

AVIAN INFLUENZA

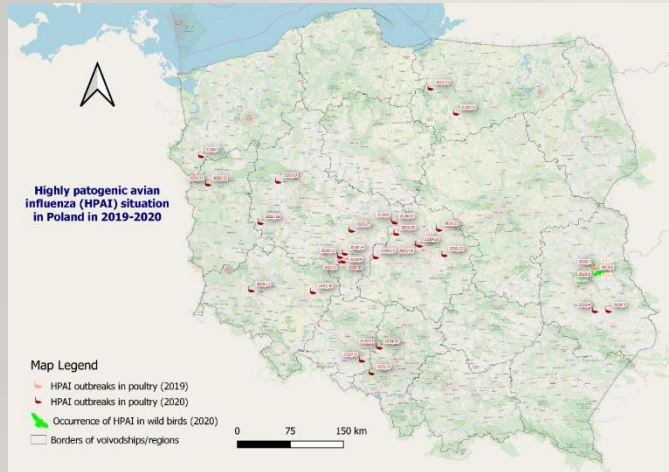
EPIDEMIOLOGICAL SITUATION



General Veterinary Inspectorate

14-15.12.2020

HPAI SITUATION IN POLAND BETWEEN 31 DECEMBER 2019-10 DECEMBER 2020



31.12.2019-31.03.2020

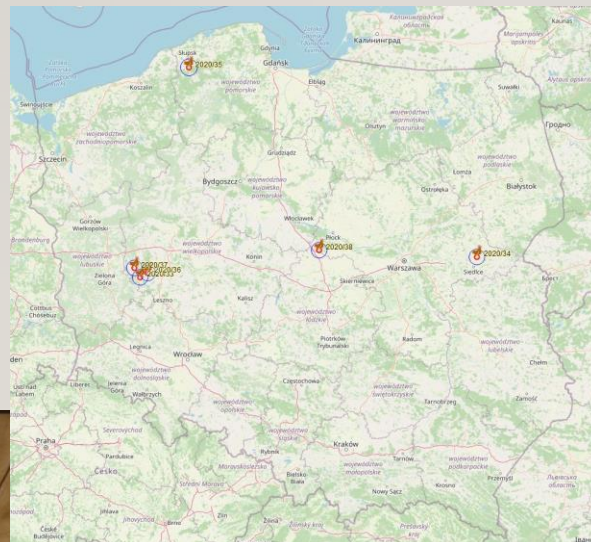
- ✓ 35 outbreaks in poultry
- ✓ 1 case in wild bird

1.04.2020 – 31.10.2020

- ✓ no AI in poultry and wild birds

1.11.2020- 10.12.2020

- ✓ 6 outbreaks in poultry
- ✓ 1 case in wild bird



EFSA ALERT

After releasing EFSA alert on HPAI in Russia and Kazakhstan, CVO ordered to organize trainings by local competent authorities in cooperation with poultry associations.

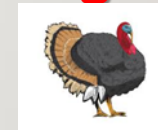
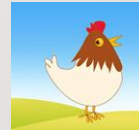
EPIDEMIOLOGICAL SITUATION SINCE 24 NOVEMBER 2020

Number of outbreaks of HPAI in Poland – **3 regions:**

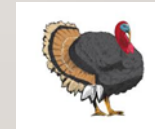
- **WIELKOPOLSKIE - 3 OUTBREAKS**



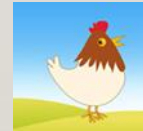
1 CASE TUNDRA BEAN GOOSE (*A. FABALIS SERRIROSTRIS*)



