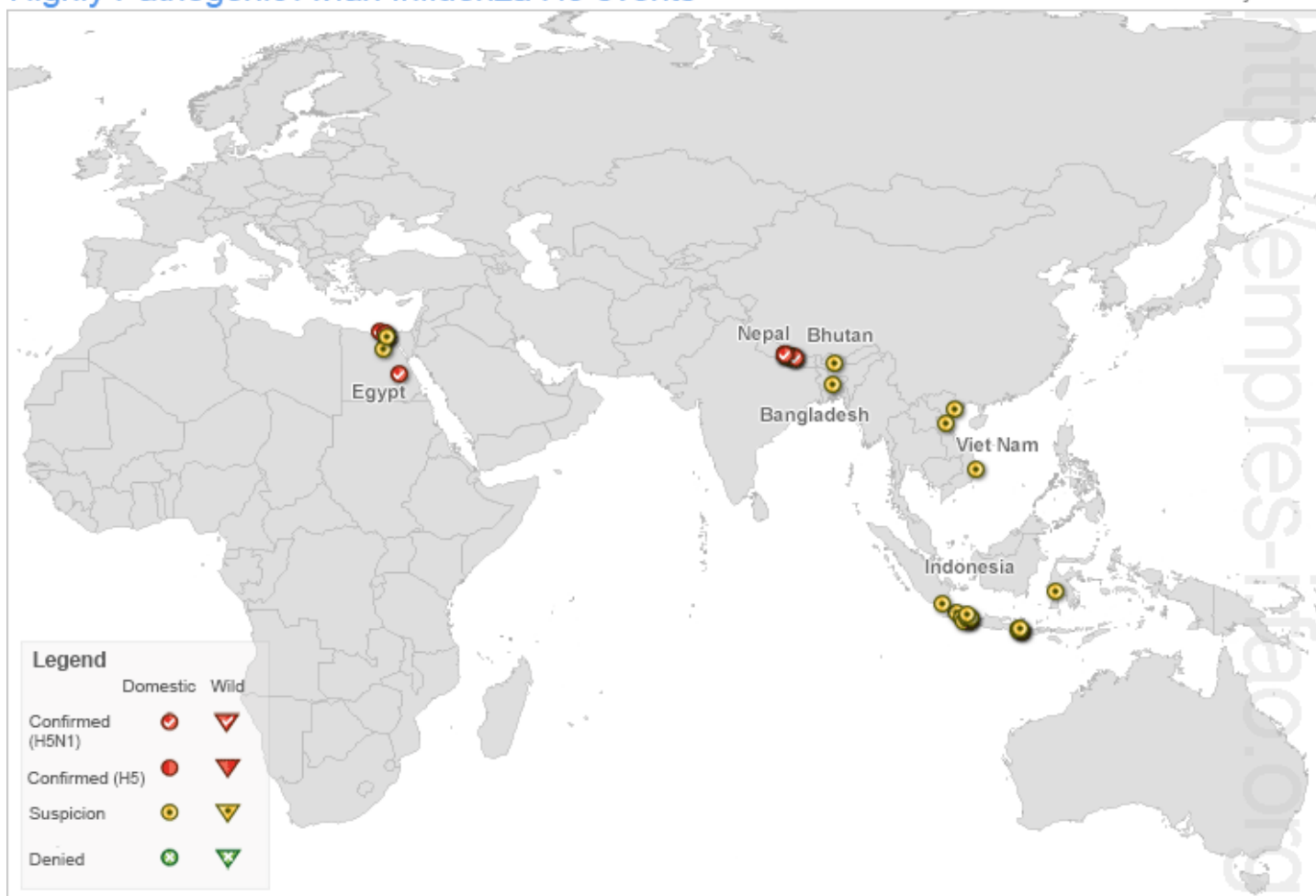


## Highly Pathogenic Avian Influenza H5 events

24 December 2012 - 24 January 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 outbreak in poultry (Luxor)
- Suspected H5N1 HPAI outbreaks in poultry (Menoufia, Beni Suef)

#### ASIAN REGION

##### Indonesia

- Suspected H5N1 HPAI outbreaks in poultry (Lampung, West Java, Bali)

##### Nepal

- Confirmed H5N1 HPAI outbreaks in poultry (Bagmati, Pokhara)

##### Viet Nam

- Suspected H5N1 HPAI outbreak in poultry, (Hai Phong)

#### EUROPE REGION

##### Denmark

- Confirmed H7 infection in a wild bird (western Jutland).

