

Core Group Report – October 2020

Date: 06 November 2020.

Deteriorating	No Change	Improving	Undetermined
Situation is deteriorating and / or there is an increased risk to the UK	Update does not change the disease risk for animal health	Situation is improving or seasonal risk is decreasing	New incident or emerging disease / threat with unknown risk to UK

Foot and Mouth Disease

Low risk – no change

In October, there was one outbreak in Botswana (serotype SAT1), four outbreaks in Namibia (SAT2), and one outbreak in Zimbabwe (not typed). There were three outbreaks in Turkey (serotype O).

Highly Pathogenic Avian Influenza

Medium risk for wild bird incursion – deteriorating

In October, outbreaks of HPAI were reported in domestic poultry and wild birds in **Europe**: Germany HPAI H5 (4) and HPAI Untyped (1), Netherlands HPAI H5 (5), and Russia HPAI H5N8 (10). In **Asia**, outbreaks were reported in domestic poultry of HPAI H5N8 in Israel (9), HPAI H5 in wild birds in Kazakhstan (3), and in poultry in Vietnam HPAI H5N1 (1) and HPAI H5N6 (3).

For the **latest situation in Europe**, see our most recent Outbreak Assessment at: <https://www.gov.uk/government/publications/avian-influenza-bird-flu-in-europe>

African Swine Fever

Medium risk – no change

In October, in **Europe**, reported outbreaks of ASF in domestic pigs have continued in Bulgaria (1), Moldova (1), Poland (5), Romania (109), Russia (12), and Ukraine (3). Reports of wild boar continue in Bulgaria (22), Estonia (4), Germany (80), Hungary (72), Latvia (27), Lithuania (21), Poland (144), Romania (23), Russia (10), and Slovakia (21). In **Asia**, China has reported new outbreaks of ASF in domestic pigs (2) as well as South Korea (2). Reports of wild boar continue in South Korea (30). In **Africa**, there were three outbreaks reported in domestic pigs in South Africa.

For the latest situation update for Europe, see our latest Outbreak Assessment at:

<https://www.gov.uk/government/publications/african-swine-fever-in-pigs-and-boars-in-europe>, and in Asia: <https://www.gov.uk/government/publications/african-swine-fever-in-pigs-in-china>

Classical Swine Fever

Very low risk – no change

In October, Japan reported no new outbreaks in domestic pigs, and there were no new wild boar reports. Elsewhere, outbreaks in domestic pigs were reported in Brazil (2).

Bluetongue

Low risk – no change

In October, in **Europe** there were outbreaks of **BTV-8** in France (28), Germany (2), and Luxemburg (2), Spain (3) and Switzerland (1), and **BTV-4** in Bosnia and Herzegovina (1), Bulgaria (3), Croatia (16), Greece (42), Italy (21), North Macedonia (12), and Serbia (6). Elsewhere, BTV-4 was reported in Algeria (2). For the latest situation update, see our Outbreak Assessment at: <https://www.gov.uk/government/publications/bluetongue-virus-in-europe>

Newcastle disease

Low risk – no change

In October, two outbreaks of Newcastle Disease were reported in Russia and eight outbreaks of Newcastle Disease reported in Israel.

