



Ministero della Salute

HPAI outbreaks in Italy

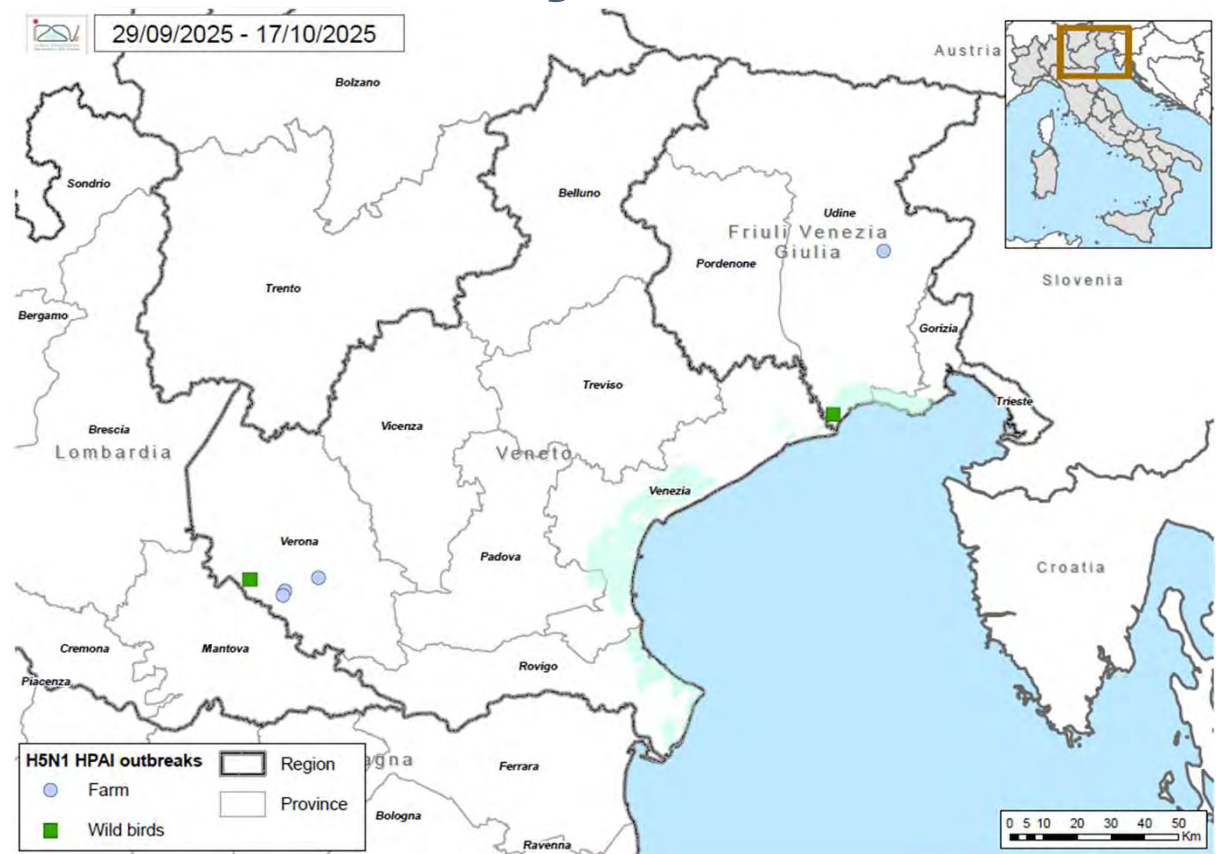
PAFF Committee – Animal health and welfare



HPAI H5N1 in Italy

- ✓ **5** **SF5** HPAI outbreaks in poultry
 - 3 Veneto
 - 1 Friuli – Venezia Giulia
 - 1 Piemonte

- ✓ **4** **SF6** HPAI positive cases in wild birds
 - 2 Friuli – Venezia Giulia
 - 1 Veneto
 - 1 Lombardia

