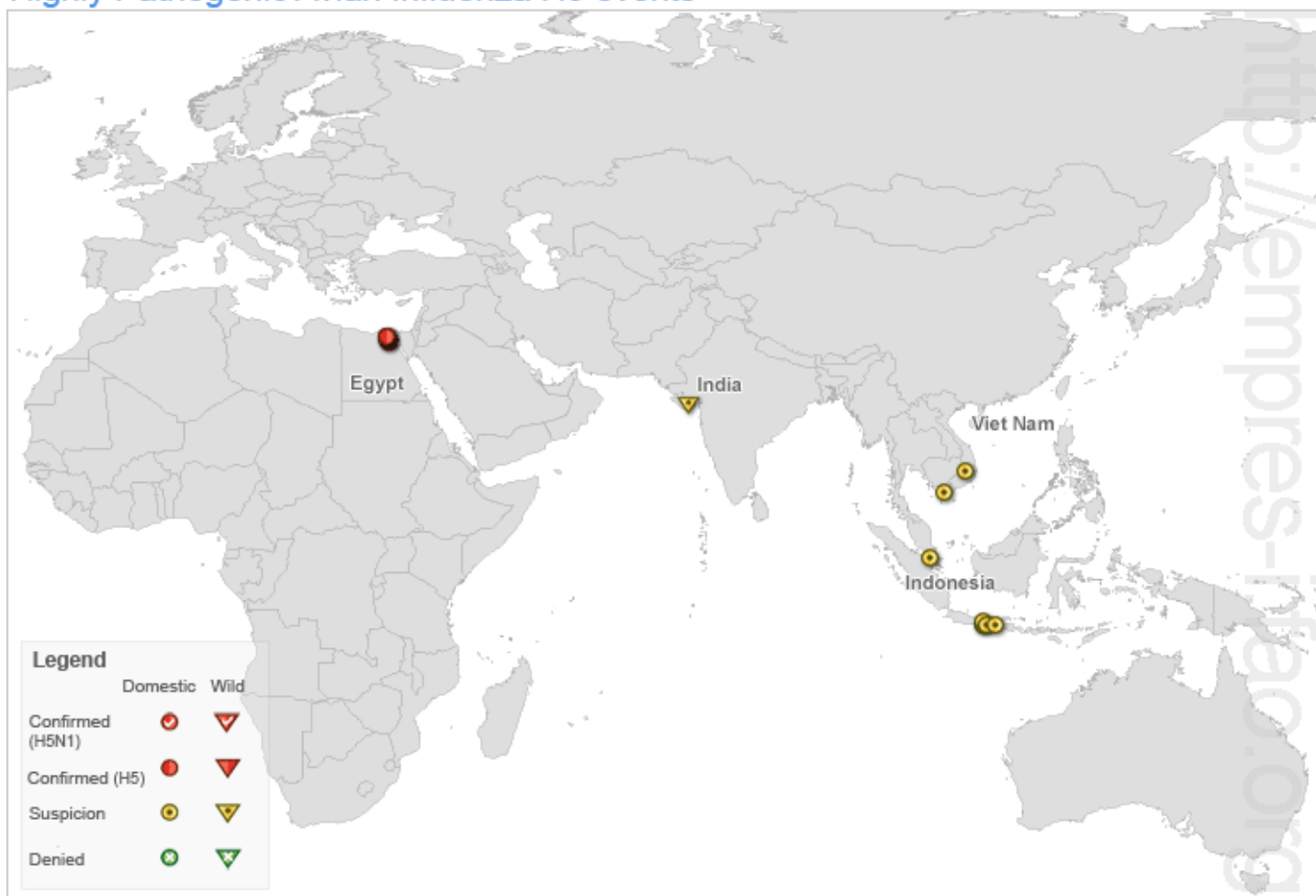


Highly Pathogenic Avian Influenza H5 events

13 November - 13 December 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 H5N1 HPAI outbreak in poultry (Menofia)
- Confirmed H5N1 infection in a human (Damietta)

ASIAN REGION**China**

- Confirmed H5N2 HPAI outbreak in poultry (Province of Taiwan)

Indonesia

- A strain of H5N1 HPAI, new to Indonesia, identified (Java)
- Suspected H5N1 HPAI outbreaks in poultry (East Java, Riau)

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

12/12/12 – Confirmed H5 HPAI outbreak in poultry, Menofia (FAO Field Officer)

Between 5 and 12 December 2012, one H5 HPAI outbreak was detected in a household in Om Kinan, Quesna District, Menofia Governorate. The outbreak was detected in unvaccinated chickens through active surveillance.

11/12/12 – Confirmed H5N1 infection in a human, Damietta (National authorities)

H5N1 infection was reported in a two-year old female from Kafr Saad District, Damietta Governorate. She developed symptoms on 3 December 2012; samples submitted tested positive for H5N1 by RT-PCR. Investigations into the source of infection revealed that there was close contact with sick backyard chickens and ducks, which died a week before the appearance of symptoms in the patient. A detailed investigation and joint work are ongoing at the district level.

NOTE: UPDATED INFORMATION IS INDICATED IN RED

07/12/12 – Confirmed H5 HPAI outbreaks in poultry, Giza and Menofia (FAO Field Officer)

Between 22 November and 5 December 2012, H5 HPAI was detected in poultry in four locations: Menofia (3) and Giza (1) Governorates, through active surveillance. Two of them were detected in live-bird markets, in Menofia and Giza Governorates, in ducks and geese respectively, and the other two outbreaks were detected in households in the Menofia Governorate (ducks and chickens). The affected birds were unvaccinated.

