



*Ministero della Salute*

# African swine fever in Italy

PAFF Committee – Animal health and welfare  
16 -17 December 2024



# ASF surveillance, cases and outbreaks from 19 November 2024 (last PAFF)

Emergenza PSA  
GIS Dashboard

Piano

Regione

Tipo Esito (SINVSA)

Intervallo data  
19/11/2024 - 13/12/2024

Map showing ASF surveillance points across Italy. Markers indicate confirmed foci (green) and samples (red). Major cities like Milano, Roma, and Napoli are labeled. Neighboring countries and seas are also shown.

**Focolai Confermati**  
16 Selvatici  
0 Domestici

**Prelievi**  
2487 Selvatici  
2083 Domestici

Confirmito 59,26%  
Sospetto 7,41%  
Non confermato 33,33%

Conforme 74,48%  
Non conforme 0,45%  
Non esaminato 0,06%  
Analisi in corso 25,01%

**7** EMILIA-ROMAGNA  
**6** LIGURIA  
**3** LOMBARDIA

Focolai per Regione

SPECIE	SELVATI...	STATO F...	DATA SO...	DATA C...	DATA ES...	REGIONE	PROVIN...	COMUNE
CINGHIA...	SELVATICA	CONFER...	12/12/20...	12/12/20...		LOMBAR...	PV	PONTE N...
	SELVATICA	SOSPETTO	12/12/20...			LIGURIA	GE	ARENZA...
SUINO	DOMEST...	NON CO...	11/12/20...			MARCHE	FM	MONTE ...
	SELVATICA	NON CO...	09/12/20...			LIGURIA	GE	GENOVA
CINGHIA	SELVATICA	CONFER	09/12/20	12/12/20		EMILIA-R	PR	BORGO

Focolai PSA

Prelievi PSA

Il filtro sull'intervallo temporale (*Intervallo data*) agisce sulla **data sospetto** per i Focolai e sulla

12/12/2024 12:20

## ASF surveillance in wild boars from 19 November 2024 (last PAFF)



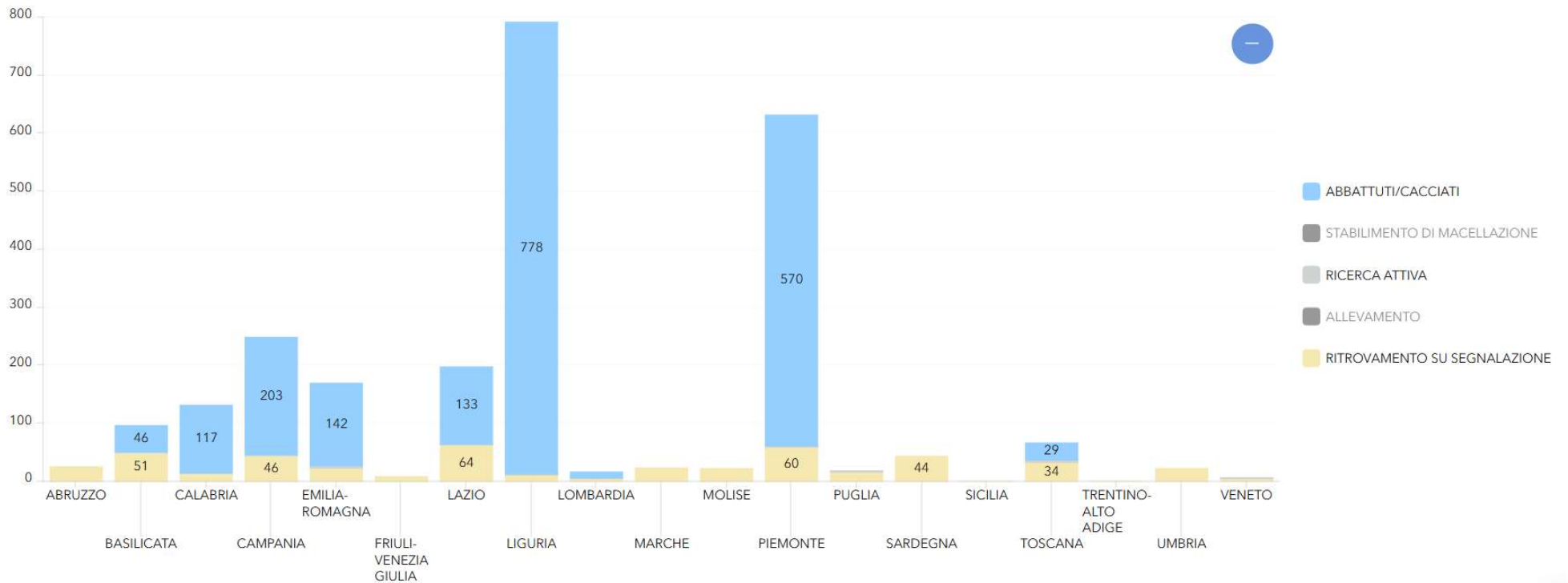
**Emergenza PSA**  
GIS Dashboard

☰ Piano  
...

☰ Regione  
...

☰ Tipo Esito (SINVSA)  
...

📅 Intervallo data  
19/11/2024 - 13/12/2024



Focolai per Regione

Focolai per data sospetto

**Prelievi per Regione**

Prelievi per data

Ricerca attiva



*Ministero della Salute*

# ASF surveillance in domestic pigs from 19 November 2024 (last PAFF)

## Emergenza PSA

GIS Dashboard

☰ Piano

...

☰ Regione

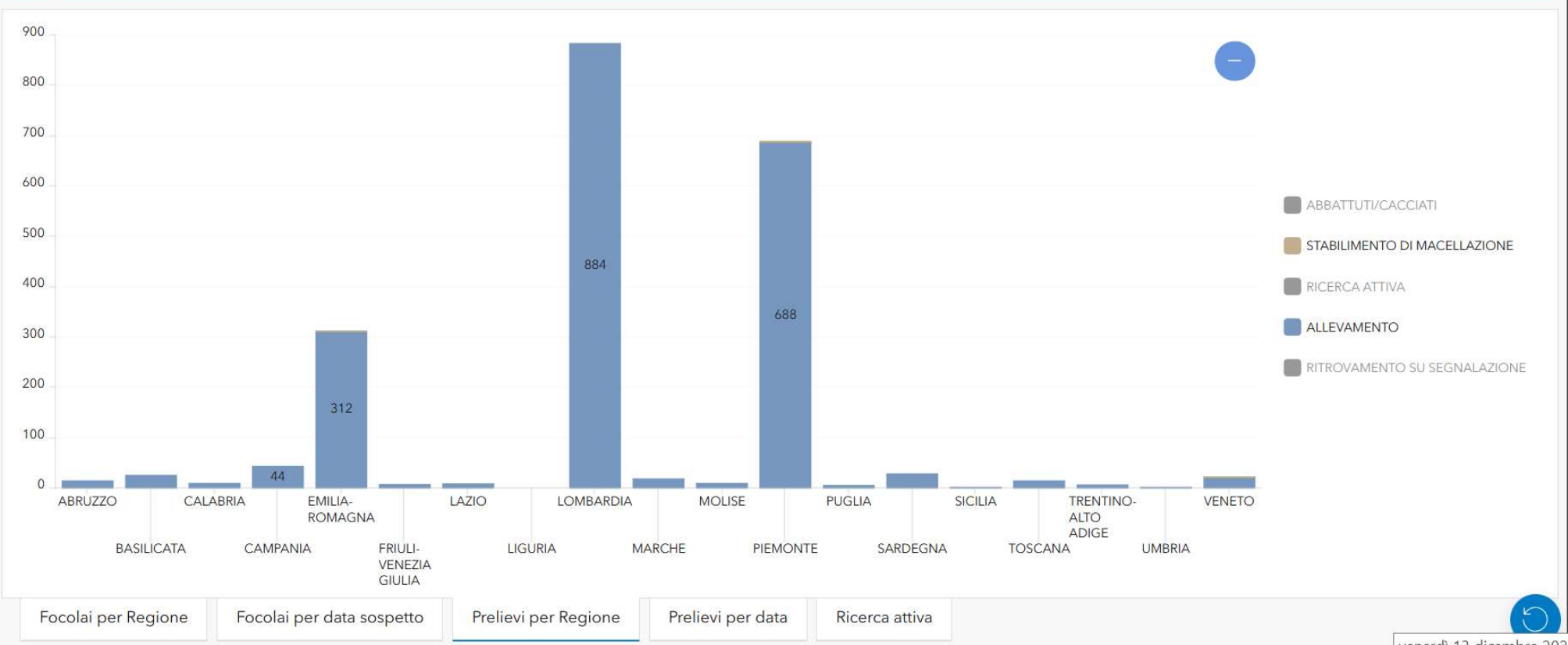
...

☰ Tipo Esito (SINVSA)

...

