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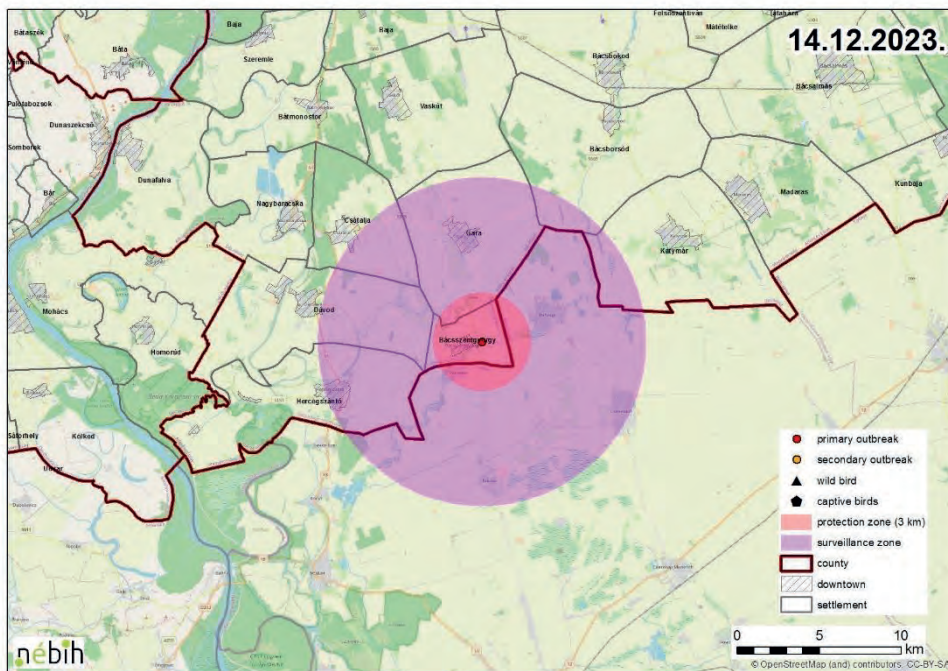
Epidemiological situation and the measures regarding highly pathogenic avian influenza in Hungary

Meeting of the Standing Committee of Plants, Animals, Food and Feed

23rd January, 2024

Primary HPAI outbreaks in Hungary from 14th December 2023

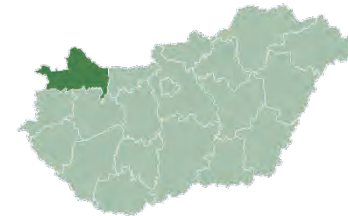
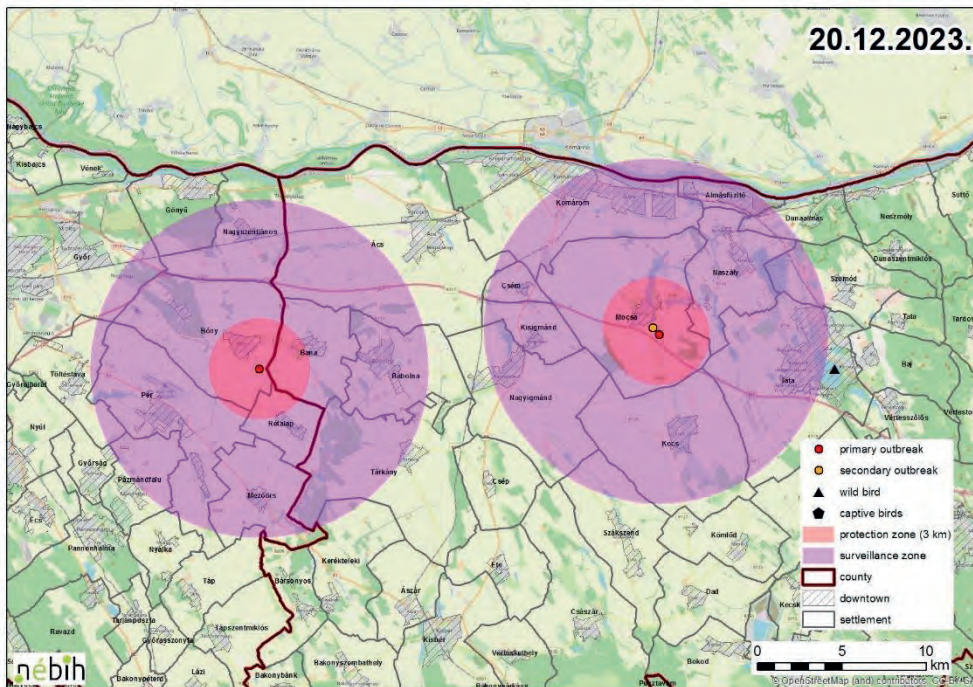
Bács-Kiskun county: 14th December, laying hen holding, 29 249 hens



