



State
Veterinary
Administration

HPAI H5N8 in poultry and wild birds in the Czech Republic

SCOPAFF

2. – 3. 3. 2017

Brussels

From 4. 1. 2017 to 1. 3. 2017

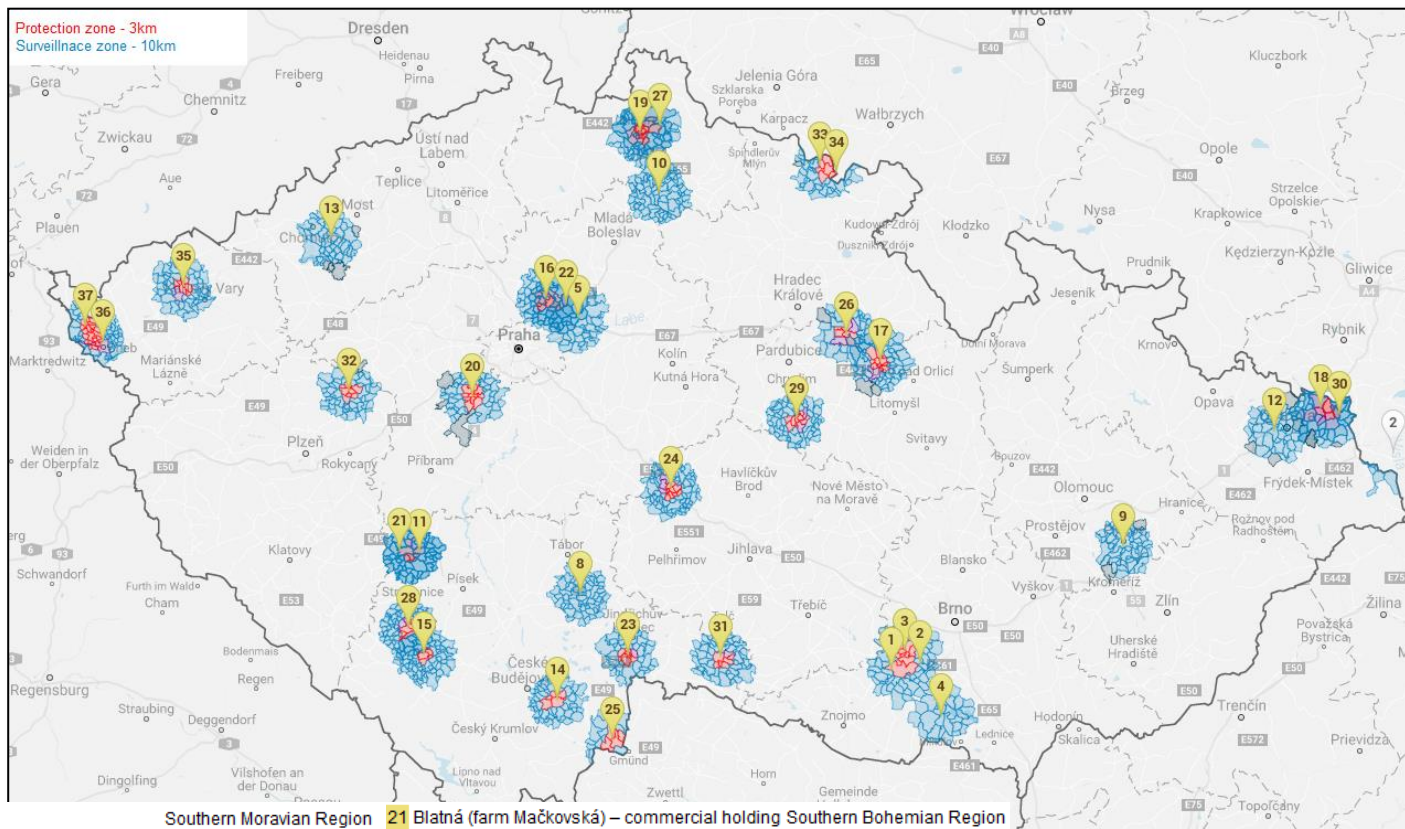
37 HPAI outbreaks (H5N8, H5N5)

- 31 HPAI H5N8 outbreaks in back-yard flock
- 5 HPAI H5N8 outbreaks in commercial poultry farm
- 1 HPAI **H5N5** outbreak in captive birds in ZOO Liberec

