



1. CEZD ASF Weekly Intelligence Report October 18-25, 2018

Summary of Global Information

- No new countries have reported being affected by ASF this week
- Disease continues to spread in Europe and China
 - Europe - spread is occurring in both wild boar and domestic swine
 - Wild boar – Belgium, Hungary, Poland, Latvia, first occurrence in wild boar in Bulgaria
 - Domestic swine- Poland, Romania, Ukraine
 - China - disease spread to southern Provinces Yunnan, Hunan and Guizhou (Guizhou reported Oct 26)
 - China MOA reports that the main mechanism for transmission of their early ASF cases is via feeding kitchen waste to pigs (62% of first 21 cases)
- Last week the USDA suspended pork imports from Poland
- This week the suspension has been lifted from all establishments in the contiguous free zones. Restrictions remain on two establishments for raw and heat treated product (not fully cooked products)
- Japan reported finding ASF positive cooked sausages (vacuum packed and heat treated) in travellers luggage



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Total Cases to date in 2018, new cases this week October 18-25:

Country	Cases to date 2018	New Cases Oct 12-17	New Cases (Wild/Domestic/Both)
Armenia	?	0	
Azerbaijan	0 (Jan-Jun)		
Belarus	?	0	
Belgium	51	13	Wild Boar
Bulgaria	2	1	Wild Boar
China	50	6	Domestic Swine
Czech republic	28	0	Wild Boar
Estonia	202 (Jan-Jun)	0	
Georgia	0 (Jan-Jun)	0	
Hungary	39	1	Wild Boar
Latvia	583	14	Wild Boar
Lithuania	1025 (Jan-Jun)	0	
Moldova	28	0	
Poland	2921	26	Wild Boar
Romania	1115	37	32 Domestic 5 Wild Boar
Russia	104	0	Domestic Swine
Sardinia	48 (Jan-Jun)	Ongoing considered endemic	Both
Ukraine	180	2	Domestic Swine



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Google map of new cases this week (as reported to OIE)

https://www.google.com/maps/d/u/0/edit?hl=en&mid=1bAgb4jP7Eeqt3DPnpxS3h6cf5QRF_EEe&ll=23.595081736113684%2C46.412123245046814&z=3

