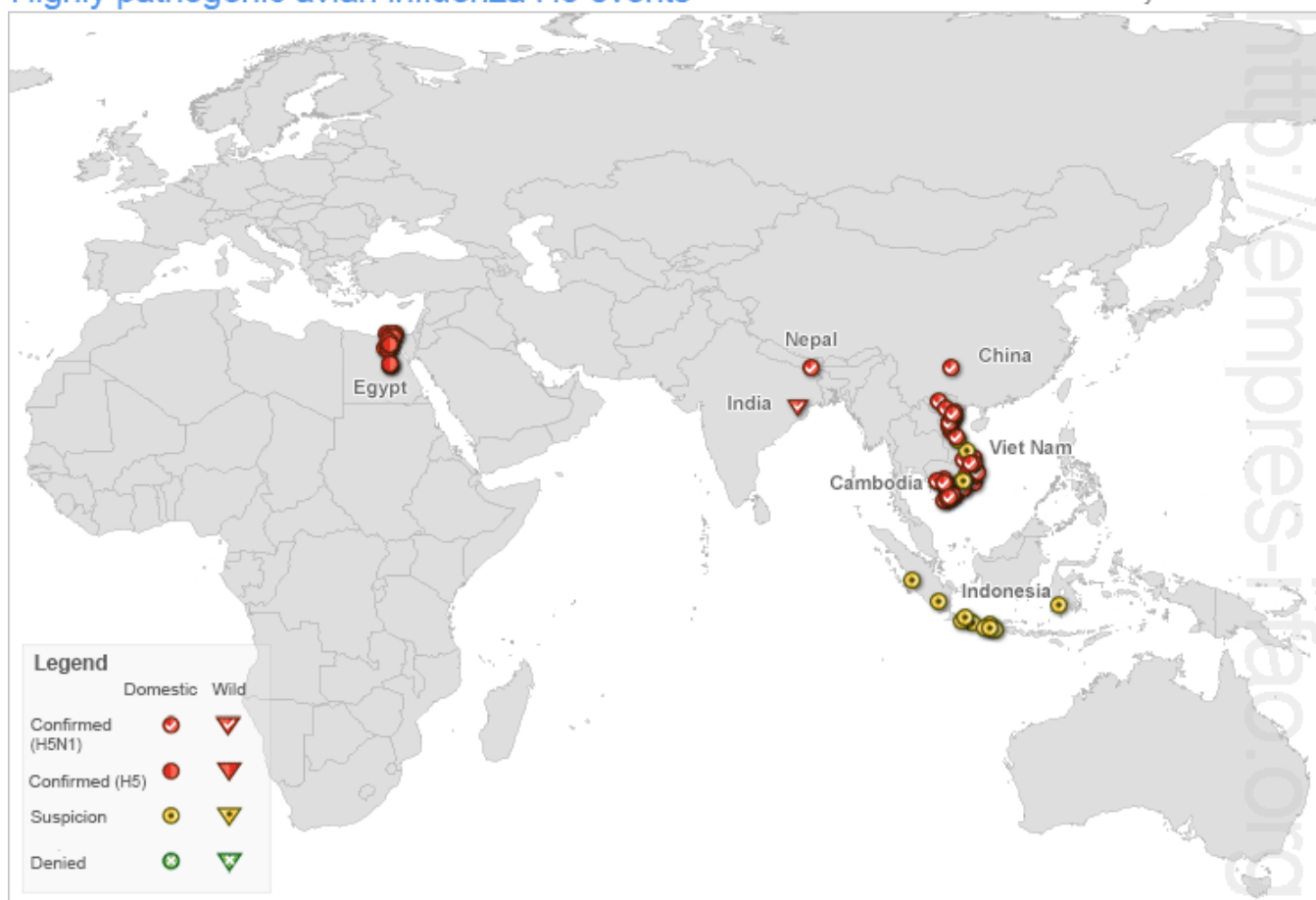


Highly pathogenic avian influenza H5 events

06 February - 6 March 2014



Note: A map of H5 HPAI events during the latest six months is shown on the last page. Information on avian influenza A (H7N9) and other influenza types are not included in this map. **Source:** FAO's Global Animal Health Information System <http://empres-fao.org/empres-i/home>

The current map still displays only cases of H5 highly pathogenic avian influenza. We are in a transition phase towards the production of new maps representing all relevant animal influenza cases/outbreaks.

WHAT'S NEW in this issue?

AFRICAN REGION

Egypt (endemic)

- Confirmed H5 HPAI outbreaks in poultry (Asyut, Gharbia, Giza and Sharqia)

ASIAN REGION

Cambodia (endemic)

- Confirmed H5N1 infection in humans (Kampong Cham)
- Confirmed H5N1 HPAI outbreak in poultry (Phnom Penh)

China (emerging)

- Confirmed H7N9 positive findings in poultry and environmental (associated with poultry) samples (Guangdong, Hunan, Jilin and Zhejiang)
- Confirmed H7N9 infection in humans (Guangdong, Hunan, Jiangsu, Zhejiang)
- Additional information on confirmed H7N9 infection in a human, including H7N9 infection in chickens (Guangdong)

Indonesia (endemic)

- Suspected H5N1 HPAI outbreak in poultry (Yogyakarta)

Republic of Korea (emerging)

- Confirmed H5N8 HPAI outbreaks in poultry (Jeollanam-do)
- Additional information on confirmed H5N8 HPAI outbreaks in poultry (Chungcheongbuk-do, Chungcheongnam-do, Gyeonggi-do, Jeollabuk-do, Jeollanam-do)

