



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 9-15, 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 – the pattern of spread within Europe remains the same. Wild boar 'outbreaks' are usually only an individual animal or a small group. Farms affected in Europe this week are all backyard or small farms with between 1 and 118 animals involved per farm.<ul style="list-style-type: none">▪ Wild boar – Belgium, Poland, Romania, Ukraine, Russia and Hungary▪ Domestic swine - Romania, Ukraine○ China – additional cases reported to the OIE in Hunan, Anhui, Jilin, Jiangxi and Fujian. Farm sizes affected range from only 9 animals to greater than 10,000.○ The Chinese Ministry of Agriculture reports a total of three new cases in Hubei Province Report 1 Nov 13, Report 2 Nov 15.
<ul style="list-style-type: none">• A joint statement issued by the Chinese Ministry of agriculture and Ministry of public security on the controls on live pig movements indicates that ongoing illegal movements are contributing to further spread of the disease in China.
<ul style="list-style-type: none">• A major Chinese animal feed manufacturer reported that feed produced by one of its subsidiaries was suspected to have been contaminated with ASF. The samples were taken at a farm with infected swine.• A statement released by the company, indicated that further testing on raw ingredients and feed were negative for ASFV and feed production has been allowed to start again.

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Total Cases to date in 2018 and new cases this week, Nov 9-15 2018 as reported to the OIE:

Country	Cases to date 2018	New Cases Reported Nov 9-15	New Cases Reported
Armenia			
Azerbaijan	0 (Jan-Jun)		
Belarus			
Belgium	122	8	Wild Boar
Bulgaria	4		
China	65	5	Domestic Swine (both large and small scale farms affected)
Czech republic	28		
Estonia	202 (Jan-Jun)		
Georgia	0 (Jan-Jun)		
Hungary	55	7	Wild Boar
Latvia	585		
Lithuania	1025 (Jan-Jun)		
Moldova	28		
Poland	2980	20	Wild Boar
Romania	1253	29	13 Wild Boar 16 Domestic Swine (small farms)
Russia	105	1	Wild Boar
Sardinia	48 (Jan-Jun)	Ongoing considered endemic	
Ukraine	183	1	Domestic Swine (small farm)

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

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New Cases in Europe as reported to the OIE between Nov 9-15, 2018.

Blue = wild boar, Red = domestic swine

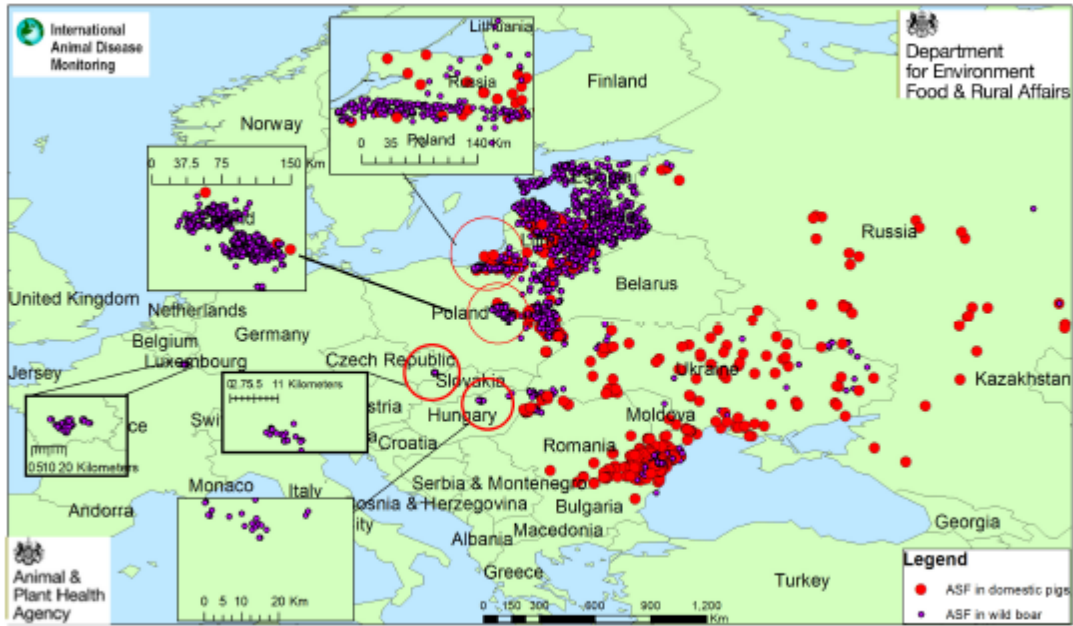
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Department for Environment, Food and Rural Affairs
Animal and Plant Health Agency
Advice Services - International Disease Monitoring



