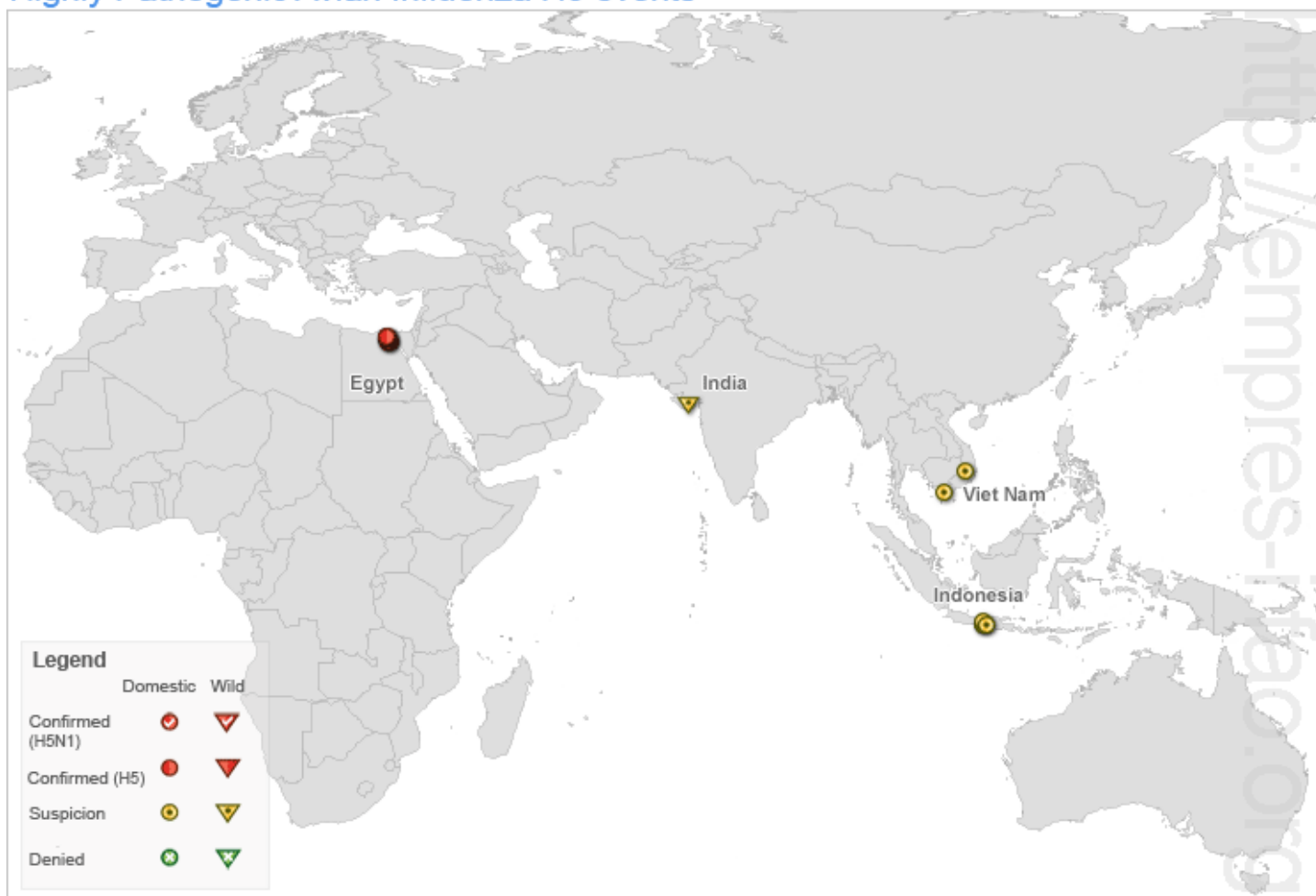


Highly Pathogenic Avian Influenza H5 events

06 November - 06 December 2012



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 H5N1 HPAI outbreaks in poultry (Giza and Menofia)

ASIAN REGION**India**

- Suspected H5N1 infection in wild birds (Gujarat)

