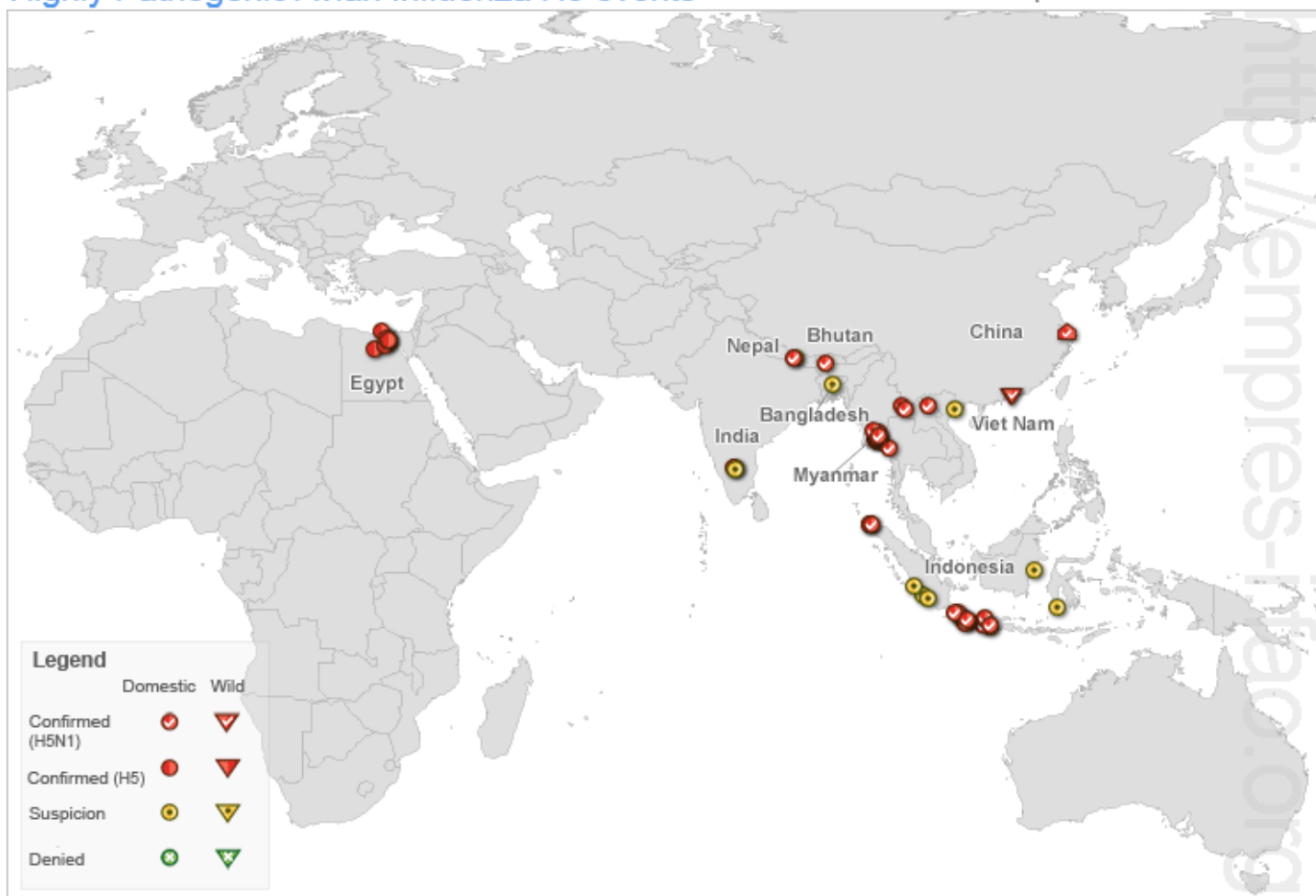


Highly Pathogenic Avian Influenza H5 events

30 September - 31 October 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

- Suspected H5 HPAI outbreaks in poultry (Menofia)

