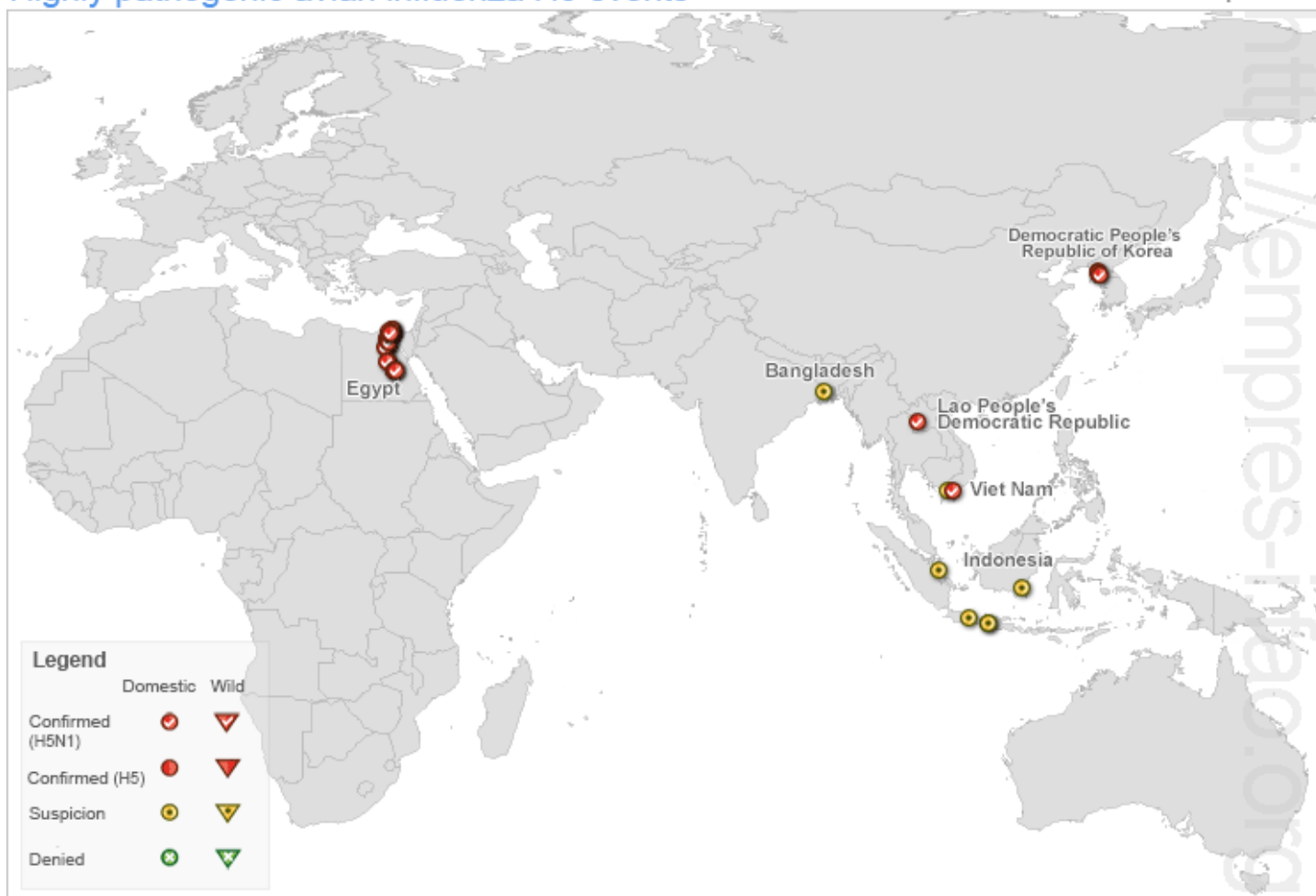


Highly pathogenic avian influenza H5 events

24 March - 24 April 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-i.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 H5N1 HPAI outbreaks in poultry (Asyut, Dakahlia, Damietta, Giza, Qena)

ASIAN REGION

China (Endemic)

