

Avian influenza

Epidemiological situation



General Veterinary Inspectorate
13-14.02.2020

Epidemiological situation 2019/2020

Number of outbreaks of HPAI in Poland – **6 regions**:

- dolnośląskie -1
- lubelskie - 8
- śląskie - 1
- warmińsko – mazurskie -2
- wielkopolskie - 8 (2 +6)
- zachodniopomorskie – 1

**IN TOTAL -21
outbreaks
during
2019/2020
season**

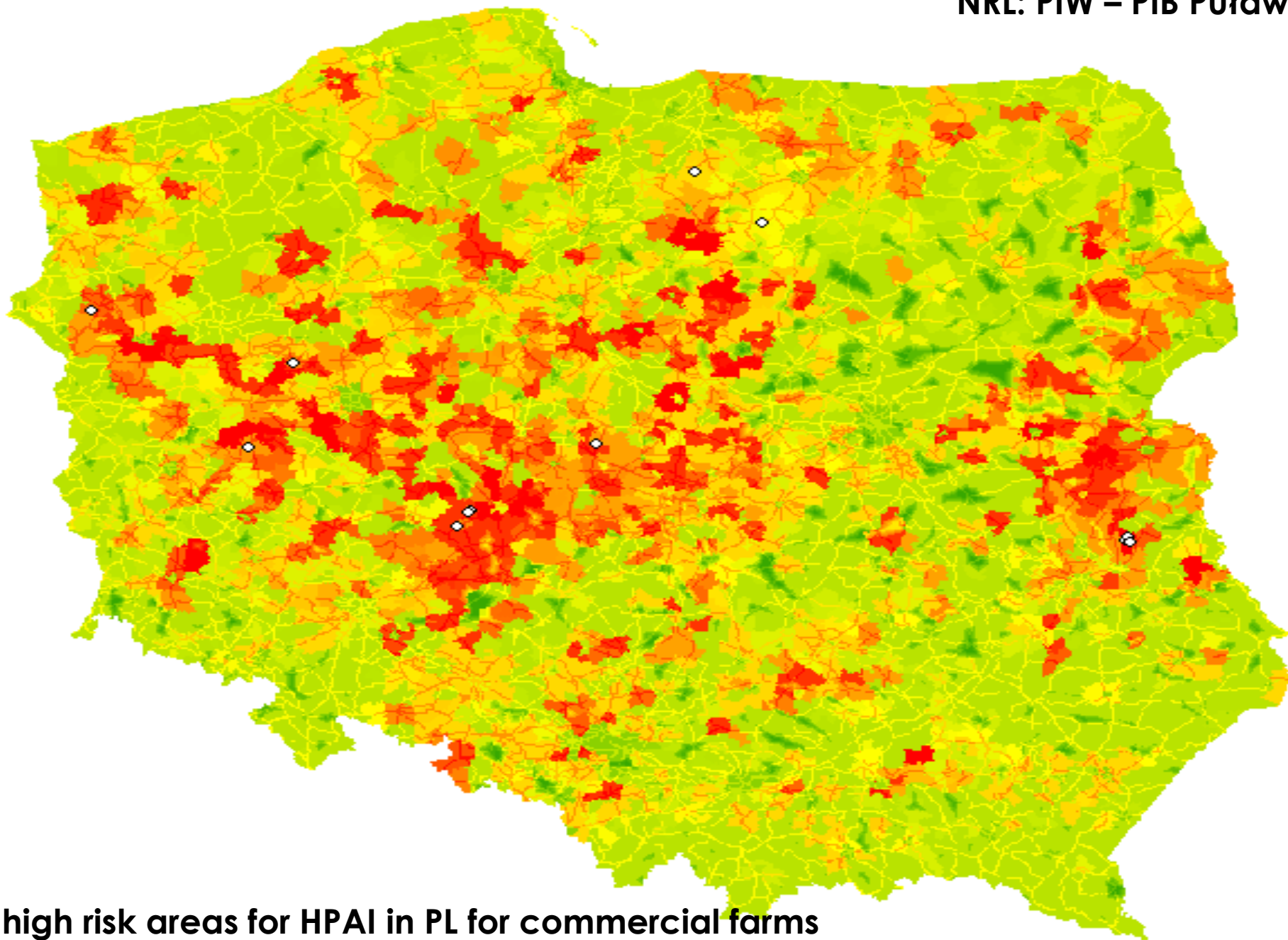
3 outbreaks in 2019 – lubelskie region
18 outbreaks in 2020

