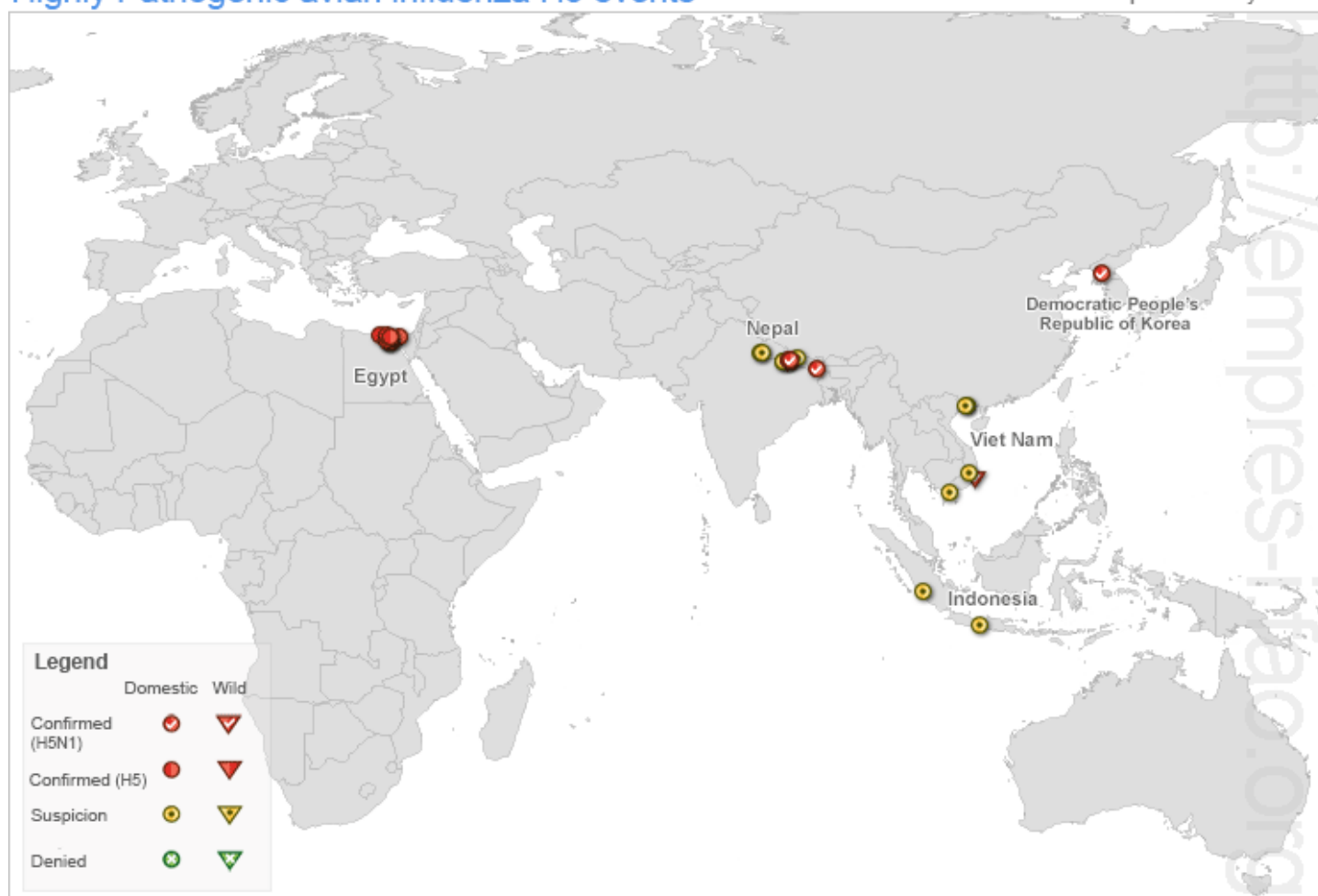


## Highly Pathogenic avian influenza H5 events

09 April - 09 May 2013



**Note:** A map of H5 HPAI events during the latest six months is shown on the last page. Information on the novel 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 outbreaks in poultry (Cairo, Gharbia, Menoufia)
- Confirmed H5N1 infection in a human (Sohag)

ASIAN REGION**China**

- Confirmed avian influenza A(H7N9) infections in humans (Anhui, Beijing, Fujian, Henan, Hunan, Jiangsu, Jianxsi, Shandong, Shanghai, Zhejiang, Taiwan Province of China)
- Confirmed presence of avian influenza A(H7N9) virus in poultry or environment (Guangdong, Jianxsi, Shandong)

