



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

*Liberté
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HIGHLY PATHOGENIC AVIAN INFLUENZA

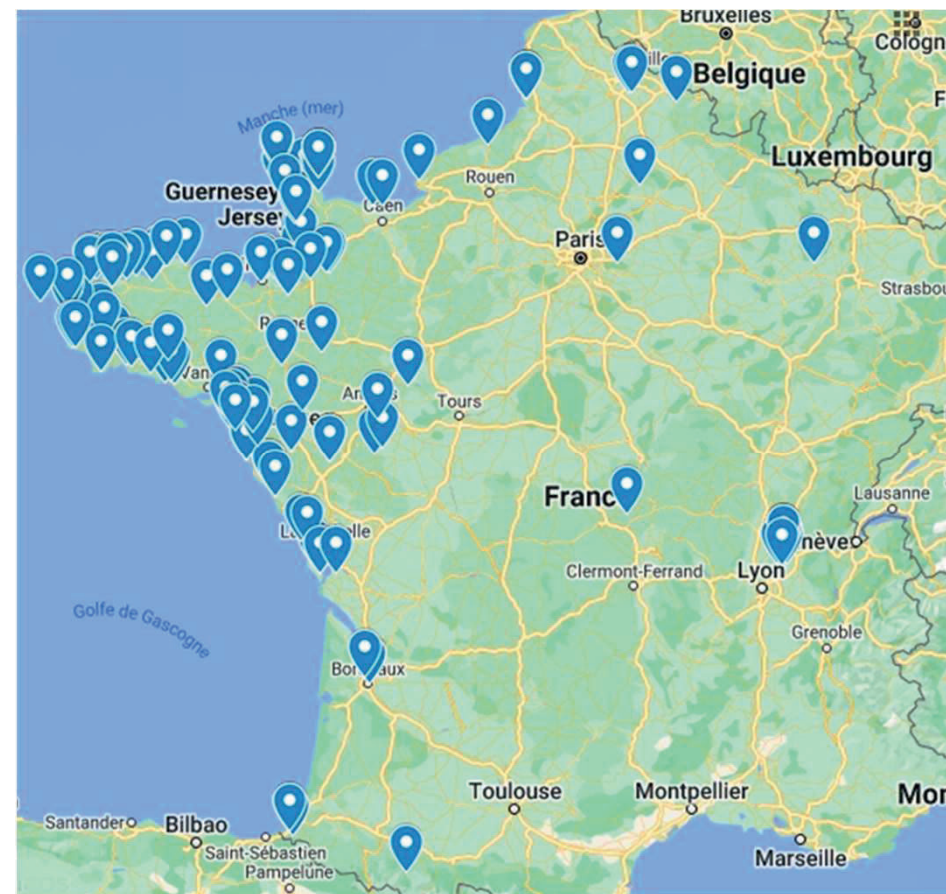
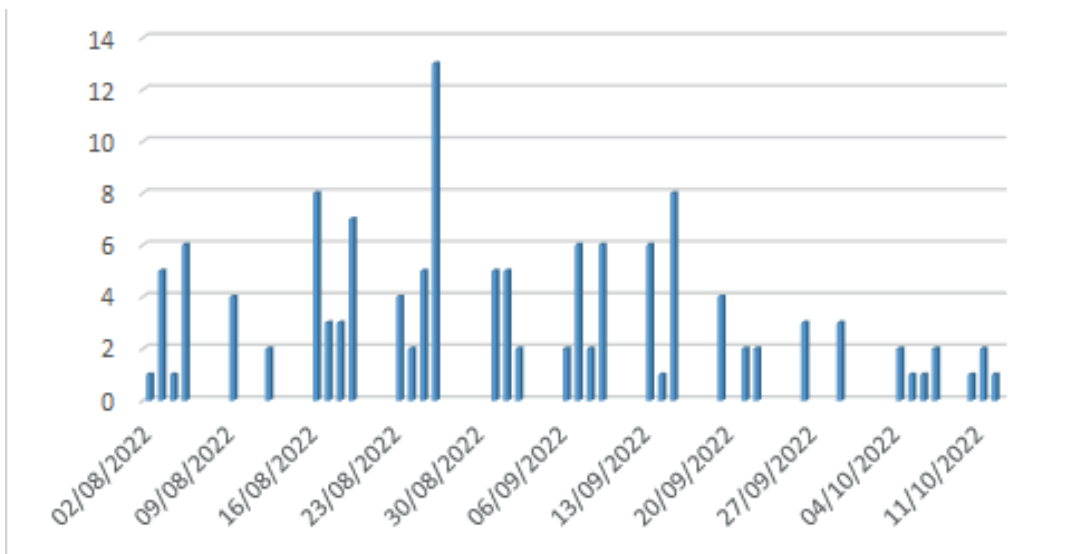
SITUATION IN FRANCE