African Horse Sickness

Very low risk – no change

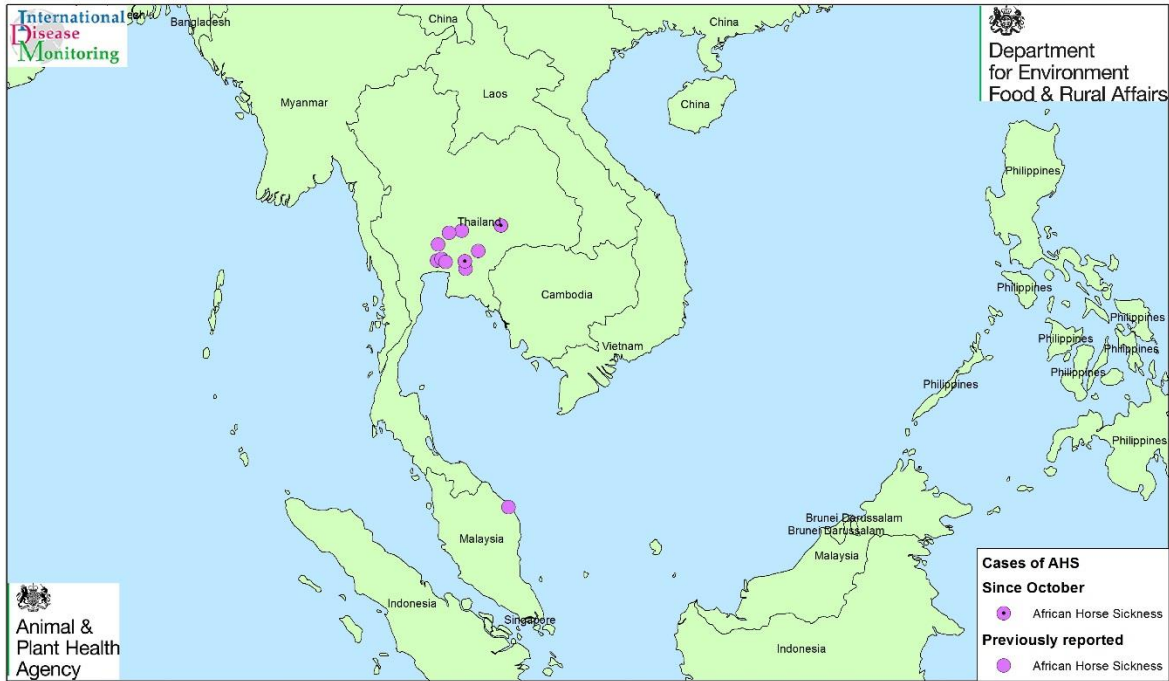
In October, two outbreaks of AHS were reported in Thailand.

West Nile virus

Very low risk – no change

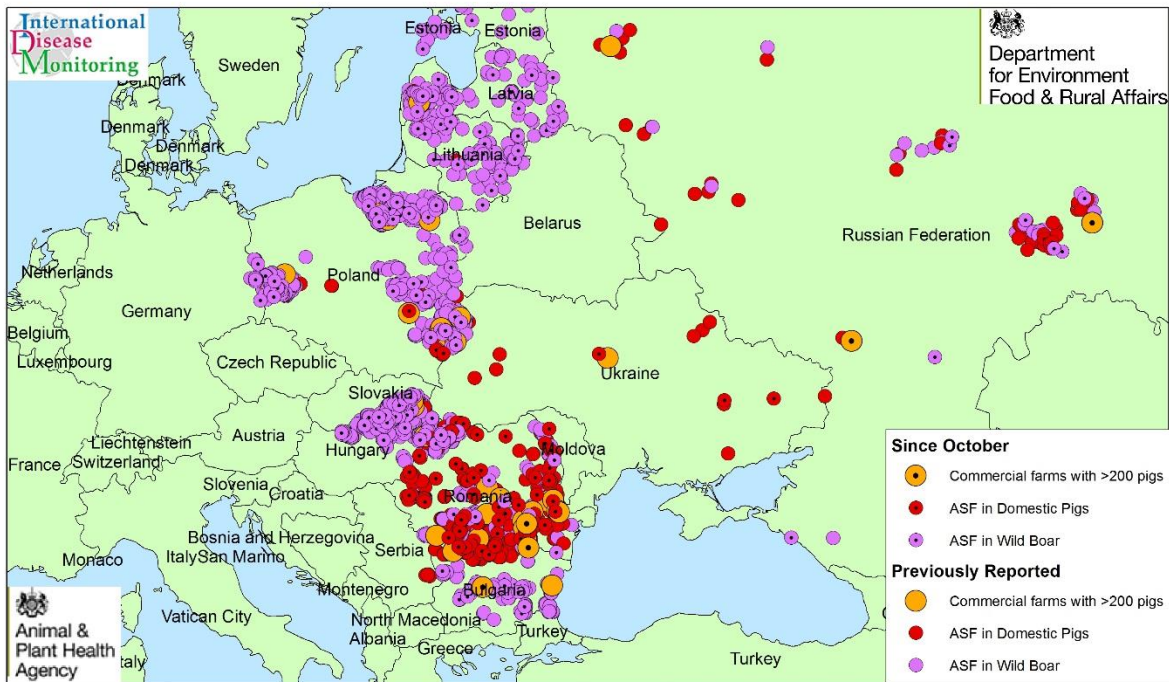
According to ECDC, since the start of the 2020 transmission season and as of 29 October 2020, EU Member States have reported 308 human cases of WNV infection, including 36 deaths: Greece (143, including 22 deaths), Spain (76, including 7 deaths), Italy (66, including 5 deaths), Germany (12), Romania (6, including one death), Hungary (3), Bulgaria (1,

