

Avian influenza

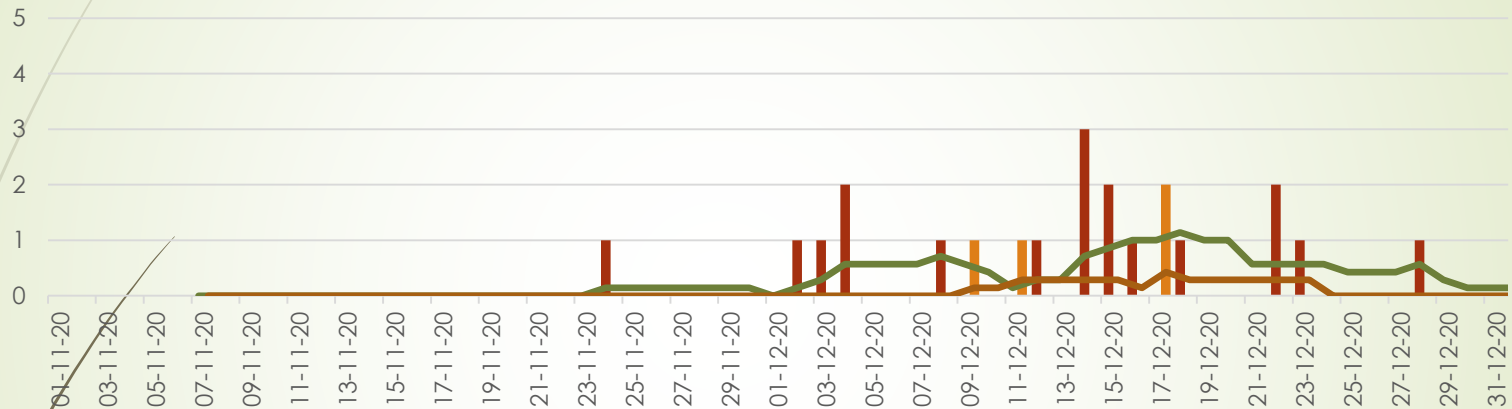
Epidemiological situation in Poland



General Veterinary Inspectorate
15.12.2021

Epidemiological situation – November – December 2021

Outbreaks by day (Nov – Dec 2021)



- 10 August – 1 November – no HPAI in poultry and wild birds
- Outbreak No 2021/340 was confirmed on 2 November, the samples were collected on 1 November
- **16.11 – 14.12. 2021 (since last SCPAFF)**
 - 24 outbreaks in poultry,
 - 4 outbreaks in wild birds

Outbreak data (Nov-Dec 2021)

Voivoidship	Outbreaks	Birds
lubuskie	2	29 281
łódzkie	8	93 433
mazowieckie	8	690 032
śląskie	2	24 300
wielkopolskie	20	335 935
TOTAL	40	1 172 981

In all outbreaks subtype **H5N1** was confirmed

Wielkopolskie region

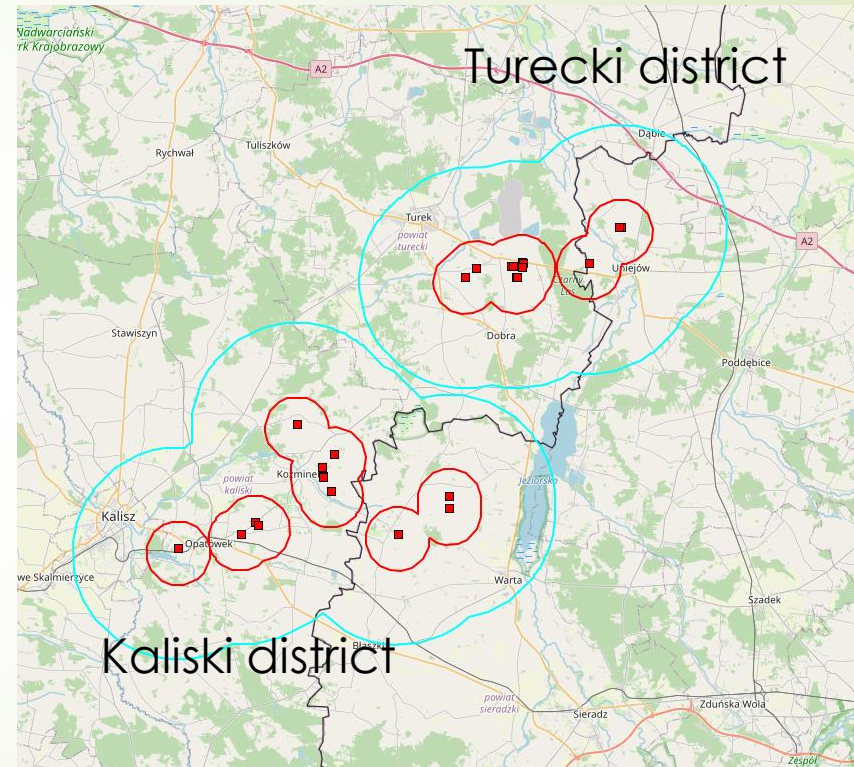
First outbreak in kaliski district confirmed on 13.11. (NRL)

