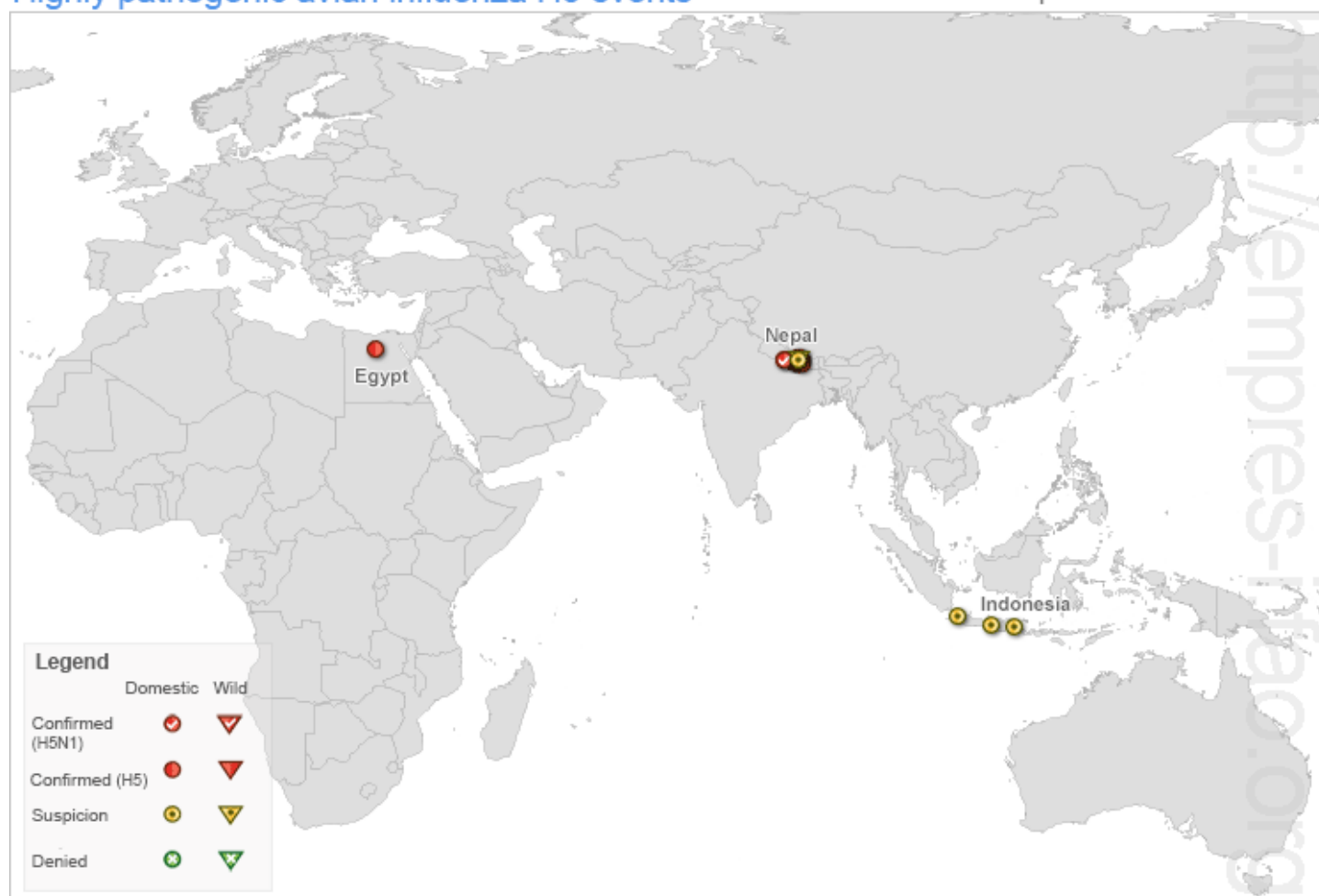


Highly pathogenic avian influenza H5 events

03 September - 03 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?

AFRICAN REGION

Egypt

- Confirmed H5 HPAI outbreak in poultry (Giza)

ASIAN REGION

Cambodia

- Confirmed H5N1 infection in humans (Kampot and Takeo)

China

- Confirmed H5N2 LPAI outbreak in poultry (Taiwan Province of China)

Indonesia

- Suspected H5N1 HPAI outbreaks in poultry (East Java, Central Java)

Nepal

- Confirmed H5N1 HPAI outbreaks in poultry (Bagmati, Janakpur and Lumbini)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION

Egypt

OFFICIAL

29/09/2013 - Confirmed H5 HPAI outbreak in poultry, Giza (FAO Field officer)

H5N1 HPAI was detected in two unvaccinated ducks during a poultry shop survey on 23 September 2013. The ducks were 180 days old and apparently healthy.