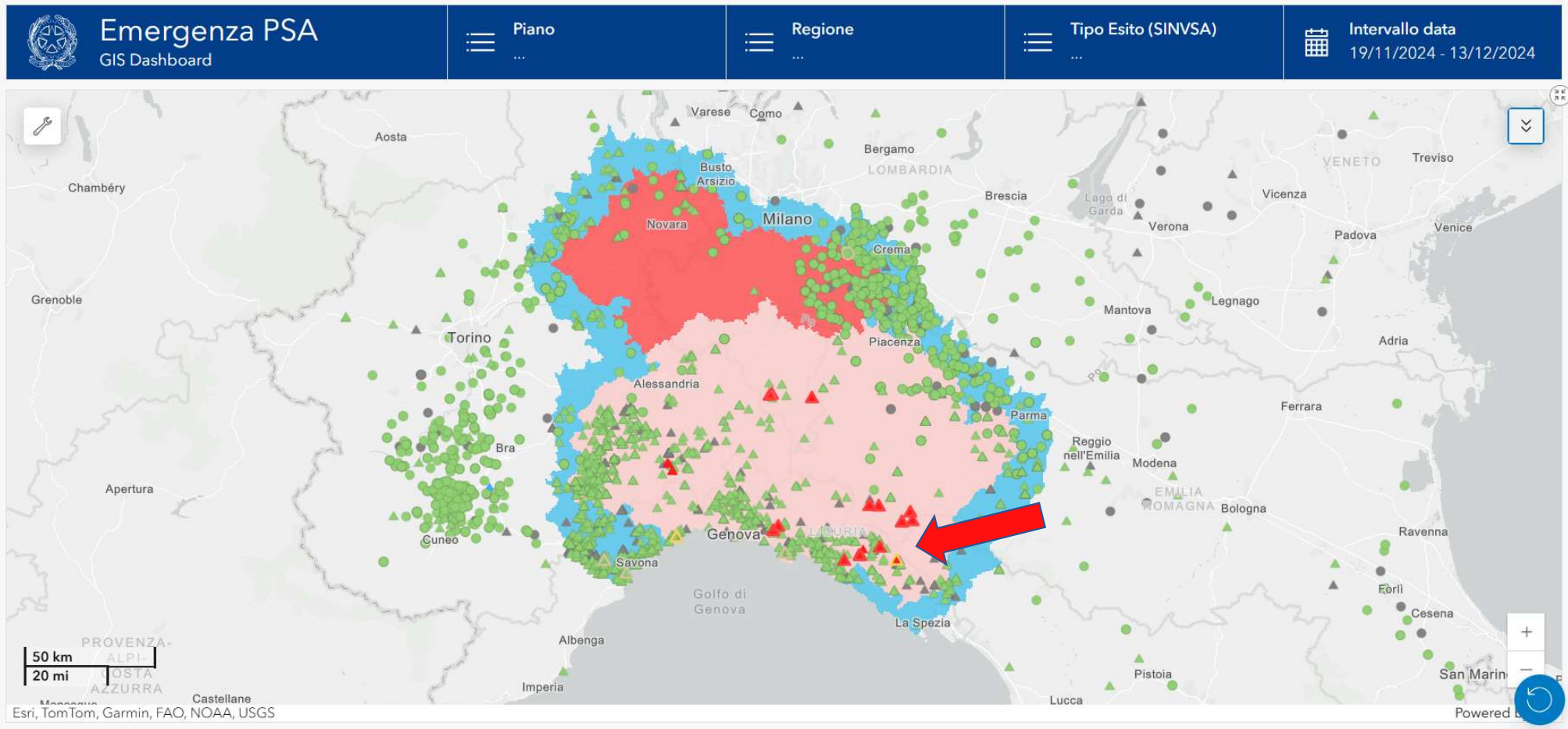
📅 Intervallo data

19/11/2024 - 13/12/2024

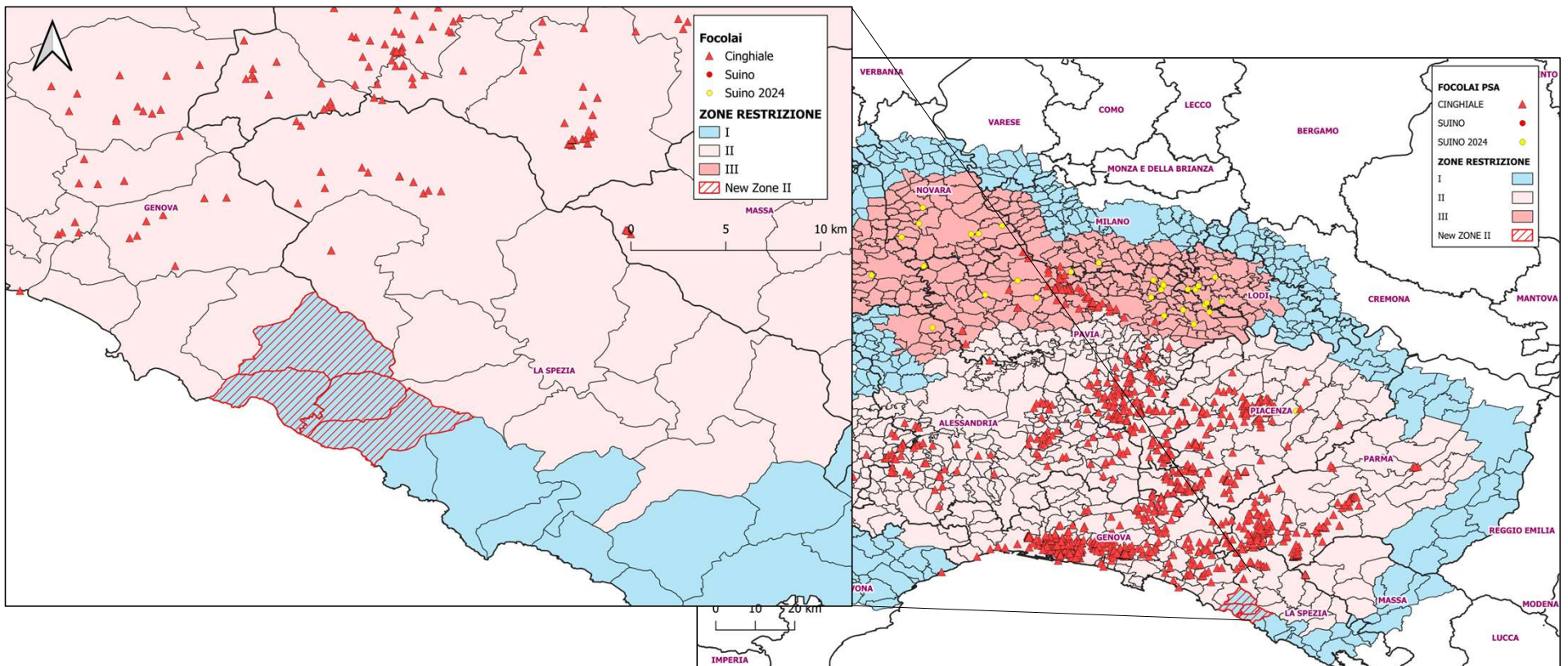


- Focolai per Regione
- Focolai per data sospetto
- Prelievi per Regione
- Prelievi per data
- Ricerca attiva

# ASF surveillance, cases and outbreaks in the North-East from 19 November 2024 (last PAFF)

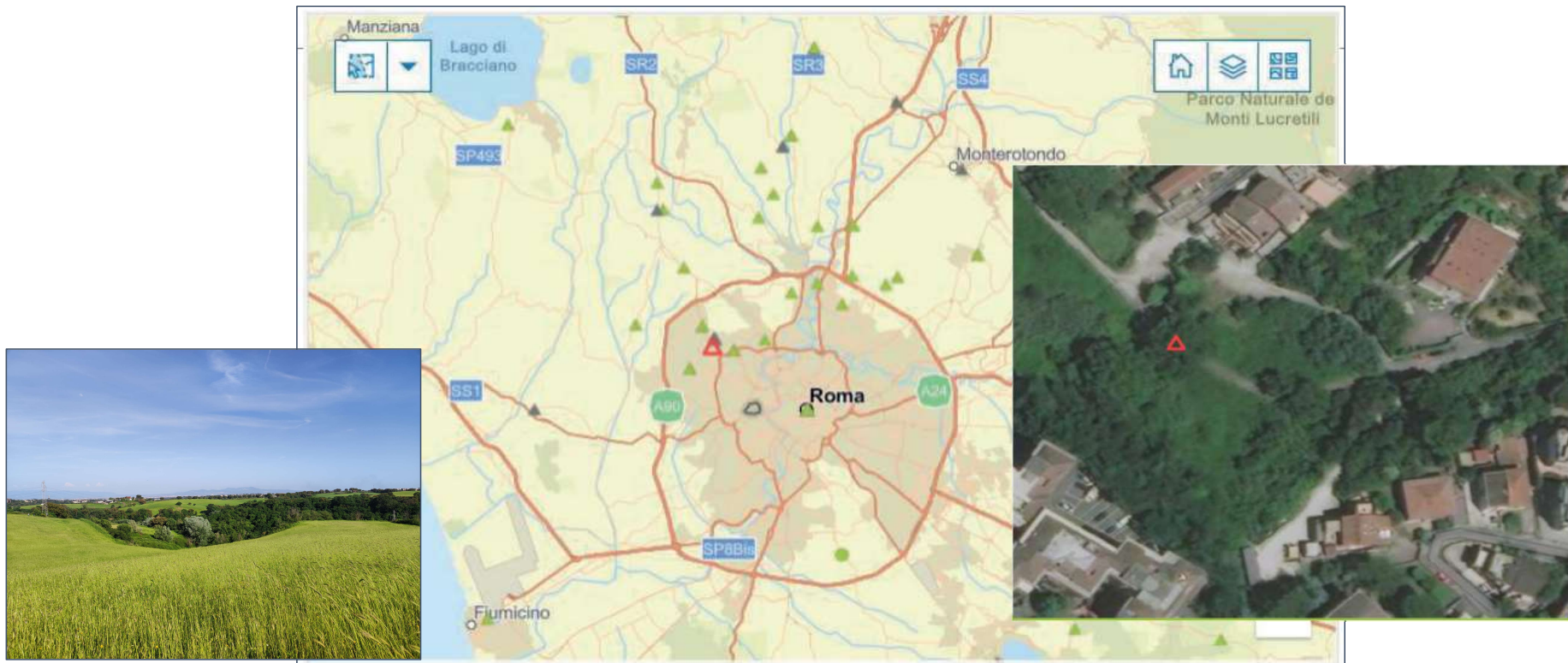


# Proposal for the amendment of Reg. 594/2023



## Epidemiological situation in Rome – May 2022

1° case confirmed on the 4 May 2022 in the Insugherata park within the municipality of Rome and the city ring road.