- **MAZOWIECKIE – 2 OUTBREAKS**



- **POMORSKIE -1 OUTBREAK**

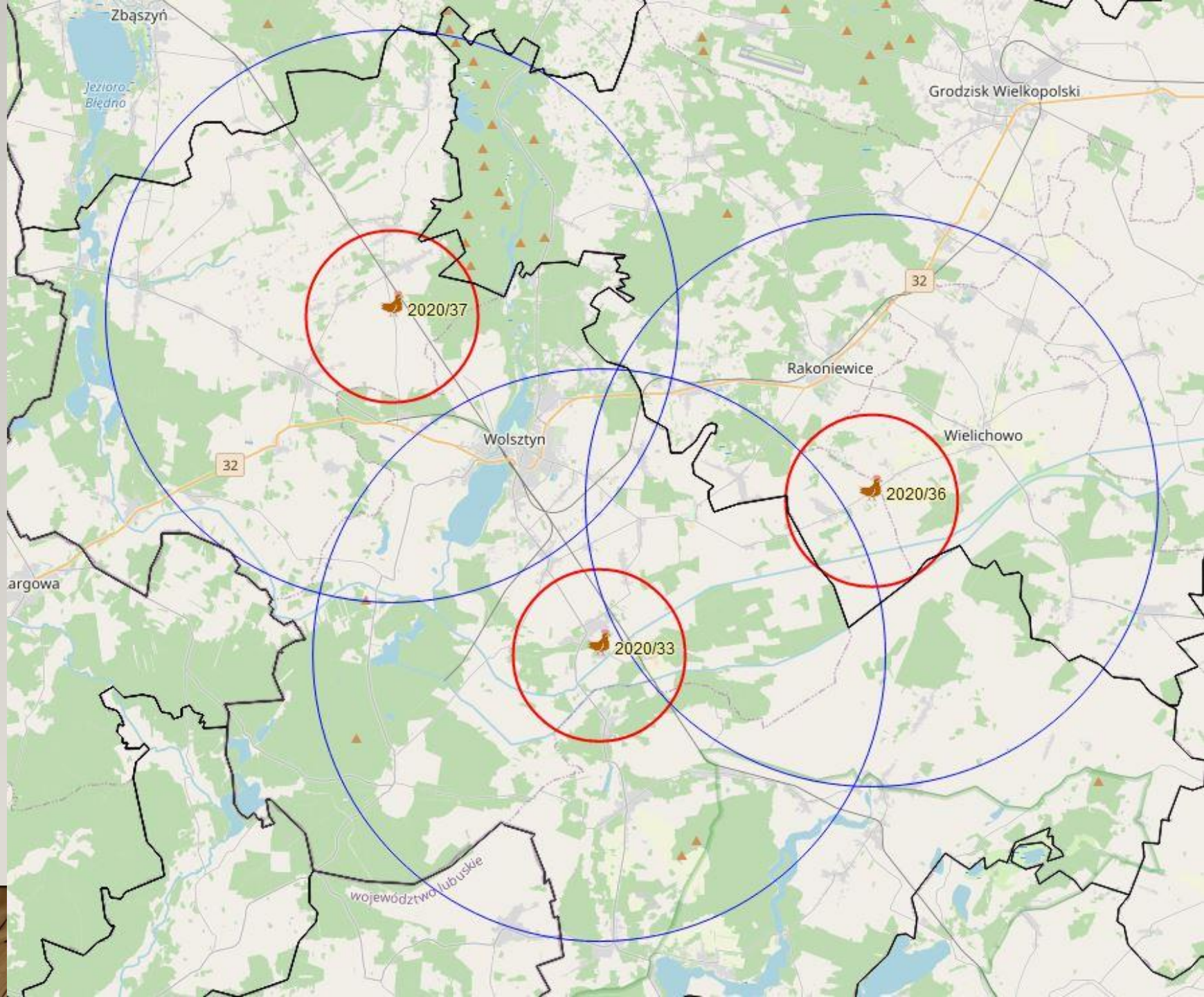


EPIDEMIOLOGICAL SITUATION SINCE 24 NOVEMBER 2020



OUTBREAKS IN WIELKOPOLSKIE REGION

Outbreaks: 2020/33, 2020/36 and 2020/37



FIRST OUTBREAK SINCE NOVEMBER 2020: 2020/33

- Flock of laying hens: 940 261 in 26-76 weeks old
- Wolsztyn municipality, wolsztyński district, Wielkopolskie region
- 23.11.2020- notification from owner on increased mortality in flock → samples were taken
- Confirmed in NRL (PCR) - 24 November
- HPAI: H5N8
- Eggs, not for human consumption, used for pulp production
- Possible source of virus – wild birds- Obra canal in close proximity to the farm (50m)
- Preliminary C&D- 29.11.2020



HOLDINGS IN ZONES

Protection zone:

4 commercial holdings:

- 1 – chicken broilers,
- 1 – reproductive hens,
- 2 – poultry rearing establishment

Surveillance zone:

21 commercial holdings:

- 4 – slaughter turkeys
- 11 – chicken broilers,
- 1- poultry hatchery
- 3- poultry rearing establishment
- 2- laying hens

OUTBREAK 2020/36

- 72 394 slaughter turkeys in 6 and 14 weeks old
- Rakoniewice municipality, grodziski district, Wielkopolskie region
- 03.12.2020- notification from owner on increased mortality and drop in feed intake → samples were taken
- Confirmed in NRL (PCR) – 4 December
- H5N8
- No sale of poultry
- Preliminary C&D -8.12.2020

