Swine Disease Global Surveillance Report

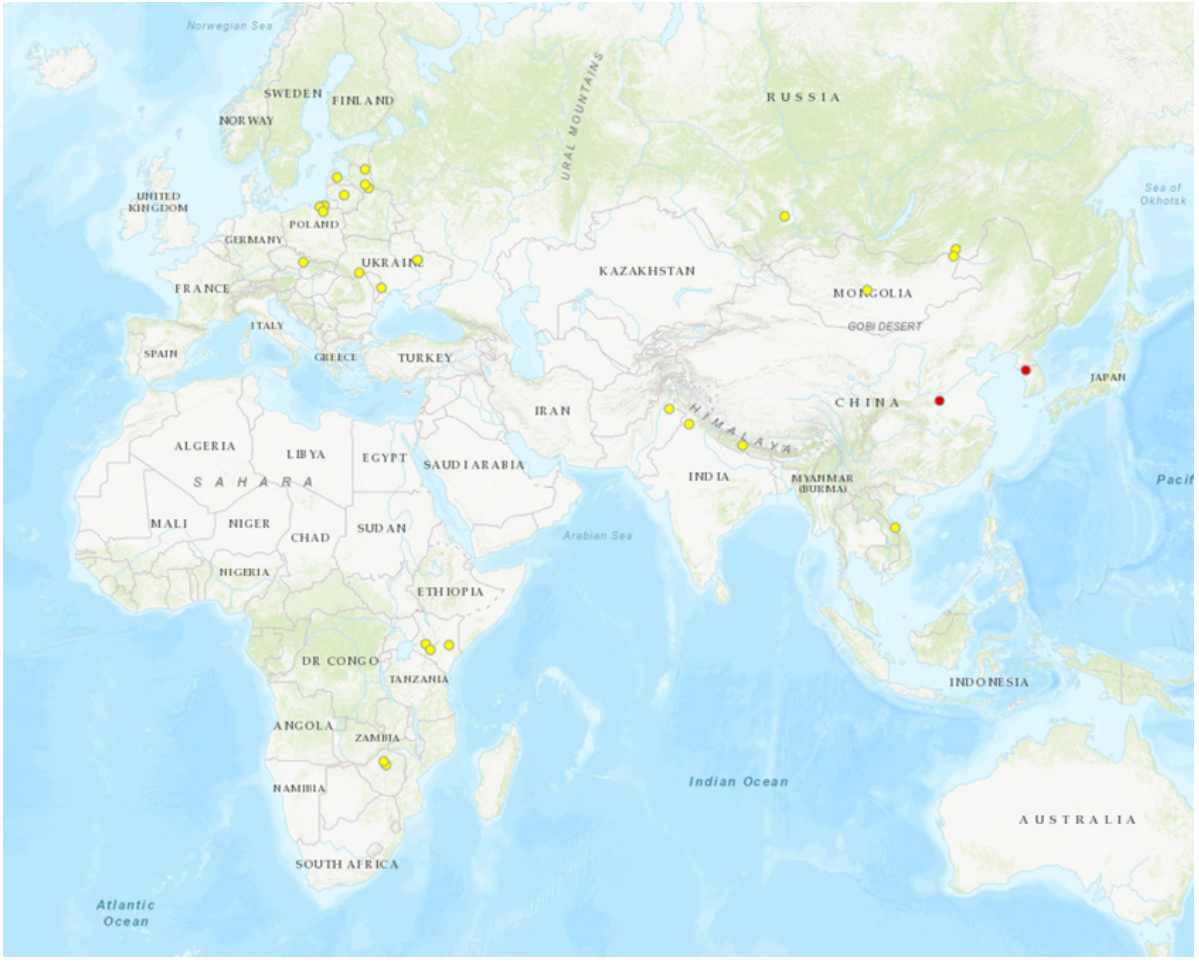
Classical Swine Fever (CSF), African Swine Fever (ASF), and

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.

