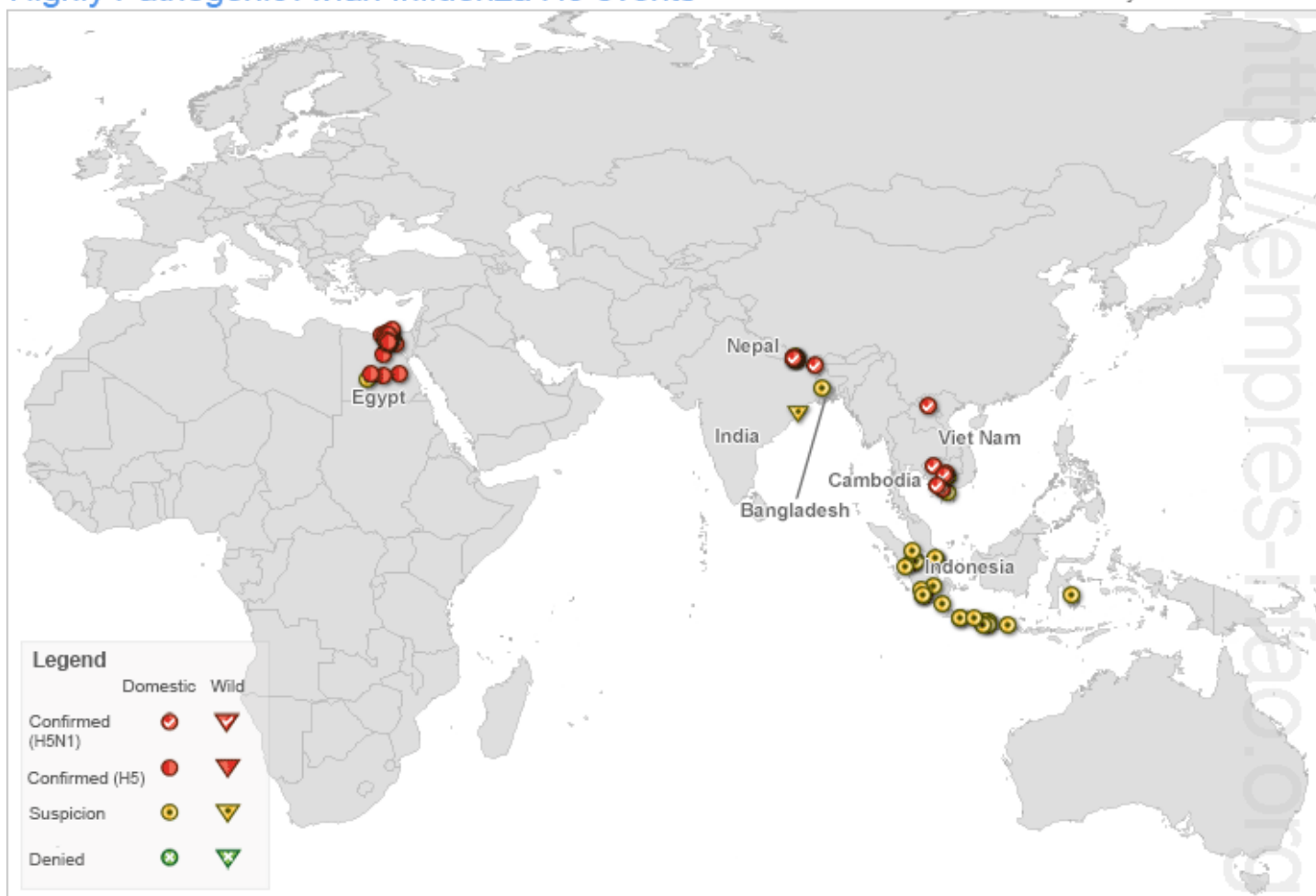


No. 569 | 07 March 2013

prepared by EMPRES / FAO-GLEWS

Highly Pathogenic Avian Influenza H5 events

07 February - 07 March 2013



Note: A map of H5 HPAI events during the latest six months is shown on the last page.

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

WHAT'S NEW in this issue?

