

Swine Disease Global Surveillance Report

Classical Swine Fever (CSF), African Swine Fever (ASF), and Foot and Mouth Disease (FMD)

The global swine disease surveillance system is initially being tested for the three tier-1 foreign swine diseases (ASF, CSF, FMD) with the expectation of expanding it to other relevant diseases of swine in the future.

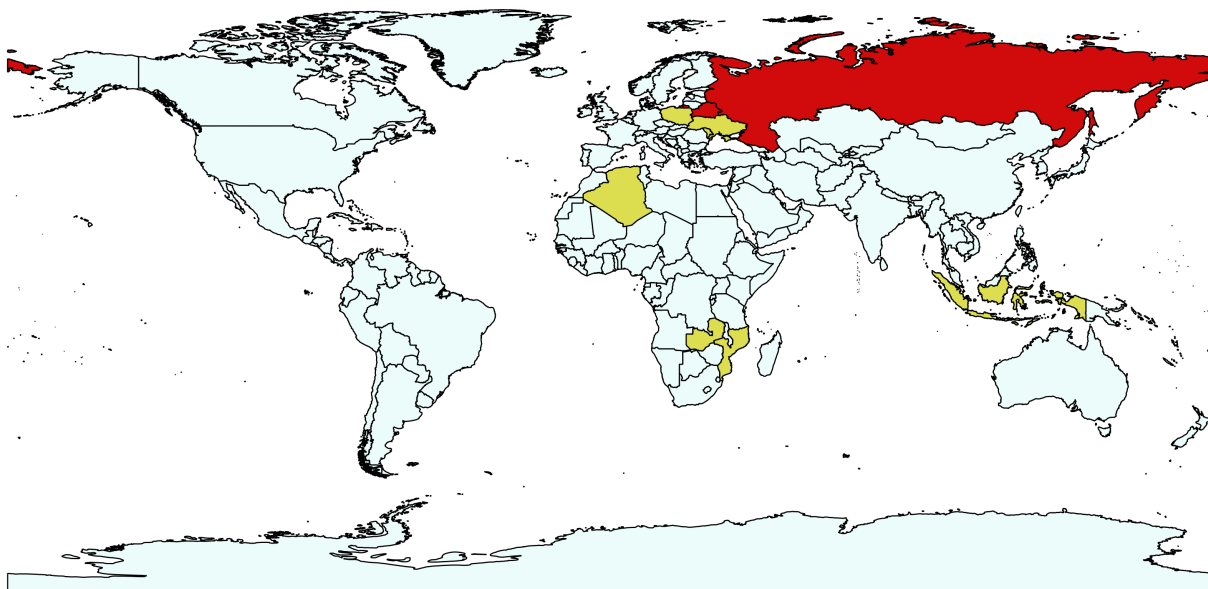
Sunday, November 05, 2017 – Sunday, November 19, 2017

Report highlight: Two areas of concern show up in this month's reports. The first is an outbreak of ASF in Belarus. Though reported in the press, there has been no official report of the disease in the interim. The lack of reporting often reflects a reluctance to put control measures in place. The second is a large outbreak in the Tyumen region of Russia. Outbreaks in Siberia have the added concern of moving within the region towards the pig dense areas in China. The borders of in this region across Russia, Khazakstan, Mongolia and China are uncontrolled in many areas.

Event #1	Description: An African Swine Fever (ASF) outbreak started on October 23, 2017 in the Mwense District of Luapula Province, Zambia. The outbreak originated from a single farm after swine were imported from the Lubwe Samfya district which is where a previous ASF outbreak occurred. The outbreak in the Mwense District of Luapula Province, Zambia is currently ongoing and 20 pigs have died so far from ASF.
Date of the event: 10/23/2017	
Location: Zambia; Luapula; Mwense	
Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: NAIS from Ministry of Fisheries and Livestock
Event #2	Description: According to independent media and local citizens, starting on October 28, 2017, many pigs began dying in Stolpnya village, Gomel region, Belarus, presumably due to African Swine Fever (ASF). Municipal authorities have instituted a quarantine including roadblocks and a ban on any transport of pork and pig products from the affected territory. No official government report or quarantine information has been provided to date.
Date of the event: 10/28/2017	
Location: Stolpnya Village; Gomel Region; Belarus	
Disease type: ASF	
Species affected: Swine	
Significance score: 2.00*	Reporting source: Independent Belarussian media
Event #3	Description: The State Service of Ukraine for Food Safety and Consumers' Rights Protection has registered 127 cases of African swine fever (ASF) since the beginning of 2017. An ASF quarantine is still in effect for 26/128 affected towns. According to Ukraine, 721 cases of ASF were registered in Latvia in 2017, 759 in Lithuania, 446 in Poland,
Date of the event: 11/07/2017	
Location: Ukraine	
Disease type: ASF	