- Confirmed presence of H7N9 virus in market environment (Macao SAR)
- Negative results of the National animal H7N9 avian influenza monitoring for the 2/3 of April 2014 (Liaoning, Jiangsu, Fujian, Shandong, Hunan Provinces)
- Confirmed H7N9 infection in humans (Anhui, Guangdong, Hunan, Jiangsu, Taiwan Provinces)

Democratic People's Republic of Korea

- Confirmed H5N1 outbreak in poultry (Hwanghae-Bukto)

Japan

- Confirmed H5N8 HPAI outbreak in poultry (Kumamoto)

AMERICAN REGION

The United States of America

- Confirmed H5 LPAI outbreaks in poultry (California)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION

Egypt

OFFICIAL

23/04/2014 – Confirmed H5N1 HPAI outbreaks in poultry, Asyut, Dakahlia, Damietta, Giza, Qena (FAO Field Officer)

On 9 April 2014, ten outbreaks of H5N1 HPAI were detected in Asyut (2), Dakahlia (3), Damietta (2), Giza (1), Qena (2)

Governorates. Nine outbreaks were detected in unvaccinated household poultry (chicken, duck, and turkey) and one outbreak occurred in vaccinated ducks in a commercial farm (Damietta). Eight outbreaks were detected through Community Based Animal Health Outreach (CAHO) and two outbreaks (Dakakhia and Damietta) were reported through passive surveillance.

16/04/2014 – Confirmed H5N1 HPAI outbreaks in poultry, Beni-Suef, Dakahlia (FAO Field Officer)

On 4 April 2014, two outbreaks of H5N1 HPAI were detected in poultry in Beni-Suef and Dakahlia Governorates. Both outbreaks occurred in household unvaccinated poultry (chickens, ducks) and were detected through Community Based Animal Health Outreach (CAHO).

ASIAN REGION

China

OFFICIAL

18, 19/04/2014 – Confirmed presence of H7N9 virus in market environment, Macao SAR (Government Authorities)

The Civic and Municipal Affairs Bureau confirmed on 18 April evening, among the environmental samples collected from poultry stalls in Nam Yue Wholesale Market, detected H7 subtype avian influenza positive reaction in the No.151 stall samples, and this was later reported as H7N9. The authorities immediately activated the emergency mechanism; meanwhile, the live poultry trade in Macao was suspended for 21 days starting from 19 April, wholesale live bird markets, slaughter facilities and retail places were closed for wash-cleaning and disinfection.

http://portal.gov.mo/web/guest/info_detail?infolid=360427

http://www.ssm.gov.mo/docs/6789/6789_9e52917be07443ab9cebb32372c005ab_000.pdf

22/04/2014 – Negative results of the National animal H7N9 avian influenza monitoring for the 2/3 of April 2014 (National Authorities)

During the 2/3 period of April 2014, a total of 6733 samples (5802 serum samples + 931 pathological samples) were collected from 341 locations in 5 provinces under the National animal H7N9 avian influenza monitoring, and no positive were found. The details of the samples collected were: Liaoning (740 serum samples), Jiangsu (2853 serum and 520 pathological samples), Fujian (438 and 61 respectively), Shandong (60 serum samples) and Hunan (1711 and 350 respectively).

http://www.moa.gov.cn/sjzz/syjdwyqdt/201404/t20140422_3879757.htm

18-24/04/2014 – Confirmed H7N9 infection in humans, Anhui, Guangdong, Hunan, Jiangsu and Taiwan (National authorities and WHO)

A total of 7 human cases were reported during the past week (from 18 April 2014 12:00 GMT to 24 April 2014 12:00 GMT):

Jiangsu 3 (Wuxi 2, Zhenjiang 1), Anhui 1 (Yongzhou 1), Guangdong 1 (Shantou 1), Hunan 1 (Hengyang 1) and Taiwan 1 (1) Provinces. The case confirmed in Taiwan Province traveled to Taiwan from Nanjing City, Jiangsu Province on 17 April; she had a dry cough, fever and muscle aches and other symptoms while traveling; confirmed on 22 April, in critical condition. Before visited Taiwan the case went to a traditional market in Liuhe District, Nanjing City to buy chicken carcasses; she also had a history of diabetes.

