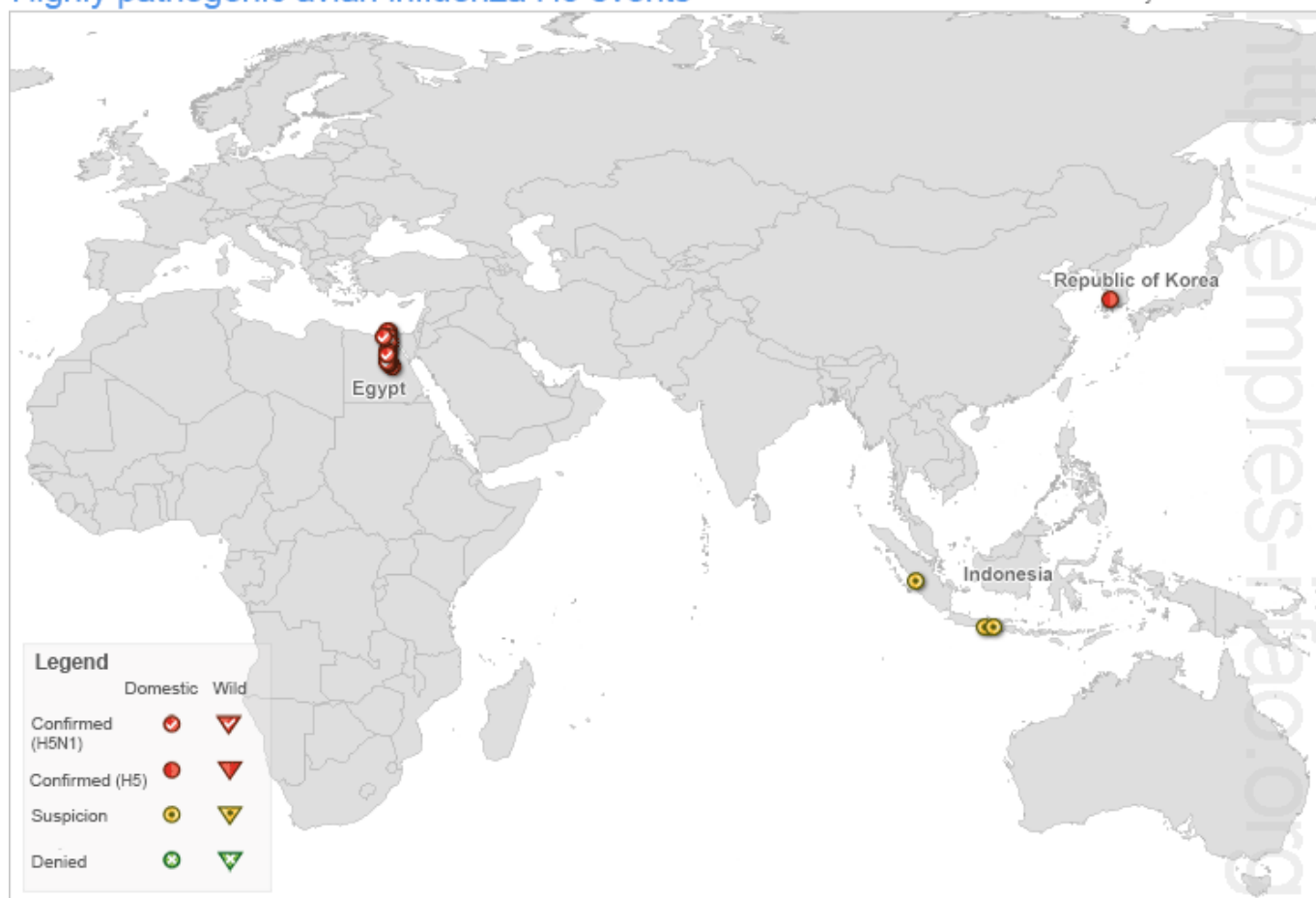


## Highly pathogenic avian influenza H5 events

02 May - 05 June 2014



**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 are not included in this map.

**Source:** FAO's Global Animal Health Information System <http://empres-i.fao.org/empres-i/home>

The current map still displays only cases of H5 highly pathogenic avian influenza. We are in a transition phase towards the production of new maps representing all relevant animal influenza cases/outbreaks.

