



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 members' home organizations.*

1. CEZD ASF Weekly Intelligence Report - December 7-13, 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 had between 13 and 179 animals per farm.<ul style="list-style-type: none">▪ Wild boar – Belgium, Hungary, Latvia, Romania, Russia and Ukraine▪ Domestic swine – Romania, Ukraine○ China – The disease continued to spread. The first outbreak was <u>reported</u> in Qinghai Province.
<ul style="list-style-type: none">• China <u>announced</u> a ban on pig farming in areas inhabited by wild boars to prevent an additional strain infecting the country's domestic herd. Chinese officials continue to <u>report</u> that the ASF strain in the wild boar is not the same as the strain circulating in domestic swine.
<ul style="list-style-type: none">• Pig Progress <u>reports</u> that although cases of ASF infected wild boar continue to be found in Belgium, the virus appears to be under control.

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



COMMUNITY FOR EMERGING AND ZOO NOTIC DISEASES (CEZD)

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

Total Cases to date in 2018 and new cases this week, Dec 7-13, 2018, as reported to the OIE:

Country	Cases to date 2018	New Cases Reported Dec 7-13	New Cases Reported
Armenia			
Azerbaijan	0 (Jan-Jun) ¹		
Belarus			
Belgium	158	20	Wild Boar
Bulgaria	4		
China	98	10	Domestic Swine
Czech republic	28		
Estonia	202 (Jan-Jun) ¹		
Georgia	0 (Jan-Jun)		
Hungary	94	18	Wild Boar
Latvia	642	21	Wild Boar
Lithuania	1,025 (Jan-Jun) ¹		
Moldova	28		
Poland	3,063		
Romania	1,310	10	5 Domestic Swine 5 Wild Boar
Russia	107	1	Wild Boar
Sardinia	48 (Jan-Jun) ¹	Ongoing considered endemic	
Ukraine	192	2	1 Domestic Swine 1 Wild Boar

¹ Indicates a 6 monthly report to OIE has been submitted

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

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

[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 7-13, 2018.

Blue = wild boar, Red = domestic swine

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

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

China - 10 new cases reported to the OIE from Dec 7-13, 2018.



Blue = wild boar, Red = domestic swine

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

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

[Fig Progress map of all cases in China](#) as of December 13, 2018



If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



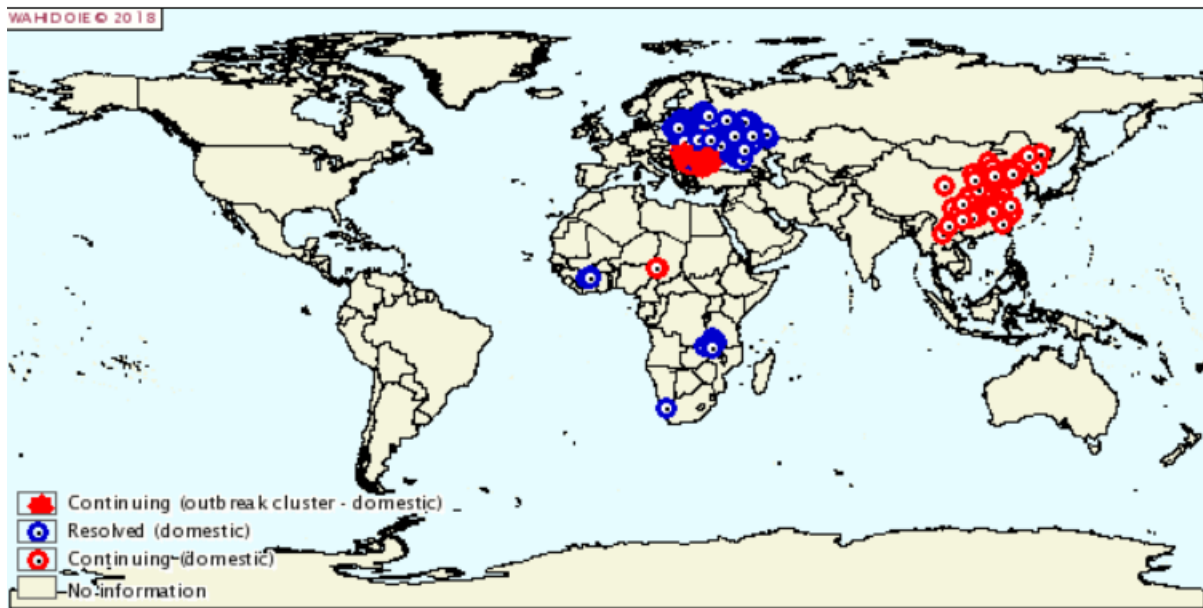
COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

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

Cases of ASF Reported in 2018 (WAHID OIE)