<http://www.jswst.gov.cn/fbts/index.html>

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

<http://www.hunanwst.gov.cn/zwxw/wsyw2/>

http://www.mohw.gov.tw/cht/Ministry/DM2.aspx?f_list_no=7&fod_list_no=4556

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

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

11-17/04/2014 – Confirmed H7N9 infection in humans, Anhui, Guangdong, Jiangsu and Hong Kong SAR (National authorities and WHO)

A total of 8 human cases were reported during the past week (from 11 April 2014 12:00 GMT to 17 April 2014 12:00 GMT):

Guangdong 4 (Guangzhou 2, Heyuan 1, Shantou 1), Jiangsu 2 (Changzhou 2), Hunan 1 (Hengyang 1) and Hong Kong SAR 1 (1). The case in Hong Kong SAR visited Dongguan City, Guangdong Province a week before the onset of illness, stayed at relatives' home where their relatives reared chickens, visited a wet market nearby, and helped in slaughtering chickens at home.

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

<http://www.jswst.gov.cn/fbts/index.html>

<http://www.hunanwst.gov.cn/zwxw/wsyw2/>

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

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

03-10/04/2014 – Confirmed H7N9 infection in humans, Anhui, Guangdong, Jiangsu and Hong Kong SAR (National authorities and WHO)

A total of 9 human cases were reported during the past week (from 4 April 2014 12:00 GMT to 10 April 2014 12:00 GMT):

Anhui 1 (Anqin 1), Guangdong 4 (Heyuan 2, Guangzhou 1, Shantou 1), Jiangsu 2 (Suzhou 1, Taizhou 1) and Hong Kong SAR 2 (Guangzhou resident 1, Shenzhen resident 1).

<http://www.jswst.gov.cn/fbts/index.html>

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

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

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

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

Democratic People's Republic of Korea

OFFICIAL

22/04/2014 – Confirmed H5N1 outbreak in poultry, Hwanghae-Bukto (OIE)

An outbreak of H5N1 HPAI was reported in Ryonggung ri, Hwangju County, Hwanghae-Bukto Province. The outbreak started on 10 April 2004 with a total of 501 animal affected including 136 deaths. The outbreak was confirmed by the Central Veterinary Station (National laboratory) using ELISA. The remaining population was destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=15146

16/04/2014 – Confirmed H5N1 outbreak in poultry, P'yongyang-si (National authorities and OIE)

Outbreaks of H5N1 HPAI were reported to OIE in 2 different farms (approximately 11 km apart) in the capital Pyongyang City. The first outbreak started in 21 March 2014 in a layer farm that had 46,217 susceptible birds, and confirmed on 26 March 2014 by the Central Veterinary Laboratory and Veterinary Research Institute (National laboratory) using PCR. All 46,217 birds were affected and died. The second outbreak in chickens started on 27 March 2014, no numeric figures available on the second outbreak, yet.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=15124

Japan

OFFICIAL

17, 18, 22/04/2014 – Confirmed H5N8 HPAI outbreak in poultry, Kumamoto (National Authorities; OIE)

The H5 outbreak mentioned below in a poultry farm in Taragimachi, Kuma-gun, Kumamoto Prefecture was laboratory confirmed to be H5N8 HPAI. The National Institute of Animal Health (NIAH) confirmed that the isolated virus is highly pathogenic on 15 April based on genetic sequencing; and the

NA subtype as N8 on 17 April 2014. There are 3 farms/premises rearing poultry within the movement restriction zones (3km radius around the affected/related farms) and they are under surveillance.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=15127

On 13 April, an epidemiological investigation was conducted on the farm. According to the report, the farm was located in a mountain side with a pond in 100 m. The chicken coops had no foot bath, instead lime was spread at entrance areas; lime was also used at the entrance for feed transport vehicles; the farm had a power sprayer but it was not used to disinfect vehicles. To prevent wild birds coming into the coop, there were metal mesh (5 x 5 cm), shading curtains, bird nets, but were not in perfect conditions. The wall of the chicken coop had hole(s) and occasionally a mouse/rat used to be seen according to the manager. The entrance of the coop had no anteroom; the entrance had a metal slide door and a net door; the metal door used to be left open when there is a need to cool down the coop; there were a gap between the net door and the frame when closed. Dead birds from the farm are transported to a compost area outside of the farm; tens of crows and a cat were observed at the compost area.

