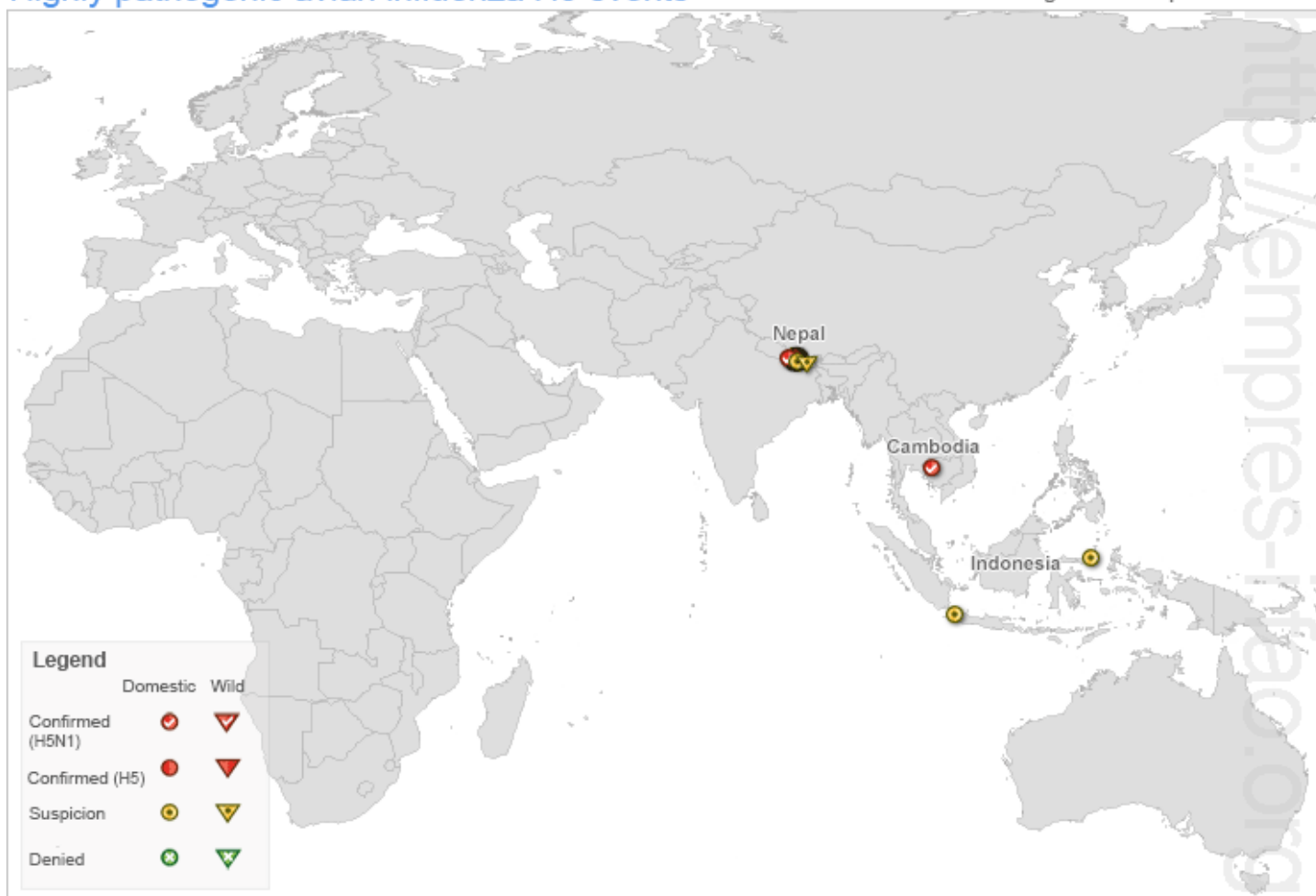


## Highly pathogenic avian influenza H5 events

19 August - 19 September 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?

#### ASIAN REGION

##### Cambodia

- Suspected H5N1 infection in humans (Kampot and Takeo)

##### Nepal

- Suspected H5N1 HPAI outbreak in poultry (Kathmandu)
- Suspected H5N1 infection in wild birds (Bhaktapur)

#### EUROPEAN REGION

##### Italy

- Additional information on confirmed H7N7 HPAI outbreaks poultry (Emilia-Romagna)

### ASIAN REGION

#### Cambodia

##### OFFICIAL

04/09/2013 - Confirmed H5N1 infection in a human, Phnom Penh (Ministry of Health; WHO - World Health Organisation)

Cambodia has reported one new H5N1 avian influenza virus infection in a human, representing the 18th case in 2013. The patient is a 15-month-old boy from village number 11, Khan Russey Keo; he developed fever on 16 August 2013. Investigations are being carried out by the Ministry of Health's Rapid Response Teams (RRT) in the village to determine whether the child came into contact with sick or dead poultry. The RRTs are also trying to identify the child's close contacts, any epidemiological linkage among the 18 cases and initiate preventive treatment as required.