52 HPAI cases in wild birds (H5N8)

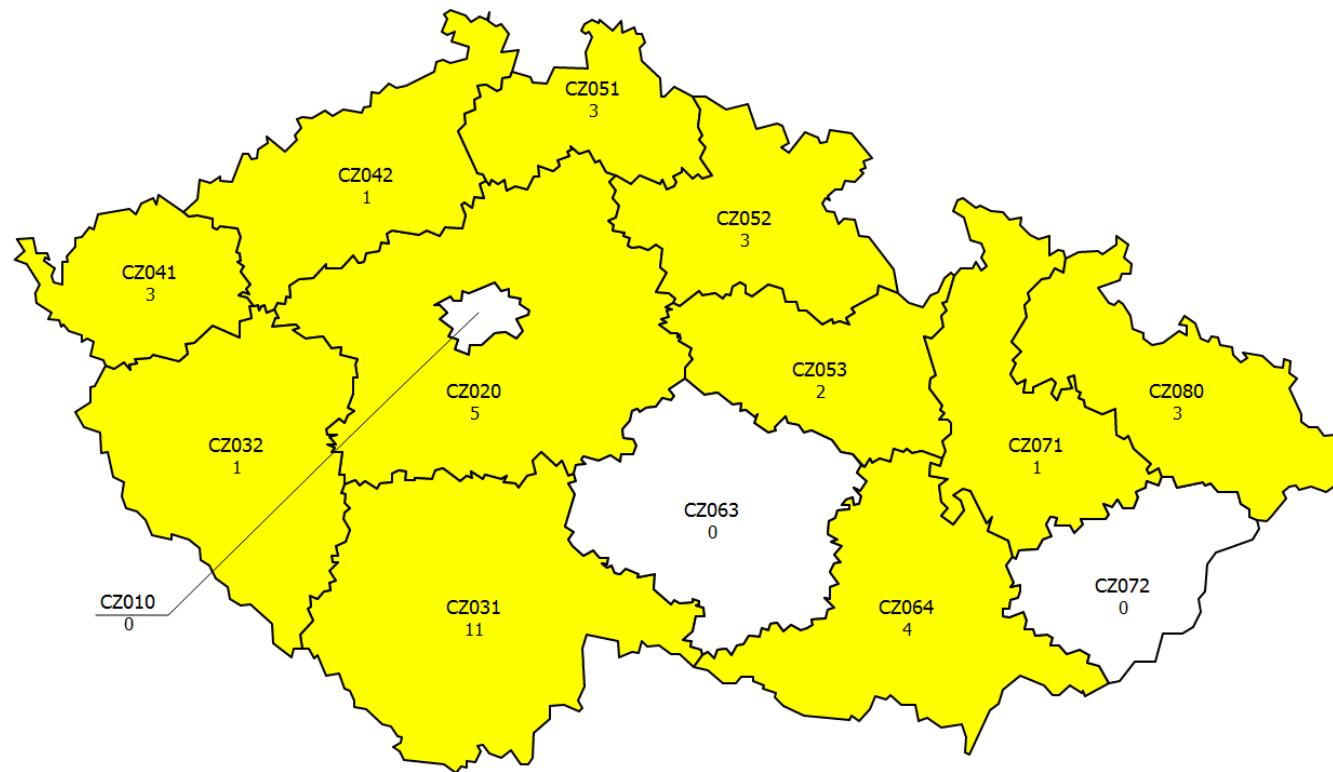
- 40 swans
- 8 ducks
- 2 geese
- 2 herons