including 1 death) and the Netherlands (1). The province of Pazardzhik in Bulgaria, the province of Badajoz in Spain, the region of Utrecht in the Netherlands and five regions in Germany (Barnim, Ostprignitz-Ruppin, Saalekreis, Halle (Saale) and Meissen) reported locally-acquired human cases of WNV infection for the first time. All other cases were reported from areas that have been affected during previous transmission seasons. No cases have been reported from EU neighbouring countries. In the same period, outbreaks in horses have been reported by Austria, France, Germany, Hungary, Italy, Portugal and Spain. In October, outbreaks in horses have been reported in Austria (2 reports – one of these was a horse), France (2, on the island of Corsica), Germany (4), Italy (1), Portugal (1), Spain (33), and wild birds in Bulgaria (2). For the latest situation update, see our Outbreak Assessment at: <https://www.gov.uk/government/publications/west-nile-virus-in-germany>



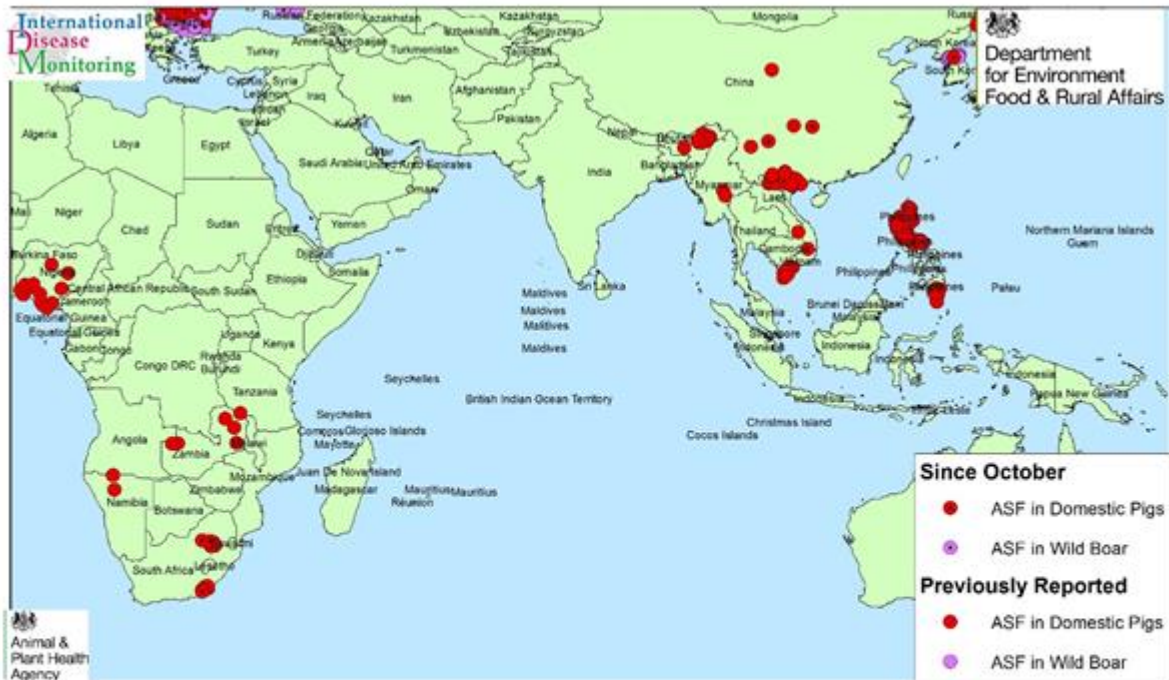
Date: 02/11/2020
 Map prepared by IDM

African horse sickness in Southeast Asia, May - October 2020



Map prepared by IDM
 Date: 02/11/2020
 Absolute scale: 1:20,000,000

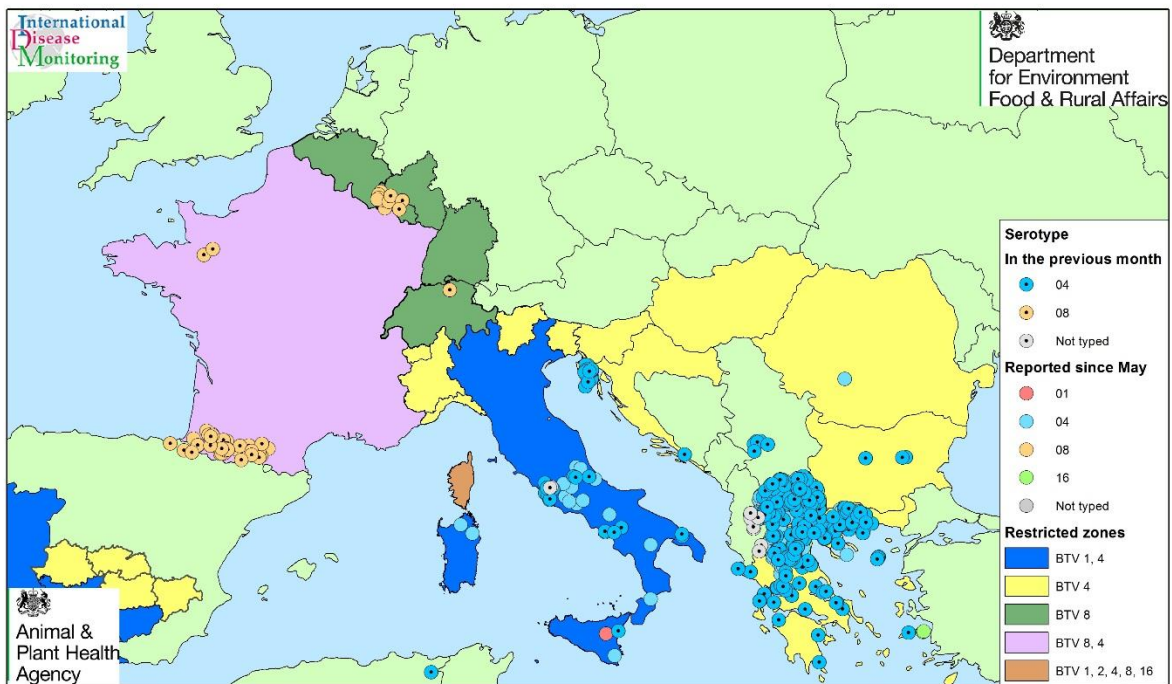
African swine fever in Europe May - October 2020