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

#### AFRICAN REGION

##### Egypt

###### OFFICIAL

**23/01/13 – Confirmed H5 HPAI outbreaks in poultry, Luxor (FAO Field Officer)**

Between 8 December and 15 January 2013, one H5N1 HPAI outbreak was reported as occurring on 14 January 2013, in a vaccinated chicken broiler farm in Esna District, Luxor Governorate.

15/01/13 – Confirmed H5N1 HPAI outbreaks in poultry, Behera, Gharbia (FAO Field Officer)

Between 26 December and 7 January 2013, three H5N1 HPAI outbreaks were detected in unvaccinated household poultry (chickens, ducks and geese) in Behera (1), and Gharbia (2) Governorates. All the outbreaks were detected through

community-based animal health outreach (CAHO) in unvaccinated birds.

#### NON-OFFICIAL

19/01/13 – Suspected H5N1 HPAI outbreak in poultry, Menoufia (Media)

The Director of the Directorate of Veterinary Medicine Menoufia announced that a new outbreak of HPAI was discovered in the market town of Ashmun, as samples tested positive.

<http://gate.ahram.org.eg/NewsContent/5/35/297396/%D9%85%D8%AD%D8%A7%D9%81%D8%B8%D8%A7%D8%AA/%D8%A3%D8%AE%D8%A8%D8%A7%D8%B1-%D9%88%D8%AA%D9%82%D8%A7%D8%B1%D9%8A%D8%B1/%D8%B8%D9%87%D9%88%D8%B1-%D8%A8%D8%A4%D8%B1%D8%A9-%D8%AC%D8%AF%D9%8A%D8%AF%D8%A9-%D9%84%D9%85%D8%B1%D8%B6-%D8%A5%D9%86%D9%81%D9%84%D9%88%D9%86%D8%B2%D8%A7-%D8%A7%D9%84%D8%B7%D9%8A%D9%88%D8%B1-%D8%A8%D8%A7%D9%84%D9%85%D9%86%D9%88%D9%81%D9%8A%D8%A9.aspx>

17/01/13 – Suspected H5N1 HPAI outbreak in poultry, Beni Suef (Media)

A large number of household poultry have died. In Alzarkan, the infected ducks and geese showed neurological symptoms and were failed to respond to treatment with antibiotics.

### AMERICAN REGION

#### Mexico

##### OFFICIAL

11 and 17/01/13 – Confirmed H7N3 HPAI outbreaks in poultry, Aguascalientes, Jalisco (World Organisation for Animal Health - OIE)

Three outbreaks of H7N3 HPAI were reported in poultry in Aguascalientes and Jalisco Provinces. The outbreaks started on 9 January 2013 and 12 January 2013, respectively. A total of 23 058 out of a susceptible population of 544 268 were affected and 20 999 died.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12877](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12877)  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12839?](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12839?)

### ASIAN REGION

#### Bhutan

##### OFFICIAL

11/01/13 – Confirmed H5N1 HPAI outbreak in poultry, Dagana - (World Organisation for Animal Health - OIE)

The H5N1 HPAI outbreak reported in poultry in Dagana District, previously mentioned by Media in the Daily Update of 10 January 2013, was reported to OIE.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12818](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12818)

#### Indonesia

##### NON-OFFICIAL

22/01/13 – Suspected H5N1 HPAI outbreak in poultry, Lampung (Media)

Based on the positive HPAI results of a rapid test conducted on duck samples, from a farm reporting dozens of ducks dying suddenly on 22 January 2013, the Head of Marine Fisheries and Livestock for Mesuji, Lampung District, stated that this was the first HPAI outbreak in the Mesuji district. "There were 30 dead ducks and 25 were sick. Everything has been destroyed by fire," he said. "During the month of January [2013] alone, there have been at least 825 ducks which have died," stated a resident of Mesuji. Based on information collected, ducklings were imported from Tegal, Central Java.

There are at least 500 breeding ducks. The duck farms are located adjacent to traditional markets and residential areas.

<http://www.indonesiarayanews.com/news/nusantara/01-22-2013-15-07/ratusan-itik-di-mesuji-terjangkit-h5n1>

22/01/13 – Suspected H5N1 HPAI outbreak in poultry, West Java (Media)

West Java Animal Husbandry Department warned that flood conditions could trigger the spread of highly pathogenic avian influenza through the movement of infected ducks. From December 2012 until today (22 January 2013), 29 cases of avian influenza have occurred in ducks in Kuningan district, Bandung, Garut, Majalengka, Cirebon and Indramayu.