In total 10 outbreaks were confirmed, 9 outbreaks in turecki district.

In Wielkopolskie region during 23 days (13.11-5.12) 20 outbreaks confirmed.

9 outbreaks (45%) were confirmed on the basis of tests carried out before the movement or during preventive culling.

4 outbreaks were described as secondary, 2 of which were from the same source of origin





Wielkopolskie region

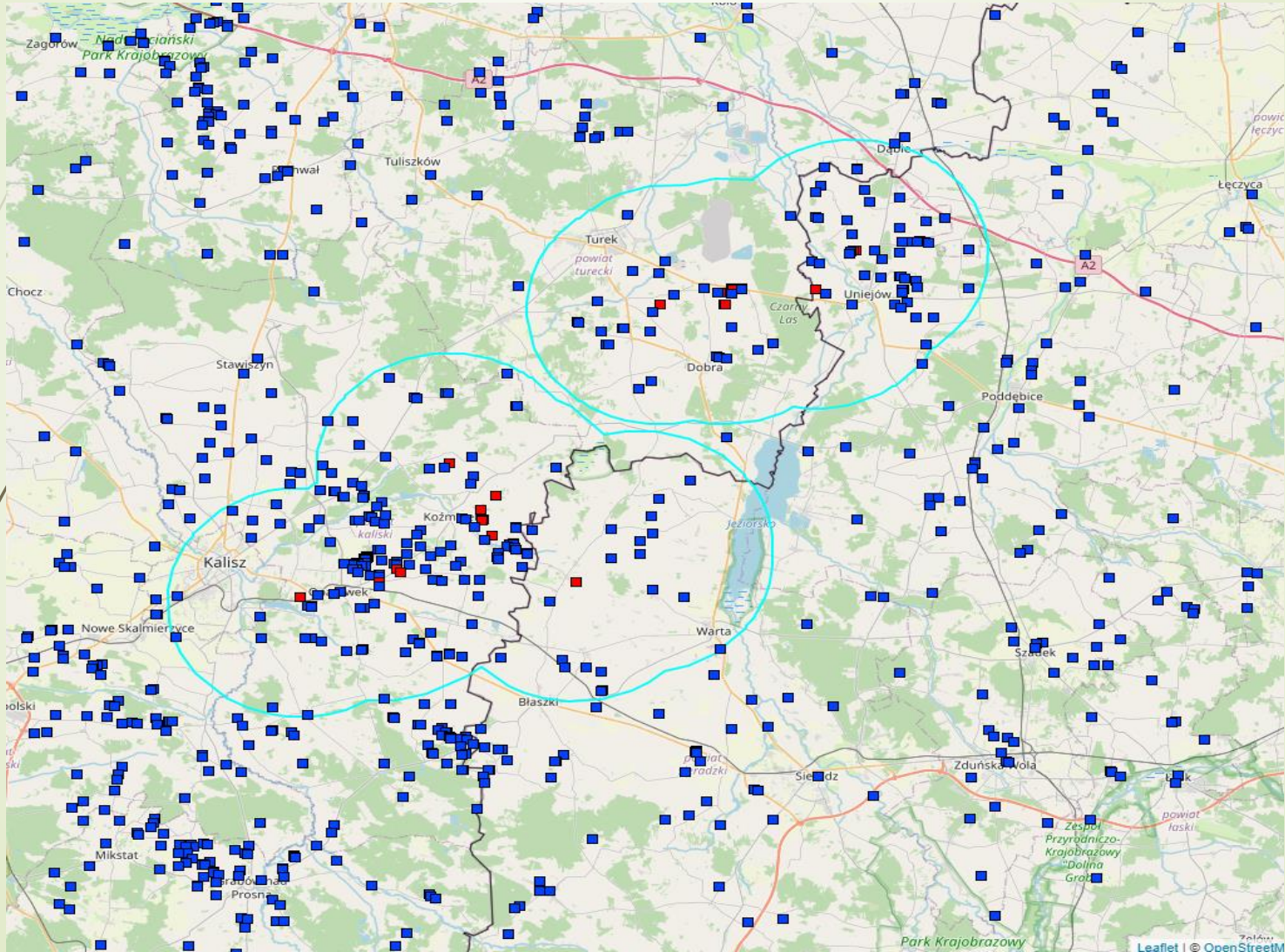
By the Regulation of the Wielkopolski Governor of December 2, 2021, in the kaliski and turecki districts the prohibition of introducing poultry or other birds into and out of the farms without the consent of DVO,"all in - all out" principle.

