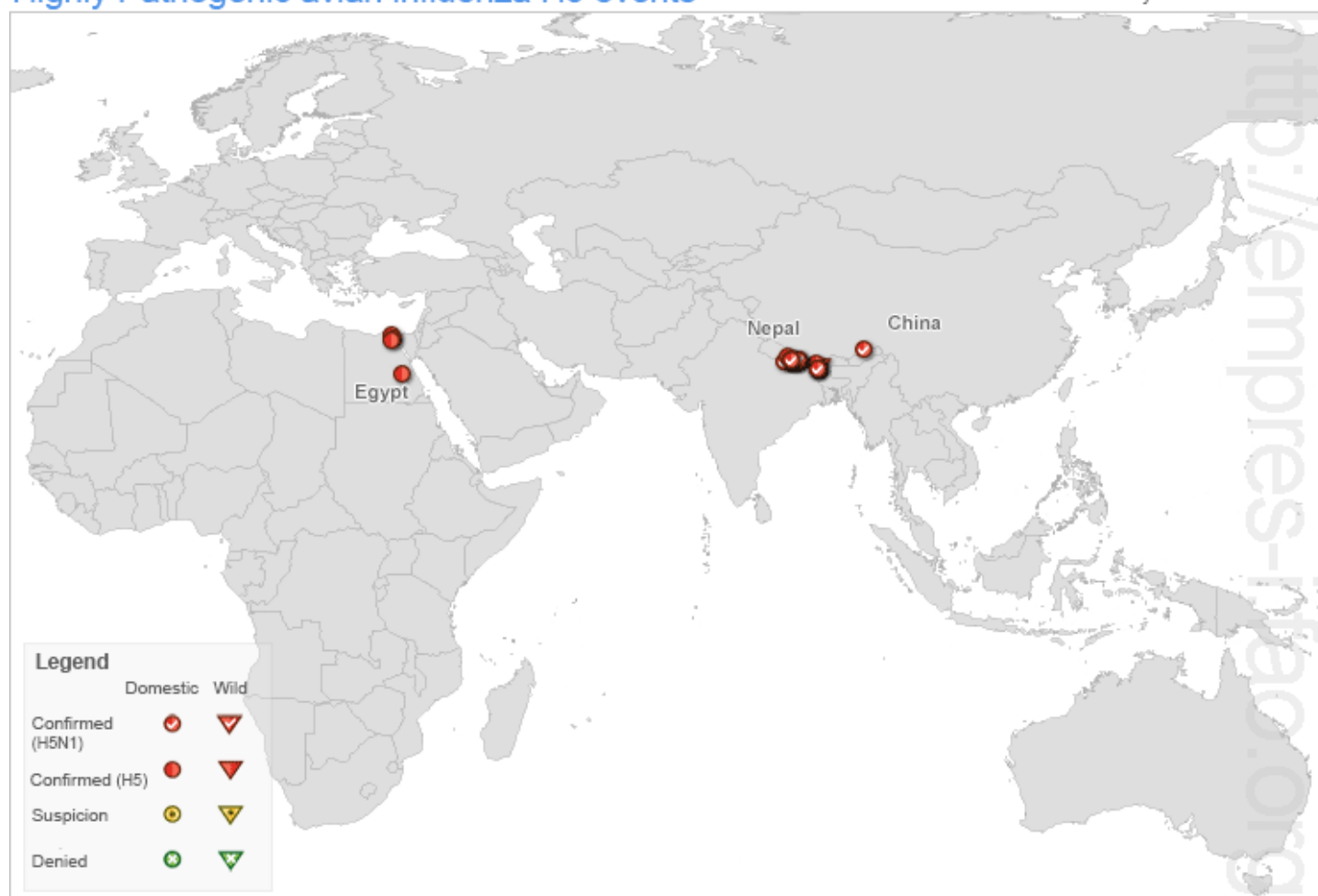


Highly Pathogenic avian influenza H5 events

13 May - 13 June 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 (Kalyoubia)

AMERICAN REGION

Mexico

- Confirmed H7N3 HPAI outbreaks in poultry (Aguascalientes, Guanajuato, Jalisco, Puebla)

ASIAN REGION

Indonesia

- H5N1 HPAI surveillance in live bird markets
- Confirmed H5N1 infection in smuggled birds

AFRICAN REGION

Egypt

OFFICIAL

13/06/13 – Confirmed H5 HPAI outbreak in poultry in Kalyoubia (FAO Field Officer)

An outbreak of H5 HPAI occurred on 4 June 2013 in the Kalyoubia Governorate in un-vaccinated household poultry; reported through passive surveillance.

04/06/13 – Confirmed H5 HPAI outbreaks in poultry in Dakahlia (FAO Field Officer)

Two outbreaks of H5 HPAI occurred on 05 May 2013 in the Dakahlia Governorate, one was detected through Community-based Animal Health Outreach (CAHO) and another was reported by passive surveillance; both in un-vaccinated poultry in households. Another outbreak of H5 HPAI was confirmed in a commercial poultry layer farm (120 000 birds). The farm was vaccinated against H5. Samples were submitted on 22 May 2013 by the farm owner, who did not provide any details about the location of the farm.

