

# Avian influenza

## *Epidemiological situation in Poland*



General Veterinary Inspectorate

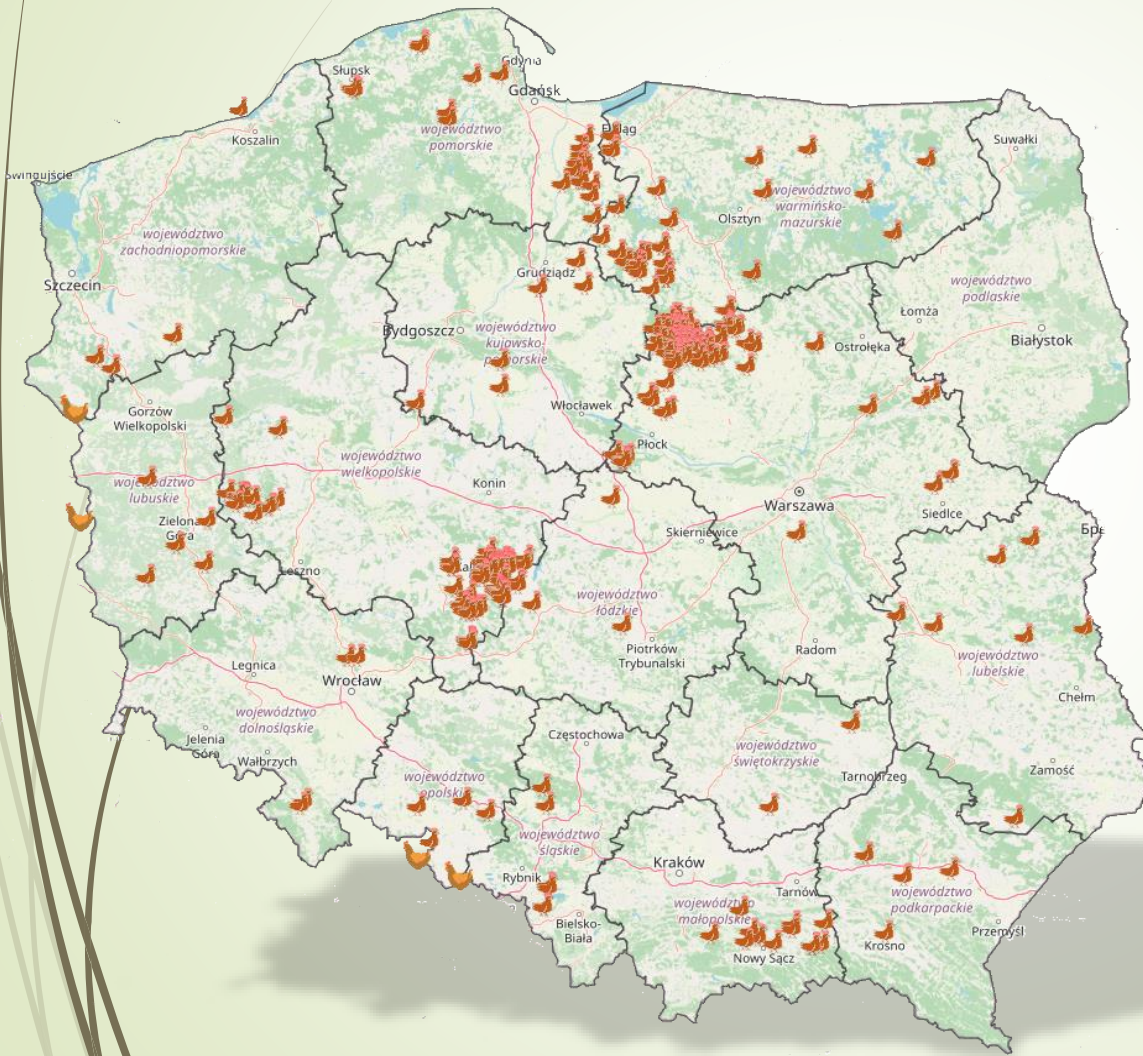
16.11.2021

# Epidemiological situation in poultry in January- August 2021

In all outbreaks subtype **H5N8** was confirmed

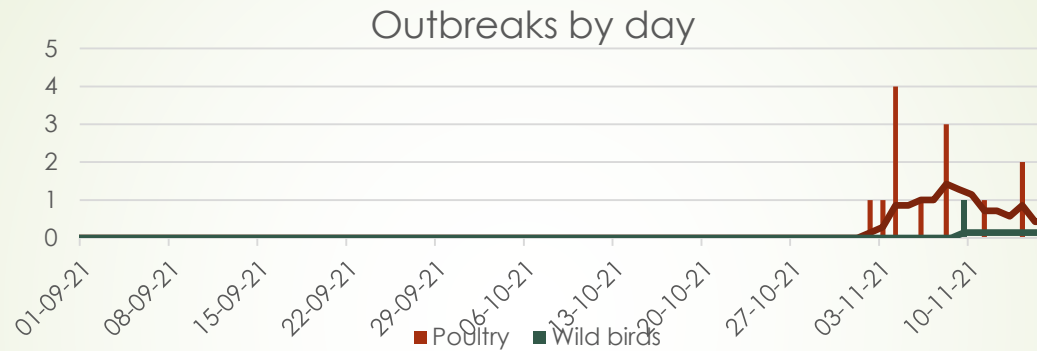
Voivodeship	Outbreaks number	Birds number
Dolnośląskie	2	57 154
Kujawsko-pomorskie	7	168 882
Lubelskie	6	31 152
Lubuskie	6	114 320
Łódzkie	10	95 558
Małopolskie	13	53 739
Mazowieckie	129	7 943 928
Opolskie	4	23 327
Podkarpackie	4	65 203
Podlaskie	0	0
Pomorskie	21	157 002
Śląskie	6	218 149
Świętokrzyskie	2	97
Warmińsko-mazurskie	36	583 245
Wielkopolskie	91	2 264 228
Zachodniopomorskie	2	19 463
<b>Summary</b>	<b>339</b>	<b>11 795 447</b>

# Location of HPAI outbreaks in poultry in January- August 2021



- Last outbreak confirmed on 09.08.2021
- Declaration of freedom from HPAI of 25.09.2021

# Epidemiological situation - September- November 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
- **2.11 – 15.11.2021:**
  - 15 outbreaks in poultry,
  - 1 outbreak in wild birds

# Epidemiological situation in poultry in November 2021

Voivodeship	Outbreaks number	Birds number
mazowieckie	7	690 032
łódzkie	3	38 974
lubuskie	2	29 224
śląskie	1	192
wielkopolskie	2	21 624
<b>Summary</b>	<b>15</b>	<b>780 046</b>



