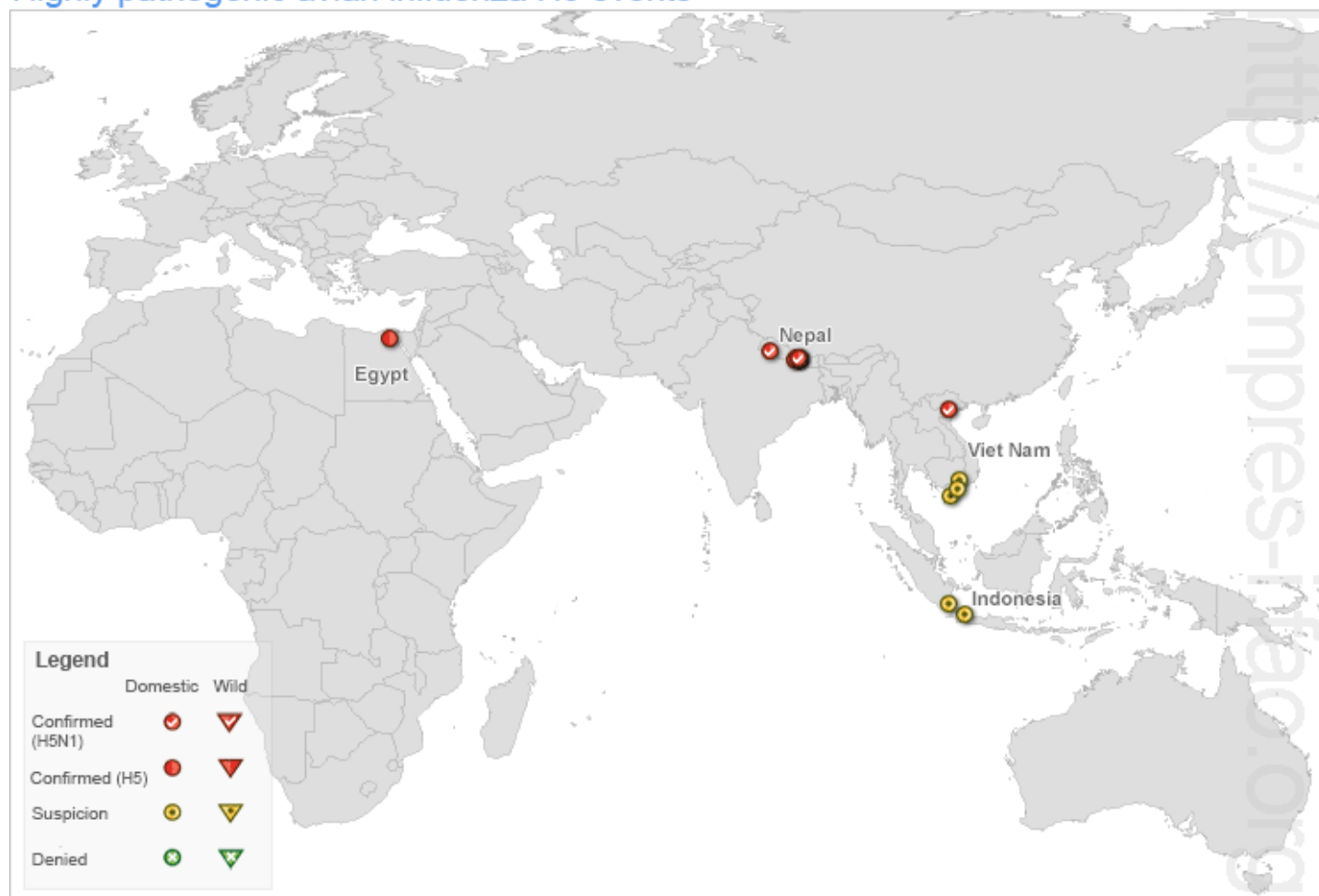


Highly pathogenic avian influenza H5 events

14 October - 14 November 2013



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 EMPRES-i <http://empres-i.fao.org/empres-i/home>

The current map still displays only cases of H5 highly pathogenic avian influenza and does 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.

WHAT'S NEW in this issue?

AFRICAN REGION

Egypt

- Confirmed H5N1 HPAI in poultry (Menoufia and Giza)

ASIAN REGION

Cambodia

- Confirmed H5N1 infection in humans (Kampong Speu, Kampot, Pailin, Pursat)

China

- Confirmed H7N9 infection in humans (Guangdong and Zhejiang)
- Confirmed H5N2 LPAI in poultry (Province of Taiwan)

Nepal

- Confirmed H5N1 HPAI in poultry (Bagmati, Bheri, Narayani)

Viet Nam

- Suspected H5N1 HPAI in poultry (Binh Phuoc and Tien Giang)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION

Egypt

OFFICIAL

03/11/2013 - Confirmed H5 HPAI in poultry, Giza, Menoufia (FAO Field Officer)

Two outbreaks of H5N1 HPAI were reported in un-vaccinated poultry:

One outbreak was detected through active surveillance on 25 September 2013 in a live bird market in Boulak El Dakroul District, Giza Governorate; a total of 20 ducks were affected ;

- One outbreak was reported through passive surveillance on 22 October 2013 in a household in Ashmoun District, Menoufia Governorate; a total of 19 chickens were affected.