Map of HPAI outbreaks – situation 1. 3. 2017



- | | | | |
|--|--------------------------|---|--------------------------|
| 1 Moravský Krumlov | Southern Moravian Region | 21 Blatná (farm Mačkovská) – commercial holding | Southern Bohemian Region |
| 2 Němčice u Ivančic | Southern Moravian Region | 22 Zábřehy | Central Bohemian Region |
| 3 Letkovice u Ivančic | Southern Moravian Region | 23 Horní Lhota | Southern Bohemian Region |
| 4 Brod nad Dyjí | Southern Moravian Region | 24 Blažejovice | Central Bohemian Region |
| 5 Lázně Toušeň | Central Bohemian Region | 25 Žofina Hut' - Nová Ves nad Lužnicí | Southern Bohemian Region |
| 8 Sedlečko u Soběslavě | Southern Bohemian Region | 26 Ďždár nad Orlicí | Region of Hradec Králové |
| 9 Lověšice | Region of Olomouc | 27 ZOO Liberec, Ruprechtice | Region of Liberec |
| 10 Kadeřavec | Southern Bohemian Region | 28 Volyně | Southern Bohemian Region |
| 11 Blatná – commercial holding | Southern Bohemian Region | 29 Ochoz | Region of Pardubice |
| 12 Ostrava -Svinov | Moravia-Silesian Region | 30 Doubrava u Orlové | Moravia-Silesian Region |
| 13 Bílence | Region of Ústí nad Labem | 31 Dačice | Southern Bohemian Region |
| 14 Ledenice | Southern Bohemian Region | 32 Bohy | Region of Plzeň |
| 15 Vlachovo Březí – commercial holding | Southern Bohemian Region | 33 Bernartice 1 | Region of Hradec Králové |
| 16 Kostelec nad Labem | Central Bohemian Region | 34 Bernartice 2 | Region of Hradec Králové |
| 17 Koldín | Region of Pardubice | 35 Božičany | Region of Karlovy Vary |
| 18 Orlová | Moravia-Silesian Region | 36 Klest | Region of Karlovy Vary |
| 19 Liberec - Janův Důl | Region of Liberec | 37 Poustka | Region of Karlovy Vary |
| 20 Hlásná Třebáň | Central Bohemian Region | 2 Outbreak HPAI in Poland – 14. 2. 2017 | Moravia-Silesian Region |