Monday, February 12, 2018 – Monday, March 28, 2018

Report highlight : This past month saw some more activity of FMD in China and Korea. In both countries, there is extensive vaccination for the disease, but the efficacy of the vaccine and the compliance to the vaccination regime can vary widely. The Korean outbreak was the first farm affected in Korea since Feb, 2017. Though China reports sporadic cases, a case where a herd 1200 sheep affected in the Henan province of China raises additional concerns. Henan is a swine dense province, and this level of disease may have negative effects on the large producers in the area.



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

Event #***1***	Description: Foot and Mouth Disease confirmed in Borzinsky, Russia in 85 cattle and in Chitinskaya, Russia in cattle with 1 case and 3 at-risk. Foot and Mouth Disease outbreak announced in Transbaikalia, Russia with no specific details. African Swine Fever confirmed in Kaliningradskaya, Russia in 1 wild boar.
Date of the event: 2/01/2018	

Location: Russia; Various	
Disease type: FMD, ASF	
Species affected: Cattle, Wild Boar	
Significance score: 1.00*	Reporting source: OIE, EMPRES-i, xakac
Event #***2***	Description: African Swine Fever was confirmed in wild boar in the following areas of Latvia: Kraslavas, Preilu, Tukuma, Daugavpils, Aluksnes, Saldus, Gulbenes, Rigas, Madonas, Talsu, Ogres, Kuldigas, and Cesu. The following were details provided about the confirmed cases: cases: 13, slaughtered: 9, deaths: 2, and destroyed: 1.
Date of the event: 2/16/2018	
Location: Latvia; Various	
Disease type: ASF	
Species affected: Wild Boar	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #***3***	Description: African Swine Fever has been confirmed in a wild boar in the Joniškis district of Lithuania. ASF has now been detected in 34 municipalities throughout the country. In total this year in Lithuania, ASF has been confirmed in 1058 wild boars, 144 of which were killed by hunters and 914 were found dead.
Date of the event: 3/6/2018	
Location: Lithuania; Various	
Disease type: ASF	
Species affected: Wild Boar	
Significance score: 1.00*	Reporting source: Lithuanian Ministry of Agriculture
Event #***4***	Description: African Swine Fever has been confirmed in wild boar in Mazowieckie and Warminsko-Mazurskie, Poland. There were 6 cases and all cases died.
Date of the event: 2/16/2018	
Location: Poland; Mazowieckie and Warminsko-Mazurskie	
Disease type: ASF	
Species affected: Wild Boar	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #***5***	Description: African Swine Fever was confirmed in Jihomoravsky, Czech Republic in a wild boar that died.
Date of the event: 2/15/2018	
Location: Czech Republic; Jihomoravsky	
Disease type: ASF	
Species affected: Wild Boar	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #***6***	Description: African Swine Fever was confirmed in wild boar in Mykolaivka, Chernivets'ka, and Poltavs'ka, Ukraine. The following information about the cases was provided: at-risk: 1129, cases: 28, deaths: 28, destroyed: 391.
Date of the event: 2/28/2018	
Location: Ukraine; Mykolaivka, Chernivets'ka, and Poltavs'ka	
Disease type: ASF	
Species affected: Wild Boar	
Significance score: 1.00*	Reporting source: EMPRES-i, OIE
Event #***7***	Description: African Swine Fever was confirmed in swine in Moldova. There were 4 cases, 8 susceptible, 1 death, and 7 killed and disposed.
Date of the event: 3/2/2018	
Location: Moldova; Ursoaia	
Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: OIE
Event #***8***	Description: Mongolia's National Emergency Management Agency (NEMA) stated that martial law was declared in 12 provinces in Mongolia to try to contain Foot and Mouth Disease. Over 3300 animals have been slaughtered in Mongolia since the beginning of the year.
Date of the event: 3/5/2018	
Location: Mongolia; Various	
Disease type: FMD	
Species affected: Not Stated	
Significance score: 1.00*	Reporting source: National Emergency Management Agency (NEMA)
Event #***9***	Description: Foot and Mouth Disease was confirmed in sheep in Henan, China. There were 12 cases, 1200 susceptible, and 1200 killed and disposed.
Date of the event: 3/7/2018	
Location: China; Henan	
Disease type: FMD	
Species affected: Sheep	
Significance score: 2.00*	Reporting source: OIE
Event #***10***	Description: Foot and Mouth Disease was reported in Trieu Phong and Phu Yen, Vietnam. Reports in Trieu Phong stated that dozens of cattle have been destroyed and 20 pigs from a single farm have been infected. Reports in Phu Yen stated that 313 cattle have been infected and 14 of those cattle have died.
Date of the event: 3/27/2018	
Location: Vietnam; Trieu Phong and Phu Yen	
Disease type: FMD	
Species affected: Cattle, Swine	
Significance score: 1.00*	Reporting source: Provincial Department of Animal Husbandry and Veterinary
Event #***11***	Description: Foot and Mouth Disease was reported to have killed over 60 cattle in Punjab, India. A nearby zoo reported to have lost 8 captive animals, including a gaur, blackbuck, chowsingha, mouse deer, gorals, and a bison to FMD.
Date of the event: 2/27/2018	
Location: India; Punjab	

