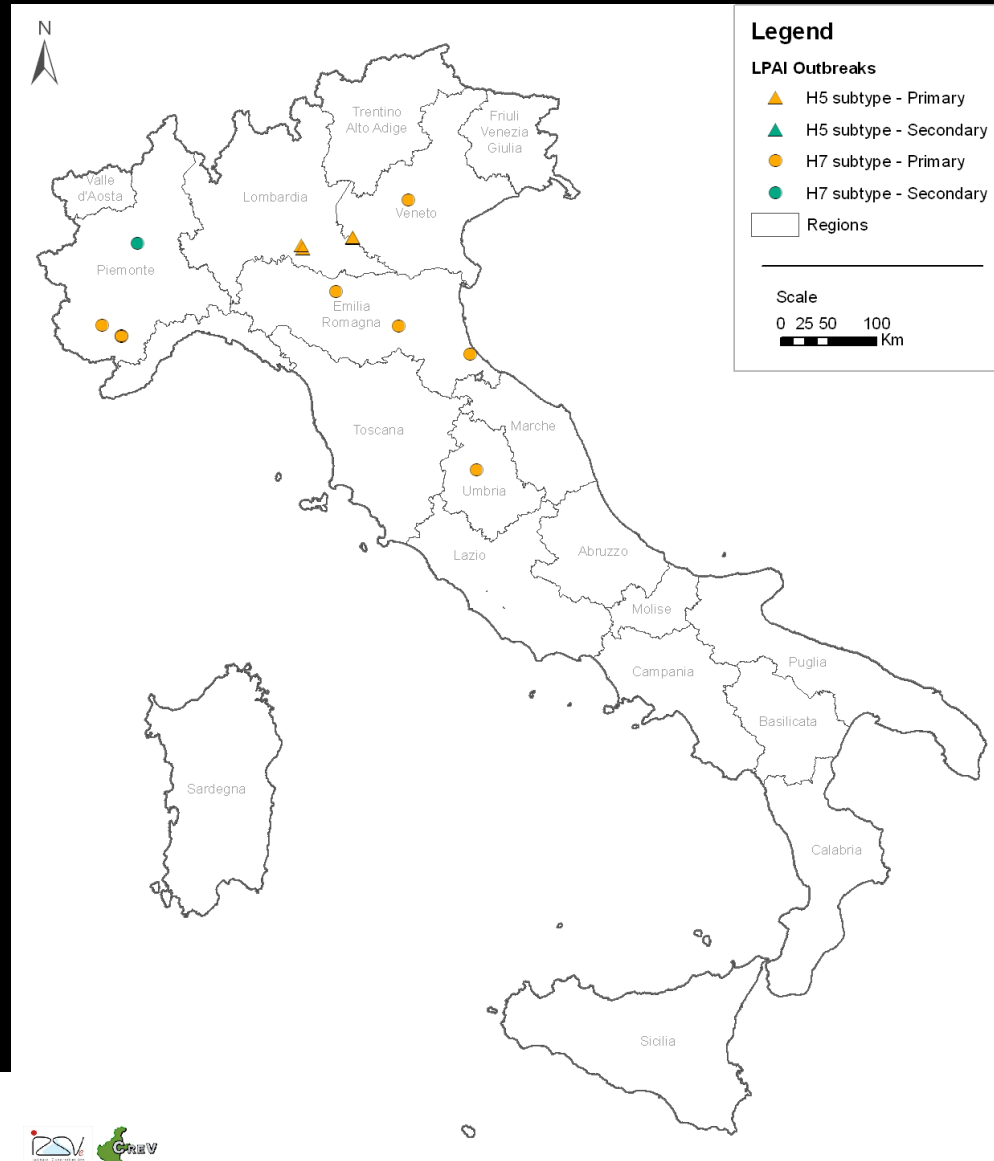




Low Pathogenicity Avian Influenza in Italy: epidemiological situation

(7 September 2009)

