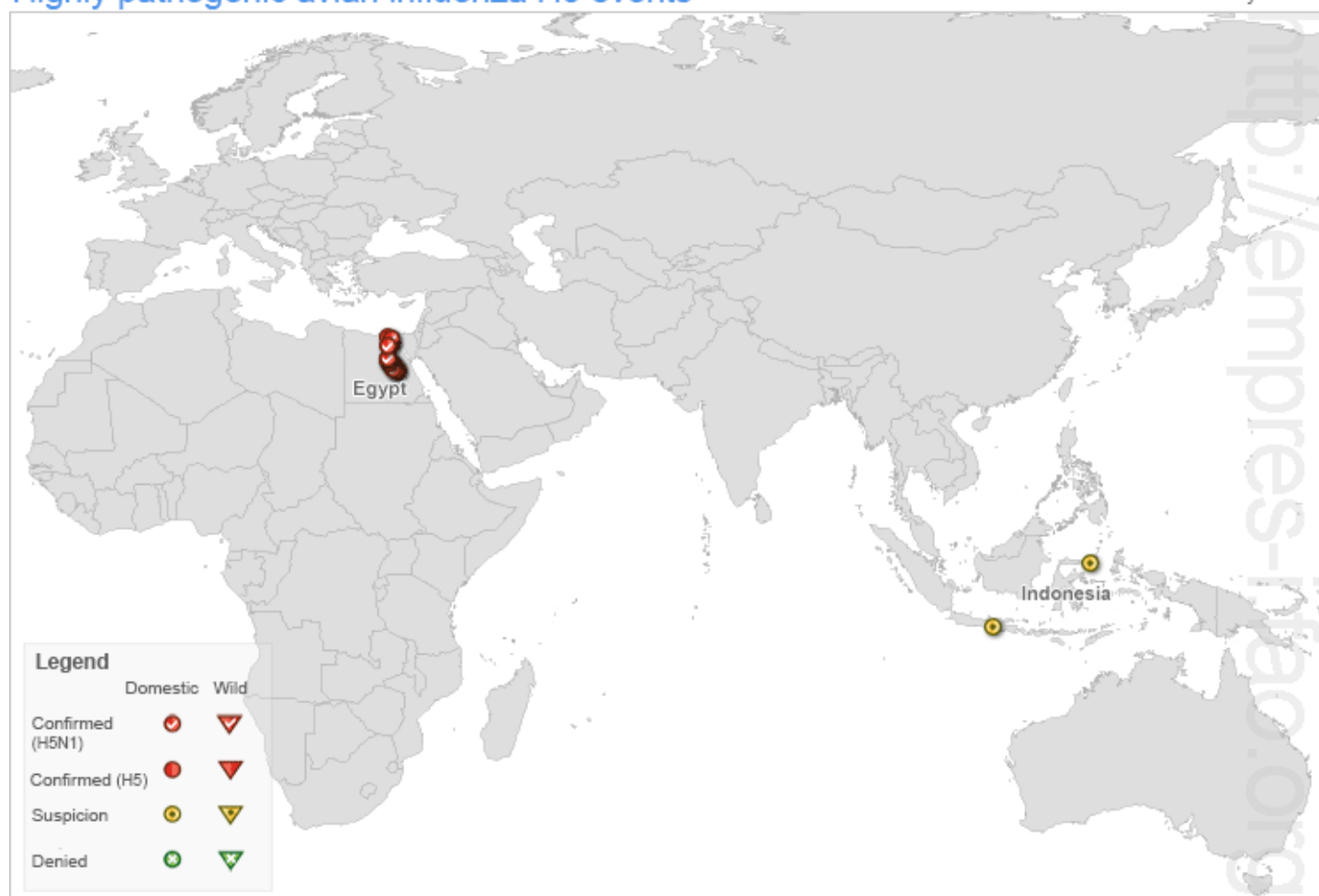


Highly pathogenic avian influenza H5 events

30 June - 31 July 2014



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 are not included in this map.

