



**MINISTÈRE
DE L'AGRICULTURE
ET DE LA SOUVERAINETÉ
ALIMENTAIRE**

*Liberté
Égalité
Fraternité*

HIGHLY PATHOGENIC AVIAN INFLUENZA

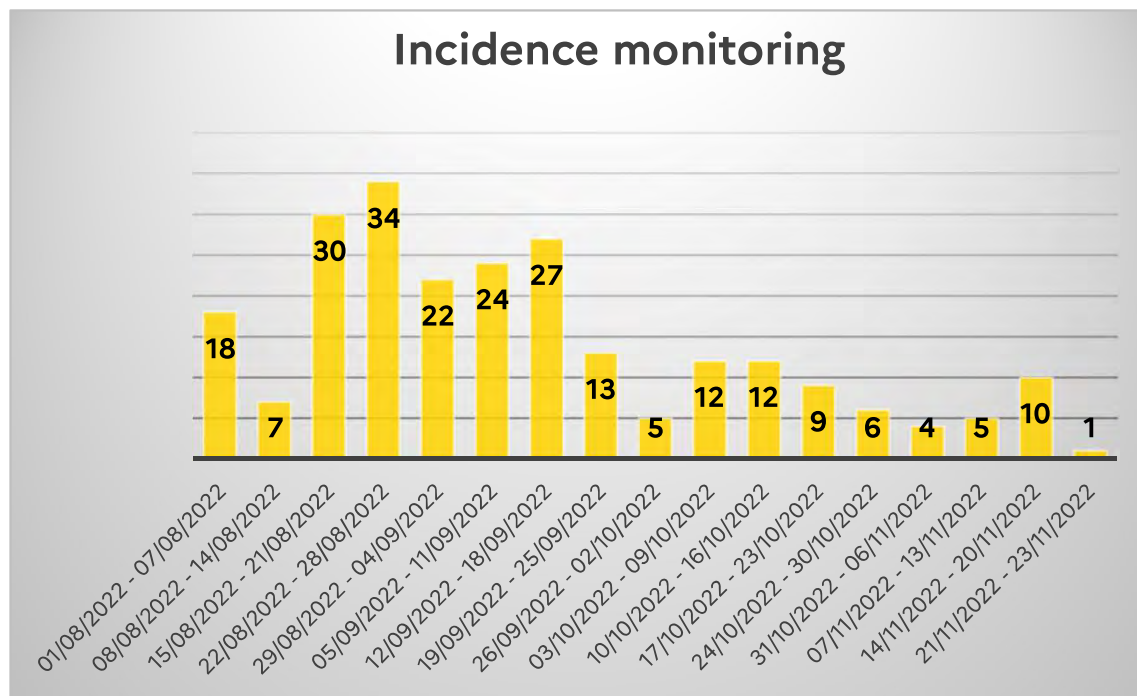
SITUATION IN FRANCE

SCoPAFF
November, 29 2022

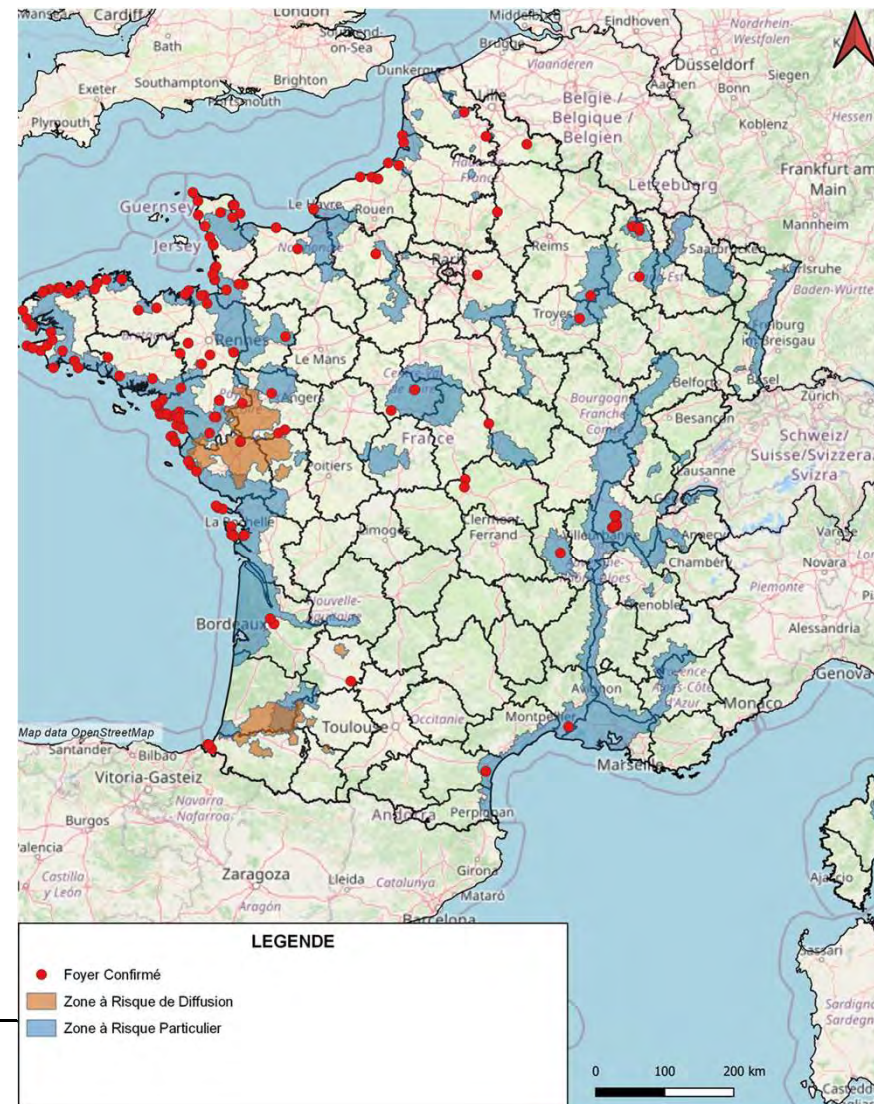
- **HPAI situation as of 23 November**
- **Phylogenetic analysis**
- **Prevention and Control measures**