## WHAT'S NEW in this issue?

AFRICAN REGION**Egypt (endemic for H5N1)**

- Confirmed H5N1 HPAI outbreaks in poultry (Asyut, Behera, Beni Suef, Fayoum, Menia and Giza)

ASIAN REGION**China**

- Confirmed H7N9 LPAI infection in poultry (Jiangsu)
- Confirmed H7N9 infection in humans (Anhui, Shandong)

**Indonesia**

- Confirmed H5N1 infection in a human (Central Java)
- Suspected H5N1 HPAI outbreak in poultry (Jambi)
- Suspected H5N1 HPAI outbreak in poultry (East Java)

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

## AFRICAN REGION

**Egypt****OFFICIAL**

**28/05/2014 and 03/06/2014 – Confirmed H5N1 HPAI outbreaks in poultry, Asyut, Behera, Beni Suef, Fayoum, Menia and Giza (FAO Field Officer)**

Between 14 and 26 May 2014, six outbreaks of H5N1 HPAI were detected in poultry in Asyut, Behera, Beni Suef, Fayoum, Menia and Giza Governorates. The outbreaks occurred in unvaccinated poultry in households (4) and live bird markets (2) and were detected through active surveillance and the Community Based Animal Health Outreach (CAHO).

## ASIAN REGION

**China****OFFICIAL**

**05/06/2014 – Confirmed H7N9 LPAI infection in poultry, Jiangsu (National Authorities)**

During the third out of the three reporting periods of May 2014, a total of 63 260 samples (47 576 serum samples + 15 684 pathological samples) were collected from 2 582 locations

in 20 provinces under the National animal H7N9 avian influenza monitoring program.

A total of 9 pathology samples from 2 live bird markets in Jiangsu Province tested positive:

- Five chicken swab and 3 duck swab samples from Luoyang farmers market (Wujin District, Changzhou City) out of 93 samples (40 chicken, 27 duck, 9 goose, 20 pigeon swab samples);

1 chicken swab sample from Luhe market (Hongze County) out of 60 chicken and 40 goose swab samples.

[http://www.moa.gov.cn/sjzz/syj/dwyqdt/201406/t20140604\\_3926693.htm](http://www.moa.gov.cn/sjzz/syj/dwyqdt/201406/t20140604_3926693.htm)

#### 22/05–05/06/2014 – Confirmed H7N9 infection in humans, Anhui and Shandong (National authorities and WHO)

A total of 7 human cases were reported during the past week (from 15 May 2014 12:00 GMT to 05 June 2014 12:00 GMT): Anhui 2 (Huangshan 1, Ma'anshan 1), Shandong 2 (Yantai 2).

<http://www.ahwst.gov.cn/chn200909261718343/>

<http://www.gov.cn/xinwen>

<http://www.who.int/csr/don/en/>

08/05–22/05/2014 – Confirmed H7N9 infection in humans, Anhui, Guangdong, Jiangsu, Jilin (National authorities and WHO)

A total of 7 human cases were reported during the past week (from 8 May 2014 12:00 GMT to 22 May 2014 12:00 GMT): Guangdong 4 (Zhongshan 2, Meizhou 2), Anhui (Anqing 1), Jiangsu (Wuxi 1), Jilin (Yanji 1).

[www.gdwst.gov.cn](http://www.gdwst.gov.cn)

[www.ahwst.gov.cn](http://www.ahwst.gov.cn)

[www.jswst.gov.cn](http://www.jswst.gov.cn)

<http://wsjsw.jl.gov.cn>

## Indonesia

### OFFICIAL

#### 05/05/2014 – Confirmed H5N1 infection in a human, Central Java (WHO)

One new laboratory-confirmed human cases of influenza A(H5N1) virus infection was reported to WHO from Indonesia in a 2-y-old boy from Central Java. In the weeks before disease onset of the child some backyard chickens died around the house. Although this is the first human case of H5N1 reported in 2014 from Indonesia, it is not unexpected as influenza A(H5N1) virus is known to be still circulating in poultry.