NOTE: UPDATED INFORMATION IS INDICATED IN RED

AMERICAN REGION

Mexico

OFFICIAL

13/06/2013 – Confirmed H7N3 HPAI outbreaks in poultry, and Aguascalientes, Guanajuato, Jalisco, Puebla (World Organization for Animal Health -OIE)

Eight new H7N3 outbreaks have been detected since the previous official report on 7 May 2013 in Aguascalientes (2), Guanajuato (3), Jalisco (1), and Puebla (2) States, that occurred between 16 April and 23 May 2013. Two commercial layer farms, two heavy breeder flocks, three broiler flocks and a backyard farm have been affected. The susceptible bird population involved in these eight outbreaks adds up to over one million birds. Control measures previously applied are still on-going, including vaccination of birds at risk. Guanajuato is reported to have vaccinated 5 512 080 birds on breeder and layer commercial farms.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13561

ASIAN REGION

China

OFFICIAL

03/06/2013 – Confirmed H5N2 LPAI outbreaks in poultry, Taiwan Province of China (World Organisation for Animal Health -OIE)

H5N2 LPAI was reported in Peng-Hu County. A chicken, among 13 sentinel chickens placed on a previously H5N2 infected native chicken farm before restocking, showed a positive reaction to H5N2 LPAI virus. H5N2 virus was isolated on 22 May 2013.

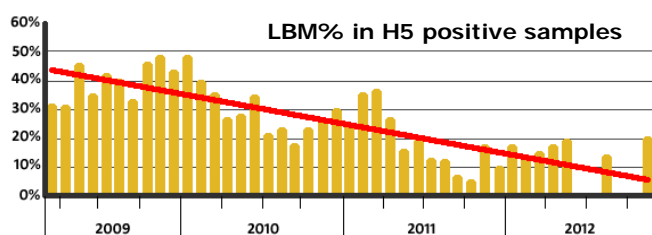
http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13560

Indonesia

OFFICIAL

07/06/13 – H5N1 HPAI surveillance in live bird markets (FAO Field Officer)

HPAI surveillance activities at Live Bird Markets (LBMs) in the Jabodetabek area surrounding Jakarta City involve the collection and laboratory testing of LBM environmental samples. Results show a seasonal pattern similar to the surveillance results reported through the village-based Participatory Disease Surveillance and Response (PDSR) system. The proportion of markets which are found positive for H5N1 shows a decreasing trend since 2009, indicating less virus circulation in the catchment area (source) of these markets, mainly commercial farms delivering poultry to Jakarta markets. It is planned to expand the live bird market surveillance to other catchment areas around Medan, North Sumatra Province and Surabaya, East Java Province in 2013. LBM surveillance will play an important role in monitoring both the clade 2.1 and the recently introduced clade 2.3.2 H5N1 viruses.



Trend of markets positive for Influenza A viruses from March 2009 to November 2012

12/06/2013 – Confirmed H5N1 infection in smuggled birds (European Commission)

On 10 June 2013, H5N1 HPAI was reported in one of the samples taken from smuggled birds found at the Vienna International Airport from accompanied (freight) luggage of a traveler from Bali, Indonesia. Of the sixty birds found 37 had already died at the time of the checks, the surviving birds were put under quarantine. Testing was carried out by the Austrian Reference Laboratory for poultry diseases.

NON -OFFICIAL

12/06/2013 – additional information on confirmed H5N1 infection in smuggled birds (Media)

The sixty birds - wild parrots, birds of paradise and other exotic species - had been trafficked from Bali to Qatar and then through Austria's Vienna International Airport.

<http://www.dailymail.co.uk/news/article-2340183/Rare-birds-smuggled-Europe-Indonesia-killed-deadly-H5N1-virus.html#ixzz2W5XikPUS>

30/05/2013 – Suspected H5N1 HPAI outbreaks in poultry, Bengkulu (Media)

H5N1 HPAI was reported in dozens of poultry owned by fifteen families in the city of Bengkulu. On 29 May 2013, as much as 93 poultry (chickens and ducks) died suddenly in the city of Bengkulu.

<http://rakyatbengkulutv.com/?p=16359>

Japan

OFFICIAL

30/05/2013 – Confirmed H5 LPAI infection in poultry, Miyazaki (National authorities)

The routine monitoring inspection carried out by the Miyazaki prefecture detected H5 antibody in poultry farm in Kawaminami Town, Koyu County populated with approximately 20 000 birds. The birds did not show any clinical signs.