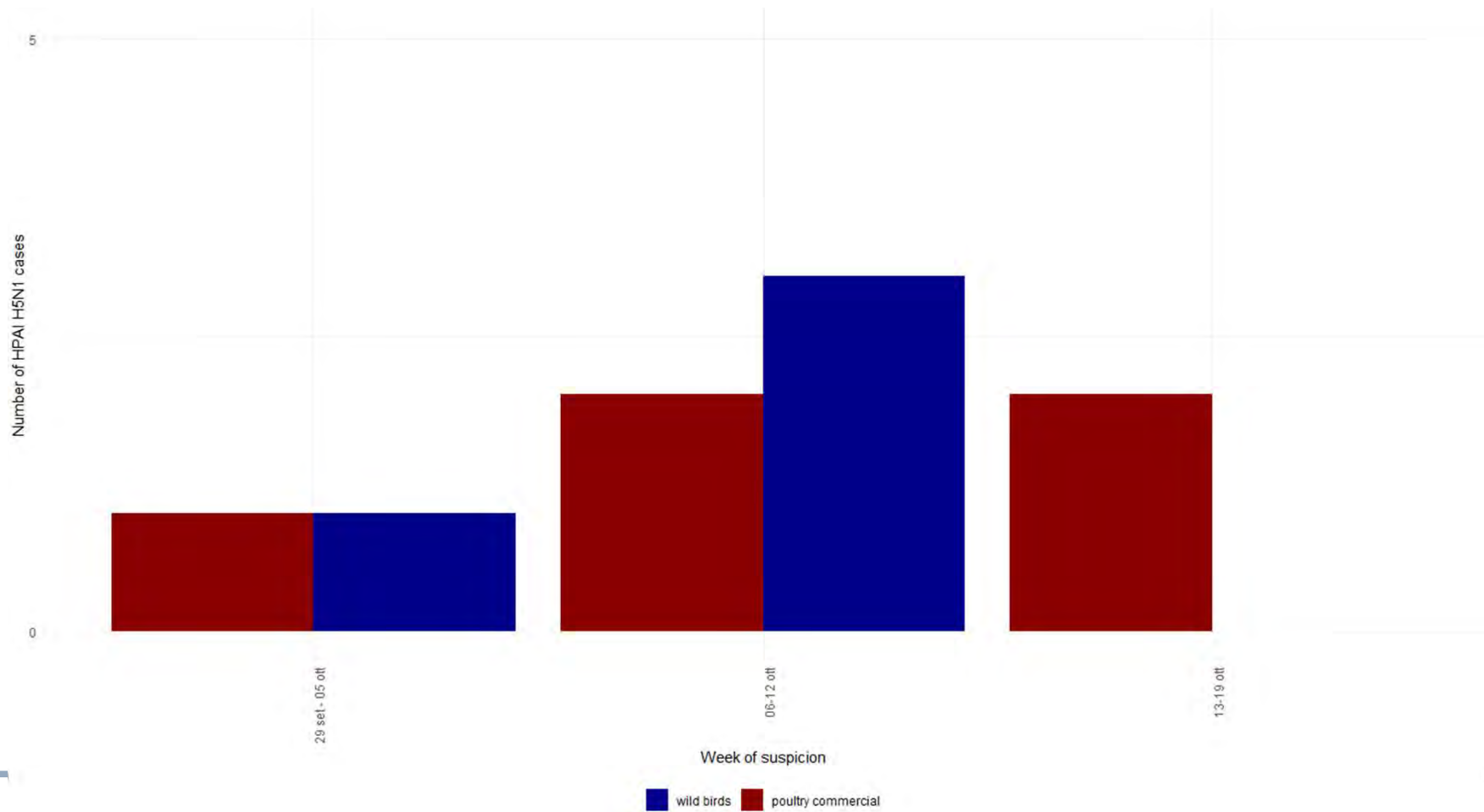


Regular update on: <https://www.izsvenezie.com/reference-laboratories/avian-influenza-newcastle-disease/italy-update/>
<https://eurlaidata.izsvenezie.it/>