Strain: H5N1

Primary HPAI outbreaks in Hungary from 14th December 2023

Győr-Moson-Sopron county: 20th December, fattening turkey holding,
26 467 turkeys



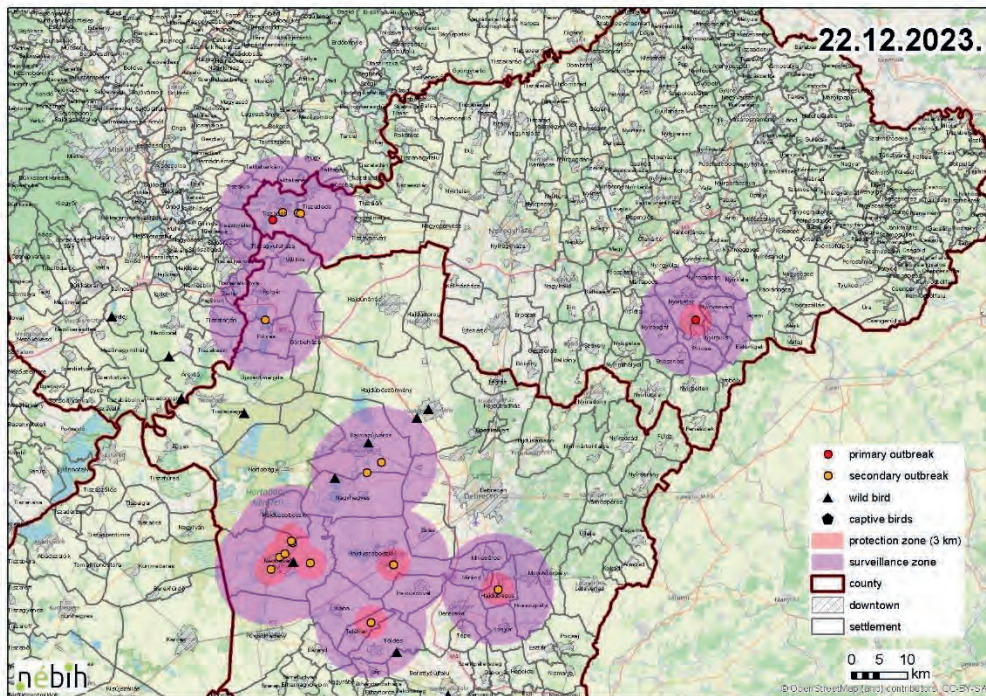
Strain: H5N1



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Primary HPAI outbreaks in Hungary from 14th December 2023

Szabolcs-Szatmár-Bereg county: 22nd December, fattening duck
holding, 114 139 ducks



