



COMMUNITY FOR EMERGING AND ZOO NOTIC 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 members' home organizations.*

1. CEZD ASF Weekly Intelligence Report - December 14-20, 2018

Summary of Global Information - draft
<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 had between 2 and 651 animals per farm.<ul style="list-style-type: none">▪ Wild boar – Belgium, Hungary, Latvia, Poland, Romania and Russia▪ Domestic swine – Romania, Ukraine○ China – The disease continued to spread. The first outbreak was <u>reported</u> in Guangdong Province, the 23rd province. This outbreak took place in a slaughterhouse.
<ul style="list-style-type: none">• China <u>announced</u> additional ASF control measures <u>including</u> a cracking down on illegal hog slaughtering and building more large-scale slaughterhouses.
<ul style="list-style-type: none">• News reports continue to mention Taiwanese efforts to prevent ASF: an enhanced scrutiny of Chinese <u>fishing boats</u> entering Taiwan waters; and e-commerce platforms will <u>ban the selling</u> of Chinese pork products.

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

Country	Cases to date 2018	New Cases Reported Dec 14-20	New Cases Reported
Armenia			
Azerbaijan	0 (Jan-Jun) ¹		
Belarus			
Belgium	165	7	Wild Boar
Bulgaria	4		
China	104	6	Domestic Swine
Czech republic	28		
Estonia	202 (Jan-Jun) ¹		
Georgia	0 (Jan-Jun)		
Hungary	108	14	Wild Boar
Latvia	652	10	Wild Boar
Lithuania	1,025 (Jan-Jun) ¹		
Moldova	28		
Poland	3,174	111	Wild Boar
Romania	1,338	28	15 Domestic Swine 13 Wild Boar
Russia	108	1	Wild Boar
Sardinia	48 (Jan-Jun) ¹	Ongoing considered endemic	
Ukraine	193	1	1 Domestic Swine

¹ Indicates a 6 monthly report to OIE has been submitted

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



New Cases in Europe as reported to the OIE from Dec 14-20, 2018.

Blue = wild boar, Red = domestic swine

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China - 6 new cases reported to the OIE from Dec 14-20, 2018.



Blue = wild boar, Red = domestic swine

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Pig Progress map of all cases in China as of December 20, 2018



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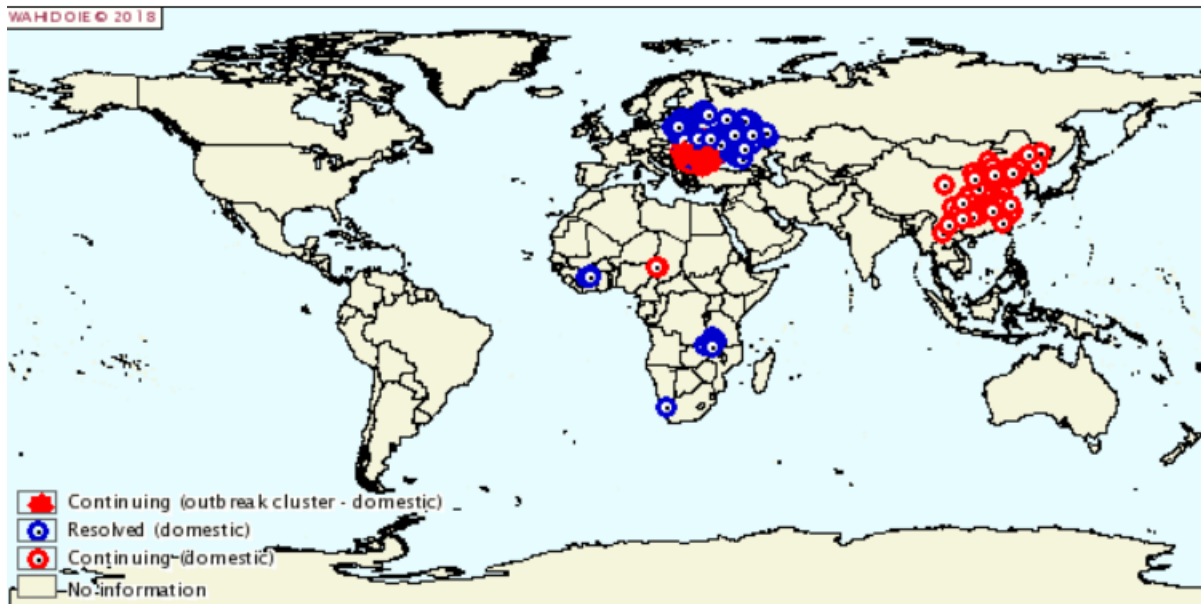
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Cases of ASF Reported in 2018 (WAHID OIE)