## Epidemiological situation in Rome – May 2022

- **R. Zone II**

Rough surface = 514 km<sup>2</sup>

Urban fabric = 102 km<sup>2</sup>

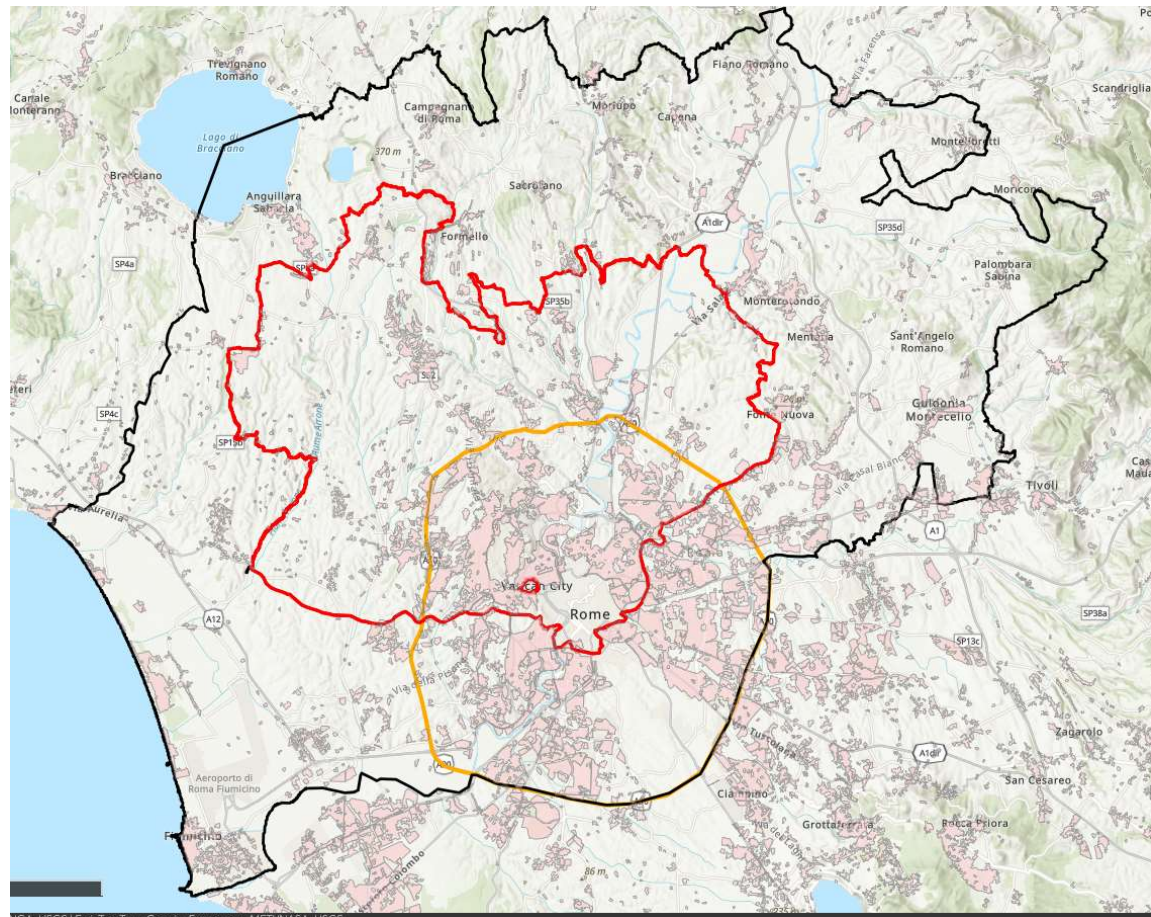
**WB Available  
habitat = 412 km<sup>2</sup>**

- **R. Zone I**

Rough surface = 1,201 km<sup>2</sup>

Urban fabric = 184 km<sup>2</sup>

**WB Available  
habitat = 1,017 km<sup>2</sup>**





## Epidemiological situation in Rome – the strategy

1<sup>st</sup> epidemic wave: May 2022 – September 2022

2<sup>nd</sup> epidemic wave: May 2023 – August 2023

### Infected Areas (ZR II - III)

- Delimit infected areas (fences) – block the spread
- Systematically remove carcasses – passive surveillance and search
- Where possible remove the susceptible population (catches)

### Bordering Areas (ZR I)

- Passive surveillance – carcasses
- Thinning of susceptible population - hunting + capture (reduction contacts) and tests

### Free Zones

- Passive carcass surveillance
- Management of susceptible populations - hunting - thinning plans

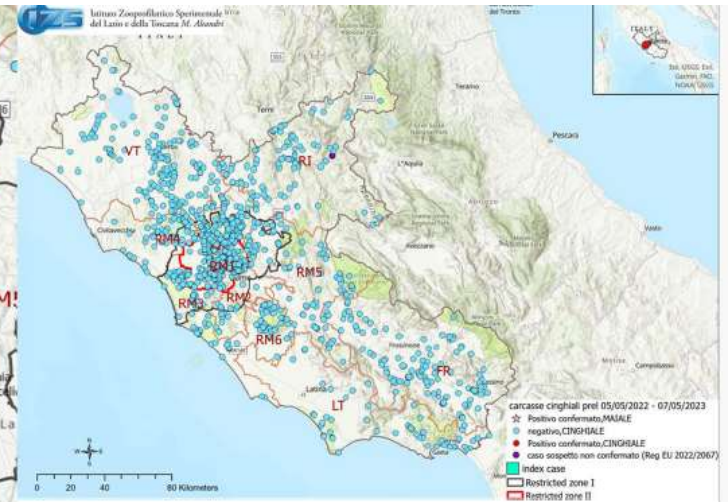
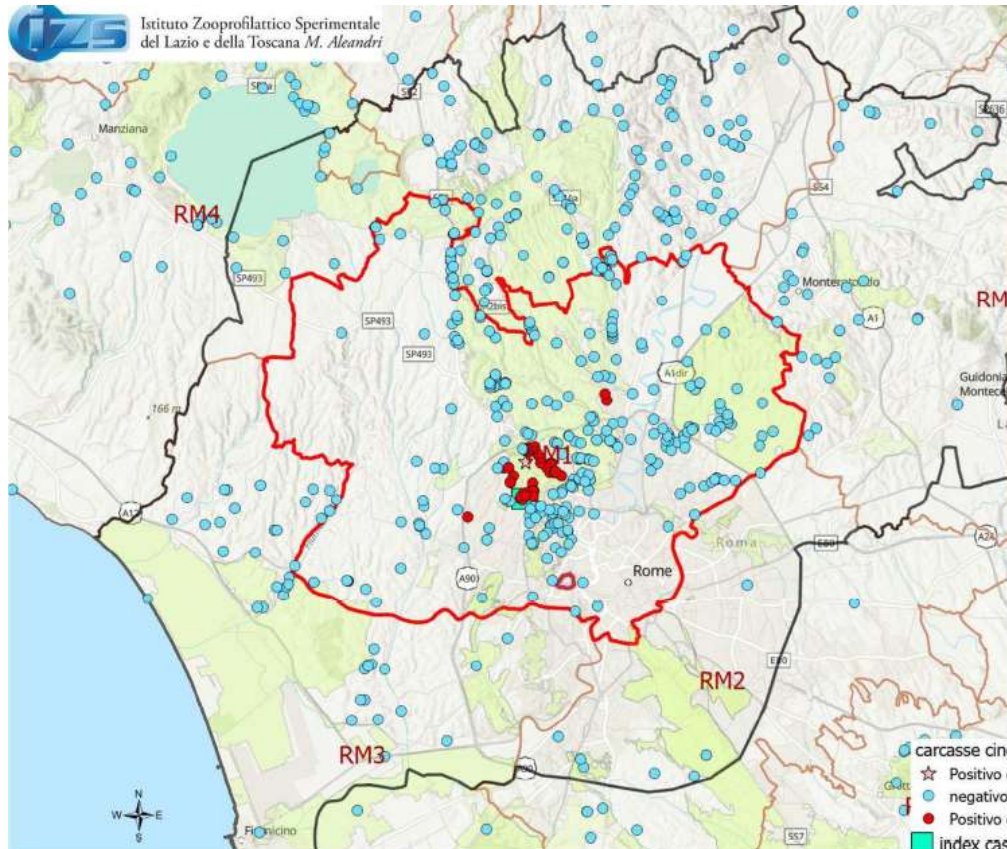


# Epidemiological situation in Rome - fencing

*Distribuzione dei varchi potenzialmente utilizzabili dai cinghiali lungo la barriera GRA (tratto Cassia-Castel Giubileo)*



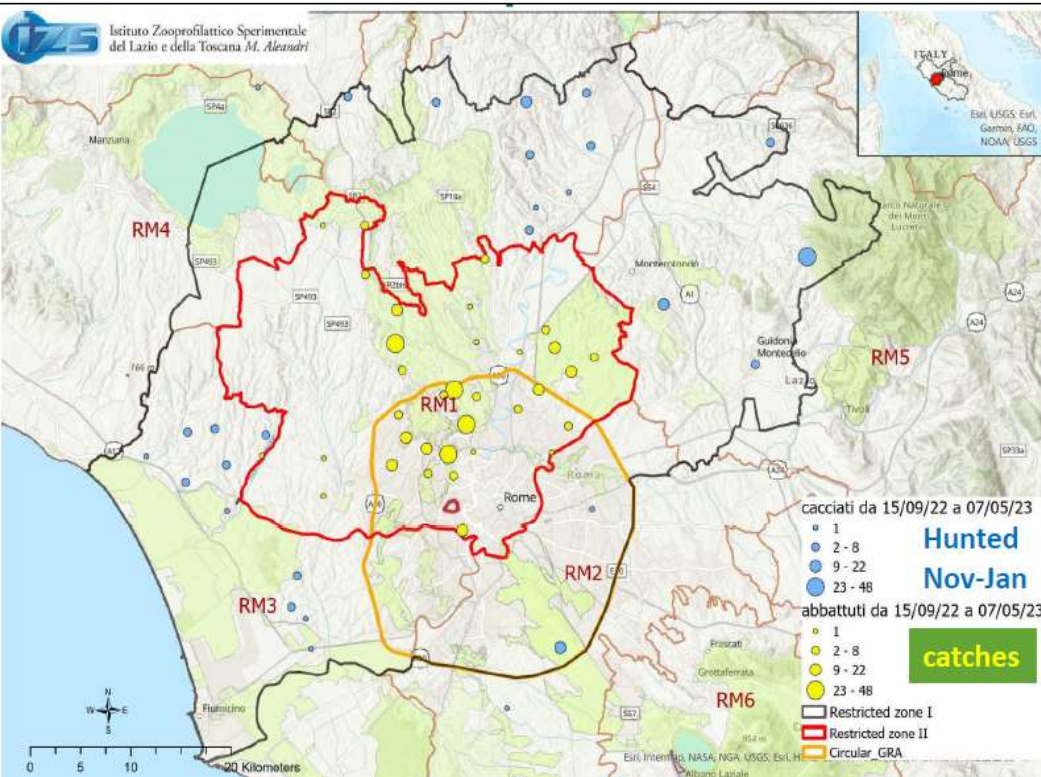
# Epidemiological situation in Rome - from May 2022 to April 2023



