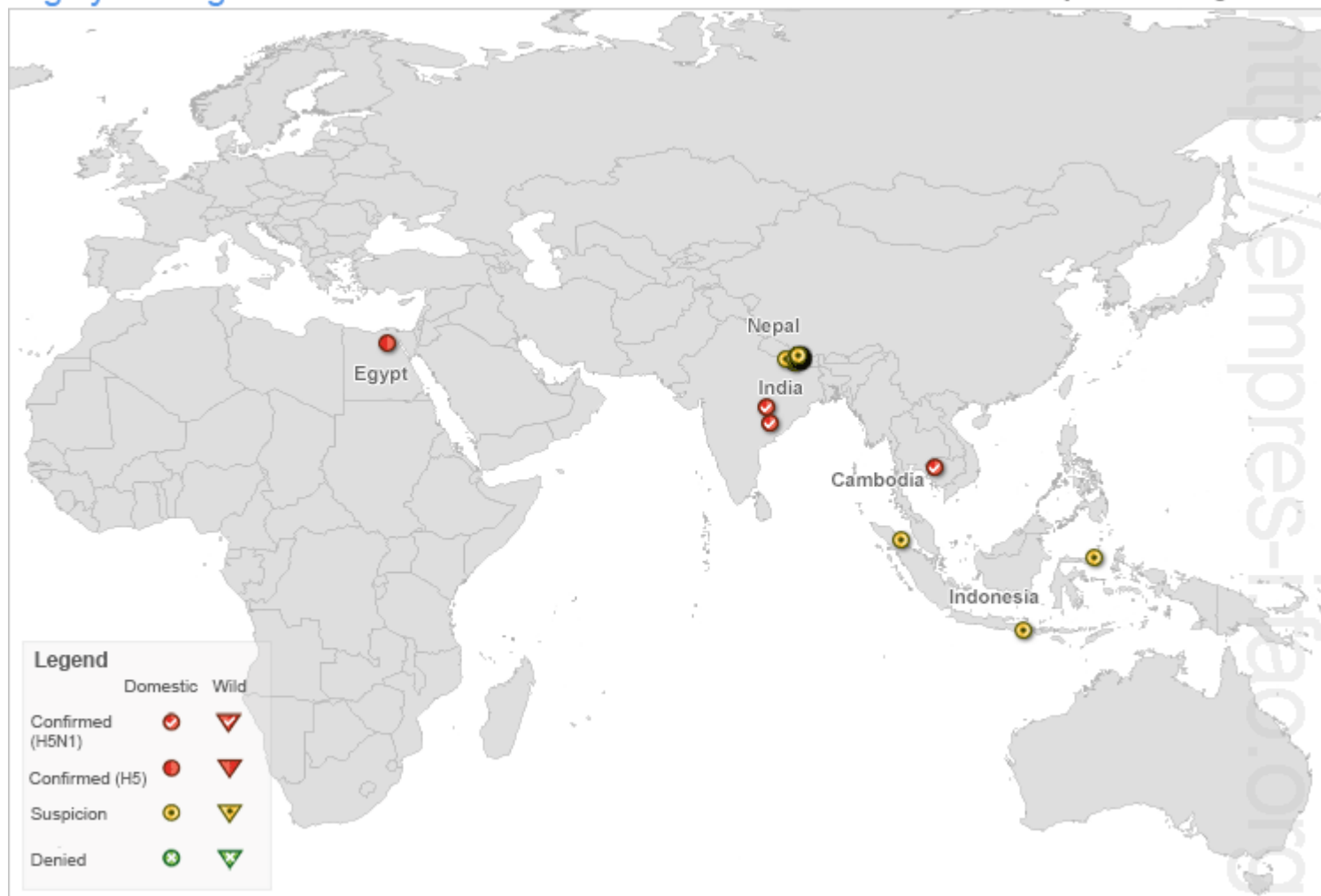


## Highly Pathogenic avian influenza H5 events

29 July 2013 - 29 August 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 H5N1 HPAI in poultry (Al Fayoum)

#### ASIAN REGION

##### **Cambodia**

- Confirmed H5N1 HPAI outbreak in poultry (Battambang)
- Confirmed H5N1 infection in a human (Kandal)