Viet Nam (endemic)

- Confirmed H5N1 HPAI outbreaks in poultry (Ba Ria-Vung Tau, Binh Duong, Gia Lai, Hung Yen, Ninh Thuan, Soc Trang)
- Additional information on H5N1 HPAI outbreaks in poultry (Gia Lai, Hai Duong, Hung Yen, Soc Trang)

EUROPEAN REGION

Netherlands (sporadic)

- Confirmed H5N1 LPAI detection in poultry (Flevoland)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION

Egypt

OFFICIAL

04/03/2014 – Confirmed H5 HPAI outbreaks in poultry in Asyut, Gharbia, Giza and Sharqia (FAO Field Officer)

Between 20 February and 1 March 2014, a total of seven H5 HPAI outbreaks were detected in Asyut (2 outbreaks), Gharbia (1), Giza (3) and Sharqia (1) Governorates. All outbreaks occurred in un-vaccinated poultry; one outbreak was in a commercial poultry farm, with 1 000 waterfowl (ducks, geese) reported as passive surveillance, and the other six outbreaks were in household poultry (chickens, ducks), detected through Community Based Animal Health Outreach (CAHO).

25/02/2014 – Confirmed H5 HPAI outbreaks in poultry in Asyut, Beni-Suef, Dakahlia, Faiyum, Qalyubia, Sharqia (FAO Field Officer)

Between 13 and 22 February 2014, a total of seven H5 HPAI outbreaks were detected in Asyut (1), Beni-Suef (1), Dakahlia (1), Faiyum (2), Qalyubia (1), Sharqia (1) Governorates. All outbreaks occurred in un-vaccinated household poultry (chickens, ducks and geese) and were detected through Community Based Animal Health Outreach (CAHO), except for the outbreak in Faiyum, which was reported through passive surveillance.

ASIAN REGION

Cambodia

OFFICIAL

27/02/2014 – Confirmed H5N1 infection in humans, Kampong Cham (National authorities)

The Ministry of Health (MoH) reported that two new human cases of influenza H5N1 infection have been confirmed. These are the 4th and 5th cases this year:

A 10-year-old girl from Rorveang Village, Knor Damborng Commune, Cheung Prey District, Kampong Cham (Tboung Khmun) Province, the onset of illness was on 26 January 2014, and H5N1 was confirmed on 20 February. She had direct exposure with dead and sick poultry. Sudden deaths of domestic ducks occurred in the patient's village, around 15 January. The mother of the patient bought sick/dead ducks on 25 January 2014, and were prepared for food with the help of the patient.

An 11-year-old girl from La Ork Village, Krek Commune, ponhea Krek District, Kampong Cham (Tboung Khmun) Province, the onset of illness was on 9 February and H5N1 was confirmed on 20 February. From 7 to 10 February, all (30) chickens owned by the family died around the house.

<http://www.cdcmoh.gov.kh/PressRelease/51-52-PressRelease.Eng.pdf>

27/02/2014 – Confirmed H5N1 HPAI outbreak in poultry, Phnom Penh (FAO Field officer)

H5N1 HPAI was detected in three carcasses (goose, duck and chicken) submitted for testing on 24 February 2014, from the Cambodian Agriculture Research and Development Institute (CARDI) in a suburb of Phnom Penh City.

26/02/2014 – Confirmed H5N1 HPAI outbreaks in poultry, Kampong Speu and Kandal (National authorities; OIE; FAO Field Officer)

Outbreaks of H5N1 HPAI occurred in southern provinces of Kampong Speu and Kandal. In Kampong Speu Province, backyard chickens in Pim Leveah Village, Tropeung Chon Commune, Orall District, were affected: 210 out of 450 chickens have died; and in Kandal province, two household duck flocks in Tuol Son Kae Village, Kampong Kong Commune, Koh Tom District, were affected, a total of 200 out of 250 ducks have died. The remaining population in both outbreaks were destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=Ma pFullEventReport&reportid=14842

China

OFFICIAL

28/01/2014 – Confirmed H7N9 positive findings in poultry and environmental samples, Guangdong, Hunan, Jilin and Zhejiang (National authorities and OIE)

H7N9 positive findings in pathological specimens collected from apparently healthy chickens in Chengbei live bird market*, Shuangfeng County, Loudi City, and Gelin new city live bird market, Changsha City, Hunan Province, were reported to OIE.

In addition, 8 out of 255 serum samples (3.14%) collected from 9 locations in Jilin Province; 1 out of 2,713 serum samples (0.04%) collected from 223 locations in Zhejiang Province; 32 out of 6 191 serum samples (0.52%) and 3 out of 1820 pathological samples (0.16%, 2 samples from Jinshabeilu farmers market, Liuyang City and 1 sample Chengbei market*, Shuangfeng County, Loudi City) collected from 427 locations in Hunan Province; 3 out of 90 virological samples (3.33%) collected from poultry in Baijiadazhong wholesale market in Doumen District, Zhuhai City, Guangdong Province, tested positive for H7 (serology) and H7N9 (pathology), respectively. The seropositive samples were all from backyard farms, eight locations in total.

