Cases to date 2018	New Cases Reported Nov 2- 8	New Cases Reported
Armenia			
Azerbaijan	0 (Jan-Jun)		
Belarus			
Belgium	114	9	Wild Boar
Bulgaria	4	1	Wild Boar
China	60	4	Domestic Swine
Czech republic	28		
Estonia	202 (Jan-Jun)		
Georgia	0 (Jan-Jun)		
Hungary	48		
Latvia	585	2	Wild Boar
Lithuania	1025 (Jan-Jun)		
Moldova	28		
Poland	2960	2	Wild Boar
Romania	1224	17	14 Wild Boar 3 Domestic Swine
Russia	104		
Sardinia	48 (Jan-Jun)	Ongoing considered endemic	
Ukraine	182	2	Domestic Swine

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[Google map](#) of new cases this week (as reported to OIE). Locations identified are approximate.



Figure 1 New Cases in Europe

Blue = wild boar, Red = domestic swine

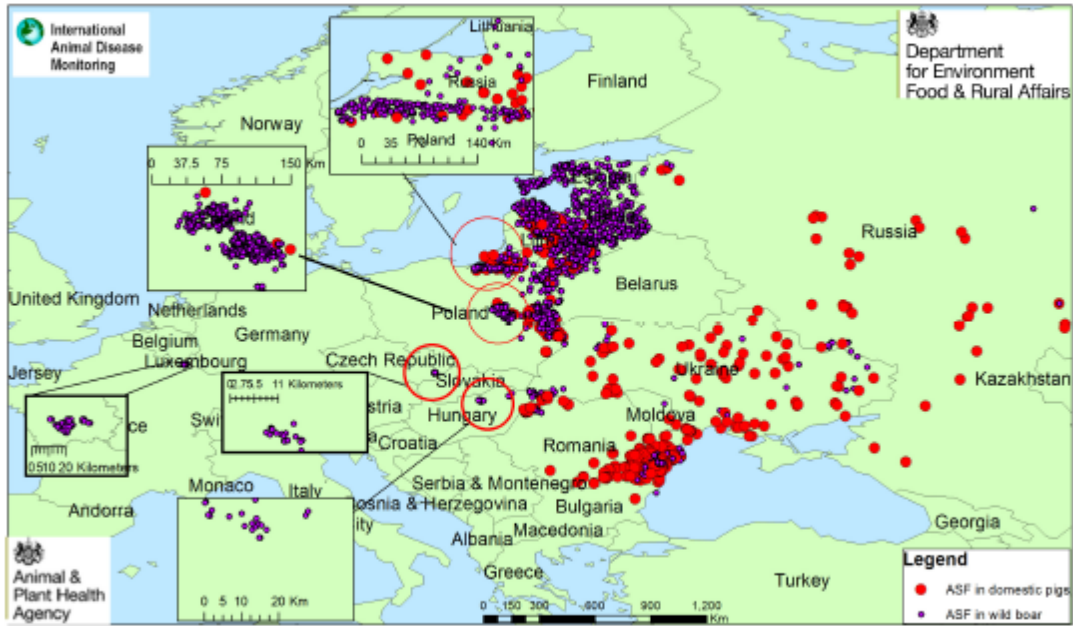
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Department for Environment, Food and Rural Affairs
Animal and Plant Health Agency
Advice Services - International Disease Monitoring



Actual Scale 1:20,000,000
Map prepared by IDM

Date prepared 02/11/2018

ASF in domestic pigs and wild boar since January 2018
[Insets: Czech Republic, Kaliningrad, Poland & Hungary]

Map source: [DEFRA Situation report on ASF in Eastern Europe.](#)

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Figure 2 China 4 new cases in domestic swine as reported to the OIE.

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[Fig Progress Map of all cases in China as of November 8th, 2018](#)