##### **China**

- Suspected retrospective H7N9 infection in poultry (Shandong)

##### **Nepal**

- Suspected H5N1 HPAI outbreak in poultry (Kavrepalanchowk, Lalitpur, Sindhupalchok)
- Suspected H5N1 infection in humans (Nawalparasi)

- H5N1 HPAI outbreaks in poultry and declaration of emergency zones (Bhaktapur, Kathmandu )

##### **Viet Nam**

- Additional information on control measures in border provinces
- Additional information on confirmed H5N1 HPAI outbreaks in poultry and quail (Tien Giang)

#### EUROPEAN REGION

##### **Italy**

- Confirmed H7N7 HPAI outbreaks in poultry (Emilia-Romagna)

#### AMERICAN REGION

##### **The United States of America**

- Suspected influenza infection in dogs (Maryland)

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

10/08/2013 - Confirmed H5 HPAI outbreak in poultry, Al Fayoum (National authorities)

An H5 HPAI outbreak, beginning on 5 August 2013, was reported on 10 August 2013, occurring in a commercial broiler chicken farm in Sanhur Al-Bah, Sanoras District of Al Fayoum, identified through passive surveillance. The 8 900 chickens affected on the farm were destroyed. The chickens had been vaccinated.

**ASIAN REGION****Cambodia****OFFICIAL**

19/08/2013 - Confirmed H5N1 HPAI outbreak in poultry, Battambang (OIE)

An investigation team of the National Veterinary Research Institute (NaVRI) of the Department of Animal Health and Production (DAHP) and provincial veterinary services went to Damnak Dangkor Village, Reang Kesi Commune, Sang Kae District, Battambang Province, after receiving information from the Ministry of Health about a seven-year-old girl who was reported to be infected with H5N1. The team investigated and took some samples from local chickens in the village. An outbreak of HPAI was identified with 1 346 deaths out of 2 000 chickens. The National (NaVRI) and the Regional laboratories confirmed the test results to be H5N1 positive on 14 and 15 August 2013, respectively. The last report of an H5N1 outbreak in poultry in Cambodia was on 23 February 2013.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=13939](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13939)

21/08/2013 - Confirmed H5N1 infection in a human, Kandal Province (Ministry of Health; World Health Organisation)

A six-year-old boy from Prey Tathuk Village, Prek Sleng commune, Kandal Stung district, Kandal Province, has been confirmed for the H5N1 virus infection, bringing the number of cases to 17, so far this year [2013]. The boy had come into contact with sick poultry.

[http://www.cdcmoh.gov.kh/PressRelease/38th-press-release\\_H5N1\\_Eng.final1.pdf](http://www.cdcmoh.gov.kh/PressRelease/38th-press-release_H5N1_Eng.final1.pdf)

**China****NON-OFFICIAL**

10/08/2013 - Suspected retrospective H7N9 infection in poultry, Shandong (Journal: Nature)

A field surveillance conducted in April 2013 in Wenzhou City, Zhejiang Province (7 - 10 April), Rizhao City, Shandong province (17 - 18 April), and Shenzhen City, Guangdong province (4 - 8 April) collected oropharyngeal and cloacal swabs (1 341 each) from chickens, ducks, geese, pigeons, partridges and quail, as well as 1 006 environmental samples (faecal and water) from live poultry markets (LPMs), farms and wetlands. At the LPMs in Rizhao, a total of 1 308 samples from chickens, ducks, pigeons and geese were collected, of which 84.9% were from chickens. Avian influenza A(H7N9) virus was detected in chicken oropharyngeal samples collected from LPMs in Rizhao City (0.7%; 8 out of 1 113 samples).

