

Avian influenza

Epidemiological situation in Poland



General Veterinary Inspectorate

15.01.2021

Epidemiological situation in poultry 2020/2021

Number of outbreaks of HPAI in Poland – **9 regions**:

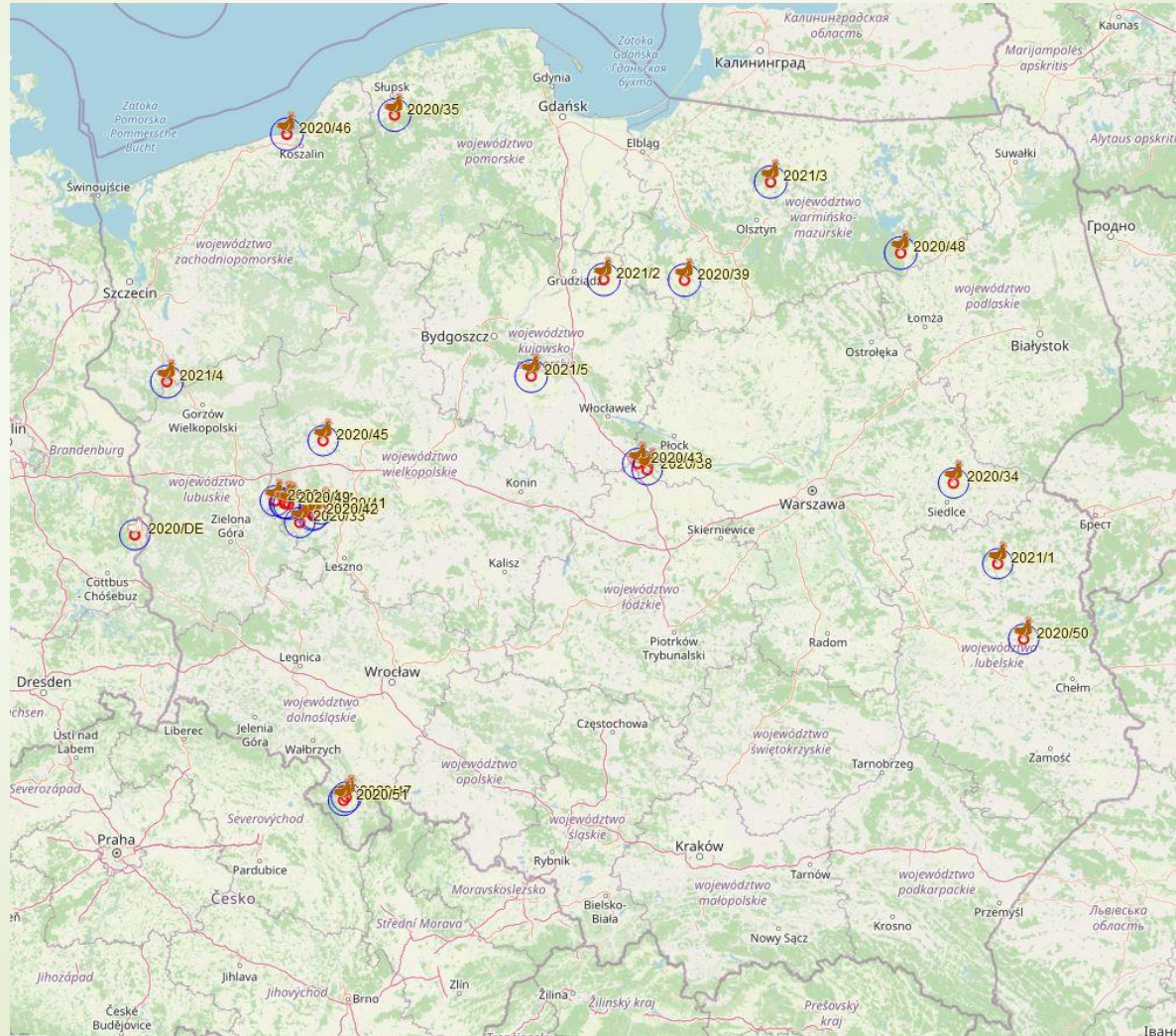
| Województwo | Ogniska |
|---------------------|---------|
| Dolnośląskie | 2 |
| Kujawsko-pomorskie | 2 |
| Lubelskie | 2 |
| Lubuskie | 1 |
| Mazowieckie | 3 |
| Pomorskie | 1 |
| Warmińsko-mazurskie | 3 |
| Wielkopolskie | 9 |
| Zachodniopomorskie | 1 |