Viet Nam

- Suspected H5N1 HPAI outbreaks in poultry (Dak Lak, Kien Giang)

AFRICAN REGION

Egypt**OFFICIAL**

07/12/12 – Confirmed H5 HPAI outbreaks in poultry, Giza and Menofia (FAO Field Officer)

Between 22 November and 5 December 2012, H5 HPAI was detected in poultry in four locations: Menofia (3) and Giza (1) Governorates, through active surveillance. Two of them were detected in live-bird markets, in Menofia and Giza Governorates, in ducks and geese respectively, and the other two outbreaks were detected in households in the Menofia Governorate (ducks and chickens). The affected birds were unvaccinated.

27/11/12 – Confirmed H5 HPAI outbreaks in poultry, Giza and Menofia (FAO Field Officer)

Between 8 and 27 November 2012, H5 HPAI was detected in three live-bird markets in unvaccinated poultry: one in Menofia (turkeys) and two in Giza (ducks) Governorates. The outbreaks were detected by active surveillance

NOTE: UPDATED INFORMATION IS INDICATED IN RED

ASIAN REGION

China

OFFICIAL

23/11/12 – Confirmed H5N2 avian influenza in poultry, Province of Taiwan – Pengu Country (Bureau of Animal and Plant Health Inspection and Quarantine)

On 22 November 2012, the presence of avian influenza H5N2 was detected on an indigenous chicken farm in Penghu County during seasonal active surveillance. Although only nucleic acid of the virus was detected, the county government started culling before the results of the pathogenicity tests were completed. The clinical and epidemiological investigations of surrounding poultry farms within a three-km radius found no suspected cases.

http://www.baphiq.gov.tw/newsview.php?menu=1054&typeid=1056&news_id=6986

23/11/12 – Confirmed H5N2 low pathogenic avian influenza in poultry, Province of Taiwan – Chia-I (Bureau of Animal and Plant Health Inspection and Quarantine)

On 22 November 2012, the presence of avian influenza H5N2 LPAI was detected on a 15 700 bird layer chicken farm in Pu-Zih, Chia-I, from samples taken during seasonal active surveillance and identified as the H5N2 strain by virus isolation. Movement restriction was implemented on the infected farm. Clinical and epidemiological investigation in the infected farm was done and the result showed that the layers were in healthy condition without a drop of egg production. The positive results of serological, virological tests and analyzed data of gene sequencing confirmed this H5N2 outbreak as LPAI. The clinical and epidemiological investigations of surrounding poultry farms were conducted. Note by the OIE Animal Health Information Department: H5 and H7 avian influenza in its low pathogenic form in poultry is a notifiable disease as per Chapter 10.4. on avian influenza of the Terrestrial Animal Health Code (2012).

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12615

NON-OFFICIAL

27/11/12 – Suspected H5N2 avian influenza in poultry, Province of Taiwan (Media)

An outbreak of avian influenza was reported for the first time in Penghu in a poultry farm on 22 November 2012; 600 chickens were culled (the official report is listed above). The report states that on 19 November 2012, 150 native chickens died on a farm. The farmer took sick and dead chickens to the Penghu Livestock Disease Control Inspection for testing. The test results of 22 November 2012, were positive for H5N2. It will take two days to identify if this avian influenza is LPAI or HPAI. The chicken farms within a three km radius will be under movement control for 21 days. If the results indicate HPAI, the birds in this radius will be culled. Clinical signs of avian influenza have not yet been found in farms around the infected farm.

<http://www.huaxia.com/xw/twxw/2012/11/3098681.html>

India

NON-OFFICIAL

03/12/12 – Suspected H5N1 infection in wild birds, Gujarat (Media)

The sudden death of 38 cranes in the wetlands (salt pans) close to Victor Village in Rajula range of Amreli District has raised fears of a return of the deadly avian influenza virus. The first five deaths were spotted on 1 December 2012 and another 30 birds died on 2 December; two eagles, believed to have feasted on the dead cranes, were also found dead. The post-mortem of the five birds showed that they had died due to respiratory troubles. Cranes migrate to the wetlands in this part of Gujarat from Siberia during the four months of winter.

