

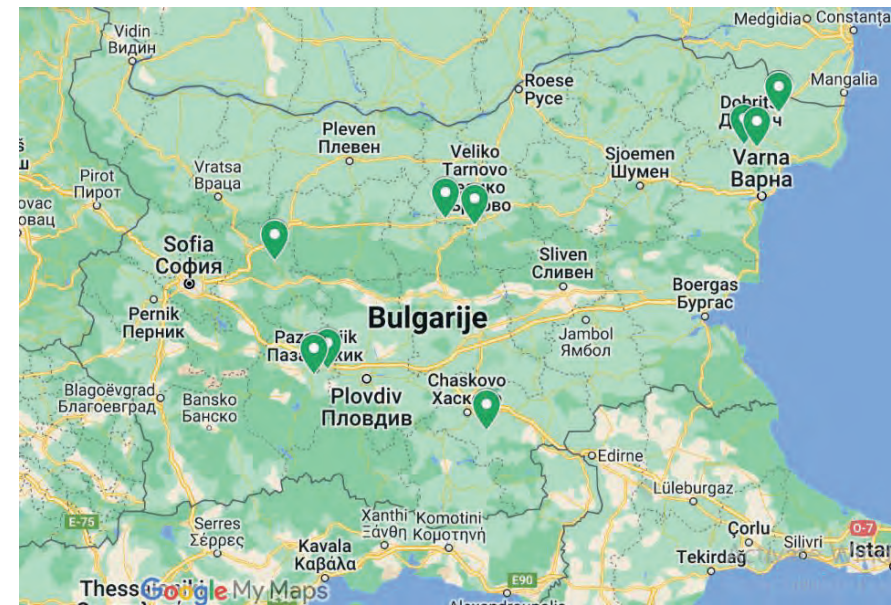


HPAI epidemiological situation in Bulgaria /update/

PAFF AH&AW committee 23.01.2024

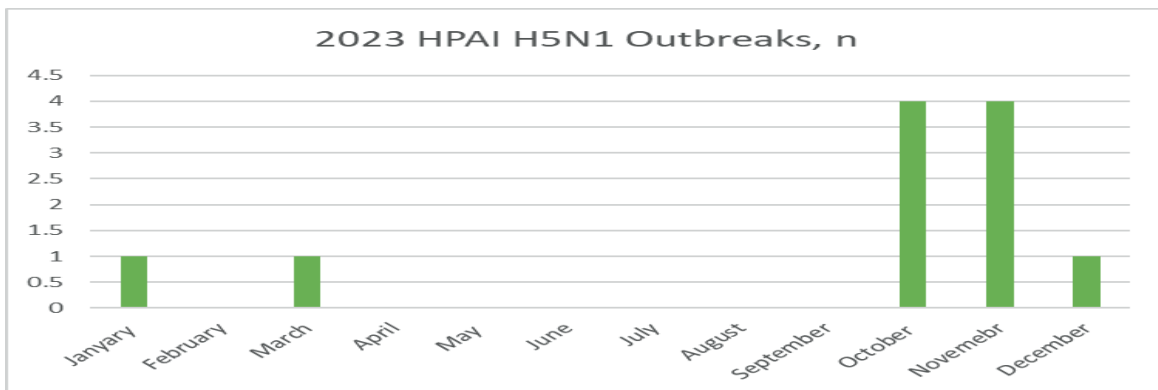


HPAI (H5) in Bulgaria Overview: 2023



Region	ADIS ref N	HPAI	Date of suspicion	Date of confirmation	Poultry category	Affected poultry, n	Date of preliminary C&D
Sofia district	BG-HPAI(P)-2023-00001	H5N1	22.01.2023	24.01.2023	Quail farm	15000	28.01.2023
Veliko Turnovo	BG-HPAI(P)-2023-00002		27.03.2023 30.03.2023	27.03.2023 30.03.2023	Backyard laying hens	33	31.03.2023
Veliko Turnovo	BG-HPAI(P)-2023-00003		22.10.2023	24.10.2023	Laying hens	395045	11.11.2023
Pazardzhik	BG-HPAI(P)-2023-00004		25.10.2023	26.10.2023	Laying hens	171911	17.11.2023
Haskovo	BG-HPAI(P)-2023-00005		26.10.2023	27.10.2023	Laying hens	39950	5.11.2023
Pazardzhik	BG-HPAI(P)-2023-00006		31.10.2023	31.10.2023	Laying hens	248	14.11.2023
Dobrich	BG-HPAI(P)-2023-00007		7.11.2023	7.11.2023	Laying hens	189100	20.11.2023
	BG-HPAI(P)-2023-00008		8.11.2023	8.11.2023	Laying hens	320274	
	BG-HPAI(P)-2023-00009		14.11.2023	14.11.2023	Breeder Pekin ducks	11840	24.11.2023
	BG-HPAI(P)-2023-00010		H5N1	25.11.2023	27.11.2023	Laying hens	129 027
	BG-HPAI(P)-2023-00011	H5N1	29.11.2023	01.12.2023	Laying hens	66969	8.12.2023

- Total number of outbreak: 11 HPAI H5N1;
- 6 affected regions;
- Affected poultry holdings: commercial farms (10) and backyard (1);
- Affected poultry category: quail farm (1), laying hen farms (8), Pekin duck farm (1);
- Primary outbreaks (9) and secondary (2);
- Early detected outbreaks :confirmation within the passive surveillance, except one located a restriction zone;
- No clinical signs, only high mortality;
- Total number of poultry affected: more than 1 300 000 poultry;
- No active outbreaks and zones (as by 22.01.2024).