[*same sampling]

http://www.sylj.moa.gov.cn/dwyqdt/jczt/201403/t20140305_3804952.htm

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=Ma pFullEventReport&reportid=14852

28/02-06/03/2014 – Confirmed H7N9 infection in humans, Guangdong, Hunan, Jiangsu, Shandong, Zhejiang and Hong Kong SAR (National authorities and WHO)

A total of nine human cases were reported during the past week (from 27 February 2014 12:00 GMT to 6 March 2014 12:00 GMT):

Guangdong 3 (Foshan 1, Guangzhou 1, Zhuhai 1), Zhejiang 2 (Jinhua 2), Hunan 1 (Chenzhou 1) Jiangsu 1 (Xuzhou 1), Shandong 1 (Tai'an 1) Provinces and Hong Kong SAR 1. Of the nine cases, the two cases in Zhejiang are six- and seven-year-old children and are in serious condition; the case in Hong Kong SAR is a 1.5-year-old baby, who visited Foshan City prior to the onset of illness; the case in Shandong worked in Jiangsu, and returned home in Shandong for treatment after the onset of illness.

<http://www.gdwst.gov.cn/>

<http://www.zjwst.gov.cn/>

<http://www.21hospital.com/zwxx/wsyw2/>

<http://www.jsdst.gov.cn>

<http://www.sdws.gov.cn/html/2014/3/4/201403042215567181.html>

<http://www.chp.gov.hk/en/content/599/33742.html>

<http://www.who.int/csr/don/en/>

20/02-27/02/2014 – Confirmed H7N9 infection in humans, Guangdong, Hunan, Jiangsu, Zhejiang (National authorities)

A total of 15 human cases were reported during the past week (From 20 February 2014 12:00 GMT to 27 February 2014 12:00 GMT): Guangdong 10 (Guangzhou 5, Foshan 2, Jiangmen 2, Zhaoqing 1), Hunan 2 (Yongzhou 2), Jiangsu 1 (Huaian 1), Jilin 1 (Changchun 1), Zhejiang 1 (Jinhua 1).

<http://www.who.int/csr/don/archive/year/2014/en/>

http://wsjsw.jl.gov.cn/wx/wxfb/201402/t20140221_1618980.html

<http://www.gdwst.gov.cn>

<http://www.21hospital.com>

<http://www.jsdst.gov.cn>

<http://www.zjwst.gov.cn/col/col362/index.html>

25/02/2014 – Confirmed H5 infection in a human, Hunan (National authorities)

The National Health and Family Planning Commission reported a human case of avian influenza A (H5) in Hunan. The patient is a 5-year-old girl, who recovered and has been discharged from hospital.

<http://www.chp.gov.hk/en/content/599/33581.html>

14/02-20/02/2014 – Confirmed H7N9 infection in humans, Anhui, Guangdong, Honk Kong SAR, Hunan, Jiangsu (National authorities)

A total of 14 human cases were reported during the past week (From 14 February 2014 12:00 GMT to 20 February 2014 12:00 GMT):

Guangdong 6 cases (Guangzhou 3, Foshan 1, Jiangmen 1, Shenzhen 1), Hunan 3 (Changsha 1, Loudi 1, Shaoyang 1), Anhui 3 (Hefei 1, Huaining 1, Xuancheng 1) and Jiangsu 1 (Huai'an 1) Provinces, and Honk Kong SAR (1).

http://www.who.int/csr/don/2014_02_18/en/

<http://www.gdwt.gov.cn>

<http://www.ahwt.gov.cn>

<http://www.21hospital.com>

<http://www.jswt.gov.cn>

<http://www.info.gov.hk>

NON-OFFICIAL

06/03/2014 – Additional information on confirmed H7N9 infection in a human including H7N9 infection in chickens, Guangdong (media)

On 5 March 2014, Guangdong Province reported a new case of H7N9 avian influenza human infection. The patient [75-year-old male] developed symptoms on 19 February 2014 and had live chickens raised at home. The authorities detected H7N9 avian influenza virus from these chickens, thus live poultry in their homes were identified as the source of infection.

http://news.dayoo.com/china/57400/201403/06/57400_110703304.htm

India

21/02/2014 – Confirmed H5N1 infection in wild birds, Orissa (National authorities; OIE)

H5N1 infection in two house crows (*Corvus splendens*) have been confirmed. Carcasses of two crows were found positive for H5N1 by virus isolation, RT-PCR and Real-time RT-PCR.

http://www.dahd.nic.in/dahd/WriteReadData/Weekly%20report%2016_02_2014%20-%20email.pdf

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MaFullEventReport&reportid=14814

Indonesia

NON-OFFICIAL

06/03/2014 – Suspected AI outbreaks in poultry, Yogyakarta (media) Google Translation

Department of Agriculture and Forestry, Bantul Regency found the death of thousands of birds in Trimulyo, Jetis, Bantul Regency, Yogyakarta Special Region, which tested positive for Avian Influenza virus by rapid test. This was the first case that occurred this year [2014]; 16 cases occurred in this area last year.

<http://www.harianjogja.com/baca/2014/03/06/unggas-mati-di-bantul-positif-flu-burung-494149>

16-25/02/2014 – Suspected H5N1 HPAI outbreaks in poultry, Central Java, South Sulawesi, South Sumatra (media) Google Translation

Central Java: At least 70 chickens died suddenly within the last four days [from 25 February] in Banaran neighbourhood Wonoboyo Village Wonogiri Subdistrict and Ngadirejo Village, Eromoko Subdistrict of Wonogiri Regency due to positive for the AI virus.

<http://www.koran-o.com/2014/peristiwa/flu-burung-70-ekor-ayam-kampung-mendadak-mati-49677>

South Sulawesi: Dozens of chickens in Bone, Maros Regency died suddenly, tested positive for H5N1.