HPAI in wildlife since 1 August 2022

154 cases since 1 August 2022*



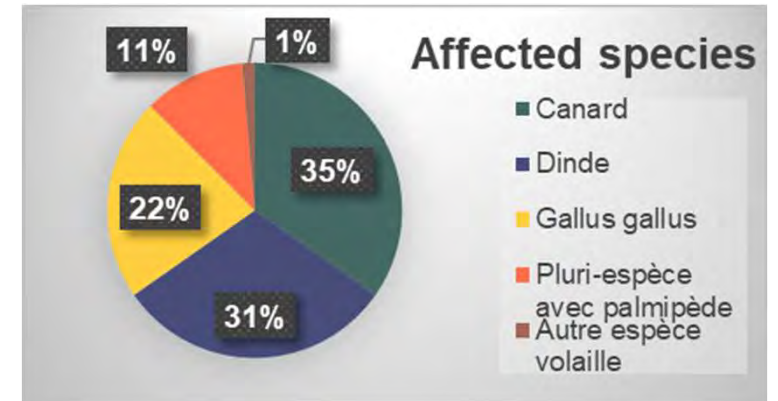
*As of 23 November 2022



HPAI in poultry since 1 August 2022

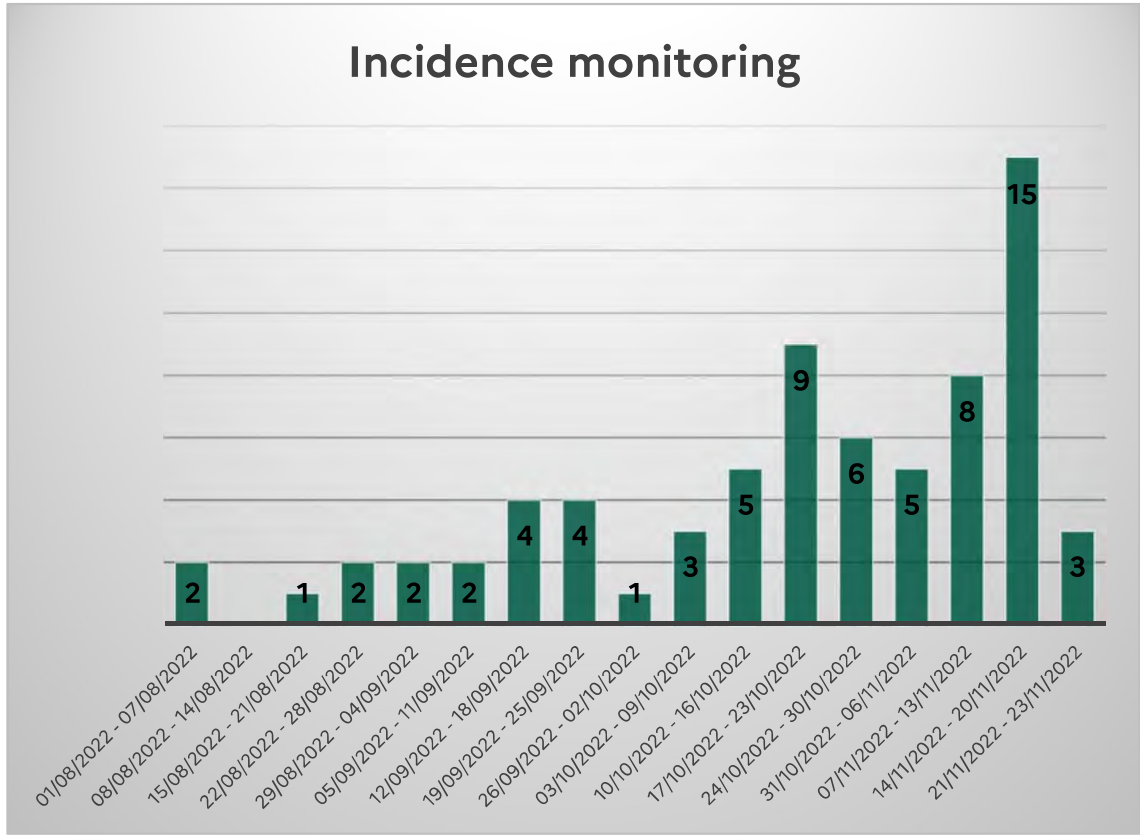
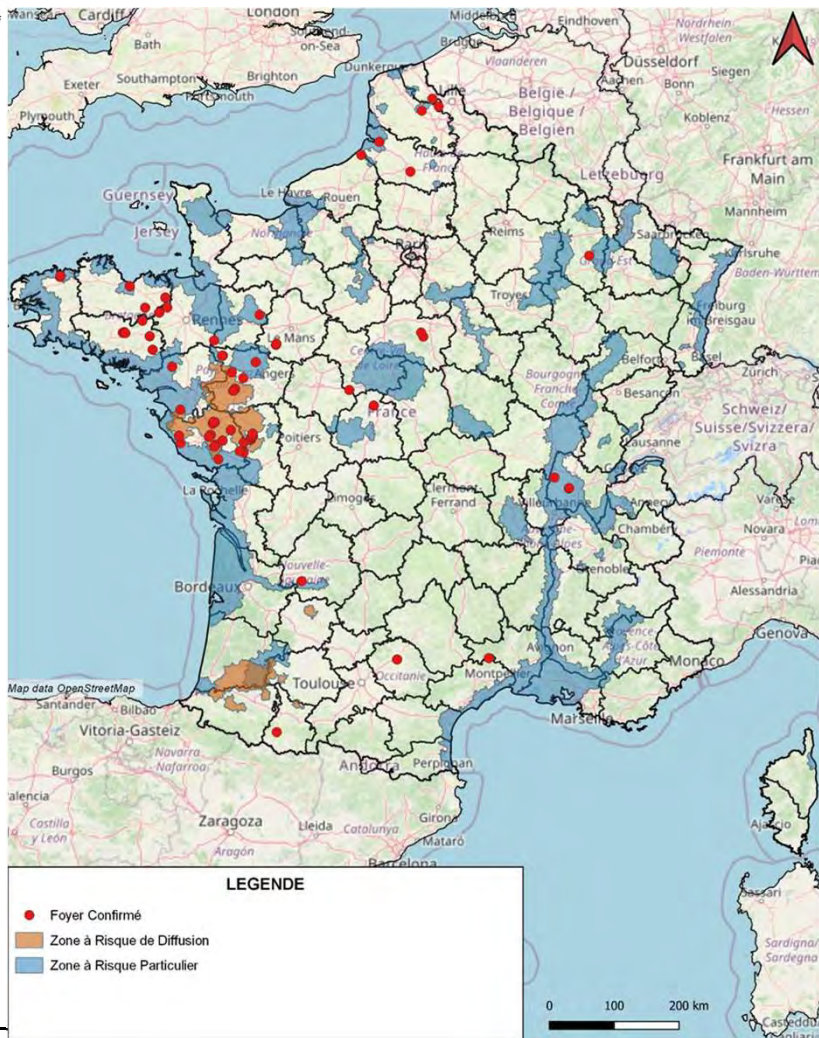
Poultry outbreaks since 1 August 2022 : 72