Disease type: FMD Species affected: Cattle and various captive zoo animals	
Significance score: 1.00*	Reporting source: ProMED
Event #***12*** Date of the event: 2/13/2018 Location: Nepal; Phalepatan Disease type: FMD Species affected: Cattle and Buffalo	Description: Foot and Mouth Disease was confirmed in cattle and buffalo in Phalepatan, Nepal. There were 3 cases with 15 susceptible in cattle and 1 case with 7 susceptible in buffalo.
Significance score: 1.00*	Reporting source: OIE
Event #***13*** Date of the event: 2/12/2018 Location: Pakistan; Chakwal Disease type: FMD Species affected: Cattle	Description: Foot and Mouth Disease was reported in cattle in Chakwal, Pakistan. No specific data was given regarding the reported cases.
Significance score: 1.00*	Reporting source: Dawn Pakistan
Event #***14*** Date of the event: 2/13/2018 Location: Zimbabwe; Chegutu, Mashonal, and West Province Disease type: FMD Species affected: Cattle	Description: Foot and Mouth Disease was reported in cattle in various areas of Zimbabwe that was affecting Zimbabwe's beef industry. Most recently, Zimbabwe's veterinary department culled and disposed of a herd of 17 pedigree Simmental and Brahman cattle that included a Boran bull at a Chegutu farm after contracting Foot and Mouth Disease.
Significance score: 1.00*	Reporting source: ProMED
Event #***15*** Date of the event: 2/27/2018 Location: Kenya; Various Disease type: FMD Species affected: Not Specified	Description: The Ministry of Agriculture in Kenya issued an alert for Foot and Mouth Disease. A total of 26 counties in Kenya reported outbreaks, with Nakuru recording the highest number of sick animals, followed by Kiambu, Garissa, and Uasin Gishu. There are 21 animals affected in Nakuru, 7 in Kiambu, 6 in Garissa and Uasin Gishu, 5 in Nairobi, Baringo, and Bomet, 4 in Machakos, and 3 in Makueni and Trans Nzoia. Bungoma, Elgeyo-Marakwet, Kisumu, Marsabit and Nandi reported 2 cases while Busia, Kakamega, Embu, Kericho, Kwale, Lamu, Meru, Muranga, Narok, Nyamira and West Pokot reported 1 case each.
Significance score: 1.00*	Reporting source: ProMED
Event #**16** Date of the event: 3/27/2018 Location: South Korea; North Chungcheong Province Disease type: FMD Species affected: swine	Description: Dr Oh Soon-Min, Director General - Chief Veterinary Officer, Animal Health Policy Bureau, Ministry of Agriculture, Food and Rural Affairs (MAFRA), SEJONG-SI, Korea, notified an Foot and Mouth Disease outbreak at Kyonggi-do county. It affected a swine farm with a total population of 1059 animals. The diagnosis was confirmed by Animal and Plant Quarantine Agency (OIE Reference Laboratory).
Significance score: 2.00*	Reporting source: OIE
*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 ofthe disease, effect on the swine industry, and impact on trade.	