<http://daerah.sindonews.com/read/2014/02/24/25/838728/ayam-mati-mendadak-di-bone-positif-flu-burung>

South Sumatra: An outbreak of avian influenza attacked hundreds of chickens. East Ogan Komering Ulu Regency, South Sumatra Province and Way Kanan Regency, Lampung Province died suddenly, H5N1 virus infection is suspected.

<http://www.metrotvnews.com/metronews/video/2014/02/20/6/191612/Flu-Burung-Serang-Peternak-Ayam-dan-Unggas-di-Sumsel-dan-Lampung>

Nepal

26/02/2014 – Confirmed H5N1 HPAI outbreak in poultry, Koshi (National authorities; OIE; FAO Field Officer)

Outbreak of H5N1 HPAI was confirmed in a commercial layer chicken farm with deep litter system in eastern district of Sunsari in Koshi Zone, 570 out of 2 000 chickens have died and the remaining population were destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MaFullEventReport&reportid=14843

Republic of Korea

OFFICIAL

04/03/2014 – Confirmed H5N8 HPAI outbreaks in poultry, Jeollanam-do (National Authorities) Google Translation

Between 24 February and 4 March 2014, one new outbreak of H5N8 HPAI has been detected in a breeding duck farm in Jeollanam-do, making the total number of confirmed outbreaks to 26. Regarding wild birds, a total of 348 samples have been tested so far, and H7N8 was confirmed in 32 samples. A total of 6 985 000 birds have been culled so far; another 165 000 are to be destroyed.

http://www.mafra.go.kr/list.jsp?&newsid=155445423§ion_id=b_sec_1&pageNo=1&year=2014&listcnt=10&board_kind=C&board_skin_id=C3&depth=1&division=B&group_id=3&menu_id=1125&reference=&parent_code=3&popup_yn=&tab_yn=N

28/02/2014 - Additional information on H5N8 HPAI outbreaks in poultry, Chungcheongbuk-do, Chungcheongnam-do, Gyeonggi-do, Jeollabuk-do, Jeollanam-do (OIE)

A total of 12 outbreaks of H5N8 HPAI in Chungcheongbuk-do (2), Chungcheongnam-do (3), Gyeonggi-do (1), Jeollabuk-do (2) and Jeollanam-do (4), occurring between 28 January and 26 February 2014, have been reported to OIE.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MaFullEventReport&reportid=14847

25, 26/02/2014 – Confirmed H5N8 HPAI outbreaks in poultry, Chungcheongbuk, Chungcheongnam, Gyeonggi; a suspected outbreak in Jeollanam (National Authorities)

Between 17 and 23 February 2014, four new outbreaks of H5N8 HPAI have been reported in poultry in Chungcheongbuk-do (1), Chungcheongnam-do (2) and Gyeonggi-do (1); and a suspected outbreak has been reported in Jeollanam-do.

http://www.mafra.go.kr/list.jsp?&newsid=155445401§ion_id=b_sec_1&pageNo=1&year=2014&listcnt=10&board_kind=C&board_skin_id=C3&depth=1&division=B&group_id=3&menu_id=1125&reference=&parent_code=3&popup_yn=&tab_yn=N

http://www.mafra.go.kr/list.jsp?&newsid=155445410§ion_id=b_sec_1&pageNo=1&year=2014&listcnt=10&board_kind=C&board_skin_id=C3&depth=1&division=B&group_id=3&menu_id=1125&reference=2&parent_code=3&popup_yn=N&tab_yn=N

Viet Nam

OFFICIAL

28/02 – 06/03/2014 – Confirmed H5N1 HPAI outbreaks in poultry, Ba Ria-Vung Tau, Binh Duong, Gia Lai, Hung Yen, Ninh Thuan, Soc Trang (DAH/MARD) Google Translation

From 27 February to 5 March 2014, new outbreaks have been reported in six provinces: on 27 February, outbreaks were reported in 2 communes in, Tan Thanh and Xuyen Moc Districts, Ba Ria-Vung Tau Province, the clade was 2.3.2.1.C.; on 28 February 2014, in Cam Che Commune, Thanh Ha District, Hai Duong Province; on 28 March 2014, in 2

communes in Nga Nam and Cu Lao Dung Districts, Soc Trang Province; on 1 March, in commune Dak Po, Gia Lai Province; on 1 March, in two duck farms in Dai Tu Village, Dai Dong Commune, Van Lam District, Hung Yen Province; on 2 March, in Tra Vinh Province and Vinh Long Province; on 3 March, in two communes of Tan Uyen District and Thuan An Town of Binh Duong Province; on 5 March, in Phuoc Thai commune, Ninh Phuoc District, Ninh Thuan Province. As of 4 March 2014, 63 localities in 22 provinces are affected by H5N1 HPAI.