<http://www.tempo.co/read/news/2013/01/22/058456096/Waspada-Penyebaran-Flu-Itik-Lewat-Banjir>

21/01/13 – Suspected H5N1 HPAI outbreak in poultry, Bali (Media)

The Head of the Department of Animal Husbandry and Animal Health in Bali, said four counties on the island tested positive. "The case of bird flu [HPAI] in ducks was first noted on 26 December 2012. HPAI was first found in Buleleng, then in Klungkung, Tabanan and Bangli. Meanwhile, samples from a suspected premises in Abiansemal, Badung regency, is still in test results from the laboratory," as of Monday, 21 January 2013. In the Bangli, infection was found in chickens. Therefore, officials have asked the public to immediately report if there are cases of death of ducks and chickens. So far, 2 400 ducks in the four districts are dead and 1 500 ducks are being culled in the HPAI affected areas.

<http://www.antaranews.com/berita/354212/empat-kabupaten-di-bali-positif-flu-burung?>

17/01/13 – Suspected H5N1 HPAI outbreak in poultry, South Sulawesi (Media)

More than 25 500 birds have died in Sidenreng Rappang Regency over the past month. The number is believed to be increasing.

<http://www.thejakartapost.com/news/2013/01/09/more-25500-fowl-die-s-sulawesi.html>

#### Nepal

##### OFFICIAL

18 & 21/01/13 – Confirmed H5N1 HPAI outbreaks in poultry, Pokhara, Bagmati (World Organisation for Animal Health - OIE)

Four H5N1 HPAI outbreaks in poultry in Pokhara (Kaski District), mentioned by media on 17 January 2013 (see below), and an outbreak in Bagmati (mentioned in a previous HPAI Situation Update), were reported to the OIE.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12901](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12901)  
[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?pa ge\\_refer=MapFullEventReport&reportid=12894](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?pa ge_refer=MapFullEventReport&reportid=12894)

##### NON-OFFICIAL

17/01/13 – Suspected H5N1 HPAI outbreak in poultry, Pokhara (Media)

More than 2 000 birds were culled, and all the chicken feed, bird droppings and medicines were destroyed, after the Regional Directorates of Livestock Services of Pokhara, confirmed HPAI in four farms in Batulechaur, Birauta, Sarangkot and Simpani in the Kaski District. At the farm in Birauta, birds suddenly started dying on 30 December 2012. Samples tested positive for HPAI at the Regional Veterinary Laboratory in Pokhara. Of the 35 samples collected from different poultry farms in Pokhara, four samples tested positive. All the farms have been disinfected and owners have been asked not to operate them for at least two months. The directorate will provide relief compensation of Rs 50 for chicks below four weeks and Rs 130 for chickens above four weeks.

<http://www.thehimalayantimes.com/fullNews.php?headline=Bird+flu+d etected+in+Pokhara+farms%3B+over+2%26sbquo%3B000+fowls+cul led&NewsID=362184>  
<http://www.thehimalayantimes.com/fullNews.php?headline=Bird+flu+h>

[its+4+places+in+Pokhara&NewsID=362075  
http://www.myrepublica.com/portal/index.php?action=news\\_details&news\\_id=48392](http://www.myrepublica.com/portal/index.php?action=news_details&news_id=48392)

## Viet Nam

### NON-OFFICIAL

23/01/13 – Suspected H5N1 HPAI outbreak in poultry, Hai Phong (Media)

Up to 9 000 ducks buried were in Chien Thang commune, An Lao District, Haiphong City, suspected to be infected with HPAI. The ducks had shown signs similar to those of HPAI, as reported by the Nong Thon Ngay Nay newspaper. The local authorities also applied other preventive measures to halt the disease expansion.

17/01/13 – Suspected H5N1 HPAI outbreak in poultry, Khanh Hoa (Media)

Nearly 15,000 poultry has been destroyed for H5N1 in Van Ninh district.