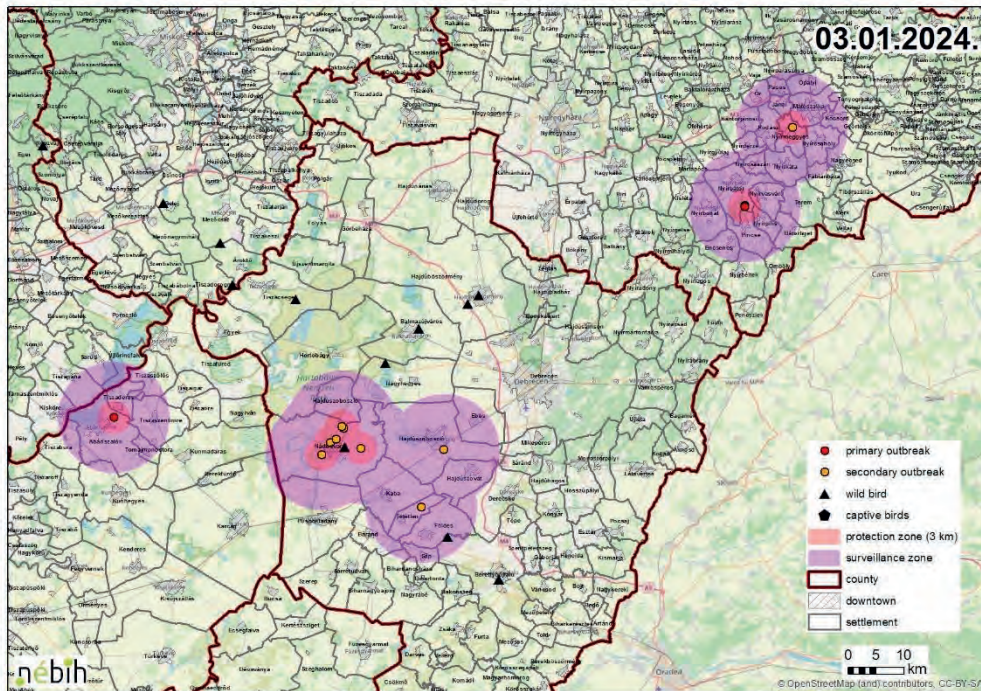
Strain: H5N1



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Primary HPAI outbreaks in Hungary from 14th December 2023

Jász-Nagykun-Szolnok county: 3rd January 2024, pheasant holding, 7
085 pheasants



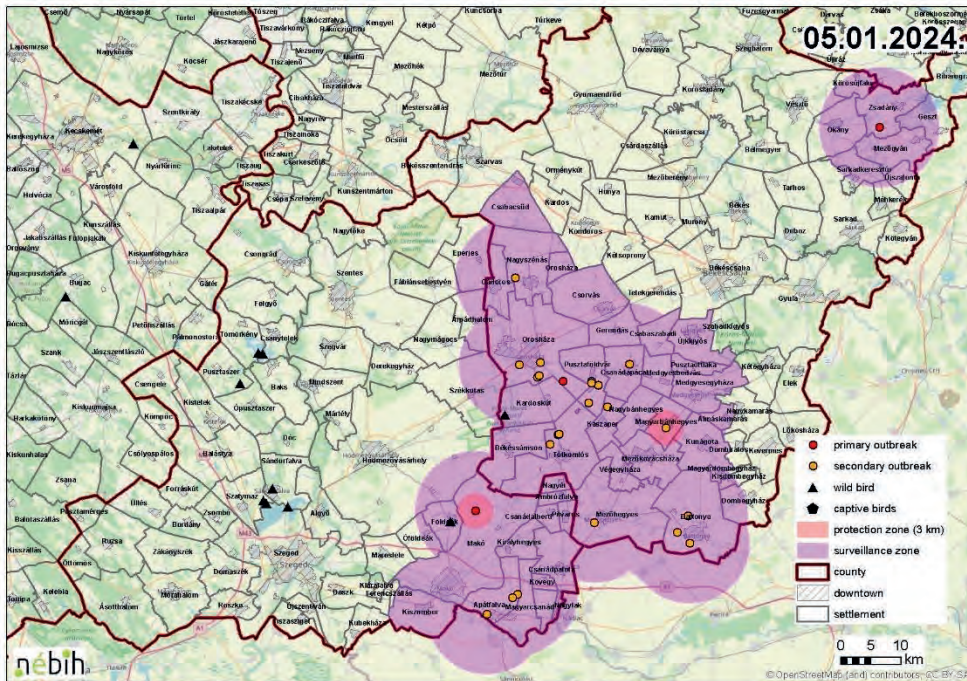
Strain: H5N1



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Primary HPAI outbreaks in Hungary from 14th December 2023

