



Highly pathogenic avian influenza in Germany

Current Situation

SCoPAFF-meeting on 19.11.2020

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Situation before November 2020

- Germany was considered until 4th November a country with free status as regards avian influenza.
- The HPAI-Event from February and March 2020, was successfully closed and Germany declared with effect from 1st July 2020 to the OIE its free status as regards avian influenza according to Article 10.4.3 of the Terrestrial Code.
- In that spring 2020 three outbreaks occurred in poultry and two outbreaks in non-poultry holdings
- Two positive cases have been confirmed in wild birds
- In all five outbreaks the serotype H5N8 has been detected.

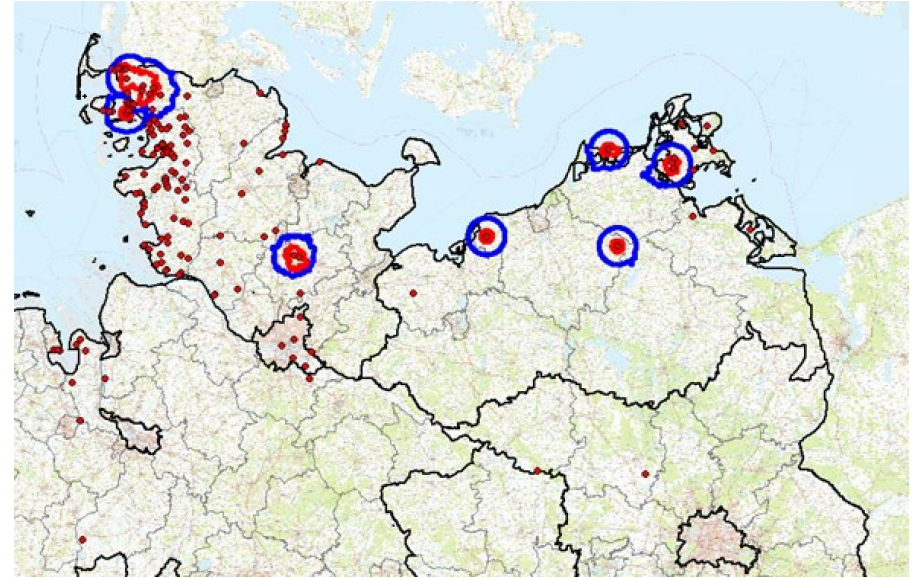
Situation in **wild** birds October-November 2020

- In 2019 **wild** birds HPAI has been confirmed since 1st October 2020 up to 18th November 2020 (6:00 p.m.)
- The northern territory of Germany mainly at the coast of the North Sea and of the Baltic Sea is mainly affected due to the presence of a high number of migratory birds infected.
- Serotypes H5N5 and H5N8 have been detected in both in migratory and in sedentary wild birds.
- Five Länder affected:
Brandenburg, Hamburg, Lower Saxony, Mecklenburg-Western Pomerania and Schleswig-Holstein.



Current epidemiological situation in poultry

- HPAI outbreaks in poultry holdings confirmed: 9 cases
- Total number of poultry in the infected holdings: 73.742
- Species and categories of animals:
 - laying hens,
 - poultry for fattening: broiler, turkey, ducks and geese



- Affected 3 Länder: Lower Saxony, Mecklenburg-Western Pomerania and Schleswig-Holstein,
- HPAI serotypes detected: H5N5 in a singular case and H5N8 in nine cases

Table outbreaks in poultry – 18.11.2020

HPAI in poultry 04 - 18 November 2020						
Outbreak	Land	District	Number poultry in the flock		Date confirmation outbreak	Serotype
1	Schleswig-Holstein	Nordfriesland	68	small holding	04.11.2020	H5N8
2	Schleswig-Holstein	Segeberg	36	small holding	09.11.2020	H5N8
3	Mecklenburg-Western Pomerania	Vorpommern-Rügen	67	small holding	10.11.2020	H5N5
4	Mecklenburg-Western Pomerania	Vorpommern-Rügen	257	small holding	12.11.2020	H5N8
5	Mecklenburg-Western Pomerania	Rostock	2.865	laying hens	15.11.2020	H5N8
6	Mecklenburg-Western Pomerania	Vorpommern-Rügen	16.100	broiler	16.11.2020	H5N8
7	Mecklenburg-Western Pomerania	Rostock	52.967	laying hens	16.11.2020	H5N8
8	Schleswig-Holstein	Nordfriesland	1.339	broiler, ducks gees fattening	16.11.2020	H5N8
9	Lower Saxony	Aurich	43	small holding	17.11.2020	H5N8
	Länder: 3	Districts: 6	73.742			

First confirmed case in poultry

- First confirmed case in poultry on 4th November 2020
- district Nordfriesland located on the island of Oland
- non-commercial holding with 68 laying hens of different ages
- eight of them died
- several other hens have showed clinical signs.



First confirmed case in poultry

- Control measures according to Council Directive 2005/94/EC have been taken.
- A ban of movement of poultry and products thereof from the affected holding was imposed by the competent authority already due to suspicion.
- On 05.11.2020 culling and disposal of the entire flock and established protection zone (>3 km radius) and surveillance zone (>10 km)
- in the protection zone just one other holding with 25 poultry.
- In the surveillance zone 116 holdings with a total number of 5.034 poultry.