The salt pans belong to Gujarat Heavy Chemicals Limited (GHCL), a company involved in the production of salt. The forest department may send samples to Junagadh or Bhopal to know more details about the cause of deaths. A team of veterinarians from Amreli is also likely to visit the place to collect samples. The director of Bombay Natural History Society (BNHS) said that stomach samples of the birds should be sent to know if they died due to unintentional pesticide poisoning or avian influenza.

http://www.dnaindia.com/india/report_38-cranes-dead-in-gujarat-avian-flu-back_1772683
<http://daily.bhaskar.com/article/GUJ-AHD-gujarat-38-cranes-dead-avian-flu-back-4097826-NOR.html>

Indonesia

NON-OFFICIAL

26/11/12 – Suspected H5N1 HPAI outbreak in poultry, Central Java (Media)

An outbreak of H5N1 HPAI reoccurred in Winton, in Ngelo Hamlet, Semin Village, Nguntoronadi District, Wonogiri Regency, Central Java, affecting 700 ducks of which 200 died.

<http://www.solopos.com/2012/11/26/lagi-ai-serang-bebek-di-wonogiri-200-ekor-mati-350978>

Viet Nam

NON-OFFICIAL

03/12/12 – Suspected H5N1 HPAI outbreak in poultry, Kien Giang associated with a suspected H5N1 infection in a human (Media)

H5N1 infection is suspected in a 42-year old male from Thuan An Town, Binh Duong Province, who died in the Ho Chi Minh City Hospital for Tropical Diseases in early December 2012. He had visited his family in Kien Giang Province for the holidays before became ill. The family had a flock of ducks that were dying. He brought three diseased ducks to Binh Duong and ate the meat. When he was back in Binh Duong, he began to feel tired, had a sore throat and was feverish. Following results of his X-ray H5N1 has been suspected from his X-ray results associated with the clinical symptoms. Binh Duong Province has carried out disinfection; tests have been carried out at the Hospital for Tropical Diseases and the Pasteur Institute in Ho Chi Minh City.

<http://www.baomoi.com/Home/SuckKhoe/vnexpress.net/Ca-tu-vong-giong-nhiem-cum-gia-cam/9888533.epi>
<http://dantri.com.vn/suc-khoe/mot-benh-nhan-nghi-nhiem-cum-h5n1-668782.htm>

29/11/12 – Suspected H5N1 HPAI outbreak in poultry, Dak Lak (Media)

Local authorities in Central Highlands Dak Lak Province instructed destroying a flock of more than 1,300 ducks and 9,800 duck eggs in Ea Nuol Commune, Buon Don District due to their infection to the avian influenza H5N1, reported the local Agriculture and Rural Development Department on 27 November 2012. Sanitation measures to sterilize the farm and surrounding areas have been implemented as well as epidemiological monitoring. A local report said that earlier this month [November], a farmer from Buon Ma Thuot City, Dak Lak Province observed signs of the disease but did not report, over 5,000 ducks died. The poultry owner of the current outbreak brought 23 live ducks from the flock and raised them in his farm.

<http://www.nzweek.com/healthlifestyle/avian-influenza-h5n1-re-breaks-out-in-vietnams-central-highlands-34707/>

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: 26/11/12 Reported: 27/11/12 Menofia	domestic poultry	168/60
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