In all outbreaks subtype **H5N1** was confirmed

# Outbreak data

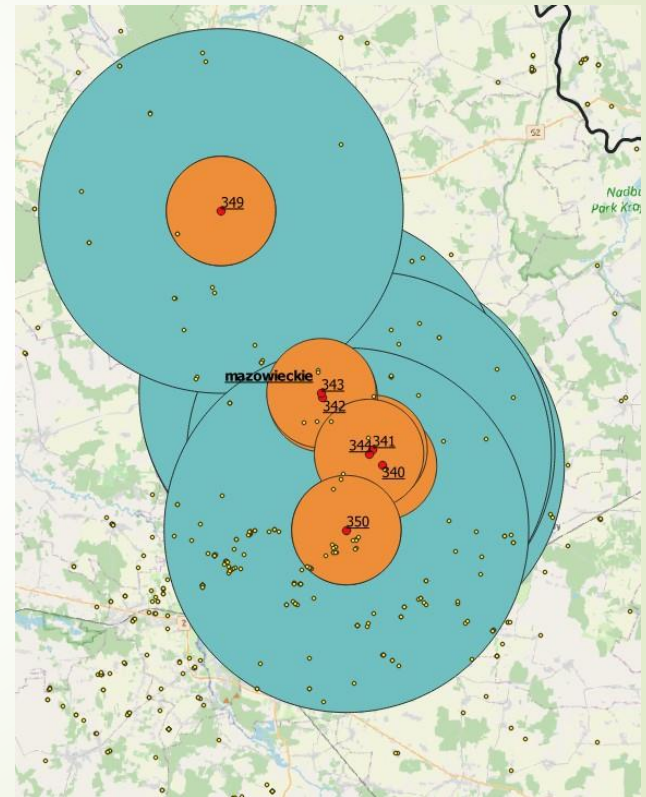
No. Of outbreak	Region	District	Type of farm	Number of animals	Species/ category	Suspicion/ Start date	Date Confirmation NRL	Date of completion- depopulation	Date of preliminary cleaning and disinfection
2021/340	Mazowieckie	siedlecki	commercial	80 812	slaughter turkeys	2021-11-01	2021-11-02	2021-11-03	2021-11-04
2021/341	Mazowieckie	siedlecki	commercial	61 469	slaughter turkeys	2021-11-02	2021-11-03	2021-11-04	2021-11-04
2021/342	Mazowieckie	siedlecki	commercial	104 162	slaughter turkeys	2021-11-03	2021-11-04	2021-11-06	2021-11-08
2021/343	Mazowieckie	siedlecki	commercial	105 392	slaughter turkeys	2021-11-03	2021-11-04	2021-11-07	2021-11-10
2021/344	Mazowieckie	siedlecki	commercial	287 045	chicken broilers	2021-11-03	2021-11-04	2021-11-04	2021-11-05
2021/345	Lubuskie	międzyrzecki	commercial	7 000	slaughter turekys and geese	2021-11-03	2021-11-04	2021-11-05	2021-11-05
2021/346	Śląskie	tarnogórski	backyard	192	chickens, ducks, guineafowl, quails	2021-11-05	2021-11-06	2021-11-07	2021-11-07
2021/347	Lubuskie	międzyrzecki	commercial	22 224	slaughter turekys	2021-11-06	2021-11-08	2021-11-09	2021-11-09
2021/348	Łódzkie	sieradzki	commercial	31 110	slaughter ducks	2021-11-07	2021-11-08	2021-11-09	2021-11-09
2021/349	Mazowieckie	sokołowski	commercial	26 091	slaughter turkeys	2021-11-08	2021-11-08	2021-11-10	2021-11-10
2021/350	Mazowieckie	siedlecki	commercial	25 061	chicken broilers	2021-11-11	2021-11-11	2021-11-12	2021-11-12
2021/351	Łódzkie	sieradzki	commercial	2 500	duck breeders	2021-11-12	2021-11-14		
2021/352	Łódzkie	sieradzki	commercial	5 240	duck breeders	2021-11-12	2021-11-14		
2021/353	Wielkopolskie	kaliski	commercial	11 766	slaughter ducks	2021-11-12	2021-11-13		
2021/354	Wielkopolskie	kaliski	commercial	9 858	slaughter ducks	2021-11-12	2021-11-13		

# Holdings in the zones

Outbreak No.	No. of farms in restricted zone	Approx. No. of birds (total in zone)	No. of farms in surveillance zone	Aprox. No. of birds (total in zone)
<b>340</b>	7	2 546 310	129	2 646 100
<b>341</b>	9	580 000	121	2 534 600
<b>342</b>	11	227 000	85	2 961 700
<b>343</b>	11	227 000	85	2 703 700
<b>344</b>	9	558 000	133	2 321 100
<b>345</b>	4	33 600	28	328 690
<b>346</b>	0	-	19	262 020
<b>347</b>	3	16 400	36	392 290
<b>348</b>	2	14 416	56	1 004 802
<b>349</b>	3	30 500	22	1 299 000
<b>350</b>	23	145 500	149	2 756 300
<b>351</b>	7	4 947	23	322 277
<b>352</b>	9	8 947	21	318 277
<b>353-354</b>	No data			

# Siedlecki cluster

- In total: 7 outbreaks:  
3 primary outbreaks and 4 secondary outbreaks (location - in close proximity and family connections)
- First outbreak was confirmed on 02.11.2021
- 377 926 slaughter turkeys and 312 106 chicken broilers in the affected holdings
- Protection, surveillance and further restricted zones have been established by local regulation





