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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
10th-11th February, 2022



HPAI in Hungary until the 4th February, 2022

Poultry

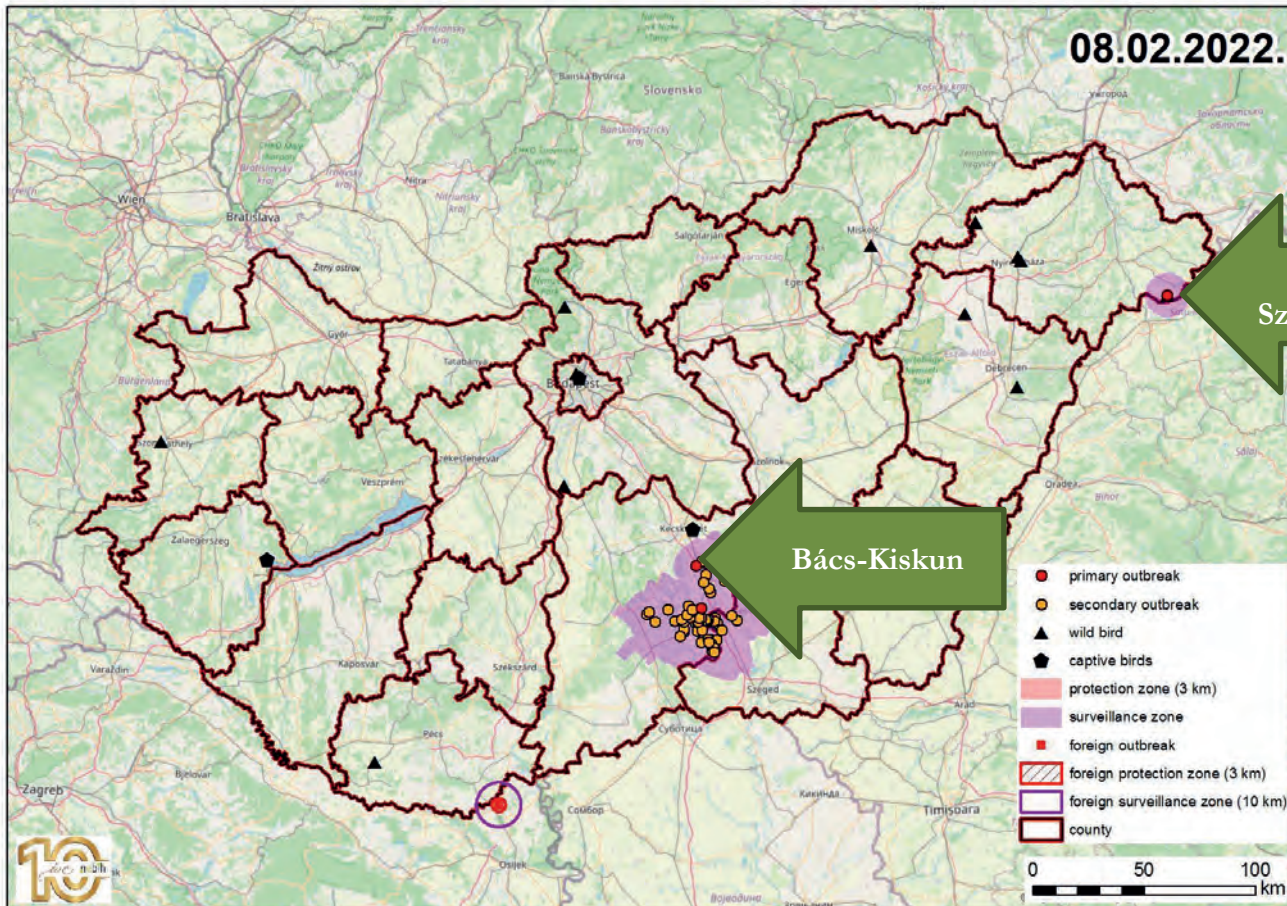
- **5 counties affected (no change since December)**
 - Bács-Kiskun, Békés, Csongrád-Csanád, Hajdú-Bihar, Szabolcs-Szatmár-Bereg
- **Number of outbreaks: 113 (+3; 110 as of the 11th January)**
 - 15 primary and 98 secondary (+2; +1)
 - ducks, geese, turkeys, hens