Slide 2

- SF5** il focolaio nei polli riproduttori ad Alessandria non è stato notificato in ADIS, decidere se tenerlo o meno
Scolamacchia Francesca, 18/10/2025
- SF6** il selvatico positivo della Lombardia e l'oca selvatica rinveuta a Grado non sono stati notificati in ADIS, decidere se tenerli o meno
Scolamacchia Francesca, 18/10/2025

HPAI H5N1 epidemic curve



HPAI H5N1 in poultry

- The epidemic season in poultry started in week 40, matching the onset in 2024, affecting the periphery of the HDPA
- In contrast to 2024, the first cases within the core HDPA were detected about two months earlier

ADIS Reference	Suspicion date	Confirmation date	Disease type	Region	Province	Municipality	Species
IT-HPAI(P)-2025-00022	29/09/2025	29/09/2025	H5N1	FRIULI – VENEZIA GIULIA	UDINE	POVOLETTO	BROILER
IT-HPAI(P)-2025-00023	07/10/2025	08/10/2025	H5N1	VENETO	VERONA	OPPEANO	FATTENING TURKEYS
IT-HPAI(P)-2025-00024	10/10/2025	10/10/2025	H5N1	VENETO	VERONA	ISOLA DELLA SCALA	FATTENING TURKEYS
IT-HPAI(P)-2025-00025	13/10/2025	13/10/2025	H5N1	VENETO	VERONA	ISOLA DELLA SCALA	FATTENING TURKEYS
IT-HPAI(P)-2025-00026	16/10/2025	17/10/2025	H5N1	PIEMONTE	ALESSAN DRIA	OCCIMIANO	CHICKEN BREEDER

HPAI H5N1 in wild birds

- The first cases in wild birds were detected 3 weeks later than in 2024, 3 in hunted and 1 in found dead birds

ADIS Reference	Suspicion date	Confirmation date	Disease type	Region	Province	No. of animals	Species
IT-HPAI(NON-P)-2025-00018	07/10/2025	14/10/2025	H5N1	FRIULI-VENEZIA GIULIA	UDINE	2	COMMON TEAL
IT-HPAI(NON-P)-2025-00019	09/10/2025	15/10/2025	H5N1	VENETO	VERONA	1	MALLARD DUCK
IT-HPAI(NON-P)-2025-00020	09/10/2025	17/10/2025	H5N1	FRIULI-VENEZIA GIULIA	GORIZIA	1	GREYLAG GOOSE
IT-HPAI(NON-P)-2025-00021	05/10/2025	17/10/2025	H5N1	LOMBARDIA	BRESCIA	1	MALLARD DUCK