Regions and number of outbreaks



CZ011 CAPITAL CITY PRAGUE

CZ021 CENTRAL BOHEMIAN REGION

CZ031 SOUTHERN BOHEMIAN REGION

CZ032 REGION OF PLZEN

CZ041 REGION OF KARLOVY VARY

CZ042 REGION OF USTI N. LABEM

CZ051 REGION OF LIBEREC

CZ052 REGION OF HRADEC KRALOVE

CZ053 REGION OF PARDUBICE

CZ061 REGION OF VYSOCINA

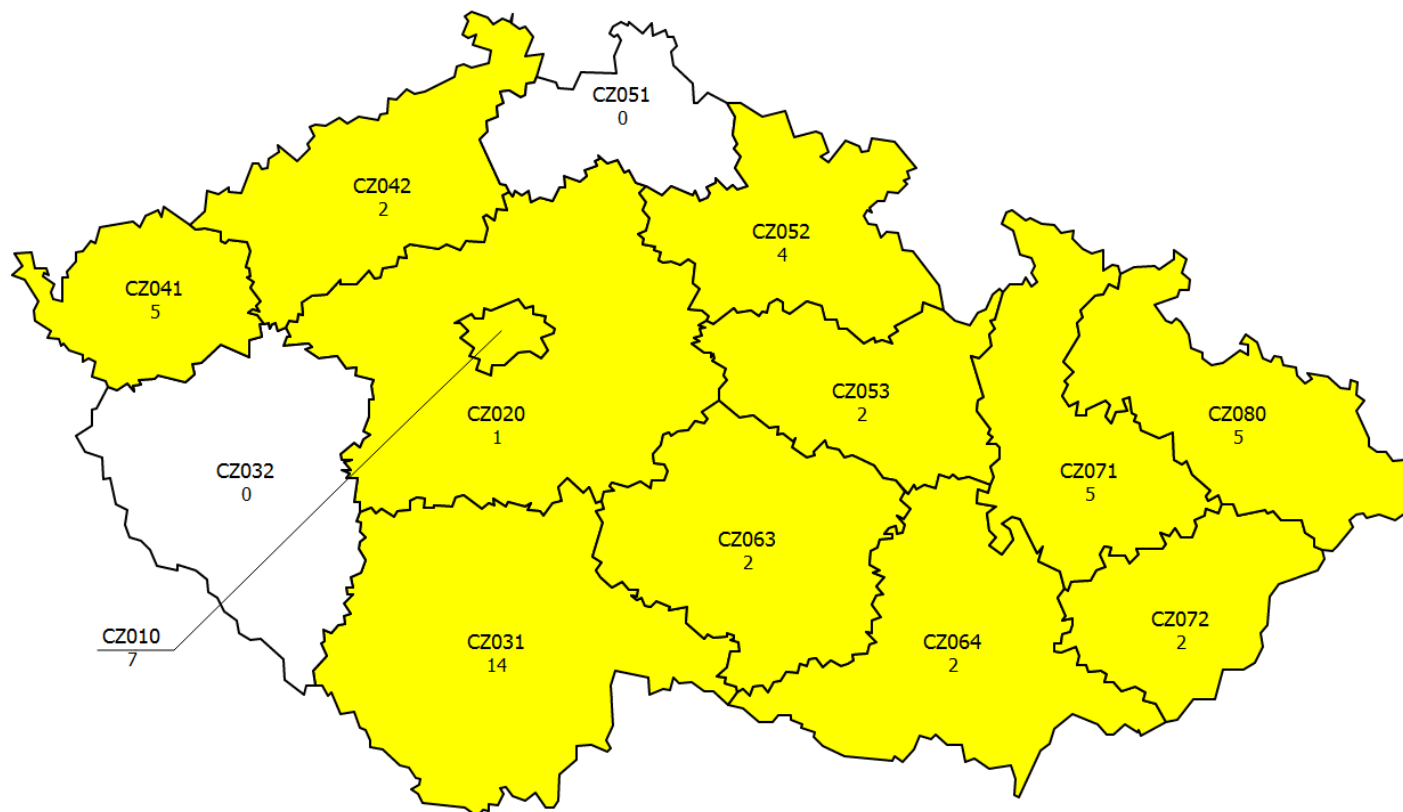
CZ062 SOUTHERN MORAVIAN REGION

CZ071 REGION OF OLOMOUC

CZ072 REGION OF ZLIN

CZ081 MORAVIA-SILESIA REGION

Regions and number of positive wild birds



CZ011 CAPITAL CITY PRAGUE

CZ021 CENTRAL BOHEMIAN REGION

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CZ062 SOUTHERN MORAVIAN REGION