ASIAN REGION

Cambodia

OFFICIAL

20/09/2013 - Confirmed H5N1 infection in humans, Kampot and Takeo (Ministry of Health; WHO - World Health Organisation)

H5N1 infection was reported in two children: - a 5-year-old female from Traing District, Takeo Province. Influenza A (H5N1) infection was confirmed on 14 September 2013 by the Institut Pasteur du Cambodge. The child came into direct contact with sick and dead chickens.

- a 2-year-old female from Teuk Chhou District, Kampot Province, with onset of fever on 11 September 2013 and died on 17 September. The child went to her neighbour's house with her mother, to 'watch' villagers preparing a meal that included chickens, which had died earlier.

<http://www.cdc.gov/kh/PressRelease/40-41PressReleaseH5N1caseEng.pdf>

http://www.wpro.who.int/emerging_diseases/AI.Weekly.400.20Sep2013.pdf

04/09/2013 - Confirmed H5N1 infection in a human, Phnom Penh (Ministry of Health; WHO - World Health Organisation)

Cambodia has reported one new H5N1 avian influenza virus infection in a human, representing the 18th case in 2013. The patient is a 15-month-old boy from village number 11, Khan Russey Keo; he developed fever on 16 August 2013. Investigations are being carried out by the Ministry of Health's Rapid Response Teams (RRT) in the village to determine whether the child came into contact with sick or dead poultry. The RRTs are also trying to identify the child's close contacts, any epidemiological linkage among the 18 cases and initiate preventive treatment as required.

http://www.cdc.gov/kh/PressRelease/39th-press-release_H5N1_Eng.pdf

<http://www.wpro.who.int/mediacentre/releases/2013/20130905/en/ind ex.html>

NON-OFFICIAL

17/09/2013 - Suspected H5N1 infection in humans, Kampot and Takeo (Media)

According to the spokesman of the Kantha Bopha Hospital in Phnom Penh, a 5-year-old girl from Takeo Province and a 2-year-old girl from Kampot Province - who has died - [if confirmed] will mark the 19th and 20th confirmed cases of avian influenza this year. More than half of the confirmed cases in Cambodia have been children under 14 years of age and most victims of the disease have been young girls.

<http://www.phnompenhpost.com/national/two-more-h5n1-cases-confirmed>

China

OFFICIAL

23/09/2013 - Confirmed H5N2 LPAI outbreak in poultry, Taiwan Province of China (OIE)

H5N2 infection was detected in a meat-type duck farm in Yuli Township, Hualien County. Swabs taken during the second round of surveillance conducted on the poultry farms around the H5N2 infected duck farm in the county showed positive results by virological test and pathogenicity test on 23 September 2013.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=14133

Indonesia

NON-OFFICIAL

02/10/2013 - Suspected H5N1 HPAI outbreak in poultry, Central Java (media)

Hundreds of ducks gradually died in the Gondangmanis Village, Karangpandan District, Karanganyar Regency around

the end of August 2013. The duck samples from the Department of Animal Husbandry and Fisheries (Disnakan) Karanganyar tested positive for avian influenza on 1 October 2013.

<http://www.solopos.com/2013/10/02/virus-ai-karanganyar-jadi-itik-boro-ratusan-itik-di-karangpandan-positif-flu-burung-452985>

01/10/2013 - Suspected H5N1 HPAI outbreak in poultry, East Java (media)

Thousands of ducks in Situbondo Village, Pecinan Village, Tribungan Village, Mangaran District, East Java Province, suddenly died, according to a report on 30 September 2013.

<http://www.beritametro.co.id/jawa-timur/ribuan-itik-di-situbondo-mati-mendadak>

10/09/2013 - Suspected H5N1 HPAI outbreak in poultry, Banten (Media)

The Head of the Livestock Department of Agriculture and Food Security, South Tangerang, said two of dozens of dead chickens in the Cilenggang Village, Serpong District, Tangerang Regency, Banten Province tested (rapid test) positive for avian influenza.

<http://id.berita.yahoo.com/unggas-mati-di-serpong-positif-avian-influenza-020827617.html>

Nepal

OFFICIAL

21/09/2013 - Confirmed H5N1 HPAI outbreaks in poultry, Bagmati, Janakpur and Lumbini (OIE)

From 26 July 2013 to 9 August 2013, 43 outbreaks of H5N1 HPAI were reported in Bagmati (40), Janakpur (1, east to Bagmati) and Lumbini (2, bordering to Uttar Pradesh, India) Zones; A total of 55 628 birds died out of susceptible population of 349 839, the remaining population was destroyed. Birds showed respiratory distress, nervous signs and all affected birds died. Cleaning and disinfection activities in the infected premises are completed. Intensive surveillance activities are ongoing throughout the country.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=14131