ASIAN REGION

Bhutan

- Additional information on confirmed H5N1 HPAI outbreak in poultry (Chukha)

India

- Confirmed and suspected H5N1 HPAI outbreak in poultry (Karnataka)

Indonesia

- Suspected H5N1 HPAI outbreak in poultry (South Sulawesi, West Java)

Viet Nam

- Suspected H5N1 HPAI outbreak in poultry (Hai Phong)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION

Egypt

OFFICIAL

21/10/12 – Confirmed H5 HPAI outbreaks in poultry, Giza and Menofia (FAO Field Officer)

Between 10 and 17 October 2012 H5 HPAI was detected in unvaccinated ducks in a live bird market in Giza Governorate and in a household ducks of unknown vaccination status in Menofia Governorate. The outbreak in Giza Governorate was detected targeted surveillance; the outbreak in Menofia Governorate was detected through community-based animal health outreach (CAHO).

NON-OFFICIAL**30/10/12 – Suspected H5 HPAI outbreaks in poultry, Menofia (Media)**

The Directorate of Veterinary Medicine of Menofia, declared on Sunday [28 October 2012] morning the detection of a new avian influenza case in Ashmoun public market. Within the campaign organized by the directorate for this purpose, samples were collected from the birds from villages and districts; the samples were tested positive for HPAI. Culling and disposal (burial) of infected birds is underway coupled with market disinfection. Samples from persons in direct contact with birds were taken and are being tested.

<http://gate.ahram.org.eg/News/266458.aspx>

21/10/12 – Suspected H5 HPAI outbreaks in poultry, Menofia (Media)

HPAI was suspected in a live bird market in Menofia Governorate. The Veterinary Medicine Department manager in Menofia Governorate declared the discovery of avian influenza inside the birds market in Quasna city. Samples from the birds sent to the national laboratory tested positive.

<http://www.el-balad.com/293809>.

ASIAN REGION**Bangladesh****NON-OFFICIAL****24/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Dhaka (Ministry of Agriculture and Forestry)**

About 4,000 chickens were culled at a poultry farm at Pabur village in Kapasia Upazila, Gazipur District, Dhaka Division on Tuesday night [23 October 2012] after they were found to be affected by Avian Influenza virus. Sources at the district livestock office and the Poultry Farm said 3,977 chickens were culled after 10 pm and the culled chickens were buried. The chickens were culled to contain the spread of Avian Influenza within 12 hours of confirmation that the farm was affected by Avian Influenza virus, the sources added.

Bhutan**OFFICIAL****30/10/12 – Additional information on confirmed H5N1 HPAI outbreak in poultry, Chukha (OIE – World Organization for Animal Health)**

The H5N1 HPAI outbreak in poultry from Rinchending, Phuntsholing, Chukha District has been reported to the OIE with the test results from the Regional Reference Laboratory (High Security Animal Disease Laboratory, Bhopal, India).

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12491

17/10/12 – Confirmed H5N1 HPAI outbreak in poultry, Chukha (Ministry of Agriculture and Forestry)

An outbreak of H5N1 HPAI was confirmed in poultry from Rinchending, Phuntsholing, Chukha District on 16 October 2012. Samples received at the national reference laboratory at Serbithang tested positive for H5N1 HPAI by real time Reverse Transcriptase Polymerase Chain Reaction (rRT-PCR). Detailed investigation of the affected area revealed that approximately 14 birds died during the past week [the week of 8 October]. Once the cases were reported to be positive for H5N1 HPAI, the National Centre for Animal Health (NCAH) immediately informed the Regional Veterinary Officer of the Regional Livestock Development Centre, Tsimasham who is leading the control operations in Phuntsholing. Currently, there are only about 30 birds at risk of exposure to the disease at the outbreak location. The dead birds were disposed properly following standard operating procedures in the National Influenza Pandemic Preparedness Plan of the ministry. Officials reported that samples have been sent to the regional reference laboratory in India for further confirmation.

