African Swine Fever (ASF)
Report N° 18: May 10 – 23, 2019
World Animal Health Information and Analysis Department

ASF SITUATION

The presence of ASF is notified to the OIE by its Members through the Six-monthly reports (as sufficiently stable) or through Immediate Notifications (IN’s) and Follow-up reports (FUR’s), when considered as an exceptional event. In 2018, this disease was notified through the six-monthly reports in 3 countries in Europe (Estonia, Italy and Lithuania) and 22 countries in Africa1. South Africa and Zambia notified the disease in 2018 through the Six-monthly reports and through IN and FUR’s. This report presents an overview of the events notified through the OIE’s Early Warning System (EWS) by means of IN and FUR’s. This information is publicly available2. A classification of the affected population (by wild boar, backyard and farm swine) was made considering their different roles in the epidemiology of the disease.

1. Spatial distribution

Figure 1. ASF outbreaks reported through the EWS within the period. The outbreaks notified between May 10 to 23 are pointed with a higher color intensity compared to the ongoing outbreaks (lighter colors).

In this period, 2,607 new outbreaks were notified. The total of ongoing ASF outbreaks worldwide is now 3,972. In the previous report, 157 were notified as new, while 1,322 outbreaks were ongoing.

2. Impact of the disease

In this period, almost the totality of all losses (1,555,912 of 1,557,208 animals) occurred in Asia, where Vietnam alone notified 1,555,407 losses. Europe reported 1,127 losses, mainly from Ukraine (1,063). In Africa, South Africa notified 169 losses.

Figure 2. Losses* due to ASF outbreaks notified through WAHIS within the period (May 10-23, 2019).
The impact of this disease is measured in terms of losses*, which are calculated by the sum of dead and culled animals from the infected farm or backyard premises of the reported outbreak.

3. Changes in the epidemiological situation

Countries/Territories with new or ongoing outbreaks in the current period: 11 Countries/Territories notified new or ongoing outbreaks through immediate notifications and follow-up reports, 7 in Europe (Belgium, Hungary, Latvia, Poland, Romania, Russia and Ukraine); 3 in Asia (China (People’s Republic of), Hong Kong (SAR - PRC) and Vietnam) and South Africa in Africa.

Asia
China (People’s Republic of) notified two new outbreaks (one in Guizhou and another in Sichuan). Vietnam updated the ASF situation in the country, notifying 2501 new outbreaks in this period (reporting clusters of up to 357 outbreaks in Ha Noi). The massive number of outbreaks reported reflects a great impact of the disease in the country. Cambodia notified all outbreaks as resolved.

On May 12, Hong Kong (SAR - PRC) submitted an Immediate Notification (IN), notifying the first occurrence of ASF. According to the information submitted, one infected pig was detected in a slaughterhouse. The case was detected on May 2 and confirmed on May 10.

Europe
In this region, a targeted surveillance program is continuing. Often, a single case in wild boar is notified as a single outbreak, and is usually notified as resolved immediately. In total, 101 new outbreaks were reported in the region, from which 9 remain ongoing in domestic pigs and only one in wildboar.

Africa
South Africa reported two new outbreaks in the provinces of Gauteng and Free State.

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2 WAHIS interface