Strain: H5N1



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Latest primary outbreaks - poultry



Latest primary outbreaks – poultry

Szabolcs-Szatmár-Bereg

- Holding of 37.462 fattening ducks
- Confirmation: 18th January
- Depopulation: completed by the 30th
- Protection & Surveillance zone – overlap to RO territory
 - ANSVSA notified
- Foreseen lifting dates: 11th Feb. (protection), 20th Feb. (surveillance)

Bács-Kiskun

- Holding of 121.000 laying hens
 - Confirmation: 27th January
 - Inside a previously established surveillance zone – no epidemiological connection
 - Depopulation: started on the 28th January - finished on 2nd February
-

HPAI in Hungary until the 4th February, 2022

Captive birds

- no change since the 11th January, 2022 (3 outbreaks)

Strain: H5N1

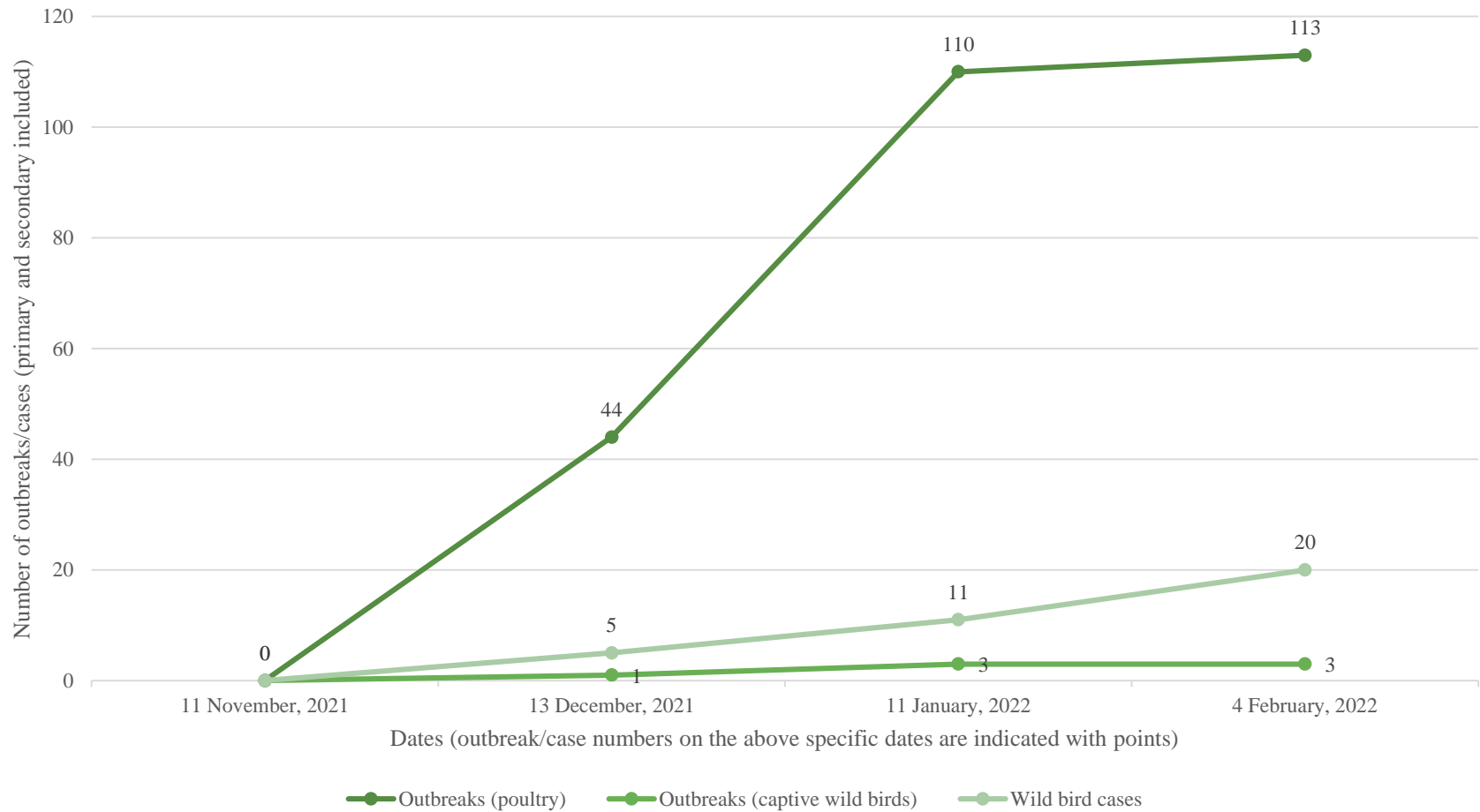
HPAI in Hungary until the 4th February, 2022