# Type of zones established



Outbreak	Voivodeship	Protection zone	Surveillance zone	Further restricted zone
2021/340	Mazowieckie	X	X	X
2021/341	Mazowieckie	X	X	X
2021/342	Mazowieckie	X	X	X
2021/343	Mazowieckie	X	X	X
2021/344	Mazowieckie	X	X	X
2021/345	Lubuskie	X	X	X
2021/346	Śląskie	X	X	
2021/347	Lubuskie	X	X	X
2021/348	Łódzkie	X	X	
2021/349	Mazowieckie	X	X	X
2021/350	Mazowieckie	X	X	X
2021/351	Łódzkie	X	X	
2021/352	Łódzkie	X	X	
2021/353	Wielkopolskie	X	X	
2021/354	Wielkopolskie	X	X	

# Measures implemented in the further restricted zones in Mazowieckie and Lubuskie

## 1. It is ordered:

- 1) keeping birds separate from other animals;
  - 2) providing additional supervision to identify further spread of highly pathogenic avian influenza (HPAI) to establishments, by promptly informing the district veterinary officer about increased morbidity or mortality or a significant reduction in the productivity of animals kept in establishments
  - 3) the use of appropriate disinfectants at the entrances and exits of the establishment;
  - 4) the application of appropriate biosecurity measures for all persons who come into contact with birds or for all persons entering or leaving the establishment, as well as for means of transport, in order to prevent the risk of spreading highly pathogenic avian influenza (HPAI) by:
    - (a) using for the movement of birds and products from these birds within and from the surveillance zone and through such area of means of transport designed and maintained in such a way as to prevent any leakage or escape of animals, products or any elements posing a risk to animal health,
    - (b) immediate cleaning and disinfection of means of transport and equipment used to transport birds, their meat, feed, litter or natural fertilizers, other means of transport entering or leaving the establishment and other objects or substances that may have been contaminated with highly pathogenic avian influenza virus ,
    - (c) the application of biosecurity measures by persons entering or leaving the establishment to prevent the spread of highly pathogenic avian influenza;
  - 5) keeping records of:
    - a) all visitors to the establishment and its updating, and making it available to the locally competent poviats veterinarian at his request,
    - b) cleaning and disinfection of means of transport, referred to in point 4 (a).
  - 7) keeping the birds locked up.
2. As a derogation from paragraph 1 point 5 lit. a), records of people visiting the establishment are not required in a case of establishments in which the animals referred to in Article 13(2) of Delegated Regulation (EU) 2020/687, if these persons do not have access to areas where animals are kept.

## 3. It is forbidden to:

- 2) restock game birds;
- 3) organize exhibitions, fairs, shows and other gatherings of birds, including their acquisition and dissemination.



# Preventive culling

- **Mazowieckie voivodeship** – 1 holding, 1 69 399 poultry culled
- also 1 contact holding, in which 287 045 poultry was culled,



