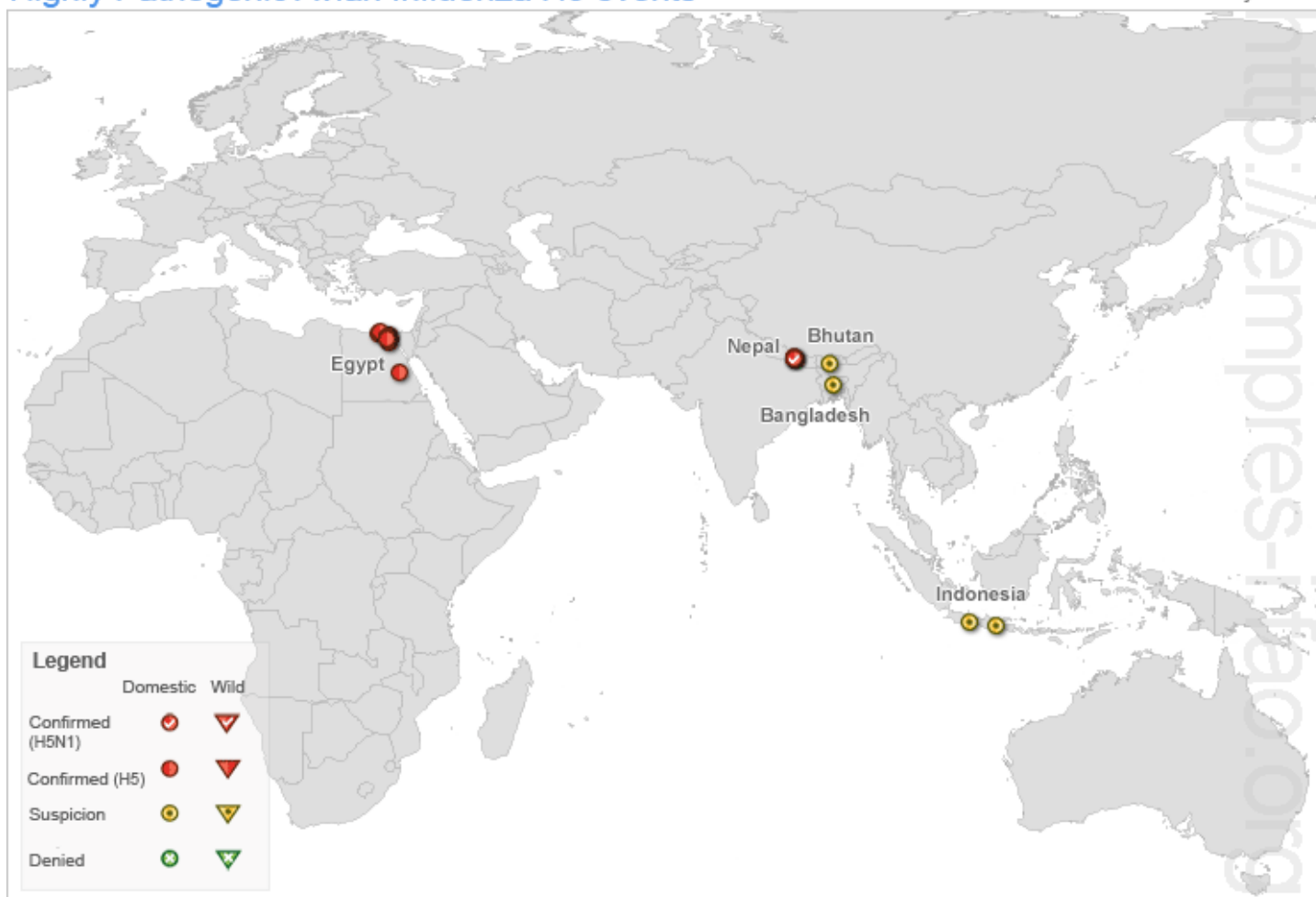


Highly Pathogenic Avian Influenza H5 events

10 December 2012 - 10 January 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 (Menofia)

ASIAN REGION

Bhutan

- Suspected H5N1 HPAI outbreak in poultry (Dagana)

Indonesia

- Suspected H5N1 infection in a human (Banten)