Wild birds

- 8 counties (+1): Baranya, Hajdú-Bihar, Pest, Vas, Borsod-Abaúj-Zemplén, Csongrád-Csanád, Szabolcs-Szatmár-Bereg + Komárom-Esztergom
- 20 occurrences (+9): 19 primary and 1 secondary (+9; 0)
 - *Anser albifrons* (2 birds), *Anser fabalis*, *Cygnus olor* (11 birds), *Chroicocephalus ridibundus*, *Corvus frugilegus* (4 birds), *Passer domesticus*, *Asio otus* (2 birds), *Tyto alba*, *Buteo buteo*, *Larus cachinnans*, *Pica pica*

Strain: H5N1

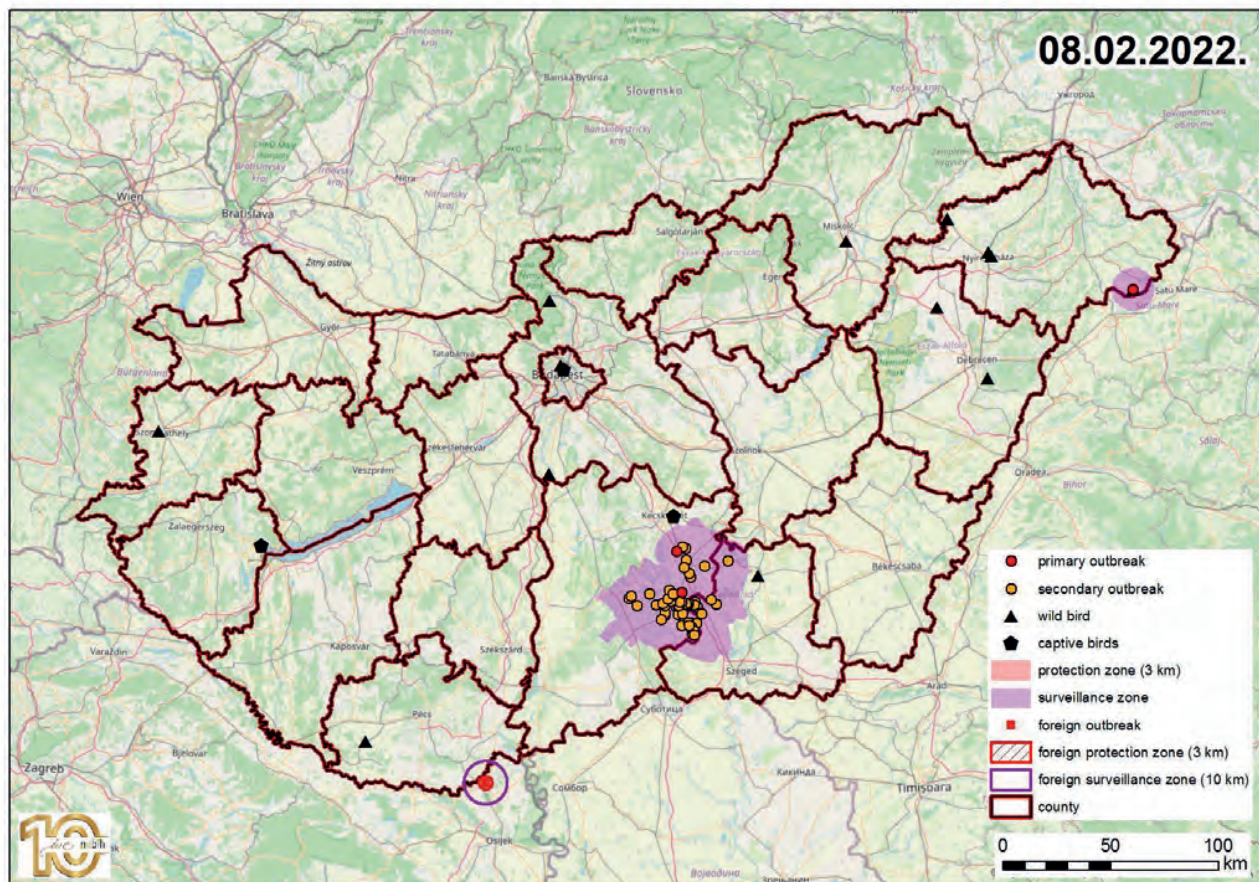
HPAI - disease progression, Hungary





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Current situation





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Measures

RECAP – all measures described in January are still in force