Csongrád-Csanád county: 5th January 2024, backyard holding, 254 poultry



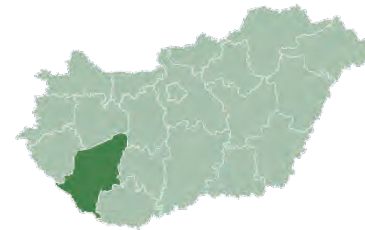
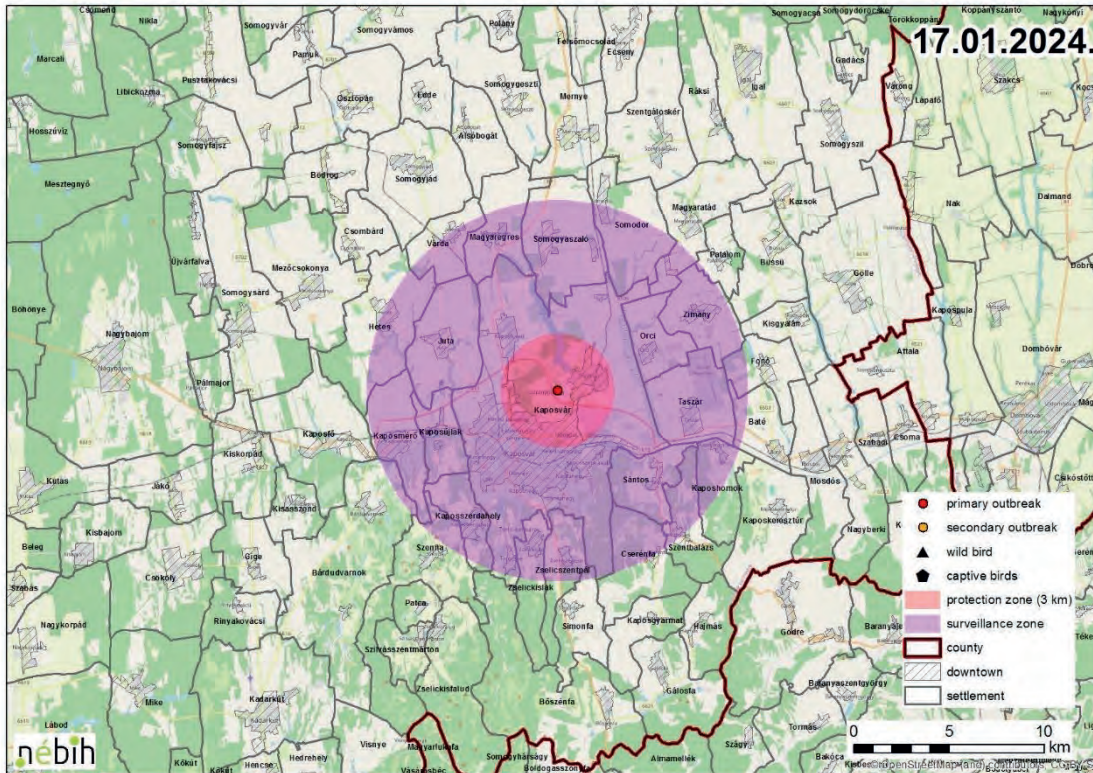
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Primary HPAI outbreaks in Hungary from 14th December 2023