<http://www.nature.com/nature/journal/vaop/ncurrent/full/nature12515.html>  
<http://www.nature.com/nature/journal/vaop/ncurrent/extref/nature12515-s1.pdf>

**Nepal****NON-OFFICIAL**

26-27/08/2013 - Suspected H5N1 HPAI outbreak in poultry, Kavrepalanchok (media)

Avian influenza virus was confirmed for the third time in Kavrepalanchok District, near Kathmandu. The H5N1 virus was

detected in the parent stock at a poultry hatchery farm. The farm is one of the biggest in the whole district; around 33 000 parent chickens (KAB-500 breed). The farms were infected despite bio-security measures. As an immediate precautionary measure, Sanga and Ugratara Janagal VDCs were declared as bird flu emergency zones. Previously, sample from suspected birds in hatcheries in Janagal VDC and Nasikasthan VDC showed the presence of the avian influenza virus on 21 August 2013. On 26 August 2013, H5N1 was confirmed in another poultry farm in Chaukot of Panauti Municipality-1, it was the first case in broiler chickens. H5N1 HPAI has been confirmed in seven poultry farms in Kavre, so far.

[http://www.myrepublica.com/portal/index.php?action=news\\_details&news\\_id=60192](http://www.myrepublica.com/portal/index.php?action=news_details&news_id=60192)

[http://www.myrepublica.com/portal/index.php?action=news\\_details&news\\_id=60116](http://www.myrepublica.com/portal/index.php?action=news_details&news_id=60116)

<http://www.ekantipur.com/2013/08/21/headlines/Bird-flu-detected-in-two-Kavre-VDCs/376817/>

<http://www.thehimalayantimes.com/fullNews.php?headline=Bird+flu+confirmed+&NewsID=388889>

26/08/2013 - Suspected H5N1 HPAI outbreak in poultry, Sindhupalchok (media)

Around 1 300 chickens on four poultry farms in Pagretar VDC were culled on 24 August 2013. After a declaration of Kathmandu and Bhaktapur as avian influenza emergency zones, the virus has been detected on more than half-a-dozen poultry farms in the Kavre district. According to the Sindhupalchok District Veterinary Office, a rapid response team of 11 veterinarians were deployed to cull the chickens immediately after the chickens on these farms tested positive for avian influenza infection on 23 August 2013.

[http://www.myrepublica.com/portal/index.php?action=news\\_details&news\\_id=60116](http://www.myrepublica.com/portal/index.php?action=news_details&news_id=60116)

26/08/2013 - Suspected H5N1 infection in humans, Nawalparasi (media)

H5N1 infection is suspected in the deaths of two women who suffered from fever and influenza-like-illness (ILI), at the Teaching Hospital of College of Medical Sciences in Bharatpur. The hospital has written a letter to the District Public Health Office (DPHO) after the deaths of the two women on Saturday, 24 August 2013, suspecting that the patients were infected with the avian influenza virus (H5N1). However, no samples had been collected from the patients for further laboratory test.

Another patient suffering from [ILI], cough and fever is receiving Tamiflu at the ICU of the same hospital. Nasal and throat swabs collected from her have been sent to the National Public Health Laboratory in Kathmandu for the confirmation of suspected virus. The results are likely to come in a week. The suspected woman patient is a resident of Kawasoti of neighbouring Nawalparasi district. The avian influenza virus has spread in different poultry farms in Chitwan and Nawalparasi.

<http://thehimalayantimes.com/rssReference.php?headline=Bird%20flu%20suspected%20in%20two%20deaths%E2%80%9A%20no%20test%20conducted&NewsID=388706>

21-28/08/2013 - H5N1 HPAI outbreaks in poultry and declaration of emergency zones (media)

The government slaughtered nearly one million fowls in the last one month since the first outbreaks of avian influenza in the Capital. Authorities confirmed that the H5N1 virus was seen in 86 poultry farms of the country. The Department of Livestock Services said the authorities also destroyed chickens being ferried to markets for sales from avian influenza emergency zones to other places.