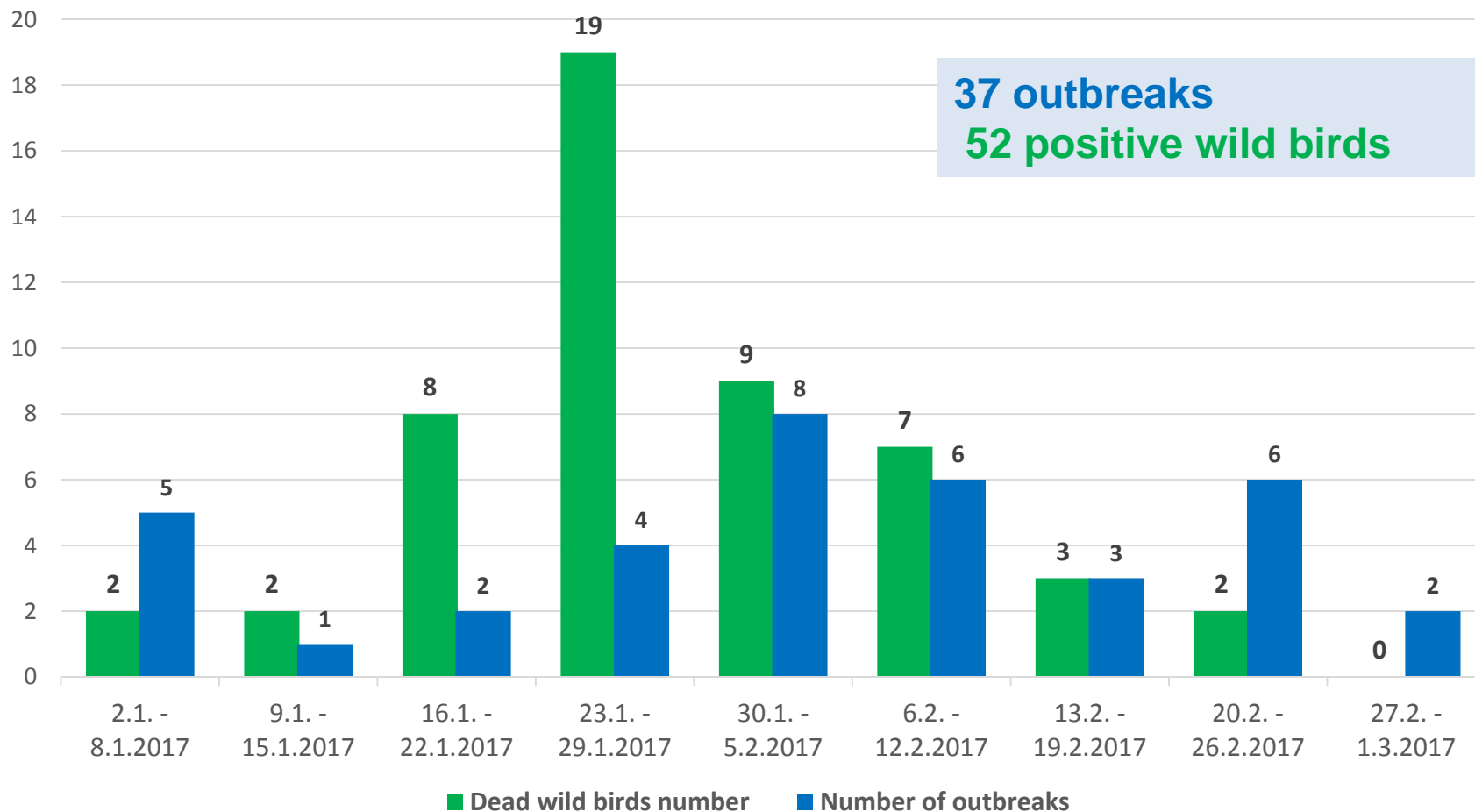
CZ071 REGION OF OLOMOUC

CZ072 REGION OF ZLIN

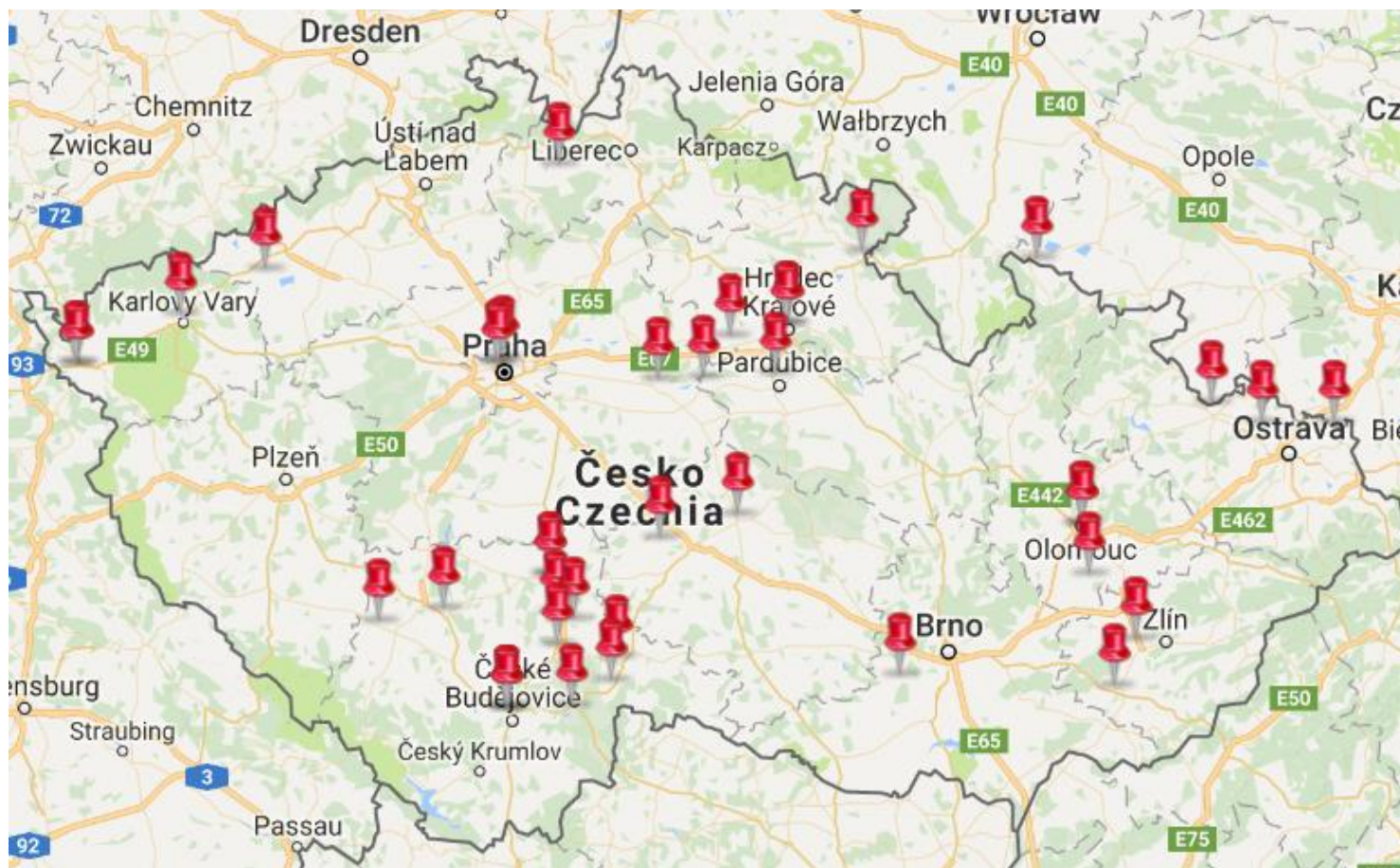
CZ081 MORAVIA-SILESIA REGION

Number positive wild birds and outbreaks

1. 3. 2017



Map HPAI H5N8 positive wild birds



52 HPAI cases in wild birds (H5N8)

- 40 swans
- 8 ducks
- 2 geese
- 2 herons

10. outbreak Blatná

- source – infected bedding

15. outbreak Vlachovo Březí

- source – material contamination from wild birds in the near pond

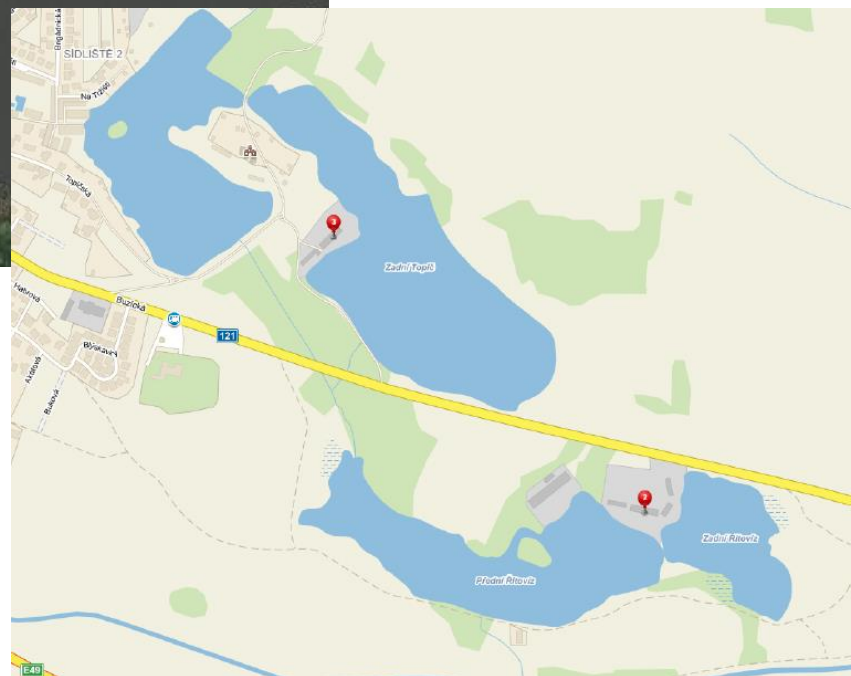