- Restricted zone (enlargement, standstill, preventive killing)
- Transport – free areas of Bács-Kiskun, Csongrád-Csanád (swab – 72 h)
- Closed keeping – high risk counties
- Awareness-raising and information-spreading
- Preventive killing
- Wild birds
- Vaccination of birds kept in zoos: vaccination campaign will commence next week

Measures

Highlights

- The numbers...

	Birds killed (No)	Compared to January	Establishments (No)	Compared to January
Affected	1 882 257	+103 865	114 (incl. 1 captive)	+3
Preventive	394 638	+19 911	78	+9
Total	2 276 895	+123 776	192	+12

- And some more...

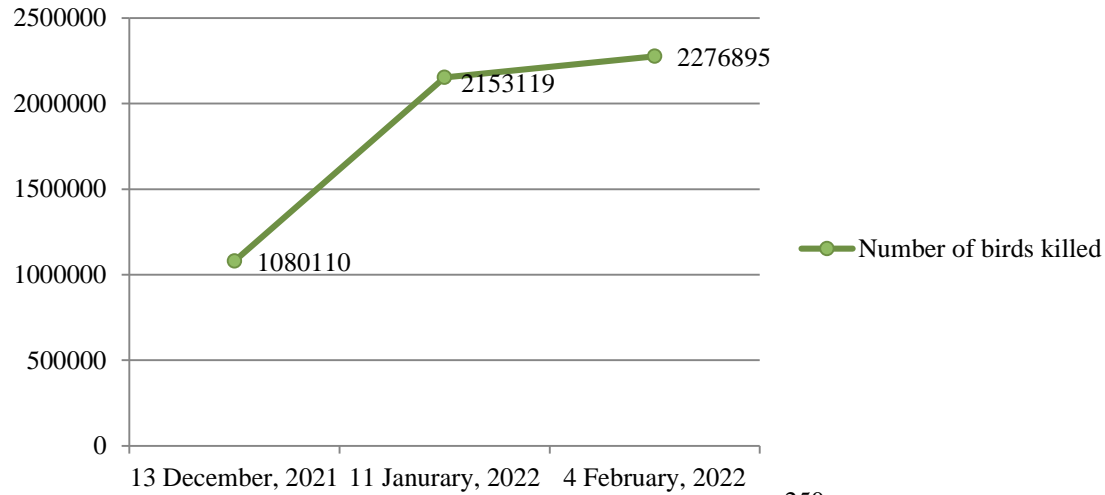
Number of AI samples (1st November – 3rd February, 2022)

