Swine Health Information Center

University of Minnesota

Swine Disease Global Surveillance Report

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

Foot and Mouth Disease (FMD)

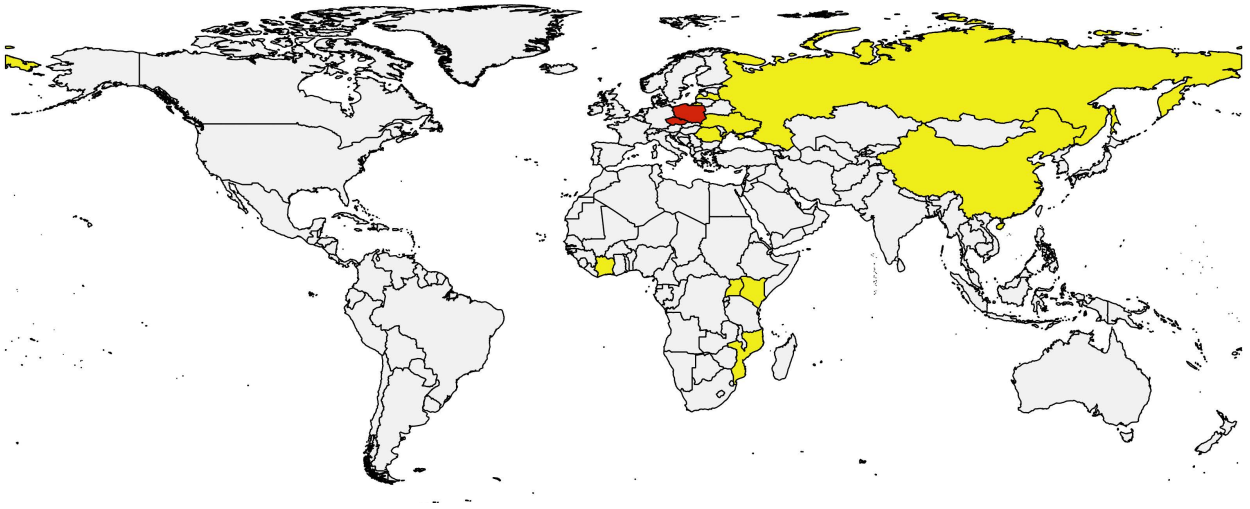
The global swine disease surveillance system is initially being tested for the three tier-1 foreign swine diseases (ASF, CSF, FMD) with the expectation of expanding it to other relevant diseases of swine in the future.

Saturday, January 15, 2018 – Saturday, February 11, 2018

Report highlight: This month the focus continues to be on Poland and the Czech Republic. There has been an upsurge in diagnoses of African Swine Fever in wild boars, especially in the area surrounding Warsaw. This, in turn, has heightened concerns not only in those countries but also neighboring countries. Germany acutely recognizes this threat, particularly the economic impact of introduction. They are reducing wild boar populations, investing in border fences, reexamining transport protocols and educating the public on responsible disposal of food waste.. (link)