<http://www.cucthuy.gov.vn/Pages/news.aspx?CategoryId=8>

06/03/2014 – Additional information on confirmed H5N1 HPAI outbreaks in poultry, Gia Lai, Hai Duong, Hung Yen, Soc Trang (National Authorities, OIE)

A total of 4 outbreaks of H5N1 HPAI in Gia Lai, Hai Duong, Hung Yen, Soc Trang Provinces occurred between 27 February and 1 March 2014 and have been reported to OIE.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=14870

27/02/2014 – Confirmed H5N1 HPAI outbreaks in poultry, Central Highlands, Mekong Delta, North Central Coast, Northeast, Red River Delta, South Central Coast, Southeast Regions (DAH/MARD) Google Translation

Currently, 77 localities in 21 provinces, in 7 out of 8 of Viet Nam's regions are affected with H5N1 HPAI, namely: Northeast Region (Lao Cai, Phu Tho Provinces), Red River Delta Region (Nam Dinh), North Central Coast Region (Quang Binh, Ha Tinh, Nghe An, Thanh Hoa), South Central Coast Region (Binh Dinh, Khanh Hoa, Phu Yen, Quang Ngai), Central Highlands Region (Dak Lak, Kon Tum), Southeast Region (Ba Ria-Vung Tau, Tay Ninh), Mekong Delta Region (Ca Mau, Bac Lieu, Can Tho, Long An, Tra Vinh, Vinh Long). According to the Department of Animal Health (DAH), clade 2.3.2.1C came into the southern provinces in late 2013 through early 2014 (before, clade 1.1 was circulating in the southern provinces), possibly through the movement of poultry from north to south, which then spread through duck herds and resulted in the emergence and the circulation of 2.3.2.1C in the Mekong River Delta.

http://www.cucthuy.gov.vn/Pages/news_detail.aspx?NewsId=348

22, 25/02/2014 – additional information on H5N1 HPAI outbreaks in poultry, Ba Ria-Vung Tau, Nghe An, Ha Tinh, Quang Binh, Can Tho, Vinh Long, Thanh Hoa, Phu Tho, Binh Dinh, Tra Vinh, Bac Lieu (National Authorities, OIE)

An additional 11 outbreaks have occurred between 16 and 24 February 2014, in Ba Ria-Vung Tau, Nghe An, Ha Tinh, Quang Binh, Can Tho, Vinh Long, Thanh Hoa, Phu Tho, Binh Dinh, Tra Vinh, Bac Lieu Provinces were reported to OIE.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=14834

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=14822

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=14816

NON-OFFICIAL

20/02/2014 – Suspected H5N1 HPAI outbreaks in poultry, Lam Dong (media) Google Translation

Department of Agriculture and Rural Development of Cat Tien District, Lam Dong Province said on 19 February 2014, that 6 out of 6 samples (ducks 3 and chickens 3) tested positive for H5N1. Nearly 10 500 birds have been destroyed in the district, which mainly concentrated in My Lam, Phuoc Cat I, Duc Pho, Communes and Dong Nai Town. Over 50% of the total poultry population in the area (10 500/19 400 children) have been destroyed to date. In addition, according to the Da Teh District People's Committee, more than 12 500 ducks in Quoc Pai, Ha Dong Communes and Da Teh Town [in Da Teh District, Lam Dong Province] have been destroyed, because of suspected H5N1.

<http://baolamdong.vn/kinhte/201402/cat-tien-66-mau-kiem-dich-gia-cam-deu-nhlem-h5n1-2308803/>

20/02/2014 – Suspected H5N1 HPAI outbreaks in poultry, Hau Giang - Bing translator (media)

Over 1 500 chickens were destroyed, due to avian influenza A H5N1 positive findings. According to the Deputy Head of the veterinary station at Chau Thanh district, chickens from a village in Phu Tan Commune tested positive for influenza A/H5N1 on 17 February 2014. Functional forces carried out the destruction immediately and sprayed disinfectant to sterilize the area around the farm (Bing translator)

<http://www.thanhnien.com.vn/pages/20140218/tieu-huy-1-500-con-ga-duong-tinh-cum-a-h5n1.aspx>

EUROPEAN REGION

The Netherlands

OFFICIAL

28/02/2014 - Confirmed H5N1 LPAI detection in poultry, Flevoland (National Authorities, OIE)

A detection of H5N1 LPAI in Swifterbant, Flevoland Province was reported to OIE. It was detected through the Dutch early warning system for avian influenza. A total of 40 237 birds have been destroyed; a 1 km protection zone has been established. There are no other poultry premises in the protection zone.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=14866

SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE AFRICAN REGION

Country/Territory	First outbreak/case	Last outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	Reported: 07/11/07 Oueme, Adjara	Reported: 15/12/07 Oueme, Avrankou	domestic poultry	
Burkina Faso	Observed: 02/03/06 Reported: 04/03/06 Centre-ouest, Sanguie	Reported: 20/05/06 Centre-ouest, Sanguie	domestic poultry	
Cameroon	Observed: 21/02/06 Reported: 12/03/06 Extreme-Nord, Diamare	Reported: 28/03/06 Nord, Benoue	domestic poultry, wild birds	
Côte d'Ivoire	Observed: 30/03/06 Reported: 25/04/06 Bas Sassandra, Sassandra	Reported: 21/05/07 N'zi Comoe, Daoukro	domestic poultry	
Djibouti	Reported: 24/04/06 Djibouti, Jibuti	Reported: 24/04/06 Djibouti, Jibuti	domestic poultry	1/0
Egypt	Observed: 17/02/06 Reported: 20/02/06 Qina	Observed: 28/02/14 Reported: 01/03/14 Giza	domestic poultry	173/63
Ghana	Reported: 21/04/07 Greater-Accra Region, Tema	Reported: 13/06/07 Volta, Ketu	domestic poultry	
Niger	Observed: 06/02/06 Reported: 27/02/06 Zinder, Magaria	Observed: 02/05/06 Reported: 24/05/06 Maradi, Madarounfa	domestic poultry	
Nigeria	Observed: 16/01/06 Reported: 05/02/06 Kaduna, Igabi	Observed: 22/07/08 Reported: 25/07/08 Kano and Katsina	domestic poultry	1/1
Sudan	Observed: 25/03/06 Reported: 18/04/06 Al Jazeera East, Al Jazeera	Observed: 29/08/06 Reported: 31/08/06 Bahr Al Jabal, Bahr Al Jabal	domestic poultry	
Togo	Observed: 15/06/07 Reported: 22/06/07 Maritime, Lacs	Observed: 16/09/08 Reported: 18/09/08 Maritime, Lacs	domestic poultry	

SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE ASIAN REGION

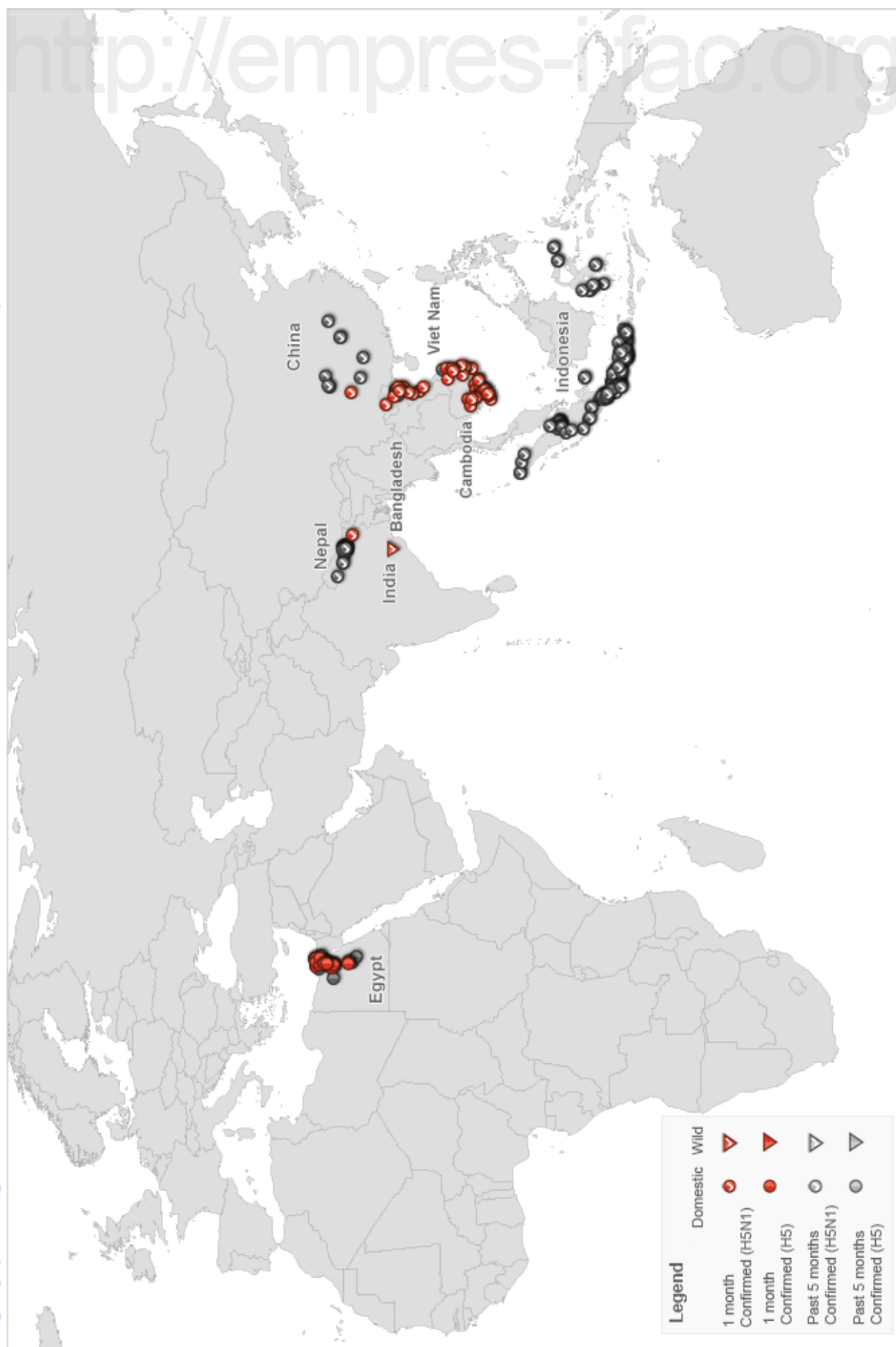
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 Dhaka	domestic poultry	7/1
Bhutan	Observed: 18/02/10 Reported: 23/02/10 Chhukha	Observed: 9/12/12 Reported: 11/01/13 Dagana	domestic poultry	
Cambodia	Reported: 12/01/04 Phnom Penh, Tuol Kouk	Observed: 24/02/14 Reported: 27/02/14 Phnom Penh	domestic poultry, wild birds	52/34
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 13/02/14 Reported: 18/02/14 Ginzhou	wild birds, domestic poultry	46/30
Hong Kong SAR, China	Observed: 19/01/04 Reported: 26/01/04 Kowloon	Observed: 25/01/13 Reported: 29/01/13 Tuen Mun	wild birds	
Democratic People's Republic of Korea	Observed: 19/04/13 Reported: 09/05/13 Pyongyang	Observed: 19/04/13 Reported: 09/05/13 Pyongyang	domestic poultry	
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 31/01/14 Reported: 21/02/14 Orissa	domestic poultry, wild birds	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 19/09/13 Reported: 30/10/13 Riau	domestic poultry	195/163
Iran (Islamic Republic of)	Observed: 02/02/06 Reported: 07/02/06 Gilan, Someehsara	Observed: 13/09/11 Reported: 13/10/11 Mazandaran	wild birds, domestic poultry	
Iraq	Observed: 18/01/06 Reported: 02/02/06 As Sulaymaniyah, Rania	Observed: 01/02/06 Reported: 10/02/06 Missan, Amara	domestic poultry, domestic mammal	3/2
Israel	Observed: 16/03/06 Reported: 04/04/06 Jerusalem	Observed: 13/03/11 Reported: 15/03/11 HaDarom	domestic mammal, domestic poultry	
Japan	Reported: 28/12/03 Yamaguti, Aotoyoo	Observed: 16/03/11 Reported: 17/03/11 Chiba Prefecture	domestic poultry, wild birds	
Jordan	Reported: 23/03/06 Ajloun, Ajloun	Reported: 23/03/06 Ajloun, Ajloun	domestic poultry	