**IN TOTAL -24
outbreaks
during
2020/2021
season**

(since 24 November 2020)

19 outbreaks in 2020
5 outbreaks in 2021

Location of HPAI outbreaks in poultry



Outbreaks summary

17 new outbreak since last PAFF comitee

| No. of Outbreak | Region | District | Community | Type of farm | Number of animals | Species/ category | Date official notification | Date official sampling | Date Confirmation NRL | Date of preliminary cleaning and disinfection |
|-----------------|---------------------|-------------|-------------|--------------|-------------------|---|----------------------------|------------------------|-----------------------|---|
| 2020/33 | Wielkopolskie | Wolsztyński | Wolsztyn | commercial | 940 261 | laying hens | 25.11.2020 | 24.11.2020 | 24.11.2020 | 29.11.2020 |
| 2020/34 | Mazowieckie | Siedlecki | Suchożebry | commercial | 117 108 | slaughter turkeys | 02.12.2020 | 01.12.2020 | 02.12.2020 | 06.12.2020 |
| 2020/35 | Pomorskie | Słupski | Kobylnica | commercial | 269 697 | laying hens (176 917) rearing (92 780) | 04.12.2020 | 03.12.2020 | 04.12.2020 | 15.12.2020 |
| 2020/36 | Wielkopolskie | Grodziski | Rakoniewice | commercial | 72 394 | slaughter turkeys | 07.12.2020 | 03.12.2020 | 04.12.2020 | 08.12.2020 |
| 2020/37 | Wielkopolskie | Wolsztyński | Siedlec | commercial | 714 728 | laying hens | 07.12.2020 | 04.12.2020 | 05.12.2020 | 14.12.2020 |
| 2020/38 | Mazowieckie | Gostyniński | Gostynin | commercial | 34 272 | slaughter turkeys | 08.12.2020 | 07.12.2020 | 08.12.2020 | 14.12.2020 |
| 2020/39 | Warmińsko-mazurskie | Nowomiejski | Grodziczno | commercial | 9 162 | slaughter turkeys | 12.12.2020 | 11.12.2020 | 12.12.2020 | 15.12.2020 |
| 2020/40 | Wielkopolskie | Wolsztyński | Siedlec | commercial | 12 636 | slaughter turkeys | 15.12.2020 | 13.12.2020 | 14.12.2020 | 16.12.2020 |
| 2020/41 | Wielkopolskie | Grodziski | Wielichowo | commercial | 199 106 | laying hens | 15.12.2020 | 13.12.2020 | 14.12.2020 | 18.12.2020 |
| 2020/42 | Wielkopolskie | Grodziski | Rakoniewice | commercial | 32 965 | slaughter turkeys | 15.12.2020 | 11.12.2020 | 14.12.2020 | 14.12.2020 |
| 2020/43 | Mazowieckie | Gostyniński | Gostynin | backyard | 32 | 26 hens, 6 geese | 15.12.2020 | 14.12.2020 | 15.12.2020 | 16.12.2020 |
| 2020/44 | Wielkopolskie | Wolsztyński | Siedlec | commercial | 30 488 | slaughter turkeys | 16.12.2020 | 14.12.2020 | 15.12.2020 | 18.12.2020 |

