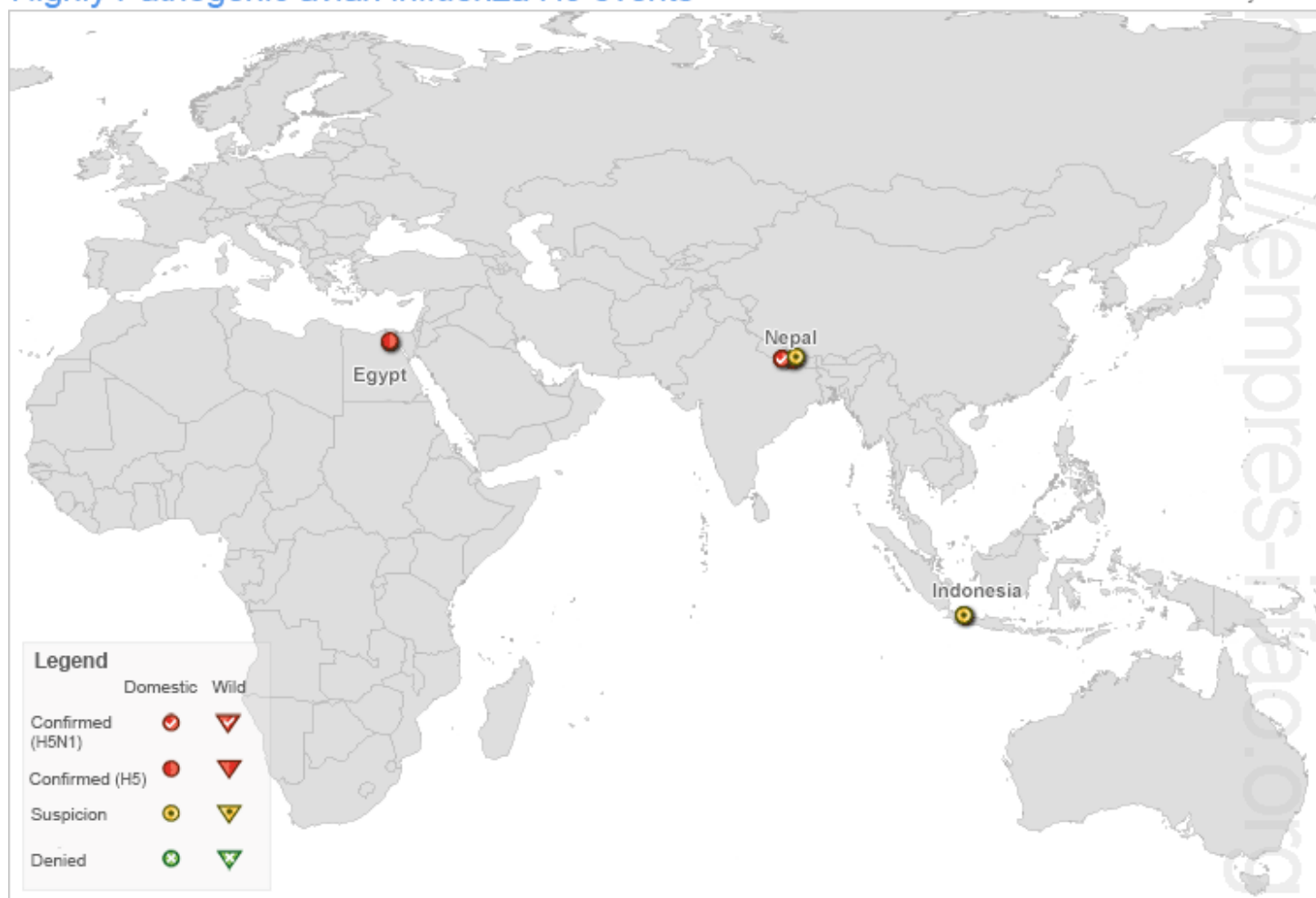


## Highly Pathogenic avian influenza H5 events

18 June - 18 July 2013



**Note:** A map of H5 HPAI events during the latest six months is shown on the last page. Information on avian influenza A (H7N9) and other influenza types is not included in this map. **Source:** FAO EMPRES-i <http://empres-i.fao.org/empres-i/home>

The current map still display only cases of H5 highly pathogenic avian influenza and do not yet cover all relevant cases/outbreaks of Animal Influenza in different species, as we are in a transition phase towards the production of new maps representing relevant animal influenza cases/outbreaks.