AFRICAN REGION**Egypt**

- Confirmed H5 HPAI outbreaks in poultry (Cairo, Dakahlia, Damietta, Giza, Menofia, New Valley)

ASIAN REGION**Cambodia**

- Confirmed H5N1 HPAI outbreak in poultry (Siem Reap)

Viet Nam

- Confirmed H5N1 HPAI outbreaks in poultry (Dien Bien, Khanh Hoa and Kien Giang)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION**Egypt****OFFICIAL**

05/03/13 – Confirmed H5 HPAI outbreaks in poultry, Cairo, Dakahlia, Damietta, Giza, Menofia, New Valley (FAO Field Officer)

Between 22 February and 2 March 2013, eight H5 HPAI outbreaks were reported in poultry in Cairo (1), Dakahlia (1), Damietta (1), Giza (2), Menofia (2) and New Valley (1) Governorates. Two outbreaks were detected in vaccinated commercial chicken farms in Menofia and the rest were detected in un-vaccinated household poultry (chickens, ducks and turkeys). The outbreaks in Giza, Damietta, New Valley and Cairo Governorates were reported through passive surveillance and the outbreaks in Menofia were detected by active surveillance, while the one in Dakahlia was detected through community-based animal health outreach (CAHO).

AMERICAN REGION**Mexico****OFFICIAL**

28/02/13 – Confirmed H7N3 HPAI outbreaks in poultry, Guanajuato (World Organisation for Animal Health -OIE)

Eleven outbreaks of H7N3 HPAI have been reported in poultry in Guanajuato Province. The outbreaks started on 16 February 2013. A total of 62 158 birds were affected out of a susceptible population of 1 014 018 and 49 665 died. The remaining population was destroyed.

http://www.oie.int/wahis_2/temp/reports/en_fup_0000013092_20130228_141633.pdf

ASIAN REGION**Cambodia****OFFICIAL**

05/03/13 – Confirmed H5N1 HPAI outbreak in poultry, Siem Reap (FAO Field Officer)

The Ministry of Agriculture, Forestry and Fisheries declared an outbreak of H5N1 HPAI in a poultry farm in Khnar Thmey Village, Chhreav Commune, Siem Reap District, Siem Reap Province on 23 February 2013. A total of 355 chickens, 2 000 quails and four pigeons were destroyed.

22/02/13 – Confirmed H5N1 HPAI outbreaks in poultry, Kampong Cham and Kampot (World Organisation for Animal Health -OIE)

Three outbreaks of H5N1 HPAI were reported in backyard poultry in Kampong Cham and Kampot Provinces. A total of 854 birds died and 1 778 were destroyed. Samples taken by the investigation team, which were collected after receiving farmers' reports on sick or dead poultry, tested positive for H5N1. The names of villages where outbreaks were reported are: Kbal Au, Mesorchrey, Steung Strang District, and Talay, Kor, Prey Chhor District in Kampong Cham Province; Sro Ngae, Beung Nimol, Chhuk District, in Kampot Province.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13050

27/02/13 – Confirmed H5N1 infection in a human, Kampong Cham (Press release)

The ninth case, a 35-year old male from Kbal Ou Village, Me Sar Chrey Commune, Stueng Trang District, was found positive for influenza H5N1 on 23 February 2013 by Institut Pasteur du Cambodge. He started showing symptoms on 8 February 2013 and died on 25 February 2013. There is evidence of recent deaths among poultry in the village and the man had history of coming into contact with sick poultry prior to becoming sick.

http://www.un.org.kh/index.php?option=com_content&view=article&id=610:2013-h5n1-sixthreport&catid=65:avian-influenza-h5n1&Itemid=119
<http://www.cdc.gov.kh/PressRelease/30thAIPressReleaseEng.pdf>

NON-OFFICIAL

27/02/13 – Additional information on confirmed H5N1 infection in a human, Kampong Cham (Media)