[http://www.cdcmoh.gov.kh/PressRelease/39th-press-release\\_H5N1\\_Eng.pdf](http://www.cdcmoh.gov.kh/PressRelease/39th-press-release_H5N1_Eng.pdf)

<http://www.wpro.who.int/mediacentre/releases/2013/20130905/en/index.html>

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

**NON-OFFICIAL****17/09/2013 – Suspected H5N1 infection in humans, Kampot and Takeo (Media)**

According to the spokesman of the Kantha Bopha Hospital in Phnom Penh, a 5-year-old girl from Takeo Province and a 2-year-old girl from Kampot Province – who has died – [if confirmed] will mark the 19th and 20th confirmed cases of avian influenza this year. More than half of the confirmed cases in Cambodia have been children under 14 years of age and most victims of the disease have been young girls.

<http://www.phnompenhpost.com/national/two-more-h5n1-cases-confirmed>

**Indonesia****NON-OFFICIAL**

10/09/2013 – Suspected H5N1 HPAI outbreak in poultry, Banten (Media)

The Head of the Livestock Department of Agriculture and Food Security, South Tangerang, said two of dozens of dead chickens in the Cilenggang Village, Serpong District, Tangerang Regency, Banten Province tested (rapid test) positive for avian influenza.

<http://id.berita.yahoo.com/unggas-mati-di-serpong-positif-avian-influenza-020827617.html>

**Nepal****OFFICIAL**

09 & 11/09/2013 - Confirmed H5N1 HPAI outbreaks in poultry, Bagmati, Gandaki, Narayani (OIE)

From 28 June to 24 July 2013, 21 outbreaks of H5N1 HPAI have been reported, 20 in poultry and one in a house crow. Of these, 18 were in the Bagmati Zone: Kathmandu (16); Lalitpur District (1), Bhaktapur District (1); one in the Narayani Zone, in the Chitwan District; two in the Gandaki Zone, in Kaski. A total of 16 outbreaks occurred in commercial farms and 4 outbreaks occurred in backyard poultry; and one H5N1 infection was reported in a house crow found dead near a tree at Rabibhavan area on 15 July 2013. A total of 23 880 birds out of 140 309 birds died, and the remaining population was destroyed.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=14080](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=14080)

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa\\_ge\\_refer=MapFullEventReport&reportid=14062](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa_ge_refer=MapFullEventReport&reportid=14062)

**NON-OFFICIAL****16, 18/09/2013 – Suspected H5N1 HPAI outbreak in poultry, Kathmandu; suspected H5N1 infection in wild birds, Bhaktapur (Media)**

In Kathmandu, the district veterinary office said no incidents of birds falling dead [from the sky] have been reported in the district so far. Meanwhile, the H5N1 strain of the avian influenza virus was confirmed in chickens on a farm at Kabresthali in Kathmandu on 16 September 2013.

Suspicion that H5N1 Avian Influenza infection is responsible for crows and pigeons to drop dead while in flight in Chnawa Ganesh of Bhaktapur Municipality-17 is causing fear among the Bhaktapur people. The government had declared Bhaktapur an avian influenza crisis-hit zone on 15 August 2013, a stamping out operation is on in the district, with 722 814 birds and 275 997 chicks from 498 farms culled so far. The operation has also destroyed 1 289 299 eggs and 50 806 kg chicken feed. Import and sale of birds, meat and eggs have been banned in the district in view of the avian influenza outbreak, however, meat suppliers are reportedly selling chickens and eggs imported illegally.