21. outbreak Blatná – farm Mačkovská

- source – infected bedding

36. and 27. outbreaks Zephyr Františkovy Lázně – farms Klest, Poustka

- confirmation 28. 2. 2017 - investigation is ongoing,

Commercial farms - Blatná



Source of infection - back-yard outbreaks

- in all back-yard flocks outbreaks contact with live wild birds



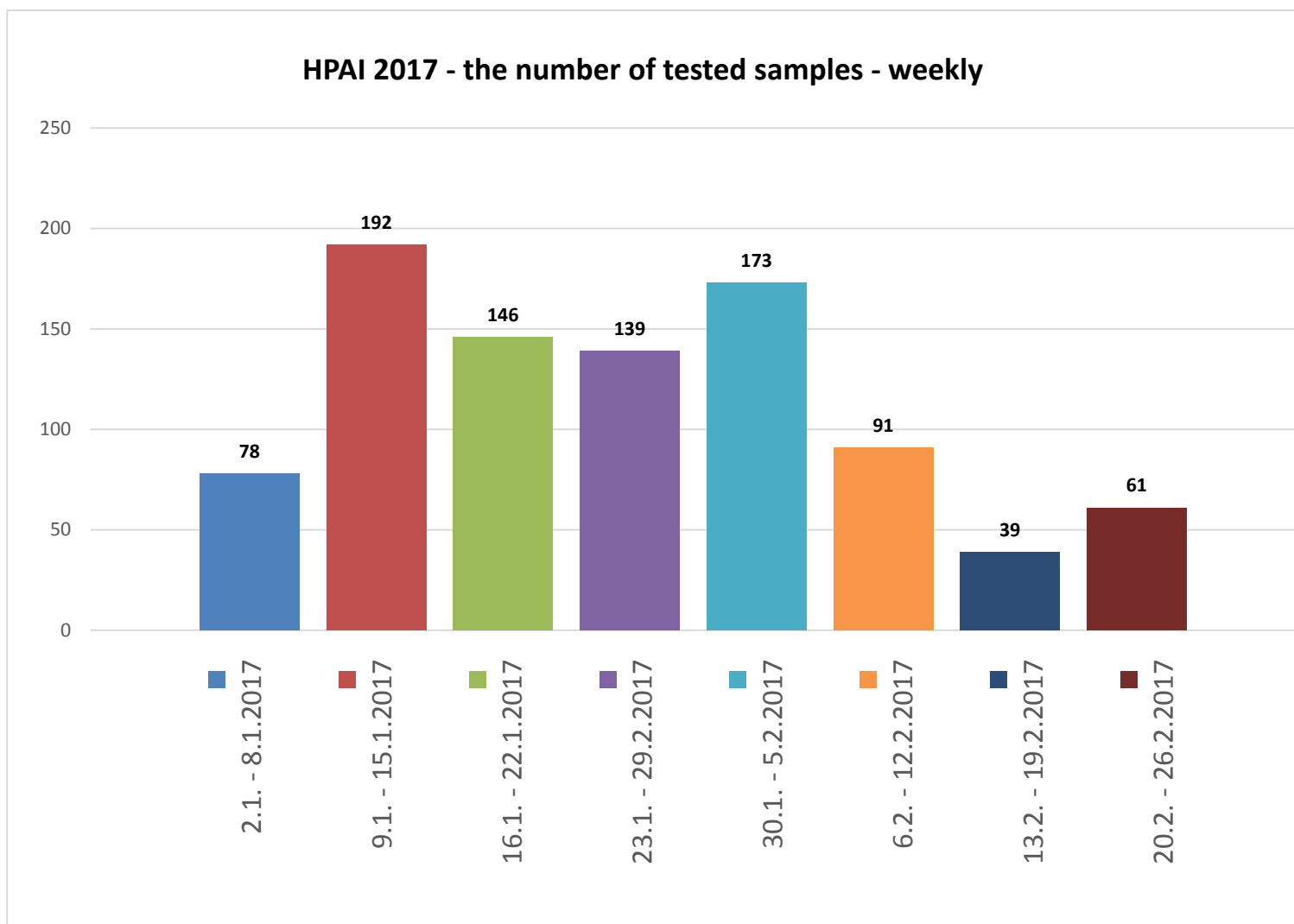
No of culled birds in backyard / commercial farms

Categories	Back-yard flock		Commercial farm	
	Outbreak	Birds	Outbreak	Birds
hens	27	12 889	0	0
ducks	23	9 555	3	44 573
geese	15	464	0	0
turkeys	7	229	0	0
guinea fowls	9	154	0	0
pigeons	4	539	0	0
ostriches	1	9	0	0
quails	2	29	0	0
peacock	1	6	0	0
pheasant	1	86	0	0
exotic birds	1	10	0	0

Till 1.3.2017
culled in total
68 523 birds

- 23 950 birds / 31 outbreaks in backyard and 44 573 birds / 3 outbreaks in commercial holdings
- Last two outbreaks in Karlovy Vary region is not included in the table (culling on 2. 3. 2017 - approx. 30 000 birds pieces)

Till 25. 2. 2017 in total 919 samples tested fo AI



**Thank you
for your attention**