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]

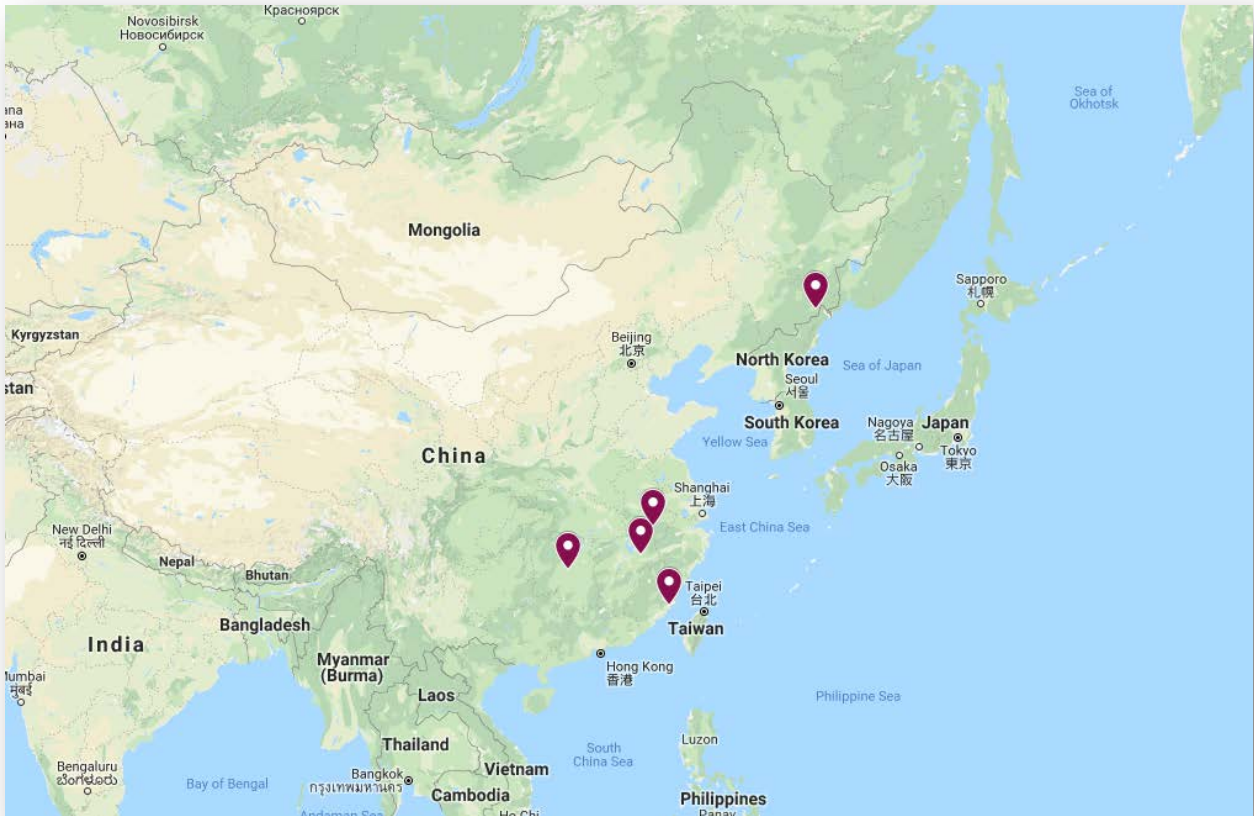
Map source: [DEFRA Situation report on ASF in Eastern Europe.](#)

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China - 5 new cases in domestic swine as reported to the OIE between Nov 9-15, 2018.