<http://nld.com.vn/2013011705207355p0c1205/khanh-hoa-tieu-huy-gan-15000-gia-cam-bi-cum-h5n1-tai-huyen-van-ninh.htm>

## EUROPE REGION

## Denmark

### OFFICIAL

23/01/13 – Confirmed H7 infection in a wild bird, western Jutland (World Organisation for Animal Health – OIE; national authorities)

Wild mallards (*Anas platyrhynchos*) were shot on 14 December 2012, in connection to the routine AI wild bird surveillance, at Hylleslev Enge, Varde Kommune, Jutland. A pooled sample from five healthy mallards was tested by PCR and sequence analysis and the results were reported as H7 HPAI.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=12896](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12896)

## 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: 14/01/13 Reported: 15/01/13 Luxor	domestic poultry	169/60
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: 23/10/12 Reported: 19/11/12 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: 03/11/11 Reported: 07/11/11 Battambang	domestic poultry, wild birds	21/19
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	Reported: 05/07/12 Mong Kok	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	

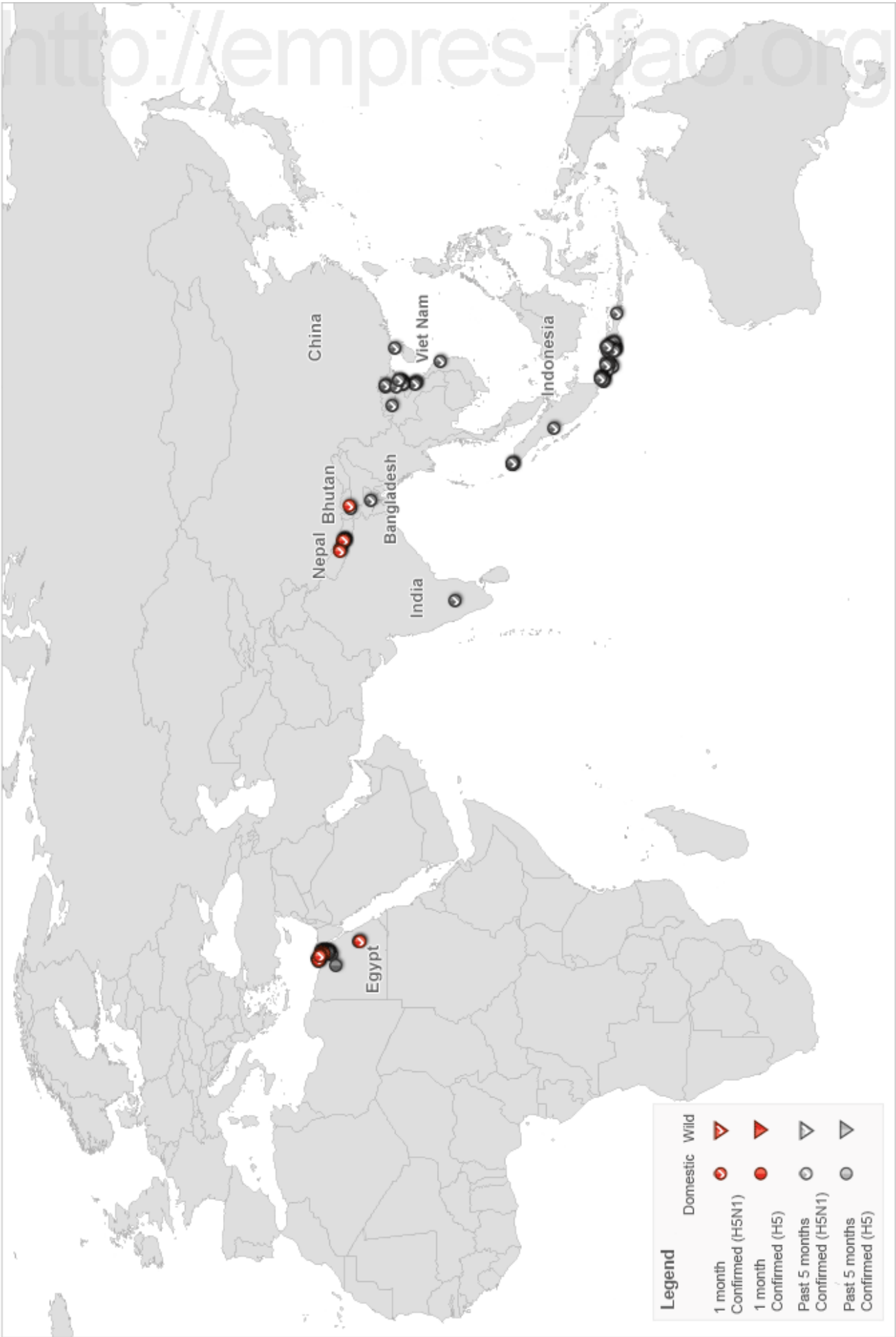
## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

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

24 July 2012 - 24 January 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.