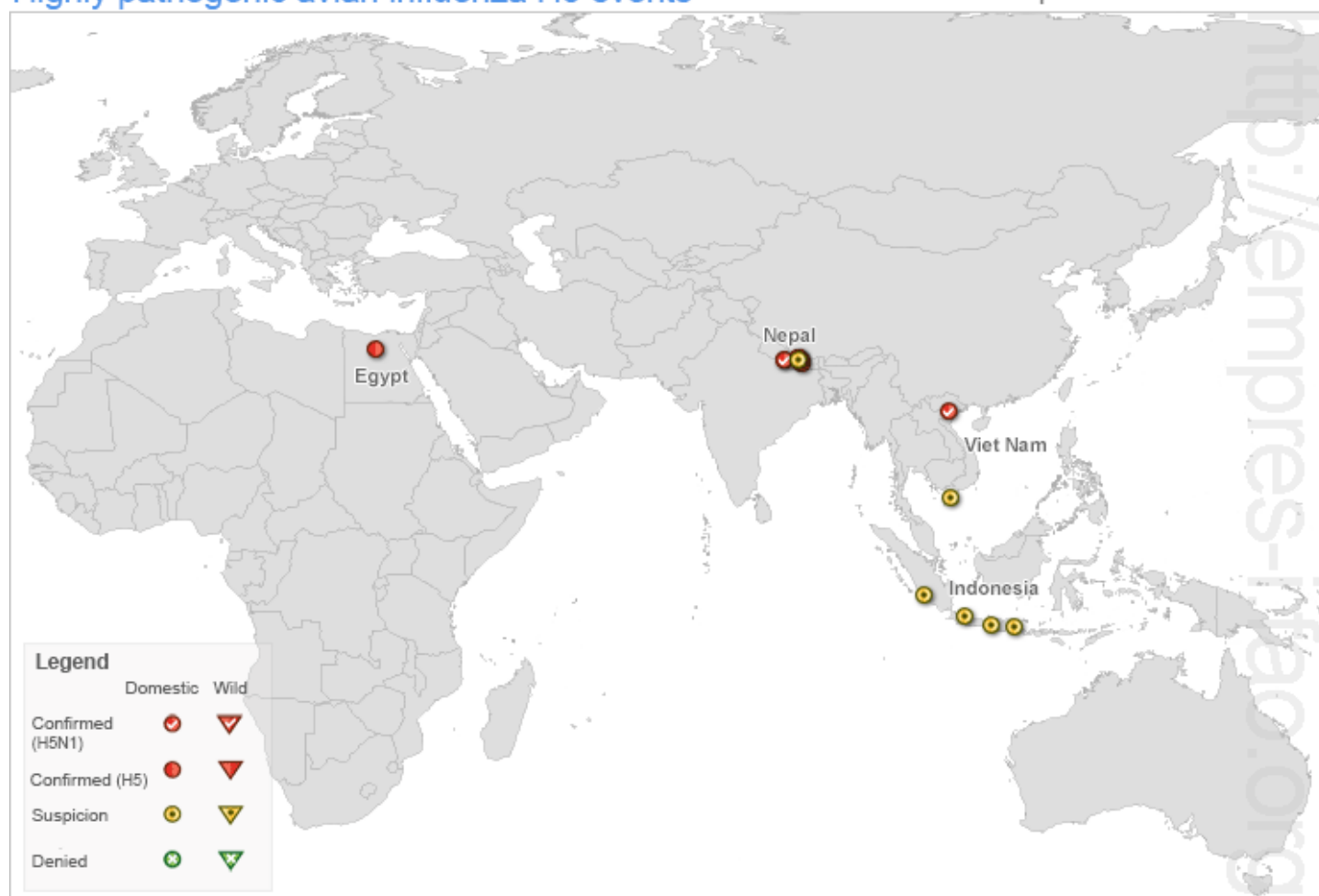


Highly pathogenic avian influenza H5 events

17 September - 17 October 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 is not included in this map. **Source:** FAO EMPRES-i <http://empres-i.fao.org/empres-i/home>

The current map 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.

WHAT'S NEW in this issue?