SCoPAFF
October, 21 2022

- **HPAI situation as of 18 October**
- **Phylogenetic analysis**
- **Prevention and Control measures**

HPAI in wildlife since 1 August 2022

131 cases since 1 August 2022



HPAI in poultry since 1 August 2022

Poultry outbreaks since 1 August 2022 : 24 + 1 (overseas : La Réunion)

Départements	Foyers – site en élevage
1 , Ain	2
35 , Ille-et-Vilaine	3
37 , Indre-et-Loire	1
44 , Loire-Atlantique	2
49 , Maine-et-Loire	5
55 , Meuse	1
56 , Morbihan	3
72 , Sarthe	1
76 , Seine-Maritime	1
80 , Somme	1
85 , Vendée	4
974 , La Réunion	1
Total général	25

Focus on the last outbreaks :

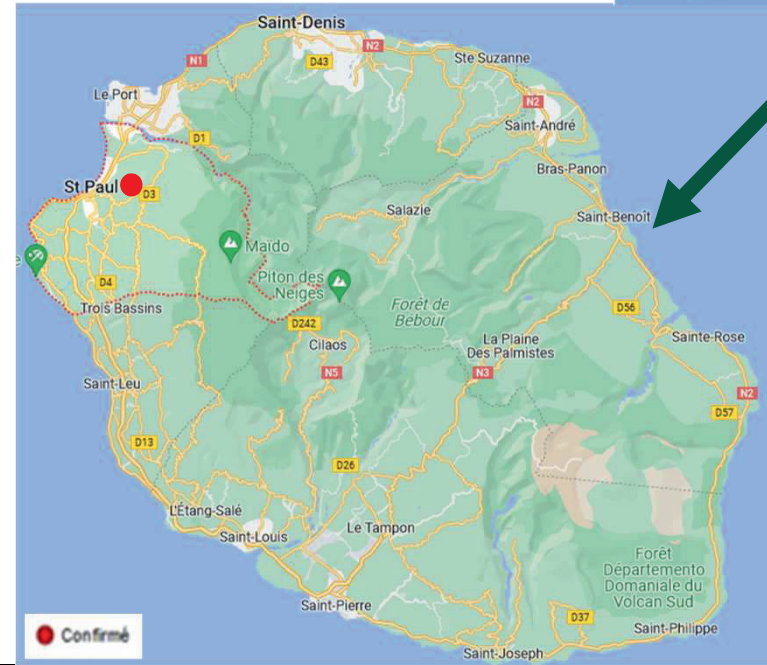
Dept	Nom_dept	Espèces	Date of confirmation
49	Maine-et-Loire	Gallus gallus	11/10/2022
44	Loire-Atlantique	Dinde	12/10/2022
85	Vendée	Dinde	14/10/2022
85	Vendée	Dinde	15/10/2022
49	Maine-et-Loire	Dinde	17/10/2022