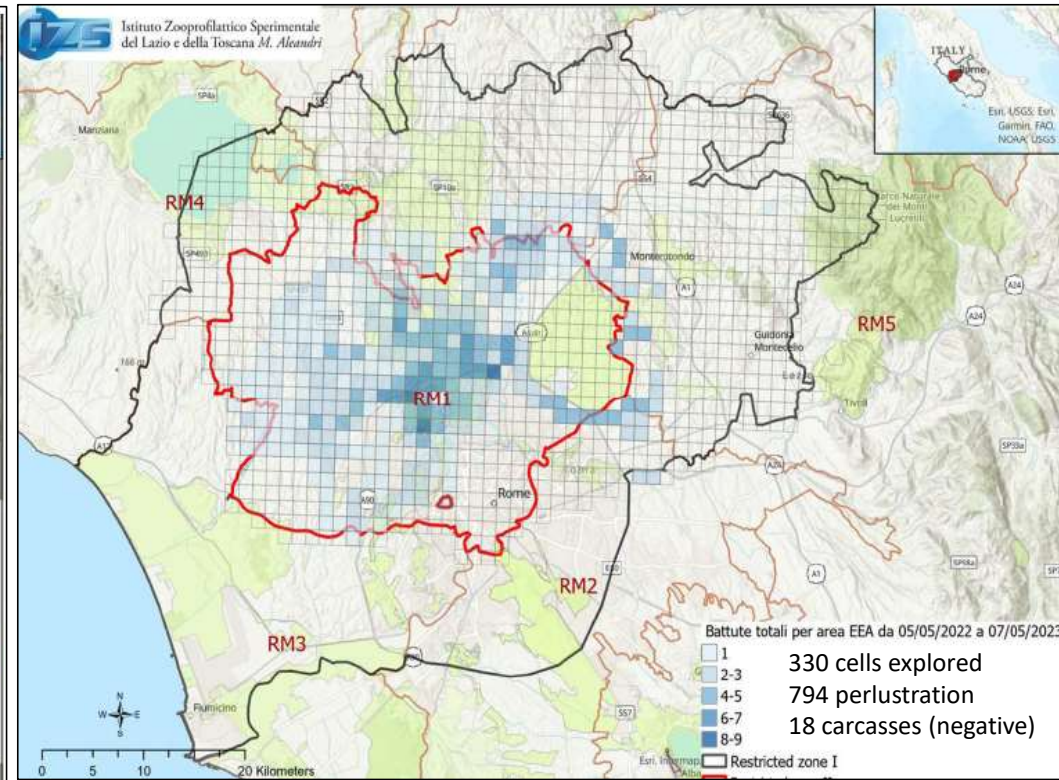
Zone II : 675 tests – **48 cases (46 within GRA)**  
 Zona I: 345 tests – no cases  
 Free Zone: 257 tests – no cases  
LAST CASE 14 SEPTEMBER 2022