Period From: 1 Jan 2018 To: 20 Dec 2018

Disease outbreak maps



Signal Trend for ASF since January 2017

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



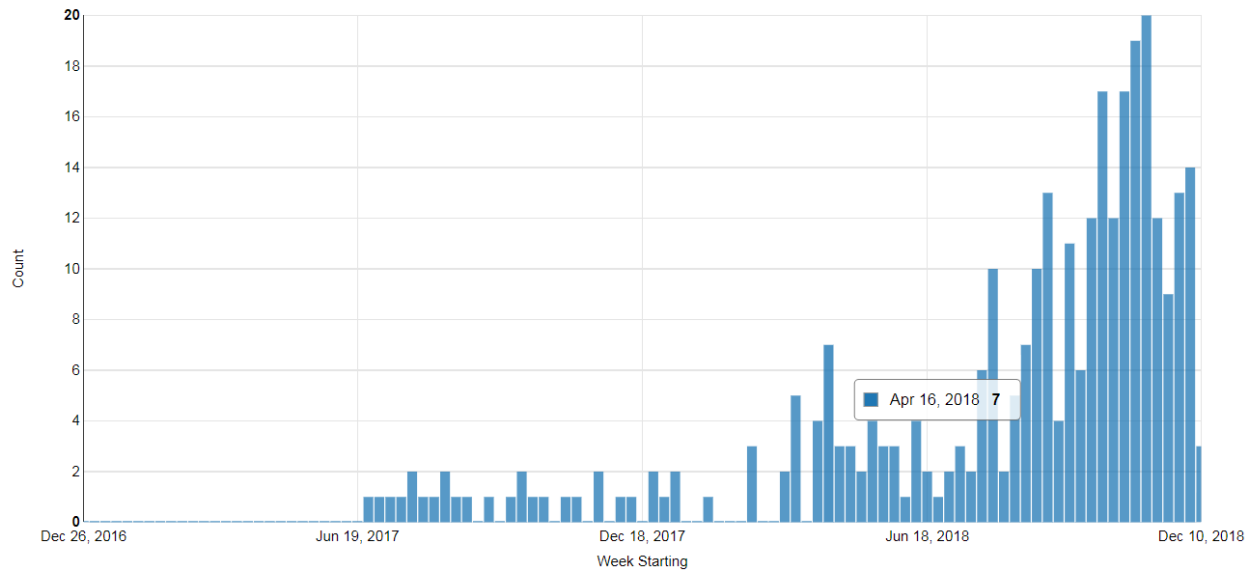
COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

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

Signals with matching hazards between Dec 26, 2016 and Dec 16, 2018.

[Chart](#)

[Map](#)



If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



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

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca



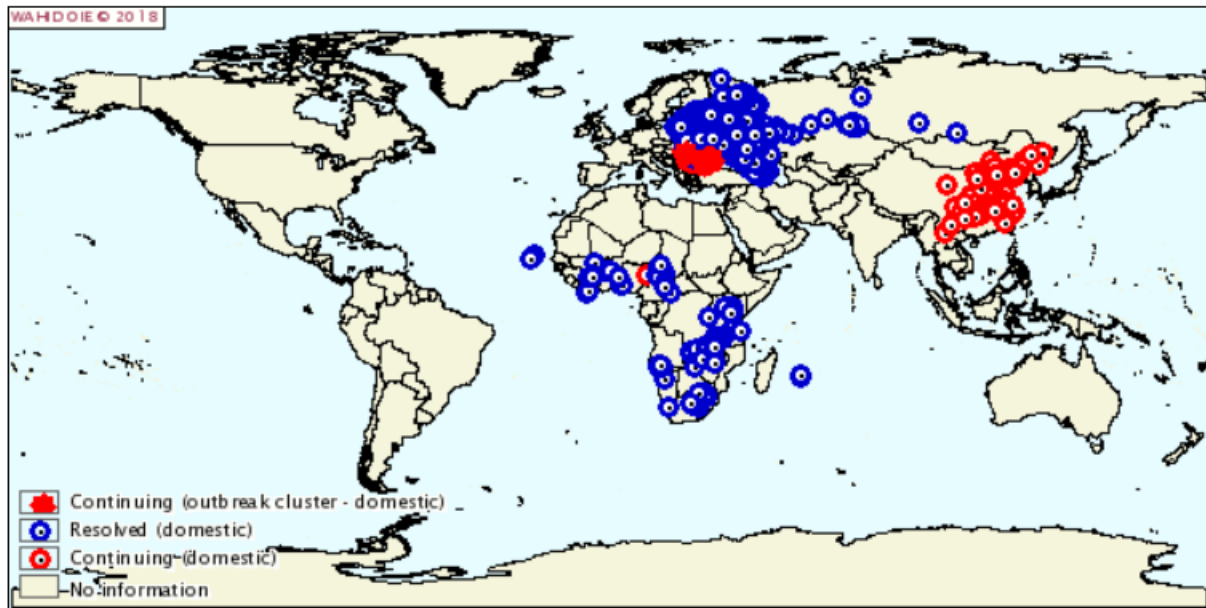
COMMUNITY FOR EMERGING AND ZONOTIC DISEASES (CEZD)

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

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

If you would like to be added to our intelligence report distribution list, or join the community, please send an email to Harry.Gardiner@canada.ca