HPAI in poultry since 1 August 2022



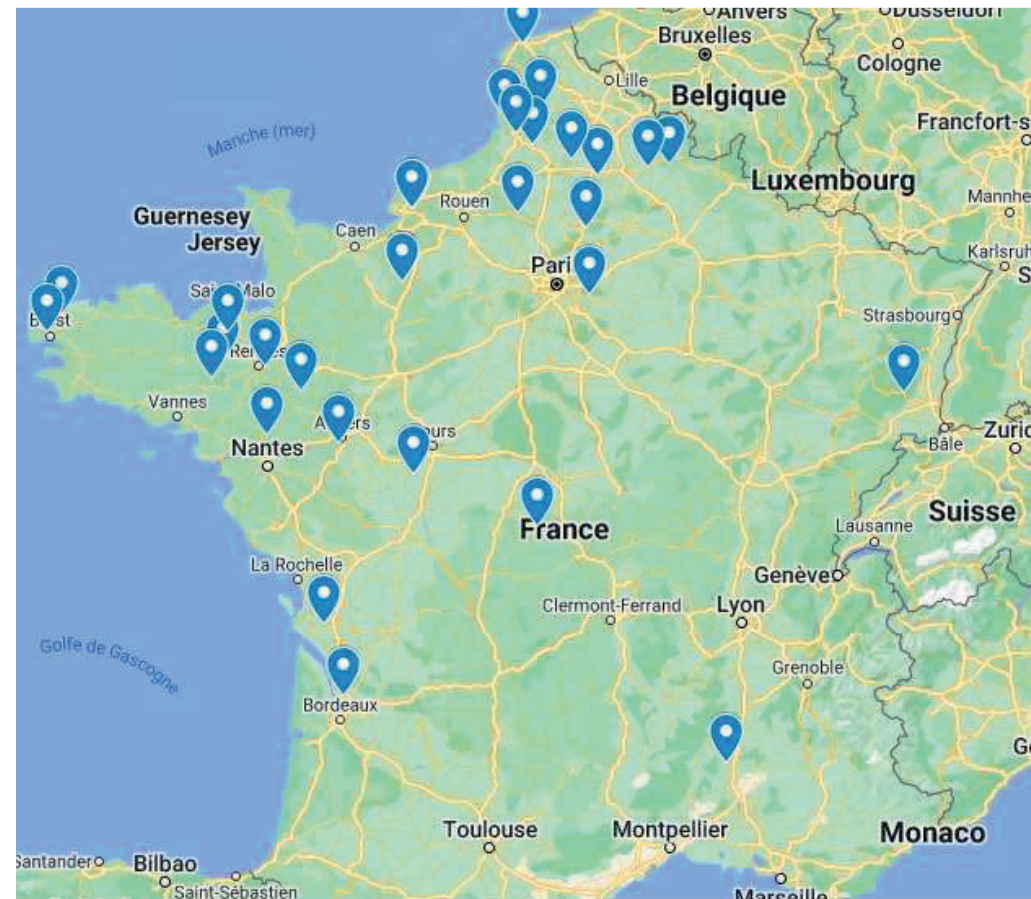
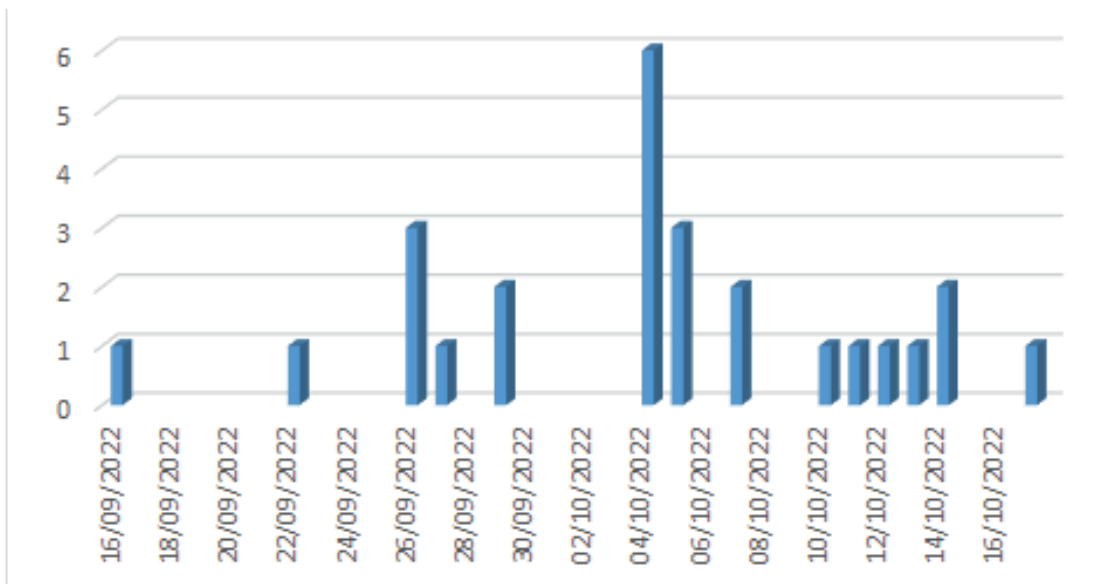
- Risky areas
- Wetland areas