# Epidemiological situation in Rome - from September 2022 to April 2023

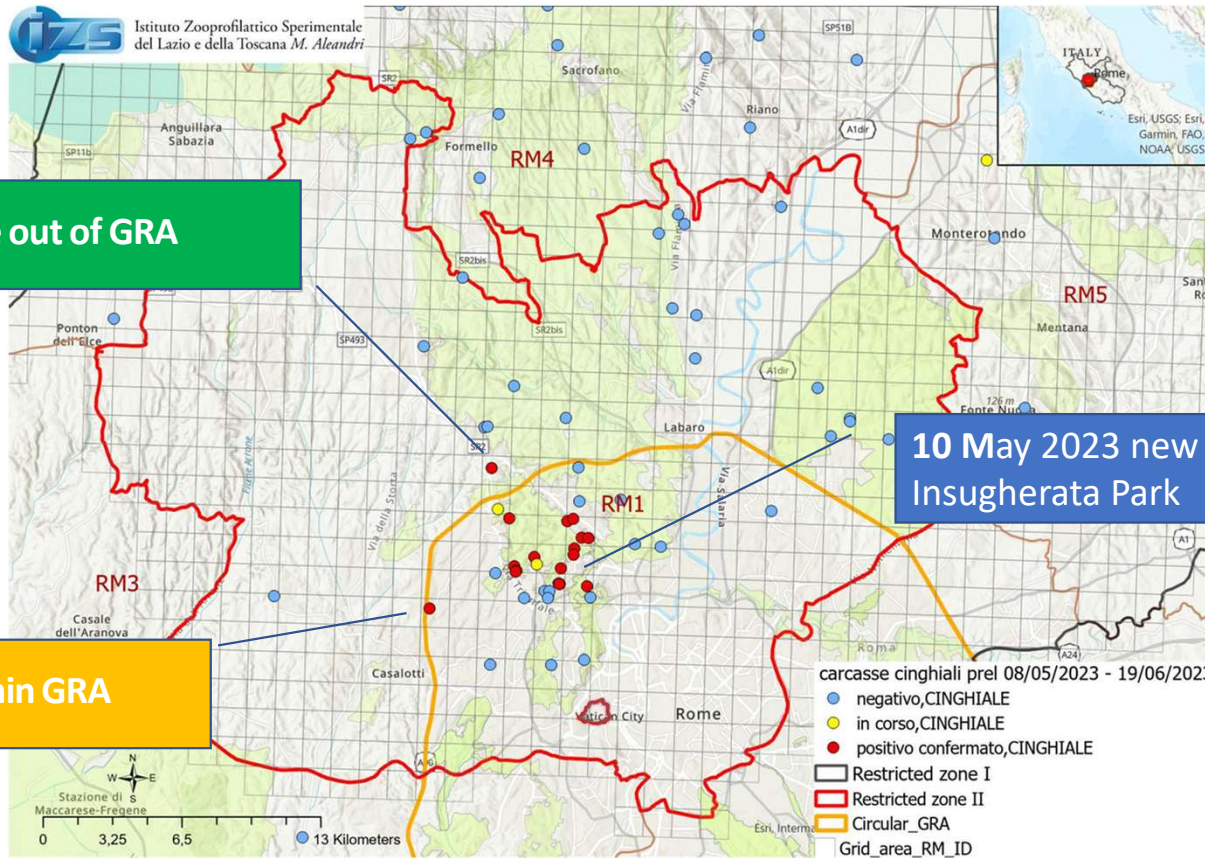
depopulation



Search for carcasses



# Epidemiological situation in Rome - May 2023

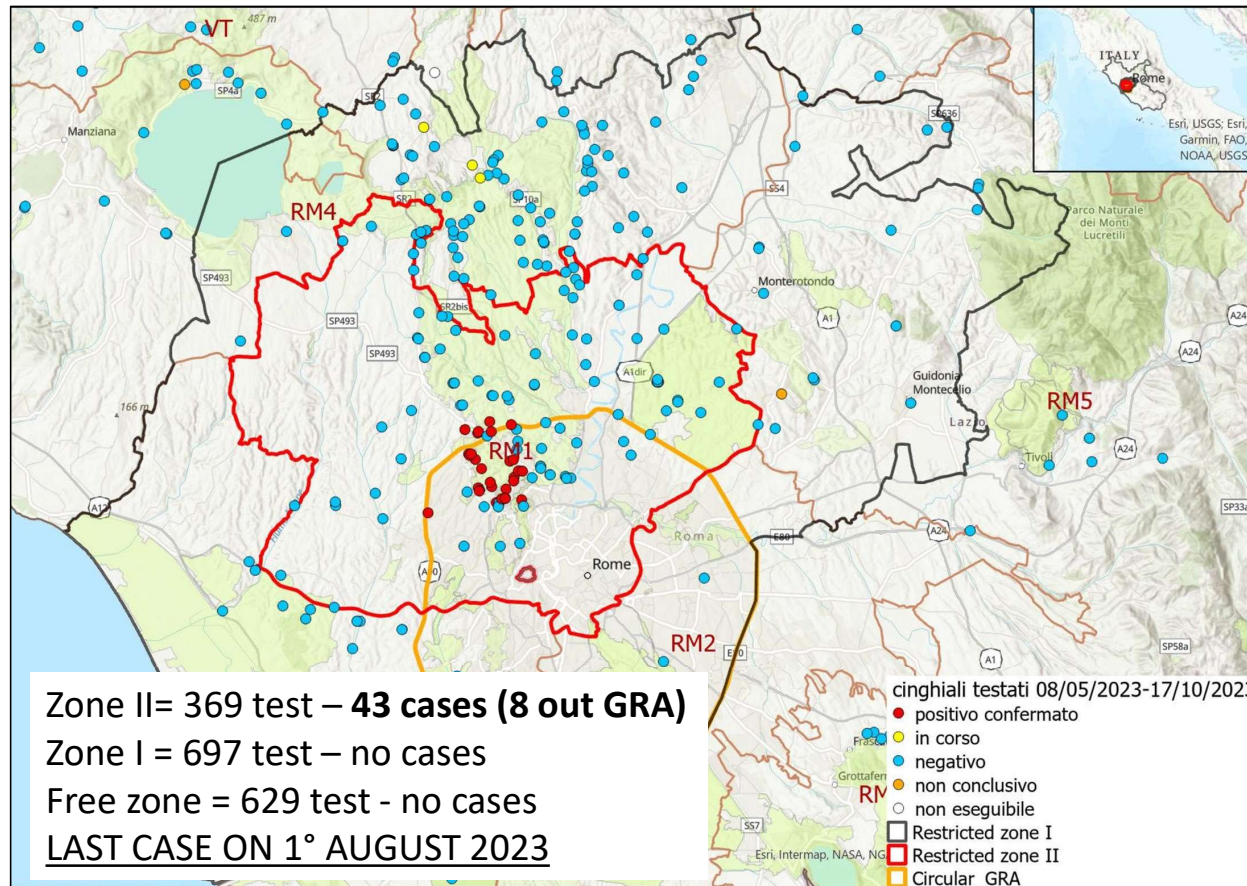


9 June a case out of GRA

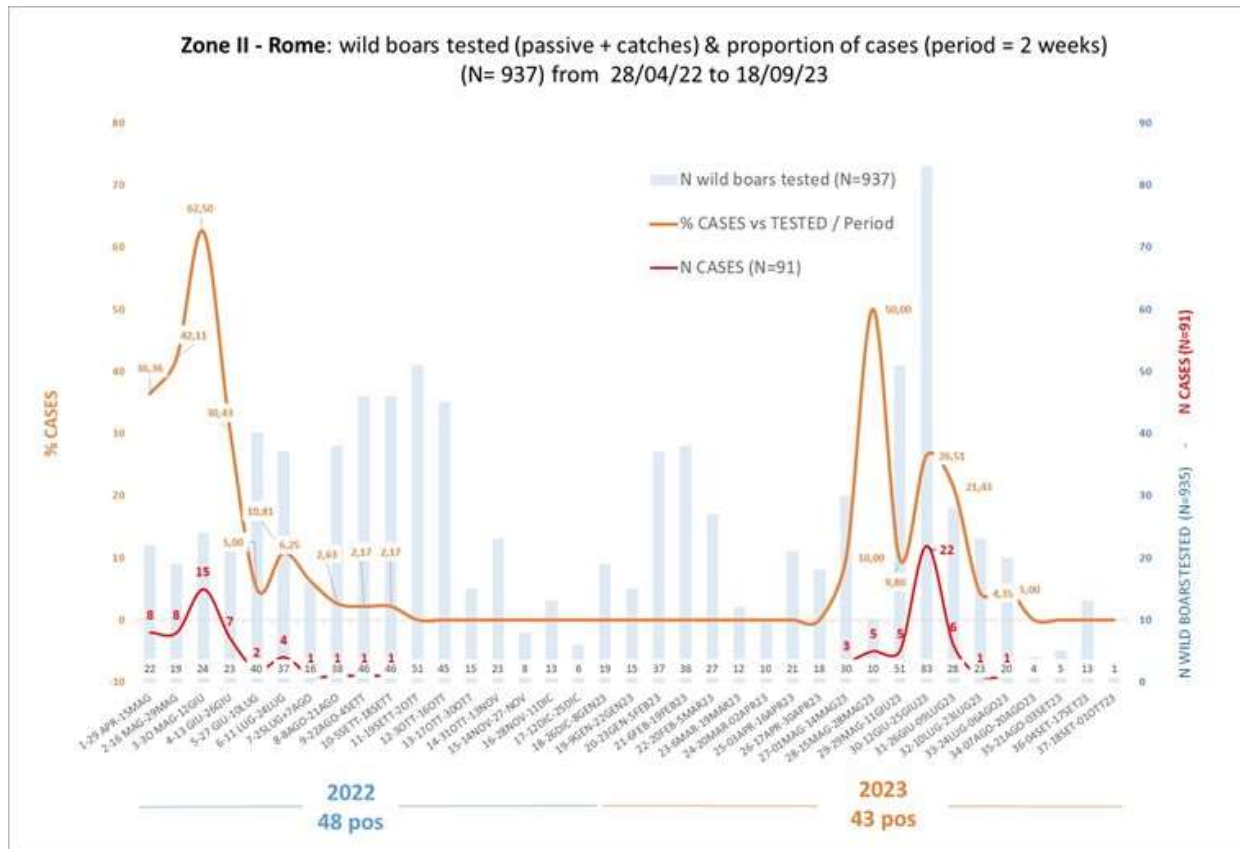
10 May 2023 new case in the Insugherata Park

11 May a case within GRA

# Epidemiological situation in Rome - from May 2023 to December 2023



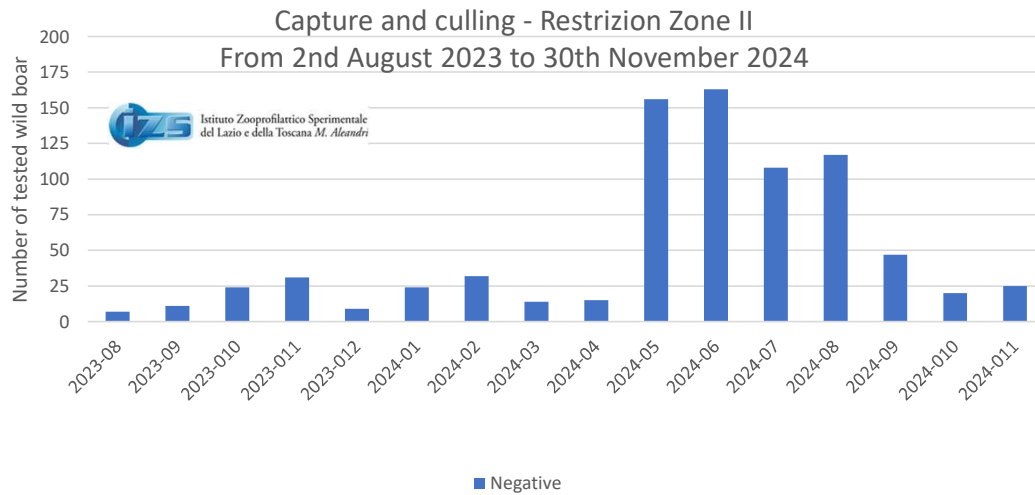
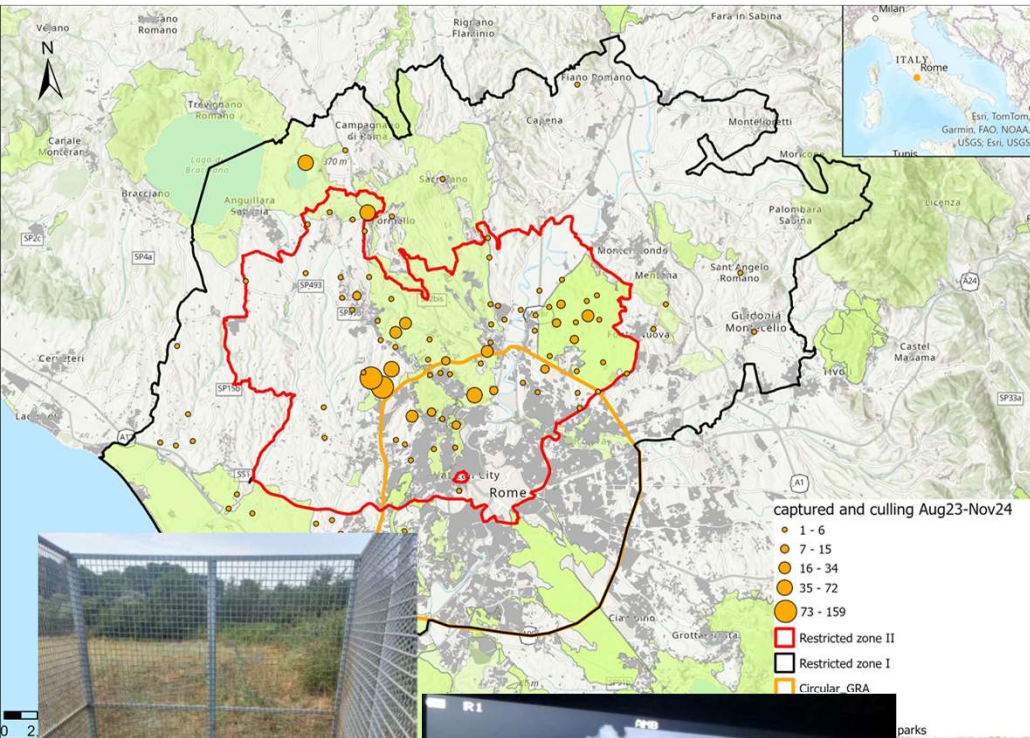
# Epidemiological situation in Rome – comparing 2022 and 2023