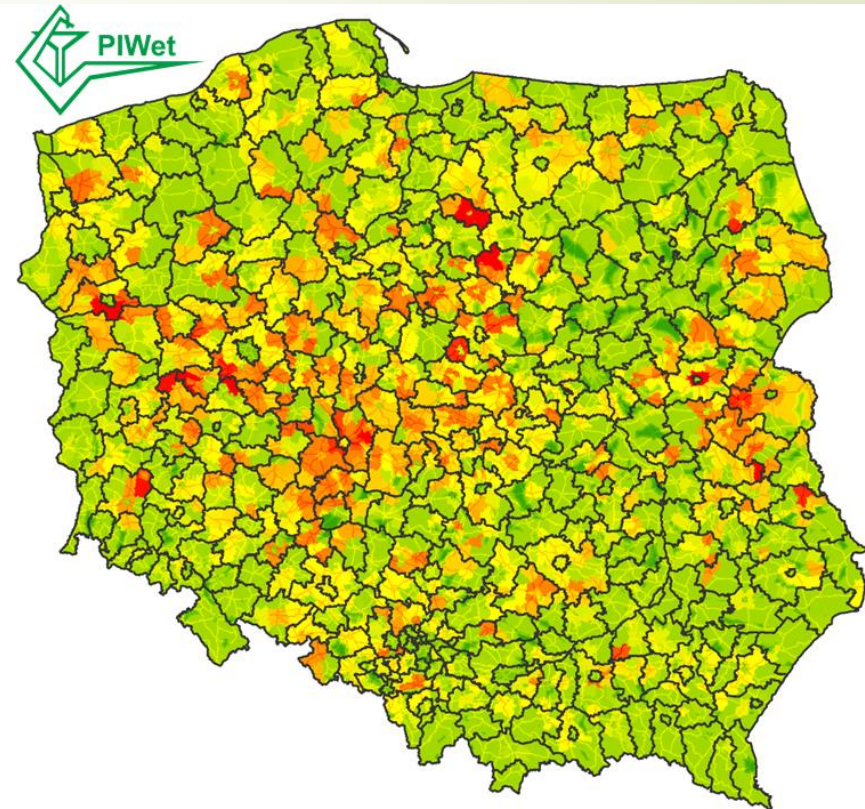
# Preventive culling

➤ **Lubuskie voivodeship:**

- 63 holdings, 23 820 poultry culled (in 3 km zone).
- 62 non – commercial farms with 5871 poultry
- 1 commercial farms with 17 949 poultry

# Other measures ordered by CVO

- **Confinement of birds in high risk areas**
- **Ban in keepieng ducks and geese with other types of poultry in high risk areas**
- **Intensifying of biosecurity controls in poultry holdings**
- **Ban on bird fairs, shows and competitions in high risk areas**
- **Intensifying infromation campaigns about HPAI among farmers**



# Wild birds- since 1 September

## Passive surveillance

- 11 wild birds tested
- 3 birds positive:
  - dead swans found in kolski district, Wielkopolskie voivodeship
  - HPAI confirmed on 09.11.2021
  - Subtype: H5N1

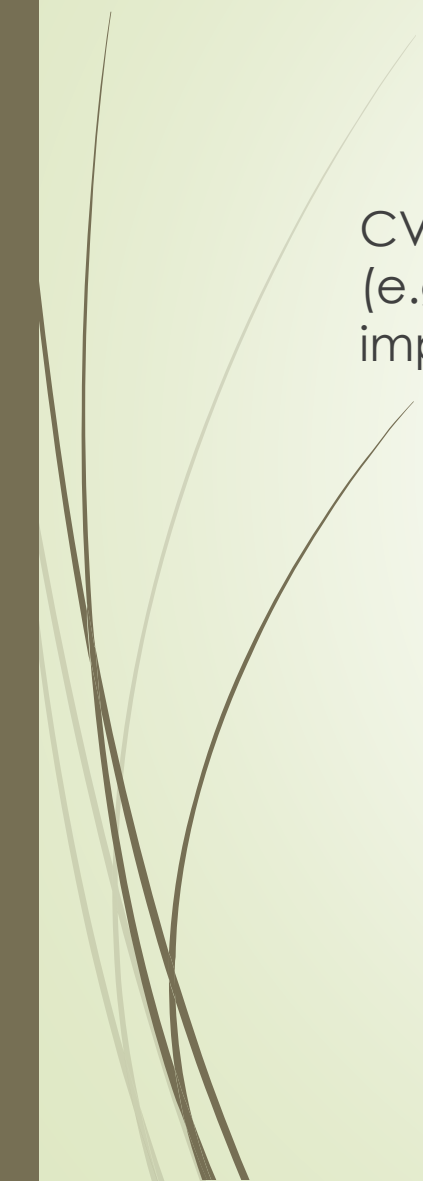
## Active surveillance:

- 91 birds tested
- No positive birds found





# Other measures



CVO ordered RVOs to contact other local authorities (e.g. National Forests) and ornithology organizations to improve reporting of dead and moribound wild birds

Thank you