ASIAN REGION

Cambodia

OFFICIAL

11/11/2013 - Confirmed H5N1 infection in humans, Kampong Speu, Kampot, Pailin, Pursat (FAO Field Officer, National Authorities and WHO)

H5N1 infection was reported in four humans;

- a 2-year-old girl from SvayChrum Village, Borng Bort Kandal Commune, Bakane District, Pursat Province was confirmed positive for H5N1 virus on 30 October 2013. The girl developed fever on 17 October 2013 and died on 26 October. Two months before the illness, poultry had suddenly died in her grandparents' house where the child often stayed.
- a 10-year-old boy from Sdok Thlok Village, To Tung Commune, Dang Tong District in Kampot Province, was confirmed positive for H5N1 virus on 7 November 2013 by Institute Pasteur du Cambodge. The boy developed fever on 28 October 2013. One month before the illness, about 30 chickens had died suddenly in his village.
- a 3-years-and-4-months-old boy from Sendey Commune, Samrong Tang District, Kampong Speu Province, tested positive for H5N1 virus on 9 November 2013. Investigations in the village revealed that chickens and ducks had been sick and/or dead for approximately three weeks prior to the boy's onset of illness. The boy helped carrying dead chickens for his mother, who was preparing a meal for the family. The mother regularly purchased sick and dead chickens from a local poultry farm.
- a 29-year-old male from Koun Damrey Village, Stoeung Strang Commune, Salakrao District, Pailin Province who died recently tested positive for H5N1 virus on 9 November 2013 by the NIPH laboratory. The patient had direct contact with sick and dead poultry one week prior to illness onset.

http://www.cdc.gov/kh/PressRelease/44_Press_release_Eng.pdf
<http://www.cdc.gov/kh/PressRelease/45-pressreleaseEng.pdf>
http://www.cdc.gov/kh/PressRelease/46-47-PressRelease_Eng.pdf

China

OFFICIAL

05, 06 and 09/11/2013 – Confirmed H7N9 infection in humans, Guangdong and Zhejiang (national authorities)

On 5 November 2013, the Guangdong Provincial Health and Family Planning Commission released confirmation of a H7N9 infection in a 3-years-and-5-months old male, currently living in Yuanshanbei Village, Changpingzhen, Dongguan City, Guangdong Province.

On 9 November 2013, the Zhejiang Provincial Health Department informed a H7N9 infection in a 64-year-old female farmer; currently living in Xiuzhou District, Jiaxing City, Zhejiang Province. Onset was 30 October 2013 and confirmed on 4 November 2013.

<http://www.gdwst.gov.cn/a/zwxw/2013110511040.html>
http://www.gov.cn/jrzq/2013-11/09/content_2524725.htm

04/11/2013 – Confirmed H5N2 LPAI findings in poultry, Province of Taiwan (OIE)

During the third round surveillance, following the H5N2 LPAI isolation in Hualien County in July 2013, H5N2 LPAI was detected in a meat-type duck farm in Yuli Township, Hualien County; 20 birds, out of a susceptible population of 9 170, were affected. Movement restriction was implemented. The result of clinical investigation showed that the ducks were in healthy condition without clinical signs and abnormal mortality.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=14332

Nepal

OFFICIAL

12/11/2013 – Confirmed H5N1 HPAI outbreaks in poultry, Bagmati, Bheri, Narayani (OIE)

Additional 85 outbreaks of H5N1 were reported to OIE. These outbreaks occurred in August 2013 in three provinces: Bagmati (83), Bheri (1) and Narayani (1). A total of 43 691 poultry were affected out of a susceptible population of 1 416 000 and 1 312 309 were destroyed. Birds showed respiratory distress, nervous signs and all affected birds died. Cleaning and disinfection activities in the infected premises are completed. Intensive surveillance activities are ongoing throughout the country.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=14302

Viet Nam

NON-OFFICIAL

11/11/2013 - Suspected H5N1 HPAI outbreaks in poultry, Binh Phuoc and Tien Giang (media)

- H5N1 HPAI was reported in household ducks in two communes (Tan Phu and Tan Thoi Communes), Tan Phu Dong District, Tien Giang Province. A total of 4 households with 938 birds, including 315 birds died, out of 557 birds infected, and collected samples tested positive for A/H5N1 influenza virus.
- An outbreak of H5N1 HPAI was reported in ducks in Suoi Da Hamlet, Tan Hung Commune, Dong Phu District, Binh Phuoc Province. The veterinary department sent staff immediately to inspect; samples were collected for testing. The results showed that duck samples were positive for A/H5N1 influenza virus. Binh Phuoc Provincial Veterinary Services, in collaboration with local authorities, conducted the destruction of all 282 ducks in the infected flock and disinfection. According to information provided by the owner of the farm(s), the family bought the whole waterfowl flock from Long An Province on 4 May 2013.