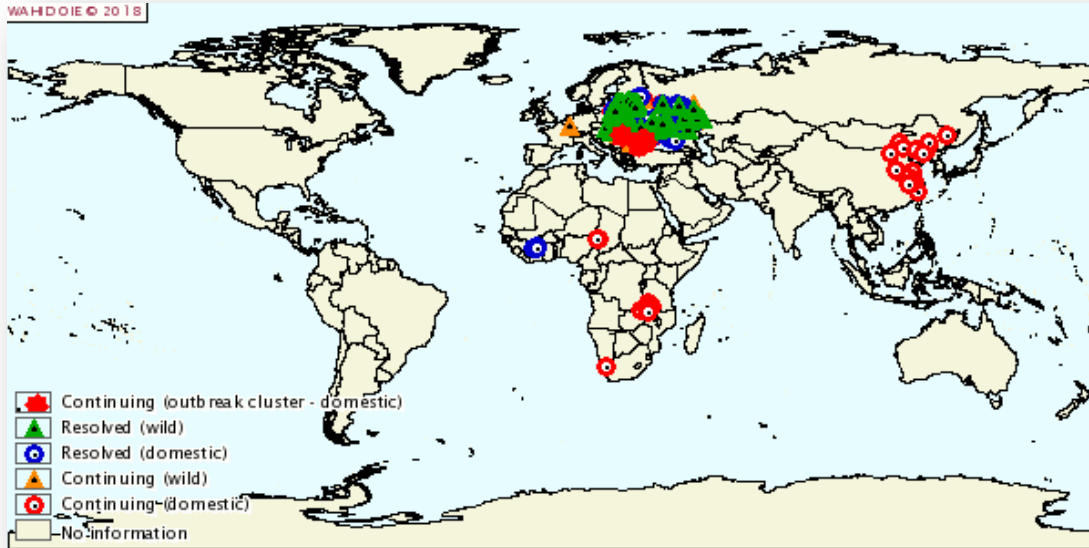
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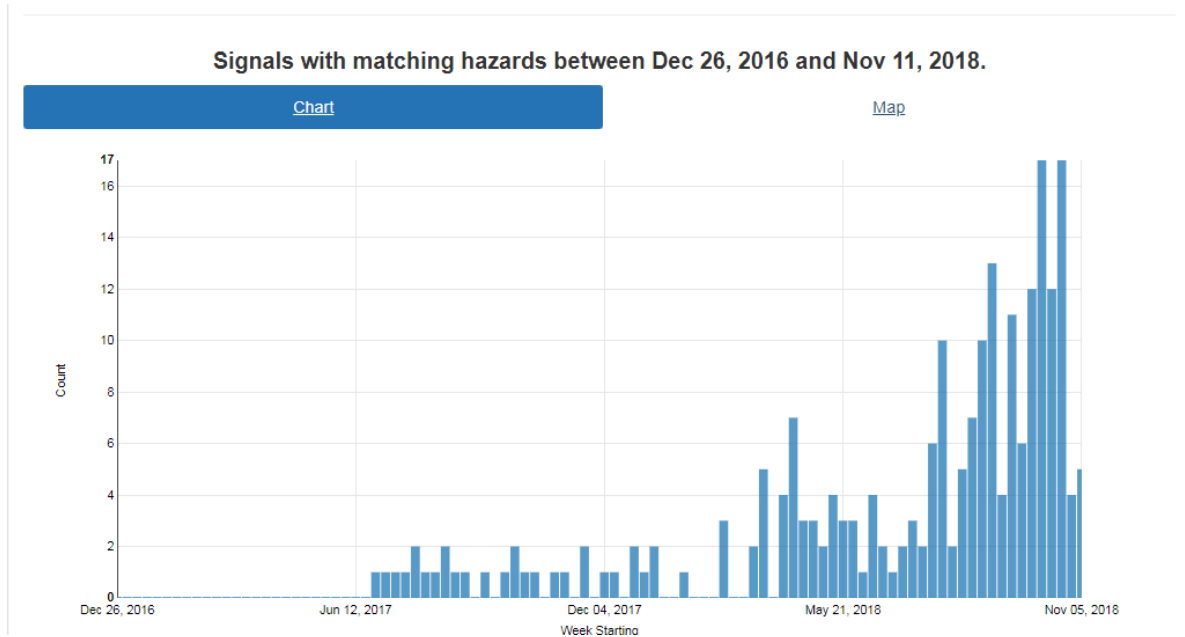
Global Distribution of ASF in 2018 (WAHID OIE)



2. Summary of all ASF Signals

See attached PDFs for all signals for Oct 26 - Nov 1

Signal Trend for ASF since January 2017



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3. Background Information on Current African Swine Fever Situation

The following information was provided publically on September 27, 2018. Attendees included CEZD, CFIA, Provinces, Canadian Association of Swine Veterinarians, CPC and many others.

