

# Avian influenza

## *Epidemiological situation in Poland*



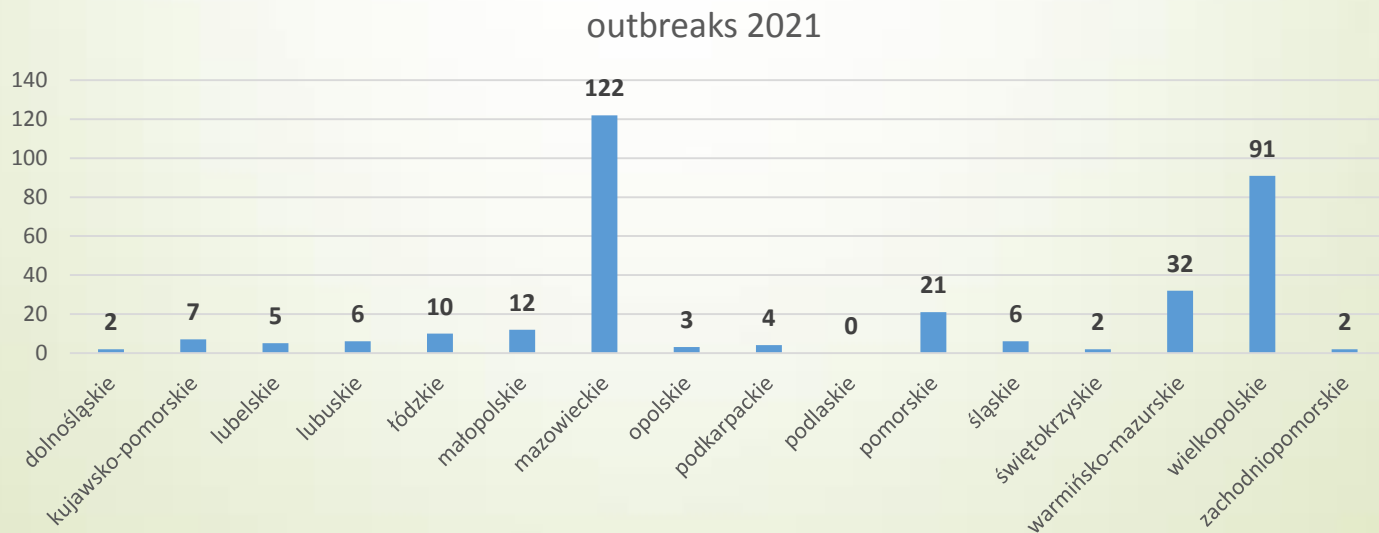
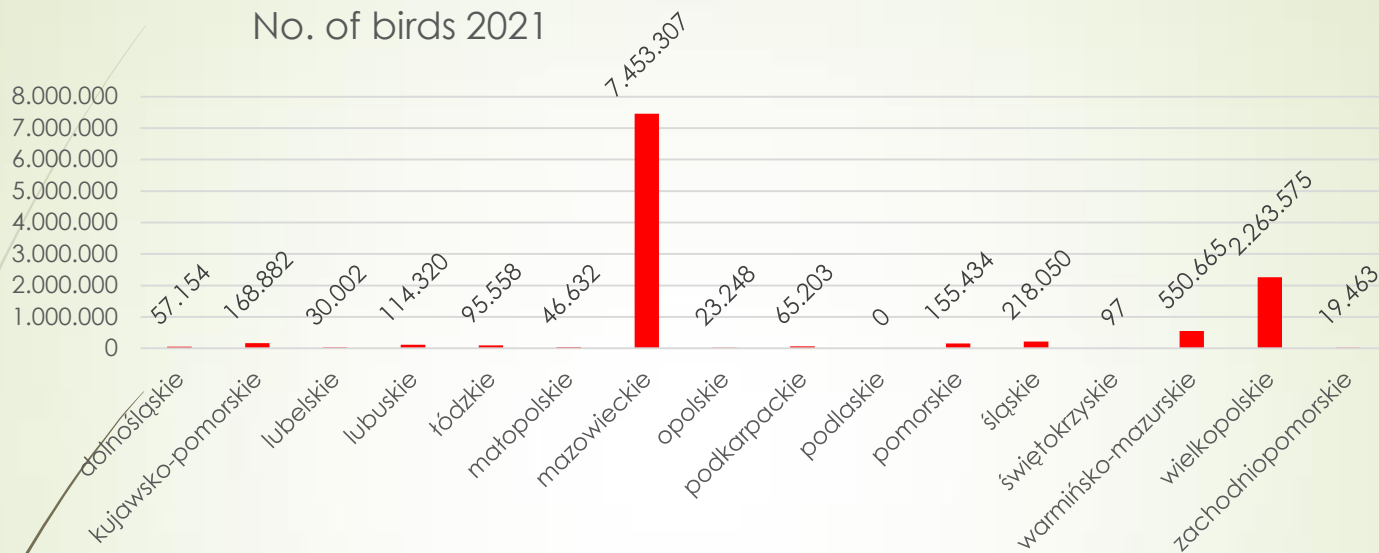
General Veterinary Inspectorate

