



Ministero della Salute

Direzione generale della sanità animale e dei farmaci veterinari



Avian influenza in Italy: epidemiological update



HPAI in Italy 02-2021



Region	Province	Production type	No. animals	Confirmation date	Subtype	Depopulation date
Friuli Venezia Giulia	Pordenone	Backyard flock	22	19/02/2021	H5N8	20/02/2021

On **20 February 2021**, the National Reference Laboratory (NRL) for Avian Influenza and Newcastle Disease confirmed an outbreak of H5N8 Highly Pathogenic Avian Influenza.

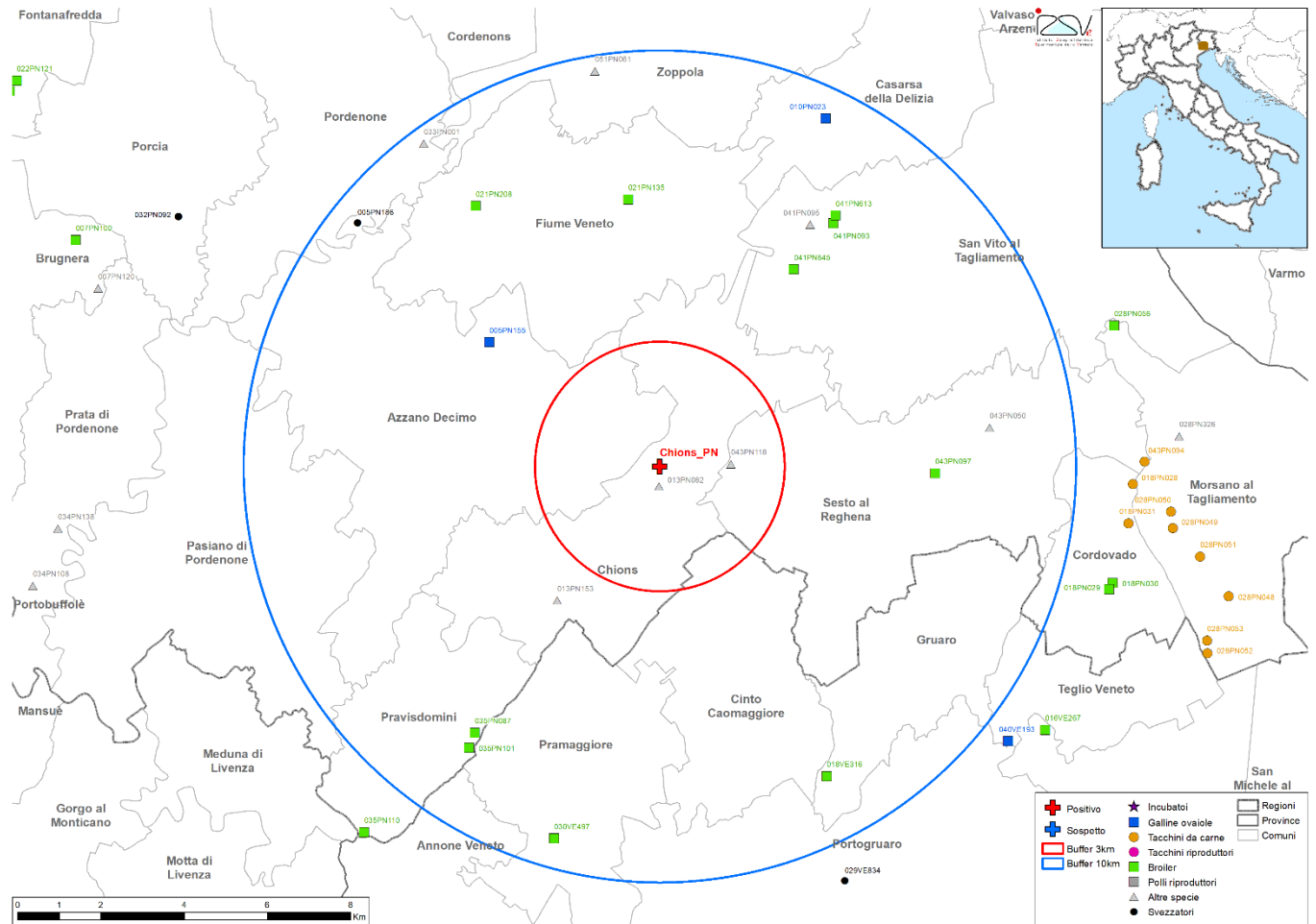
The positivity concerned broilers housed for self-consumption in a backyard flock located in Villotta di Chions, province of Pordenone.

The virus was suspected following a sudden increase in mortality rate, anorexia, polydipsia and neurological symptoms.

Epidemiological investigation revealed no at risk contacts, but the presence of water bodies in close proximity to the infected premises.

All control and eradication measures have been applied according to European legislation.

