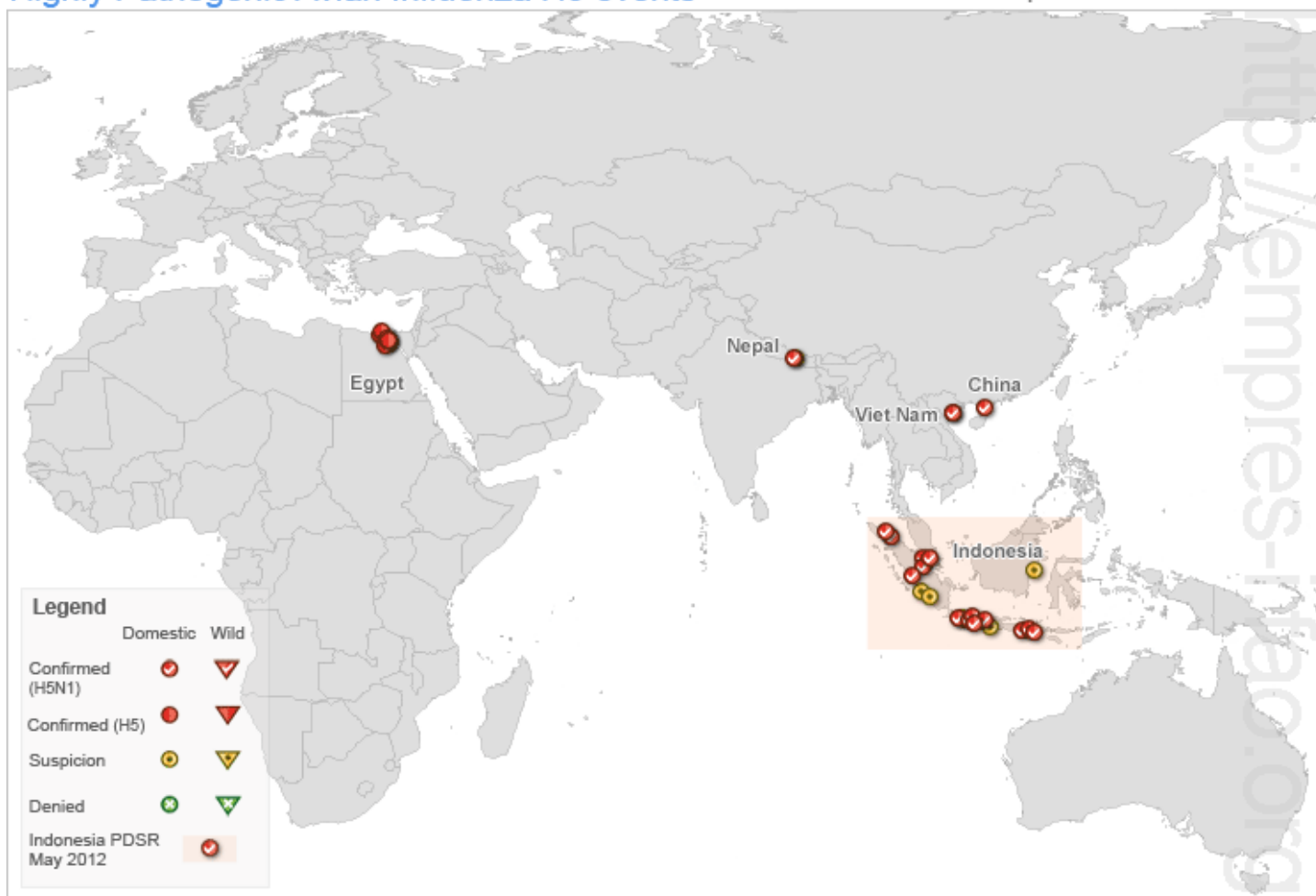


## Highly Pathogenic Avian Influenza H5 events

18 September - 18 October 2012



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

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

## WHAT'S NEW in this issue?

AFRICAN REGION**Egypt**

- Confirmed H5 HPAI outbreaks in poultry (Menofia and Giza)