<http://www.thehimalayantimes.com/fullNews.php?headline=Terror+grips+Bhaktapur+folk+as+birds+drop+dead+&NewsID=391059&a=3>  
[http://www.myrepublica.com/portal/index.php?action=news\\_details&ews\\_id=61642](http://www.myrepublica.com/portal/index.php?action=news_details&ews_id=61642)  
<http://www.newsxs.com/en/go/13669803/3481/>

12/09/2013 – Overview of the H5N1 HPAI outbreaks in poultry (Media)

On 11 September 2013, bringing its two-month-long intensive operation to an end, the government said it has completed slaughtering all chickens in commercial farms in avian influenza emergency areas; they slaughtered over 1.6 million birds, in 817 infected farms, and in thousands of individual houses in affected areas across the country. Further slaughtering of birds in individual houses in Kathmandu is scheduled to occur on 12 September 2013. The government owes Rs 210 million [USD 2.04 million] in compensation to poultry farmers of 12 districts, where the avian influenza outbreaks were reported after 15 June 2013. The emergency zones were declared and blanket slaughtering was conducted in: Bhaktapur District; some areas of Kathmandu Metropolitan City; and the Kirtipur Municipality.

<http://ekantipur.com/2013/09/12/headlines/817-poultry-farms-cleared-of-infected-fowls/377864/>

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

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

**EUROPEAN REGION****Italy****OFFICIAL****16/09/2013 – Additional information on confirmed H7N7 HPAI outbreaks in poultry, Emilia-Romagna [Regione Emilia-Romagna Authority]**

Suspension of bird exhibitions, fairs, markets and concentrations of susceptible species in the Emilia-Romagna Region, which has been enforced since 28 August 2013, is lifted, with exception for birds coming from zones of protection, restriction or surveillance

<http://www.regione.emilia-romagna.it/notizie/2013/settembre/aviaria-meno-vincoli-per-mostre-e-mercati-degli-uccelli>

**09/09/2013 – Additional information on confirmed H7N7 HPAI outbreaks in poultry, Emilia-Romagna [Reference Laboratory IZS-Ve]**

An epidemiological investigation revealed indirect contacts between the second and fourth outbreak farms before -21 August 2013, through manure transport. The fifth outbreak farm is located in a protection zone between the second and fourth outbreak farms (about 1.5 Km from both farms) and belonging to the same poultry company as the previous outbreaks in Mordano and Ostellato (outbreaks no.1, 2 and 4). Pre-emptive culling of all birds in contact farms (one layer and one pullet farm) of the same vertically integrated company located in the Lugo Municipality, Ravenna province, is on going. Compulsory testing of all dealers and growers in the Emilia Romagna Region has been established. Every 15 days, all farms should be virologically and serologically tested (20 swabs and 20 blood samples); Layer, breeder and meat turkey holdings situated in further restricted zones, which have been established adjacent to the surveillance and protection zones, must be officially checked with the collection of 30 swabs and 30 blood samples per shed, and to be repeated after 21 days.

[http://www.izsvenezie.it/images/stories/Pdf/Temi/Aviaria/situazione\\_epidemiologica2013/report\\_brx\\_20130910\\_final.pdf](http://www.izsvenezie.it/images/stories/Pdf/Temi/Aviaria/situazione_epidemiologica2013/report_brx_20130910_final.pdf)

04-05/09/2013 – Confirmed H7N7 avian influenza outbreaks in poultry, Emilia-Romagna [National Authorities; World Organisation for Animal Health (OIE)]

Two outbreaks of H7N7 avian influenza were reported in Emilia Romagna. One outbreak occurred on 3 September 2013 in commercial layer hens, in Mordano, Bologna Province, where 11 birds out of 98 200 died. A second outbreak occurred on 4 September 2013 in a backyard flock of free-range hens in

Bondeno, Ferrara Province, where a one bird died, out of a susceptible population of three.

<http://www.regione.emilia-romagna.it/notizie/2013/settembre/aviaria-nuovo-focolaio-in-un-altro-allevamento-eurovo-a-mordano>  
<http://www.regione.emilia-romagna.it/notizie/2013/settembre/aviaria-nuovo-focolaio-a-bondeno-in-un-allevamento-domestico>  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?reportid=14031](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?reportid=14031)

05 & 11/09/2013 – Confirmed H7N7 influenza infection in a human, Emilia-Romagna (National & Regional Authorities)

The Istituto Superiore di Sanità has detected H7N7 virus in a person suffering from conjunctivitis with a history of occupationally exposed to sick birds of belonging to the H7N7 infected farms in Emilia Romagna Region. On 10 September 2013, this poultry worker became the third worker testing positive for H7N7 influenza virus by the Institute of Health. The patient has been kept isolated at home under medical monitoring until clinical recovery.