French Regions	Number of outbreaks
Auvergne-Rhône-Alpes	3
Bretagne	15
Centre-Val de Loire	5
Grand Est	1
Hauts-de-France	6
Île-de-France	1
La Réunion	1
Normandie	2
Nouvelle-Aquitaine	8
Occitanie	1
Pays de la Loire	29
Total	72



Species	Number of outbreaks
Canard (Duck)	25
Dinde (Turkey)	22
Gallus gallus	16
Pluri-espèce avec palmipède (Multispecies with palmipeds)	8
Autre espèce volaille (other poultry)	1
Total	72

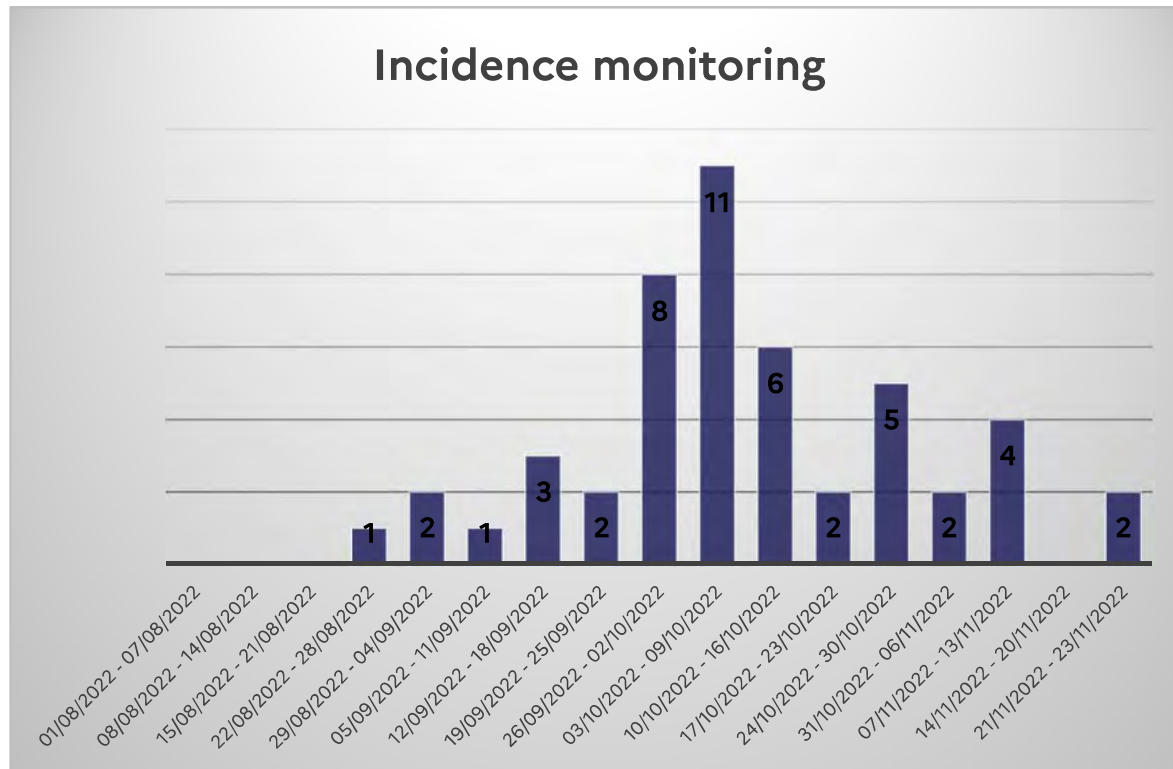
HPAI in poultry since 1 August 2022



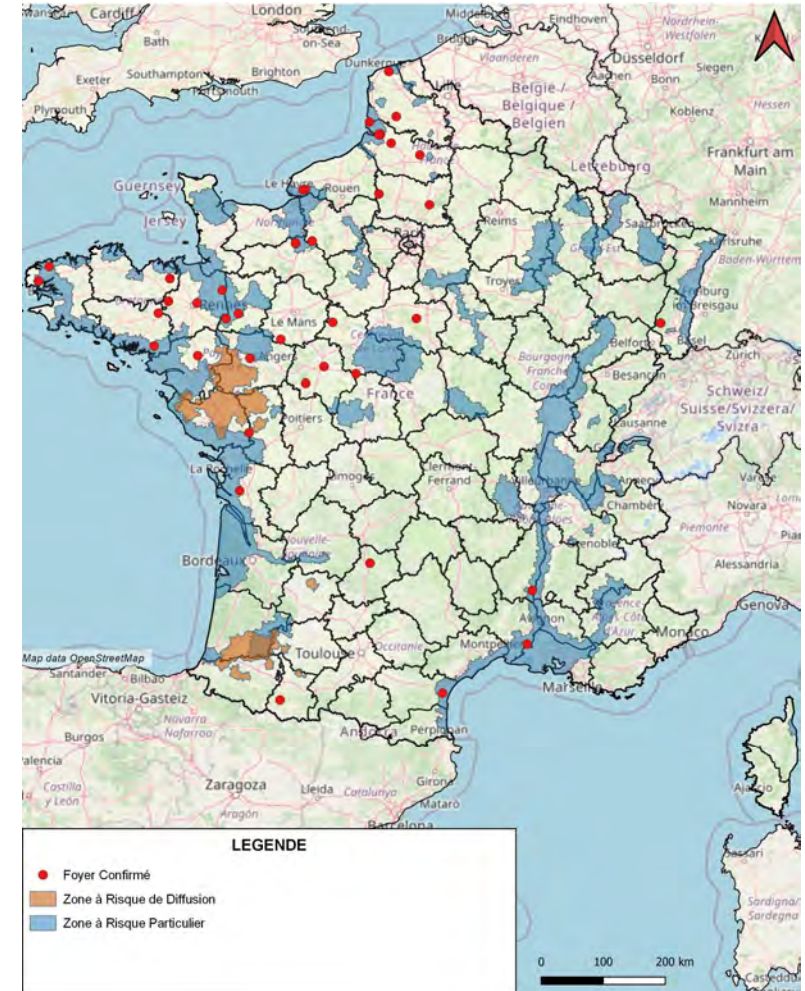
La Réunion

HPAI in captive birds since 1 August 2022

49 outbreaks since 1 August 2022*



*As of 23 November 2022



Phylogenetic analysis

- A total of 11 genotypes defined in France (FR1 to FR11)
- FR2 genotype detected many times (predominant in Europe)
- ▶ **Strong pressure in the introduction of the HPAI H5N1 virus on the national territory**
- New introductions of FR2 genotypes on the national territory and,
- The phylogenetic cluster of FR2 genotype linked to H5N1 HP in Brittany continues to circulate and is expanding geographically.