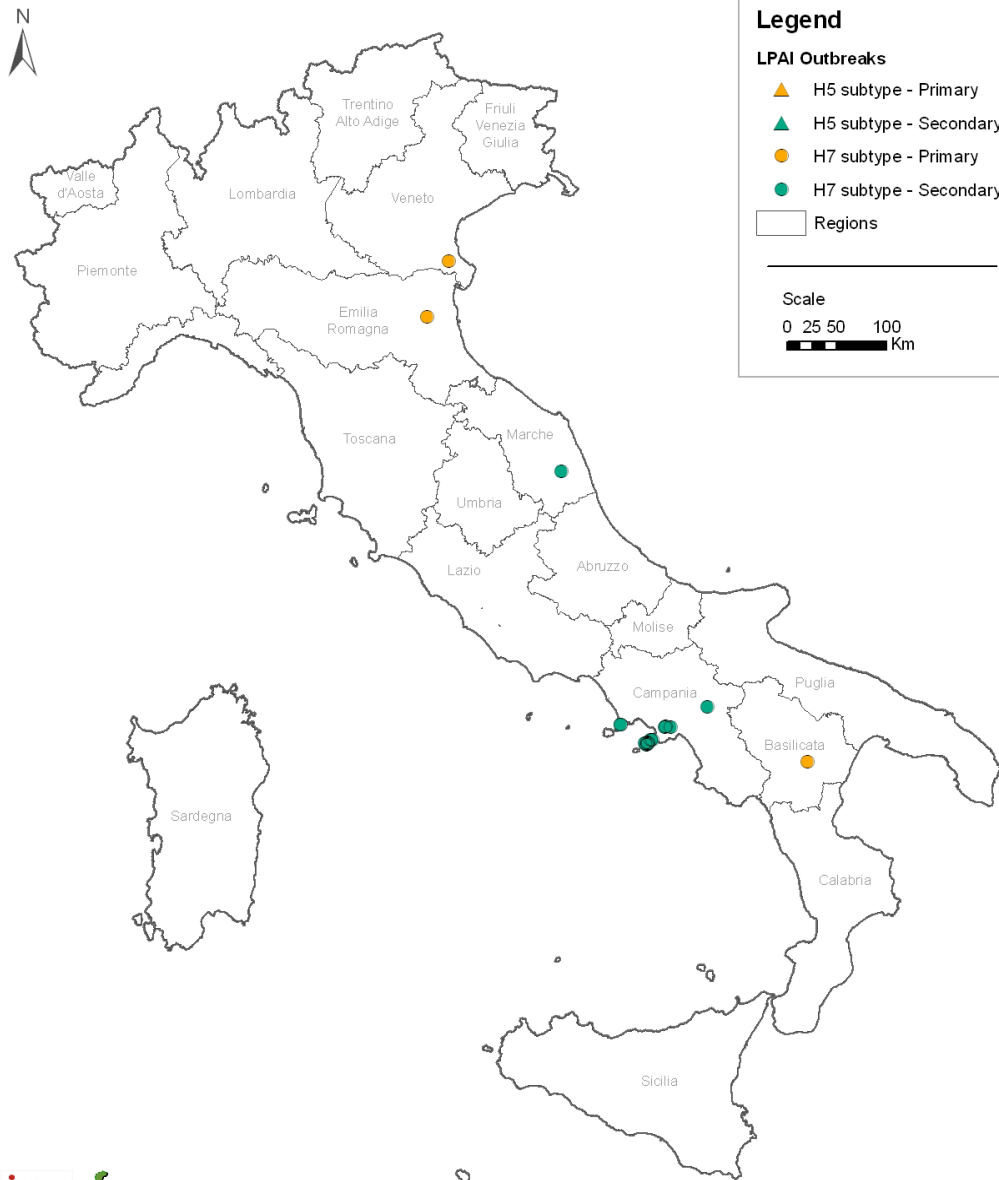
13 LPAI outbreaks had occurred in Italy from 20 April to 26 June 2009 and were previously reported at **SCoFCAH**



- 4 LPAI (H5N7) outbreaks in meat turkey farms in Northern Italy (Veneto and Lombardy Regions)

- 2 (H7N3) and 7 (H7) LPAI outbreaks in Central Italy (Umbria Region) and Northern Italy (Piemonte, Emilia Romagna and Veneto Regions)

LPAI (H7) outbreaks in Italy



From 29/06/09 to 21/08/09 LPAI virus (H7) infection was identified in 3 dealer and 14 rural poultry farms in five different Regions

In one case it was also possible to characterized the Neuraminidase as N3

A total of 5.381 birds were involved

H7 LPAI outbreaks in Italy

| <u>ID ADNS</u> | Region | Municipality (Province) | Type of production | Species (number) |
|---------------------------|-------------------|------------------------------------|-------------------------------|--|
| <u>09/0012</u> | Emilia Romagna | Lugo (RA) | Dealer | Goose, Ducks, Hens TOT: 2.500 |
| <u>09/0013</u> | Veneto | Porto Viro (RO) | Dealer | Chicken (473); Hen (77) Guinea fowl (257); Goose (2) and Duck (338) TOT: 1.195 |
| <u>09/0014</u> | Basilicata | Aliano (MT) | Rural farm | Chicken (5), Chicks (40) Layer (35). TOT: 80 |

H7 LPAI outbreaks in Italy

| <u>ID ADNS</u> | Reason of sampling | Date of confirmation | Diagnosis | Subtype |
|---------------------------|--|---------------------------------|--|----------------|
| <u>09/0012</u> | Extraordinary Regional Monitoring Plan | 29/06/09 | Serological + | H7 |
| <u>09/0013</u> | Regional Monitoring Plan | 01/07/09 | Virus isolation + Serological + RT-PCR + | H7N3 LPAI |
| <u>09/0014</u> | Regional Monitoring Plan | 07/07/09 | RT-PCR + | H7 LPAI |



Tracing

- **Tracing-back poultry movements from** one of the biggest Italian dealer farms allowed the identification of 13 LPAI infected **rural farms** in **Campania** Region and **1 dealer** in **Marche** Region
- **Rural farms** contained a small number of birds (from 7 to 50) of different species (broilers, hens, turkeys, guinea fowls and geese)
- **The dealer farm** reared 1.280 birds (100 ducks, 460 broilers, 150 turkeys, 500 goose, 30 guinea fowls, 20 quails, 20 mallards)



Eradication measures

as specified by EU Directive 94/2005/CE

- All birds in the affected holdings were depopulated
- Cleansing and disinfection procedures
- Restriction zone
 - **Laboratory tests** were carried out on commercial poultry holdings and were all negative
 - **Bird movement restrictions**
 - **Fairs, markets, shows or other gatherings of birds were prohibited**, unless authorised by the competent authority