ASIAN REGION**Nepal**

- Confirmed H5N1 HPAI outbreaks in poultry (Bagmati)
- Suspected H5N1 HPAI outbreaks in poultry (Bagmati)

**Indonesia**

- Suspected H5N1 HPAI outbreaks in poultry (West Java)
- Suspected H5N1 HPAI outbreaks in poultry (Southwest Sumatra)

**AFRICAN REGION****Egypt****OFFICIAL**

**16/10/12 – Confirmed H5 HPAI outbreaks in poultry, Menofia, and Giza (FAO Field Officer)**

Between 4 and 9 October 2012 H5 HPAI was detected through active surveillance in unvaccinated birds in two live bird markets in the Governorates of Menofia (in geese) and Giza (in ducks) .

**09/10/12 – Confirmed H5 HPAI outbreaks in poultry, Behera, Fayoum and Giza (FAO Field Officer)**

Between 25 September 2012 and 2 October 2012 a total of three H5 HPAI outbreaks occurred in unvaccinated birds in Behera, Fayoum and Giza Governorates. The outbreak in Behera Governorate was detected in households (chickens) through active surveillance; the outbreak in Giza Governorate was detected in a live bird market (ducks) through targeted surveillance. The outbreak in Fayoum Governorate was detected in households (chickens and ducks, through passive surveillance).

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

**NON-OFFICIAL**

09/10/12 – Suspected H5N1 HPAI outbreak in poultry, Monufia (Media)

Samples taken from a public market in Ashmun District, Monufia Governorate, tested positive for HPAI by the national laboratory.

[http://www.akhbarelyom.org.eg/news76380\\_33.aspx](http://www.akhbarelyom.org.eg/news76380_33.aspx)

**South Africa****OFFICIAL**

09/10/12 – Confirmed H5N2 HPAI outbreak in ostriches, Western Cape Province (OIE – World Organization for Animal Health)

An outbreak of H5N2 HPAI was reported in a commercial ostrich farm in Hessequa, Western Cape Province. The outbreak started on 11 June 2012; a total of 1 286 ostriches were affected out of a susceptible population of 1 930. Initially no clinical signs or mortalities were seen.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=12151](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12151)

**ASIAN REGION****Nepal****OFFICIAL**

14/10/12 – Confirmed H5N1 HPAI outbreak in poultry, Bagmati (OIE – World Organisation for Animal Health)

An outbreak of H5N1 HPAI was reported in Sanepa-2, Sanchal, Lalitpur, Bagmati Zone [periphery of Kathmandu City] in a commercial layer farm rearing a dual-purpose breed of different age groups. The outbreak started on 27 August 2012. Of the total susceptible population of 2 500 poultry, all of them have died. Samples tested positive by PCR at the national laboratory on 3 September. Control measures have been completed; Follow-up surveillance activities are being intensively carried out throughout the country.

[http://www.oie.int/wahis\\_2/public/wahid.php/Reviewreport/Review?page\\_refer=MapFullEventReport&reportid=12441](http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12441)

**NON-OFFICIAL**

15/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Bagmati (Media)

Authorities have confirmed an outbreak of H5N1 HPAI at a poultry farm in Bode-3 in Bhaktapur, Bhaktapur District, Bagmati Zone. Around 1 400 chickens have died out of 2 200 [susceptible] chickens in the farm. The health officials from the Animal Health Directorate have been culling the remaining birds after a meeting this morning. The samples of the dead chickens were sent to the laboratory for testing five days ago. [Bhaktapur is a town located approximately 17 km from Sanchal where the abovementioned outbreak occurred.]

[http://myrepublica.com/portal/index.php?action=news\\_details&news\\_id=43602](http://myrepublica.com/portal/index.php?action=news_details&news_id=43602)

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

17/10/12 – Suspected H5N1 HPAI outbreaks in poultry, West Java (Media)

Chickens owned by residents from Cipagalo Village, Ciganitri RW 04, Bojongsoang District, Bandung Regency, West Java Province tested positive for H5N1 HPAI.