La Réunion



HPAI in captive birds since 1 August 2022

32 outbreaks since 1 August 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 on the national territory and,
- Viruses that have remained present in the environment since season 2021/2022: risk of endemization in the Great West.

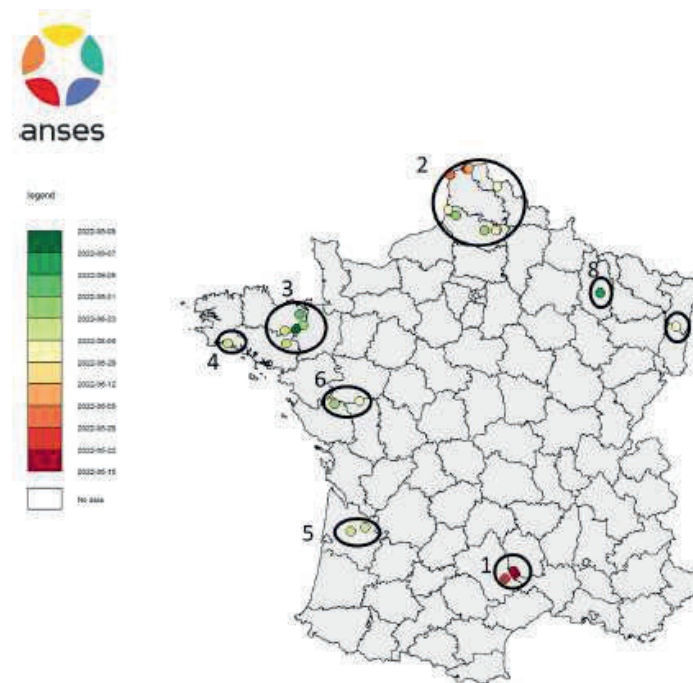


Figure 4 : Répartition géographique et temporelle des cas d'infection à virus IAHP A(H5N1) de génotype FR2 séquencés entièrement entre le 11 mai et septembre 2022. Le détail des zones encadrées et numérotées correspondent au paragraphe et sous-paragraphe « H5N1 HP (génotype FR2) ».