In addition, a high-risk area was designated, where appropriate restrictions apply, in particular:

- prohibition of keeping poultry in the open air,
- a ban on poultry gathering at fairs, shows, exhibitions, etc. and
- keeping ducks and geese together with other poultry species, and
- an order to obtain the consent of the DVO for the introduction of poultry to the farm.

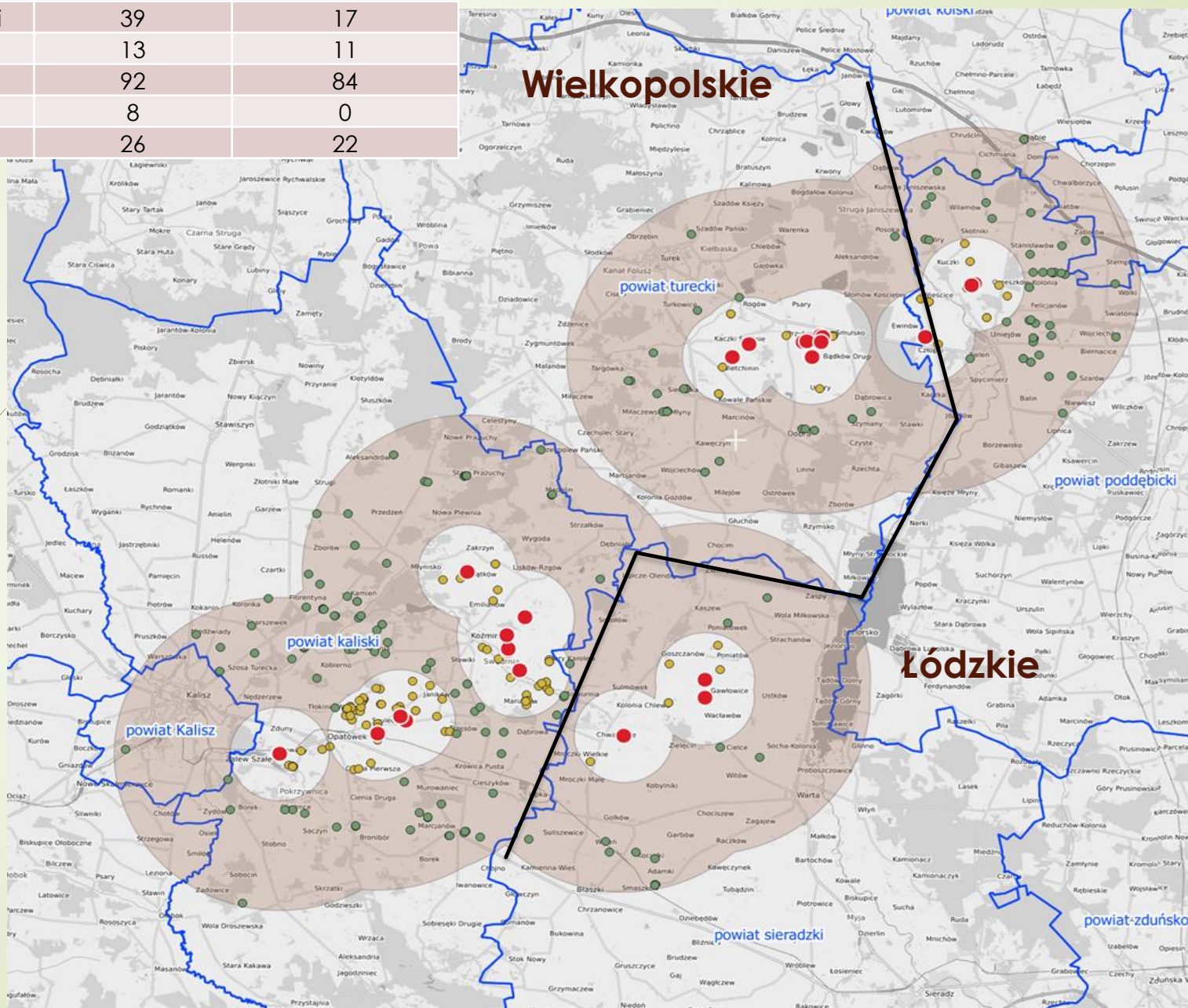
Wielkopolskie region

Density of poultry production in the area



No. of poultry holdings (commercial)

voivodeship	district	Protection zone	Surveillance zone
łódzkie	łęczycki	1	0
	poddębicki	39	17
	sieradzki	13	11