Period From: 1 Jan 2018 To: 20 Dec 2018

Disease outbreak maps



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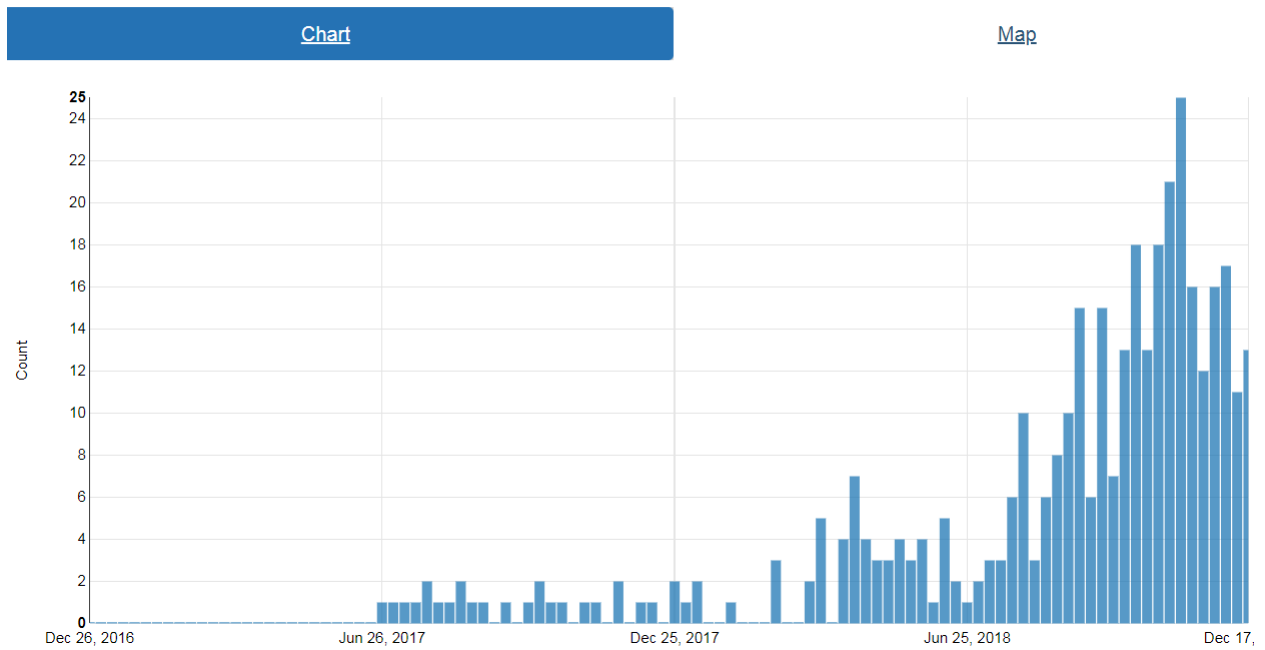


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Signal Trend for ASF since January 2017

Signals with matching hazards between Dec 26, 2016 and Dec 23, 2018.



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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=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	Both (mainly domestic)
2018	Belgium	wild boar

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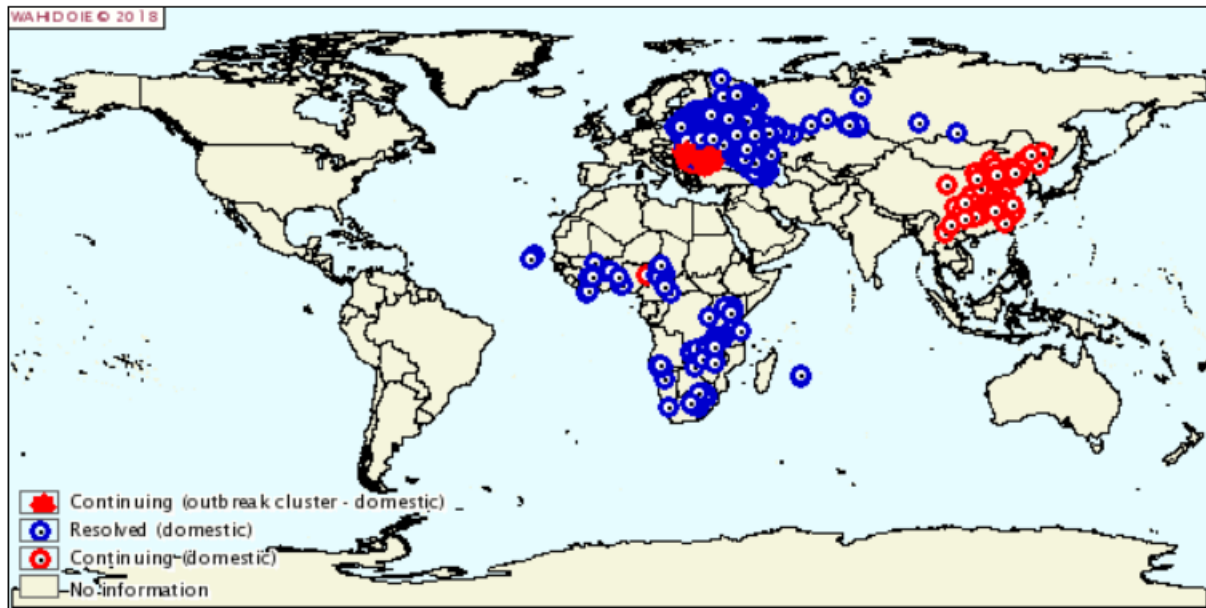
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Map of Global ASF Outbreaks 2005 – 2018

Period From: 1 Jan 2005 To: 20 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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