<http://dantri.com.vn/suc-khoe/cum-ah5n1-tan-cong-dan-thuy-cam-800374.htm>
<http://dantri.com.vn/suc-khoe/cong-bo-dich-cum-ah5n1-tren-gia-cam-800016.htm>
<http://vietnamnews.vn/society/247388/tien-giang-finds-ah5n1-flu-in-poultry.html>

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: 22/10/13 Reported: 23/10/13 Menoufia	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

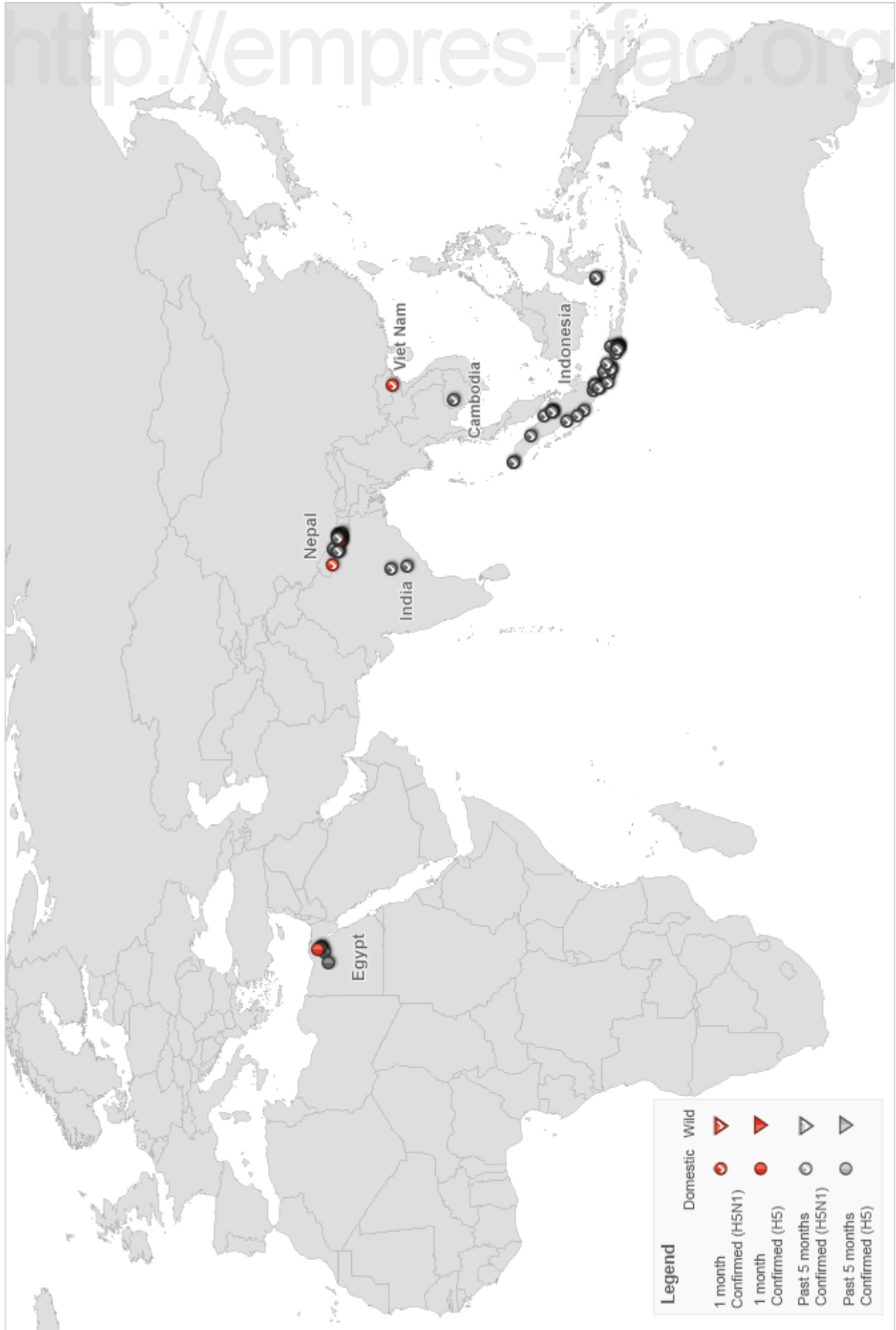
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 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: 12/08/13 Reported: 19/08/13 Battambang	domestic poultry, wild birds	47/32
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 13/05/13 Reported: 13/05/13 Tibet	wild birds, domestic poultry	45/30
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: 30/07/13 Reported: 05/08/13 Chattisgarh	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 19/09/13 Reported: 30/10/13 Riau	domestic poultry	194/162
Iran (Islamic Republic of)	Observed: 02/02/06 Reported: 07/02/06 Gilan, Somehsara	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, Atootyoo	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: 14/09/13 Reported: 12/11/13 Kathmandu	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: 07/10/13 Reported: 13/10/13 Hoa Binh	domestic poultry, wild birds	125/62
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 Rhone 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

14 May - 14 November 2013



CONTACTS

DISCLAIMER

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

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.