Nepal

- Additional information on suspected H5N1 HPAI outbreak in poultry (Kathmandu)
- Suspected H5N1 HPAI outbreak in poultry (Nuwakot)

NOTE: UPDATED INFORMATION IS INDICATED IN RED**AFRICAN REGION****Egypt****OFFICIAL**

09/01/13 – Confirmed H5 HPAI outbreaks in poultry, Menofia (FAO Field Officer)

Between 2 and 9 January 2012, two H5 HPAI outbreaks were reported, both with an observation date of 27 December 2012, through active surveillance of poultry in live-bird markets in the Menofia (2) Governorate. The vaccination status in both cases was unknown.

02/01/13 – Confirmed H5 HPAI outbreak in poultry, Behera, Gharbia, Giza, Luxor and Menofia (FAO Field Officer)

Between 19 December 2012 and 2 January 2013, seven H5 HPAI outbreaks were detected in poultry in Behera (2), Gharbia (2), Giza (1), Luxor (1) and Menofia (1) Governorates through active and passive surveillance: two outbreaks were detected in live-bird markets with unknown vaccination status in Giza and Menofia; four outbreaks were detected in unvaccinated households birds in Behera (2) and Gharbia (2) and one outbreak was detected in vaccinated chickens in a commercial farm in Luxor.

18/12/12 – Confirmed H5 HPAI outbreak in poultry, Menofia (FAO Field Officer)

Between 12 to 18 December 2012, three H5 HPAI outbreaks were detected in poultry in Menofia Governorate. Two outbreaks were detected in households (duck and chicken) and the remaining one poultry in live-bird markets (duck). All these outbreaks were detected in unvaccinated birds through active surveillance.

ASIAN REGION

Bangladesh

NON-OFFICIAL

26/12/12 – Confirmed H5N1 HPAI outbreak in poultry, Gazipur – (Media)

At least 0.15 million poultry were culled and 0.25 million eggs were destroyed at a poultry farm in Kaliakoir Upazila in Gazipur District soon after the avian influenza virus was confirmed on Monday [24 December 2012]. The samples collected and tested at Gazipur Livestock Research Centre confirmed the presence of H5N1 virus. Re-tests carried out at Central Animal and Poultry Diseases Detection and Research Centre in Dhaka on Monday confirmed that the chicken died of H5N1 HPAI.

<http://www.thefinancialexpress-bd.com/index.php?ref=MjBfMTJfMTJfMTJfMTV84OF8xNTQ0Mzk>

Bhutan

NON-OFFICIAL

03/01/12 – Suspected H5N1 HPAI outbreak in poultry, Dagana – (Media)

A suspected H5N1 HPAI outbreak has been detected in poultry on a farm in Gaon village, about 2.5 kms from Lhamoizingkha [Dagana Province]. The village is popular for rearing mixed types of birds such as ducks, pigeons, geese, chicken etc. Often, wild birds, particularly egrets and poultry birds are seen feeding together. As soon as the cases were detected positive, the Incident Operation Centre was mobilised at Lhamoizingkha, with instructions to undertake immediate disease control and containment measures, as per the National Influenza Preparedness Plan and Standard Operating Procedures. Accordingly, strict vigilance and disinfection measures around the affected areas were initiated to control further spread. The movement of poultry-related products have been restricted. The rapid response team of the Bhutan Agriculture and Food Regulatory Authority (BAFRA) has been also activated for “3D operations” (depopulation, decontamination and disposal); the team depopulated 76 birds on the evening of 30 December 2012. The surveillance team has been also deployed for early detection of the further spread of disease. As of now, no further cases have been reported.

<http://www.moaf.gov.bt/moaf/?p=12890>

Indonesia

NON-OFFICIAL

04/01/12 – Suspected H5N1 HPAI outbreak in a human, Banten – (Media)

The public has asked to increase vigilance against avian influenza. This is because, the disease caused by avian influenza (AI) is thought to have begun infecting people. [On 3 January 2013] a resident of Environment Ciberko, RT / RW 02/02, Village Kalitimbang, District Cibeber, Banten, declared a suspicion of H5N1. Since Wednesday, 2 January 2013, the patient experienced fever, dizziness, and shortness of breath.

http://www.myrepublica.com/portal/index.php?action=news_details&ews_id=47590

31/12/12 – Suspected H5N1 HPAI outbreak in poultry, Bali – (Media)

More than two thousand ducks raised by a number of farmers in the hamlet Kuwum, Banyuatis Village, Banjar District resulted positive for H5N1 HPAI.