<http://www.maff.go.jp/j/syoutan/douei/tori/pdf/0413cyousakekka.pdf>

NIHAH conducted full genome sequencing of the isolate from the Kumamoto outbreak using next-generation sequencing. 99.96% of the total genome (8 segments) has been sequenced and compared with publicly available sequences. Result showed that the Kumamoto isolate showed over 99% homology to the H5N8 HPAIV isolated in the Republic of Korea in 2014. In addition, four out of the eight gene segments showed close homology to the H5N8 subtype isolated in Jiangsu Province, China in 2010; the remaining four segments showed a homology to H5N2 subtype HPAIV isolated in eastern China in 2011, both at homology rate of more than 97%.

http://www.naro.affrc.go.jp/publicity_report/press/laboratory/niah/051983.html

13 & 15/04/2014 – Confirmed H5 HPAI outbreak in poultry, Kumamoto (National Authorities; OIE)

An outbreak of H5 HPAI was reported in poultry farm Kumagun, Taragi-machi, Kumamoto Province. The outbreak started on 11 April 2014, where a total of 200 died out of a susceptible population of 56 400 poultry; the remaining population was destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=15109

From the suspected cases' specimen, 'high pathogenicity' was confirmed through genetic analysis by the National Institute of Animal Health (NIHAH).

<http://www.maff.go.jp/j/press/syoutan/douei/140415.html>

Viet Nam

OFFICIAL

12 & 16/04/2014 – Additional information on confirmed H5N1 HPAI outbreaks in poultry (DAH/MARD)

As of 16 April 2014, there is no designated 'H5N1 HPAI infected zone' since all previous H5N1 HPAI outbreaks passed the 21 days period. This time, outbreaks occurred mainly in household poultry, and were detected and timely controlled by the local authorities and veterinary staff. As of 12 April 2014, a total of 32.7895 million doses of vaccines (Re-5 (8.7895 million) and Re-6 (24 million)) were available, of which: 11.5 million doses of Re-6 vaccines were allocated to the provinces of: Bac Ninh, Nam Dinh, Lao Cai, Khanh Hoa, Tay Ninh, Thanh Hoa, Can Tho City, Nghe An, Tra Vinh, Phu Tho, Hai Duong, Ben Tre and Binh Thuan for ring vaccination; 19.2895 million doses (Re-6 (11.5 million) and Re-5 (7.7895 million)) are remaining. DAH is working on procedures to import more Re-6 vaccines to prevent disease outbreaks.

http://www.cucthuy.gov.vn/Pages/news_detail.aspx?NewsId=397

http://www.cucthuy.gov.vn/Pages/news_detail.aspx?NewsId=401

AMERICAN REGION

The United States of America

OFFICIAL

22/04/2014 – Confirmed H5 LPAI outbreak in poultry, California (OIE)

A commercial Japanese quail (*Coturnix japonica*) layer flock experienced increased mortality in the adult laying population, samples tested positive for influenza A H5 virus. The amino acid sequence at the hemagglutinin protein cleavage site was compatible with North American low pathogenic avian influenza virus. The sequence is 99.1% similar to A/American green-winged teal/Wisconsin 100S3127/2010. The index premises (tested positive) and two epidemiologically linked premises (tested negative) were placed under quarantine. The USDA Animal Plant Health Inspection Service (APHIS) and the California Department of Food and Agriculture (CDFA) are conducting a comprehensive epidemiological investigation of this event.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=15127

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 Basassandra, 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 Qena	Observed: 09/04/14 Reported: 16/04/14 Dakahlia	domestic poultry	175/63
Ghana	Reported: 21/04/07 Greater-Accra Region, Tema	Reported: 13/06/07 Volta, Ketu	domestic poultry	
Libya	Observed: 04/03/14 Reported: 12/03/14 Tubruq		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