Outbreaks summary

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|-----------------|---------------------|---------------|-----------------|--------------|-------------------|--------------------|----------------------------|------------------------|-----------------------|---|
| 2020/44 | Wielkopolskie | Wolsztyński | Siedlec | commercial | 30 488 | slaughter turkeys | 16.12.2020 | 14.12.2020 | 15.12.2020 | 18.12.2020 |
| 2020/45 | Wielkopolskie | Szamotulski | Pniewy | commercial | 10 200 | slaughter turkeys | 16.12.2020 | 15.12.2020 | 16.12.2020 | 18.12.2020 |
| 2020/46 | Zachodniopomorskie | Koszaliński | Mielno | commercial | 662 | laying hens | 18.12.2020 | 17.12.2020 | 18.12.2020 | 31.12.2020 |
| 2020/47 | Dolnośląskie | Kłodzki | Kłodzko | backyard | 81 | hens | 22.12.2020 | 18.12.2020 | 22.12.2020 | 22.12.2020 |
| 2020/48 | Warmińsko-mazurskie | Piski | Pisz | commercial | 31 091 | slaughter turkeys | 22.12.2020 | 21.12.2020 | 22.12.2020 | 23.12.2020 |
| 2020/49 | Wielkopolskie | wolsztyński | Siedlec | commercial | 600 | slaughter geese | 23.12.2020 | 21.12.2020 | 23.12.2020 | 23.12.2020 |
| 2020/50 | Lubelskie | łęczyński | Ludwin | commercial | 11 340 | slaughter ducks | 29.12.2020 | 28.12.2020 | 28.12.2020 | 31.12.2020 |
| 2020/51 | Dolnośląskie | kłodzki | Kłodzko | backyard | 195 | hens | 30.12.2020 | 28.12.2020 | 29.12.2020 | 30.12.2020 |
| 2021/1 | Lubelskie | radzyński | Wołyń | commercial | 28 590 | slaughter turkeys | 05.01.2021 | 04.01.2021 | 04.01.2021 | 07.01.2021 |
| 2021/2 | Kujawsko-Pomorskie | grudziądzki | Świecie nad Osą | commercial | 11 227 | slaughter turkeys | 07.01.2021 | 06.01.2021 | 07.01.2021 | 12.01.2021 |
| 2021/3 | Warmińsko-mazurskie | olsztyński | Jeziorany | commercial | 1 964 | reproductive geese | 11.01.2021 | 09.01.2021 | 10.01.2021 | 11.01.2020 |
| 2021/4 | Lubuskie | gorzowski | Lubiszyn | commercial | 15 600 | slaughter turkeys | 11.01.2021 | 08.01.2021 | 09.01.2021 | 11.01.2021 |
| 2021/5 | Kujawsko-Pomorskie | inowrocławski | Gniewkowo | commercial | 30 796 | slaughter turkeys | 13.01.2021 | 12.01.2021 | 13.01.2021 | Planned 21.01.2021 |

Holdings in the zones

| No of outbreak | Voivodship | Number of commercial holdings | | Number of poultry (both zones) |
|----------------|---------------------|-------------------------------|--------------------|-----------------------------------|
| | | Protection zone | Surveillance zone: | |
| 2020/33 | Wielkopolskie | 4 | 28 | 1 077 274 |
| 2020/34 | Mazowieckie | 7 | 50 | 1 504 287 |
| 2020/35 | Pomorskie | 1 | 0 | 124 800 |
| 2020/36 | Wielkopolskie | 5 | 14 | 912 750 |
| 2020/37 | Wielkopolskie | 10 | 50 | 794 950 |
| 2020/38 | Mazowieckie | 32 | 6 | 984 966 |
| 2020/39 | Warmińsko-mazurskie | 7 | 49 | 325 027 |
| 2020/40 | Wielkopolskie | 3 | 35 | 393 391 |
| 2020/41 | Wielkopolskie | 8 | 5 | 521 863 |
| 2020/42 | Wielkopolskie | 5 | 14 | 912 750 |
| 2020/43 | Mazowieckie | 2 | 3 | 26 500 |
| 2020/44 | Wielkopolskie | 4 | 10 | 27 305 |
| 2020/45 | Wielkopolskie | 2 | 22 | 74 800 |
| 2020/46 | Zachodniopomorskie | 0 | 1 | 500 |
| 2020/47 | Dolnośląskie | 0 | 0 | 0 |
| 2020/48 | Warmińsko-mazurskie | 0 | 2 | 30 944 |
| 2020/49 | Wielkopolskie | 3 | 35 | 393 391 |
| 2020/50 | Lubelskie | 6 | 10 | 1 678 |
| 2020/51 | Dolnośląskie | 0 | 0 | 0 |
| 2021/1 | Lubelskie | 3 | 25 | 446 180 |
| 2021/2 | Kujawsko-Pomorskie | 0 | 3 | 22 704 |
| 2021/3 | Warmińsko-mazurskie | 0 | 1 | 32 316 |
| 2021/4 | Lubuskie | 0 | 15 | 122 217 |
| 2021/5 | Kujawsko-Pomorskie | | | |



Results of epidemiological investigation

- ▶ Possible source of infection – wildlife (migration period and close proximity to water reservoirs)
- ▶ Possible direct (backyard) and indirect contact with wildlife;
- ▶ Lack of biosecurity

