



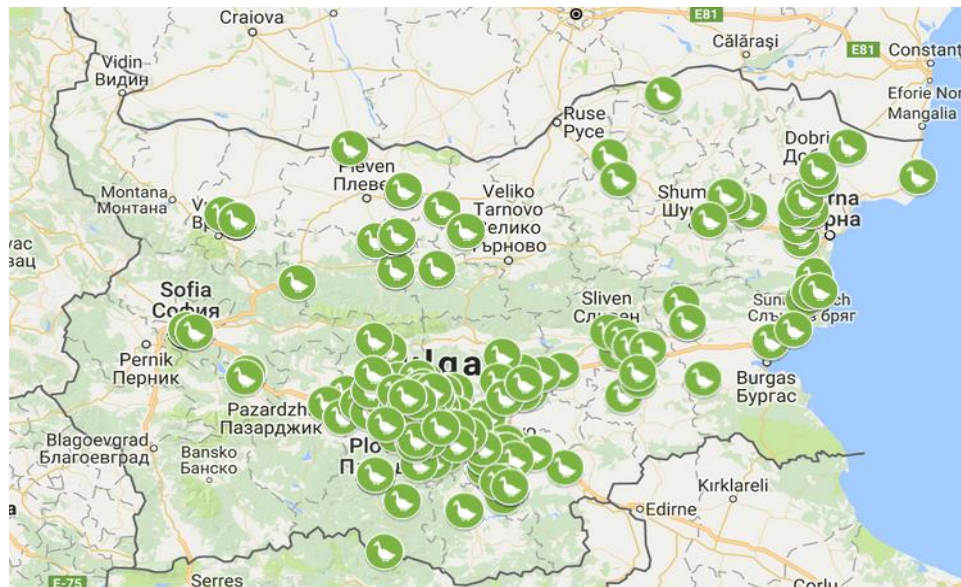
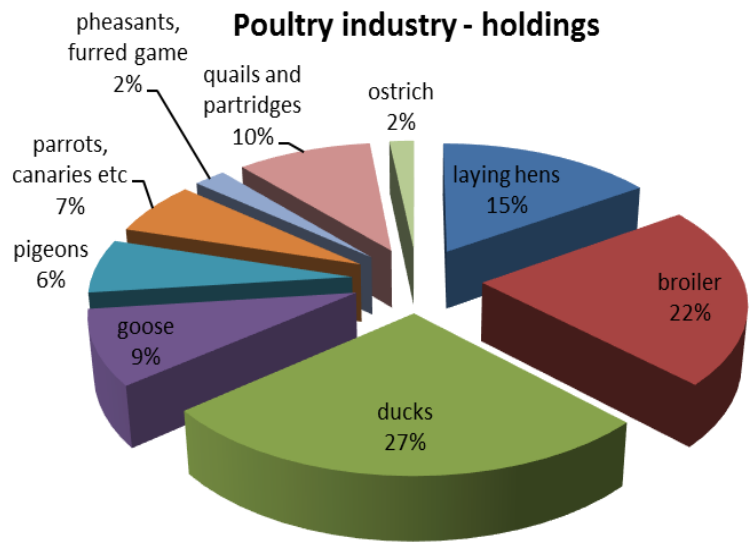
REPUBLIC OF BULGARIA
MINISTRY OF AGRICULTURE, FOOD AND FORESTRY
BULGARIAN FOOD SAFETY AGENCY