Less than two months after it began, the Kingdom's current outbreak of avian influenza has become the country's largest on record. A thirty-five-year old man from Kampong Cham died on Monday [25 February 2013] becoming the ninth known case and eighth death since the outbreak began. That matches the death toll and surpasses by one the number of cases reported in the entire 2011 outbreak, which spanned a period of approximately seven months. The patient is believed to have caught the H5N1 virus almost three weeks ago on 6 February 2013, after eating two infected ducks. The provincial health department's director said test results, sent to the Republic of Korea, confirmed on Saturday, 23 February 2013,

that the man had avian influenza. A Rapid Response Team was sent to the village immediately after the diagnosis and more than 300 poultry have since been culled. A World Health Organisation spokesman said they were watching the situation closely; in our few investigations there has been a heightened movement of poultry for the Lunar New Year and we're expecting another one for the Khmer New Year.

<http://www.phnompenhpost.com/2013022761640/National/outbreak-worst-ever.html>
<http://www.thanhvien.com.vn/Pages/20130227/da-co-8-nguoi-chet-vi-cum-gia-cam-o-campuchia.aspx>

India**NON-OFFICIAL**

23-24/02/13 – Suspected H5N1 infection in a wild bird, Odisha (Media)

Avian influenza scare came back to roost in the state after a migratory bird in Chilika Lake reportedly tested positive. Out of eight samples of migratory birds (2 Ruddy Shelducks, 2 Eurasian Wigeons, 2 Gadwals and a Northern Pintail and a Shoveller) tested at High Security Animal Disease (HSAD) Laboratory in Bhopal, a northern pintail (*Anas acuta*) reportedly tested positive for HPAI. A watch has been kept in Nalabana Bird Sanctuary, but so far no bird casualty has been noticed nor reported, according to the Chief Wildlife Warden.

http://articles.timesofindia.indiatimes.com/2013-02-23/bhubaneswar/37256981_1_bhopal-laboratory-bird-flu-high-security-animal-disease
<http://newindianexpress.com/states/odisha/article1476794.ece>

Viet Nam**OFFICIAL**

28/02/13 – Confirmed H5N1 HPAI outbreaks in poultry, Dien Bien, Khanh Hoa and Kien Giang (Department of Animal Health - DAH)

H5N1 HPAI outbreaks have been reported in poultry in Dien Bien (reported below in the Non-Official section), Khanh Hoa and Kien Giang Provinces.

http://www.cucthuy.gov.vn/index.php?option=com_k2&view=item&id=1171: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-lmlm-v%C3%A0-tai-xanh-ng%C3%A0y-28/2/2013

NON-OFFICIAL

23/02/13 – Suspected H5N1 HPAI outbreak in poultry, Dien Bien (Media)

The northwestern mountain province of Dien Bien has declared an outbreak of avian influenza in Thanh Xuong Commune, Dien Bien District; the outbreak was detected on 19 February 2013. All three blood samples taken from waterfowl, tested positive H5N1 virus. Local authorities and veterinarians killed more than 350 birds and disinfected the affected farms.

<http://english.vov.vn/Society/Bird-flu-recurs-in-Dien-Bien/255500.vov>

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: 28/02/13 Reported: 02/03/13 Cairo	domestic poultry	170/61
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

