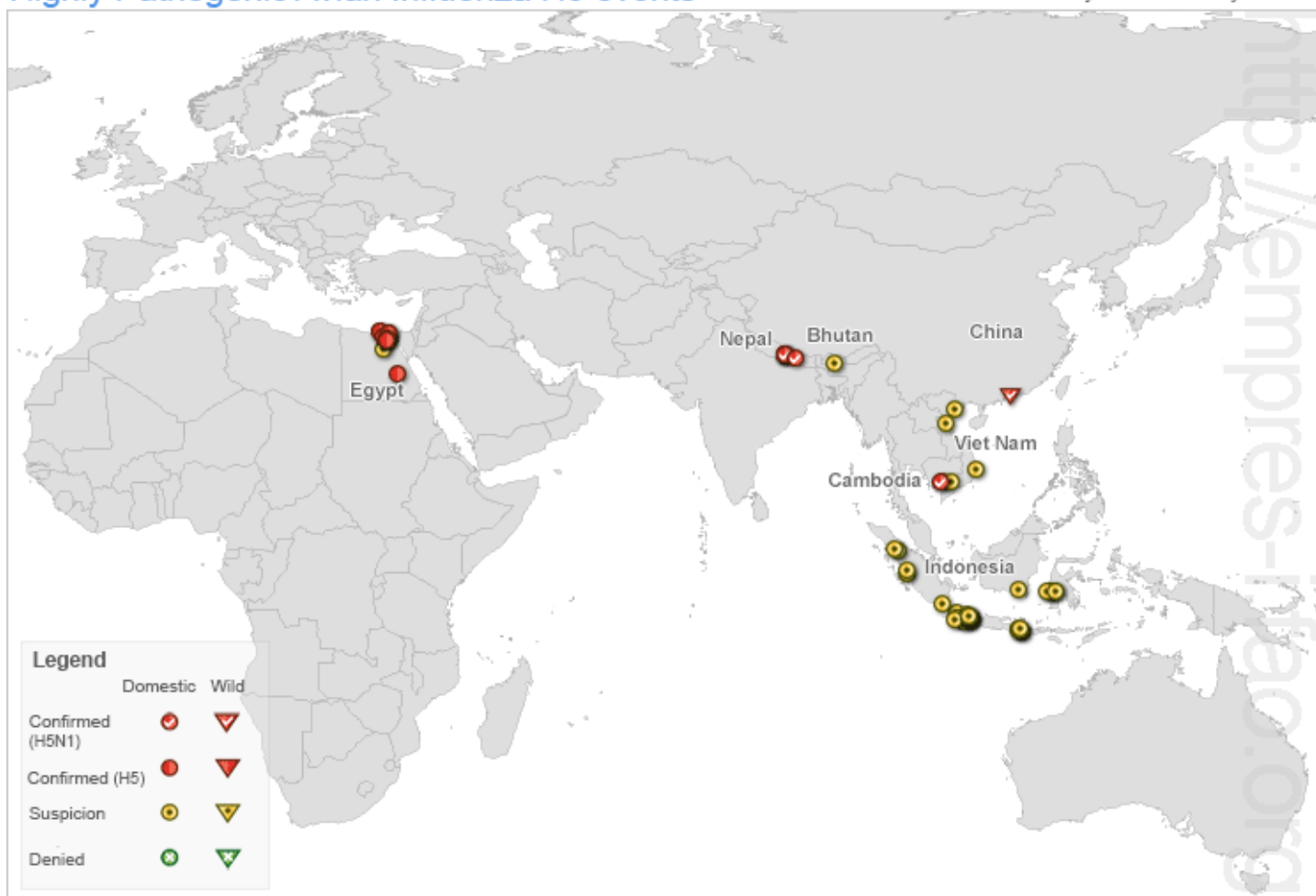


## Highly Pathogenic Avian Influenza H5 events

07 January - 07 February 2013



Note: A map of H5 HPAI events during the latest six months is shown on the last page.