Protection zone:

6 commercial holdings:

- 4 –slaughter turkeys,
- 2 – reproductive geese,

Surveillance zone:

10 commercial holdings:

- 1 – reproductive geese,
- 7 – chicken broilers
- 1- laying hens
- 1- poultry rearing establishment

OUTBREAK 2020/37

- 714 724 laying hens 82 in 18 weeks old
- Siedlec municipality, wolsztyński district, Wielkopolskie voivodship
- 04.12.2020- increased mortality in flock (owner's notification)
- Confirmed in NRL (PCR) - 5 December 2019 H5N8
- No sale of poultry
- Planned preliminary C&D - 17.12.2020

Protection zone:

10 commercial holdings:

- 1 -slaughter turkeys,
- 1 -reproductive geese,
- 4 -poultry rearing establishment
- 4 -chicken broiler

Surveillance zone:

41 commercial holdings:

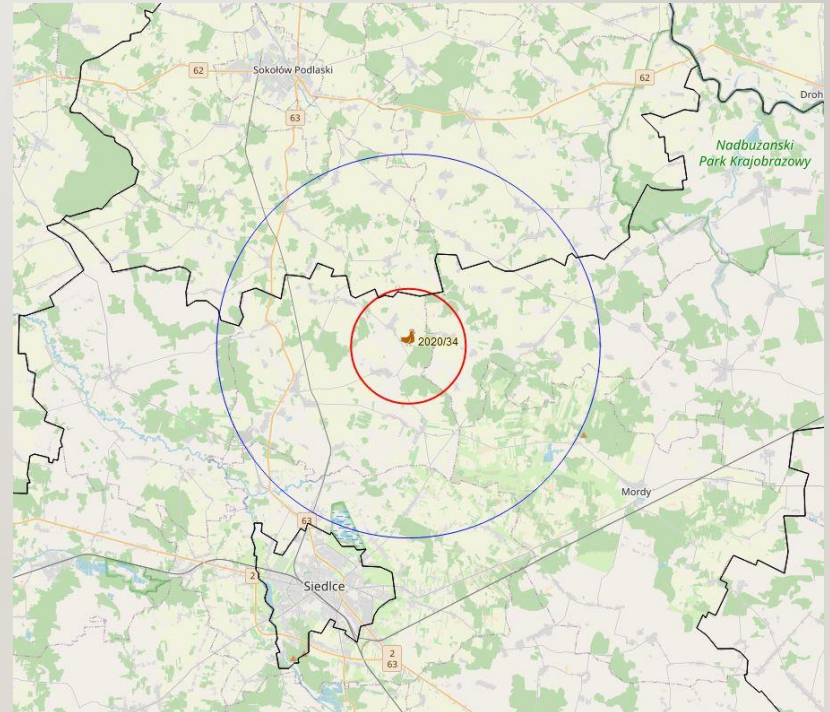
- 19 -slaughter turkeys,
- 7 -poultry rearing establishment
- 18 -chicken broiler
- 7- laying hens

OUTBREAKS IN MAZOWIECKIE REGION

Outbreaks: 2020/34 and 2020/38

OUTBREAK 2020/34

- 117 108 slaughter turkey in 11 and 16 weeks old
- Suchożebry municipality, siedlecki district, Mazowieckie region
- 01.12.2020- increased mortality in flock (owner's notification)
- Confirmed in NRL (PCR) – 2 December
- H5N8
- Last sale to slaughterhouse before suspicion =>(26.11) =, meat undergone heat treatment,
- Preliminary C&D -6.12.2020



HOLDINGS IN ZONES

Protection zone:

5 commercial holdings:

- 3 – chicken broilers,
- 2 – slaughter turkeys
- Preventive culling in 1 contact holding