Source: FAO's Global Animal Health Information System <http://empres-i.fao.org/empres-i/home>

The current map still displays only cases of H5 highly pathogenic avian influenza. We are in a transition phase towards the production of new maps representing all relevant animal influenza cases/outbreaks.

WHAT'S NEW in this issue?

ASIAN REGION

China

- Confirmed presence of H7 antibodies in poultry (Guangdong)
- Suspected presence of H7N9 virus in poultry (Jilin)

Republic of Korea

- Confirmed H5N8 HPAI outbreak in poultry (Jeollanam-do)
- Additional information on confirmed H5N8 HPAI outbreak in poultry (Jeollanam-do)

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AFRICAN REGION

Egypt

OFFICIAL

09/07/2014 and 16/07/2014 Confirmed H5N1 HPAI outbreaks in poultry, Asyut, Cairo, Fayoum, Gharbia, Giza, Menoufia, Menia, Qena, Sohag (FAO Field Officer)

Between 17 June and 8 July 2014, outbreaks of H5N1 HPAI were detected in poultry in 20 locations in 9 governorates namely: Asyut (4), Cairo (1), Fayoum (1), Gharbia (1), Giza (1), Menoufia (2), Menia (3), Qena (2), Sohag (5) Governorates. The outbreaks occurred in households, commercial live bird markets and in one commercial farm. Most of the poultry were un-vaccinated except for the outbreak in the one commercial chicken farm in the Fayoum Governorate, reported through passive surveillance. The other outbreaks were detected by the Community Based Animal Health Outreach (CAHO).

ASIAN REGION

China

OFFICIAL

4, 11 and 22/07/2014 – Confirmed presence of H7 antibodies in poultry, Guangdong (National Authorities)

According to the national H7N9 monitoring results, for the 3/3 part of June, out of 34212 serum samples and 18372 virological samples, which were collected in 1778 locations in 20 provinces, 4 serum samples collected from Guangdong Province tested positive for H7; and for the 1/3 part of July, out of 9374 serum samples and 3178 virological samples, which were collected in 504 locations in 10 provinces, and no sample tested positive; however for the 2/3 part of July, only 355 serum samples and 150 virological samples were collected in 23 locations in 3 provinces, and no sample tested positive.

http://www.moa.gov.cn/sjzz/syj/dwyqdt/201407/t20140704_3957894.htm

http://www.moa.gov.cn/sjzz/syj/dwyqdt/201407/t20140711_3965618.htm

http://www.moa.gov.cn/sjzz/syj/dwyqdt/jczt/201407/t20140722_3975954.htm

09/07/2014 – Confirmed presence of H7N9 virus in poultry, Henan (National Authorities, OIE)

The virological finding in Hualong District, Puyang City, Henan Province [already reported in the animal influenza update issue 620 released on 2 July 2014 as below] has now been reported to OIE. Out of the 30 samples collected on 3 June 2014 in one market* in Hualong District, Puyang City, Henan Province, 2 swab samples tested positive for H7N9 by RT-PCR. [*correction: it was 2 operations in 1 market].

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MaPFullEventReport&reportid=15547

03-17/07/2014 – Confirmed H7N9 infection in a human, Hunan (Local authorities, WHO)

During the past two weeks (from 3 July 2014 12:00 GMT to 17 July 2014 12:00 GMT) one human case was reported in Yongzhou City, Hunan Province. The case is a 55-year-old male with a history of exposure to poultry. Onset of symptoms was on 21 June 2014.

<http://www.gcs.gov.mo/showNews.php?DataUcn=80089&PageLang=C>

<http://www.info.gov.hk/gia/general/201407/08/P201407080228.htm>

NON-OFFICIAL

18/07/2014 – Suspected presence of H7N9 virus in poultry, Jilin (Scientific publication)