Same dynamic of 2022  
Same magnitude

Cases out of the GRA  
Cases between trapped animals in protected areas

# Epidemiological situation in Rome - from August 2023 to November 2024



## Restriction Zone II – traps and culling

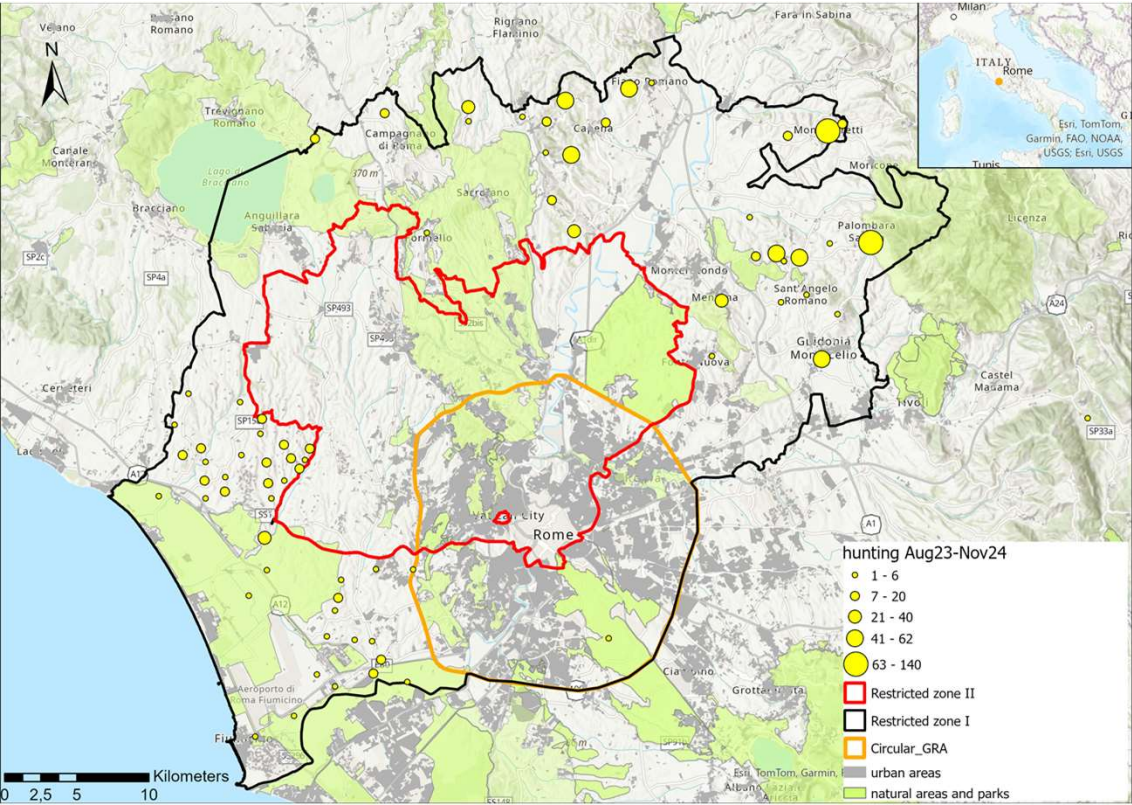
Tested N= 803

Negative N= 803





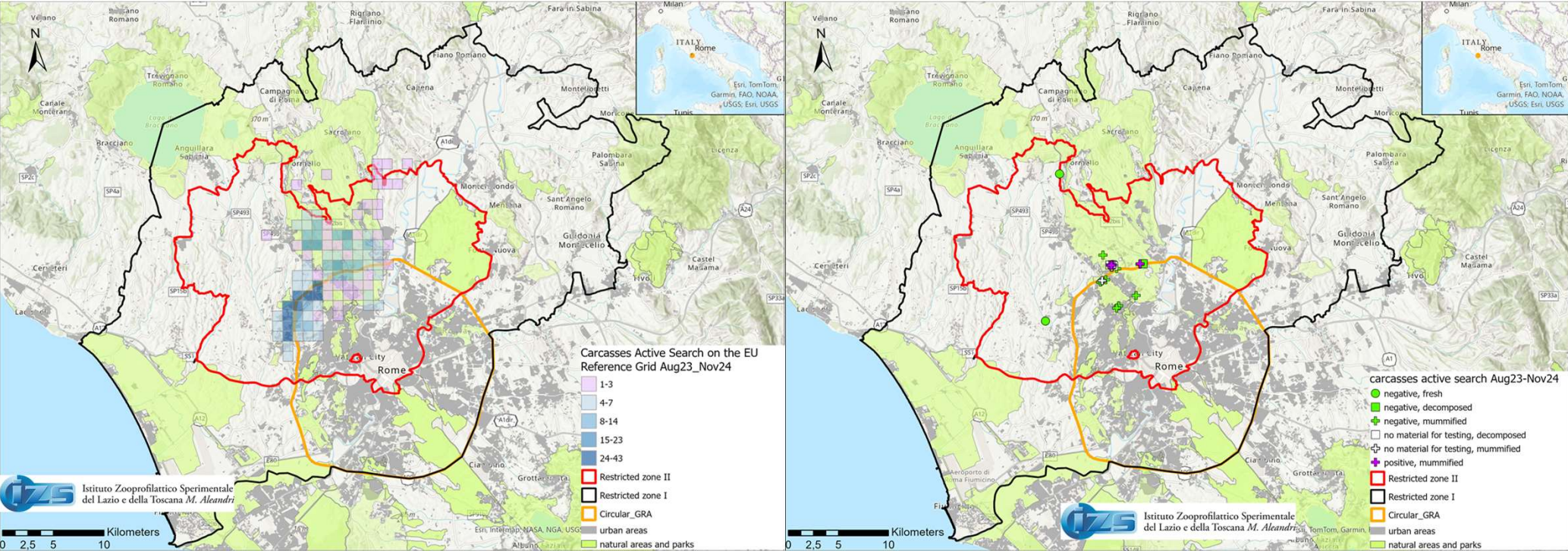
# Epidemiological situation in Rome - from August 2023 to November 2024



## Restriction Zone I - Huntig

Tested N= 1,029  
Negative N= 1029

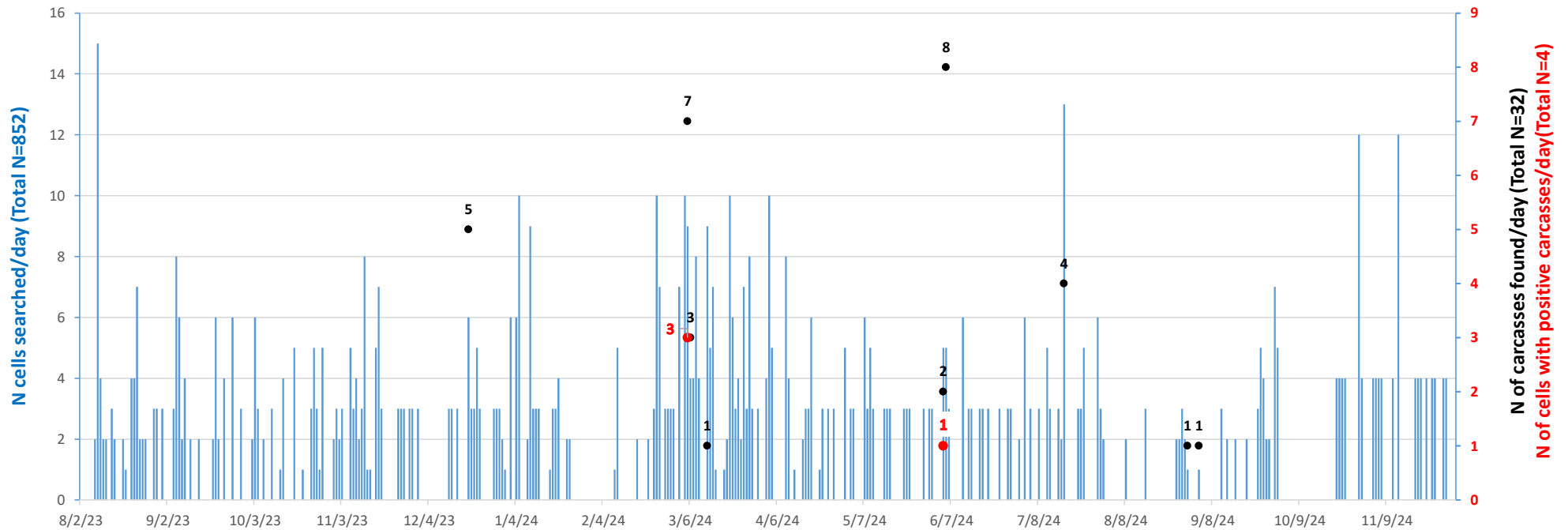
# Epidemiological situation in Rome - from August 2023 to November 2024



# Epidemiological situation in Rome - from August 2023 to November 2024

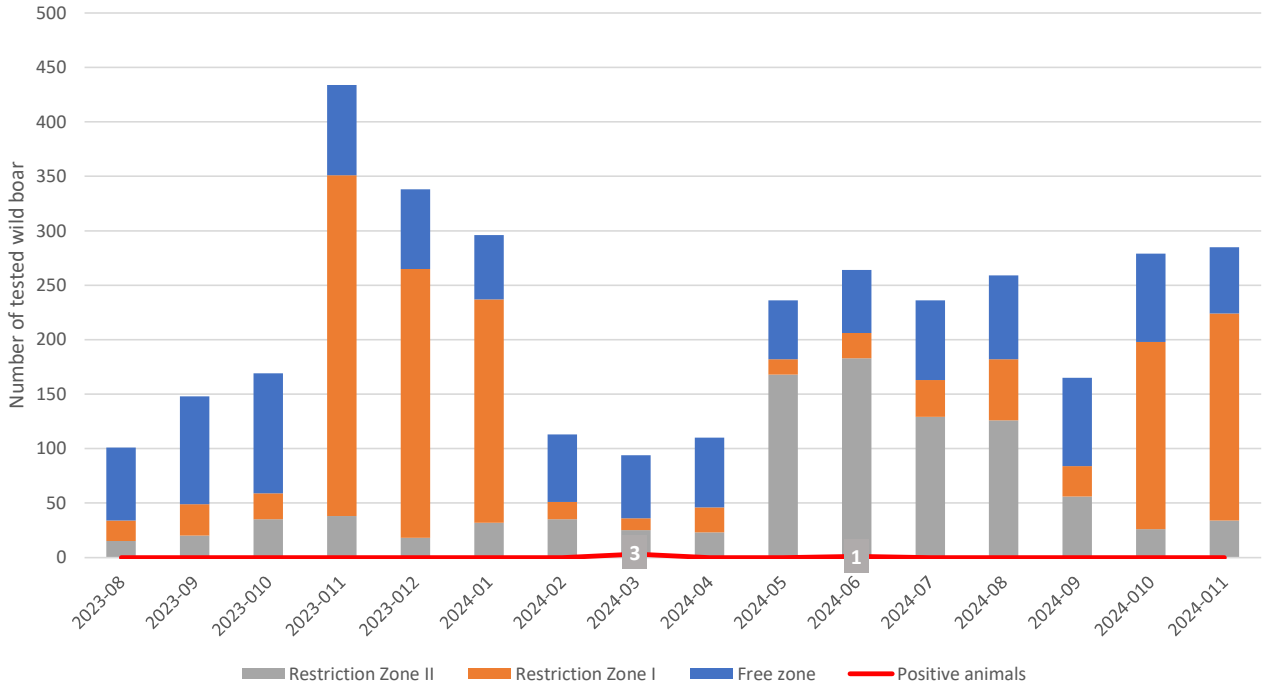
## Carcasses active search intensity From 2nd August 2023 to 30th November 2024