wielkopolskie	kaliski	92	84
	kolski	8	0
	turecki	26	22



Łódzkie region

First outbreak was confirmed 8.11 (NRL) in sieradzki district

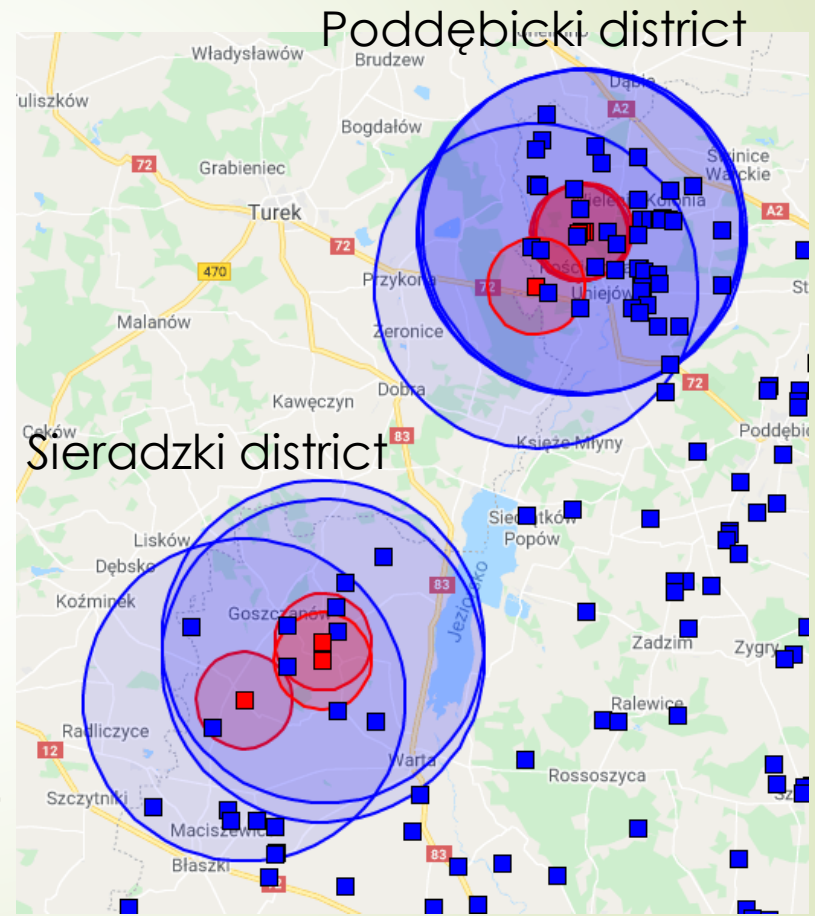
The latest outbreak in zgierski district confirmed on 12.12.

In total in sieradzki and poddębicki districts 7 outbreaks were confirmed.

Last week in łódzkie region 4 new outbreaks were confirmed in one area (poddębicki district, Uniejów municipality).

All outbreaks were primary ones.

In 6 outbreaks samples for testing were taken within passive surveillance, one outbreak was found due to testing before the movement of poultry.