On 14 August 2013, the government had declared Bhaktapur as a avian influenza emergency zone, sealed poultry farms and started a blanket culling in farms west of the Manohara river, including Mulpani, Gothatar and Pepsicola; in jungle areas near Kavre district in the east as well as in the areas demarcated by the Nagarkot jungle in the north and Nangkhel Gundu hill in the south. Similarly, some parts of Kathmandu district were also declared an avian influenza emergency zone on 16 August. The District veterinary Office

and other technical teams have been conducting a blanket slaughtering in 11 VDCs: Gothatar, Mulpani, Macchegaun, Chalnakhel, Thankot, Matatirtha, Satungal, Mahadevsthan, Dahachowk, Bed Bhanjyang and Purano Naikap, and some areas of the Kathmandu Metropolitan City areas include Ward-35 at Pepsicola and the eastern part of Kirtipur. As of 26 August 2013 evening a total of 991 300 birds and 275 997 chicks had been culled. Still 25% commercial chickens are yet to be culled; no chickens have been culled from some settlements in Bhaktapur and Bhaktapur Thimi areas; some said that farmers in Sipadol, Chittapol, Chhaling, Jhaukel and Duwakot have hidden more than 50 000 birds.

The government owes farmers around NPR 48.9 million (USD 465 185) as compensation for killing of chickens in the first month of this fiscal year itself (fiscal year: 2013/14 starting 16 July 2013 to 15 July 2014).

So far 172 cases of avian influenza have been reported in the country since the first outbreak reported in 2009 in Jhapa. <http://ekantipur.com/2013/08/21/capital/1m-chickens-slaughtered-in-one-month/376767.html>  
<http://ekantipur.com/2013/08/21/capital/1m-chickens-slaughtered-in-one-month/376767.html>  
<http://ekantipur.com/2013/08/21/capital/1m-chickens-slaughtered-in-one-month/376767.html>  
<http://www.thehimalayantimes.com/fullNews.php?headline=Vets+spar+ed+50%26sbquo%3B000+birds%26sbquo%3B+say+poulterers&NewsID=388994>

#### 17/08/2013 - Suspected H5N1 outbreak in poultry, Lalitpur (media)

The H5N1 avian influenza virus has been confirmed in four poultry farms of Bhaishapati, Sainbhu VDC, Lalitpur District on 17 August 2013. Following the confirmation, a team from the Avian Influenza Technical Coordination Committee slaughtered some 1 200 fowls from one of the poultry farms.

<http://ekantipur.com/2013/08/17/top-story/bird-flu-in-four-poultry-farms-of-lalitpur/376589.html>

#### Viet Nam OFFICIAL

#### 23/08/2013 - Additional information on control measures in border provinces (Ministry of Agriculture and Rural Development - MARD)

The Vietnamese Minister of Agriculture and Rural Development said that [avian influenza] outbreaks have occurred in several provinces along the border with [neighboring countries]. Besides, smuggling of poultry and poultry products into the country through borders is on the increase, causing a high risk of the disease spreading. Under the circumstances, the ministry has ordered relevant agencies to take drastic measures to prevent the spread of the disease. It has also urged local authorities to ban the slaughter, transport, and distribution of smuggled poultry products, and review and organise poultry vaccination, especially in high-risk provinces like those along borders and with a lot of poultry farming.