19.05.2021

# Epidemiological situation in poultry in 2021 (17 of May)

Województwo	Ognisk	Ptaków w ognisku
dolnośląskie	2	57 154
kujawsko-pomorskie	7	168 882
lubelskie	5	30 002
lubuskie	6	114 320
łódzkie	10	95 558
małopolskie	12	46 632
<b>mazowieckie</b>	<b>122</b>	<b>7 453 307</b>
opolskie	3	23 248
podkarpackie	4	65 203
<b>podlaskie</b>	<b>0</b>	<b>0</b>
pomorskie	21	155 434
śląskie	6	218 050
świętokrzyskie	2	97
warmińsko-mazurskie	32	550 665
<b>wielkopolskie</b>	<b>91</b>	<b>2 263 575</b>
zachodniopomorskie	2	19 463
	<b>325</b>	<b>11 261 590</b>

# Epidemiological situation in poultry in 2021



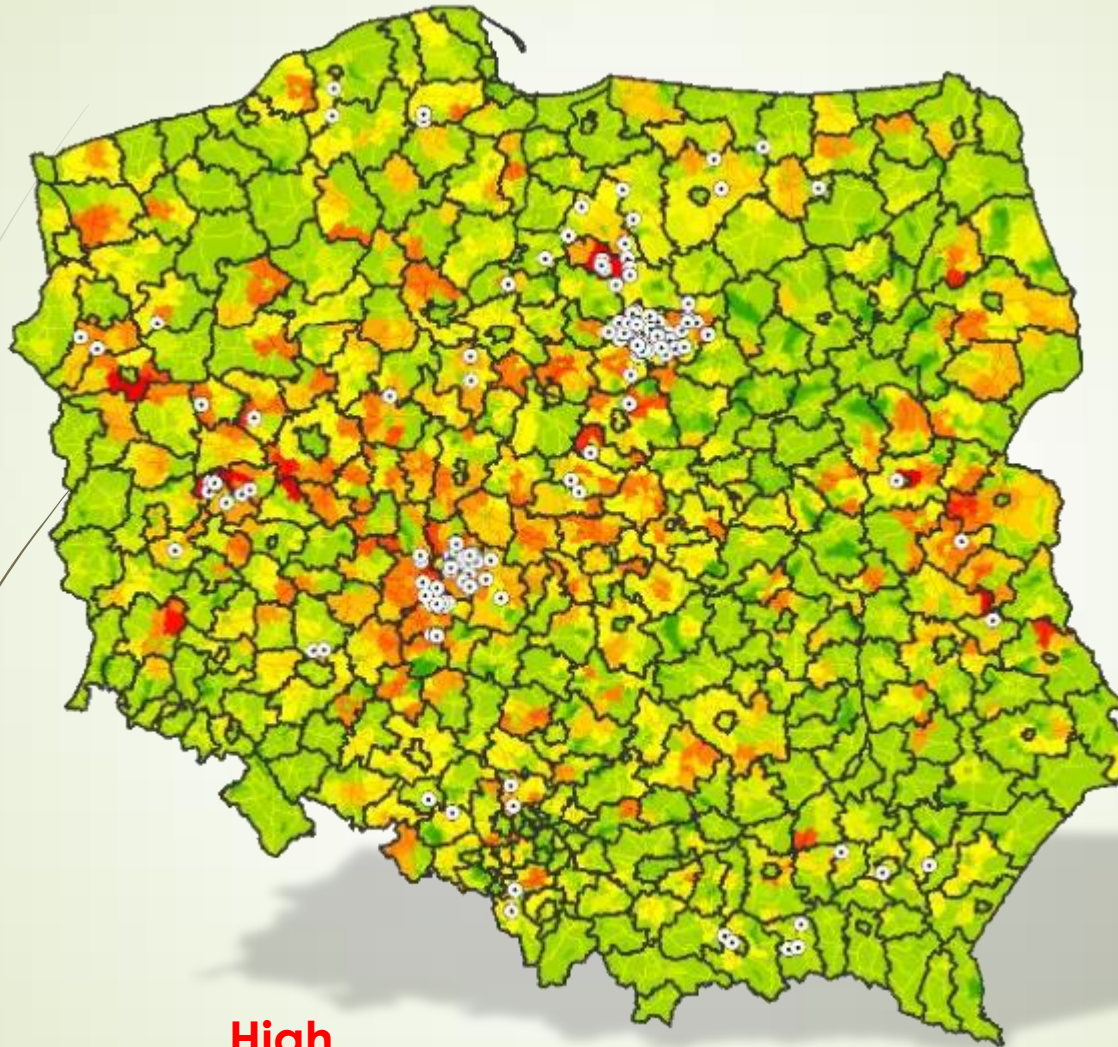
# Location of HPAI outbreaks in poultry in 2021



HPAI outbreaks structure		
2021	commercial	backyard
type of holdings	<b>268</b>	<b>57</b>