Łódzkie region

By the Regulation of the Łódzki Governor of November 19, 2021 restrictions were introduced in the protection and surveillance zones, including:

- an order to keep birds in isolation, in henhouses or other closed construction facilities or in another enclosed place on the farm (in the surveillance zone, an order to keep birds separately from other animals),
- the prohibition of organizing fairs, exhibitions, shows and
- keeping ducks and geese together with other poultry species.

By the Regulation of DVO of November 18, 2021, restrictions were introduced in the poddębicki district, including:

- an order to keep poultry locked up,
- a ban on keeping geese and ducks together with other poultry and
- prohibition of organizing fairs, exhibitions, shows.



Preventive culling –
wielkopolskie voivodeship:

8 poultry holdings – 360 246 birds

No contact holdings established
in wielkopolskie region neither in łódzkie region

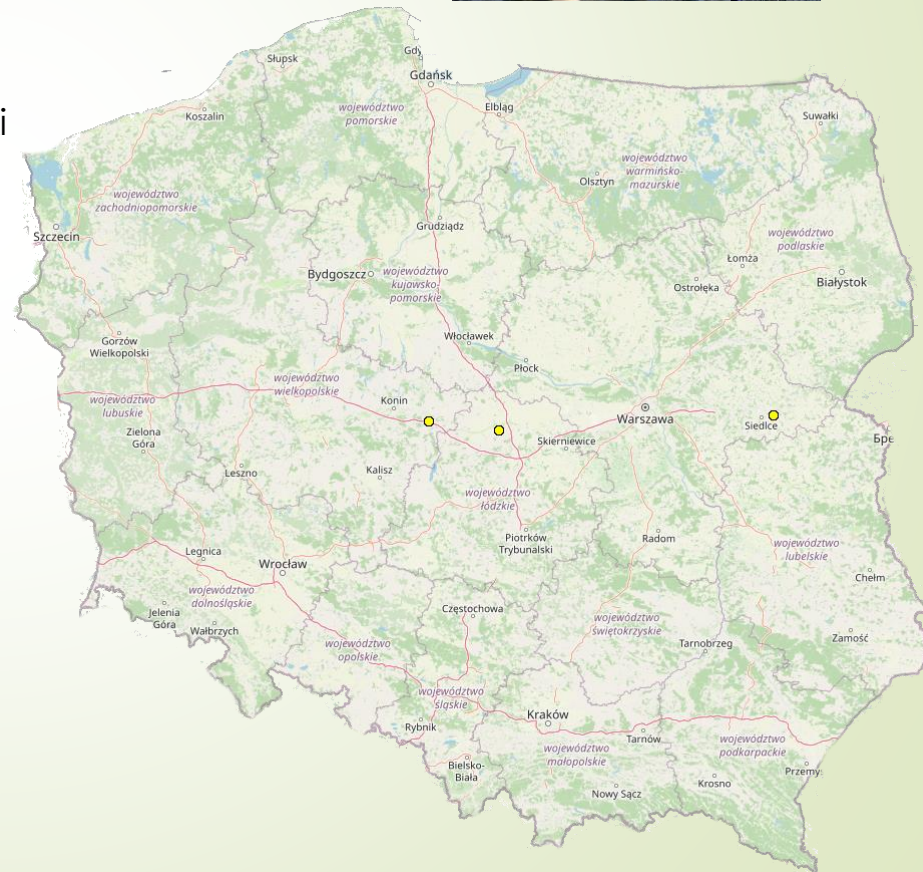
Wild birds (Oct – Dec 2021)

Passive surveillance (since 1 Oct.)

- 40 wild birds tested (9 birds since 1 Dec)
- 6 birds positive:
 - 3 dead swans found in kolski district, Wielkopolskie voivodeship confirmed on 09.11.2021
 - 1 greylag goose & 1 mallard duck in siedlecki district, Mazowieckie voivodeship confirmed on 22.11.2021
 - 1 common crane in łęczycki district, łódzkie voivodeship confirmed on 12.12.2021
 - All cases subtype: **H5N1**

Active surveillance: (since 1 Oct.)

- 76 birds tested (8 birds since 1 Dec)
- No positive birds found





Analysis and conclusions (NRL)

- Outbreaks 340, 341, 343, 345, 346, 348, 349: novel introduction from outside Europe
- Outbreak 89 in wild birds: reassortant carrying 6 genes from European H5N1 (season 2020/21) and 2 genes from European LPAIV of wild-bird origin

Thank you