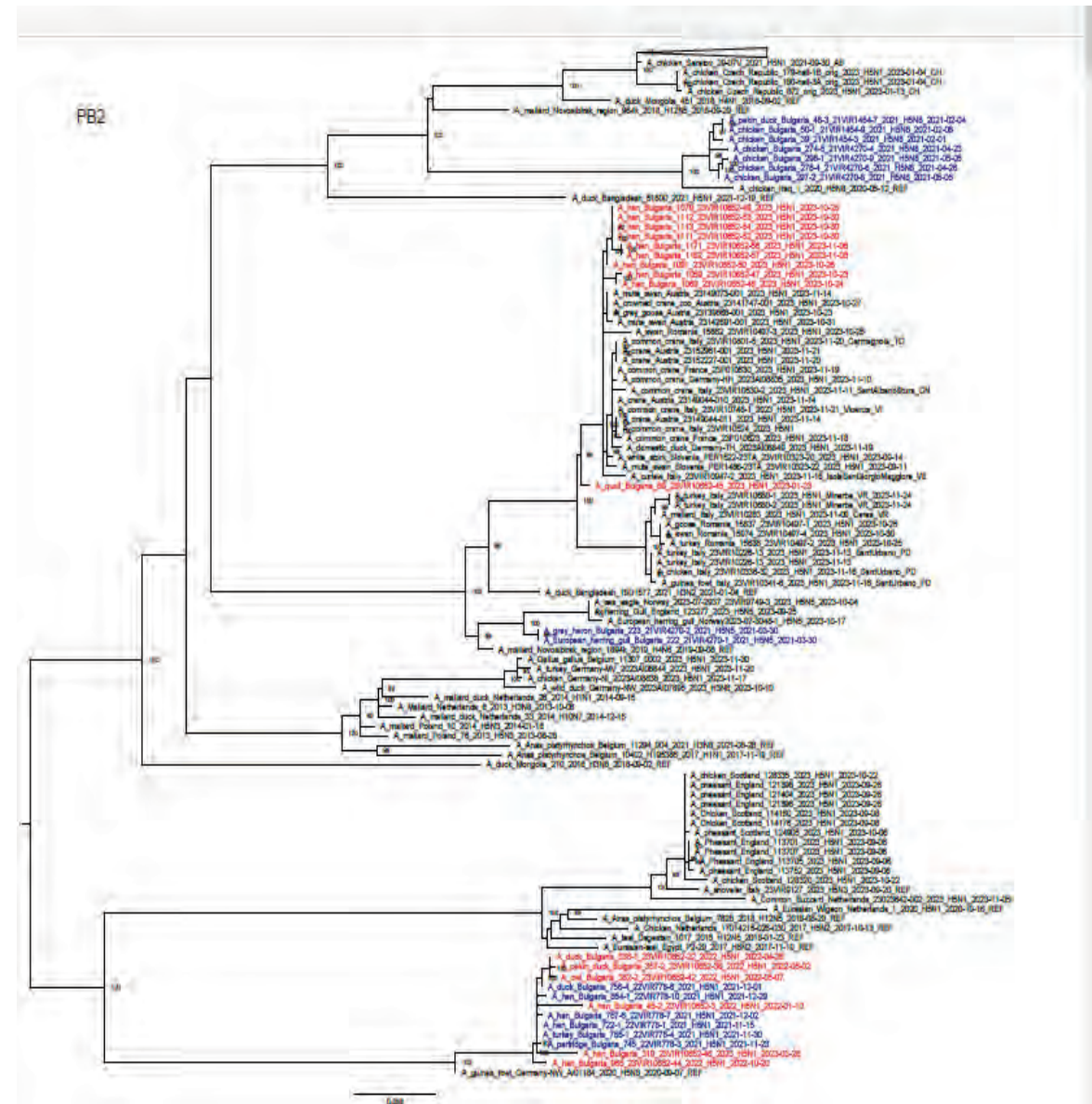
H5PAI (H5) in Bulgaria

Overview: 2023

Genome characterization of 16 HPAI H5N1 viruses identified in Bulgaria from January 2022 to November 2023

HPAI H5N1 viruses of clade 2.3.4.4b and belong to three different genotypes:

- viruses from April 2022 and March 2023, belong to genotype AF and cluster detected in November-December 2021;
- one virus collected from a hen in January 2022 belongs to genotype AP, with the same genic composition of genotype AF with the exception of some gene segments;
- the outbreak in a quail farm (Jan 2023) and the viruses collected from October-November 2023 belong to a new genotype, named DA, which has been detected also in other MSs since September 2023.