**Democratic People's Republic of Korea**

- Confirmed H5N1 HPAI in poultry (Pyongyang)

**Viet Nam**

- Additional information on confirmed H5N1 infection in humans (Dong Thap and Long An)
- Suspected H5N1 HPAI outbreaks in poultry (Can Tho, Hau Giang, Kien Giang)

EUROPEAN REGION**Germany**

- Confirmed H5N1 low pathogenic avian influenza (LPAI) outbreaks in poultry (Lower Saxony)

AMERICAN REGION**Mexico**

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

**NOTE: UPDATED INFORMATION IS INDICATED IN RED**

## AFRICAN REGION

## Egypt

## OFFICIAL

07/05/13 – Confirmed H5 HPAI outbreaks in poultry in Cairo, Gharbia and Menoufia (FAO Field Officer)

Between 24 to 30 April 2013, six H5 HPAI outbreaks were detected in Cairo (1) Gharbia (4) and Menoufia (1) Governorates.

- The outbreak in the Cairo Governorate was in un-vaccinated poultry (chickens and ducks) detected through active surveillance in live bird markets.

- In the Gharbia Governorate, two outbreaks, one in a vaccinated duck farm and the other in a non-vaccinated chicken farm, were detected through active surveillance, and two additional outbreaks in unvaccinated backyard poultry were found, one through passive and the other through CAHO surveillance.

- The outbreak in the Menoufia Governorate in un-vaccinated household poultry was reported through passive surveillance.

06/05/13 – Confirmed H5N1 infection in a human, Sohag (FAO Field Officer)

According to the Ministry of Health and Population, a 25-year old woman from Gohina District, Sohag Governorate tested positive for H5N1 by RT-PCR at the Central Public Health Laboratories (NIC); she developed symptoms on 25 April 2013 and died on 5 May 2013. The sample will be also sent to the WHO reference laboratory (NAMRU-3). Investigations revealed that the case had close contact with backyard poultry (ducks, turkeys and chickens), most of the poultry died a few days before the woman developed the symptoms. Local veterinary services conducted an investigation together with the local health team.

01/05/13 – Confirmed H5 HPAI outbreaks in poultry, Ismailia and Giza (FAO Field Officer)

Between 18 to 23 April 2013, two H5 HPAI outbreaks were detected in poultry in Ismailia (1) and Giza (1) Governorates. The outbreak in the Ismailia Governorate was in a vaccinated commercial chicken farm, reported through passive surveillance. The outbreak in Giza was detected through active surveillance in un-vaccinated poultry (ducks, geese and turkeys) in live bird markets.

## ASIAN REGION

## Bangladesh

## OFFICIAL

29/04/2013 – Confirmed H5N1 HPAI outbreaks in poultry, Dhaka and Rangpur (World Organisation for Animal Health – OIE)

In February/March 2013, two outbreaks of H5N1 HPAI were reported in commercial poultry farms in Dhaka and Rangpur Divisions.

- One outbreak started on 27 February 2013, in Mithapukur Shathibari, Rajghat, Rangpur District, Rangpur Division, where a total of 3 420 out of a susceptible population of 12 394 died;

- The second outbreak started on 9 March 2013, in Indro-Narayanpur, Rajbari Sadar Upazila, Rajbari District, Dhaka Division, where a total of 558 out of a susceptible population of 1 800 died.

In both farms the remaining population was destroyed.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13335](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13335)

## China

## OFFICIAL

08/05/2013 – Confirmed avian influenza A(H7N9) infections in humans, Anhui, Beijing, Fujian, Henan, Hunan, Jiangsu, Jianxsi, Shandong, Shanghai, Zhejiang and Taiwan Province of China (National authorities and World Health Organization – WHO)

As of 8 May 2013, a total of 131 cases of human infection with avian influenza A(H7N9) virus, of which 32 have died, in 11 provinces / municipalities, namely Anhui (4 cases, 1 died), Beijing (1 case), Fujian (5 cases, 1 died), Henan (4 cases), Hunan (2 cases), Jiangsu (27 cases, 8 died), Jianxsi (6 cases, 1 died) Shanghai (33 cases, 13 died), Shandong (2 cases), Zhejiang (46 cases, 7 died) and Taiwan province of China (1 case). This includes a retrospective survey of samples collected earlier this year in Shanghai. In addition, one asymptomatic case was found in Beijing. The latest fatality was reported by WHO without further details.