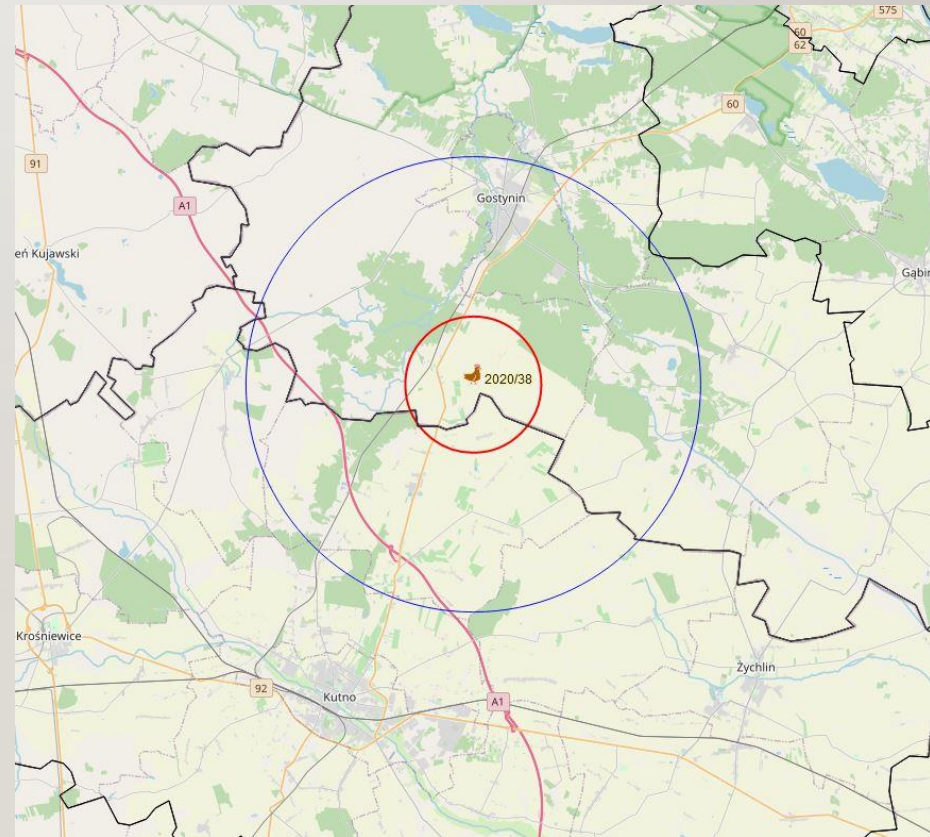
Surveillance zone:

37 commercial holdings:

- 28 - chicken broilers,
- 4 - slaughter turkeys
- 1 - laying hens
- 2- poultry rearing establishment
- 1 - fattening geese
- 1 – reproductive geese,

OUTBREAK 2020/38

- 34 272 slaughter turkeys in 11 weeks old
- Gostynin municipality, gostyniński district, Mazowieckie voivodship
- 07.12.2020- increased mortality in flock
- Confirmed in NRL (PCR) - 8 December
- H5N8
- No sale of poultry
- Preliminary C&D -10.12.2020



HOLDINGS IN ZONES

Protection zone:

20 commercial holdings:

- 7 – chicken broilers,
- 9 – slaughter turkeys
- 3 – reproductive hens
- 1 – poultry rearing establishment
- Preventive culling in 1 contact holding

Surveillance zone:

3 commercial holdings:

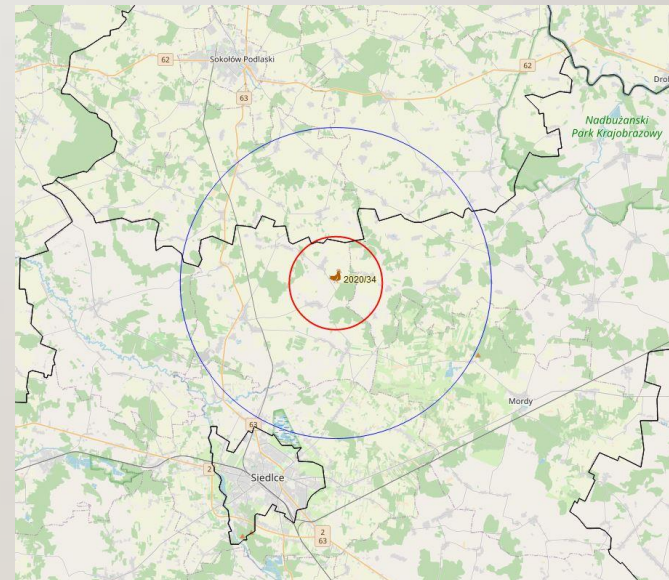
- 1 - chicken broilers,
- 1 - slaughter turkeys
- 1 – reproductive hens

OUTBREAK IN POMORSKIE REGION

Outbreaks: 2020/35

OUTBREAK 2020/35

- 176 871 laying hens in 72, 63 and 20 weeks old
- Kobylnica municipality, słupecki district, Pomorskie region
- 03.12.2020- increased mortality in flock
- Confirmed in NRL (PCR) - 4 December
- H5N8
- No sale of poultry
- Preliminary C&D - 11.12.2020