<http://www.balipost.co.id/mediadetail.php?module=detailberita&kid=2&id=72893>

31/12/12 – Suspected H5N1 HPAI outbreak in poultry, Bali – (Media)

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<http://www.balipost.co.id/mediadetail.php?module=detailberita&kid=2&id=72893>

Nepal

OFFICIAL

24/12/12 – Confirmed H5N1 HPAI outbreak in poultry, Bagmati - (World Organisation for Animal Health -OIE)

An outbreak of H5N1 HPAI occurred in commercial farm with 42-day-old broiler chicken reared in closed farm premises in Dharke of Dhading, Bagmati Province. The outbreak started on 13 December 2012; a total of 2 850 poultry died out of a susceptible population of 3 000. The remaining population was destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?rep_ortid=12793

NON-OFFICIAL

03/01/2013 – additional information on suspected H5N1 HPAI outbreak in poultry, Kathmandu - (Media)

Over 2 500 chickens were slaughtered at a Lamthoki hatchery in Sitapaila, Kathmandu, on Wednesday, 9 January 2013, following an outbreak of the avian influenza (H5N1) virus.

<http://www.ekantipur.com/2013/01/03/capital/bird-flu-infected-poultry-killed-at-lamthoki/365069/>

03/01/2013 – Suspected H5N1 HPAI outbreak in poultry, Nuwakot - (Media)

H5N1 HPAI was detected in Chaughada VDC in Nuwakot District. The sample taken from a dead chicken at a house in Chaughada VDC Ward No. 1 confirmed the presence of the H5N1 virus. A team of veterinarians from the capital has reached Chaughada to undertake measures to control and prevent the spread of the disease. It was reported that the disease was transmitted to the local poultry from two broiler chickens brought to the village from [an infected farm in] Kathmandu [reported in the Daily update of 03/01/2013]. The area in Nuwakot has been declared an ‘avian influenza infected’ area. All the schools in the area have been closed for three days to prevent the spread of the disease. The sample of the dead chicken was sent to Central Livestock Disease Research Centre, for testing and was found infected by H5N1.

http://www.myrepublica.com/portal/index.php?action=news_details&ews_id=47590

25 & 27/12/12 & 02/01/2013 – Suspected H5N1 HPAI outbreak in poultry, Kathmandu - (Media)

According to the Directorate of Animal Health (DoAH), H5N1 HPAI was detected in three different farms in Kathmandu District; One outbreak was detected in Ramkot-6 of Kathmandu District [on 23 December 2012] where 2 500 chickens died and 19 444 eggs were destroyed. The rapid response teams of District Animal Health Office in Kathmandu will destroy poultry droppings and continue disinfecting the farm. A second outbreak was detected at a farm in Sitapaila VDC-1. Rapid response teams were mobilized immediately after confirmation of the virus and culled all 2 240 chickens at the farm and destroyed chicken feed and eggs stored at the farm. They have also completed the first phase of disinfection at the farm. This farm is about 50 meters from a farm where the H5N1 HPAI outbreak was [previously]

confirmed in Ramkot-6. A third outbreak of H5N1 was confirmed in a poultry farm in Sitapaila, in the capital, on Wednesday morning [26/12/2012].

http://www.myrepublica.com/portal/index.php?action=news_details&news_id=47134

http://www.myrepublica.com/portal/index.php?action=news_details&news_id=47209

http://www.myrepublica.com/portal/index.php?action=news_details&news_id=47209

20/12/12 – Suspected H5N1 HPAI outbreak in poultry, Dhading - (Media)

A poultry farm in Dharke of Dhading District on Wednesday [19 December 2012] has been affected by H5N1 HPAI. The outbreak has been found at the poultry farm of Laxmi Pokharel at Noubise-1, Dharke.