[http://www.cucthuy.gov.vn/index.php?option=com\\_k2&view=item&id=1345:c%3B4ng-%C4%91i%E1%BB%87n-s%E1%BB%91-12-b%E1%BB%99-n%C3%B4ng-nghi%E1%BB%87p-ptnt&Itemid=73](http://www.cucthuy.gov.vn/index.php?option=com_k2&view=item&id=1345:c%3B4ng-%C4%91i%E1%BB%87n-s%E1%BB%91-12-b%E1%BB%99-n%C3%B4ng-nghi%E1%BB%87p-ptnt&Itemid=73)  
[http://www.cucthuy.gov.vn/index.php?option=com\\_k2&view=item&task=download&id=264&Itemid=73](http://www.cucthuy.gov.vn/index.php?option=com_k2&view=item&task=download&id=264&Itemid=73)

#### NON -OFFICIAL

#### 15/08/2013 - Additional information on confirmed H5N1 outbreaks in poultry and quail, Tien Giang (media)

Since 2 July 2013, the disease has spread across Phu Kiet and Hoa Tinh Communes in Cho Gao District, My Luong Commune in Cai Be District, and Phuoc Thanh and Nhi My Communes in Cai Lay District, infecting 330 poultry and 47 000 quail.

<http://www.saigon-gpdaily.com.vn/Health/2013/8/105930/>

#### EUROPEAN REGION

#### Italy OFFICIAL

#### 15-28/08/2013 - Confirmed H7N7 avian influenza outbreaks in poultry, Emilia-Romagna (National Authorities; World Organisation for Animal Health (OIE))

On 15 August 2013, the Ministry of Health of Italy reported an outbreak of HPAI virus in a commercial farm of layer hens in Ostellato, Ferrara Province, Emilia Romagna Region, which began on 10 August 2013. Some 10 500 hens were affected and 4 000 died in a susceptible population of 12 800 animals, the Experimental Zooprophyllactic Institute (IZSVE) of Padova confirmed H7N7 HPAI. Timely notification from the farmer of suspect clinical signs allowed the detection of the disease.

A second H7N7 HPAI outbreak was detected during the monitoring activities following the first outbreak in Mordano, Bologna Province, Emilia-Romagna Region on 20 August 2013, in a commercial layer chicken farm with 584 900 birds. The farm belongs to the same company owning the first farm.

On 23 August 2013, a third outbreak of H7N7 HPAI at a commercial turkey farm in Portomaggiore, Ferrara Province, Emilia-Romagna Region in the surveillance zone, located at 3.5 km from the primary outbreak.

A fourth outbreak was reported also in Mordano, Bologna Province, Emilia-Romagna Region, which started on 26 August in a commercial layer hens farm located within the protection zone established around the second outbreak. The farm belongs to the same company owning another outbreak farm, and is located within a few kilometres of another outbreak.

A protection zone of 3 km and a surveillance zone of 10 km have been established around the farms.

This is the second outbreak of H7 HPAI in Europe in 2013, after the one in Denmark (green circle on the map); while other cases of H7 LPAI were reported in Netherlands and in other areas of Denmark and Italy (in 2007).

<http://www.regione.emilia-romagna.it/notizie/attualita/aviaria-a-Mordano-un-nuovo-focolaio>  
<http://www.regione.emilia-romagna.it/notizie/2013/agosto/>  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=13920](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=13920)  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=13955](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=13955)  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13959](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13959)  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13986](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13986)

#### AMERICAN REGION

#### The United States of America NON-OFFICIAL

#### 23/08/2013 - Suspected influenza infection in dogs, Maryland (media)

An outbreak of dog influenza occurred in Montgomery County, Maryland. Six dogs have become sick and two dogs have already died. The reports came from two individual veterinarians who wanted to make sure other veterinarians knew. Veterinarians have known about the mutated equine virus since it first appeared in Florida a couple years ago. The concern here is that most dogs are not immune to it.