09 & 11/09/2013 - Confirmed H5N1 HPAI outbreaks in poultry, Bagmati, Gandaki, Narayani (OIE)

From 28 June to 24 July 2013, 21 outbreaks of H5N1 HPAI have been reported, 20 in poultry and one in a house crow. Of these, 18 were in the Bagmati Zone: Kathmandu (16); Lalitpur District (1), Bhaktapur District (1); one in the Narayani Zone, in the Chitwan District; two in the Gandaki Zone, in Kaski. A total of 16 outbreaks occurred in commercial farms and 4 outbreaks occurred in backyard poultry; and one H5N1 infection was reported in a house crow found dead near a tree at Rabibhavan area on 15 July 2013. A total of 23 880 birds out of 140 309 birds died, and the remaining population was destroyed.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=14080

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=14062

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 Basassandra, 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

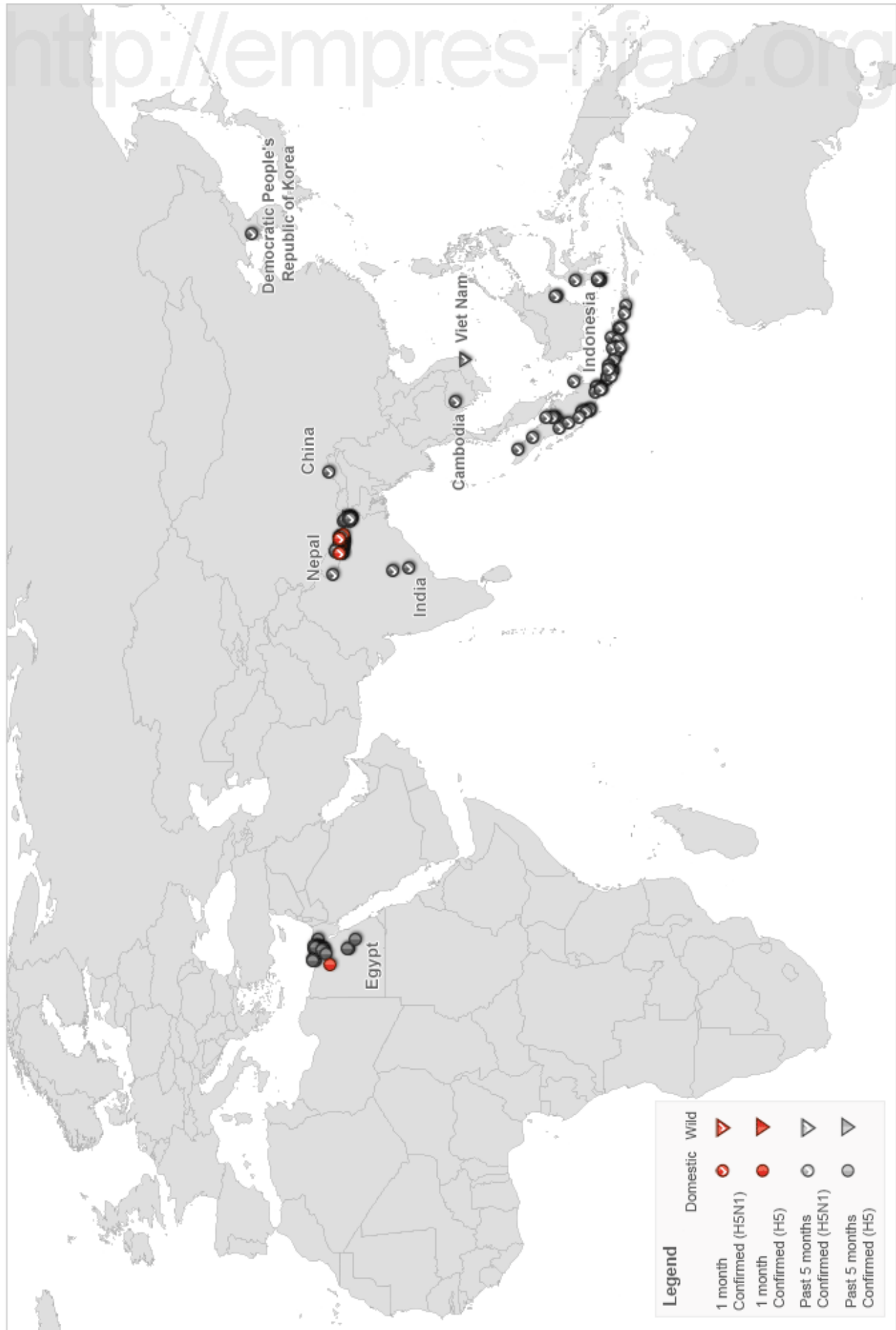
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 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	193/161
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, Aotoyoo	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	Reported: 06/04/13 Ninh Thuan	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 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: 23/02/06 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

03 April - 03 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.