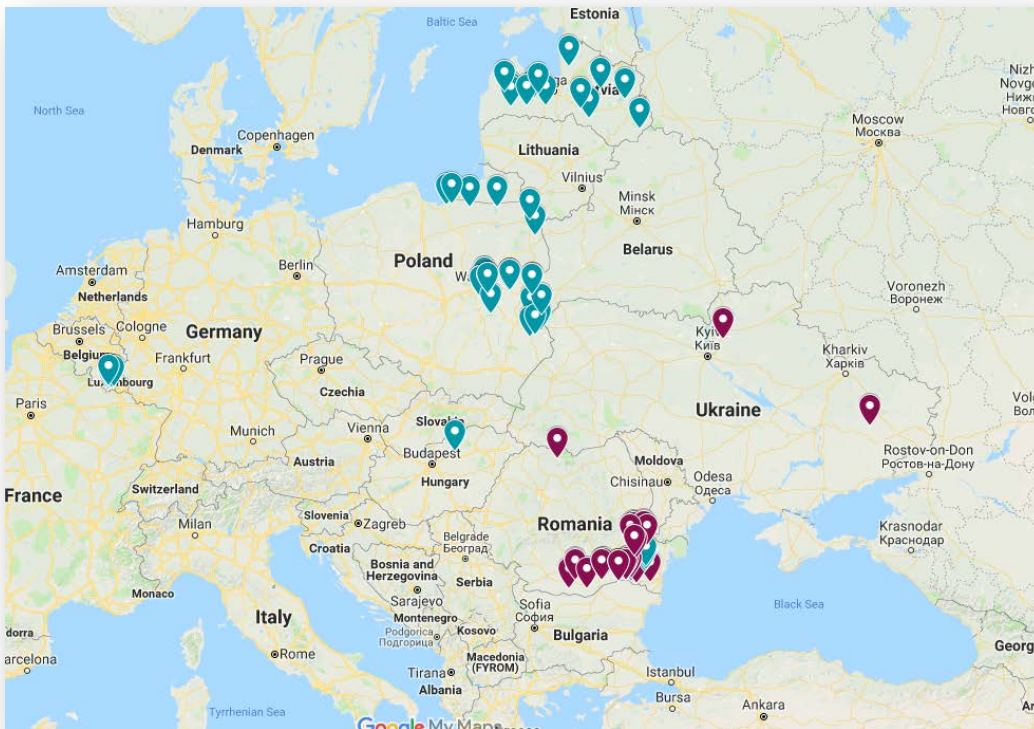


Figure 1 New Cases in Europe

Blue = wild boar, Red = domestic swine



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Figure 2 China 6 new cases reported all in Domestic Swine (underestimate as new case reported in Guizhou Oct 26 not included)



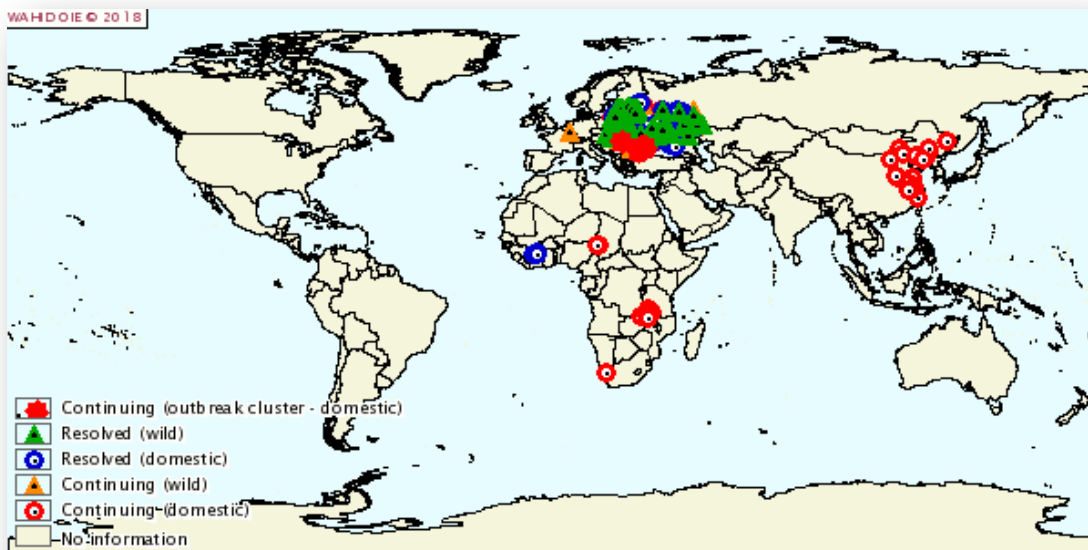
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Pig Progress Map of all Current Cases

Global Distribution of ASF in 2018 (WAHID OIE)