HOLDINGS IN ZONES

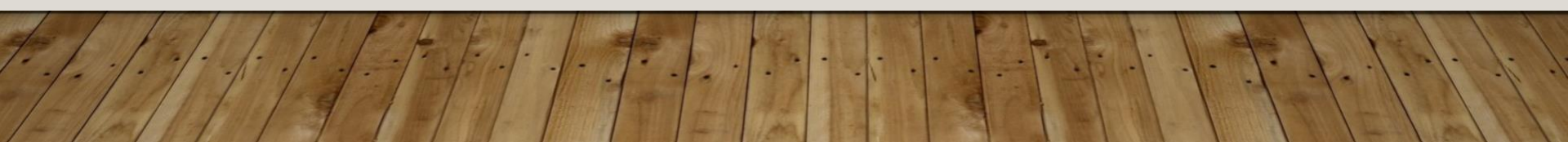
Protection zone:

- Preventive culling in 1 holding
- 1 poultry rearing establishment

Surveillance zone:

- No commercial holdings

IMPLEMENTED MEASURES:

- Measures for combating AI (stamping out, disinfection movement restrictions, etc.) in accordance with Directive 2005/94/EC
-
- Preventive culling of birds in protection areas (3 km) in contact farms
 - Additional regulation (applicable to entire territory of PL) of Minister for Agriculture and Rural Development – biosecurity and preventive measures for all holdings
 - Awareness campaigns (farmers, hunters)
 - Risk assessment
 - Biosecurity controls
- 

MEASURES IN ZONES (PROTECTION, SURVEILLANCE):

- a census of all the holdings;
- fairs, markets, shows or other gatherings of poultry or other captive birds are prohibited;
- any person entering or leaving holdings must apply appropriate biosecurity measures;
- disinfection of vehicles and equipment used for transporting live poultry or other captive birds, meat, feed, manure, slurry and bedding and any other material or substances likely to be contaminated;
- any increased morbidity or mortality or significant drop in production data in holdings is immediately reported to the competent authority;

SURVEILLANCE IN WILD BIRDS



PASSIVE SURVEILLANCE IN WILD BIRDS

Testing of sick wild birds and dead poultry, especially wild birds are covered by passive surveillance as a high risk of infection and transmission of the virus.

Surveillance is carried out especially in the areas in close proximity of sea, lakes, water reservoirs, waterways, in particular when there are poultry holdings in the neighborhood.

PASSIVE SURVEILLANCE IN WILD BIRDS

Indication for passive monitoring is increased mortality in wild birds, especially:

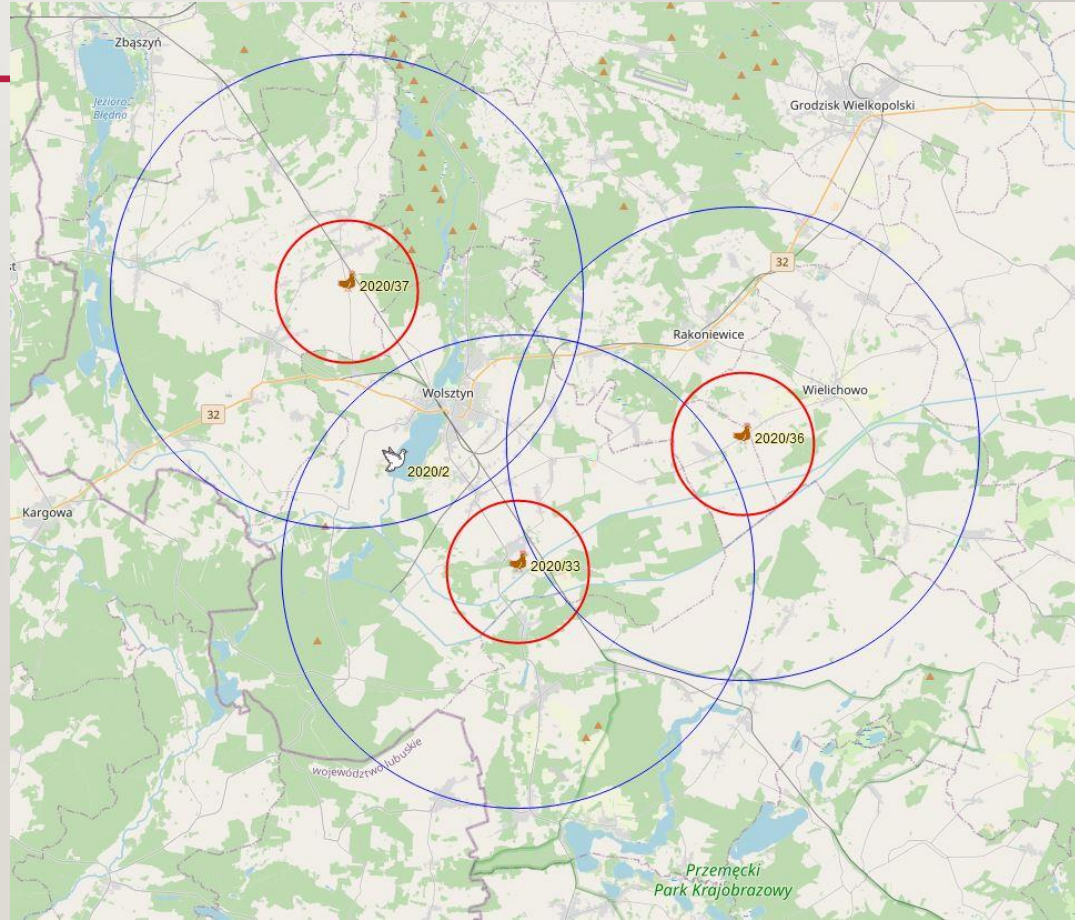
- a) among 'target species' as well as other birds in contact;
- b) in places of stopping of birds during spring and autumn migration;
- c) in places where a large number of migrating birds of different species mix, mainly 'target species'
- d) in the vicinity of domestic poultry farms / farms;
- e) near migration routes