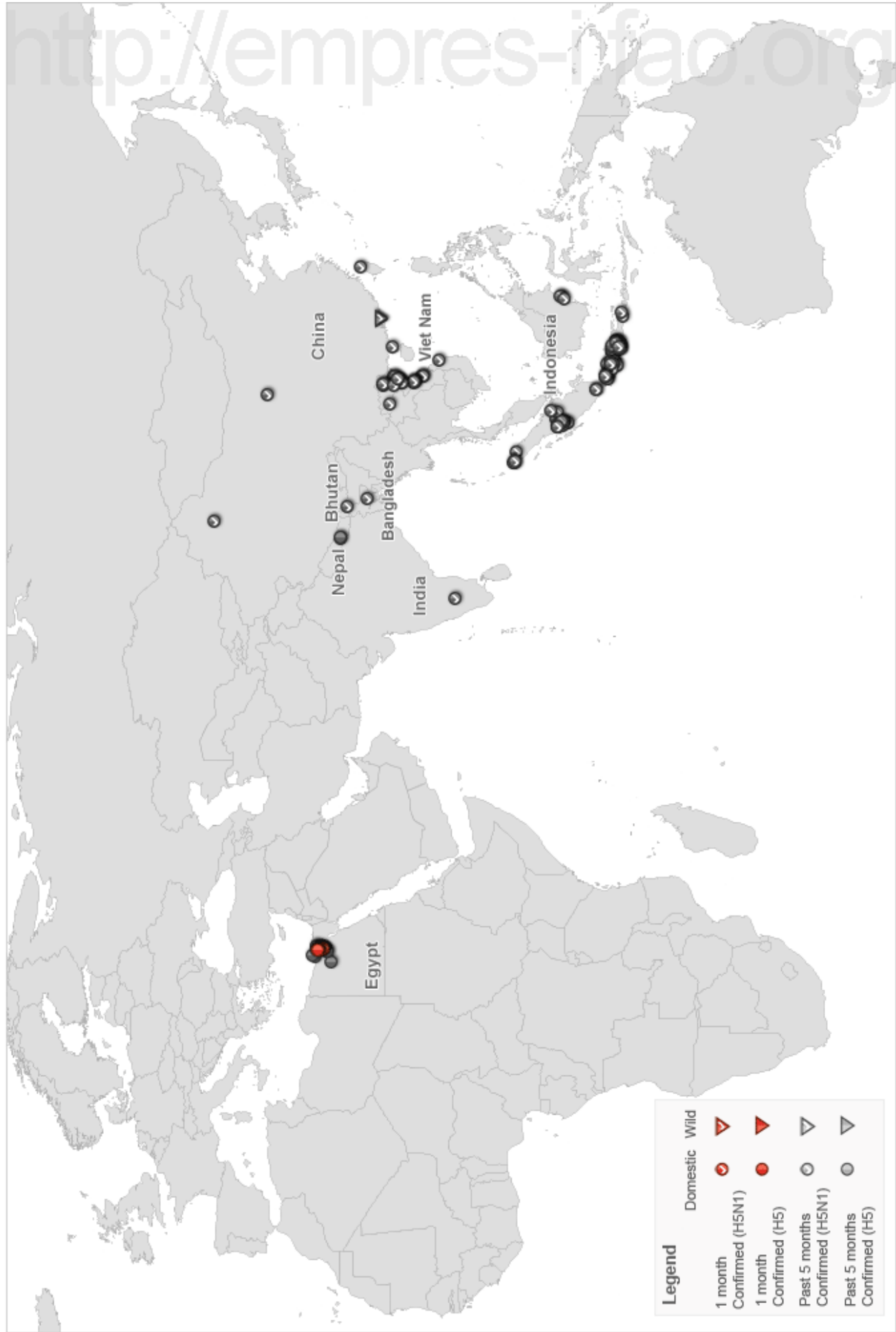
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 23/10/12 Reported: 19/11/12 Dhaka	domestic poultry	6/0
Bhutan	Observed: 18/02/10 Reported: 23/02/10 Chhukha	Observed: 08/10/12 Reported: 17/10/12 Chhukha	domestic poultry	
Cambodia	Reported: 12/01/04 Phnom Penh, Tuol Kouk	Observed: 03/11/11 Reported: 07/11/11 Battambang	domestic poultry, wild birds	21/19
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	Reported: 05/07/12 Mong Kok	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	191/159
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, 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 Sayaboury, 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: 06/10/12 Reported: 02/11/12 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	Observed: 12/10/12 Reported: 25/10/12 Dien Bien	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 Varna, 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

06 June - 06 December 2012



CONTACTS

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 the EMPRES/GLEWS team of FAO GLEWS@fao.org

DISCLAIMER

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.