Number of active search activities (N=852) - wild boar carcasses found (N=32) - **positive carcasses (N=4)**



# Epidemiological situation in Rome - from August 2023 to November 2024

Trend of tested wild boars - All surveillance activities  
From 2nd August 2023 to 30th November 2024



**Total tested N= 3527**

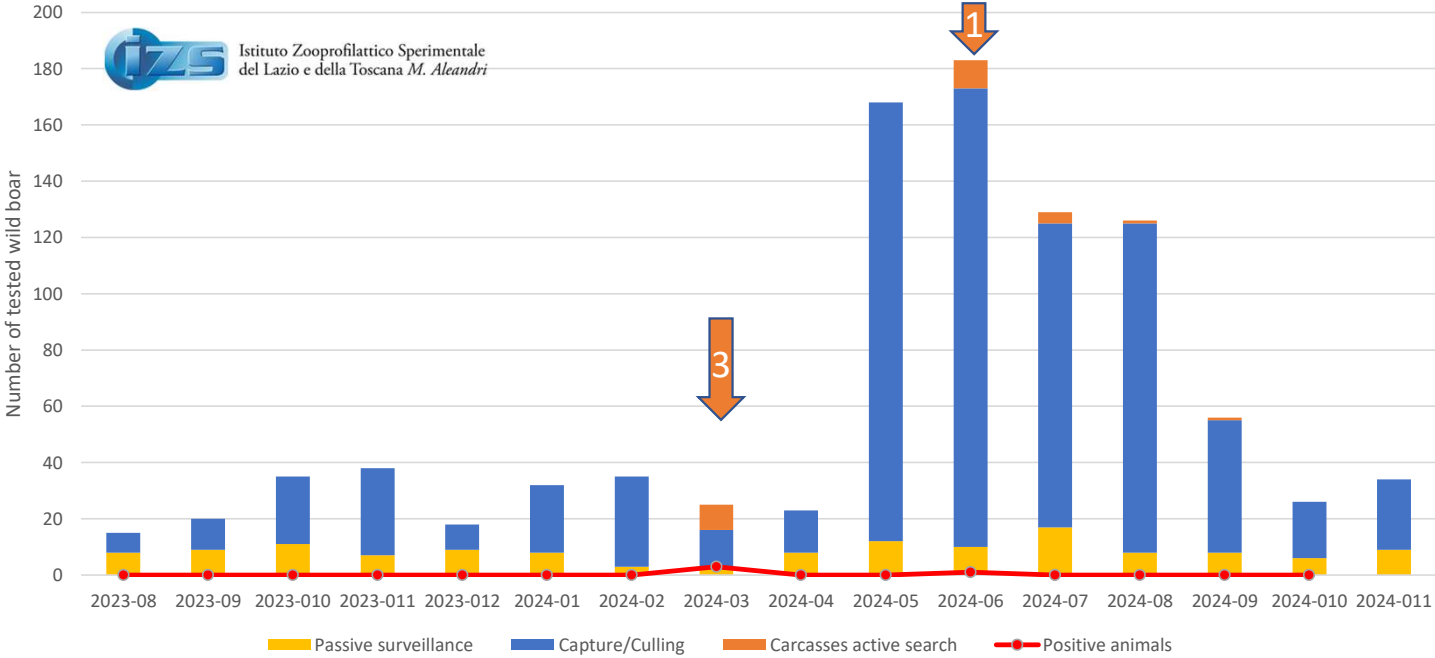
**RZ II**  
 Tested N= 963  
 Negative N= 959  
 Positive N=4 mummified

**RZ I**  
 Tested N= 1404  
 Negative N= 1404

**Free zone**  
 Tested N= 1160  
 Negative N= 1160

# Epidemiological situation in Rome - from August 2023 to November 2024

Number of tested wild boars by surveillance activity  
Restriction Zone II  
From 2nd August 2023 to 30th November 2024



**Passive surveillance**

Tested N= 135  
Negative N= 135

**Capture/Culling**

Tested N= 803  
Negative N= 803

**Carcasses active search**

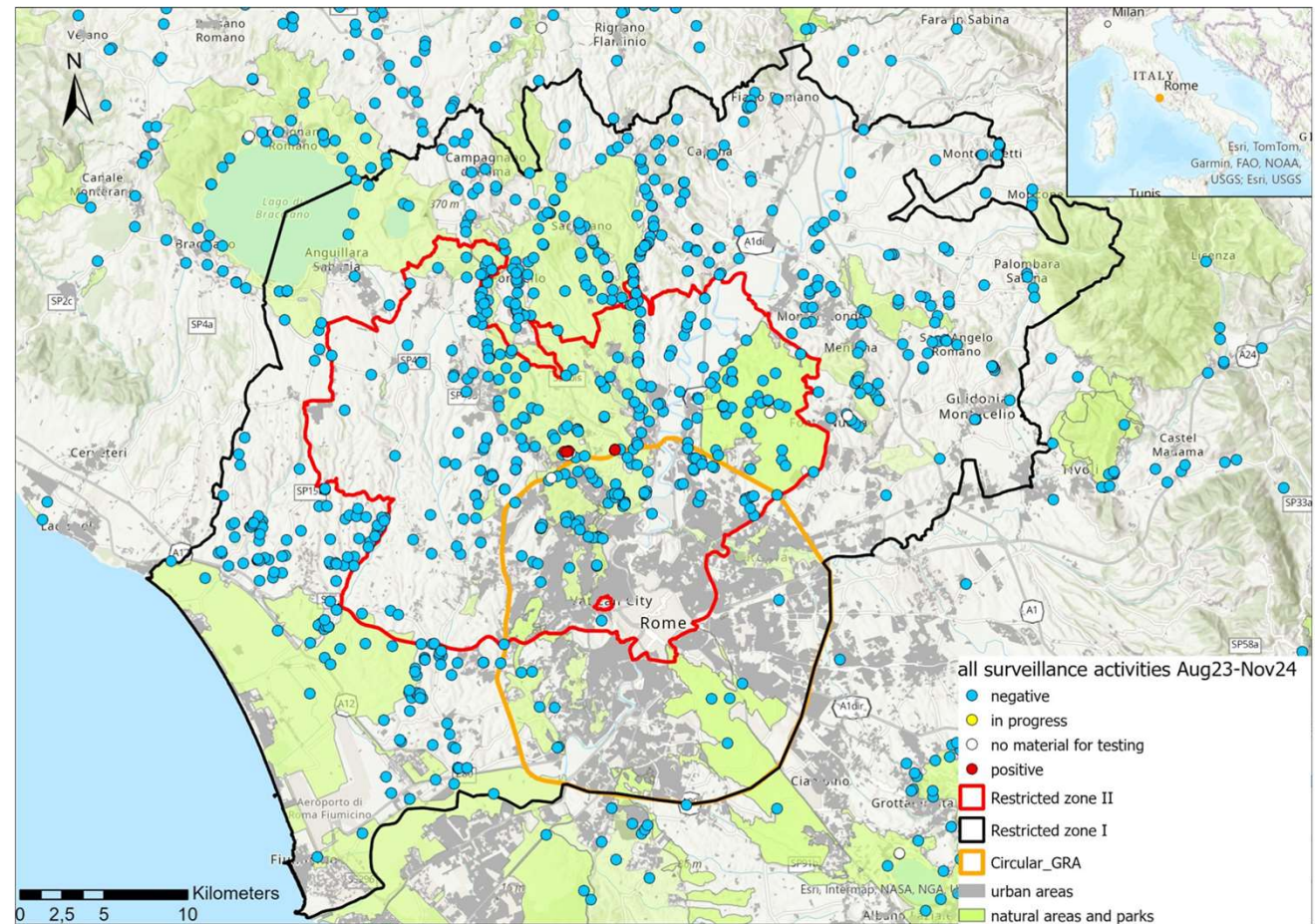
Tested N= 32  
Negative N= 21  
Positive N= 4 mummified  
No mat. for testing = 7