INTENSIFYING ACTIVITIES

- After detection of HPAI in EU Member States General Veterinary Officer ordered local competent authorities to increase surveillance in wild birds.
- After confirmation of HPAI outbreaks in Poland Chief Veterinary Officer ordered to organize active search in protection zones.

EPIDEMIOLOGICAL SITUATION- WILD BIRDS

On 9th December 2020 the first in 2nd half of the year 2020 occurrence of HPAI subtype H5N8 was confirmed in **tundra bean goose** (*A. fabalis serrirostris*), found on 8 December 2020 near Berzyńskie lake in Wolsztyn municipality, wolsztyński district, in Wielkopolskie voivodship, on the protection area established due to HPAI outbreaks in poultry in wolsztyński district.



SURVEILLANCE IN WILD BIRDS

- Passive surveillance -6
- Active surveillance – 281

(data since 1 of October 2020)

NATIONAL REFERENCE LABORATORY

PIW – PIB PUŁAWY

- continuous assessment of the HPAI situation



GLÓWNY
INSPEKTORAT
WETERYNARII

Inspekcja
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eksport

Nadzór
weterynaryjny

Systemy
informatyczne

Prawo publikacje
raporty

Strona główna | NADZÓR WETERYNARYJNY | Zdrowie zwierząt | Zwalczenie i monitoring wybranych chorób zakaźnych zwierząt | Grypa ptaków (AI)

Grypa ptaków - opracowania PIWet-PIB Puławy [15]

FORMAT	NAZWA PLIKU	DATA PUBLIKACJI	ROZMIAR	POBIERZ
	Wyniki analiz genetycznych H5N8 Polska.pdf ilość pobrań: 256	2020-12-01 09:55	455.08KB	 455.08KB
	Opracowanie PIWet Puławy z dnia 2020.12.10 ilość pobrań: 7	2020-12-10 16:34	0.94MB	 0.94MB
	Opracowanie PIWet Puławy z dnia 2020.12.09 ilość pobrań: 45	2020-12-09 17:56	0.94MB	 0.94MB
	Opracowanie PIWet Puławy z dnia 2020.12.07 ilość pobrań: 68	2020-12-08 09:18	0.94MB	 0.94MB
	Opracowanie PIWet Puławy z dnia 2020.12.01 ilość pobrań: 125	2020-12-02 13:42	917.98KB	 917.98KB
	Opracowanie PIWet Puławy z dnia 2020.11.30 ilość pobrań: 64	2020-12-02 13:41	918.75KB	 918.75KB
	Opracowanie PIWet Puławy z dnia 2020.11.27 ilość pobrań: 85	2020-11-27 13:40	905.99KB	 905.99KB
	Opracowanie PIWet Puławy z dnia 2020.11.25 ilość pobrań: 4795	2020-11-27 13:40	0.92MB	 0.92MB

THANK YOU