[http://www.who.int/influenza/human\\_animal\\_interface/Influenza\\_Summary\\_IRA\\_HA\\_interface\\_5May14.pdf](http://www.who.int/influenza/human_animal_interface/Influenza_Summary_IRA_HA_interface_5May14.pdf)

### NON-OFFICIAL

#### 30/05/2014 – Suspected H5N1 HPAI outbreak in poultry, Jambi (media)

Dozens of domestic ducks are reported to be dead after a suspected outbreak of H5N1 has occurred in Kerinci Regency in the Jambi providence. According to the Head of the Animal Health Department of Animal Husbandry and Fisheries claims the outbreak started one month prior [April 2014]. Reportedly, the samples were field test positive for H5N1, and have been sent to the laboratory in Bukit Tinggi for confirmation. The report describes neurologic symptoms.

<http://www.jambiexpres.co.id/berita-16676-puluhan-itik-terserang-flu-burung-.html>

#### 02/06/2014 – Suspected H5N1 HPAI outbreak in poultry, East Java (media)

Approximately 50 chickens in the hamlet Ngijo, Lembah Village, Babadan SubDistrict, Ponorogo Regency died suddenly. It began about 10 days ago, 23 chickens died with signs of head and other body parts turn blue. A week later, a fighting cock also died. A total of 50 chickens belonging a

same villager dead. Then on Monday (2 June), three chickens in the same village were also found dead with no symptoms of illness but with the body turned blue. Sudden deaths of bird also occurred around hamlet Ngijo. After the death of dozens of chickens was finally reported to the Department of Livestock and Fisheries Local Agriculture, two officers were immediately sent to find the cause of death of these chickens. Rapid test gave two fluid samples from the three chickens that died suddenly positive for avian influenza.

<http://www.siaga.co/news/2014/06/02/puluhan-ekor-ayam-mati-di-duga-flu-burung/>

| 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<br>Oueme, Adjara                                     | Reported: 15/12/07<br>Oueme, Avrankou                                    | domestic poultry             |                            |
| Burkina Faso   | Observed: 02/03/06<br>Reported: 04/03/06<br>Centre-ouest, Sanguie       | Reported: 20/05/06<br>Centre-ouest, Sanguie                              | domestic poultry             |                            |
| Cameroon   | Observed: 21/02/06<br>Reported: 12/03/06<br>Extreme-Nord, Diamare       | Reported: 28/03/06<br>Nord, Benoue                                       | domestic poultry, wild birds |                            |
| Côte d'Ivoire  | Observed: 30/03/06<br>Reported: 25/04/06<br>Basassandra, Sassandra      | Reported: 21/05/07<br>N'zi Comoe, Daoukro                                | domestic poultry             |                            |
| Djibouti   | Reported: 24/04/06<br>Djibouti, Jibuti                                  | Reported: 24/04/06<br>Djibouti, Jibuti                                   | domestic poultry             | 1/0                        |
| Egypt  | Observed: 17/02/06<br>Reported: 20/02/06<br>Qena                        | Observed: 26/05/14<br>Reported: 03/06/14<br>Behera                       | domestic poultry             | 175/63                     |
| Ghana  | Reported: 21/04/07<br>Greater-Accra Region, Tema                        | Reported: 13/06/07<br>Volta, Ketu  | domestic poultry             |                            |
| Libya  | Observed: 04/03/14<br>Reported: 12/03/14<br>Tubruq                      |  | domestic poultry             |                            |
| Niger  | Observed: 06/02/06<br>Reported: 27/02/06<br>Zinder, Magaria             | Observed: 02/05/06<br>Reported: 24/05/06<br>Maradi, Madarounfa           | domestic poultry             |                            |
| Nigeria  | Observed: 16/01/06<br>Reported: 05/02/06<br>Kaduna, Igabi               | Observed: 22/07/08<br>Reported: 25/07/08<br>Kano and Katsina             | domestic poultry             | 1/1                        |
| Sudan  | Observed: 25/03/06<br>Reported: 18/04/06<br>Al Jazeera East, Al Jazeera | Observed: 29/08/06<br>Reported: 31/08/06<br>Bahr Al Jabal, Bahr Al Jabal | domestic poultry             |                            |
| Togo   | Observed: 15/06/07<br>Reported: 22/06/07<br>Maritime, Lacs              | Observed: 16/09/08<br>Reported: 18/09/08<br>Maritime, Lacs               | domestic poultry             |                            |