Oubreaks in poultry

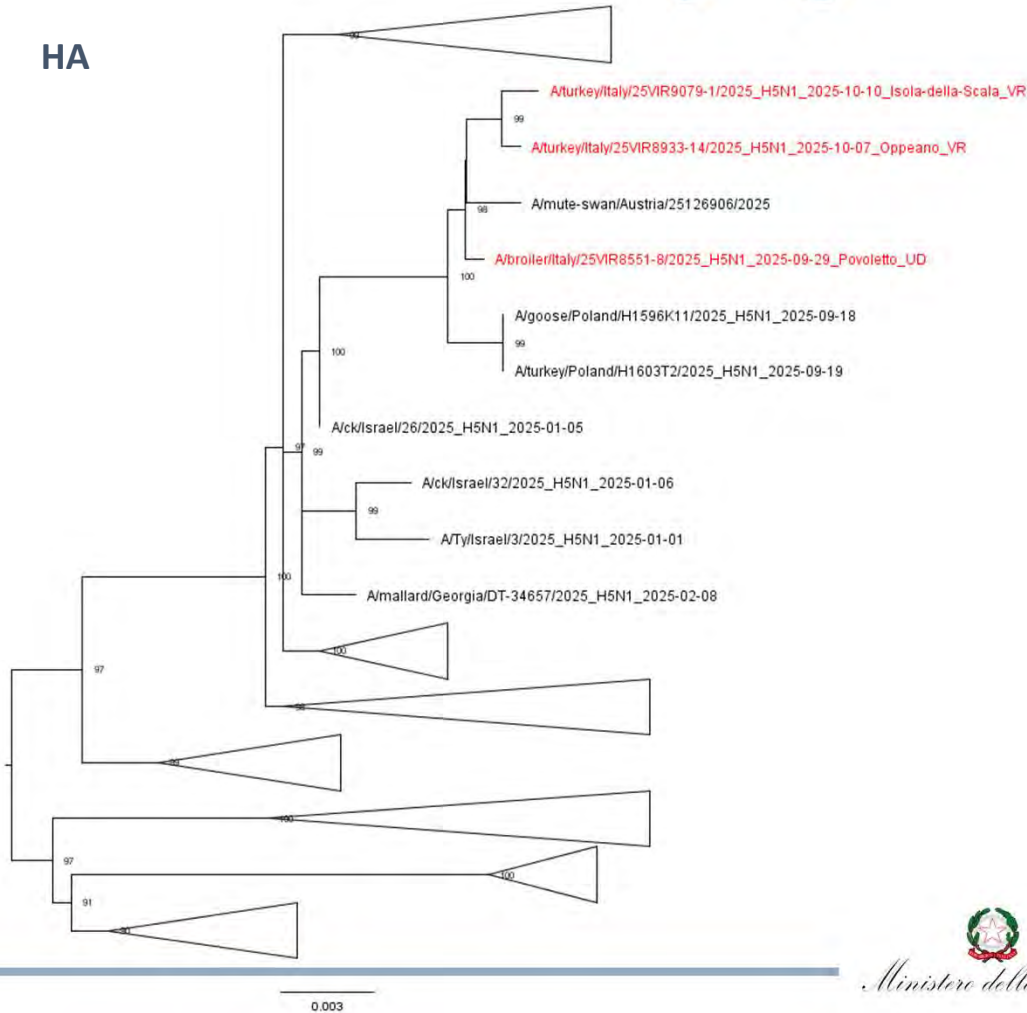
- No epidemiological links or at-risk contacts identified before onset
- Affected premises: commercial holdings of a single major poultry company
- Disease detected mainly through mortality increase or pre-movement testing
- Environmental exposure possible (proximity to wetlands/hunting areas)-> *phylogenetic analyses*
- Potential weaknesses in managerial biosecurity implementation
- One case occurred within the restricted area of a primary outbreak

Disease control measures as provided by Commission Delegated Regulation (EU) 2020/687

- Epidemiological investigation
- Culling, disposal of carcasses, cleaning and disinfection procedures
- Establishment of protection and surveillance zones (3 and 10 km)
- Restrictions on movements of poultry and poultry products (with derogations)

Phylogenetic analysis

HA



New introduction of viruses belonging to H5N1 EA-2024-DI.2 genotype in Italy

The three viruses identified in Verona (Oppeano and Isola della Scala) and Udine (Povoletto) cluster together with those collected in September 2025 in Austria and Poland as well as with viruses identified in Israel and Republic of Georgia between late 2024 and early 2025

The three viruses from Oppeano, Isola della Scala and Povoletto are not related to EA-2024-DI.2 viruses identified in Italy during the 2024–2025 epidemic wave, neither to viruses that circulated in Europe during summer months.

The topology of the phylogenetic trees rules out a lateral spread from the holding of Udine to that of Verona. Although minimal, the differences between the two viruses identified in the province of Verona suggest two new primary introductions from similar viruses carried by wild birds, rather than lateral spread, confirming the findings of epidemiological investigations.