<http://www.kantipuronline.com/2012/12/20/top-story/bird-flu-detected-in-dhading/364414.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: 27/12/12 Reported: 28/12/12 Menofia	domestic poultry	169/60
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

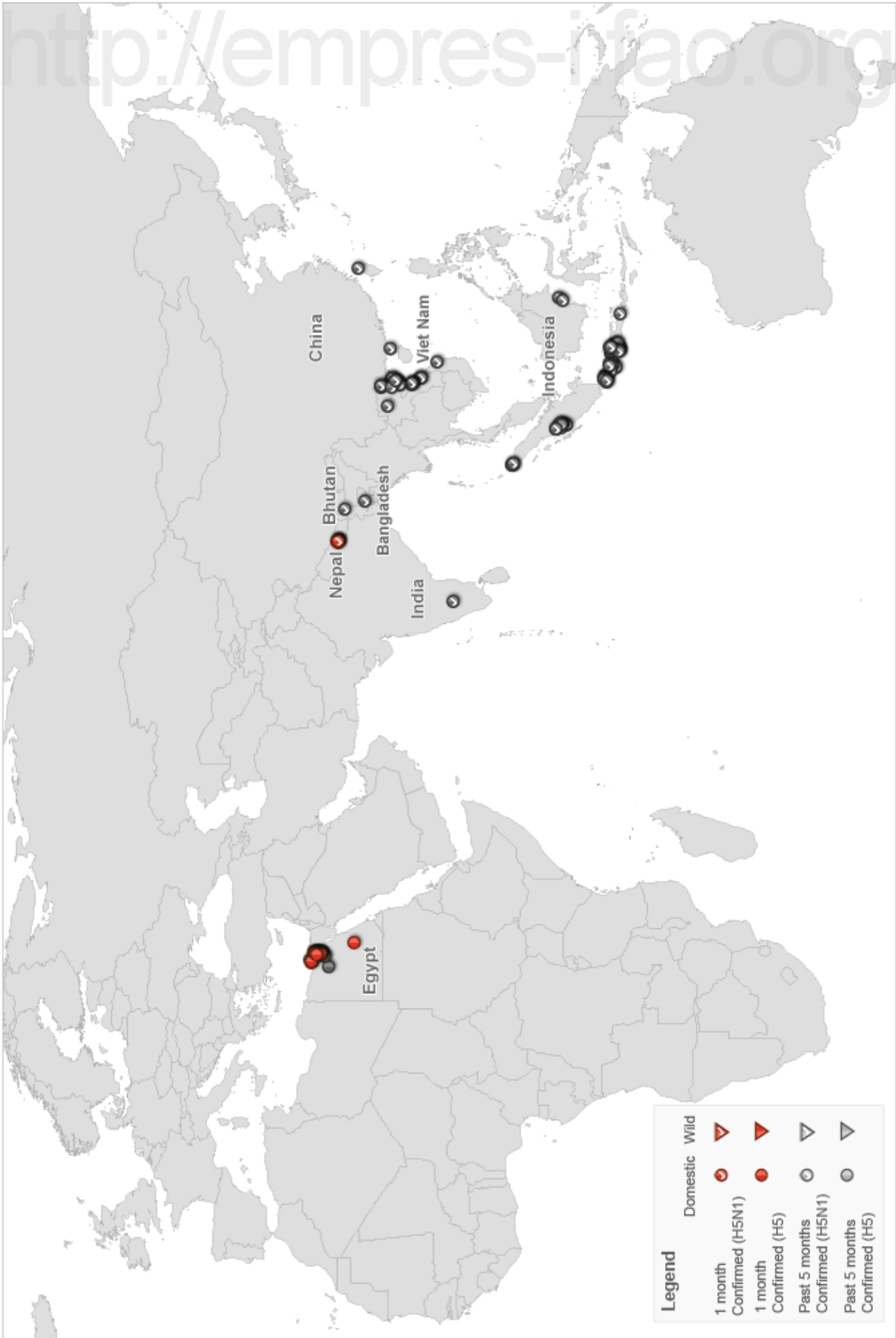
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 23/10/12 Reported: 19/11/12 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: 13/12/12 Reported: 24/12/12 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 Rhone 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

10 July 2012 - 10 January 2013



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.