County	Dead bird	Comp. to Jan.	Swab	Comp. To Jan.	Total	Comp. to Jan.
Bács-Kiskun	1 167	+168	79 073	+14 254	80 240	+14 422
Baranya	39	+24	70	+60	109	+84
Békés	73	+4	8 693	+2 800	8 766	+2 804
Borsod-Abaúj-Zemplén	33	+7	102	+21	135	+28
Csongrád-Csanád	399	+2	23 785	+2 770	24 184	+2 772
Fejér	9	+1	50	0	59	+1
Győr-Moson-Sopron	5	+2	77	+46	82	+48
Hajdú-Bihar	112	+26	4 352	+1 042	4 464	+1 068
Heves	20	0	56	+40	76	+40
Jász-Nagykun-Szolnok	66	+22	1 481	+720	1 547	+742
Komárom-Esztergom	25	+5	42	+4	67	+9
Nógrád	13	+4		0	13	+4
Pest	24	+11	729	+112	753	+123
Somogy	84	+13	4	+4	88	+17
Szabolcs-Szatmár-Bereg	183	+73	6 368	+2 292	6 551	+2 365
Tolna	9	+6	50	0	59	+6
Vas	105	+98	43	0	148	+98
Zala	138	+97	12	0	150	+97
Total	2 504	+563	124 987	+24 165	127 491	+24 728