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[Pig Progress Map of all cases in China](#) as of November 15th, 2018

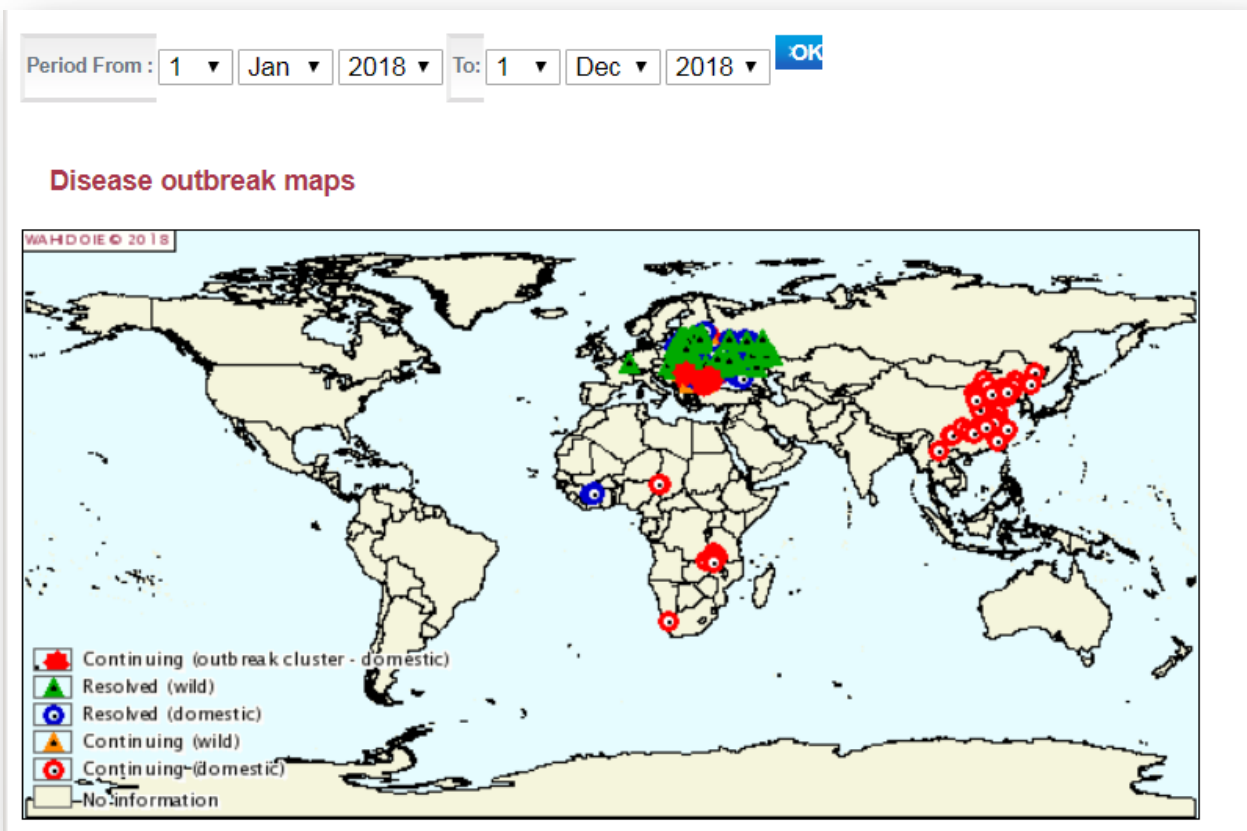
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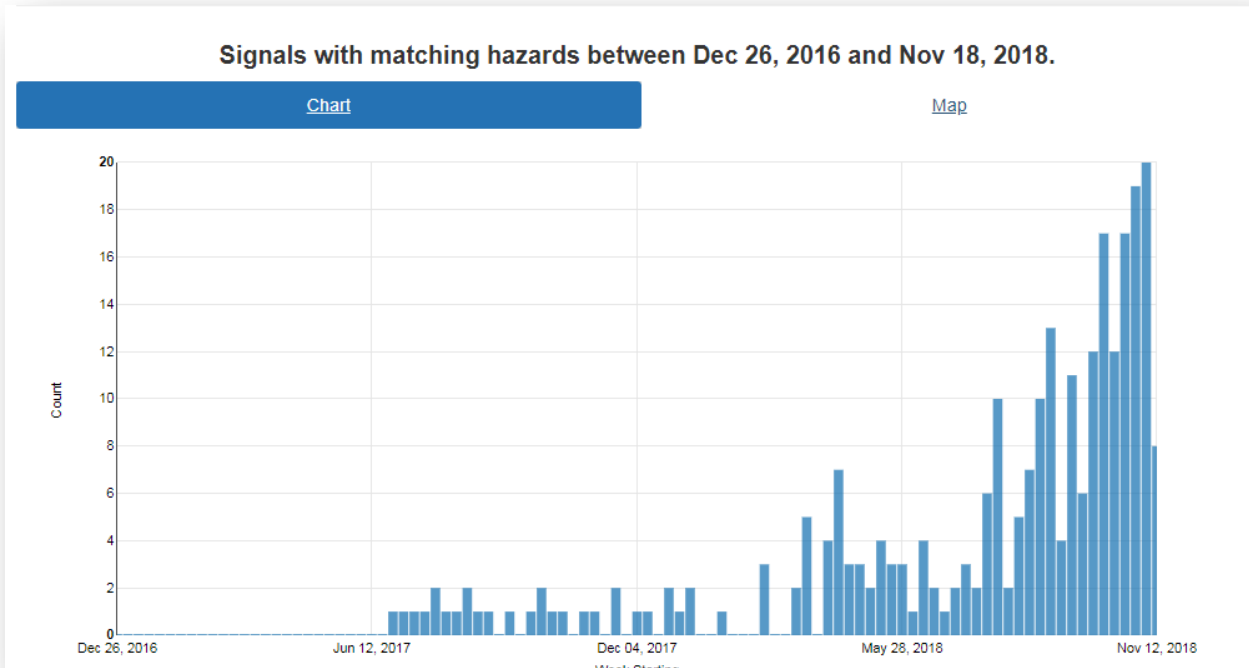
Global Distribution of ASF in 2018 (WAHID OIE)