<http://www.moh.gov.cn/mohwsyjbg/s3578/201305/d0f566bb5db5426d89911c70dd3c455a.shtml>

<http://www.moh.gov.cn/mohwsyjbg/yqxx/201305/461a427733934d148247ab3b81f03e75.shtml>

<http://www.moh.gov.cn/mohwsyjbg/yqxx/201305/32a18cf9dda4a5499cef0ea805a44fb.shtml>

[http://www.who.int/csr/don/2013\\_05\\_08\\_ncov/en/index.html](http://www.who.int/csr/don/2013_05_08_ncov/en/index.html)

05/05/2013 – Confirmed presence of avian influenza A(H7N9) virus in poultry and the environment, Guangdong, Jianxsi, Shandong (National authorities and World Organisation for Animal Health –OIE)

A total of five samples from Guangdong, Jiangxi, and Shandong Provinces tested positive for avian influenza A(H7N9) by the National Avian Influenza Reference Laboratory; one chicken sample from the Sanniao live bird wholesale market, Dongcheng District, Dongguan City, Guangdong Province; another chicken sample from Xiangtang market, Nanchang County, Nanchang City, Jianxsi Province; and three environmental samples from Xinfu live bird market, Shizhong District, Zaozhuang City, Shandong Province. As of 5 May 2013, total of 51 avian and environmental samples have been reported to have tested positive for H7N9, primarily from live bird markets.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13391](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13391)

02/05/2013 – Confirmed avian influenza A(H7N9) infections in humans, Anhui, Beijing, Fujian, Henan, Hunan, Jiangsu, Jianxsi, Shandong, Shanghai, Taiwan Province of China and Zhejiang (National authorities and World Health Organisation – WHO)

As of 2 May 2013, a total of 128 cases of human infection with avian influenza A(H7N9) virus, of which 26 have died, in 11 provinces / municipalities namely Anhui (4 cases, 1 died), Beijing (1 case), Fujian (3 cases), Henan (4 cases), Hunan (2 cases), Jiangsu (27 cases, 6 died), Jianxsi (5 cases) Shanghai (33 cases, 13 died), Shandong (2 cases), Taiwan province of China (1 case) and Zhejiang (46 cases, 6 died). This includes a retrospective survey of samples collected earlier this year in Shanghai. In addition, one asymptomatic case was found in Beijing.

<http://www.moh.gov.cn/mohwsyjbg/s3578/201305/0f0c5a697d10406ea99a6ef78b99f947.shtml>

[http://www.who.int/csr/don/2013\\_05\\_02/en/index.html](http://www.who.int/csr/don/2013_05_02/en/index.html)

## Democratic People's Republic of Korea

09/05/2013 – Confirmed H5N1 HPAI outbreak in poultry, Pyongyang (national authorities)

On 19 April 2013, a decrease in appetite and egg production was noticed in a duck factory in Pyongyang. Soon after, other ducks in fattening cages also showed the same signs with some mortality. Initially, these signs were thought to be due to a problem in the feed. However as the mortality increased, the Central Veterinary Station was informed on 2 May 2013 and some samples were sent for testing. A virus was isolated from the samples and confirmed to be H5 HPAI, and further

testing with RT-PCR by the Veterinary Institute of the Academy of Agriculture Science confirmed the samples were positive for H5N1 on 7 May 2013. A total of 20 cages were infected, more than 2 000 adult ducks, 42 000 fattening ducks and 129 000 ducklings have died or been culled. Disease control measures have been strictly taken and appropriate biosecurity has been strictly enforced. Public awareness activities for the factory workers and residents around, as well as an epidemiological survey have been conducted. No human illness due to H5N1 has been found.

## Nepal

### OFFICIAL

26/04/2013 – Confirmed H5N1 HPAI outbreaks in poultry, Lumbini, Mechi, Narayani (World Organisation for animal Health – OIE)

Between 12 February and 30 March 2013, there were a total of nine H5N1 HPAI outbreaks confirmed in: Chitwan, Narayani Zone (1); Nawalparasi District, Lumbini Zone (1); and Jhapa District (6) and Taplejung District (1), Mechi Zone. The outbreaks in Chitwan, Nawalparasi, and two of the six outbreaks in Jhapa, were in commercial poultry farms, the rest were in backyard poultry holdings. A total of 3 982 poultry died and the other 6 919 were destroyed.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13256](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13256)

### NON-OFFICIAL

26 & 27/04/2013 – Suspected H5N1 HPAI outbreaks in poultry, Lalitpur, Pokharbhandi and Rupandehi (Media)