<http://www.moaf.gov.bt/moaf/?p=11780>
<http://www.bbs.bt/news/?p=18725>

India**OFFICIAL****26/10/12 – Confirmed H5N1 HPAI outbreak in poultry, Karnataka (OIE – World Organization for Animal Health & national authorities)**

An outbreak of H5N1 HPAI was reported in a poultry farm in Hessarghatta, Turkey Unit, Central Poultry Development Organization [CPDO], Bangalore Urban, Karnataka State. The outbreak started on 12 October with a total of 3 481 birds affected out of a susceptible population of 4 265. All the affected birds died and the remaining population was destroyed. Epidemiological investigation is ongoing. An intensive surveillance campaign has been launched in 10 km radius zone. Restocking will be applied in accordance with a specified protocol.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12501
http://www.dahd.nic.in/dahd/WriteReadData/avian_influenza_turkey0001.pdf

NON-OFFICIAL**24/10/12 – Suspected H5N1 HPAI outbreak in poultry, Karnataka (Media)**

Chicken and duck deaths were reported over the weekend at the Central Poultry Development Organisation [CPDO] in Hesaraghatta, near Bangalore, where an outbreak of avian influenza killed around 3,600 turkeys over the last days. At the institute, 120 chicken deaths were recorded on Sunday [28 October 2012], while 86 chicken and 17 ducks died on Saturday [27 October 2012]. As a precautionary measure, the department has directed local authorities to close a school that is located on the CPDO premises. To ascertain the cause of death, blood samples have been sent to the High Security Animal Disease Laboratory and that all the dead birds have been disposed of as per the prescribed guidelines under the Government of India Action Plan 2012 for control, containment and eradication of Avian Influenza. The government has also notified 68 villages that fall within a 10-km radius of the organisation, as a 'surveillance zone'. The entire zone is under surveillance and the department has sent fifty serum samples and 41 cloacal samples to the laboratory. However, the government release clarifies that no "unusual mortality has been observed among the poultry and birds" in surrounding villages that fall under the surveillance zone.

<http://www.thehindu.com/news/cities/bangalore/bird-flu-suspected-in-chicken-ducks-at-government-poultry-unit/article4043099.ece>

30/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Karnataka (Media)

A few poultry farmers around Hesaraghatta say that they had lost their birds much earlier than it was officially reported. A poultry unit at Tammarasanahalli, Hesaraghatta hobli, near the CPDO farms, had reported bird deaths, at least 300 birds died two months ago.

<http://www.deccanherald.com/content/289060/flu-struck-two-months-ago.html>

Indonesia**NON-OFFICIAL****30/10/12 – Suspected H5N1 HPAI outbreak in poultry, West Java (Media)**

Dozens of chickens in Peundeuy, Cibiuk Kidul Village, Cibiuk Subdistrict, Garut Regency, West Java Province suddenly died for the past two weeks.

<http://daerah.sindonews.com/read/2012/10/30/21/684024/puluhan-ayam-di-cibiuk-mati-mendadak>

28/10/12 – Suspected H5N1 HPAI outbreaks in poultry, South Sulawesi (Media)

Hundreds of chickens in Salassae, Bulukumpa District, Bulukumba Regency, South Sulawesi Province found dead

suddenly, on Sunday morning (10/28/2012). This incident has started on Saturday (27/10/2012). The cause of death of poultry was not yet known. Poultry (chicken) is not sick, just die," said a chicken farmer. Breeders hoped officials from the Department of Animal Husbandry Bulukumba immediately checked the chicken.