# High risk areas with outbreaks

update: 14 May 2021

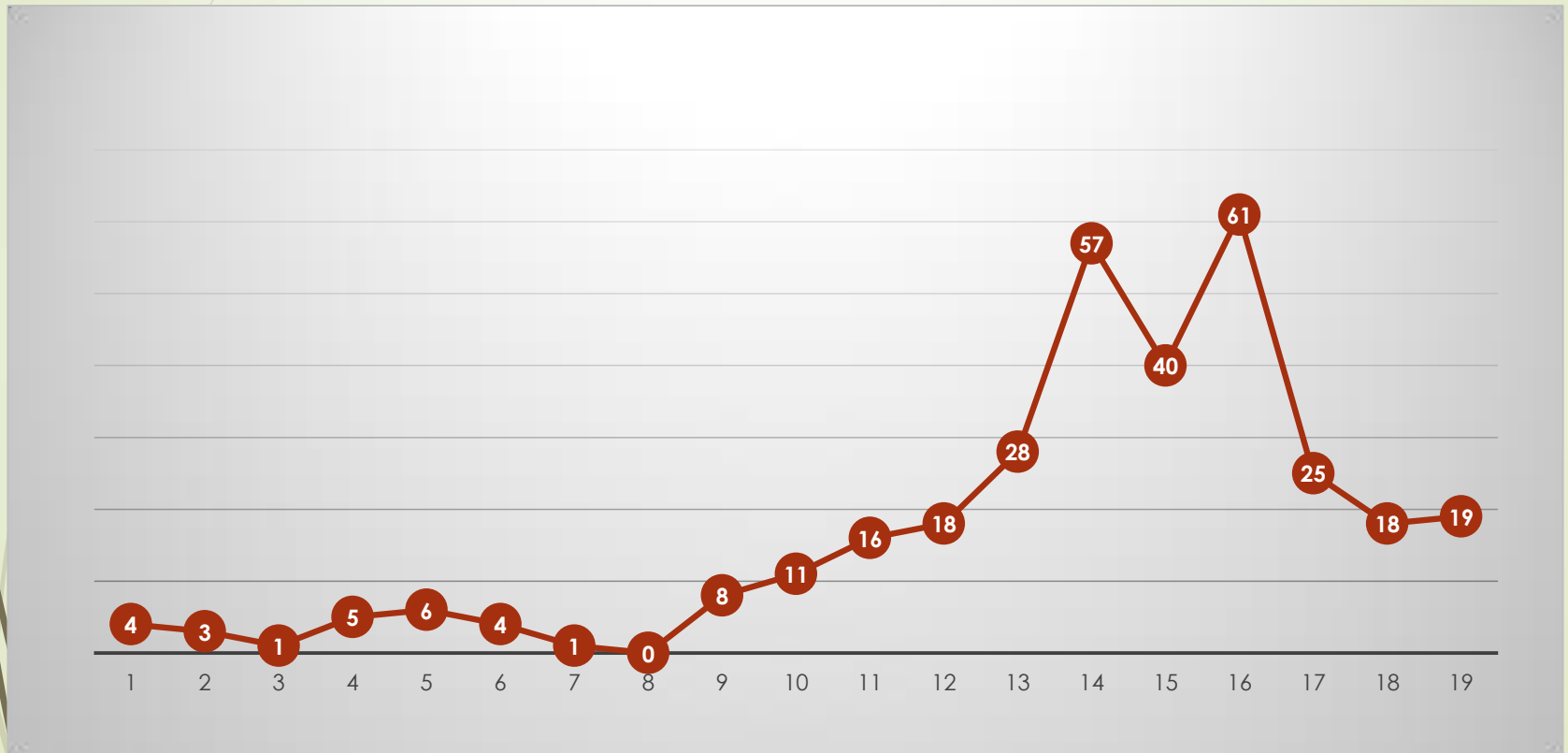


High  
Low

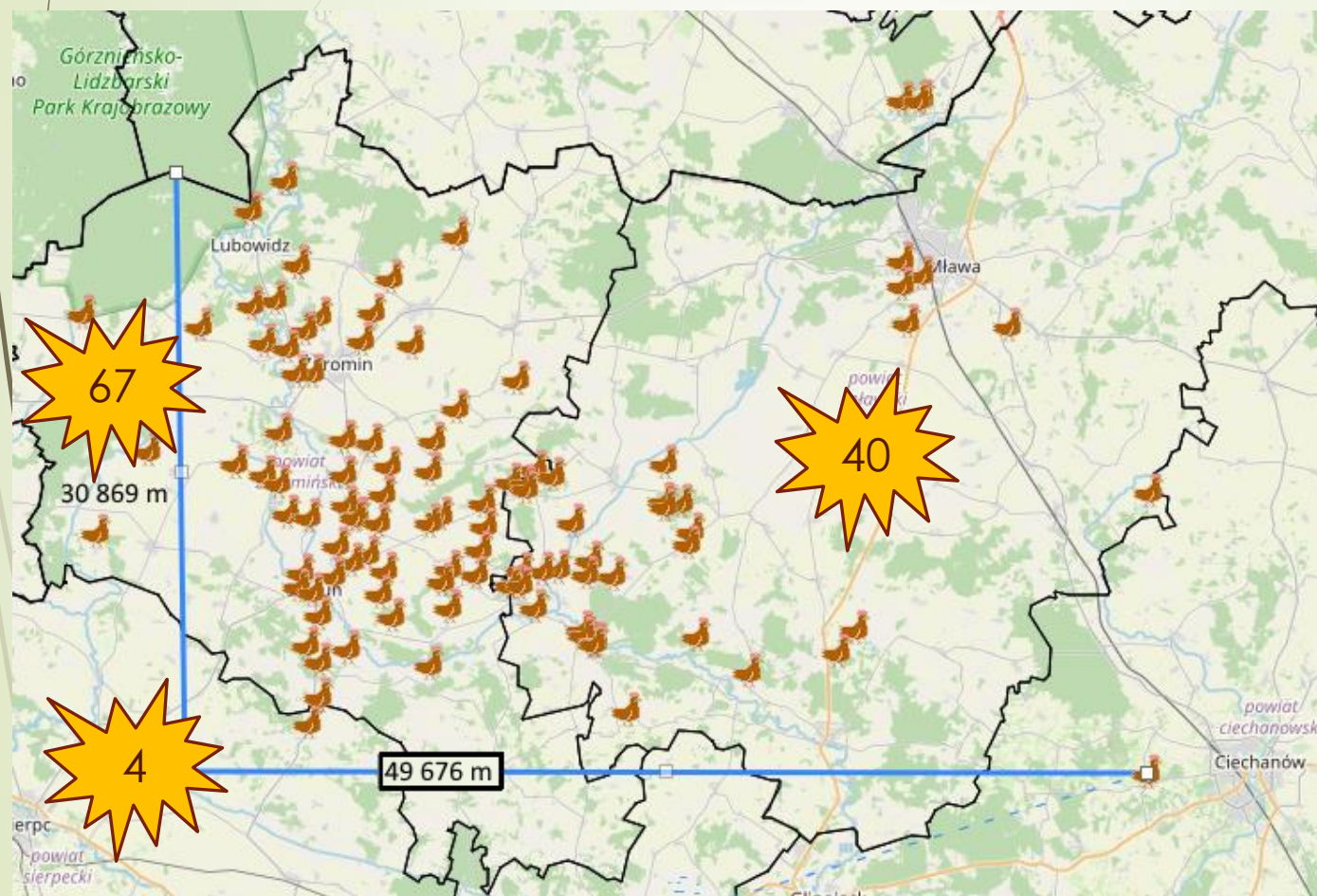
**Most outbreaks confirmed in high-risk areas**

# No. of outbreaks – weekly 2021

update: 18 May 2021



# 107 Outbreaks żuromiński (62,6%) /mławski (37,4%) cluster 2021 MAZOWIECKIE (100%) REGION



➤ First outbreak: 23 March 2021

➤ Till: 17 May 2021

➤ ~ 1530 km<sup>2</sup>

No. of outbreaks in district