Map prepared by IDM
 Date: 02/11/2020
 Absolute scale: 1:60,000,000

African swine fever
 May - October 2020

0 415 830 1,660 2,490 3,320 Km



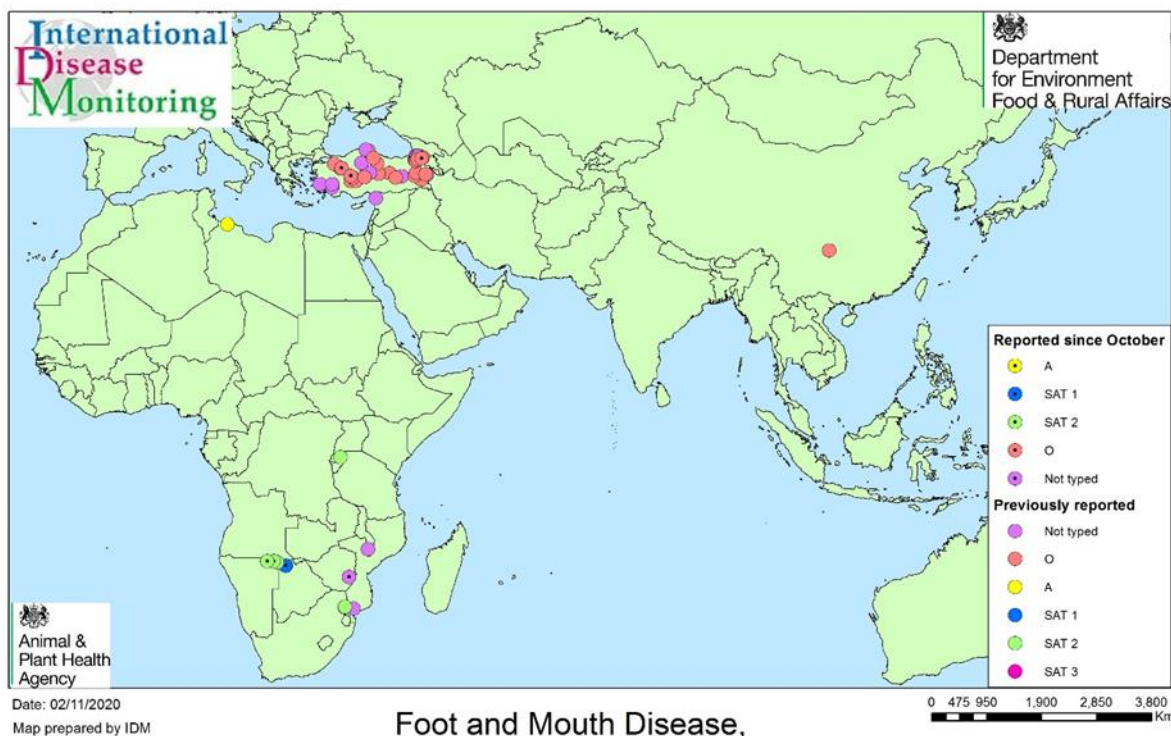
Date: 02/11/2020
 Map prepared by IDM

Bluetongue disease in Europe: May - October 2020

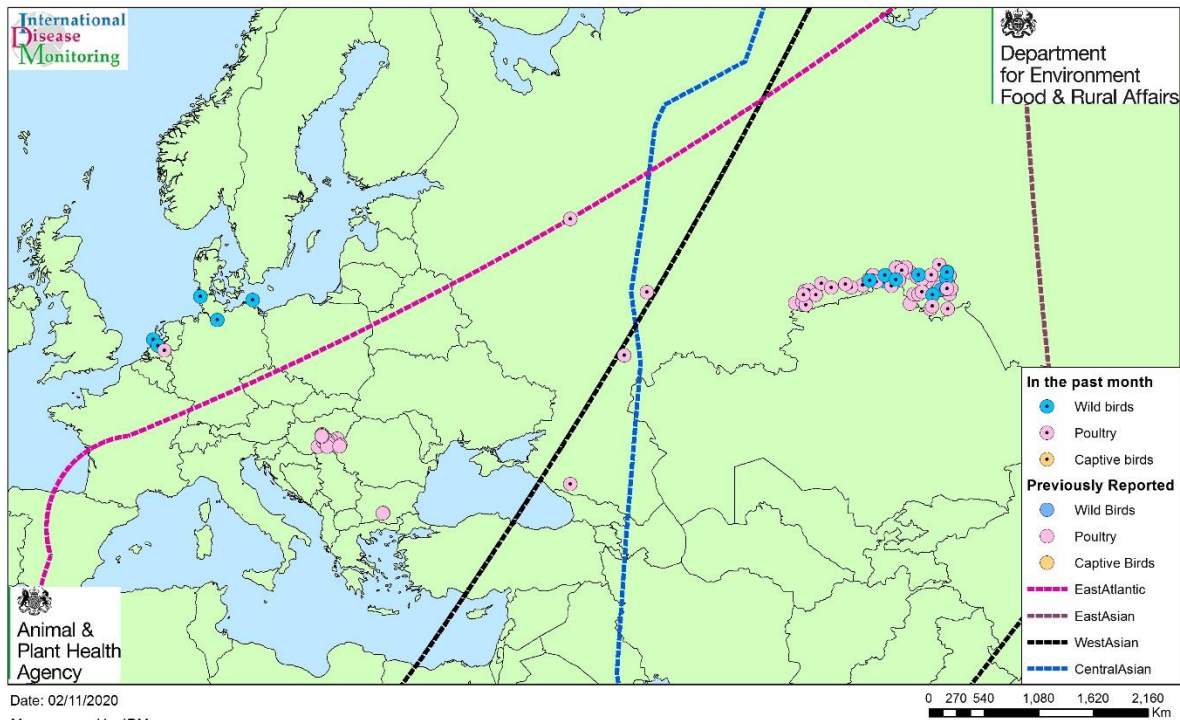
0 115 230 460 690 920 Km