Avian influenza situation in Bulgaria update

PAFF Meeting , 14 June 2018, Brussels

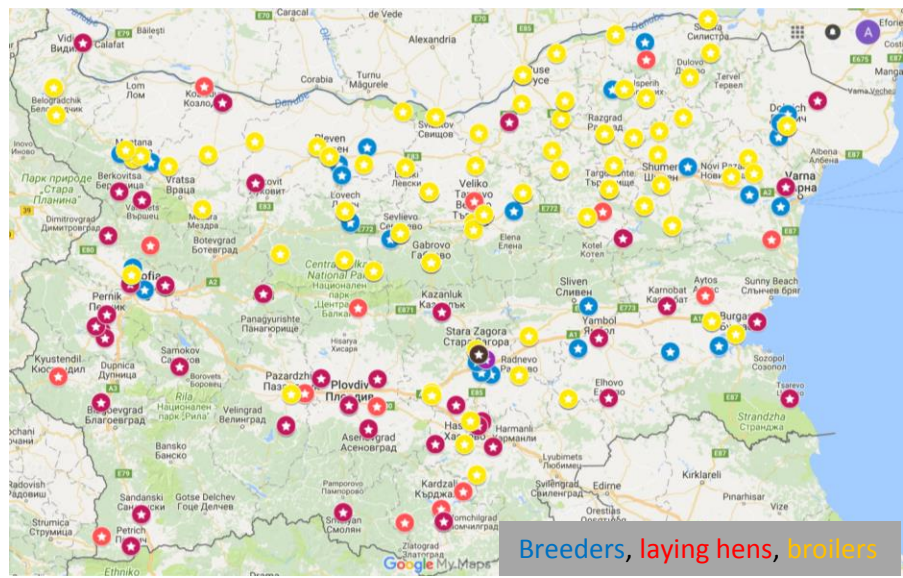


Poultry industry - holdings



Poultry sector

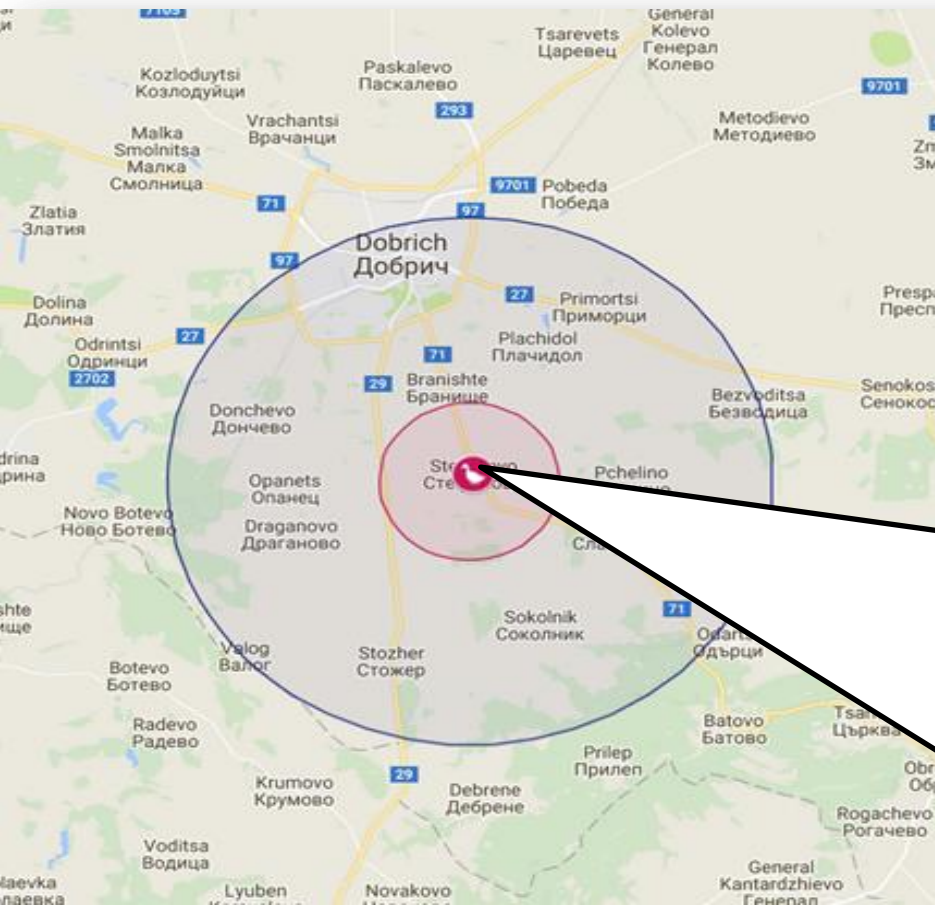
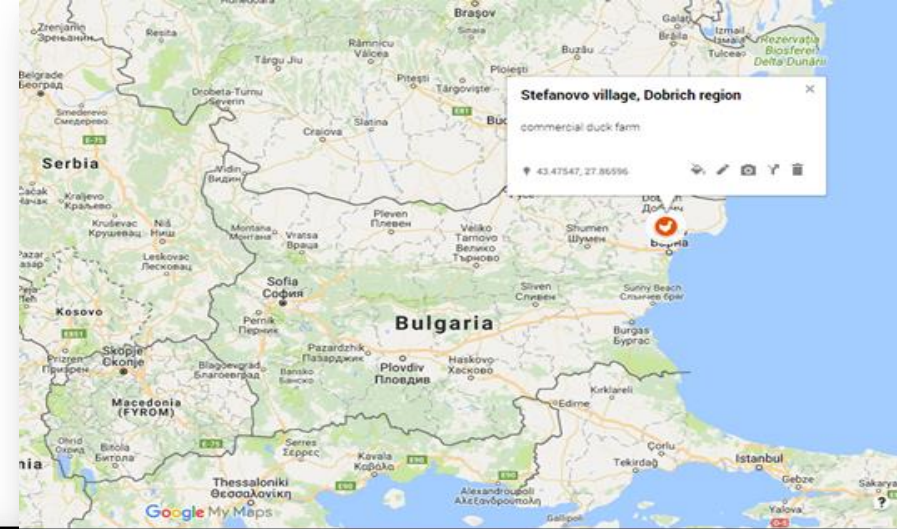
Category	Holding, n	Poultry, n
Hatchary (hens)*	24	
breeding and laying hens	158	6 974 647
broiler	237	15 788 960
ducks	257	2 706 982
goose	755	4 473
pigeons	26	2 402
parrots, canaries etc	675	4 080
pheasants, quails and Partridges (farmed game)	252	120 688
ostrich	16	455
back yards	219 197	2 265 510