<http://makassar.tribunnews.com/mobile/index.php/2012/10/28/ratusa-n-ayam-mati-mendadak-di-bulukumba>

24/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Bengkulu (Media)

A total of 103 birds in the area tested positive for avian influenza virus since the beginning of October 2012. Hundreds of birds were found positive for H5N1 HPAI in seven villages surrounding Bengkulu City. Poultry also died suddenly in villages in Mukomuko Regency. To prevent further spread of the virus, Agricultural and Animal Husbandry Department of Bengkulu City plans to spray disinfectant on areas of known cases of H5N1 HPAI. In addition, they requested that citizens hand over their chickens to be destroyed. However, most people are unwilling to hand over the surviving poultry to be destroyed voluntarily.

http://m.mediaindonesia.com/index.php/read/2012/10/24/357968/126/101/103_Unggas_di_Bengkulu_Positif_Flu_Burung?utm_medium=twitter&utm_source=twitterfeed

17/10/12 – Suspected H5N1 HPAI outbreaks in poultry, West Java (Media)

Chickens owned by residents from Cipagalo Village, Ciganitri RW 04, Bojongsoang District, Bandung Regency, West Java Province tested positive for H5N1 HPAI.

<http://www.klik-galamedia.com/unggas-di-ciganitri-dipastikan-positif-flu-burung>

Viet Nam

OFFICIAL

25/10/12 – Confirmed H5N1 HPAI outbreaks in poultry, Dien Bien (Department of Animal Health – DAH)

An outbreak of H5N1 HPAI (mentioned by media below) was detected on 12 October 2012 in Noong Luong Commune, Dien Bien District with 1.107 birds affected which are composed of 953 ducks, 127 chickens and 27 Muscovy ducks (*Cairina moschata*). Province Veterinary Service and local authority has culled all of birds affected and applied the controls measures.

http://www.cucthuy.gov.vn/index.php?option=com_k2&view=item&id=1050:thong-tin-ve-tinh-hinh-dich-cum-gia-cam-lmlm-va-tai-xanh-ngay-24/10/2012

NON-OFFICIAL

27/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Hai Phong (Media)

A new H5N1 HPAI outbreak was discovered in a household in Pham Tien on Friday [26 October 2012] in a residential area Dau Son 5, Van Dau Ward, Kien An District. Three samples from the household with poultry were taken and sent to the Animal Health Agency Region II, the test results were positive for the H5N1 HPAI. All the poultry was culled. These ducks were not vaccinated and imported breeds of unknown origin. Currently, the Steering Committee against HPAI of Van Dau Ward, Kien An District has set up temporary checkpoints to control traffic hub in the district and to perform disinfection.

<http://haiphongonline.net/blog/2012/10/27/h%E1%BA%A3i-phong-cum-gia-c%E1%BA%A7m-xu%E1%BA%A5t-hi%E1%BB%87n-tr%E1%BB%9F-I%E1%BA%A1i/>

19/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Dien Bien (Media)

Cases of H5N1 HPAI have been reported in Noong Luong Commune, Dien Bien District in the northern mountainous province of Dien Bien. The outbreak was discovered last Friday [12 October 2012] in two households in the commune's Village 12, with nearly 720 poultry suffering from the disease. Three days later, local authorities discovered nearly 400 other

poultry infected with the H5N1 virus in Village 15. Since the outbreak, authorities have detected and culled more than 1,000 sick poultry in the commune. The province banned sick poultry from being transported, processed and traded out of the affected area, and closely supervised slaughter and trade in other districts and communes of the province. The provincial People's Committee also quarantined the affected areas, and counted the number of poultry, especially ducks in Noong Luong Commune and Muong Thanh District, to ensure that the epidemic does not spread. The Department of Agriculture and Rural Development also gave guidance on carrying out preventive measures such as sterilization of farms where infected poultry have been reported.