# Sierpecki, żuromiński & mławski districts – Total production in May 2021

Poultry total May 2021

Species	mazowieckie					
	sierpecki		żuromiński		mławski	
	commercial	birds	commercial	birds	commercial	birds
Broilers	114	28 432 177	141	2 287 000	77	3 879 352
Laying hens	8	336 740	93	875 365	17	61 950
Slaughter turkeys	9	88 830	45	15 500	5	0
Slaughter geese	17	48 070	13	6 700	5	0
Chicken breeders	7	43 670	38	17 600	80	743 714
Slaughter ducks	3	38 000	6	550	2	0
Turkey breeders	0	0	0	0	0	0
Duck breeders	0	0	0	0	0	0
Goose breeders	0	0	0	0	0	0
Other	0	0	114	278 670	0	0
<b>Suma:</b>	<b>158</b>	<b>28 987 487</b>	<b>450</b>	<b>3 481 385</b>	<b>186</b>	<b>4 685 016</b>


outbreaks

4

67

40





HPAI outbreaks/total production  
- whole mazowieckie voivoidship  
May 2021

	<b>HPAI 2021</b>	<b>Total</b>	<b>%</b>
<b>birds</b>	7 453 307	37 153 888	<b>20,06</b>
<b>outbreaks/ farms</b>	122	794	<b>15,36</b>