Kazakhstan	Observed: 22/07/05 Reported: 02/08/05 Pavlodarskaya, Irtishskiy	Observed: 10/03/06 Reported: 21/03/06 Mangistauskaya, Aqtau City area	domestic poultry, wild birds	
Kuwait	Reported: 25/02/07 Al Farnawiyah	Reported: 23/04/07 Al Ahmadi	wild birds, domestic poultry, zoo birds	
Lao People's Democratic Republic	Observed: 15/01/04 Reported: 27/01/04 Sayabouri, Boten	Observed: 27/04/10 Reported: 14/05/10 Vientiane	domestic poultry	2/2
Malaysia	Observed: 07/08/04 Reported: 17/08/04 Tumpat, Kelantan	Reported: 02/06/07 Selangor Kuala, Selangor	domestic poultry	
Mongolia	Observed: 02/08/05 Reported: 08/08/05 Hovsgol, Alag-Erdene	Observed: 05/04/11 Reported: 19/04/11 Sukhbaatar	wild birds	
Myanmar	Observed: 08/03/06 Reported: 13/03/06 Mandalay, Meikthila	Observed: 05/03/12 Reported: 16/03/12 Bago	domestic poultry	1/0
Nepal	Observed: 08/01/09 Reported: 16/01/09 Jhapa, Mechi	Observed: 13/02/14 Reported: 26/02/14 Koshi	domestic poultry, wild bird	
Pakistan	Reported: 27/02/06 NWFP, Charsadda	Observed: 17/06/08 Reported: 22/06/08 NWFP, Swabi	domestic poultry	3/1
Republic of Korea	Reported: 10/12/03 Chungchongbuk-do	Observed: 16/05/11 Reported: 18/05/11 Gyeonggi-do	domestic poultry, wild birds	
Saudi Arabia	Observed: 10/11/05 Reported: 11/11/05 Eastern Province	Reported: 29/01/08 Riyad	domestic poultry, wild birds	
Thailand	Reported: 23/01/04 Suphanburi, Song Phi Nong	Observed: 10/11/08 Reported: 17/11/08 Uthai Thani, Nong Chang	domestic poultry	25/17
Viet Nam	Observed: 27/12/03 Reported: 09/01/04 Long An	Observed: 05/03/14 Reported: 06/03/14 Ninh Thuan	domestic poultry, wild birds	127/64
West Bank and Gaza Strip	Reported: 22/03/06 Tubas (Gaza Strip)	Observed: 06/04/11 Reported: 11/04/11 Jericho (West Bank)	domestic poultry, wild bird	

SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

Country /Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Albania	Observed: 16/02/06 Reported: 07/03/06 Sarande, Aliko	Observed: 09/03/06 Reported: 24/03/06 Tirane, Peze	domestic poultry	
Austria	Observed: 10/02/06 Reported: 23/02/06 Steiermark, Graz	Observed: 22/03/06 Reported: 27/03/06 Oberosterreich, Perg	wild birds	
Azerbaijan	Observed: 02/02/06 Reported: 03/02/06 Baku	Observed: 18/03/06 Reported: 23/03/06 Tauf	wild birds, domestic poultry	8/5
Bosnia and Herzegovina	Observed: 16/02/06 Reported: 20/02/06 Srednjebosan ski	Observed: 16/02/06 Reported: 20/02/06 Srednjebosan ski	wild birds	
Bulgaria	Observed: 31/01/06 Reported: 04/02/06 Vidin, Vidin	Observed: 29/03/10 Reported: 01/04/10 Varn, Varna	wild birds, domestic poultry	
Croatia	Observed: 21/10/05 Reported: 22/10/05 Virovitica-p odravina	Observed: 24/03/06 Reported: 12/04/06 Grad, Zagreb	wild birds	
Czech Republic	Observed: 25/03/06 Reported: 29/03/06 Jihocesky, Ceske Budejovice	Reported: 11/07/07 Vychodocesky, Usti nad Orlici	wild bird, domestic poultry	
Denmark	Observed: 22/03/06 Reported: 24/04/06 Fyn, Aeroeskoebing	Reported: 18/05/06 Fyn, Kerteminde	wild birds, domestic poultry	
France	Observed: 17/02/06 Reported: 20/02/06 Rhône Alpes, Ain	Reported: 09/08/07 Lorraine, Moselle	wild birds	
Georgia	Observed: 23/02/06 Reported: 27/03/06 Ajaria	Observed: 23/02/06 Reported: 27/03/06 Ajaria	wild birds	
Germany	Reported: 06/07/07 Bayern, Mittelfranken	Observed: 10/01/09 Reported: 10/03/09 Bavaria	wild birds, domestic poultry	
Greece	Reported: 30/01/06 Kentriki Makedonia, Pierias	Observed: 04/03/06 Reported: 27/03/06 Kentriki Makedonia, Thessalonikis	wild birds	
Hungary	Reported: 04/02/06 Bacs-kiskun	Reported: 29/01/07 Csongrad	wild birds	
Italy	Observed: 01/02/06 Reported: 11/02/06 Calabria Vibo, Valentia	Reported: 19/02/06 Umbria, Perugia	wild birds	
Poland	Reported: 15/02/06 Pomorskie, Nowy Dwor Gdanski	Reported: 22/12/07 Lodzkie, Poddebice	wild birds, domestic poultry	
Romania	Reported: 07/10/05 Tulcea	Observed: 27/03/10 Reported: 30/03/10 Tulcea	wild birds, domestic poultry, cat	
Russian Federation	Observed: 15/07/05 Reported: 22/07/05 Novosibirskaya Oblast	Observed: 05/06/10 Reported: 25/06/10 Ubsu-Nur, Republic of Tuva	domestic poultry, wild birds	
Serbia	Reported: 28/02/06 Zapadno-backi	Reported: 15/03/2006 Zlatiborski	wild birds, domestic poultry	
Slovakia	Reported: 17/02/06 Slovakia, Bratislava	Reported: 18/02/06 Slovakia, Trnava	wild birds	
Slovenia	Observed: 09/02/06 Reported: 14/02/06 Podravska, Maribor	Observed: 25/03/06 Reported: 30/03/06 Podravska, Maribor	wild birds	
Spain	Reported: 07/07/06 Pais Vasco, Alava	Reported: 07/07/06 Pais Vasco, Alava	wild birds	
Sweden	Reported: 28/02/06 Kalmar Laen, Oskarshamn	Observed: 26/04/06 Reported: 27/04/06 Stockholms Laen, Haninge	wild birds	
Switzerland	Reported: 26/02/06 Geneve	Observed: 22/03/06 Reported: 28/03/06 Luzern	wild birds	
Turkey	Observed: 05/10/05 Reported: 09/10/05 Balikesir, Manyas	Observed: 09/03/08 Reported: 18/03/08 Edirne, Merkez	domestic poultry, wild birds	12/4
Ukraine	Reported: 02/12/05 Krym	Observed: 11/02/08 Reported: 13/02/08 Krym	wild birds, domestic poultry	
United Kingdom	Observed: 05/04/06 Reported: 06/04/06 Scotland, Central	Reported: 29/02/08 England, Dorsetshire	wild birds, domestic poultry	

Highly pathogenic avian influenza H5 events

06 September 2013 - 06 March 2014



CONTACTS

The EMPRES Animal Influenza Update compiles data on relevant Animal Influenza cases/outbreaks. It is updated weekly, published in PDF format and automatically sent by email to a list of subscribers. We have received many requests to join the Animal Influenza Situation Update distribution list. While we highly value the growing interest and wider distribution, it is hard for us to manage the increasing list of contacts. We would therefore appreciate if the contacts in each organisation/country could forward the document to all relevant people within their organisation/country.

The EMPRES Animal Influenza has been prepared by the EMPRES (Emergency Prevention Programme for Transboundary Animal Diseases) / GLEWS (Global Early Warning for Major Animal Diseases, including Zoonoses) team of the Animal Production and Health Division of the Food and Agriculture Organization of the United Nations.

Additional information on influenza cases/outbreaks can be found in EMPRES-i (<http://empres-i.fao.org/>).

Electronic version of the maps can be found on the website at http://www.fao.org/ag/againfo/programmes/en/empres/maps_new.html

For further information about the EMPRES Animal Influenza Situation Update please contact FAO EMPRES/GLEWS at GLEWS@fao.org

DISCLAIMER

Please note: The current maps still display only cases of H5 highly pathogenic avian influenza and do not yet cover all relevant cases/outbreaks of Animal Influenza in different species, as we are in a transition phase towards the production of new maps representing relevant animal influenza cases/outbreaks. The new maps will be included in this Animal Influenza Update in a couple of weeks.

FAO compiles information from numerous sources (FAO representatives or country missions, FAO reports, OIE, official government sources, European Commission, FAO reference centres, laboratories and FAO collaborators) and produces these composite maps in a representative effort to provide full and accurate information.

FAO welcomes information to clarify disease or infection occurrence in areas that have not been properly depicted (with supporting documentation to make the required changes based on FAO validation and verification procedures). If you want to share relevant information on animal diseases events with GLEWS please send messages to GLEWS@fao.org

MAP: The maps represent occurrences of confirmed or suspected cases of H5 and H5N1 reported over the last 30 days (1st map) and last six months (2nd map). H5 cases are represented for countries where N-subtype characterization is not being performed for secondary cases or when laboratory results are still pending. The original data have been collected and aggregated at the most detailed administrative level.

TEXT: The text represents information obtained within the past 14 days indicating the original date of reporting or publishing of the information. Sources of information are included for easy reference. FAO does not guarantee the accuracy of information of reports included in this update.

TABLES: The outbreaks presented in the tables are referring to the observation date (or the earliest clinical date known) and reported date of the first and last occurrence of an outbreak/case in a country. The affected populations refer to all populations ever affected. The reported date is the date when the occurrence of a disease has been confirmed by an official source. Outbreak of disease or infection means the occurrence of one or more cases of a disease or an infection in an epidemiological unit.