Control measures taken

Council Directive 2005/94/EC

Immediate application of restriction of movement for animals and products

- epidemiological investigations,
 - Source of introduction of the virus unknown – infected wild water birds suspected due to epidemiological situation
 - No intracommunity trade or export within the epidemiologic relevant period
- Culling of all birds in the holding,
- Cleaning and disinfection etc.
- Visits and clinical examination of the holdings in the protection zone
- Restriction of movement etc.

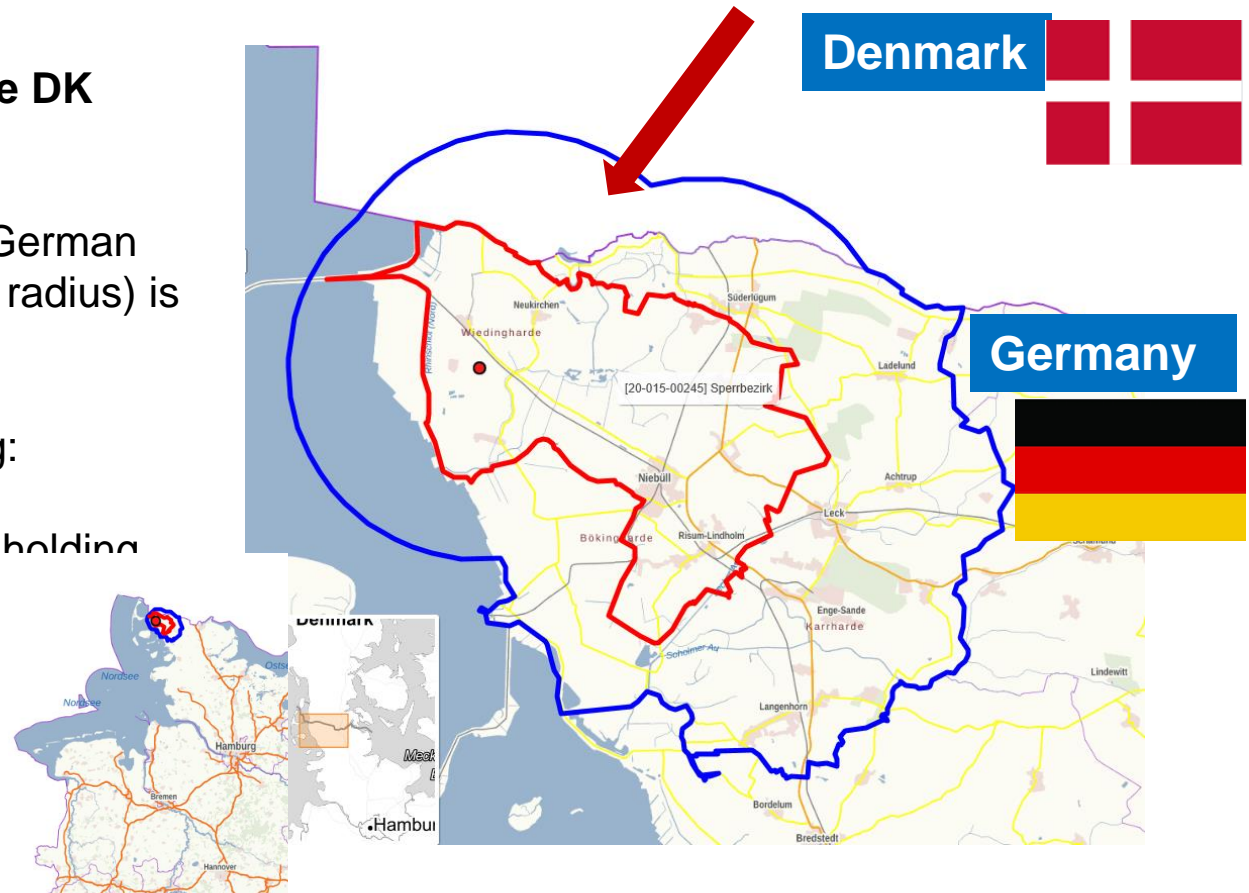
Measures taken to mitigate the risk of transmission from wild birds to poultry

- Increase of awareness of keepers of poultry and of other captive birds,
- Compliance with the biosecurity measures
- Ban of free range keeping of poultry in the high risk areas where the presence of migratory wild birds is present or expected,
- Passive and active monitoring will be continued intensively as well in high risk areas as in the rest of the country
- Preparation of the veterinary authorities

Outbreak in the vicinity of the Danish border

- Notification ADNS
serial number: 2020/11
- **Outbreak H5N8** – 16.11.2020
- District: Nordfriesland
Emmelsbühl-Horsbüll
- **Just 5 km away from the DK border!**
- The northern part of the German surveillance zone (10 km radius) is accordingly shorter.
- 1.339 poultry for fattening:
(broiler, ducks, geese)
- All poultry of the infected holding have been culled and disposed of on 17.11.20

Notification from Germany via e-mail done to:
The Ministry of Environment and Food of Denmark
Danish Veterinary and Food Administration
Animal Health Division



Summary

- Epidemiological situation is still dynamic due to the high number of migratory wild birds infected
- Surveillance is carried out intensively
- Necessary measures in order to control and eradicate the disease in the infected holdings and in the restricted zones have been carried out
- Measures to mitigate the risk of transmission from wild birds to poultry have been taken

Thank you for your attention!