<http://www.klik-galamedia.com/unggas-di-ciganitri-dipastikan-positif-flu-burung>

8/10/12 – Suspected H5N1 HPAI outbreaks in poultry, Southwest Sumatra (Media)

Chickens owned by residents of Bentiring Village, Muara District, Bangkahulu, Bengkulu City, Bengkulu Province died suddenly since 5 October 2012, and the Rapid Test by the

Department of Agriculture and Livestock of Bengkulu showed a positive result for avian influenza.

[http://nusantara.pelitaonline.com/news/2012/10/08/puluhan-ayam-di-bengkulu-terjangkit-plu-burung#.UH\\_MJ5GT8g9](http://nusantara.pelitaonline.com/news/2012/10/08/puluhan-ayam-di-bengkulu-terjangkit-plu-burung#.UH_MJ5GT8g9)

10/10/12 – Suspected H5N1 HPAI outbreaks in poultry, West Java (Media)

A media article states that one chicken, which died in Cipagalo Village, Bojongsoang District, Bandung Province, tested positive for H5N1 HPAI. Fifty chickens died in the last two weeks (since the end of September 2012) in the same area.

[http://www.tribunnews.com/2012/10/10/ayam-ibu-oneng-positif-flu-burung?utm\\_source=tribunnews.com&utm\\_medium=tribunnews&utm\\_campaign=%23tribunnews](http://www.tribunnews.com/2012/10/10/ayam-ibu-oneng-positif-flu-burung?utm_source=tribunnews.com&utm_medium=tribunnews&utm_campaign=%23tribunnews)

09/10/12 – Suspected H5N1 HPAI outbreak in poultry, West Java (Media)

Chickens in the Cipagalo Village, Bandung Regency, tested positive for the H5N1 virus; it is suspected to be the cause of the death of one resident of the area.

<http://jabar.tribunnews.com/2012/10/09/satu-ekor-ayam-positif-flu-burung>

09/10/12 – Suspected H5N1 HPAI outbreak in poultry, East Java (Media)

More than 60 chickens in the Nawangan District, Pacitan Regency, died suddenly last week (the first week in October 2012), regardless of age, with clinical signs similar to HPAI, such as discoloration of the crest.

<http://www.satelit9.com/2012/10/puluhan-ayam-di-pacitan-mati-mendadak.html>

23/09/12 – Suspected H5N1 HPAI outbreak in poultry, East Kalimantan (Media)

Sudden deaths of Laughing chickens (*Gallus Gallus varius*) in the Sei Keledang area, Jalan Bung Tomo, Samarinda, East Kalimantan Province, which were reported to the Livestock Service, tested positive for avian influenza by the rapid test in the latter part of September 2012.

<http://kaltim.tribunnews.com/2012/09/23/disnaker-samarinda-temukan-ayam-ketawa-positif-flu-burung>