<http://vietnamnews.vnagency.com.vn/social-issues/231642/bird-flu-outbreak-in-dien-bien.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: 15/10/2012 Reported: 17/10/2012 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

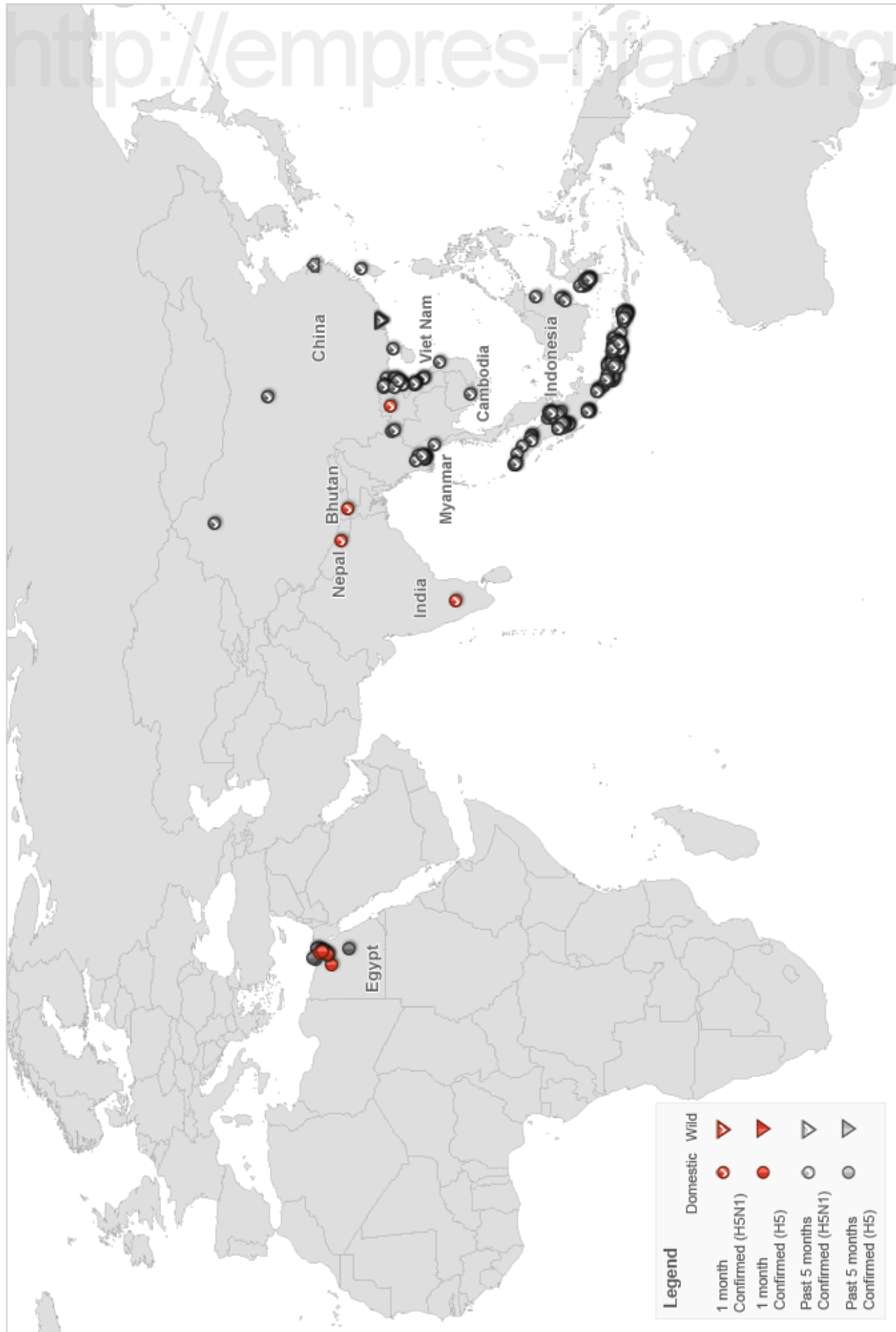
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 04/04/12 Reported: 05/04/12 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 Bengkulu	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: 13/03/2011 Reported: 15/03/2011 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: 27/08/12 Reported: 14/10/12 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: 16/05/2011 Reported: 18/05/2011 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: 23/02/2006 Reported: 27/03/2006 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

30 April - 31 October 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.