Source: FAO EMPRES-I <http://empres-i.fao.org/empres-i/home>

## WHAT'S NEW in this issue?

AFRICAN REGION**Egypt**

- Confirmed H5 HPAI outbreaks in poultry (Behera, Giza, Menofia )

ASIAN REGION**Bangladesh**

- Confirmed H5N1 HPAI outbreak in poultry (Dhaka)

**Indonesia**

- Suspected H5N1 HPAI outbreaks in poultry (West Sumatra, West Java, West Sulawesi, North Sumatra)

**Viet Nam**

- Suspected H5N1 HPAI outbreaks in poultry (Tay Ninh)

## AFRICAN REGION

**Egypt****OFFICIAL**

**05/02/13 – Confirmed H5 HPAI outbreaks in poultry, Behera, Giza, Menofia (FAO Field Officer)**

Between 22 January and 29 February 2013, four H5 HPAI outbreaks were detected in poultry in Behera (1), Giza (2) and Menofia (1) Governorates. Two were detected in live-bird markets in Menofia and Giza Governorates, one outbreak was detected in household chickens and ducks in Giza, and one outbreak was detected in vaccinated chickens in the commercial farm sector in Behera. The infected poultry found in the live-bird markets and at the household were not vaccinated. The infected poultry in live-bird markets were detected through active surveillance, and other outbreaks were detected through passive surveillance.

**30/01/13 – Confirmed H5 HPAI outbreaks in poultry, Behera, Dakahlia and Menofia (FAO Field Officer)**

Between 23 and 30 January 2013, four H5 HPAI outbreaks were detected in poultry in the Behera (1), Dakahlia (2) and Menofia (1) Governorates. In Menofia, H5 HPAI was detected in a turkey, in a live-bird market of which the vaccination status was unknown, and the other three outbreaks were detected in households with unvaccinated poultry in Behera

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

(1) and Dakahlia (2) Governorates. The outbreaks were detected through targeted surveillance in Menofia (1), active surveillance in Behera (1) and through community-based animal health outreach (CAHO) in Dakahlia (2).

28/01/13 – Confirmed H5N1 infection in a human, Behera (FAO Field Officer)

H5N1 infection was reported in a 36-year old female from Delengat District, Behera Governorate. She developed symptoms on 16 January 2013 and died on 26 January 2013. Initial RT-PCR testing was positive at the sub-national virology laboratory in the Alexandria Governorate; confirmed by RT-PCR at the Central Public Health Laboratory [WHO National Influenza Center (NIC)] on 27 January 2013. Investigations into the source of infection indicated that the case had exposure to sick and dead backyard poultry (chickens and ducks) through raising and slaughtering the poultry.

## ASIAN REGION

### Bangladesh

#### OFFICIAL

05/02/13 – Confirmed H5N1 HPAI outbreak in poultry, Dhaka (World Organisation for Animal Health -OIE)

An outbreak of H5N1 HPAI was reported in poultry in Bay Agro Industries Limited, Telirchala, Mouchak, Kaliakair Upazila, Gazipur District, Dhaka Division. The outbreak started on 17 December 2012, 8 509 birds died, out of a susceptible population of 153 477. The remaining population was destroyed.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12973](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12973)

### Cambodia

#### OFFICIAL

27 & 30/01/13 – Confirmed H5N1 HPAI outbreaks in poultry, Kampong Speu and Takeo (World Organisation for Animal Health -OIE)

Two outbreaks of H5N1 HPAI were reported in backyard poultry in Kampong Speu and Takeo Provinces.

- The outbreak in Snau Village, Snau Commune, Prey Kambas District, Takeo Province started on 9 January 2013; a total of 2 304 birds, out of a susceptible population of 7 393, died.

- The outbreak in Prey Nheat Village, Prey Nheat Commune, Kong Pisei District, Kampong Speu Province started on 26 January 2013, where a total of 67 birds died out of a susceptible population of 503.

The remaining poultry population in both outbreaks was destroyed. In both villages, human infection with H5N1 were diagnosed recently (see below).