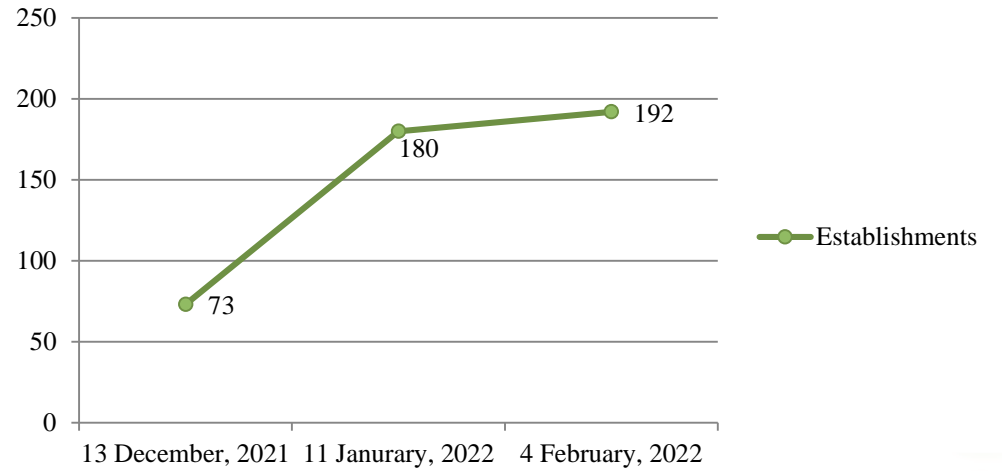


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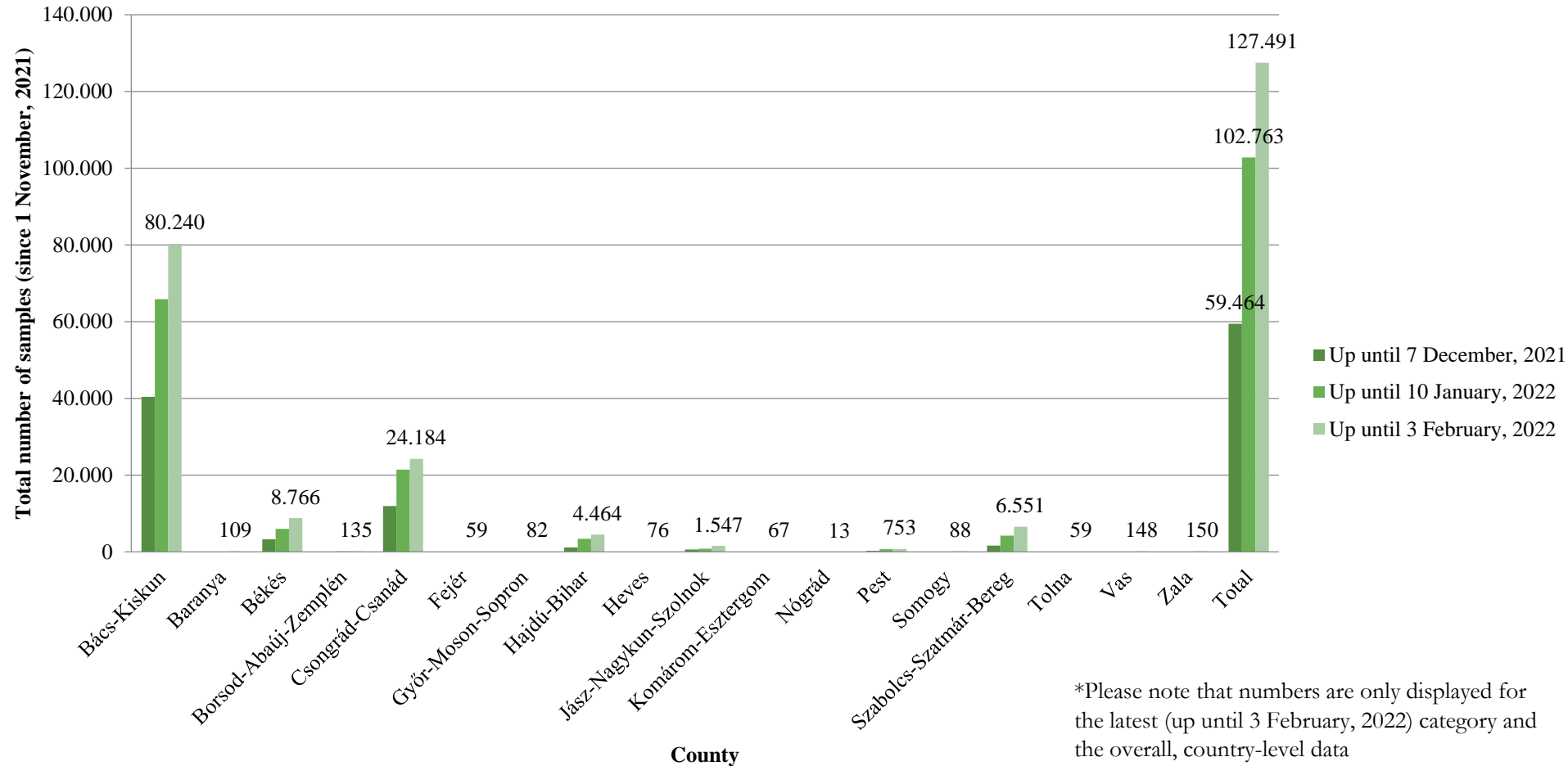
Number of birds killed