Authorities have confirmed an H5N1 HPAI outbreak at a poultry farm in Bhairahawa, Pokharvindi VDC, Rupandehi District, Lumbini Zone. More than 200 birds and 50 kilograms of chicken feed were destroyed on Saturday [30 April 2013] following the confirmation of samples taken from dead chickens, which tested positive [for H5N1 HPAI]. The laboratory test was carried out after 120 chickens died on the farm. H5N1 HPAI outbreaks were confirmed in Chapagaun VDC, Lalitpur District, Bagmati Zone; 498 chickens, five ducks and 150 kg feed in two farms were destroyed to control the outbreak. An H5N1 HPAI outbreak was also noticed in the Tarai – southern plains – which are experiencing temperatures above 25 degrees centigrade. The outbreak was noticed in Pokharbhandi of Rupandehi. The directorate has culled 200 chickens and destroyed 50 kg of feed at the affected poultry farm.

<http://www.thehimalayantimes.com/fullNews.php?headline=Bird+flu+in+Rupandehi+&NewsID=374354>  
<http://thehimalayantimes.com/rssReference.php?headline=Bird+flu+outbreak+in+Lalitpur&NewsID=374503>

## Viet Nam

### OFFICIAL

26/04/2013 – Additional information on confirmed H5N1 infection in humans, Dong Thap and Long An (WHO)

H5N1 infection was confirmed in a 4-year old male from Dong Thap in March 2013. The boy had a history of contacting sick/dead poultry. H5N1 infection was also confirmed in a 20-year old female from Long An in April 2013. A neighbour, near where the female lived, had poultry which were reported to have [recently] died.

[http://www.who.int/influenza/human\\_animal\\_interface/Influenza\\_Summary\\_IRA\\_HA\\_interface\\_26Apr13.pdf](http://www.who.int/influenza/human_animal_interface/Influenza_Summary_IRA_HA_interface_26Apr13.pdf)

### NON-OFFICIAL

05/05/2013 – Suspected H5N1 HPAI outbreaks in poultry, Can Tho, Hau Giang, Kien Giang (media)

An outbreak of H5N1 HPAI was detected in poultry in the Mekong Delta, in O Mon district, Can Tho Province. According to the Preventive Medicine Centre, a chicken farm in Truong Lac Ward, O Mon District, reported on 22 April 2013 that many of their chickens had died unusually. The chickens tested positive for H5N1 virus. The agency then culled all the poultry

at the farm and decontaminated the area. The preventive medicine centre is monitoring the health conditions of the farm owner and all family members. With the outbreak, Can Tho became the third locality in the Mekong Delta reporting the recurrence of the influenza in poultry, after Kien Giang and Hau Giang Provinces. On 12 April 2013, southern Kien Giang Province authorities culled 1 600 poultry infected with the [H5N1] virus.

<http://english.vietnamnet.vn/fms/society/73154/society-in-brief-4-5.html>

<http://tuoitrenews.vn/society/8735/breakfast-tuoitrenews-apr-13>

## EUROPEAN REGION

## Germany

### OFFICIAL

03/05/2013 – Confirmed H5N1 low pathogenic avian influenza (LPAI) outbreak in poultry, Lower Saxony (World Organisation for animal Health – OIE)

An outbreak of H5N1 LPAI was reported in a poultry farm in Herzlake, Emsland, Niedersachsen. The outbreak started on 30 April 2013 where a total of 69 birds were affected out of a susceptible population of 34 500.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13417](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13417)

26/04/2013 – Confirmed H5N1 low pathogenic avian influenza (LPAI) outbreak in poultry, Lower Saxony (World Organisation for animal Health – OIE)

An outbreak of H5N1 LPAI was reported in a poultry farm in Badbergen, Osnabrück, Niedersachsen. The outbreak started on 24 April 2013 where a total of 10 birds were affected out of a susceptible population of 19 000.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13324](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13324)

## AMERICAN REGION

## Mexico

### OFFICIAL

08/05/2013 – Confirmed H7N3 HPAI outbreaks in poultry, Guanajuato, Jalisco, Puebla (World Organisation for animal Health – OIE)

A total of five outbreaks of H7N3 HPAI occurred in four poultry farms in Guanajuato, Jalisco, Puebla and one village in Jalisco. A total of 40 010 birds have died out of a susceptible population of 890 015; the remaining were destroyed.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=13422](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=13422)  
<http://www.senasica.gob.mx/?doc=23739>