### WHAT'S NEW in this issue?

#### AFRICAN REGION

##### South Africa

- Confirmed H7N7 LPAI outbreaks in ostriches (Western Cape)

#### ASIAN REGION

##### Cambodia

- Confirmed H5N1 infection in a human (Prey Veng)

##### Indonesia

- Suspected H5N1 outbreak in poultry (West Java)

##### Nepal

- Suspected H5N1 infection in poultry (Kathmandu)

### AFRICAN REGION

#### South Africa

##### OFFICIAL

**04/07/13 – Confirmed H7N7 LPAI outbreaks in ostriches, Western Cape (World Organization for Animal Health - OIE)**

H7N7 LPAI outbreaks occurred in three commercial ostrich farms in Oudtshoorn (2) and George (1) in Western Cape Province.

- Oudtshoorn: In the first farm, the outbreak started on 28 February 2013 (395 cases, out of 2 815 ostriches); in the second farm, the outbreak started on 15 March 2013 (1674 cases, out of 3 719 ostriches);

- George: The outbreak started on 11 April 2013 (943 cases out of 3 113 ostriches).

The outbreaks were confirmed by real-time PCR on 29 June 2013. Overall apparent morbidity was 31.2% while there were no mortalities. Control measures including quarantine,

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

movement control inside the country, and screening have been implemented.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=13707](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13707)

## Egypt

### OFFICIAL

02/07/13 – Confirmed H5 HPAI outbreak in poultry in Cairo (FAO Field Officer)

Between 18 to 20 June 2013, two H5 HPAI outbreaks were detected in Cairo Governorate. The outbreaks were reported in-unvaccinated household poultry through passive surveillance.

## ASIAN REGION

### Cambodia

#### OFFICIAL

14/07/13 – Confirmed H5N1 infection in a human, Prey Veng (National authorities and WHO)

H5N1 infection was reported in a 3-year-old boy from Balang Village in Prey Veng Province on 10 July 2013. There were recent deaths among poultry in the village and the boy was likely to be exposed to sick and dead poultry. This is the 14th person this year to become infected with the H5N1 virus in Cambodia.

<http://www.wpro.who.int/mediacentre/releases/2013/20130714/en/index.html>

02/07/13 – Confirmed H5N1 infection in humans, Kampot, Kampong seu, Phnom Penh (National authorities and FAO Officer)

According to the Ministry of Health (MoH) of the Kingdom of Cambodia, three new cases of H5N1 infection were reported in humans.

A six-year-old girl from Preyleu village, Banthea Meas Commune, Banteay Meas District, Kampot Province was confirmed positive for human H5N1 avian influenza on 28 June 2013 by the Institut Pasteur du Cambodge. She developed fever and headache on 24 June. On 28 June, the girl was admitted to Kuntha Bopha Hospital with fever, dyspea and cough. In Kuntha Bopha Hospital, the girl was treated with Tamiflu but died later in the night.

A five-year-old girl from Tep Rom Village, Veal Ponn Commune, Thpong District, Kampong Speu Province tested positive with H5N1 infection on 2 May 2013. She recovered.

A 58-year-old man from Sangkat Chroy Chornng Va, Khan Roeusey Keo, Phnom Penh Province, tested positive with H5N1 infection on 21 June 2013. He recovered.

### Indonesia

#### NON-OFFICIAL

3/07/13 – Suspected H5N1 outbreak in poultry, West Java (media)

A local husbandry officer unveiled that H5N1 HPAI had caused the death of thousands of bird in two subdistricts in Subang regency in June. The head of Subang Animal Husbandry Agency said 1,400 ducks were found dead at Pandek Village, Pabuaran Subdistrict; 13 ducks and 124 chickens at Kiaragoong Village in Pabuaran Subdistrict; 75 chickens in Ciomas Village, Cipeundeuy Subdistrict. Approximately two thousand birds have died. Tests had confirmed that avian influenza virus was present in these two subdistricts.

<http://www.thejakartapost.com/news/2013/07/03/thousands-poultry-killed-bird-flu-says-authority.html>

## Nepal

### OFFICIAL

01/07/13 – Confirmed H5N1 HPAI outbreaks in poultry, Narayani and Lumbini (World Organization for Animal Health - OIE)

Three outbreaks were reported from Narayani and Lumbini Provinces.

In Narayani the outbreak began on 28 May 2013 in giriraj birds of different age groups raised in a household. Out of 25 susceptible animals there were nine cases which were all fatal. The remaining 16 birds were destroyed.

In Lumini, the first outbreak began on 2 June 2013 in backyard ducks and birds of different age groups raised in a village in a free-range system. Out of 1 000 susceptible animals there were 255 cases which were all fatal. The remaining 745 birds were destroyed.

The second outbreak in Lumini began on 7 June 2013 in 42 day old broiler birds reared in a small farm in deep litter system. Out of 1675 susceptible animals there were 410 cases which were all fatal. The remaining 1165 birds were destroyed.