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=12947](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=12947)  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=12931](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=12931)

25 & 29/01/13 – Confirmed H5N1 infection in humans, Kampong Speu, Kampot, Phnom Penh, Takeo - (Ministry of Health; WHO; UN-Cambodia)

H5N1 HPAI infection has been reported in five humans in Kampong Speu (2), Kampot (1), Phnom Penh (1), Takeo (1) Provinces. All affected individuals are reported to have either had direct contact or lived in a village with sick and dying poultry. The Rapid Response Teams (RRT) of the Ministry of Health visited the hospitals and the field to identify any epidemiological linkage among the cases.

[http://www.un.org.kh/index.php?option=com\\_content&view=category&layout=blog&id=65&Itemid=119](http://www.un.org.kh/index.php?option=com_content&view=category&layout=blog&id=65&Itemid=119)  
[http://www.un.org.kh/attachments/article/601/25-26th%20Press%20Release%20AI\\_Eng\\_.pdf](http://www.un.org.kh/attachments/article/601/25-26th%20Press%20Release%20AI_Eng_.pdf)  
<http://www.un.org.kh/attachments/article/600/PR-H5N1-22-24th.%20Eng.pdf>

### China

29/01/13 – Confirmed H5N1 infection in a wild bird, Hong Kong SAR (Agriculture, Fisheries and Conservation Department (AFCD); World Organisation for Animal Health - OIE)

H5N1 infection was detected in a sick black-headed gull (*Larus ridibundus*) which was collected on 25 January 2013 at Mouse Island children's playground, Hoi Wing Road, Tuen Mun. There is one chicken farm within three kilometres of where the bird was found. AFCD staff inspected the farm and found no abnormal mortality or signs of avian influenza among the chicken flocks. The farm will be put under enhanced surveillance.

[http://www.afcd.gov.hk/english/publications/publications\\_press/pr1821.html](http://www.afcd.gov.hk/english/publications/publications_press/pr1821.html)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12939](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12939)

### Indonesia

#### NON-OFFICIAL

06/02/13 – Suspected HPAI outbreaks in poultry, West Sumatra (Media)

Hundreds of ducks reportedly died suddenly due to HPAI in a village in Kampung Lintang Village, Nagari Sunur City, Nan Sabaris Sub-district, Padangpariaman Regency, West Sumatra. The rapid test results were positive for the avian influenza virus. As per standard operating procedures, since the birds died due to H5N1 influenza virus infection, the remaining ducks in the local area will be destroyed.

<http://nusantara.rmol.co/read/2013/02/06/97253/Ratusan-Itik-di-Padangpariaman-Positif-Terjangkit-Flu-Burung->

06/02/13 – Suspected HPAI outbreaks in poultry, West Java (Media)

On 4 January 2013, there were two outbreaks of HPAI in the Ciwaringin Village, Ciwaringin Sub-district; 36 out of 60 chickens died. Other outbreaks were reported as follows: on 15 January 2013, there was one outbreak with one chicken that died out of 15, in the Kedung Bunder Village, Gempol Sub-district, Ciwaringin District; on 11 January 2013, in the Girang Talun village, Cirebon District, four out of six free-range chickens died; and on 15 January 2013, in Pasanggahan Kidul Block, Sibubut Village, Gegesik Sub-district, 750, out of 1 000 ducks, died.

<http://cirebonnews.com/Berita/Kasus-Flu-Burung-Diprediksi-Meningkat.html>

02/02/13 – Suspected HPAI outbreaks in poultry, West Sulawesi (Media)

The HPAI virus spread widely in the Polewali Mandar Regency, West Sulawesi. Just within the past week [26 January to 1 February 2013], in four districts, tens of thousands of ready-to-market ducks and chickens died suddenly. In Anas Mamm Village, Binung District, Polewali Mandar Regency, hundreds of chickens died suddenly with HPAI characteristics, such as combs and brownish-black flesh. At least 4 000 chickens, which were ready to sell, had been destroyed after the cage tested positive for H5N1 virus variant 2.3.2. The disease first infected hundreds of ducks in the district Wonomulyo and Liboro, Polewali Mandar, since two weeks ago [19 January 2013]. This deadly virus quickly spread to other districts. At least four sub-districts in Polewali Mandar Regency: Wonomulyo, Limboro, Andreapi and Binuang Sub-districts tested positive for HPAI.