<http://www.pref.miyazaki.lg.jp/contents/org/nosei/kachikuboei/info/page00001.html>

EUROPEAN REGION

The Netherlands

OFFICIAL

03/06/2013 – Suspected H7N1 LPAI outbreak in poultry (World Organisation for Animal Health -OIE)

An outbreak, suspected to be H7N1, was reported in poultry in Leusden, Utrecht Province; the outbreak started on 31 May 2013, where a total of 5 000 birds were affected out of a susceptible population of 10 750. All the birds were destroyed. On 1 June 2013, a one km protection zone was established. There are 11 other premises with poultry in this one km zone. Screening of these premises started on 3 June 2013. The disease was previously reported in the country in March 2011.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13541

Denmark**OFFICIAL**

01/06/2013 – Confirmed H7 LPAI outbreak in poultry, Jutland
(World Organisation for Animal Health –OIE)

On 31 May 2013, a suspected low pathogenic avian influenza H7 LPAI was detected in mallards in samples collected through the Danish surveillance programme for avian influenza. The samples were collected in Lovel Village, Viborg Municipality. The holding is a hatchry for farmed game birds (1 400 mallards and 12 500 pheasants). The mallards and the pheasants are kept epidemiologically separated and the suspected H7 LPAI has only been detected in the mallards. The stamping-out of the mallards at the infected holding will be initiated as soon as possible.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13539

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: 04/06/13 Reported: 06/06/13 Kalyoubia	domestic poultry	172/62
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

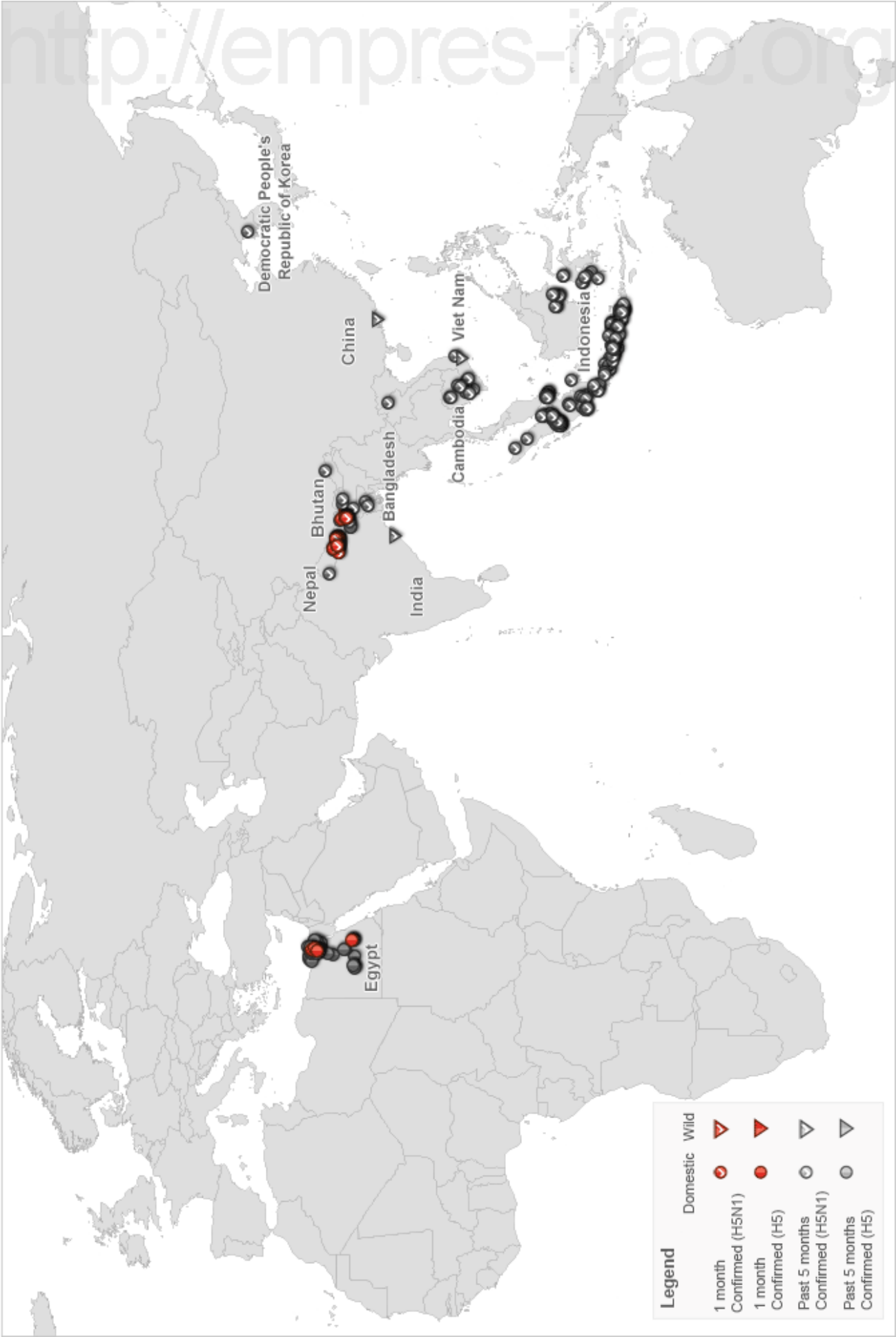
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 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: 23/02/13 Reported: 05/03/13 Siem Reap	domestic poultry, wild birds	32/27
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: 28/02/13 Reported: 08/03/13 Bihar	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Reported: 30/04/13 Aceh	domestic poultry	192/160
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 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: 20/05/13 Reported: 26/05/13 Chitwan, Narayani	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 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 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

13 December 2012 - 13 June 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.