Species affected: Swine	and 529 in Estonia
Significance score: 1.00*	Reporting source: State Service of Ukraine for Food Safety and Consumers' Rights Protection
Event #4	Description: A Foot and Mouth Disease outbreak has been ongoing in regions of Algeria since March 2017. As a prevention measure, Algeria has mobilized 35 veterinarians to vaccinate 20,000 head of cattle. Other preventive measures have been a rigorous control of livestock markets, sheep and cattle farms, and slaughterhouses.
Date of the event: 11/11/2017	
Location: Algeria; Maghreb	
Disease type: FMD	
Species affected: Cattle, Sheep, Unspecified Livestock	
Significance score: 1.00*	Reporting source: Reflexion
Event #5	Description: Ongoing outbreak from October 13, 2017. Species / Susceptible / Cases / Deaths / Destroyed / Slaughtered Cattle / 3000 / 75 / 0 / 0 / 0. Affected population: The outbreak occurred in non-vaccinated area of Moamba district. The disease affects all ages and both sex of animal. The affected animals belong to small-scale farmers and show vesicular eruptive lesions in the mouth, on the tongue and in the interdigital spaces of the feet. No case of death was reported. The source of infection is unknown.
Date of the event: 11/06/2017	
Location: Mozambique; Maputo	
Disease type: FMD	
Species affected: Cattle	
Significance score: 1.00*	Reporting source: OIE WAHID
Event #6	Description: Decca Herald reports cattle have been infected with Foot and Mouth Disease in the towns of Kyatanamakki, Dantaga, and Thura. No date for the start of the disease outbreak was reported.
Date of the event: 11/18/2017	
Location: Indonesia; Balige	
Disease type: FMD	
Species affected: Cattle	
Significance score: 1.00*	Reporting source: N/A
Event #7	Description: Moldova government reported to OIE that an outbreak of ASF began on a farm in the country starting October 19 and is currently ongoing. 15 pigs have been suspected as infected with 8 now dead and 7 now destroyed.
Date of the event: 10/19/2017	
Location: Moldova	
Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: OIE
Event #8	Description: Specialists of the Chelyabinsk interregional veterinary laboratory confirm African Swine Fever in the Chelyabinsk region of Russia. A quarantine was introduced in the area and over 200 pigs have been destroyed.
Date of the event: 11/07/2017	
Location: Russia; Chelyabinsk	
Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: Chelyabinsk Ministry of Agriculture
Event #9	Description: The Kurgan Regional Veterinary Laboratory identified ASF in pork products. This comes after ASF outbreaks occurred in the Chebarkulsky district last week.
Date of the event: 11/13/2017	
Location: Russia; Kurgan	

Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: Kurgan Regional Veterinary Laboratory
Event #10	
Date of the event: 11/14/2017	Description: An outbreak of ASF has occurred in the Tyumen region of Russia. Over 16,000 swine are to be culled and a quarantine will be enforced in the area until December 10.
Location: Russia; Tyumen	
Disease type: ASF	
Species affected: Swine	
Significance score: 2.00*	
Event #11	
Date of the event: 11/19/2017	Description: Several ASF events occurred in Russia, Ukraine, and Poland, but information was unable to be recorded due to broken links for EMPRES-i.
Location: Russia, Ukraine, Poland	
Disease type: ASF	
Species affected: Unknown	
Significance score: 1.00*	
* Significance score: A scoring system to assess the likelihood a disease event will impact the global swine industry. Scores range from 1-3 (low-high) based on the novelty of the disease, effect on the swine industry, and impact on trade.	



The locations of countries mentioned in this report are colored in the above map according to significance score (1: yellow, 2: red, 3: black).