Outbreaks summary

ADNS no.	Region	District	municipality	Type of farm	No. of animals	Species/category	Age of birds	official notification	official sampling	confirmation NRL	preliminary cleaning and disinfection
2019/1	Lubelskie	lubartowski	Uścimów	commercial	12 089	slaughter turkeys	14 week	31.12.2019	30.12.2019	31.12.2019	02.01.2020
2019/2	Lubelskie	Lubartowski	Uścimów	commercial	9 500	slaughter turkeys	9,5 weeks	2.01.2020	31.12.2019	31.12.2019	05.01.2020
2019/3	Lubelskie	Lubartowski	Uścimów	commercial	20 600	slaughter turkey	14 weeks old	2.01.2020	31.12.2019	31.12.2019	05.01.2020
2020/1	Lubelskie	Lubartowski	Uścimów	commercial	12 960	guineafowl	7 weeks	3.01.2020	01.01.2020	2.01.2020	05.01.2020
2020/2	Wielkopolskie	Ostrowski	Przygodzice	commercial	36 069	laying hens	38 weeks	3.01.2020	01.01.2020	3.01.2020	05.01.2020
2020/3	Lubelskie	Krasnostawski	Izbica	backyard	36	13 hens, 7 ducks, 16 pigeons		3.01.2020	2.01.2020	3.01.2020	08.01.2020
2020/4	Lubelskie	Krasnostawski	Żółkiwka	backyard	43	19 hens, 22 ducks, 2 geese		3.01.2020	2.01.2020	3.01.2020	08.01.2020
2020/5	Lubelskie	Lubartowski	Uścimów	commercial	13 189	slaughter turkeys	9 weeks	4.01.2020	3.01.2020	4.01.2020	05.01.2020
2020/6	Lubelskie	Lubartowski	Uścimów	commercial	24 000	slaughter turkey	13 weeks	5.01.2020	4.01.2020	5.01.2020	08.01.2020
2020/7	Zachodnio pomorskie	Myśliborski	Myślibórz	commercial	22 629	slaughter turkeys	14 weeks	10.01.2020	9.01.2020	10.01.2020	16.01.2020
2020/8	Wielkopolskie	Kolski	Dąbie	commercial	5 595	reproductive geese, 20 backyard hens	Before reproduction	14.01.2020	12.01.2020	13.01.2020	18.01.2020

Outbreaks summary

No. of Outbreak	Region	District	Community	Type of farm	No. of animals	Species/category	Age of birds	official notification	official sampling	confirmation NRL	preliminary cleaning and disinfection
2020/9	Wielkopolskie	Ostrowski	Ostrów Wielkopolski	commercial	19 594	reproductive ducks	48 weeks	16.01.2020	14.01.2020	15.2020	18.01.2020
2020/10	Wielkopolskie	Ostrowski	Ostrów Wielkopolski	commercial	6 621	slaughter ducks	17 days	17.01.2020	15.01.2020	16.01.2020	18.01.2020
2020/11	Dolnośląskie	Legnicki	Chojnów	backyard	219	91 laying hens, 41 chicken broilers, 17 geese, 70 ducks + 326 pigeons and 4 parrots		20.01.2020	17.01.2020	18.01.2020	19.01.2020
2020/12	Wielkopolskie	Szamotulski	Ostroróg	commercial	37 563	slaughter turkey	12 weeks	24.01.2020	22.01.2020	23.01.2020	25.01.2020
2020/13	Wielkopolskie	Ostrowski	Raszków	backyard	168	152 hens, 9 ducks		24.01.2020	21.01.2020	23.01.2020	23.01.2020
2020/14	Wielkopolskie	Ostrowski	Ostrów Wielkopolski	backyard	165	laying hens		24.01.2020	22.01.2020	23.01.2020	23.01.2020
2020/15	Warmińsko-mazurskie	łtawski	Zalewo	commercial	23 351	slaughter turkey	14 weeks	26.01.2020	25.01.2020	26.01.2020	30.01.2020
2020/16	Wielkopolskie	Wolsztyński	Stary Widzim	commercial	36 183	slaughter turkey	13 weeks	30.01.2020	28.01.2020	29.01.2020	30.01.2020
2020/17	Śląskie	Raciborski	Kuźnia Raciborska	backyard	63	hens		30.01.2020	29.01.2020	29.01.2020	30.01.2020
2020/18	Warmińsko-mazurskie	Ostródzki	Grunwald	commercial	17 060	slaughter turkey	11 weeks	07.02.2020	07.02.2020	08.02.2020	12.02.2020



high risk areas for HPAI in PL for commercial farms




Information from NRL

- Virus from first outbreak characterized genetically at NRL and sent to EURL in Padova
- high similarity with the HPAI H5N8 identified in Nigeria
- IVPI – 3
- The virus has no molecular markers for increased human pathogenicity.



Surveillance in poultry

- Samples taken from 145 flocks of slaughter poultry located in surveillance zones with negative results (as of 11.02.2020)



Surveillance in wild birds (as of 11.02.2020)

1 hawk (positive) – found on 6.01, confirmed 7.01, lubelskie region

- virus almost identical with the one from first outbreak (only 1 nucleotide is different)

Negative samples taken from:

- 5 swans
- 7 ducks
- 5 waxwings
- 2 fieldfares
- 1 kestrel
- 1 pheasant
- 1 cormorant
- 1 heron
- 2 seagulls
- 16 city pigeons

Thank you