Presentation: https://www.cahss.ca/media/uploads/template-documents/documents/18-09-27_21-57/CEZD_September_27_2018_Webinar_on_Af_SmC9U4j.pdf

Recording: <https://gts-ee.webex.com/gts-ee/ldr.php?RCID=3a37bc7364fdbc1feb30cdb3165e1188>

Dates of introduction to each country and primary hosts

Year	Country	Domestic pigs/Wild pigs/both
1909	African Countries	Sylvatic cycle in wild suids, spread to domestic pigs upon introduction
1960's to 1999	Incursions to Iberian Peninsula	Eradicated by 1999
1978	Italy – Sardinia	Both (remains persistently infected)
2007	Georgia	Domestic pigs
2007	Armenia	Both (mainly domestic)
2007	Azerbaijan	Domestic pigs
2007	Russian Federation (Caucasus)	wild boar
2008	Southern Russia	domestic pigs became infected
2010	endemic in S. Russia	Both (mainly domestic)
2011	endemic in N Russia	Both (mainly domestic)
2012	Ukraine	Both (mainly domestic)
2013	Belarus	domestic only
2014	Latvia	both (mainly wild boar)
2014	Lithuania	both (mainly wild boar)
2014	Poland	both (mainly wild boar)
2014	Estonia	both (mainly wild boar)
2016	Moldova	Both (mainly domestic)
2017	Czech republic	wild boar
2017	Romania	Both (mainly domestic)
2018	Hungary	wild boar
2018	Bulgaria	Domestic pigs
2018	China	Domestic pigs
2018	Belgium	wild boar

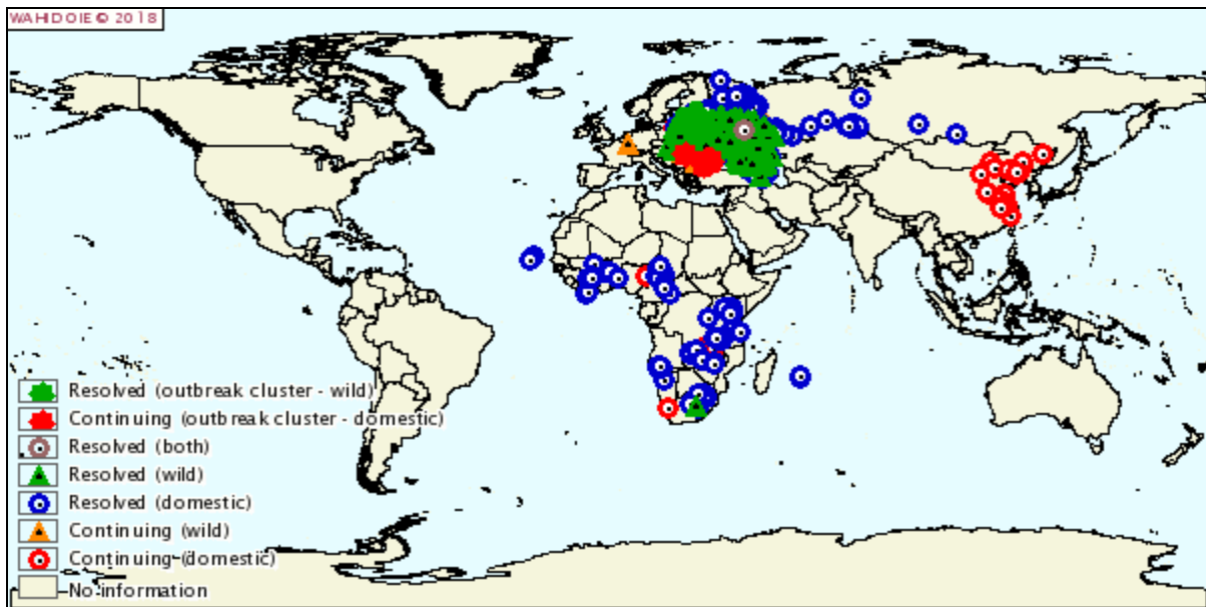
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Map of Global ASF Outbreaks 2007 – 2018

Period From : 1 ▾ Jan ▾ 2007 ▾ To: 1 ▾ Dec ▾ 2018 ▾

Disease outbreak maps



Animation of the spread of ASF through Europe 2007 – 2018 provides a great visual of the disease spread for the last 11 years. https://ec.europa.eu/food/sites/food/files/animals/docs/ad_control-measures_asf_anim_asf-endim-spread-since-2007.wmv

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