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.

Effective this month, we started doing searches for (porcine rotavirus, Porcine epidemic diarrhea virus (PEDV) and Aujeszky's disease/pseudorabies (SuHV1)). However, no relevant news item was identified for any of those diseases and we are still in the process of optimizing the searched for those pathogens.

Monday, March 18, 2018 – Monday, April 23, 2018

**Report highlight**: April saw the addition of Hungary as the seventh country in the EU now with African Swine Fever. It was found in a wild boar that was a considerable distance from known infected populations. Local authorities report that the disease was probably introduced through infected food waste. Pig prices have plunged as external markets; including Serbia, Japan and South Korea have stopped importations or pigs and pork products.

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### Event #1
*Date of the event: 4/06/2018*  
*Location: Poland; Various*  
*Disease type: ASF*  
*Species affected: Wild boar*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: African Swine Fever (ASF) was confirmed in wild boar in various areas of Poland including Lubelskie, Mazowieckie, Warmińsko-Mazurskie, and Podlaskie. The following is the information provided about the affected animal population: 0 at-risk, 11 cases, 11 deaths, 0 destroyed, and 0 slaughtered.

### Event #2
*Date of the event: 4/12/2018*  
*Location: Latvia; Various*  
*Disease type: ASF*  
*Species affected: Wild boar*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: African Swine Fever (ASF) was confirmed in wild boar in various areas of Latvia including Rēzekne, Ventspils, Daugavpils, Jekabpils, Jelgavas, Tukuma, Rigas, Kraslavas, Tabu, Bauskas, Aizkraukles, and Kuldīgas. The following is the information provided about the affected animal population: 0 at-risk, 18 cases, 8 deaths, 10 destroyed, and 0 slaughtered.

### Event #3
*Date of the event: 3/27/2018*  
*Location: South Korea; Kyonggi-do*  
*Disease type: FMD*  
*Species affected: Swine*  
*Significance score: 2*  
*Reporting source: EMPRES-i*

Description: Foot and Mouth Disease (FMD) was confirmed in swine in Kyonggi-do, South Korea. The following is the information provided about the affected animal population: 4059 at-risk, 59 cases, 1 death, 4058 destroyed, and 0 slaughtered.

### Event #4
*Date of the event: 3/28/2018*  
*Location: Vietnam; Mu Cang Chai*  
*Disease type: FMD*  
*Species affected: Swine*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: Foot and Mouth Disease (FMD) was confirmed in various animal species in Mu Cang Chai, Vietnam. The following is the information provided about the affected animal population: 66 buffaloes, 91 cows and 13 infected pigs.

### Event #5
*Date of the event: 3/22/2018*  
*Location: China; Various*  
*Disease type: FMD*  
*Species affected: Swine and cattle*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: Foot and Mouth Disease (FMD) was confirmed in swine and cattle in various areas of China including Guangxi Zhuangzu Zizhiqiu, Xinjiang Uygur Zizhiqiu, Linxia. The following is the information provided about the affected swine population: 51 at-risk, 15 cases, 0 deaths, 51 destroyed, and 0 slaughtered. The following is the information provided about the affected cattle population: 76 at-risk, 8 cases, 0 deaths, 76 destroyed, and 0 slaughtered.

### Event #6
*Date of the event: 2/10/2018*  
*Location: Russia; Various*  
*Disease type: FMD, ASF*  
*Species affected: Wild boar, swine, cattle, small ruminant*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: African Swine Fever (ASF) was confirmed in wild boar and swine in various areas of Russia including Kaliningradskaya Oblast, Vladimirskaya Oblast, and Saratovskaya Oblast. The following is the information provided about the affected animal population: 0 at-risk, 7 cases, 5 deaths, 7 destroyed, and 0 slaughtered. Foot and Mouth Disease (FMD) was confirmed in swine, cattle, and small ruminants in the Chitinskaya Oblast area of Russia. The following is the information provided about the affected swine population: 256 at-risk, 67 cases, 0 deaths, 256 destroyed, and 0 slaughtered. The following is the information provided about the affected small ruminant population: 377 at-risk, 0 cases, 0 deaths, 0 destroyed, and 0 slaughtered.

### Event #7
*Date of the event: 4/11/2018*  
*Location: Czech Republic; Jihomoravsky*  
*Disease type: ASF*  
*Species affected: Wild boar*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: African Swine Fever (ASF) was confirmed in wild boar in Jihomoravsky, Czech Republic. The following is the information provided about the affected animal population: 0 at-risk, 3 cases, 3 deaths, 0 destroyed, and 0 slaughtered.

### Event #8
*Date of the event: 4/18/2018*  
*Location: Vietnam; Mu Cang Chai*  
*Disease type: FMD*  
*Species affected: Swine*  
*Significance score: 1.00*  
*Reporting source: EMPRES-i*

Description: Foot and Mouth Disease (FMD) was confirmed in cattle in Kibbutz Gazit, Israel. The following is the information provided about the affected animal population: 0 at-risk, 0 cases, 0 deaths, 0 destroyed, and 0 slaughtered.
<table>
<thead>
<tr>
<th>Date of the event: 4/2/2018</th>
<th>Location: Israel; Kibbutz Gazit</th>
<th>Disease type: FMD</th>
<th>Species affected: Cattle</th>
<th>Significance score: 1.00*</th>
<th>Reporting source: EMPRES-i</th>
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</thead>
<tbody>
<tr>
<td><strong>Event #9</strong></td>
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<tr>
<td>Date of the event: 1/28/2018</td>
<td>Location: Mongolia; Various</td>
<td>Disease type: FMD</td>
<td>Species affected: Cattle, goats, and sheep</td>
<td>Significance score: 1.00*</td>
<td>Reporting source: EMPRES-i</td>
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<td><strong>Event #10</strong></td>
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<tr>
<td>Date of the event: 3/12/2018</td>
<td>Location: Ukraine; Various</td>
<td>Disease type: ASF</td>
<td>Species affected: Cattle, goats, and sheep</td>
<td>Significance score: 1.00*</td>
<td>Reporting source: EMPRES-i</td>
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<td><strong>Event #11</strong></td>
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<tr>
<td>Date of the event: 3/23/2018</td>
<td>Location: Zambia; Various</td>
<td>Disease type: FMD</td>
<td>Species affected: Cattle</td>
<td>Significance score: 1.00*</td>
<td>Reporting source: EMPRES-i</td>
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<td><strong>Event #12</strong></td>
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<td>Date of the event: 5/25/2017</td>
<td>Location: Democratic Republic of the Congo; Various</td>
<td>Disease type: FMD</td>
<td>Species affected: Cattle</td>
<td>Significance score: 1.00*</td>
<td>Reporting source: EMPRES-i</td>
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<td><strong>Event #13</strong></td>
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<tr>
<td>Date of the event: 4/11/2018</td>
<td>Location: Colombia</td>
<td>Disease type: FMD</td>
<td>Species affected: Cattle</td>
<td>Significance score: 1.00*</td>
<td>Reporting source: Colombian Agricultural Institute (ICA)</td>
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<td><strong>Event #14</strong></td>
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<tr>
<td>Date of the event: 4/11/2018</td>
<td>Location: Hungary; Heves; Gyongyos</td>
<td>Disease type: ASF</td>
<td>Species affected: Wild boar</td>
<td>Significance score: 2.00*</td>
<td>Reporting source: OIE</td>
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</tbody>
</table>

*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).