Somogy county: 16th January 2024, fattening turkey, 39 000 turkeys

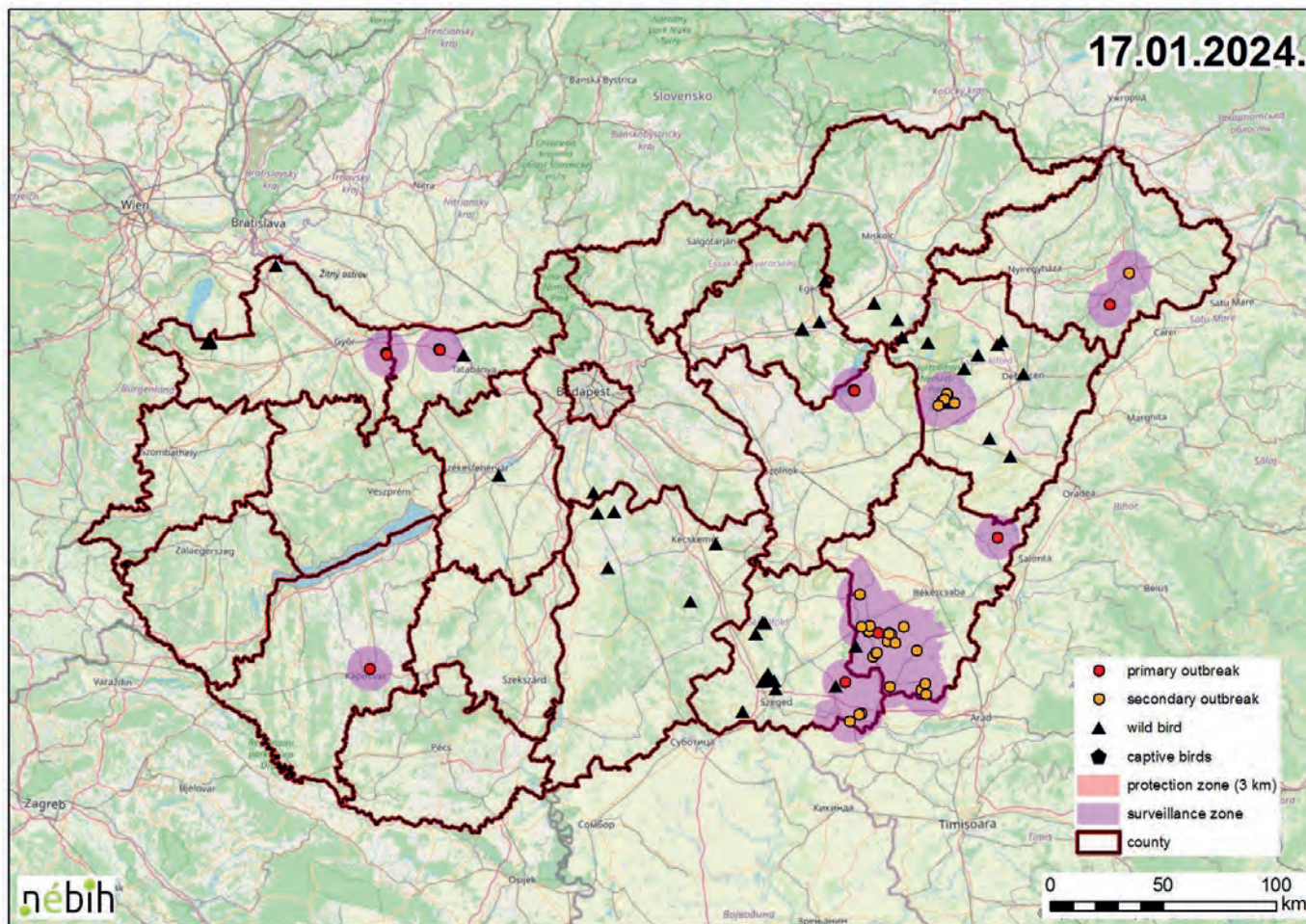


Strain: H5N1



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Current situation





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HPAI in Hungary from the 7th November 2023 until the 18th January 2024

Poultry

- **10 counties affected**
 - Hajdú-Bihar, Szabolcs-Szatmár-Bereg, Bács-Kiskun, Borsod-Abaúj-Zemplén, Csongrád-Csanád, Jász-Nagykun-Szolnok, Békés, Komárom-Esztergom, Győr-Moson-Sopron, Somogy
- **Number of outbreaks: 75**
 - 15 primary and 60 secondary
 - ducks, geese, turkeys, hens, pheasants, mallards

Strain: H5N1



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HPAI in Hungary from the 7th November 2023 until the 18th January 2024