Last HPAI outbreak

➤ ADNS 2018/10



- Stefanovo village, Dobrich region
- Pekin duck farm
- Suspicion 23/05/2018
- Confirmation 25/05/2018
- Higher mortality notified and clinical signs suggested (water and feed drop)
- Possible source - environment (transport means, workers)
- HPAI outbreak confirmed Oct 2017 (ADNS 2018/64)
- 3 km protective zone - 3 holdings (1 duck hatchery, 1 broiler farm, 1 mulard duck (rearing))
- 10 km surveillance zone - 13 holdings (6 broiler farms, 3 laying hen farms, 1 breeding farm and 1 mulard duck farm for foie gras, 2 poultry hatchery)

Overview of HPAI situation

Since March 2018 – as by now



- 10 outbreaks of H5N8
 - 1 in laying hen farm
 - 8 in duck farms
 - 1 in captive poultry
- 313 597 total number of culled and destroyed poultry

ADNS	farm/backyard	Settlement	Municipality	Region	culled poultry			Number of birds death	Total number of birds in farms	Date of laboratory confirmation	date of culling
					laying hens	Ducks	partridge				
1	laying hens	General Toshevo	General Toshevo	Dobrich	139000				139000	02.03.2018	05.03.2018
2	duck farm	Zimnica	Straldja	Yambol		6000			6000	04.04.2018	05.04.2018
3	duck farm	Krumovo	Rodopi	Plovdiv		5600		38	5600	10.04.2018	13.04.2018
4	captive	Chekeritsa	Stryama	Plovdiv			720		720	17.04.2018	17.04.2018
5	duck farm	Malevo	Haskovo	Haskovo		2000		29	2200	19.04.2018	23.04.2018
6	duck farm	Rakovski	Rakovski	Plovdiv		4800		83	4800	24.04.2018	28.04.2018
7	duck farm	Momino selo	Rakovski	Plovdiv		350		15	350	24.04.2018	28.04.2018
8	duck farm	Brezovo	Brezovo	Plovdiv		2200		41	2200	24.04.2018	27.04.2018
9	duck farm	Graf Ignatievo	Maritsa	Plovdiv		2100			2100	24.04.2018	27.04.2018
10	duck farm	Stefanovo	Dobrich	Dobrich		21071		5365	21071	25.05.2018	27.05.2018



Measures undertaken

All relevant emergency and eradication measures pursuant to Council Directive 2005/94/EC on Community measures for the control of Avian influenza put in force :

- Culling and safe disposal of all animals kept in the affected holding;
- Cleaning and disinfection in the affected holding and around it;
- Establishing 3 km protection zone and 10 km surveillance around the outbreak;
- Ban of movements of birds and products thereof within and outside the protection and surveillance zones;
- Ban of live poultry markets and exhibitions of birds;
- clinical investigations of the poultry in the settlements located in the protected and surveillance zones, the results of which are documented;
- Control of biosecurity measures applied at poultry establishments within the affected areas. The owners of the sites that have not implemented biosecurity measures subject to penalties;



Measures undertaken

Other measures.....

- **Enhanced biosecurity in duck farms** (amended legislation, measures as in Galliformes, in forced since Jan 2018);
- **Serological surveillance in all poultry farms** (in forced since end of May 2018):
Sampling every 21 days, for first 3 months followed by one sampling at 50-60 days



- Objectives:
 - surveillance and screening of the situation with AI;
 - enhanced control and engagement by the operators
- Outcomes – **6 duck farms** sero positive for HPAI H5N8 , further confirmed negative for HPAI H5N8 by PCR method.