ASIAN REGION

China

- Confirmed H7N9 infection in a human (Zhejiang)
- Additional information on the confirmed H7N9 infection in a human (Zhejiang)

Indonesia

- Confirmed H5N1 infection in a human (West Java)
- Suspected H5N1 outbreak in poultry (Bengkulu, West Java)

Viet Nam

- Confirmed H5N1 HPAI outbreaks in poultry (Hoa Binh)
- Suspected H5N1 outbreak in poultry (Bac Liu)

OCEANIAN REGION

Australia

- Confirmed H7N2 HPAI outbreak in poultry (New South Wales)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

ASIAN REGION

China

OFFICIAL

15/10/2013 - Confirmed H7N9 infection in a human, Zhejiang (Chinese Government)

The Chinese Government reported a human infection of avian influenza A(H7N9) in Zhejiang Province. The patient, a 35-year-old male, lives in Shaoxing County, Zhejiang Province, and is a staff of a company. He was first admitted in a health clinic in the county on 8 October 2013, and is currently being treated at the Shaoxing Country Hospital. The patient's

specimens tested positive for H7N9 avian influenza virus nucleic acid by the provincial CDC.

http://www.who.int/csr/don/2013_10_16/en/index.html
http://www.gov.cn/jrzq/2013-10/15/content_2507248.htm
http://www.zjwst.gov.cn/art/2013/10/15/art_362_395434.html

NON-OFFICIAL

16/10/2013 – Additional information on confirmed H7N9 infection in a human, Zhejiang (media)

The patient lived in Shaoxing for more than 20 years. Currently he does graphic design at a local textile company. During the National Day Holiday (2 – 3 OCT 2013), he visited Ningbo City, Zhejiang Province.

<http://news.sina.com.cn/c/p/2013-10-16/033428443428.shtml>

Indonesia

OFFICIAL

07/10/2013 - Confirmed H5N1 infection in a human, West Java (MoH)

The Indonesia Ministry of Health has confirmed the country's second H5N1 case in 2013. The patient is a 28-year-old male, truck driver from Cibitung, Bekasi Regency, West Java Province. The man developed a fever, aches, and back pain on 16 September 2013 and died of suspected H5N1 infection on 27 September 2013; later H5N1 avian influenza was confirmed by the Center for Biomedical and Healthcare Technology Association. The patient owned ornamental birds and pigeons. There is a field which is used once a week to stage pigeon races that is within less than 50 meters [55 yards] from the front of the patient's house. A lot of birds, especially pigeons, kept by local residents, can be found in the surrounding neighbourhood.

<http://www.depkes.go.id/index.php?vw=2&id=SNR.13100006>

NON-OFFICIAL

17/10/2013 - Suspected H5N1 outbreak in poultry, West Java (media)

H5N1 HPAI is suspected in Cibogohilir Peuntas, Cibogohilir Village, Sempur Village in Plered District, Purwakarta Regency, West Java, where about 200 chickens died with clinical signs resembling avian influenza. For the last two weeks there have been many sudden deaths of chickens observed. In the afternoon the chickens were still healthy, but dead by the following morning.

<http://www.republika.co.id/berita/nasional/jawa-barat-nasional/13/10/17/murvy31-disnakan-duga-kematian-unggas-akibat-flu-burung>
<http://www.republika.co.id/berita/internasional/global/13/09/16/mt7z41-flu-burung-masih-menjadi-ancaman-serius-manusia>

13/10/2013 - Suspected H5N1 outbreak in poultry, Bengkulu (media)

H5N1 HPAI is suspected in Dusun Besar Village, Singaran Pati District, Bengkulu City, Bengkulu Province, after 15 chickens died. The chickens tested positive for avian influenza by a rapid test. The chickens were hens recently introduced from the Panorama Market in Bengkulu City.

<http://rakyatbengkulutv.com/2013/10/15/kelurahan-kandang-positif-flu-burung/>
<http://regional.kompas.com/read/2013/10/13/2047039/1.Warga.Bengkulu.Diduga.Terkena.Flu.Burung>

Viet Nam

OFFICIAL

13/10/2013 - Confirmed H5N1 HPAI outbreaks in poultry, Hoa Binh (DAH/MARD)

Avian Influenza outbreak have occurred in two households on 7 October 2013, in the Gieng Em Village, Nhuan Trách Commune, Luong Son District, where a flock of 700 ducks and 475 chickens were located. A total of 370 poultry died and the rest were destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=14229

http://www.cucthuy.gov.vn/index.php?option=com_k2&view=item&id=1392:th%C3%B4ng-tin-v%E1%BB%81-t%C3%ACnh-h%C3%ACnh-d%E1%BB%8Bch-c%C3%BAm-gia-c%E1%BA%A7m-lm-v%C3%A0-tai-xanh-ng%C3%A0y-13/10/2013

NON-OFFICIAL

14/10/2013 - Suspected H5N1 outbreak in poultry, Bac Lieu (media)

The Veterinary Authority, in collaboration with local authorities, have culled 3 460 chickens at a chicken farm in Cai Tram Hamlet, Long Thanh Commune, Vinh Loi District, Bac Lieu Province, after tests confirmed the birds have been infected with the H5N1 avian influenza virus.