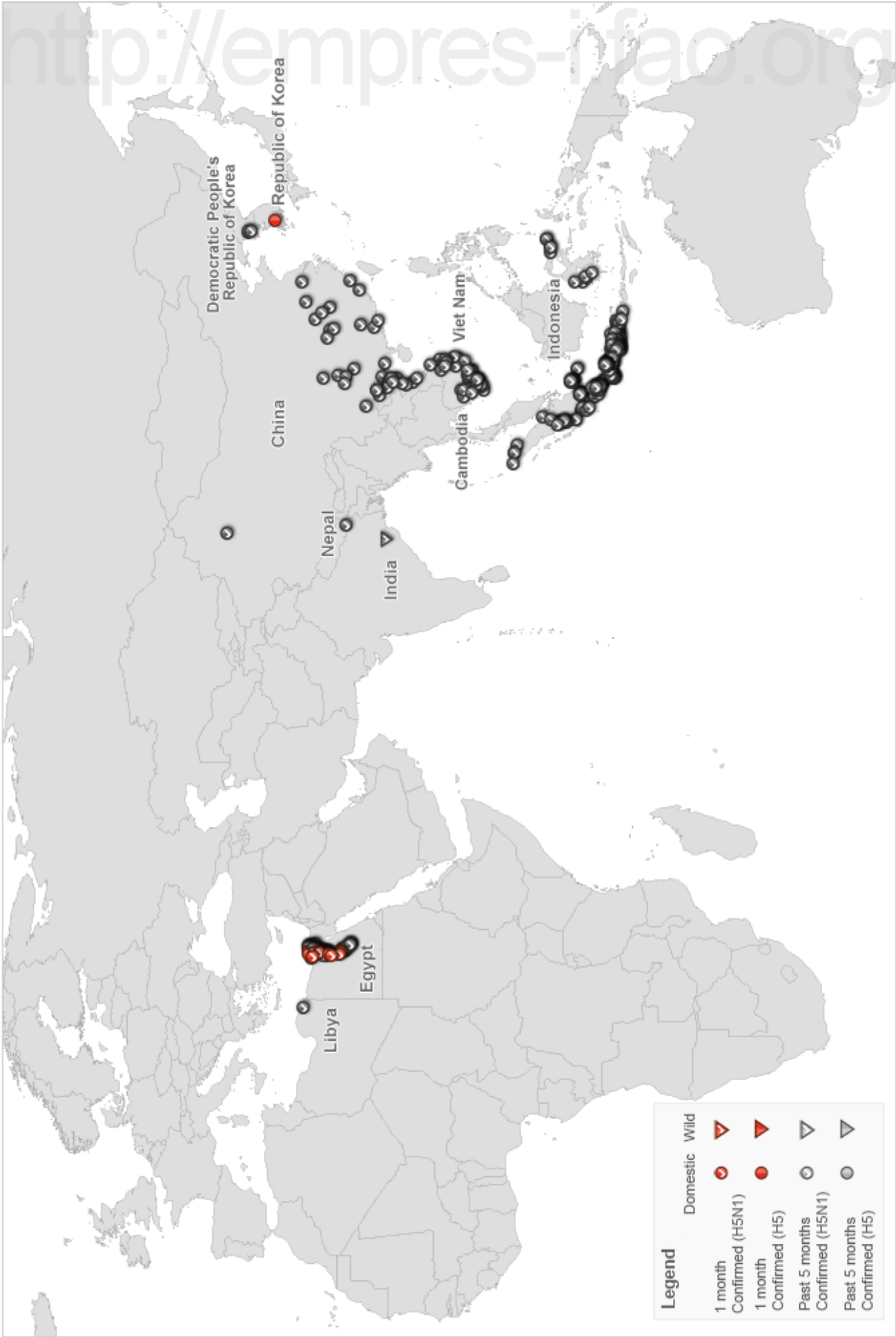
## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE ASIAN REGION