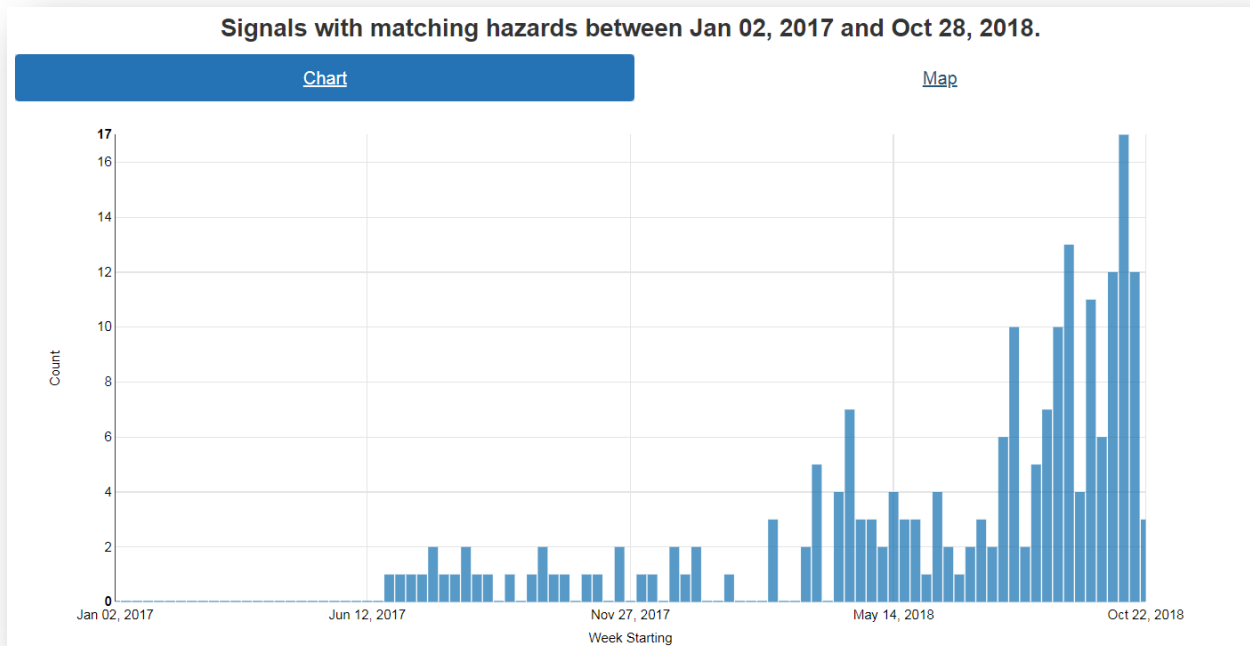
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2. Summary of all ASF Signals

See attached PDFs for all signals for 2018 and all signals for Oct 18-25

Signal Trend for ASF since January 2017



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=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 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



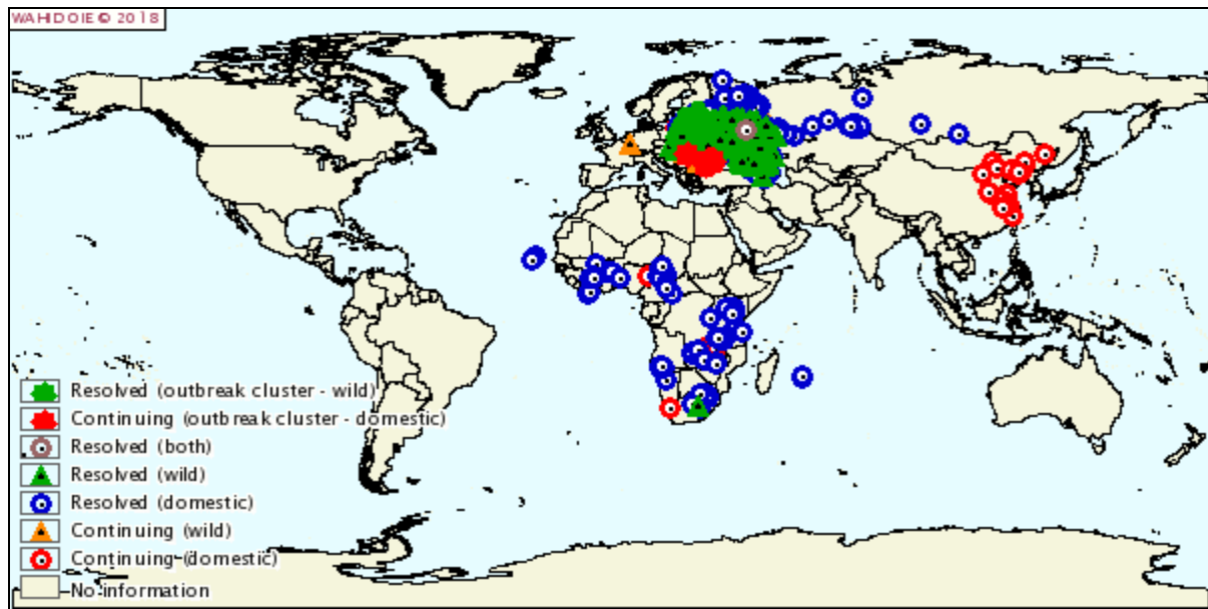
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Map of Global ASF Outbreaks 2007 – 2018

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