<http://www.thanhvien.com.vn/pages/20131013/o-dich-cum-gia-cam-o-bac-lieu.aspx>

OCEANIAN REGION

Australia

OFFICIAL

15/10/2013 – Confirmed H7N2 HPAI outbreak in poultry, New South Wales (National authorities and OIE)

An outbreak of H7N2 HPAI was reported in layer hens near Young, New South Wales. The birds were both free range and caged, between 22 and 79 weeks of age. A total of 18 000 poultry died out of a susceptible population of 435 000. The farm has been placed under quarantine; movements on and off the property are being controlled. The Department of Primary Industries and the Livestock Health and Pest Authority are continuing surveillance and tracing to confirm the virus has not spread.

<http://www.dpi.nsw.gov.au/agriculture/livestock/poultry/health-disease/avian-influenza>
http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=14249

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: 23/09/13 Reported: 25/09/13 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

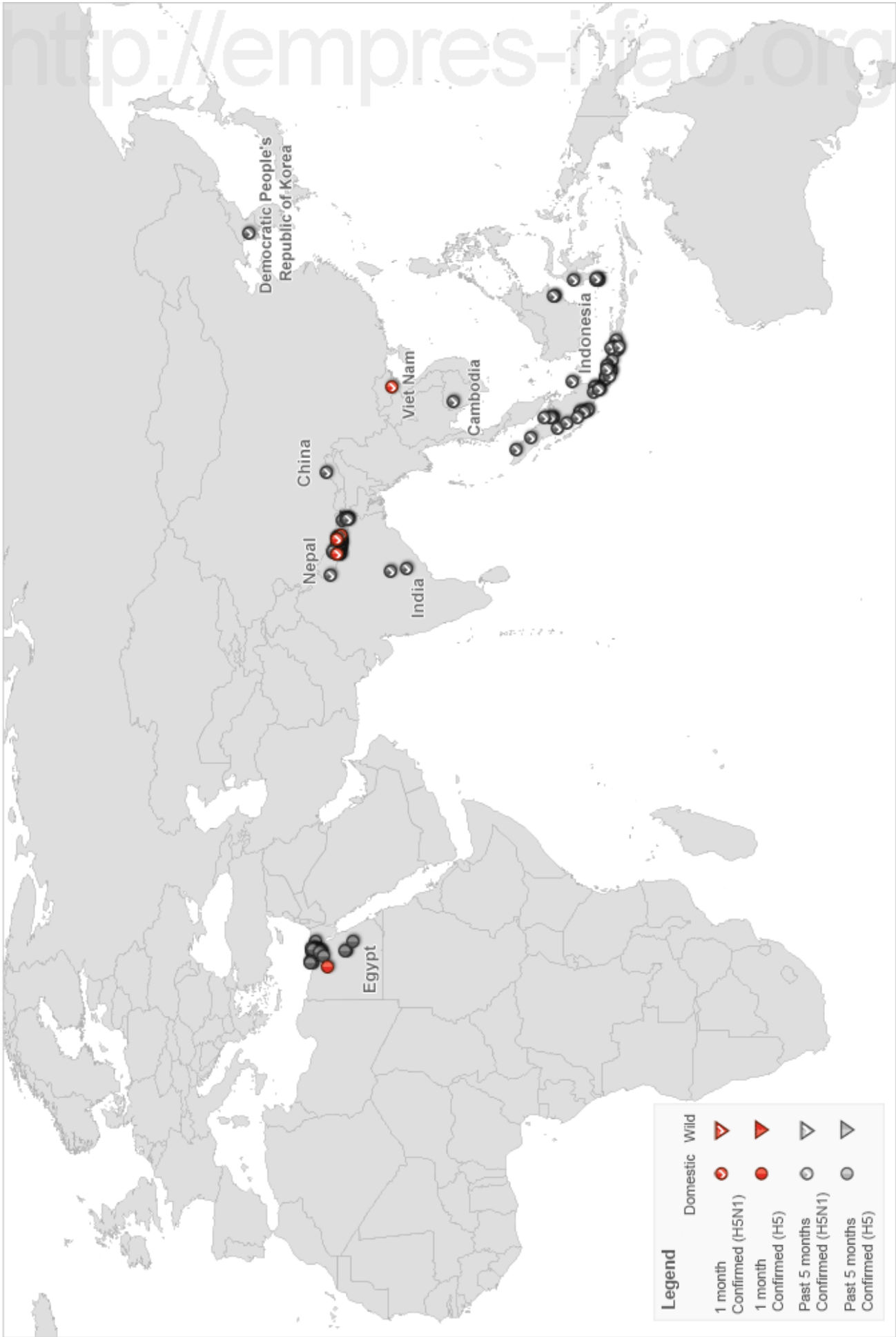
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 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: 12/08/13 Reported: 19/08/13 Battambang	domestic poultry, wild birds	41/30
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: Early July 2013 Reported: 28/07/13 Bandung	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: 09/08/13 Reported: 21/09/13 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

17 April - 17 October 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.