| Country/Territory                     | First outbreak/case   | Latest outbreak/case  | Affected populations                    | Human cases (cases/deaths) |
|---------------------------------------|---|---|---|----------------------------|
| Afghanistan                           | Observed: 02/03/06<br>Reported: 24/03/06<br>Nangarhar, Jalalabad      | Reported: 12/09/07<br>Kandahar, Daman                                       | domestic poultry                        |                            |
| Bangladesh                            | Reported: 22/02/07<br>Dhaka   | Observed: 09/03/12<br>Reported: 29/04/13<br>Dhaka                           | domestic poultry                        | 7/1                        |
| Bhutan                                | Observed: 18/02/10<br>Reported: 23/02/10<br>Chhukha                   | Observed: 9/12/12<br>Reported: 11/01/13<br>Dagana                           | domestic poultry                        |                            |
| Cambodia                              | Reported: 12/01/04<br>Phnom Penh, Tuol Kouk                           | Observed: 17/03/14<br>Reported: 17/03/14<br>Kampot                          | domestic poultry, wild birds            | 56/37                      |
| China                                 | Observed: 20/01/04<br>Reported: 26/01/04<br>Guangxi Zhuangzu Zizhiqu  | Observed: 02/03/14<br>Reported: 07/03/14<br>Yunnan                          | wild birds, domestic poultry            | 46/30                      |
| Hong Kong SAR, China                  | Observed: 19/01/04<br>Reported: 26/01/04<br>Kowloon                   | Observed: 25/01/13<br>Reported: 29/01/13<br>Tuen Mun                        | wild birds                              |                            |
| Democratic People's Republic of Korea | Observed: 19/04/13<br>Reported: 09/05/13<br>Pyongyang                 | Observed: 21/03/14<br>Reported: 16/04/14<br>Pyongyang                       | domestic poultry                        |                            |
| India                                 | Observed: 27/01/06<br>Reported: 20/02/06<br>Nandurbar, Maharashtra    | Observed: 31/01/14<br>Reported: 21/02/14<br>Orissa                          | domestic poultry, wild birds            |                            |
| Indonesia                             | Reported: 02/02/04<br>Jawa Barat, Lebak                               | Observed: 19/09/13<br>Reported: 30/10/13<br>Riau                            | domestic poultry                        | 196/163                    |
| Iran (Islamic Republic of)            | Observed: 02/02/06<br>Reported: 07/02/06<br>Gilan, Someehsara         | Observed: 13/09/11<br>Reported: 13/10/11<br>Mazandaran                      | wild birds, domestic poultry            |                            |
| Iraq                                  | Observed: 18/01/06<br>Reported: 02/02/06<br>As Sulaymaniyah, Rania    | Observed: 01/02/06<br>Reported: 10/02/06<br>Missan, Amara                   | domestic poultry, domestic mammal       | 3/2                        |
| Israel                                | Observed: 16/03/06<br>Reported: 04/04/06<br>Jerusalem                 | Observed: 13/03/11<br>Reported: 15/03/11<br>HaDarom                         | domestic mammal, domestic poultry       |                            |
| Japan                                 | Reported: 28/12/03<br>Yamaguti, Atootyoo                              | Observed: 16/03/11<br>Reported: 17/03/11<br>Chiba Prefecture                | domestic poultry, wild birds            |                            |
| Jordan                                | Reported: 23/03/06<br>Ajloun, Ajloun                                  | Reported: 23/03/06<br>Ajloun, Ajloun  | domestic poultry                        |                            |
| Kazakhstan                            | Observed: 22/07/05<br>Reported: 02/08/05<br>Pavlodarskaya, Irtishskiy | Observed: 10/03/06<br>Reported: 21/03/06<br>Mangistauskaya, Aqtau City area | domestic poultry, wild birds            |                            |
| Kuwait                                | Reported: 25/02/07<br>Al Farnawiyah                                   | Reported: 23/04/07<br>Al Ahmadi   | wild birds, domestic poultry, zoo birds |                            |