## Control measures taken

- ▶ CVO ordered local veterinary authorities to issue regulations with additional biosecurity measures as acts of local law, depending on current situation on site. These measures cover the following:
  - a) forbidding pigeon flights, including: regular flights, flights of postal pigeons, flights of racing pigeons (sprint and training flights)
  - b) minimum biosecurity requirements for releasing geese outdoor, which were developed as guidelines, based on the version of 2017
- ▶ Moreover, due to the very dynamic spread of HPAI in Mazowieckie region, additional bans were put in place in Sierpecki, Żuromiński and Mławski districts (whole territories were included in the restricted zone). It was forbidden to:
  - a) organize fairs, exhibitions, shows or competitions where poultry or other birds are collected,
  - b) release poultry or other birds for the purpose of restocking.

## Control measures taken in żuromiński/mławski cluster

- ▶ In the a/m districts of the Mazowieckie region, apart from the surveillance and protection zones, an additional buffer zone with a range taking into account geographical, administrative, ecological and epizootic factors has been designated for districts particularly exposed to the presence of HPAI.
- ▶ The above-mentioned area was covered by the regulation of the Mazowiecki Voivode. The result of this action is the introduction of a number of protective measures envisaged for the above-mentioned areas in Commission Delegated Regulation (EU) 2020/687, strict application of which should stop the further spread of the virus.
- ▶ In the surveillance zone, with a width of about 1 km area surrounding the protection zone additional measures were introduced –slaughter of poultry kept in commercial establishments and a ban on keeping birds in non-commercial establishments.
- ▶ Up to 14 May over 1.6 million poultry from 41 farms in the protection zone were sent for slaughter, while in surveillance zone, almost 1.2 million poultry from 21 farms have been slaughtered so far.

## Control measures taken

Preventive culling was carried out by Veterinary Inspection in:

Lubuskie,

Mazowieckie,

Opolskie,

Podkarpackie,

Pomorskie,

Śląskie,

Świętokrzyskie and

Wielkopolskie.

Birds were culled in holdings recognized by district veterinary offices as high risk eg. due to poor biosecurity or in contact holdings. In Mazowieckie region there is very high production concentration which contributed to a very dynamic HPAI virus spread, therefore preventive culling was carried out in **1km** radius around the outbreaks.


## Control measures taken in żuromiński/mławski cluster

Chief Veterinary Officer ordered other local units of the Veterinary Inspection additional forces and human resources to the Żuromin and Mława districts in order to provide staff support in HPAI outbreaks and as administrative assistance in the ongoing implementation of supervision over the management of for the slaughter of poultry from restricted areas.

Other services and human resources are also involved, coordinated by the Mazowiecki Voivode as part of the regional crisis management team.

## Control measures taken in żuromiński/mławski cluster

- ▶ CVO in cooperation with the NRL in Puławy, undertook efforts to create additional HPAI testing laboratories in three Regional Veterinary Laboratories/Veterinary Hygiene Institutes.
- ▶ A draft amendment to the regulation of the MARD on the principles of biosecurity in farms keeping poultry has also been prepared. The project was sent for further processing and is currently subject to arrangements with the Ministry of Agriculture and Rural Development.
- ▶ In the longer term, a comprehensive review of the current national legal measures to eradicate infectious animal diseases is planned.