Possible source of infection

- Biosecurity breaches in the farm , in particular to the transport means
- Keeping outdoor poultry and possible contact with Wild birds
- High density of the duck farms in a region
- Production linked farms located in long distance leading to movement of poultry

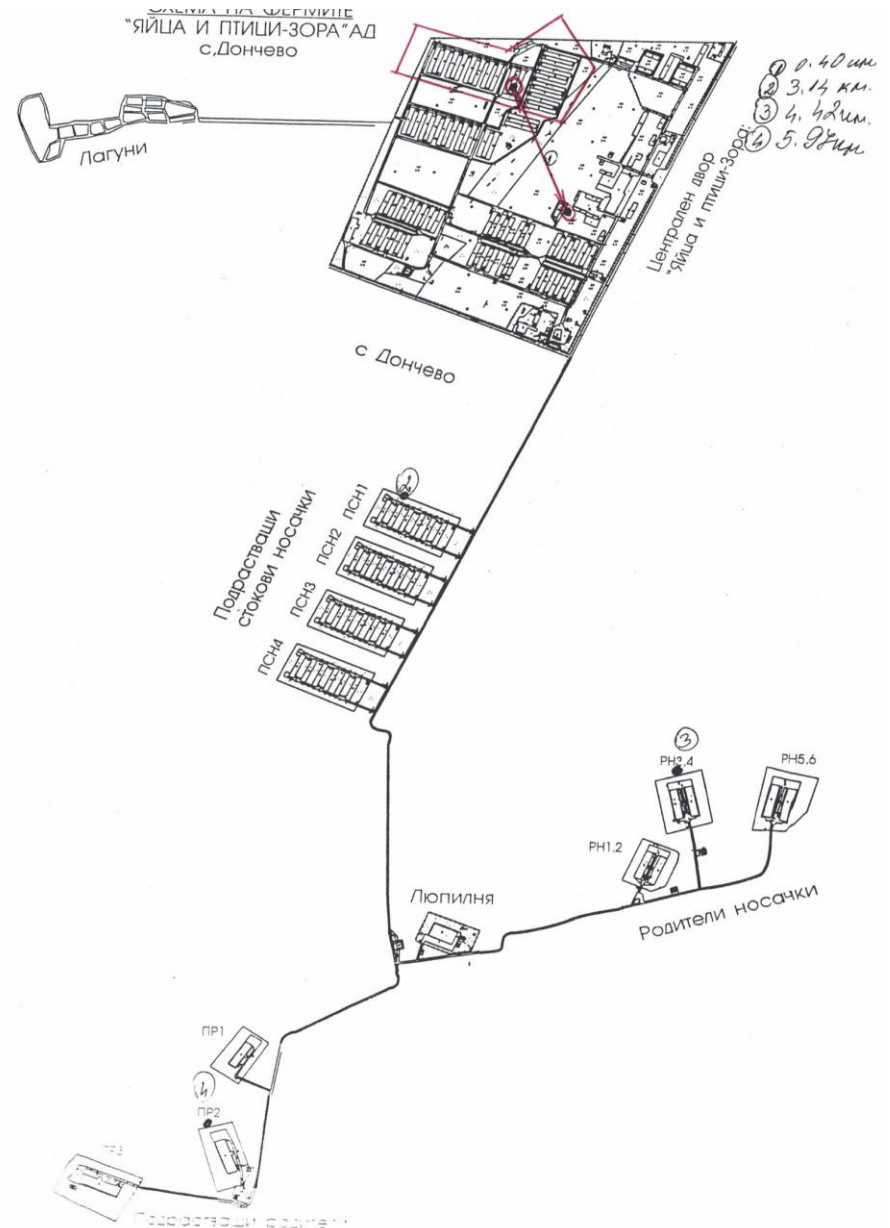


HPAI H5N8 outbreak confirmed on
13/06/2018

<https://zora-donchevobg.com/bg/%d0%bf%d1%80%d0%be%d0%b8%d0%b7%d0%b2%d0%be%d0%b4%d1%81%d1%82%d0%b2%d0%be/%d1%81%d1%82%d0%ba%d0%be%d0%b2%d0%b8-%d0%bd%d0%be%d1%81%d0%b0%d1%87%d0%ba%d0%b8/>

Possible source of infection

- Biosecurity breaches in the farm
- Henhouses inside forest and possible contact with Wild birds





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Thank you for the attention!

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A photograph showing a large group of white ducklings and a brown duck sitting on straw. The ducklings are in the center, and the brown duck is on the right. The background is dark and out of focus.

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