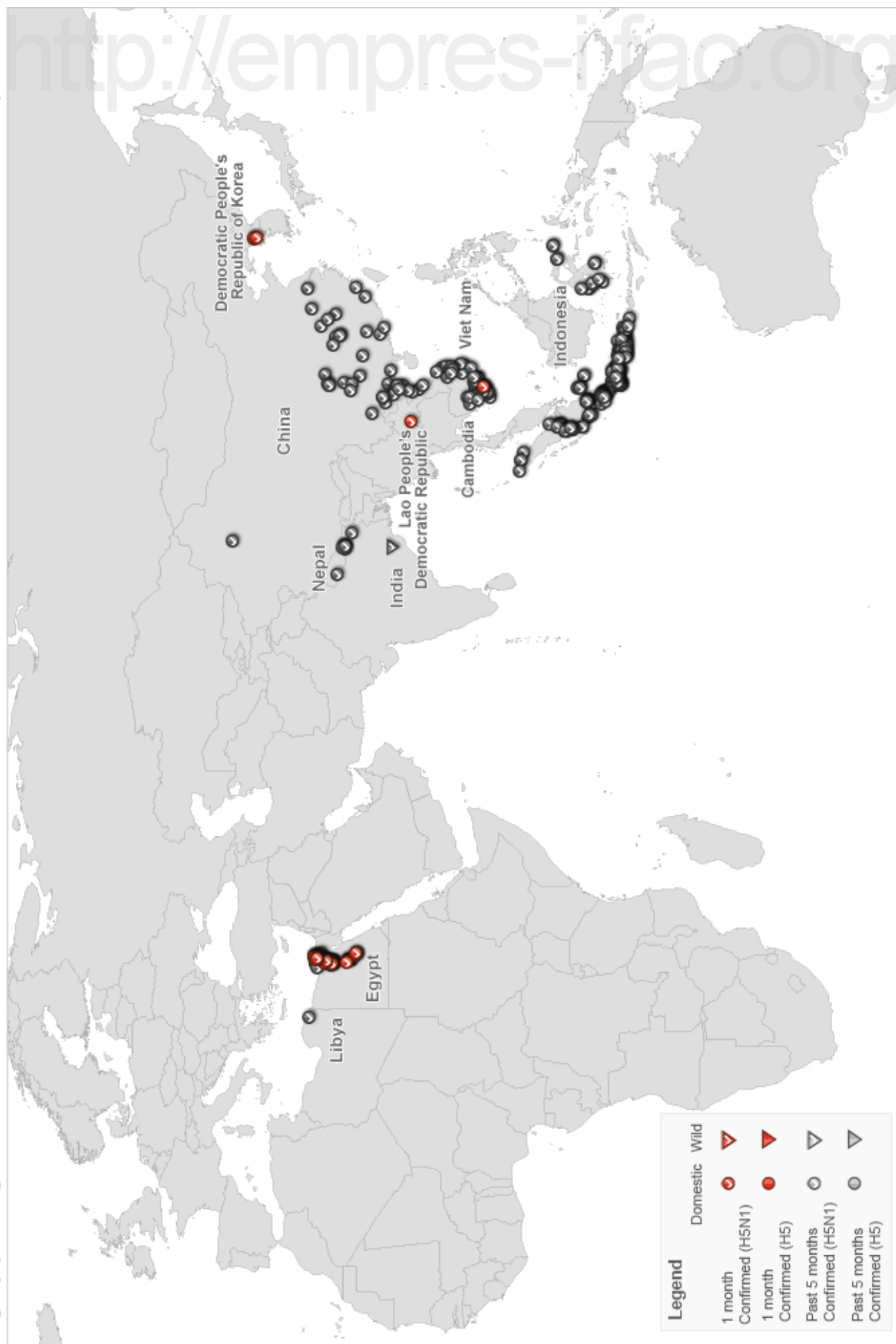
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 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: 17/03/14 Reported: 17/03/14 Kampot	domestic poultry, wild birds	56/37
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 02/03/14 Reported: 07/03/14 Yunnan	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: 21/03/14 Reported: 16/04/14 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: 13/03/14 Reported: 31/03/14 Xayaboury	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: 24/03/14 Reported: 25/03/14 Ben Tre	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

24 October 2013 - 24 April 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.