<http://banjarmasin.tribunnews.com/2013/02/02/ribuan-ayam-dan-itik-mati-mendadak>

18/01/13 – Suspected HPAI outbreaks in poultry, North Sumatra (Media)

HPAI virus has now spread to Hasundutan Humbang District, North Sumatra (North Sumatra). Dozens of chickens died suddenly. Sileang Village, Dolok Sanggul City, Humbang Hasundutan Regency, about 280 kilometres from Medan, capital of North Sumatra, where 50 chickens were already known to have died from the HPAI virus.

<http://harianmandiri.com/nasional/flu-burung-mulai-merebak-di-humbang-hasundutan-sumut/1046>

29/01/13 – Suspected HPAI outbreaks in poultry, West Java (Media)

Since the beginning of January 2013, at least 250 traditionally reared ducks in the Cisaat district, Sukabumi Regency, died suddenly, one after another. A rapid test on a blood sample taken from a duck carcass tested positive for HPAI.

In Bojong Genteng District, Sukabumi Regency, about 100 traditionally reared chickens died suddenly. The rapid test performed, was positive for HPAI infection.

<http://mobile.seruu.com/kota/bandung-seruu/artikel/virus-h5n1-serang-sukabumi-250-ekor-itik-mati-mendadak>

31/01/13 – Suspected HPAI outbreaks in poultry and H5N1 infection in humans, West Sumatra (Media)

In Padang City, five children have been treated intensively in isolation in the Muhammad Jamil Hospital. Blood samples have been sent to a hospital in Jakarta for testing. According to their parents, the children had direct contact with chickens, which had died suddenly in the home environment. The Padang Animal Husbandry Department started preventive control measures, including spraying disinfectant and poultry inspection at traditional markets.

[http://news.mnctv.com/index.php?option=com\\_content&task=view&id=12252&Itemid=14](http://news.mnctv.com/index.php?option=com_content&task=view&id=12252&Itemid=14)

## Viet Nam

### NON-OFFICIAL

01 & 05/02/13 – Suspected H5N1 HPAI outbreaks in poultry, Tay Ninh (Media)

Two outbreaks of avian influenza have been discovered in Tay Ninh Province. At the end of January 2013, avian influenza outbreaks occurred in Bau Tep Village, Tien Thuan Commune, Ben Cau District, and Co Do Hamlet, Binh Minh Commune, Tay Ninh Town, Tay Ninh Province. The total number of infected poultry, through deaths and culling in Tay Ninh is 3 438.

In Tien Thuan Commune, the source of this outbreak is suspected to be wild birds. At this time, close to the Tet festivals, the authorities are concerned about the re-emergence of avian influenza. Veterinary agencies sent staff to investigate the outbreak on a farm with 1 020 chickens (all about five months old) living in an open area, surrounded by fruit trees and rubber. The first onset of signs was on 22 January 2013, with 50 chickens dying suddenly; then, on 23 and 24 January 2013, 770 of the chickens died. Samples were taken on 24 January 2013 by the Department of Animal Health of Tay Ninh; the samples tested positive for avian influenza virus. The remaining chickens were destroyed.

<http://alobacsi.vn/2013020112572875p0c160/giap-tet-cum-gia-cam-lai-khoi-phat.htm>

<http://www.baomoi.com/Home/ThoiSu/www.qdnd.vn/Dich-cum-gia-cam-xuat-hien-tai-Tay-Ninh/10347361.epi>

## 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: 28/01/13 Reported: 29/01/13 Giza	domestic poultry	170/61
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: 17/12/12 Reported: 05/02/13 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: 26/01/11 Reported: 30/01/11 Kampong Speu	domestic poultry, wild birds	26/23
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	43/28
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	2/0
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 12/10/12 Reported: 26/10/12 Karnataka	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: 08/01/13 Reported: 18/01/13 Bagmati	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	Observed: 12/10/12 Reported: 25/10/12 Dien Bien	domestic poultry	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	