The birds in these outbreaks showed respiratory distress, nervous signs and all affected animals died. Cleaning and disinfection activities in the infected premises have been completed. Intensive surveillance activities are ongoing throughout the country.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=13682](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13682)

### NON -OFFICIAL

8/07/13 – Suspected H5N1 infection in poultry, Kathmandu (Media)

With the confirmation of a strain of H5N1 virus at another poultry farm in Kathmandu, a rapid response team deployed by District Veterinary Office (DVO) - Kathmandu has culled 4,298 chickens on Sunday night [7 July 2013]. According to the DVO - Kathmandu, the disease was detected in the samples collected from Chapagain Poultry Farm, Gothatar-6, Kathmandu. Out of 5,000 chickens in the farm, around 700 had already died due to the disease. Samples of the dead chickens were taken to the Central Animal Health Laboratory after they started dying. The Chapagain Farm is located nearby a poultry farm in Gothatar-4, Kathmandu, where 1,400 chickens were culled after the disease was detected earlier on Monday [1 July 2013].

[http://www.myrepublica.com/portal/index.php?action=news\\_details&news\\_id=57505](http://www.myrepublica.com/portal/index.php?action=news_details&news_id=57505)

01 & 03/07/13 – Suspected H5N1 HPAI outbreak in poultry, Kathmandu (Media)

Three H5N1 HPAI outbreaks were reported in Kathmandu Valley.

The Central Animal Laboratory confirmed an outbreak in Gothatar-4, Kathmandu, today [01 July 2013]. The virus was found in poultry farm where 2,600 chickens have died. The remaining population was destroyed.

Other two outbreaks of H5N1 HPAI occurred in the valley near Kathmandu where over 10,000 chickens have been slaughtered in Chhauni-13, after tests at the Central Veterinary Laboratory confirmed the H5N1 virus in the farm on Wednesday [3 July 2013]. Culling is planned for the other farm.

<http://www.thehimalayantimes.com/fullNews.php?headline=Bird+flu+in+n+Valley&NewsID=382166>  
<http://202.166.193.40/the-kathmandu-post/2013/07/03/nation/bird-flu-found-in-two-valley-poultry-farms/250750.html>

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

Country/Territory	First outbreak/case	Last outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	Reported: 07/11/07 Oueme, Adjara	Reported: 15/12/07 Oueme, Avrankou	domestic poultry	
Burkina Faso	Observed: 02/03/06 Reported: 04/03/06 Centre-ouest, Sanguie	Reported: 20/05/06 Centre-ouest, Sanguie	domestic poultry	
Cameroon	Observed: 21/02/06 Reported: 12/03/06 Extreme-Nord, Diamare	Reported: 28/03/06 Nord, Benoue	domestic poultry, wild birds	
Côte d'Ivoire	Observed: 30/03/06 Reported: 25/04/06 Bas Sassandra, Sassandra	Reported: 21/05/07 N'zi Comoe, Daoukro	domestic poultry	
Djibouti	Reported: 24/04/06 Djibouti, Jibuti	Reported: 24/04/06 Djibouti, Jibuti	domestic poultry	1/0
Egypt	Observed: 17/02/06 Reported: 20/02/06 Qina	Observed: 20/06/13 Reported: 21/06/13 Cairo	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