# Epidemiological situation in Rome - from August 2023 to November 2024

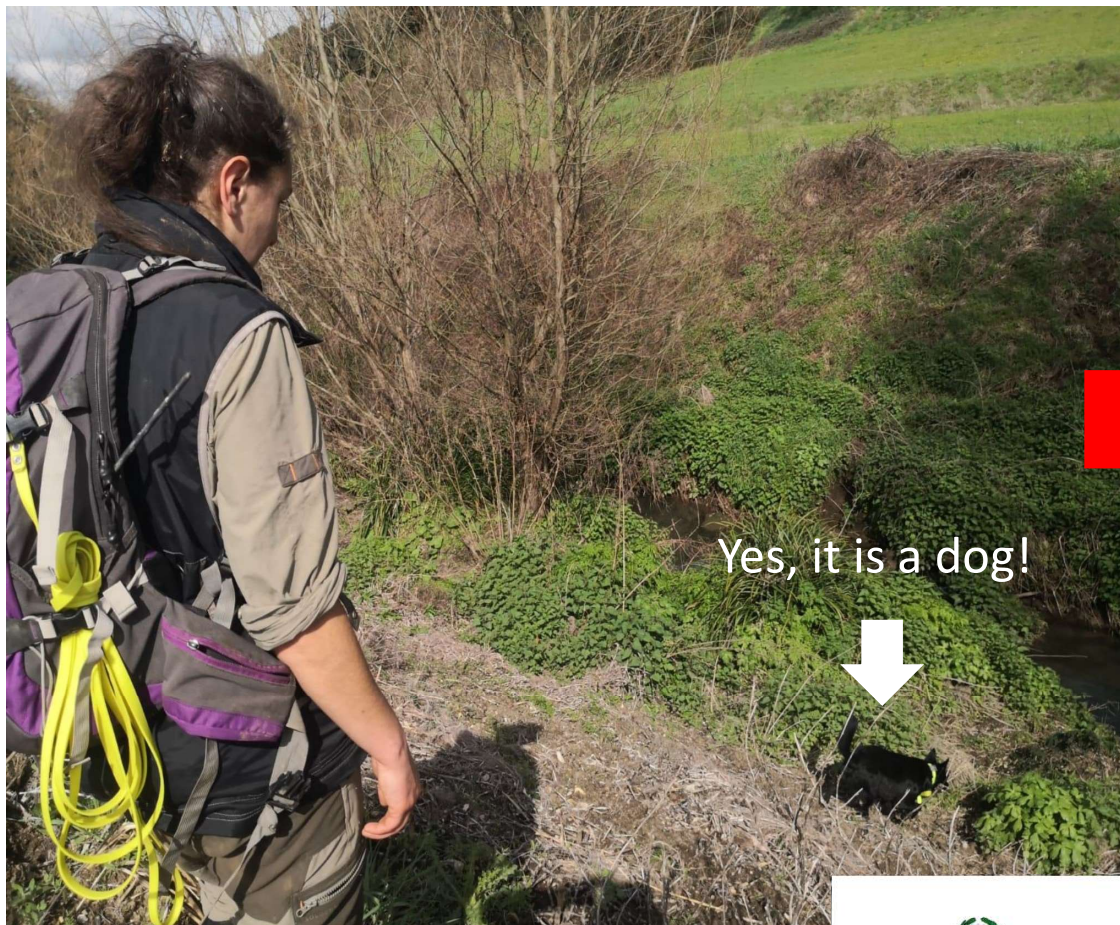
## Overall ASF Surveillance

From 2nd August 2023  
to 30th November 2024

Following the last case  
(in fresh carcass) on 1<sup>o</sup>  
august 2023



## Epidemiological situation in Rome – search of carcasses



## Epidemiological situation in Rome – cases in 2024

RELAZIONE TECNICA FORENSE  
RELATIVA ALL'ANALISI DEI REPERTI OSSEI, IDENTIFICATI  
CON NUMERO DI SERVIZIO DIAGNOSI 24028356

IN MERITO A

RESTI OSSEI RISULTATI POSITIVI AL VIRUS DELLA PESTE  
SUINA AFRICANA  
RITROVATI DURANTE LE ATTIVITÀ DI SORVEGLIANZA ATTIVA  
NEL PARCO DI VEJO - DEL 5/03/2024

DOTT. SSA GIULIA ROSA  
PROF. ORLANDO PACIELLO

CENTRO DI RIFERENZA NAZIONALE  
PER LA MEDICINA FORENSE VETERINARIA  
ISTITUTO ZOOPROFILATTICO SPERIMENTALE  
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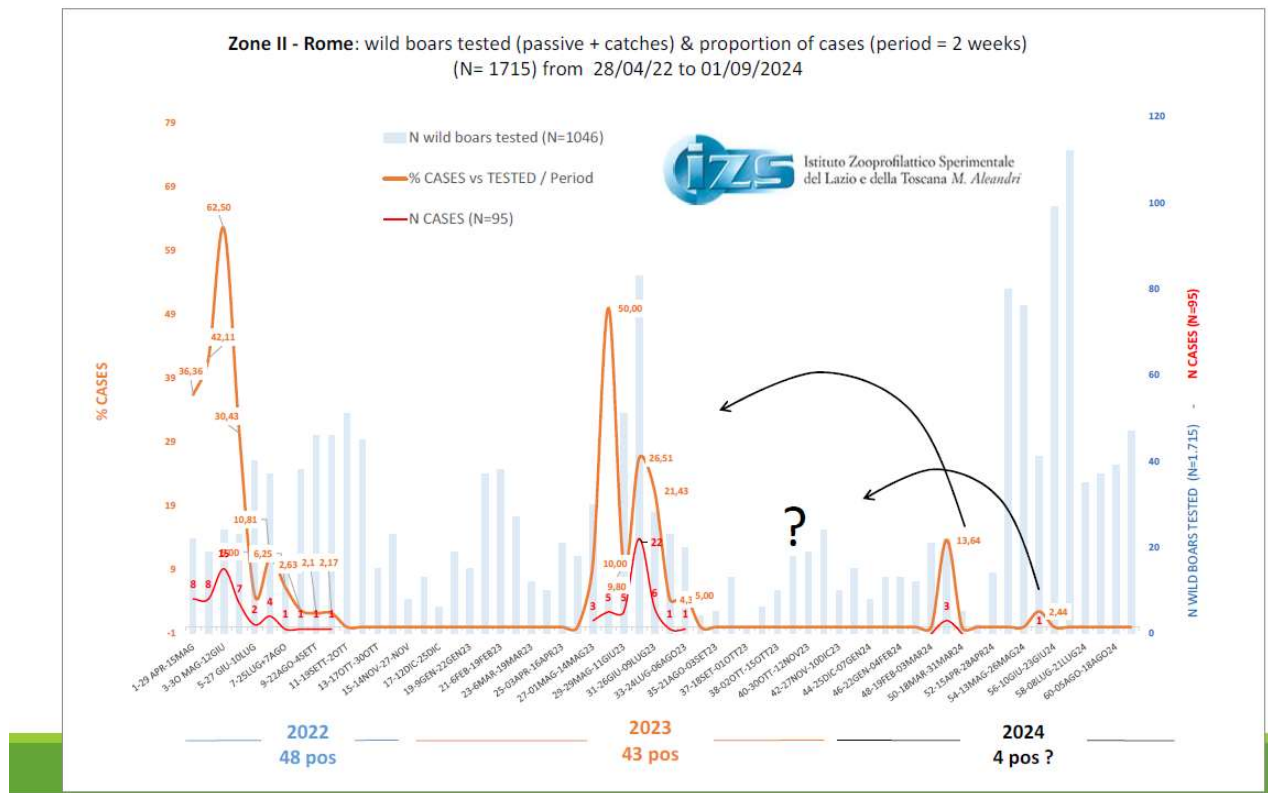
The complete absence of soft tissues on the examined bone surfaces allows us to classify the state of decomposition as **“extreme decomposition”** according to the Galloway 5-stage scale. The growth of plant material on the bone surface appears, due to its morphology and color, compatible with moss. The growth rates of moss are strongly influenced by the species and the surrounding microenvironment. However, their identification on the specimens in this report suggests that the bones, once skeletonized, remained exposed for a sufficient time to allow further growth of plant material on their surface. Therefore, given this premise, the time elapsed since the death of the animal in this report can be placed in a time frame of **more than 6 months**.



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# Epidemiological situation in Rome



## Epidemiological situation in Rome

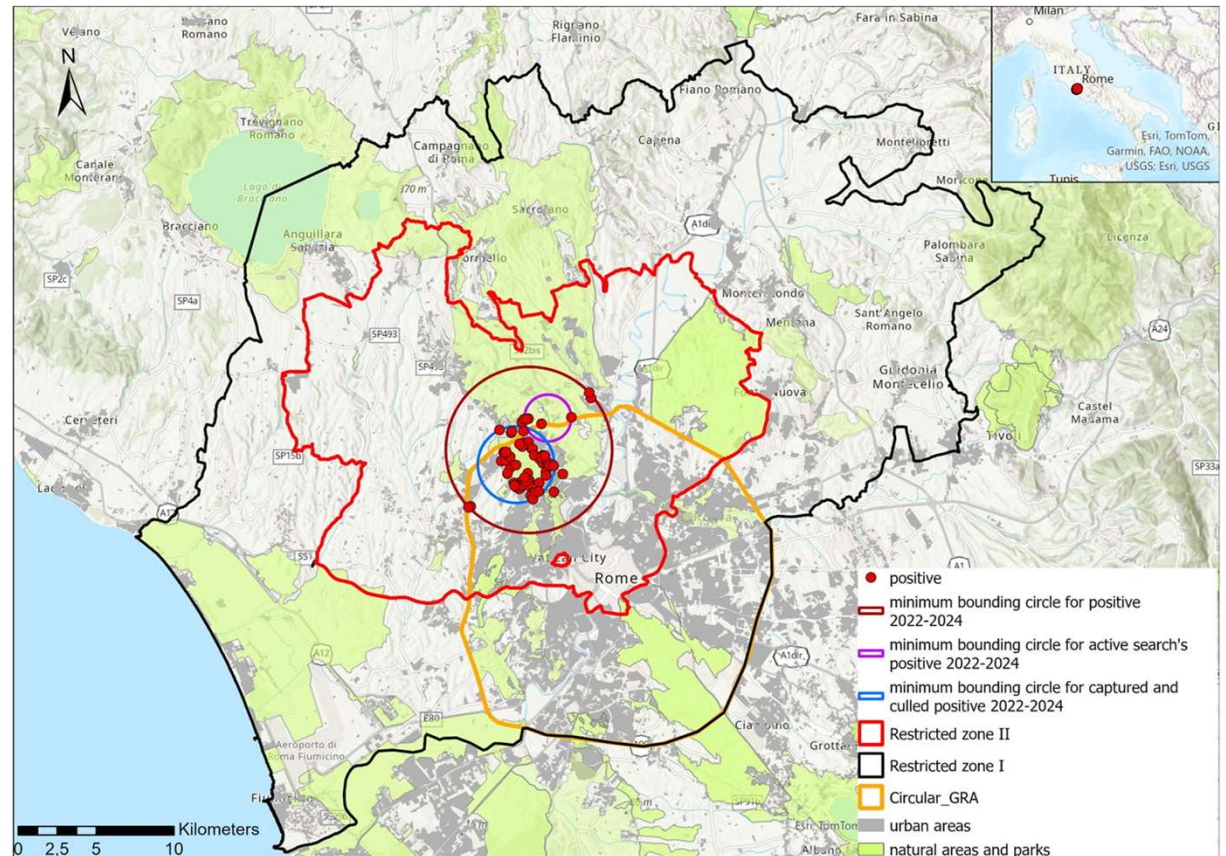
Overall ASF Surveillance  
2022-2024

max distance between  
ASF cases by surveillance  
component

Overall = 11 Km

Active search = 3 Km

Captured = 5 Km





Thanks to the colleagues from the regional and local veterinary service, the epidemiological unit IZSLT, colleagues from agricultural side, park Rangers, Hunters, Enci-certified handlers and dogs for searching for carcasses and all the people involved that believe to reach the eradication goal.