| Lao People's Democratic Republic      | Observed: 15/01/04<br>Reported: 27/01/04<br>Sayabouri, Boten          | Observed: 13/03/14<br>Reported: 31/03/14<br>Xayaboury                       | domestic poultry                        | 2/2                        |
| Malaysia                              | Observed: 07/08/04<br>Reported: 17/08/04<br>Tumpat, Kelantan          | Reported: 02/06/07<br>Selangor Kuala, Selangor                              | domestic poultry                        |                            |
| Mongolia                              | Observed: 02/08/05<br>Reported: 08/08/05<br>Hovsgol, Alag-Erdene      | Observed: 05/04/11<br>Reported: 19/04/11<br>Sukhbaatar                      | wild birds                              |                            |
| Myanmar                               | Observed: 08/03/06<br>Reported: 13/03/06<br>Mandalay, Meikthila       | Observed: 05/03/12<br>Reported: 16/03/12<br>Bago                            | domestic poultry                        | 1/0                        |
| Nepal                                 | Observed: 08/01/09<br>Reported: 16/01/09<br>Jhapa, Mechi              | Observed: 13/02/14<br>Reported: 26/02/14<br>Koshi                           | domestic poultry, wild bird             |                            |
| Pakistan                              | Reported: 27/02/06<br>NWFP, Charsadda                                 | Observed: 17/06/08<br>Reported: 22/06/08<br>NWFP, Swabi                     | domestic poultry                        | 3/1                        |
| Republic of Korea                     | Reported: 10/12/03<br>Chungchongbuk-do                                | Observed: 16/05/11<br>Reported: 18/05/11<br>Gyeonggi-do                     | domestic poultry, wild birds            |                            |
| Saudi Arabia                          | Observed: 10/11/05<br>Reported: 11/11/05<br>Eastern Province          | Reported: 29/01/08<br>Riyad   | domestic poultry, wild birds            |                            |
| Thailand                              | Reported: 23/01/04<br>Suphanburi, Song Phi Nong                       | Observed: 10/11/08<br>Reported: 17/11/08<br>Uthai Thani, Nong Chang         | domestic poultry                        | 25/17                      |
| Viet Nam                              | Observed: 27/12/03<br>Reported: 09/01/04<br>Long An                   | Observed: 24/03/14<br>Reported: 25/03/14<br>Ben Tre                         | domestic poultry, wild birds            | 127/64                     |
| West Bank and Gaza Strip              | Reported: 22/03/06<br>Tubas (Gaza Strip)                              | Observed: 06/04/11<br>Reported: 11/04/11<br>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<br>Reported: 07/03/06<br>Sarande, Aliko              | Observed:09/03/06<br>Reported: 24/03/06<br>Tirane, Peze                       | domestic poultry                  |                            |
| Austria   | Observed:10/02/06<br>Reported: 23/02/06<br>Steiermark, Graz             | Observed: 22/03/06<br>Reported: 27/03/06<br>Oberosterreich, Perg              | wild birds                        |                            |
| Azerbaijan  | Observed: 02/02/06<br>Reported: 03/02/06<br>Baku                        | Observed: 18/03/06<br>Reported: 23/03/06<br>Tauf                              | wild birds, domestic poultry      | 8/5                        |
| Bosnia and Herzegovina  | Observed: 16/02/06<br>Reported: 20/02/06<br>Srednjobosan ski            | Observed:16/02/06<br>Reported: 20/02/06<br>Srednjobosan ski                   | wild birds                        |                            |
| Bulgaria  | Observed: 31/01/06<br>Reported: 04/02/06<br>Vidin, Vidin                | Observed: 29/03/10<br>Reported: 01/04/10<br>Varn, Varna                       | wild birds, domestic poultry      |                            |
| Croatia   | Observed: 21/10/05<br>Reported: 22/10/05<br>Virovitica-p odravina       | Observed: 24/03/06<br>Reported: 12/04/06<br>Grad, Zagreb                      | wild birds                        |                            |
| Czech Republic  | Observed: 25/03/06<br>Reported: 29/03/06<br>Jihocesky, Ceske Budejovice | Reported: 11/07/07<br>Vychodocesky, Usti nad Orlici                           | wild bird, domestic poultry       |                            |