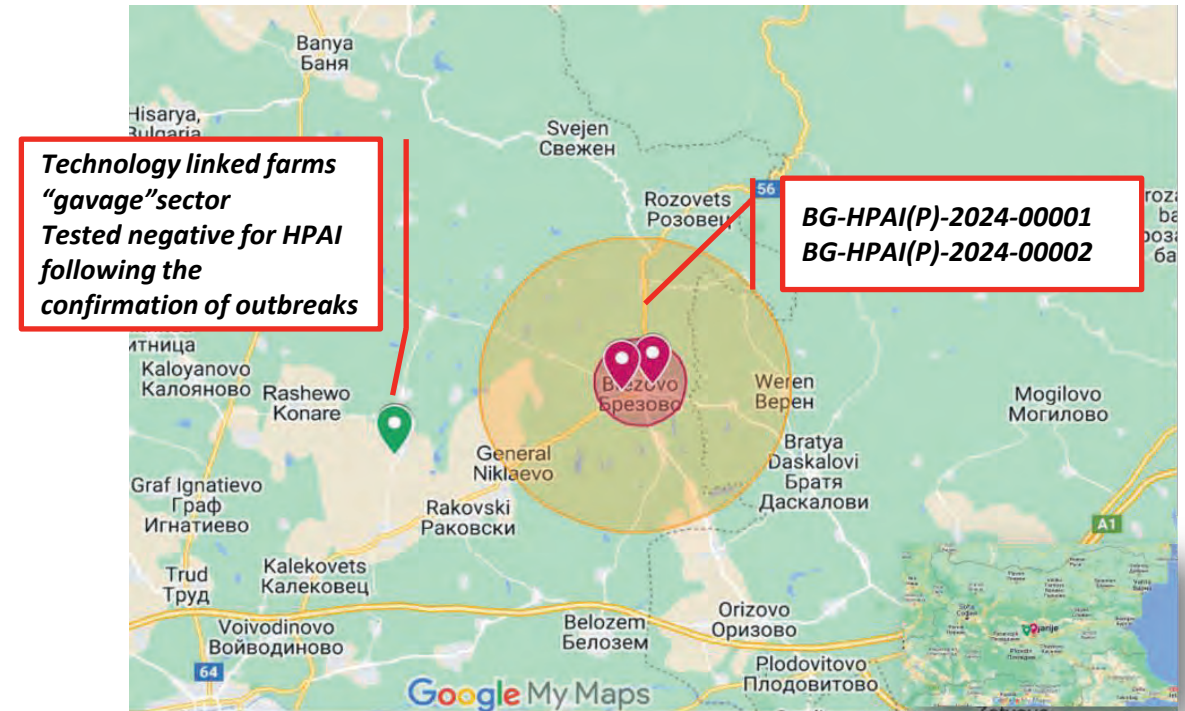


Source- Istituto Zooprofilattico Sperimentale delle Venezie
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HPAI (H5) in Bulgaria

January 2024

- Holdings: Mulard duck farms;
- Location – Brezovo village, Plovdiv region
- Primary outbreaks, detected within the intensified official control.
- Clinical signs appeared in single poultry (60 days old) mainly neurological symptoms (such as trembling, running round in circles or loss of balance), no mortality observed;
- Holdings are technology separated, but owned by the same company;
- Restriction zones (RZ) - only Mulard duck holdings: 3-km (3 holdings with 18400) and in 10 km zone (5 holdings with 36700 ducks) until 17.02.2024
- Surveillance in the RZ (clinical inspection and sampling) takes place in all commercial poultry holdings + technology linked holdings (to be completed till 26.01.2024) ;
- Epidemiological investigation - still going on;



Map 1- location of the affected farms in Plovdiv region and the established 3 and 10-km restriction zones

Region	ADIS ref N	HPAI	Date of suspicion	Date of confirmation	Poultry category	Affected poultry, n	Date of culling of poultry	Date of preliminary C&D	Additional comments
Plovdiv	BG-HPAI(P)-2024-00001	H5N1	08.01.2024	11.01.2024	Mulard duck	4850	17.01.2024	21.01.2024	Mulard duck up to 80 days of age
	BG-HPAI(P)-2024-00002					3800			

HPAI (H5) in Bulgaria

January 2024

Control measures in place:

- No movement from restriction zones for EU trade;
- Intensified official control in the commercial farms – continuing;
- Intensified laboratory control - pre-movement testing;
- Enhanced surveillance in wild birds;
- Ban for outdoor keeping of poultry, live poultry market, exhibitions and competitions in the whole country;
- Enhancing the passive surveillance through awareness campaigns focused on farmers and veterinarians;
- Meeting with stakeholders – local authorities, poultry association, farmers for ensuring early detection, emergency response and preparedness.
- Development of Multi-institutional plan for control and prevention of HPAI - to be adopted by the Council of Ministers



Thank you for the attention!

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