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Signal Trend for ASF since January 2017



2. 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=3a37bc7364fbd1feb30cdb3165e1188>

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

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		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

Map of Global ASF Outbreaks 2005 – 2018

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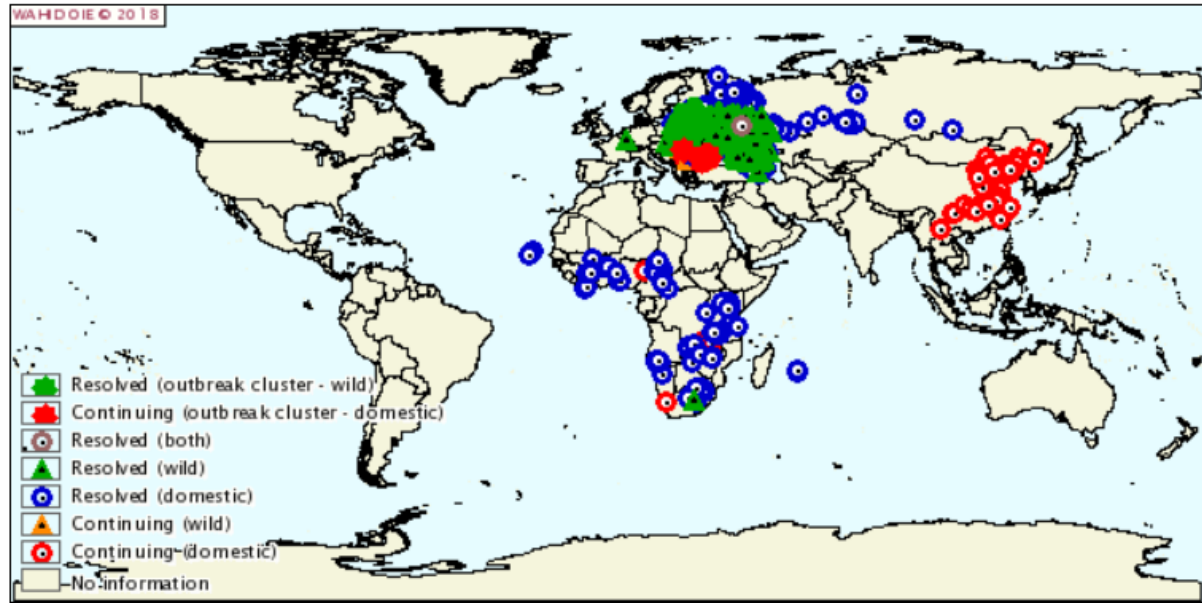


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Period From: 1 Jan 2005 To: 1 Dec 2018

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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