**Measures for combating AI
in accordance with Directive 2005/94/EC
were implemented**



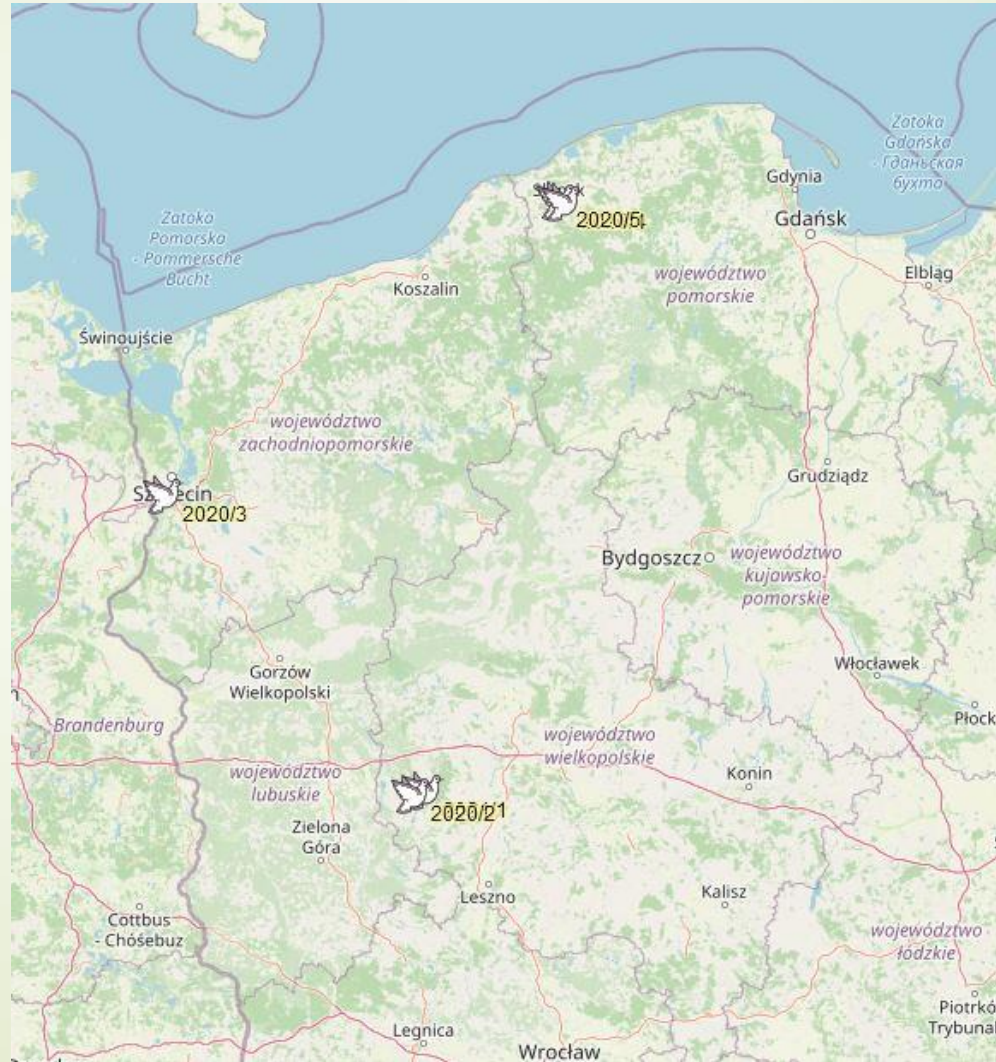
Number of flocks tested (1.10.2020-14.01.2021)

- ▶ suspicion/testing to exclude - 82 flocks - 24 positive for H5N8 (5 in 2021)
- ▶ post outbreak surveillance- contact holdings - 32 flocks - all negative
- ▶ testing before movement to a slaughterhouse - 40 flocks - all negative

Surveillance in wild birds (01.10.2020-14.01.2021)

- Passive surveillance - dead or moribund birds: 11 birds (4 HPAIV H5N8 detections)
 - Tundra bean goose found on 08.12.2020 (Wielkopolskie)
 - Tundra bean goose found on 09.12.2020 (Zachodniopomorskie)
 - Swan found on 16.12.2020 (Pomorskie)
 - Goose found on 16.12.2020 (Pomorskie)
 - Tundra bean goose found on 09.01.2021 (Wielkopolskie)
- Active surveillance – alive, apparently healthy birds (hunted or captured by ornithologists) - 412 birds (no HPAIV detections)
- Environmental sampling of wild bird faeces - 6 samples (no HPAIV detection)

Location of HPAI outbreaks in wild birds



Thank you