# Surveillance in wild birds 2021

- ▶ Passive surveillance - dead or moribund birds:  
643 birds tested
- ▶ Active surveillance – alive, apparently healthy birds  
(hunted or captured by ornithologists):  
634 birds (no HPAIV detections)

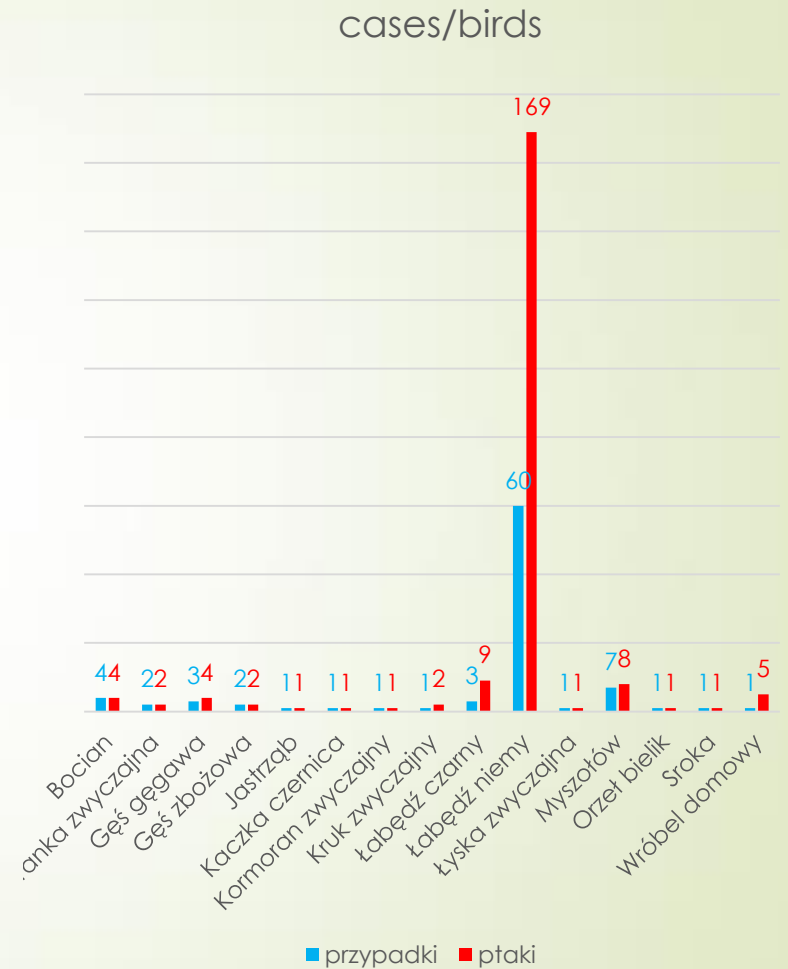
# Location of HPAI occurrence in wild birds in 2021