Control measures: Council Directive 2005/94/EC



- Protection and surveillance zones (3 and 10 km)
- Restrictions on movements of poultry and poultry products (with derogations)
- Epidemiological investigation
- Clinical examinations and collection of samples in protection zone



HPAI in Italy 03-2021



Region	Province	Production type	No. animals	Confirmation date	Subtype	Depopulation date
Veneto	Padova	Multispecies Backyard flock	60	24/02/2021	H5N8	26/02/2021

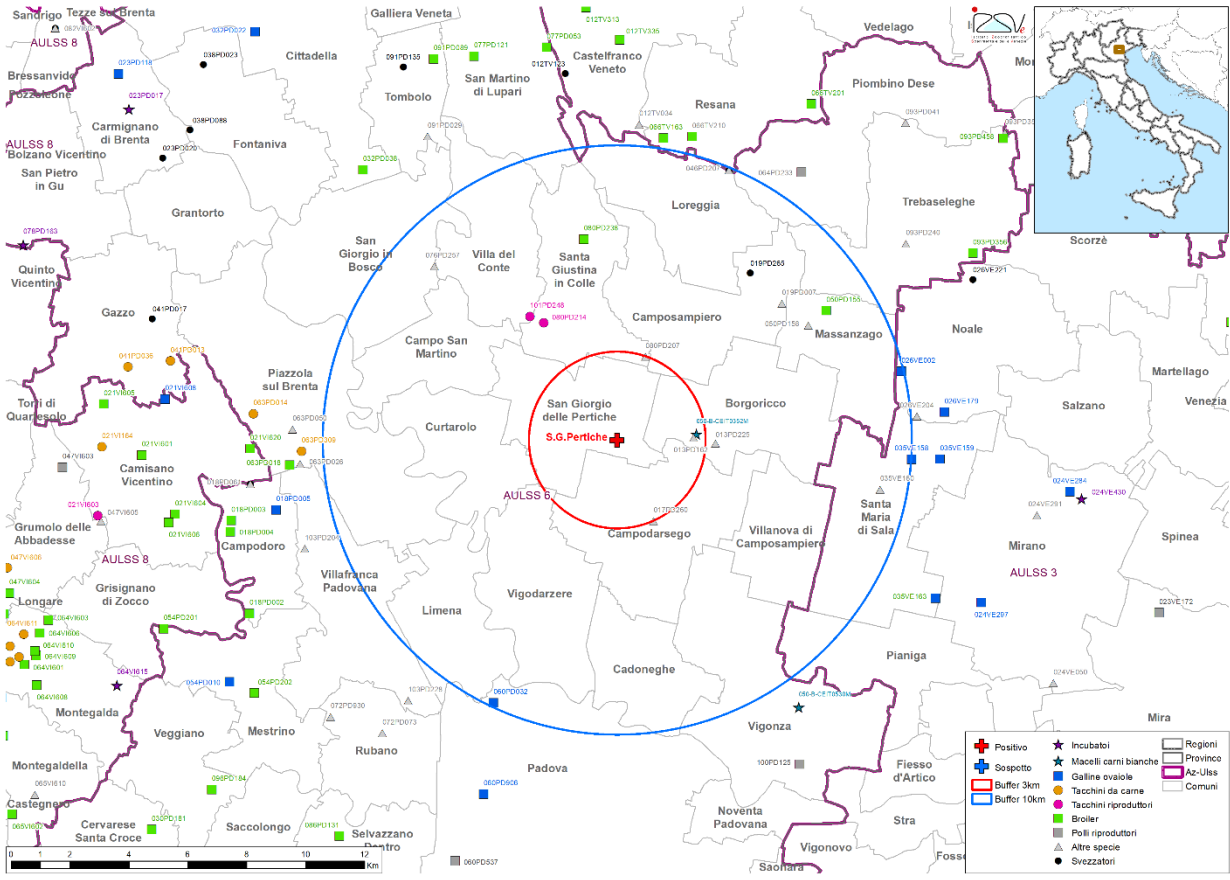
On **25 February 2021**, the National Reference Laboratory (NRL) for Avian Influenza and Newcastle Disease confirmed an outbreak of H5N8 Highly Pathogenic Avian Influenza. The positivity was detected in tracheal/oropharyngeal and cloacal swabs and pool of organs from chicken, guinea fowls and ducks housed in a multispecies backyard flock located in Padua province.

The virus was suspected following a sudden **increase in mortality rate**, anorexia, drop in egg production and lethargy.

Epidemiological investigation revealed no at-risk contacts, but the presence of water bodies in close proximity to the infected premises.

All control and eradication measures have been applied according to European legislation.

Control measures: Council Directive 2005/94/EC



- Protection and surveillance zones (3 and 10 km)
- Restrictions on movements of poultry and poultry products (with derogations)
- Epidemiological investigation
- Clinical examinations and collection of samples in protection zone

● Laboratory analyses

Laboratory analyses

- all commercial poultry holdings in the protection and surveillance zones tested negative both virologically and serologically



Thanks for your attention!