Wild birds

48 wild bird outbreaks (74 wild birds)

- Eurasian teal (*Anas crecca*) (1): 13th October: Hajdú-Bihar county
- Crane (*Grus grus*) (59): 3rd November-4th January: Hajdú-Bihar, Csongrád-Csanád, Pest, Borsod-Abaúj-Zemplén, Bács-Kiskun, Győr-Moson-Sopron
- Greater white-fronted goose (*Anser albifrons*) (4): 23th November-16th December: Győr-Moson-Sopron, Komárom-Esztergom, Fejér, Hajdú-Bihar
- Great egret (*Ardea alba*) (1): 13th December: Borsod-Abaúj-Zemplén
- Grey heron (*Ardea cinerea*) (1): 16th December: Borsod-Abaúj-Zemplén
- Mute swan (*Cygnus olor*) (6): 5-9th January: Heves
- Black-headed gull (*Chroicocephalus ridibundus*) (1): 16th December: Csongrád-Csanád
- Saker falcon (*Falco cherrug*) (1): 6th January: Heves

HPAI in Hungary from the 7th November 2023 until the 18th January 2024

Cranes

- estimated number of dead cranes in Hungary at least 10 000
 - veterinary authority in cooperation with colleagues of National Parks and Bird Life Hungary makes every effort to collect and dispose carcasses
 - there is connection between crane deaths and poultry outbreaks as it seems like the same genotype of the HPAI H5N1 virus is in affected cranes and poultry as well (CH genotype)
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Measures

Recap

- Awareness-raising and information-spreading
 - Stamping out
 - Epidemiological investigation
 - Extended surveillance zone
 - Wild birds
 - Phylogenetic examination
-



Measures

Highlights

- Transport – whole area of Bács-Kiskun, Csongrád-Csanád and Békés – before movement of waterfowls to slaughterhouse (swab – 72 h, have to wait the result)
- Transport – whole country – before technological movement of waterfowls (swab – 72 h, have to wait the result)
- Closed keeping – high risk counties



Measures

Lifting of restricted zones

- 65 protection zones: Bács-Kiskun, Békés, Borsod-Abaúj-Zemplén, Csongrád-Csanád, Hajdú-Bihar, Jász-Nagykun-Szolnok, Komárom-Esztergom, Szabolcs-Szatmár Bereg
- 33 surveillance zones: Bács-Kiskun, Borsod-Abaúj-Zemplén, Csongrád-Csanád, Hajdú-Bihar, Jász-Nagykun-Szolnok, Szabolcs-Szatmár Bereg



Measures

Existing restricted zones

- 10 protection zones: Csongrád-Csanád, Győr-Moson-Sopron, Jász-Nagykun-Szolnok, Somogy, Szabolcs-Szatmár Bereg
- 42 surveillance zones: Békés, Csongrád-Csanád, Győr-Moson-Sopron, Hajdú-Bihar, Jász-Nagykun-Szolnok, Komárom-Esztergom, Somogy, Szabolcs-Szatmár Bereg

Measures

Highlights

- The numbers...

	Birds killed (No)	Establishments (No)
Affected	1 506 692	75
Preventive	26 238	24
Total	1 532 930	99

- And some more...

Number of AI samples (7th -17th January 2024)

County	Dead bird	Swab	Total
Bács-Kiskun	152	59 891	60 043
Baranya		41	41
Békés	158	14 977	15 135
Borsod-Abaúj-Zemplén	63	673	736
Csongrád-Csanád	158	13 504	13 662
Fejér	53	540	593
Győr-Moson-Sopron	32	340	372
Hajdú-Bihar	270	7 497	7 767
Heves	56	443	499
Jász-Nagykun-Szolnok	83	1 976	2 059
Komárom-Esztergom	36	3 038	3 074
Nógrád	10		10
Pest	16	418	434
Somogy	52	104	156
Szabolcs-Szatmár-Bereg	147	8 082	8 229
Tolna		169	169
Vas	4		4
Veszprém	13	36	49
Zala	6	14	20
Total	1 309	111 743	113 052



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Thank you for your attention!