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

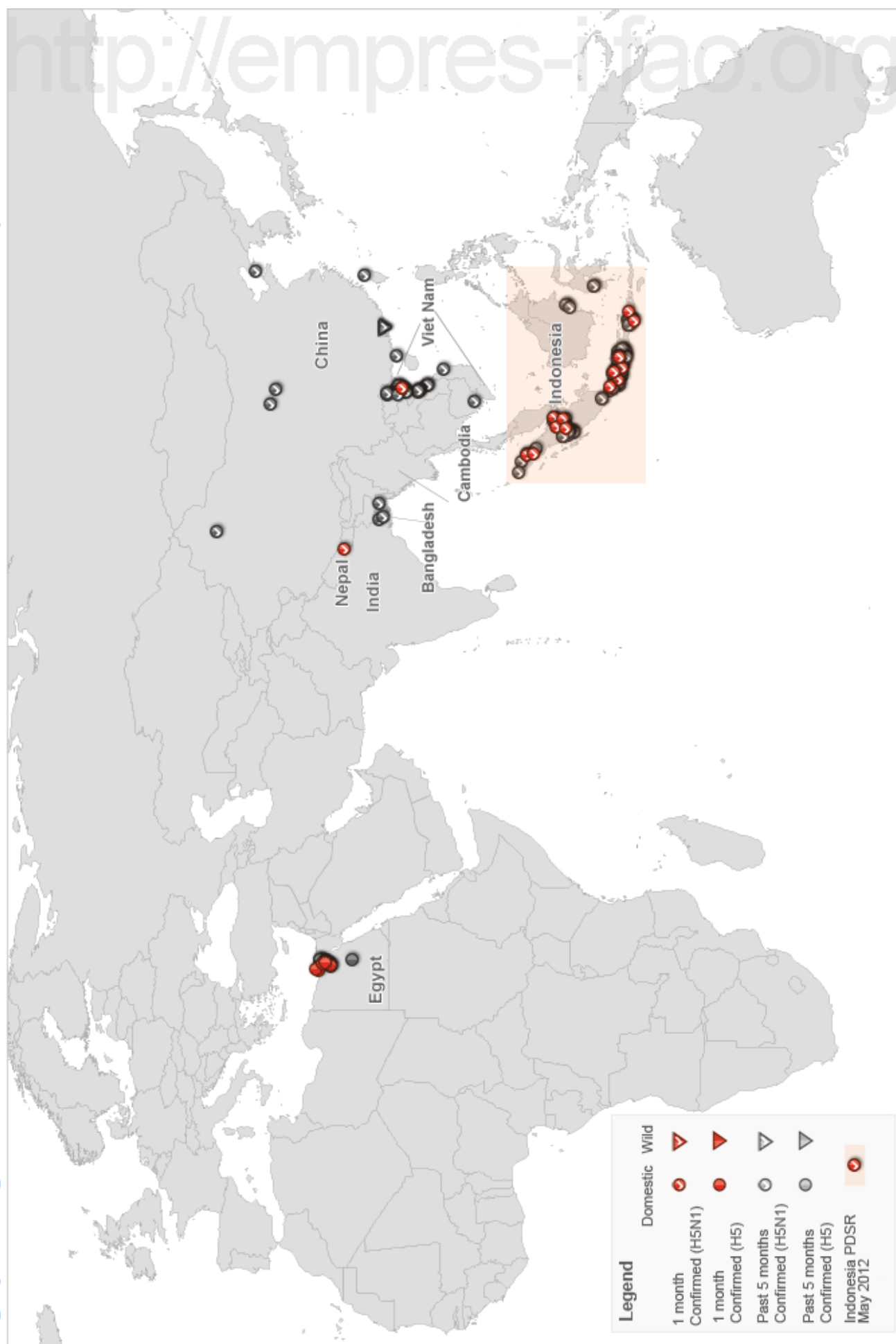
Country/Territory	First outbreak/case	Last outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	Reported: 07/11/07 Oueme, Adjara	Reported: 15/12/07 Oueme, Avrankou	domestic poultry	
Burkina Faso	Observed: 02/03/06 Reported: 04/03/06 Centre-ouest, Sanguie	Reported: 20/05/06 Centre-ouest, 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: 09/10/2012 Reported: 10/10/2012 Giza	domestic poultry	168/60
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: 04/04/12 Reported: 05/04/12 Dhaka	domestic poultry	6/0
Bhutan	Observed: 18/02/10 Reported: 23/02/10 Chhukha	Observed: 27/03/12 Reported: 20/04/12 Mongar	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: 18/04/12 Reported: 07/05/12 Tripura	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 28/07/12 Reported: 28/07/12 Aceh	domestic poultry	191/159
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: 13/03/2011 Reported: 15/03/2011 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 Sayaboury, 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: 27/08/12 Reported: 14/10/12 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: 16/05/2011 Reported: 18/05/2011 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: 17/09/12 Reported: 25/09/12 Thai Binh	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 Varna, 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: 23/02/2006 Reported: 27/03/2006 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	





## CONTACTS

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)

## DISCLAIMER

**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.