Establishments



AI samples - Hungary





Measures

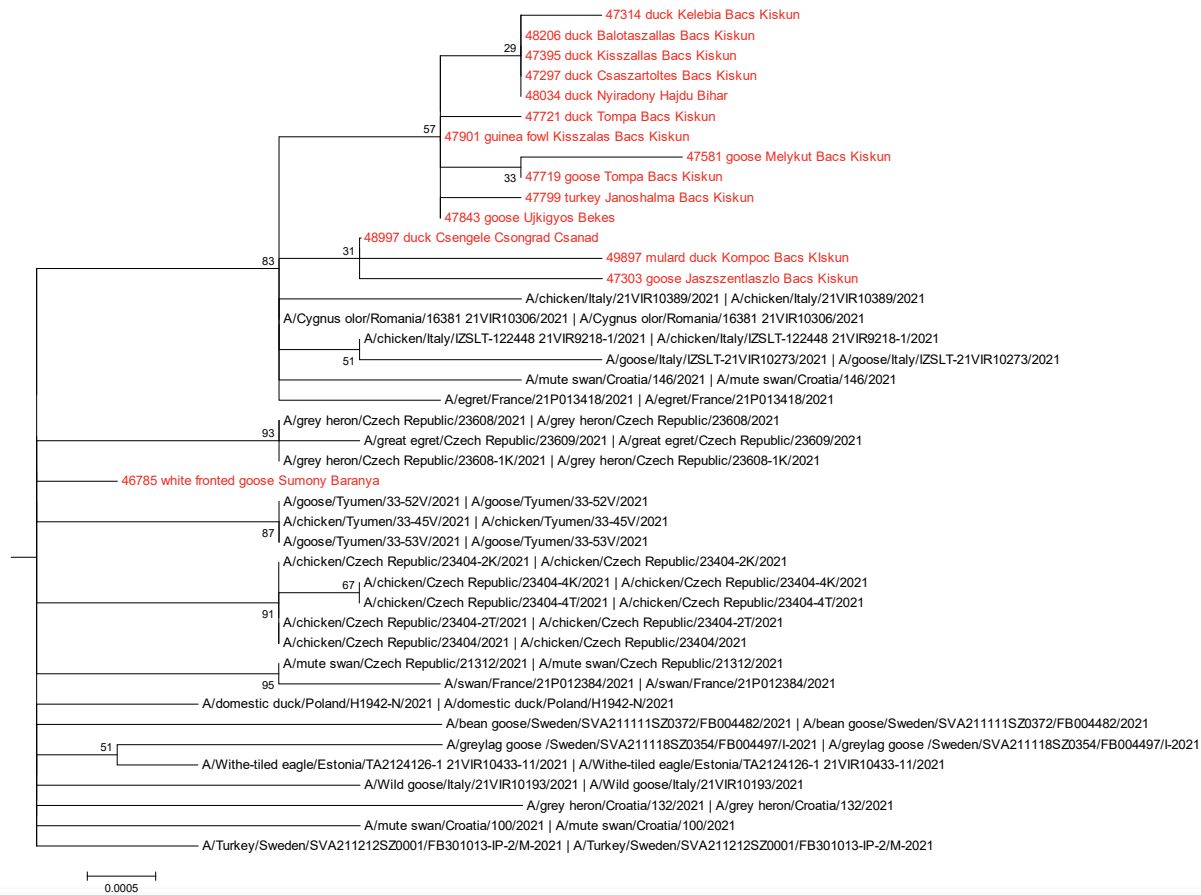
Highlights

- Preliminary cleaning and disinfection performed: all affected establishments
- Epidemiological investigations – ongoing
 - Phylogenetic examination:
 - AIV present in Europe since October, 2021 – three sources
 - Developed from strains introduced into Europe back in 2020
 - Arrived from Russia (Saratov) in the autumn of 2021
 - Arrived from Russia (Tyumeny) in the autumn of 2021
 - Strains present in Hungary – part of three bigger groups
 - index case ~ Russian
 - Bács-Kiskun+Békés, Csongrád-Csanád ~ Italian, Croatian and Romanian
 - Szabolcs-Szatmár-Bereg ~ Italian and Polish
 - Figure: next slide



Measures

Highlights



*Strains present in Hungary are indicated in red



Measures

Highlights

- Lifting of restricted zones – indicating the county (since last month)
 - Protection: Bács-Kiskun, Csongrád-Csanád (all except the last – Kunszállás), Szabolcs-Szatmár-Bereg
 - Surveillance: Bács-Kiskun, Csongrád-Csanád, Szabolcs-Szatmár-Bereg, Békés
- Technological movement of waterfowls – within surveillance zones of B-K and Cs-Cs, except: administrative units of Kiskunfélegyháza, Kunszállás, Fülöpjakab and Városföld
 - Since the 2nd February



Measures

Highlights

- Stocking, restocking
 - Prohibited in restricted areas
 - Bács-Kiskun, Csongrád-Csanád
 - Stocking: self-assessment document → on-site inspection based on risk-assessment (district authority) → permit
 - Re-stocking: always on-site inspection (district authority) – dedicated checklist + verification of self-assessment document – attestation (approval) → county authority: permit



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Thank you for your attention!