# HPAI confirmed in wild birds

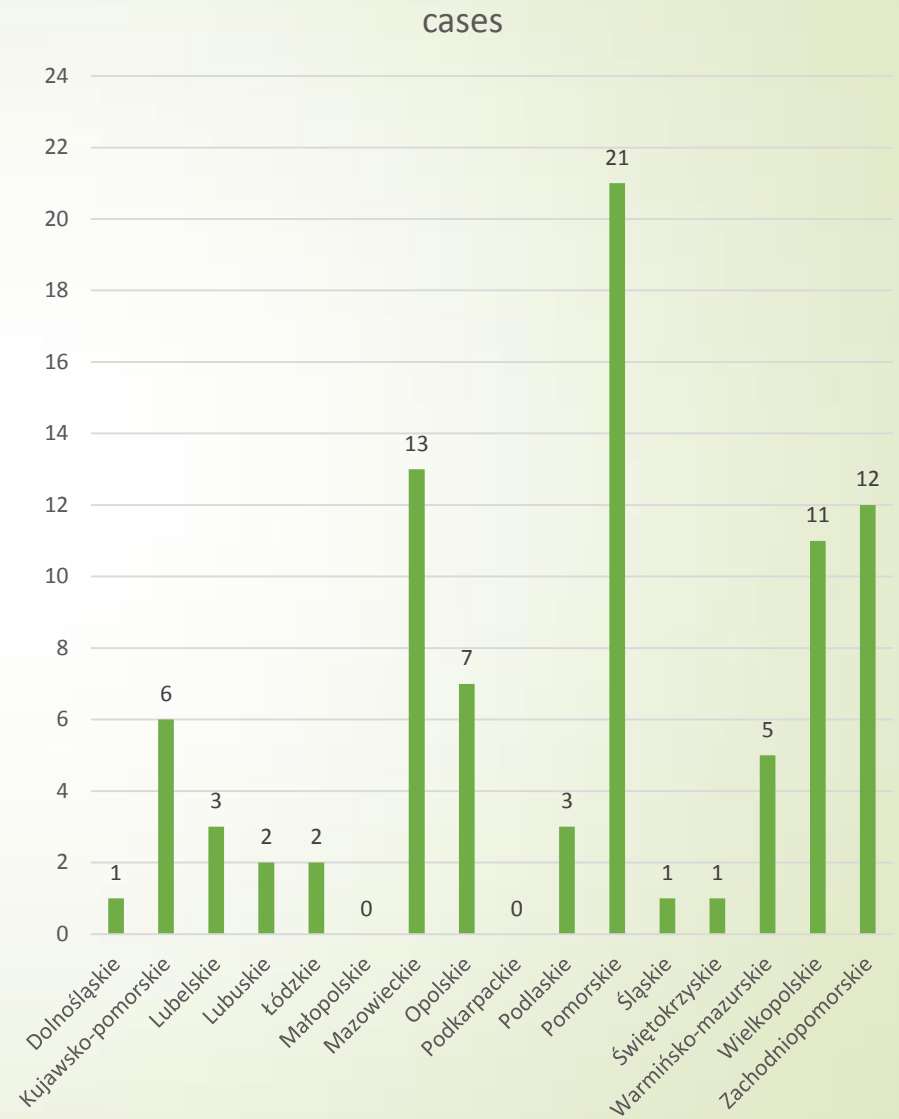
Species	cases	birds
Bocian - <i>Ciconia ciconia</i> - STORK	4	4
Cyranka zwyczajna - <i>Spatula querquedula</i> - GARGANEY	2	2
Gęś gęgawa - <i>Anser anser</i> -GREYLAG GOOSE	3	4
Gęś zbożowa - <i>Anser fabalis</i> - BEAN GOOSE	2	2
Jastrząb - <i>Accipiter gentilis</i> - NORTHERN GOSHAWK	1	1
Kaczka czernica- <i>Aythya fuligula</i> - TUFTED DUCK	1	1
Kormoran - <i>Phalacrocorax carbo</i> - GREAT CORMORANT	1	1
Kruk zwyczajny- <i>Corvus corax</i> - COMMON RAVEN	1	2
Łabędź czarny- <i>Cygnus atratus</i> - BLACK SWAN	3	9
Łabędź niemy - <i>Cygnus olor</i> - MUTE SWAN	60	169
Łyska zwyczajna - <i>Fulica atra</i> -EURASIAN COOT	1	1
Myszołów - <i>Buteo buteo</i> -COMMON BUZZARD	7	8
Orzeł bielik - <i>Haliaeetus albicilla</i> - WHITE-TAILED EAGLE	1	1
Sroka - <i>Pica pica</i> - EURASIAN MAGPIE	1	1
Wróbel domowy - <i>Passer domesticus</i> - HOUSE SPARROW	1	5
	<b>89*</b>	<b>211</b>



\*1 case (2021/45) consisted of 2 species

# HPAI confirmed in wild birds

voivoidship	cases
Dolnośląskie	1
Kujawsko-pomorskie	6
Lubelskie	3
Lubuskie	2
Łódzkie	2
Małopolskie	0
Mazowieckie	13
Opolskie	7
Podkarpackie	0
Podlaskie	3
Pomorskie	21
Śląskie	1
Świętokrzyskie	1
Warmińsko-mazurskie	5
Wielkopolskie	11
Zachodniopomorskie	12



Thank you