Prevention measures

National Decree of 29 September 2022: HPAI Moderate risk level

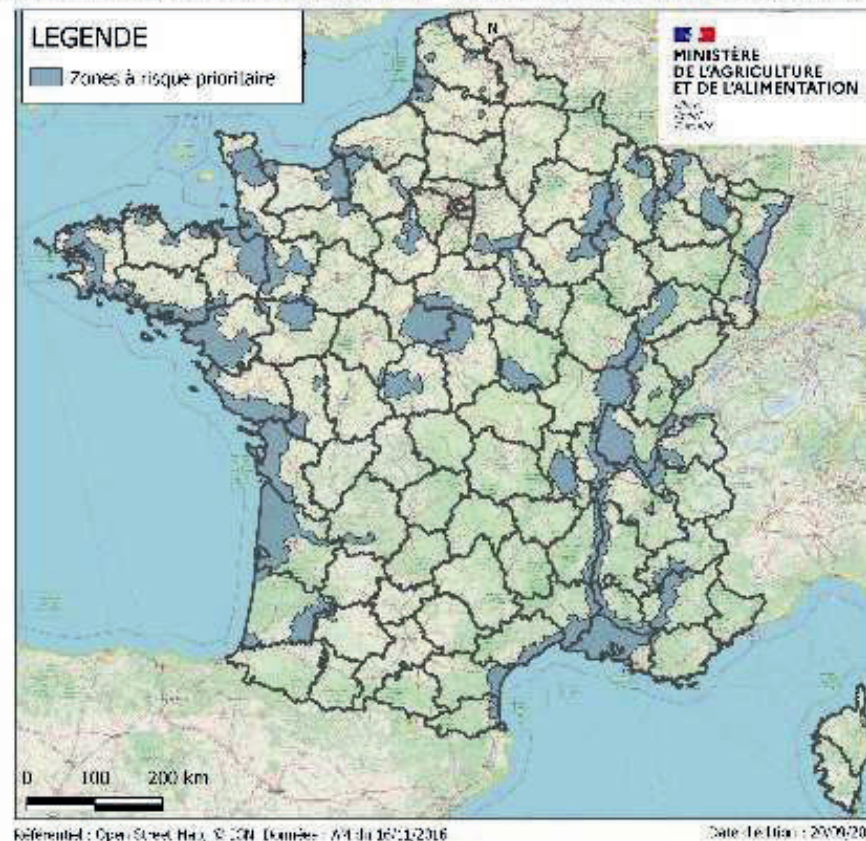


In wetland areas (« zones à risque particulier » in blue on the map) :

Strengthening of prevention measures :

- **Sheltering of all kept birds**
- No gathering of birds
- No racing pigeon competition
- Limitation of decoys and bird release for hunting purpose

IAHP : zones à risque particulier en France (arrêté du 16/11/2016)



Control measures : regional approach and reinforcement

- ▶ **Pays de la Loire / Bretagne : Technical instruction 2022-605, 5 August 2022 + new Technical instruction in progress**

<https://agriculture.gouv.fr/influenza-aviaire-de-nouvelles-mesures-adoptees-pour-les-regions-bretagne-et-pays-de-la-loire>

- ▶ **Other regions of France : Technical instruction 2022-771, 13 October 2022**

Bretagne et Pays de la Loire

- **Enlarged infected zone on all territory of Departments**
 - ✓ Enhanced biosecurity in farms
 - ✓ Enhanced biosecurity during hunting
 - ✓ Active surveillance (autocontrols) in farms and before movements
 - **Protection zone and surveillance zone around outbreaks**
- ▶ ***Reinforcement of the measures currently under discussion***

Other regions of France (1/2)

Measures applied in infected zones :



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

Other regions of 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

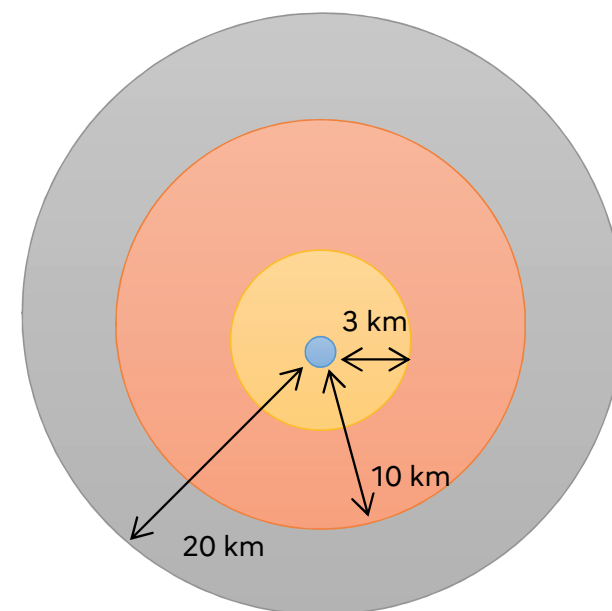
✓ Enhanced biosecurity in farms

✓ Enhanced biosecurity during hunting

✓ Active surveillance (autocontrols) in farms

✓ Movement restrictions in PZ and SZ

✓ FRZ : intra-UE movement in application of art 3 bis Décision 2021/641





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AFTER ACTION REVIEW

ACTION PLAN 2022

ACTION PLAN 2022

7 AXES

- Strengthen early detection and surveillance
- Improve prevention
- Define a vaccination strategy
- Improve the operational management of the disease control
- Manage hunting risks
- Support the poultry sector
- Initiate a reflection to build the breeding of tomorrow

<https://agriculture.gouv.fr/influenza-aviaire-un-plan-daction-ambitieux-pour-gerer-la-sortie-de-crise-et-redonner-des>



Thank you for your attention