<http://www.wjla.com/articles/2013/08/montgomery-county-dog-flu-claims-two-dogs-93143.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: 05/08/13 Reported: 10/08/13 Fayoum	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	38/29
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, 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	

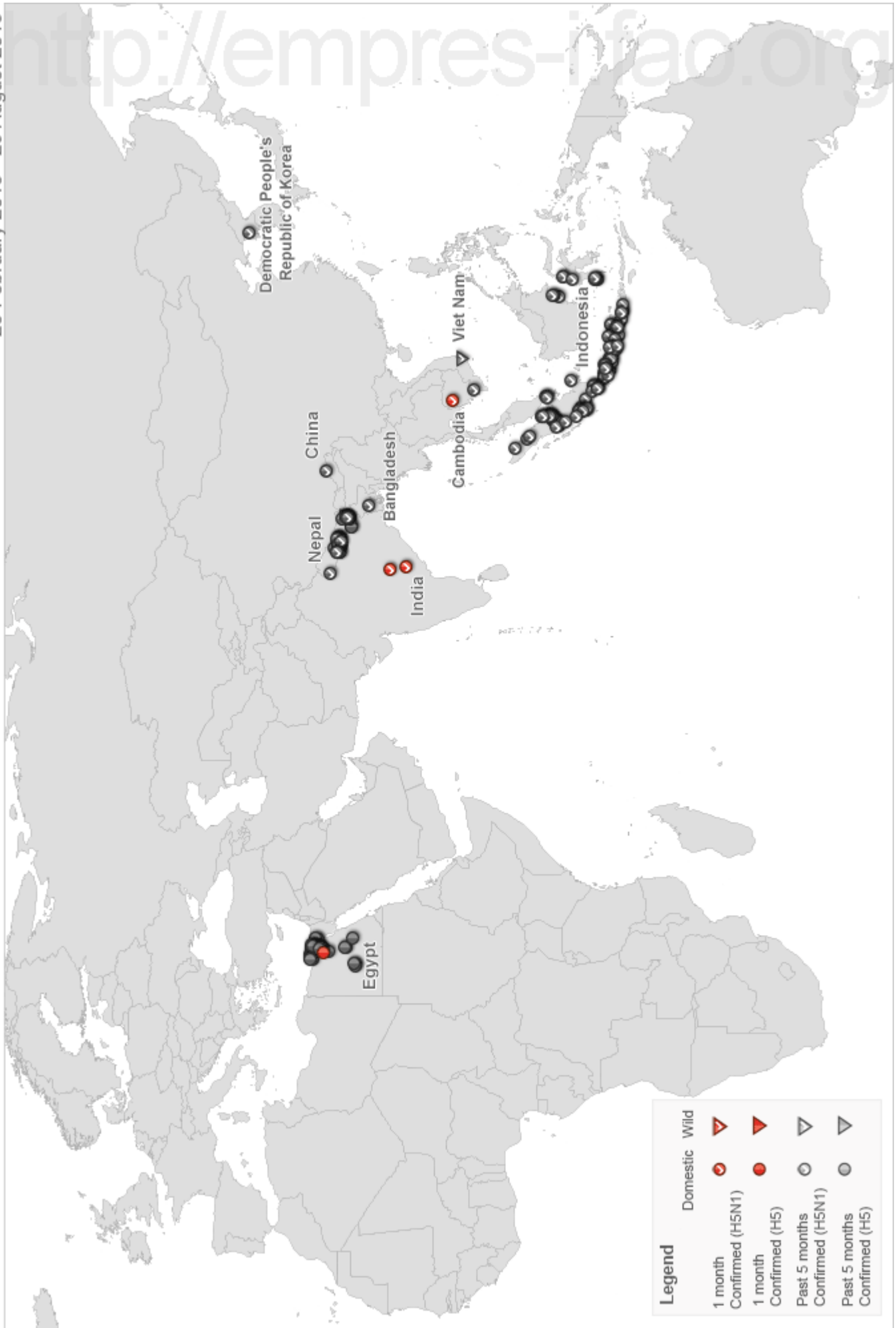


## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

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 Tauz	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

28 February 2013 - 29 August 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/aq/againfo/programmes/en/empres/maps\\_new.html](http://www.fao.org/ag/aq/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](mailto: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](mailto: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.