| Denmark   | Observed:22/03/06<br>Reported: 24/04/06<br>Fyn, Aeroeskoebing           | Reported: 18/05/06<br>Fyn, Kerteminde   | wild birds, domestic poultry      |                            |
| France  | Observed:17/02/06<br>Reported: 20/02/06<br>Rhone Alpes, Ain             | Reported: 09/08/07<br>Lorraine, Moselle                                       | wild birds                        |                            |
| Georgia   | Observed: 23/02/06<br>Reported: 27/03/06<br>Ajaria                      | Observed: 23/02/06<br>Reported: 27/03/06<br>Ajaria                            | wild birds                        |                            |
| Germany   | Reported: 06/07/07<br>Bayern, Mittelfranken                             | Observed: 10/01/09<br>Reported: 10/03/09<br>Bavaria                           | wild birds, domestic poultry      |                            |
| Greece  | Reported: 30/01/06<br>Kentriki Makedonia, Pierias                       | Observed: 04/03/06<br>Reported: 27/03/06<br>Kentriki Makedonia, Thessalonikis | wild birds                        |                            |
| Hungary   | Reported: 04/02/06<br>Bacs-kiskun                                       | Reported: 29/01/07<br>Csongrad  | wild birds                        |                            |
| Italy   | Observed: 01/02/06<br>Reported: 11/02/06<br>Calabria Vibo, Valentia     | Reported: 19/02/06<br>Umbria, Perugia   | wild birds                        |                            |
| Poland  | Reported: 15/02/06<br>Pomorskie, Nowy Dwor Gdanski                      | Reported: 22/12/07<br>Lodzkie, Poddebice                                      | wild birds, domestic poultry      |                            |
| Romania   | Reported: 07/10/05<br>Tulcea  | Observed: 27/03/10<br>Reported: 30/03/10<br>Tulcea                            | wild birds, domestic poultry, cat |                            |
| Russian Federation  | Observed:15/07/05<br>Reported: 22/07/05<br>Novosibirsk ya Oblast        | Observed:05/06/10<br>Reported: 25/06/10<br>Ubsu-Nur, Republic of Tuva         | domestic poultry, wild birds      |                            |
| Serbia  | Reported: 28/02/06<br>Zapadno-backi                                     | Reported: 15/03/2006<br>Zlatiborski   | wild birds, domestic poultry      |                            |
| Slovakia  | Reported: 17/02/06<br>Slovakia, Bratislava                              | Reported: 18/02/06<br>Slovakia, Trnava  | wild birds                        |                            |
| Slovenia  | Observed:09/02/06<br>Reported: 14/02/06<br>Podravska, Maribor           | Observed:25/03/06<br>Reported: 30/03/06<br>Podravska, Maribor                 | wild birds                        |                            |
| Spain   | Reported: 07/07/06<br>Pais Vasco, Alava                                 | Reported: 07/07/06<br>Pais Vasco, Alava                                       | wild birds                        |                            |
| Sweden  | Reported: 28/02/06<br>Kalmar Laen, Oskarshamn                           | Observed:26/04/06<br>Reported: 27/04/06<br>Stockholms Laen, Haninge           | wild birds                        |                            |
| Switzerland   | Reported: 26/02/06<br>Geneve  | Observed: 22/03/06<br>Reported: 28/03/06<br>Luzern                            | wild birds                        |                            |
| Turkey  | Observed: 05/10/05<br>Reported: 09/10/05<br>Balikesir, Manyas           | Observed: 09/03/08<br>Reported: 18/03/08<br>Edirne, Merkez                    | domestic poultry, wild birds      | 12/4                       |
| Ukraine   | Reported: 02/12/05<br>Krym  | Observed: 11/02/08<br>Reported: 13/02/08<br>Krym                              | wild birds, domestic poultry      |                            |
| United Kingdom  | Observed: 05/04/06<br>Reported: 06/04/06<br>Scotland, Central           | Reported: 29/02/08<br>England, Dorsetshire                                    | wild birds, domestic poultry      |                            |

Highly pathogenic avian influenza H5 events

05 December 2013 - 05 June 2014





## CONTACTS

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 GLEWS team at [GLEWS@fao.org](mailto:GLEWS@fao.org)

## DISCLAIMER

**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.