## 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: 29/04/13 Reported: 30/04/13 Gharbia	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	6/0
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	30/27
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	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: 19/04/2013 Reported: 09/05/2013 Pyongyang	Observed: 19/04/2013 Reported: 09/05/2013 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	Observed: 28/07/12 Reported: 28/07/12 Aceh	domestic poultry	192/160
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 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: 30/03/2013 Reported: 08/04/13 Chitwan	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	Reported: 06/04/13 Ninh Thuan	domestic poultry, wild birds	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	

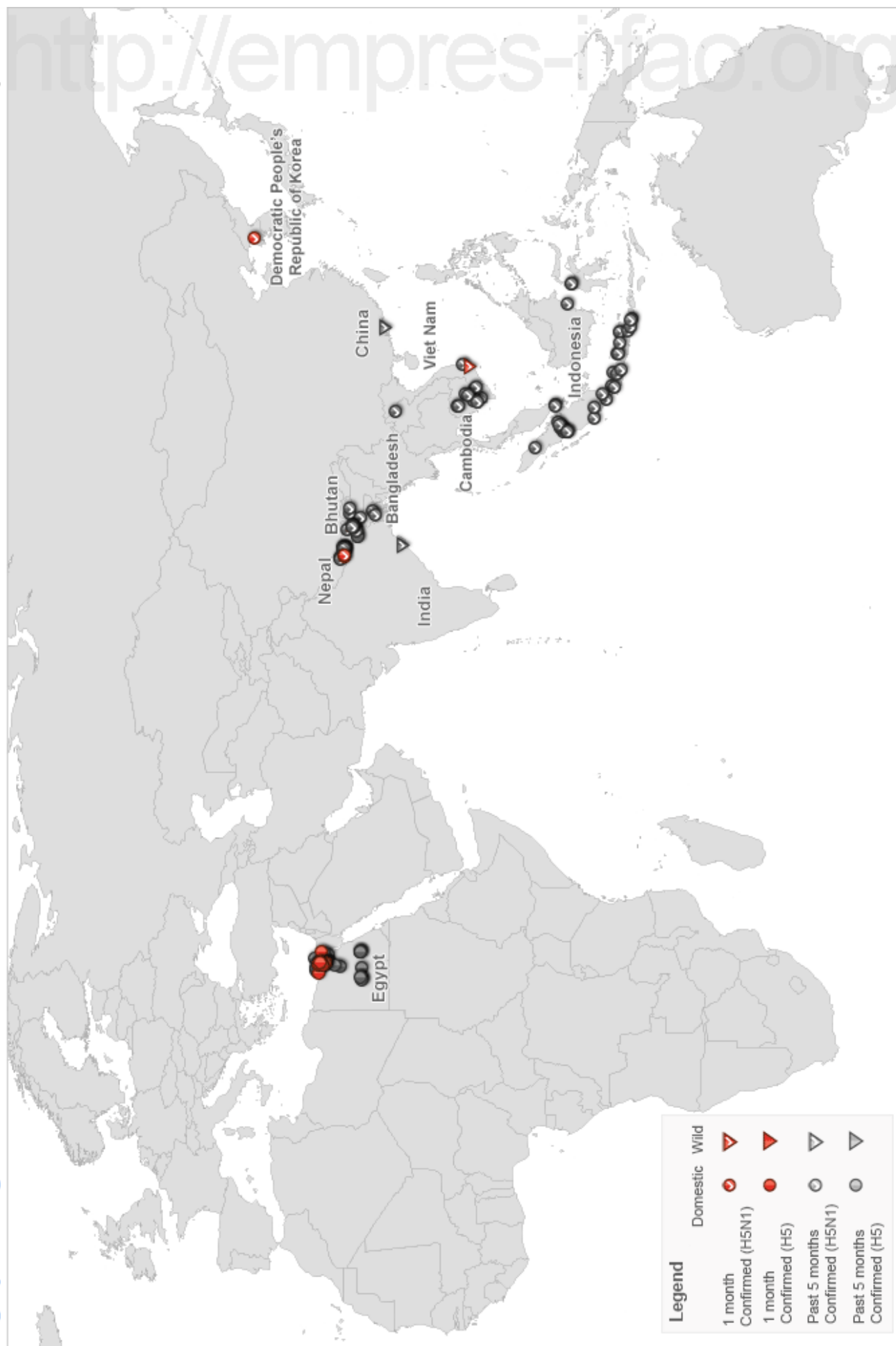


## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

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 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: 23/02/2006 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 events

09 November 2012 - 09 May 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](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](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 (1<sup>st</sup> map) and last six months (2<sup>nd</sup> 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.