



World Organisation for Animal Health Founded as OIE

### Standing Group of Experts on ASF in Europe under the GF-TADs umbrella

24<sup>th</sup> meeting (SGE ASF-24)

03-04 April 2025

### ASF SITUATION from 1st April 2024 to 31st March 2025 [Russia]

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## Wild boar surveillance

#### In the zones of the country considered free until at least the beginning of the period Wild boar found dead

Period considered (for the year before 31 March 2025)	N° wild boar found dead % PCR positive		% seropositive
01.04.2024 - 31.03.2025	31	0	0

#### Wild boar hunted

Period considered (for the year before 31 March 2025)	N° wild boar hunted	% PCR positive	% seropositive
01.04.2024 - 31.03.2025	3 131	0	0

#### In the zones of the country already considered affected at the beginning of the period

#### Wild boar found dead

Period considered (for the year before 31 March 2025)	N° wild boar found dead	% PCR positive	% seropositive	
01.04.2024 - 31.03.2025	242	19,4 (47)	0	
Wild boar hunted				
Period considered (for the year before 31 March 2025)	N° wild boar hunted	% PCR positive	% seropositive	
01.04.2024 - 31.03.2025	19 471	0,12 (23)	0	

Total WB investigation: 22 875 (-29% to earlier period)

Affected 3 hunting farm (70 ASF-positive boars) in Nizhny Novgorod, Voronezh regions and the Republic of Mari El

## Domestic pigs surveillance

#### In the zones of the country considered free until at least the beginning of the period

Period considered (for the year before 31 March 2025)	N° suspicions Commercial farms / backyards	N° confirmed outbreaks Commercial farms / backyards
01.04.2024 - 31.03.2025	2 / 17	0/0
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### Investigation: PCR = 33 635, ELISA = 2 830

#### In the zones of the country already considered affected at the beginning of the period

Period considered	N° suspicions	N° confirmed outbreaks
(for the year before 31 March 2025)	Commercial farms / backyards	Commercial farms / backyards
01.04.2024 - 31.03.2025	11 / 63	0 / 5

### Investigation: PCR = 955 863, ELISA= 205 898

### Total laboratory tests: 1 198 226 (+3% to earlier period)

Affected regions : Nizhny Novgorod, Chelyabinsk, Kostroma, Kirov regions and Khanty-Mansiysk Autonomous Okrug

# Surveillance of transmission vectors

Ornithodoros, a genus of argasse mites (See Argass mites). About 40 species; distributed mainly in the tropics and subtropics. There are 7 species in the USSR: in Average Asia, Kazakhstan, Crimea, Moldova, on The Caucasus. They live in burrows, nests, and temporary shelters of mammals, birds, and reptiles, feeding on the blood of these animals.

Lit.: Filippova N. A., Argass mites (Argasidae), M., **1966**. (Fauna of the USSR. Arachnids, vol. 4, v. 3).



Geographical distribution of tick sampling sites (365) for entomological research, 2024 - 2025

#### Literature:

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Federal Law No. 492-FZ of December 30, 2020 ''On Biological Safety in the Russian Federation'': changing the properties and forms of pathogens, as well as the properties and habitats of their vectors

# Surveillance of transmission vectors

#### Taxonomic characteristics of Ixodidae family ticks by subjects of the Russian Federation

NՉ	Regions of Russia	Total number of found ticks	Name of the genus, family at Ixodidae
1	Bryansk region	35	Rhipicephalus, Haemaphysalis, Dermacentor, Ixodes
2	Kaliningrad region	98	Hyalomma, Rhipicephalus, Scapularis, Haemaphysalis, Dermacentor, Ixodes
3	Moscow region	7	Dermacentor, Haemaphysalis, Ixodes
4	Saratov region	17	Hyalomma, Dermacentor, Rhipicephalus, Haemaphysalis, Ixodes, Scapularis
5	Republic of Chuvashia	11	Rhipicephalus, Hyalomma, Dermacentor
6	Ulyanovsk region	11	Rhipicephalus, Dermacentor
7	Pskov region	4	Haemaphysalis, Hyalomma
8	Krasnodarskiy kray	135	Rhipicephalus, Haemaphysalis, Ixodes
9	Republic of Crimea	29	Rhipicephalus, Haemaphysalis, Ixodes
10	Voronezh region	18	Dermacentor, Haemaphysalis
Total			365

#### **Ancestral affiliation:**

Ixodes – 58 ticks. (15,9 %);

Haemaphysalis – 168 ticks. (46,2 %);

Rhipicephalus – 43 ticks. (11,9 %);

Rhipicephalus (*subgenus Boophilus*) – 39 ticks. (10,9 %);

Scapularis – 5 ticks. (1,4 %);

Hyalomma – 10 ticks. (2,8 %);

Dermacentor – 38 ticks. (10,5%).

No Ornithodoros genus was found among the identified mites of the Argasidae family



Famaly *Ixodes*, genus *Dermacentor* 

Famaly Ixodes, genus Rhipicephalus

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# Conclusion

- The risk of new outbreaks in the RF in 2025 is estimated as moderately. ASF outbreaks may be register in backyard farms with a low level of biosecurity, as well as in the population of wild boars in infected areas;
- An increase in the number of laboratory tests within the framework of ASF surveillance contributes to the early detection of the disease, reducing the risk of spread ASF virus from infected animals and timely elimination of outbreaks.
- Changing climatic conditions in European countries necessitate the study of possible changes in the distribution range of ASF virus transmission vectors, including ticks of the genus Ornithodoros.







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