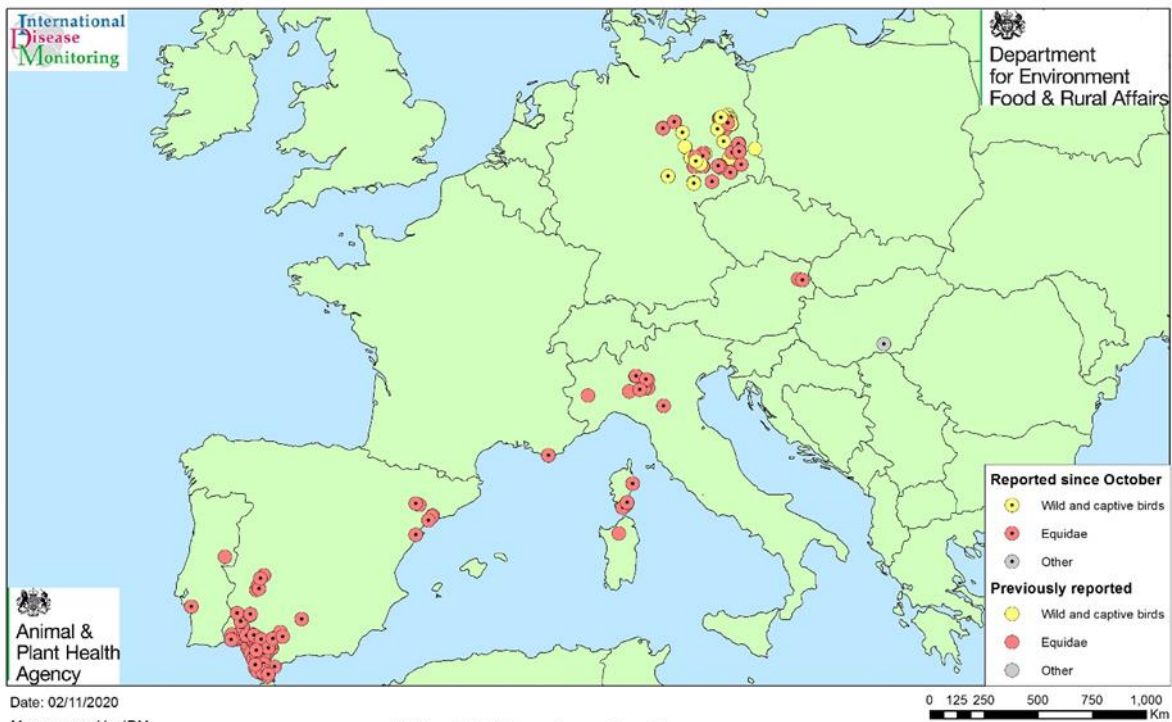
Classical swine fever disease in Japan, May - October 2020



Foot and Mouth Disease, May - October 2020



Highly pathogenic avian influenza in Poultry, Captive and Wild birds
 May - October 2020
 Overlay: migratory bird flyways



West Nile virus in Europe
 May - October 2020