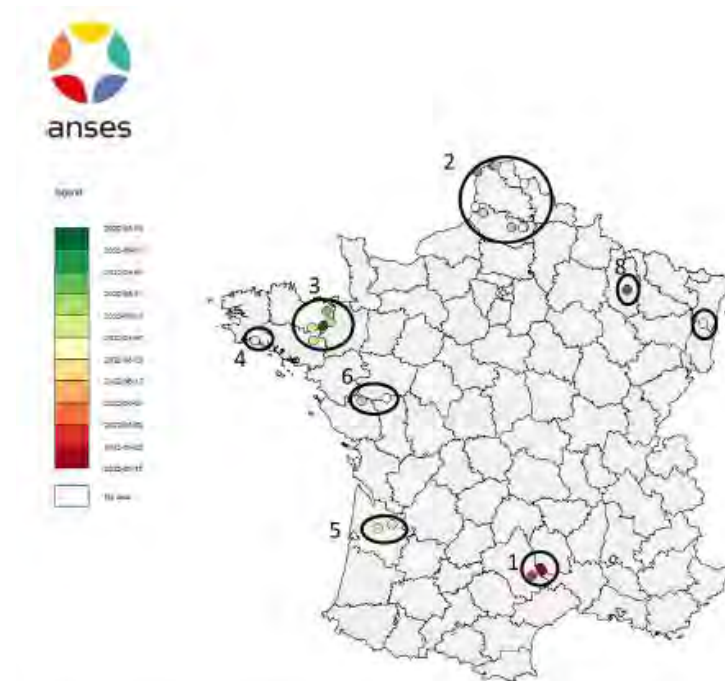


Figure 4 : Répartition géographique et temporelle des cas d'infection à virus IAHP A(H5N1) de génotype FR2 séquencés entièrement entre le 11 mai et septembre 2022. Le détail des zones encadrées et numérotées correspondent au paragraphe et sous-paragraphe « H5N1 HP (génotype FR2) ».

Prevention measures

National Decree of 08 November 2022: HPAI High risk level

 Strengthening of prevention measures throughout the territory:

- Sheltering of all kept birds
- Daily surveillance on holdings carried out taking into account alert criteria (article 5, national decree of 16 March 2016).
- No gathering of birds
- No racing pigeon competition
- Movement limitation of decoys and bird release for hunting purpose

Prevention measures in palmipeds sector

 National Decree of 29 September 2021

Compulsory autocontrols

- **Areas at risk of spreading (ZRD):** HPAI virological screening of fattening palmipeds within 72 hours before movement

+ Voluntary measures by palmipeds sector

- **Autocontrols before movements :**
 - 72h in all risk areas (ZRD/ZRP)
 - 5 days in non-risk areas
- **Lowering palmipeds density in all risk areas (ZRD/ZRP) :** Reduction in the number of batches

Risk areas

Areas at risk of HPAI introduction (ZRP) = wetland areas crossed by migration corridors

Areas at risk of spreading (ZRD) = high density areas

zones à risque particulier (ZRP) et à risque de diffusion (ZRD)



Prevention and control measures:

Reinforcement on national measures and regional approach

► **France:** Prevention and control measures to be applied in view of the current epizootic situation

Technical instruction DGAL/SDSBEA/2022-851

► **Pays de la Loire / Bretagne:** Prevention and control measures to be applied in Brittany and Pays de la Loire regions

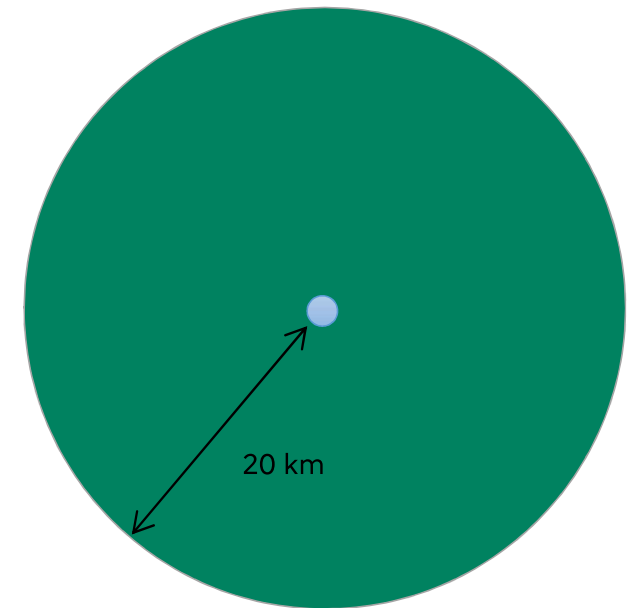
Technical instruction DGAL/SDSBEA/2022-852

Prevention and control measures: France (1/2)

Measures applied in infected zones (wild bird outbreak) :