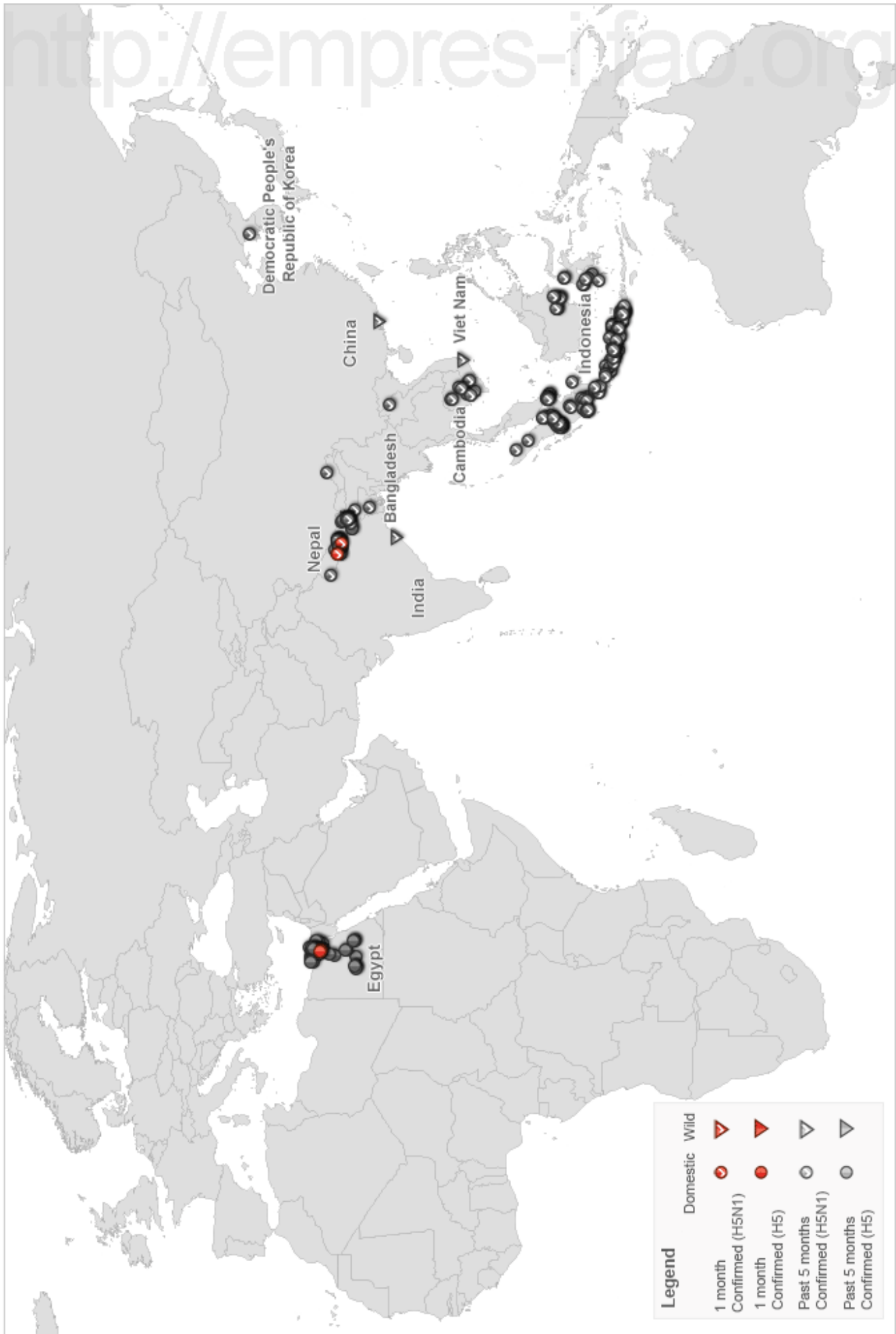
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 09/03/12 Reported: 29/04/13 Dhaka	domestic poultry	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: 23/02/13 Reported: 05/03/13 Siem Reap	domestic poultry, wild birds	35/28
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: 28/02/13 Reported: 08/03/13 Bihar	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Reported: 30/04/13 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: 20/05/13 Reported: 26/05/13 Chitwan, Narayani	domestic poultry, wild bird	
Pakistan	Reported: 27/02/06 NWFP, Charsadda	Observed: 17/06/08 Reported: 22/06/08 NWFP, Swabi	domestic poultry	3/1
Republic of Korea	Reported: 10/12/03 Chungchongbuk-do	Observed: 16/05/11 Reported: 18/05/11 Gyeonggi-do	domestic poultry, wild birds	
Saudi Arabia	Observed: 10/11/05 Reported: 11/11/05 Eastern Province	Reported: 29/01/08 Riyad	domestic poultry, wild birds	
Thailand	Reported: 23/01/04 Suphanburi, Song Phi Nong	Observed: 10/11/08 Reported: 17/11/08 Uthai Thani, Nong Chang	domestic poultry	25/17
Viet Nam	Observed: 27/12/03 Reported: 09/01/04 Long An	Reported: 06/04/13 Ninh Thuan	domestic poultry, wild birds	125/62
West Bank and Gaza Strip	Reported: 22/03/06 Tubas (Gaza Strip)	Observed: 06/04/11 Reported: 11/04/11 Jericho (West Bank)	domestic poultry, wild bird	

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

Country /Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Albania	Observed: 16/02/06 Reported: 07/03/06 Sarande, Aliko	Observed: 09/03/06 Reported: 24/03/06 Tirane, Peze	domestic poultry	
Austria	Observed: 10/02/06 Reported: 23/02/06 Steiermark, Graz	Observed: 22/03/06 Reported: 27/03/06 Oberosterreich, Perg	wild birds	
Azerbaijan	Observed: 02/02/06 Reported: 03/02/06 Baku	Observed: 18/03/06 Reported: 23/03/06 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: 23/02/06 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

18 January - 18 July 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.