«this information is about suspected cases in February 2014» In relation to a confirmed influenza A(H7N9) human case in February 2014 who did not have any contact with person with flu-like symptoms or poultry other than the birds in his own farm, 84 poultry specimens collected from his farm were tested by real-time RT-PCR, and 20 samples tested positive for influenza A(H7N9). According to the study, the patient had a poultry farm and he took care of the birds daily. A group of 280 silkie chickens (*Gallus gallus domesticus*) and guinea fowl (*Numida meleagris*) were introduced in October 2013 of which 85 % died by January 2014, however these were not tested for avian influenza. From December 2013 to February 2014 approximately 1 100 birds including chickens, turkeys, black-bone silkie chickens, guinea fowl and a goose were introduced to the farm in 7 groups from 8 source farms. They were kept in a same place and more birds were added on 3 February, but no sickness was observed. On 10-12 February 2014 after arrival of a total of 290 birds in 2 flocks, birds started to show clinical signs e.g. respiratory and ocular secretions, wheezing and death. More than 100 birds had died by 15 February when the above mentioned patient developed his symptoms.

http://wwwnc.cdc.gov/eid/article/20/11/14-0608_article

http://wsjsw.jl.gov.cn/wx/wxfb/201402/t20140221_1618980.html

http://www.who.int/csr/don/2014_02_24/en/

Indonesia

NON-OFFICIAL

16/07/2014 – Suspected H5N1 HPAI in poultry, North Sulawesi (Media) GoogleTranslated

Sudden death occurred again in chickens in Kotamobagu City, Wednesday (9 July 2014), suspected to be due to H5N1. This time, there were not as many dead chickens as in previous weeks. Two chickens in the Motoboi Kecil Village died on Wednesday morning.

<http://totabuan.co/2014/07/kasus-kematian-ayam-mati-mendadak-kembali-terjadi/>

Republic of Korea

OFFICIAL

28/07/2014 – Confirmed H5N8 HPAI outbreak in poultry, Jeollanam-do (Media) GoogleTranslated

An outbreak of H5N8 HPAI was confirmed in poultry at a duck farm holding 30 000 broiler ducks and 12 000 other ducks in Hampyeong County, Jeollanam-do Province. Epidemiological investigation is in progress.

http://www.maf.go.kr/list.jsp?&newsid=155445846§ion_id=b_sec_1&pageNo=1&year=2014&listcnt=10&board_kind=C&board_skin_id=C3&depth=1&division=B&group_id=3&menu_id=1125&reference=&parent_code=3&popup_yn=&tab_yn=N

NON-OFFICIAL

27/07/2014 – Additional information on confirmed H5N8 HPAI outbreak in poultry, Jeollanam-do (Media)

An outbreak of H5N8 HPAI was reported in poultry in Jeollanam-do Province at a duck farm in the southern county of Hampyeong. According to Quarantine official's more than 40-thousand ducks have been slaughtered at the farm to prevent the virus from spreading. This comes just about a month after the government confirmed the virus in the city of Daegu and in Gangwon-do Province. The Republic of Korea suffered an AI outbreak earlier this year that resulted in the culling of more than 13-million birds.

http://www.arirang.co.kr/News/News_View.asp?nseq=165991&category=2

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 Qena	Observed: 08/07/14 Reported: 09/07/14 Fayoum	domestic poultry	176/63
Ghana	Reported: 21/04/07 Greater-Accra Region, Tema	Reported: 13/06/07 Volta, Ketu	domestic poultry	
Libya	Observed: 04/03/14 Reported: 12/03/14 Tubruq		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