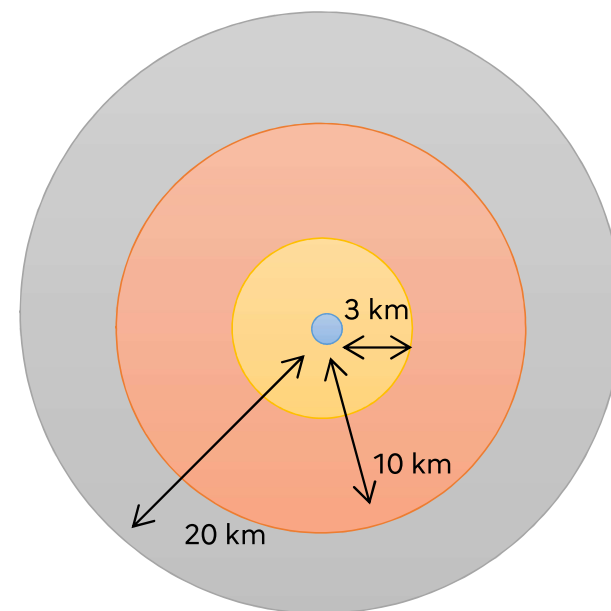
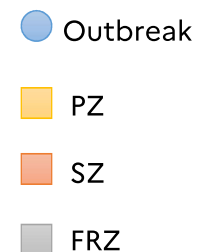
- ✓ **Enlarged Infected zone :**
 - minimum 20 km around infected wild birds
- ✓ **Enhanced biosecurity in farms**
- ✓ **Active surveillance (autocontrols) in farms and before movements**
- ✓ **Enhanced biosecurity during hunting activities**



Prevention and control measures: France (2/2)

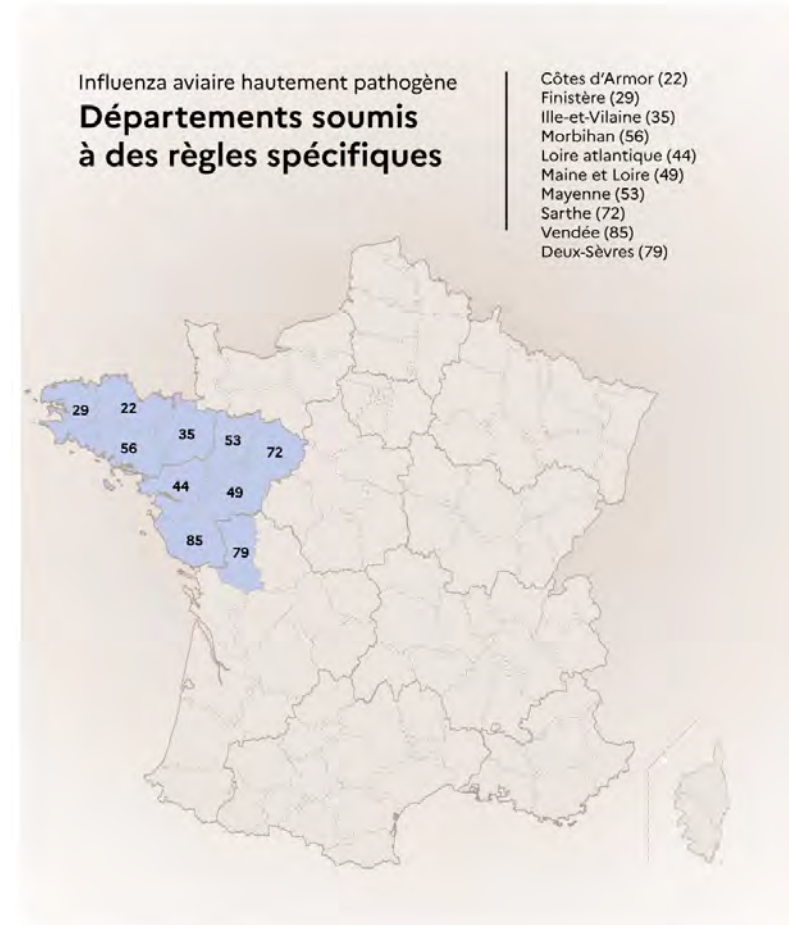
Measures applied in restricted zones around poultry outbreaks :