Event #1	Description: African Swine Fever confirmed wild boars in various areas of Latvia. Areas include: Preilu, Aizkraukles, Talsu, Valmieras, Jelgavas, Daugavpils, Ventspils, Kuldigas, Tukuma, Cesu, Saldus, Madonas, and Jekabpils. Cases: 18, Deaths: 8, Destroyed: 10
Date of the event: 01/18/2018	
Location: Latvia; Various	
Disease type: ASF	
Species affected: Wild boar	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #2	Description: African Swine Fever diagnosed in wild boar in Warminsko-Mazurskie, Poland. Cases: 4, Deaths: 4
Date of the event: 01/18/2018	
Location: Poland; Warminsko-Mazurskie	
Disease type: ASF	
Species affected: Wild boar	
Significance score: 2.00*	Reporting source: EMPRES-i
Event #3	Description: African Swine Fever was diagnosed in wild boar in Jihomoravsky, Czech Republic. Cases: 2, Deaths: 1, Destroyed: 1
Date of the event: 01/19/2018	
Location: Czech Republic; Jihomoravsky	
Disease type: ASF	
Species affected: Wild boar	
Significance score: 2.00*	Reporting source: EMPRES-i
Event #4	Description: African Swine Fever was diagnosed in various areas of the Ukraine. Areas include: Zakarpats'ka, Rivnens'ka, Ternopil's'ka, Zaporiz'ka, Ternopil's'ka, Poltavs'ka, Zakarpats'ka, Luhans'ka, Donets'ka. At-Risk: 109, Cases: 18, Deaths: 13, Destroyed: 104
Date of the event: 01/15/2018	
Location: Ukraine; Various	
Disease type: ASF	
Species affected: Wild boar and swine	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #5	Description: African Swine Fever was diagnosed in swine in Satu Mare, Romania. At-Risk: 4, Cases: 3, Deaths: 3, Destroyed: 1
Date of the event: 01/15/2018	
Location: Romania; Satu Mare	
Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #6	Description: African Swine Fever was diagnosed in wild boar and swine in various areas in Russia. Areas include: Belgorodskaya Oblast, Kaliningradskaya Oblast, Krasnodarskiy Kray, and Volgogradskaya Oblast. At-Risk: 10951, Cases: 89, Deaths: 84, Destroyed: 2
Date of the event: 01/16/2018	
Location: Russia; Various	
Disease type: ASF	
Species affected: Wild boar and swine	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #7	Description: Foot and Mouth Disease was diagnosed in cattle, sheep, and goats in various areas in Mongolia. Areas include: Dundgovi, Dornod, Su'xbaatar, and Xentii. At-Risk: 291 (cattle), 123 (sheep), 130 (goats), Destroyed: 291 (cattle), 123 (sheep), 130 (goats)
Date of the event: 01/15/2018	
Location: Mongolia; Various	
Disease type: FMD	
Species affected: Cattle, sheep, and goats	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #8	Description: Foot and Mouth Disease was diagnosed in cattle and sheep in Ningxia Huizu Zizhiqu, China. At-Risk: 14 (cattle), 21 (sheep), Cases: 14 (cattle), Destroyed: 14 (cattle), 21 (sheep)
Date of the event: 01/29/2018	
Location: China; Ningxia Huizu Zizhiqu	

Disease type: FMD	
Species affected: Cattle and sheep	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #9	Description: Foot and Mouth Disease was diagnosed in cattle and buffalo in Phalepatan, Nepal. At-Risk: 15 (cattle), 7 (buffalo), Cases: 3 (cattle), 1 (buffalo)
Date of the event: 2/09/2018	
Location: Nepal; Phalepatan	
Disease type: FMD	
Species affected: Cattle, buffalo	
Significance score: 1.00*	Reporting source: OIE
Event #10	Description: Foot and Mouth Disease was diagnosed in cattle in Pretoria, South Africa. At-Risk: 1996, Cases: 23
Date of the event: 02/02/2018	
Location: South Africa; Pretoria	
Disease type: FMD	
Species affected: Cattle	
Significance score: 1.00*	Reporting source: OIE
Event #11	Description: Foot and Mouth Disease was diagnosed in cattle in various areas of Zimbabwe. Areas include: Chegutu, Marondera, Macheke. At-Risk: 1600, Cases: 71
Date of the event: 01/17/2018	
Location: Zimbabwe; Various	
Disease type: FMD	
Species affected: Cattle	
Significance score: 1.00*	Reporting source: OIE
Event #12	Description: African Swine Fever was diagnosed in swine in various areas of Zambia. Areas include: Kasama/Mungwi, Mpika, and Mansa/Samfya. At-Risk: 27134, Cases: 1427, Deaths: 1314. Foot and Mouth Disease was diagnosed in cattle in various areas of Zambia. Areas include: Zambezi, Chavuma, and Kabombo. At-Risk: 44587, Cases: 11555
Date of the event: 01/13/2018	
Location: Zambia; Various	
Disease type: FMD, ASF	
Species affected: Swine, cattle	
Significance score: 1.00*	Reporting source: OIE
Event #13	Description: African Swine Fever was diagnosed in swine in Savanes, Cote d'Ivoire. At-Risk: 2309, Cases: 2309, Deaths: 1920, Destroyed: 389
Date of the event: 01/15/2018	
Location: Cote d'Ivoire; Savanes	
Disease type: ASF	
Species affected: Swine	
Significance score: 1.00*	Reporting source: EMPRES-i
Event #14	Description: Foot and Mouth Disease has caused over 350,000 deaths in cattle since October in various areas of Uganda. Areas include: Mbale, Manafwa, Namisindwa, Bududa, Isingiro, Ibanda, Bushenyi, Kiruhura, Karamoja, and Nakasongola. Dr. Halid Kirunda of the Mbarara Zonal Agricultural Research and Development Institute stated that the outbreak has caused 250 billion Ugandan shillings ($67.5 million) in losses thus far. The outbreak has also caused livestock agricultural workers to lose over 23% of their monthly income.
Date of the event: 02/01/2018	
Location: Uganda; Various	
Disease type: FMD	
Species affected: Cattle	
Significance score: 1.00*	Reporting source: Dispatch Uganda
***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: blue).