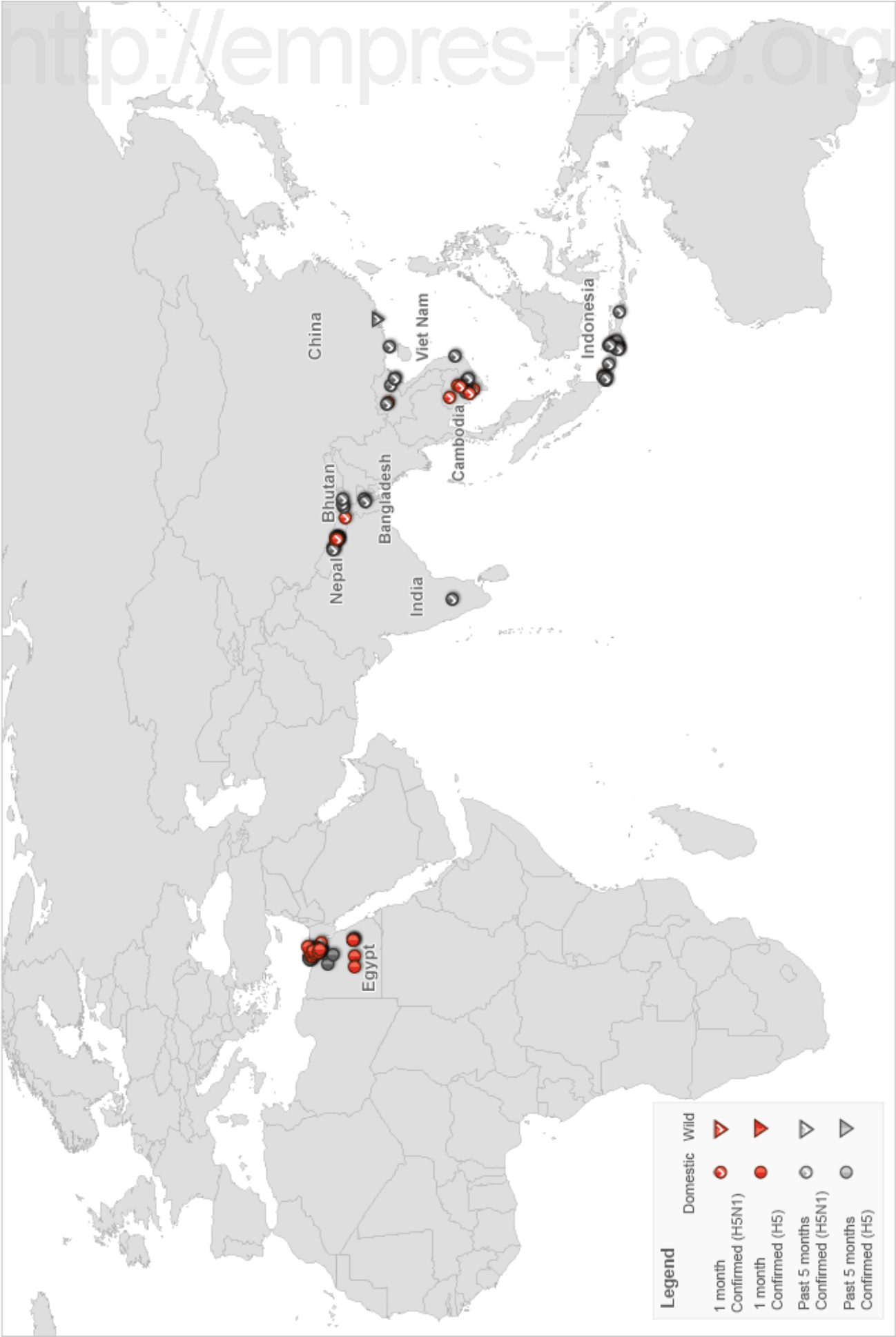
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 17/12/12 Reported: 05/02/13 Dhaka	domestic poultry	6/0
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: 23/02/13 Reported: 05/03/13 Siem Reap	domestic poultry, wild birds	29/26
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 11/09/12 Reported: 19/09/12 Guangdong	wild birds, domestic poultry	43/28
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	2/0
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 12/10/12 Reported: 26/10/12 Karnataka	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 28/07/12 Reported: 28/07/12 Aceh	domestic poultry	192/160
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: 05/02/13 Reported: 18/02/13 Bagmati	domestic poultry	
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	Reported: 28/03/13 Dien Bien, Khanh Hoa, Kien Giang	domestic poultry	123/61
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 Srednjobosan ski	Observed: 16/02/06 Reported: 20/02/06 Srednjobosan 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: 23/02/2006 Reported: 27/03/2006 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: 28/02/2006 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 confirmed outbreaks

07 September 2012 - 07 March 2013



CONTACTS

DISCLAIMER

The HPAI Situation Update compiles data on Highly Pathogenic Avian Influenza 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 *HPAI 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 ECTAD HPAI Situation Update 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 the 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 FAO HPAI Situation Update please contact FAO EMPRES/GLEWS at GLEWS@fao.org

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 non-official reports.

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.