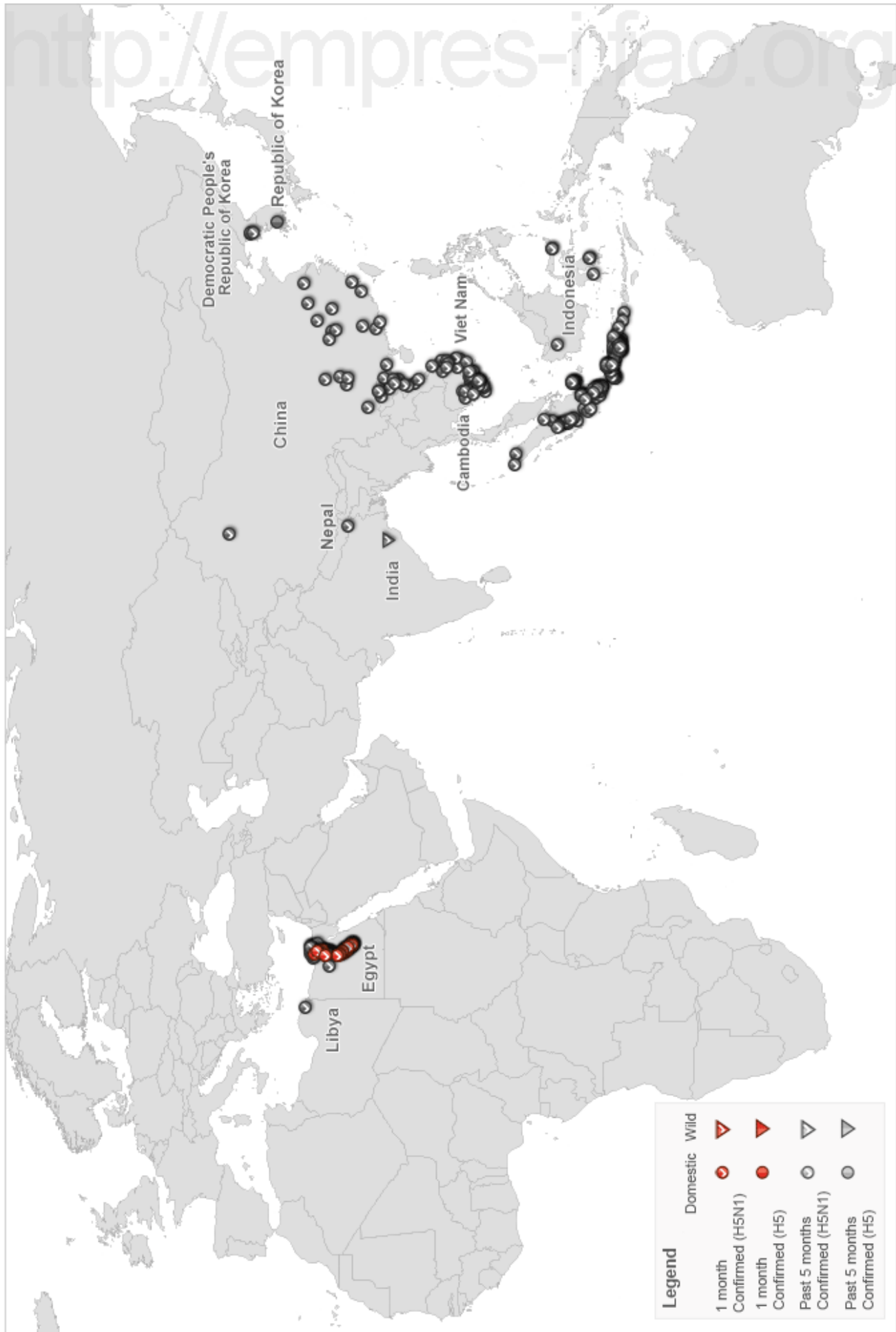
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 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: 17/03/14 Reported: 17/03/14 Kampot	domestic poultry, wild birds	56/37
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 02/03/14 Reported: 07/03/14 Yunnan	wild birds, domestic poultry	47/30
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: 21/03/14 Reported: 16/04/14 Pyongyang	domestic poultry	
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 31/01/14 Reported: 21/02/14 Orissa	domestic poultry, wild birds	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: May 2014 Reported: 23/06/2014 Riau	domestic poultry	197/165
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 Sayaboury, Boten	Observed: 13/03/14 Reported: 31/03/14 Xayaboury	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: 13/02/14 Reported: 26/02/14 Koshi	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	Observed: 24/03/14 Reported: 25/03/14 Ben Tre	domestic poultry, wild birds	127/64
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 Taz	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 Rhone 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

31 January - 31 July 2014



CONTACTS

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 GLEWS team at GLEWS@fao.org

DISCLAIMER

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.