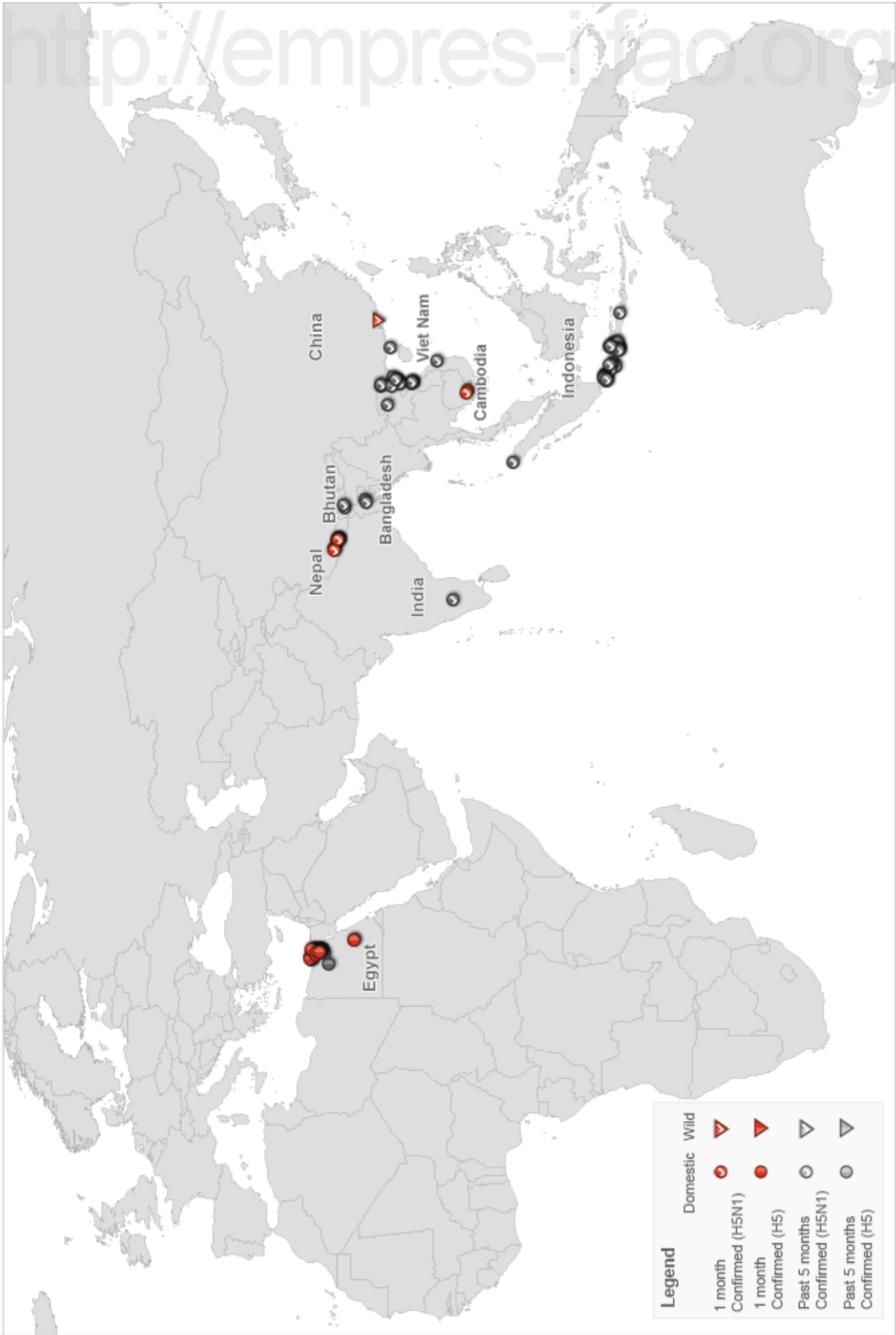
## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

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 confirmed outbreaks

07 August - 07 February 2013



## CONTACTS

## DISCLAIMER

The HPAI Situation Update compiles data on Highly Pathogenic Avian Influenza 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 *HPAI 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 ECTAD HPAI Situation Update 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 the 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 FAO HPAI Situation Update please contact the EMPRES/GLEWS team of FAO [GLEWS@fao.org](mailto:GLEWS@fao.org)

**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 non-official reports.

**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.