Important markers of mammalian adaptation have not been identified

Preventive and risk mitigation measures in place since mid-September

Ministry of Health 15 September 2025, protocol no. 26468

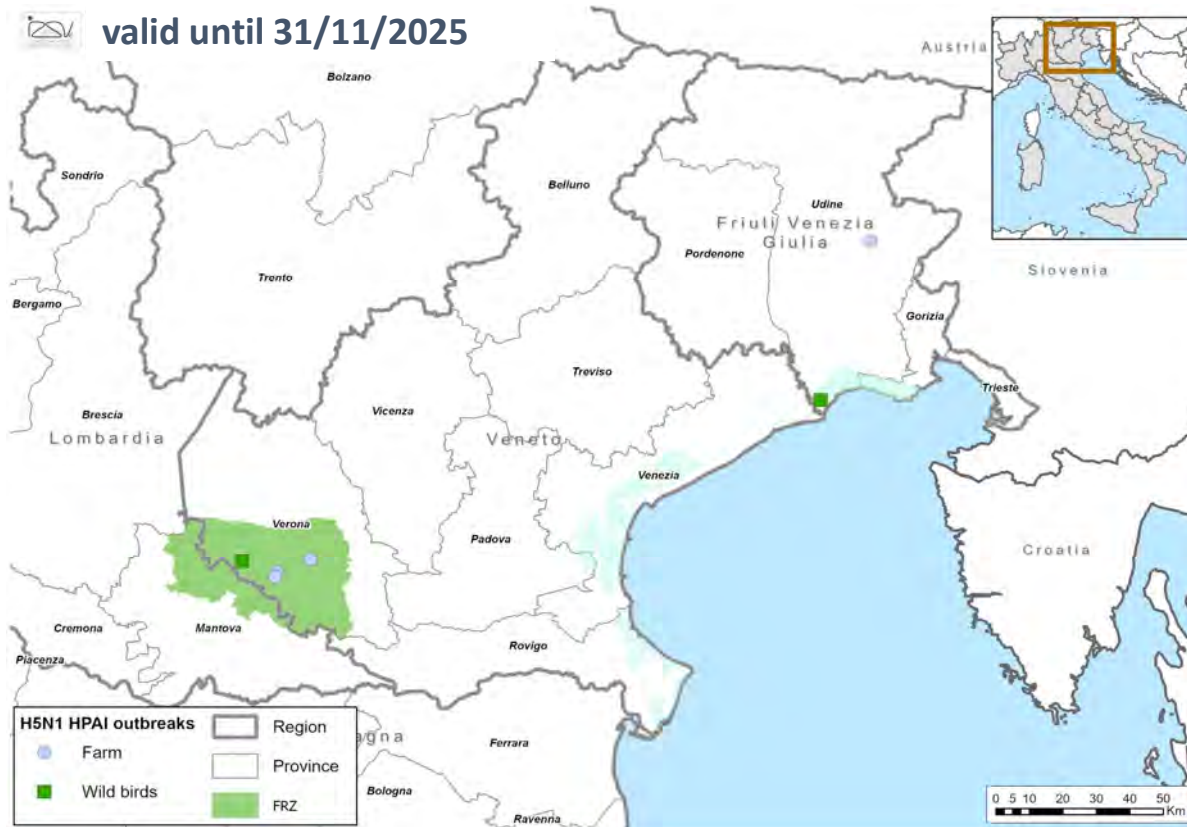
- **Intensification of surveillance in wild bird populations**
- **Adoption of measures to strengthen early detection surveillance**
- **Implementation of measures ensuring a rapid response**
- **Adoption of measures to prohibit outdoor poultry farming**
- **Restocking/housing programme for meat turkeys**
- **Adoption of HPAI prevention and surveillance protocols in Wildlife Rescue and Rehabilitation Centres**
- **Risk-based evaluation** of the possible suspension of markets, fairs, exhibitions
- **Risk-based measures regulating the use of live decoy birds**
- **Provisions for the release and movement of game birds**

Further Restricted Zone in H5PA Veneto and Lombardia

Italian Ministry of Health, 16 October 2025 protocol no. 30074

Main preventive/risk mitigation measures

- Census and confinement
- Enhanced biosecurity
- Movements control
- Restrictions on productive activities:
 - Ban of broiler thinning
 - Ban of markets, fairs, exhibitions
 - Ban on release of game birds for restocking or hunting purposes
 - Ban of meat turkey restocking
- Increased monitoring
- Age limits on slaughtering for meat turkey
- Pre-movement clinical inspection and virological testing
- Enhanced active surveillance for AI in wild birds



Thank you