- ✓ Enlarged restricted zones :
 - Protection zone : 3 km
 - Surveillance zones : 10 km
 - Further restricted zone : 20 km
- ✓ Enhanced biosecurity in farms
- ✓ Active surveillance (autocontrols) in palmipeds farms
- ✓ Movement restrictions
- ✓ Enhanced biosecurity during hunting activities
- ✓ Preventive peri-focal depopulation within a radius of 3 km if outbreak located in ZRD or within 30 km of a ZRD: all poultry into 1 km / palmipeds into 3 km
- ✓ FRZ : intra-UE movement authorized in application of art 3 bis Decision 2021/641



Bretagne et Pays de la Loire (1/2)

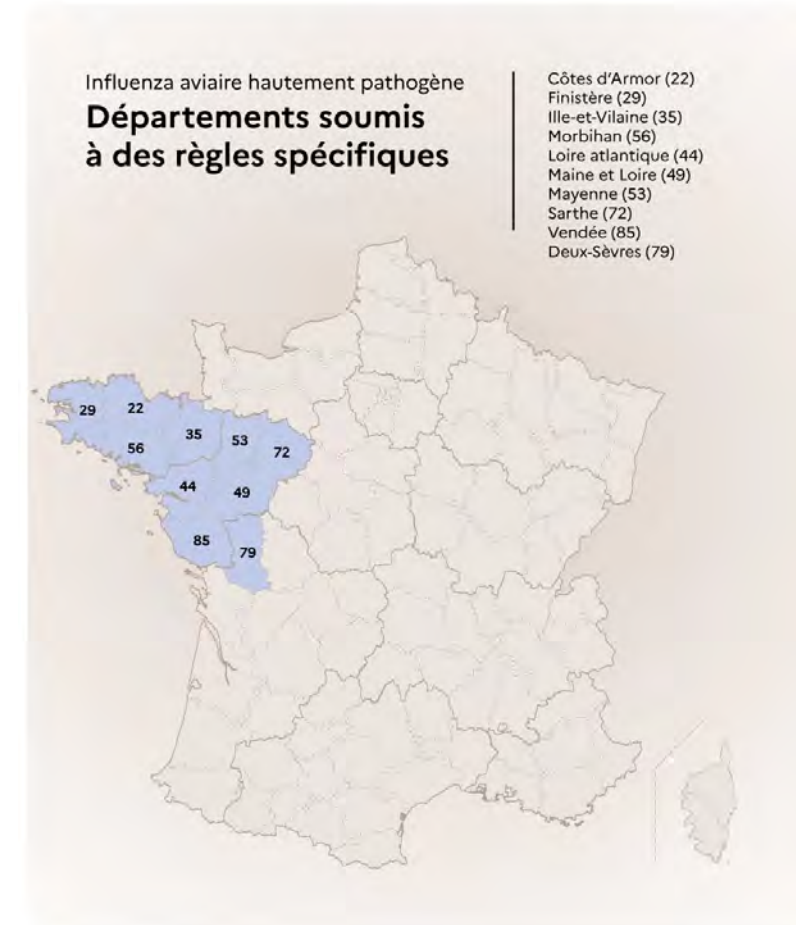
- **Enlarged infected zone (IZ)** on all territory of Brittany and Pays de la Loire departments
 - ✓ Enhanced biosecurity in farms
 - ✓ Active surveillance in palmipeds farms (autocontrols)
 - ✓ Restriction of movements (autocontrols)
 - ✓ Enhanced biosecurity during hunting
- **If poultry outbreak : PZ (3 km) and SZ (10 km)** are superimposed to the IZ.
 - ✓ Preventive peri-focal depopulation within a 10 km radius if outbreak located in ZRD or within 30 km of a ZRD: 1 km all poultry / palmipeds and turkeys within 10 km



Bretagne et Pays de la Loire (2/2)

Lowering poultry densities:

- **In areas at risk of spreading (ZRD):**
 - by extending the fallowing by 3 weeks for all palmipeds farms.
- **In restricted zones around poultry outbreaks (PZ and SZ):**
 - by prohibiting the re-establishment ban in all palmiped and turkey farms for 3 weeks after the lifting of the restricted zones.



Thank you for your attention