[http://www.salute.gov.it/portale/news/p3\\_2\\_4\\_1\\_1.jsp?lingua=italiano&menu=salastampa&p=comunicatistampa&id=4080](http://www.salute.gov.it/portale/news/p3_2_4_1_1.jsp?lingua=italiano&menu=salastampa&p=comunicatistampa&id=4080)  
<http://www.regione.emilia-romagna.it/notizie/primo-piano/aviaria-positivo-un-terzo-lavoratore>

## 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 Basassandra, 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	39/29
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: 23/07/13 Reported: 11/09/13 Kathmandu	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	

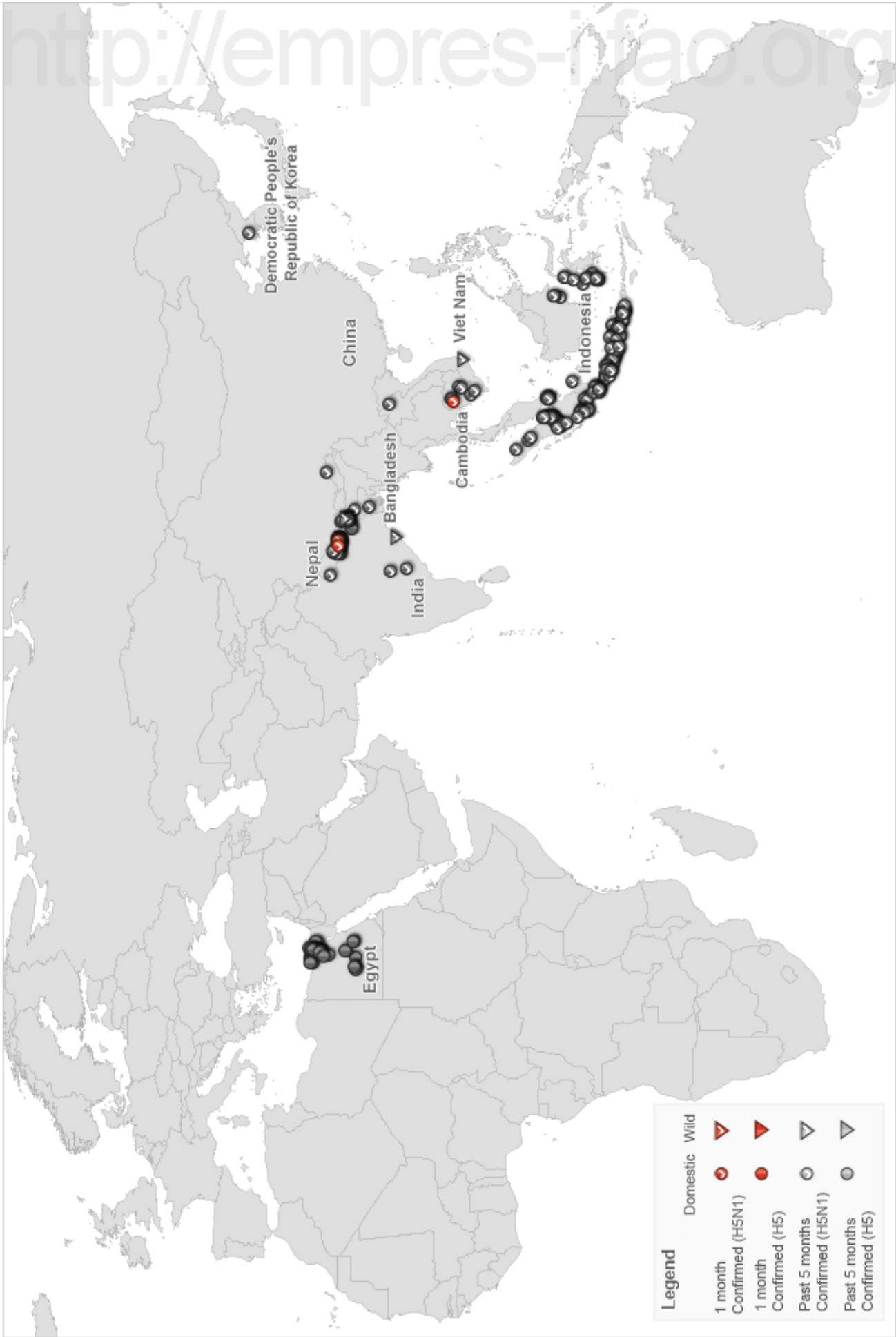
## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

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 Srednjebosan ski	Observed: 16/02/06 Reported: 20/02/06 Srednjebosan 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

19 March - 19 September 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 (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.