ASIAN REGION

China

OFFICIAL

07/1/12 – Confirmed H5N2 avian influenza outbreak in poultry, Province of Taiwan – (World Organisation for Animal Health -OIE)

A new outbreak of H5N2 HPAI was reported in native chickens in Ma-Gong City, P'eng-Hu County. The outbreak started in November 2012, with a total of 300 chickens affected, out of a susceptible population of 831; 200 died and 631 have been destroyed. The owner notified authorities of clinical suspected cases, which included an abnormal mortality rate. The local government placed movement restrictions, conducted epidemiological investigation and collected samples from birds on the index farm; all chickens on the farm were destroyed as a precautionary measure on 22 November 2012, in accordance with the government's authority. The results of RT-PCR and pathogenicity tests confirmed this event as H5N2 HPAI. The clinical and epidemiological investigations of the three surrounding poultry farms did not detect any other notifiable avian influenza (NAI) cases.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=12684

India

NON-OFFICIAL

03/12/12 – Suspected H5N1 infection in wild birds, Gujarat (Media)

The sudden death of 38 cranes in the wetlands (salt pans) close to Victor Village in Rajula range of Amreli District has raised fears of a return of the deadly avian influenza virus. The first five deaths were spotted on 1 December 2012 and another 30 birds died on 2 December; two eagles, believed to have feasted on the dead cranes, were also found dead. The post-mortem of the five birds showed that they had died due to respiratory troubles. Cranes migrate to the wetlands in this part of Gujarat from Siberia during the four months of winter. The salt pans belong to Gujarat Heavy Chemicals Limited (GHCL), a company involved in the production of salt. The forest department may send samples to Junagadh or Bhopal to know more details about the cause of deaths. A team of veterinarians from Amreli is also likely to visit the place to collect samples. The director of Bombay Natural History Society (BNHS) said that stomach samples of the birds should be sent to know if they died due to unintentional pesticide poisoning or avian influenza.

http://www.dnaindia.com/india/report_38-cranes-dead-in-gujarat-avian-flu-back-1772683

<http://daily.bhaskar.com/article/GUJ-AHD-gujarat-38-cranes-dead-avian-flu-back-4097826-NOR.html>

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Indonesia

NON-OFFICIAL

12/12/12 – A strain of H5N1 HPAI, new to Indonesia, confirmed, Java (Media)

In recent weeks, more than 300 000 ducks have died on the densely populated island of Java. The government has since confirmed the deaths were caused by a highly pathogenic strain of H5N1 HPAI, new to Indonesia. Recent laboratory tests on samples taken from dead ducks found in Brebes, Central Java, and elsewhere, including Yogyakarta, showed that they had the more deadly clade 2.3.2 H5N1 virus, which had never previously been detected [in Indonesia] before. Indonesia has detected the weaker clade 2.1 H5N1 virus infections in poultry since 2004. The health ministry has urged all local governments to report substantial poultry deaths.

<http://www.voanews.com/content/indonesia-identifies-new-strain-of-bird-flu/1563339.html>

http://www.channelnewsasia.com/stories/afp_asiapacific/view/1242219/1/.html

<http://www.asianewsnet.net/home/news.php?sec=1&id=40092>

11/12/12 – Suspected H5N1 HPAI outbreak in poultry, East Java (Media)

Hundreds of ducks owned by village residents Moor, Kandat District, Kediri Regency, East Java, died suddenly. According to a farmer, a few ducks died then after a while, duck inside the enclosure also started a similar disease - lethargy and seizures then death. More than 10 ducks died in a day the incident has been going on the past week. There are more than 14 farmers with a population of over 28 thousand ducks. Head of Animal Health Animal Husbandry Department Kediri said the last few days there have been reports of sudden deaths of ducks, the department sent blood samples to the Central Veterinary Research Yogyakarta.

<http://surabaya.okezone.com/read/2012/12/11/521/730622/ratusan-itik-mati-diduga-terserang-flu-burung>

12/12/12 – Suspected H5N1 HPAI outbreak in poultry, Riau (Media)

More than 16 000 layer chickens in the village of Batu 8, Tanjung Batu West, Karimun Regency, Riau Islands Province, were destroyed because there were birds in the flock reported to have died suddenly, causing a suspicion that the birds were infected with the H5N1 HPAI virus. Control measures include quarantine of the outbreak location and cleaning and disinfection. The media report states that the previous outbreak of avian influenza in Karimun was in 2006, when a similar situation affected more than 600 chickens.

http://m.koran-jakarta.com/index.php?id=107635&mode_beritadetail=1

26/11/12 – Suspected H5N1 HPAI outbreak in poultry, Central Java (Media)

An outbreak of H5N1 HPAI reoccurred in Winton, in Ngelo Hamlet, Semin Village, Nguntoronadi District, Wonogiri Regency, Central Java, affecting 700 ducks of which 200 died.

<http://www.solopos.com/2012/11/26/lagi-ai-serang-bebek-di-wonogiri-200-ekor-mati-350978>

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: 04/12/12 Reported: 05/12/12 Menofia	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

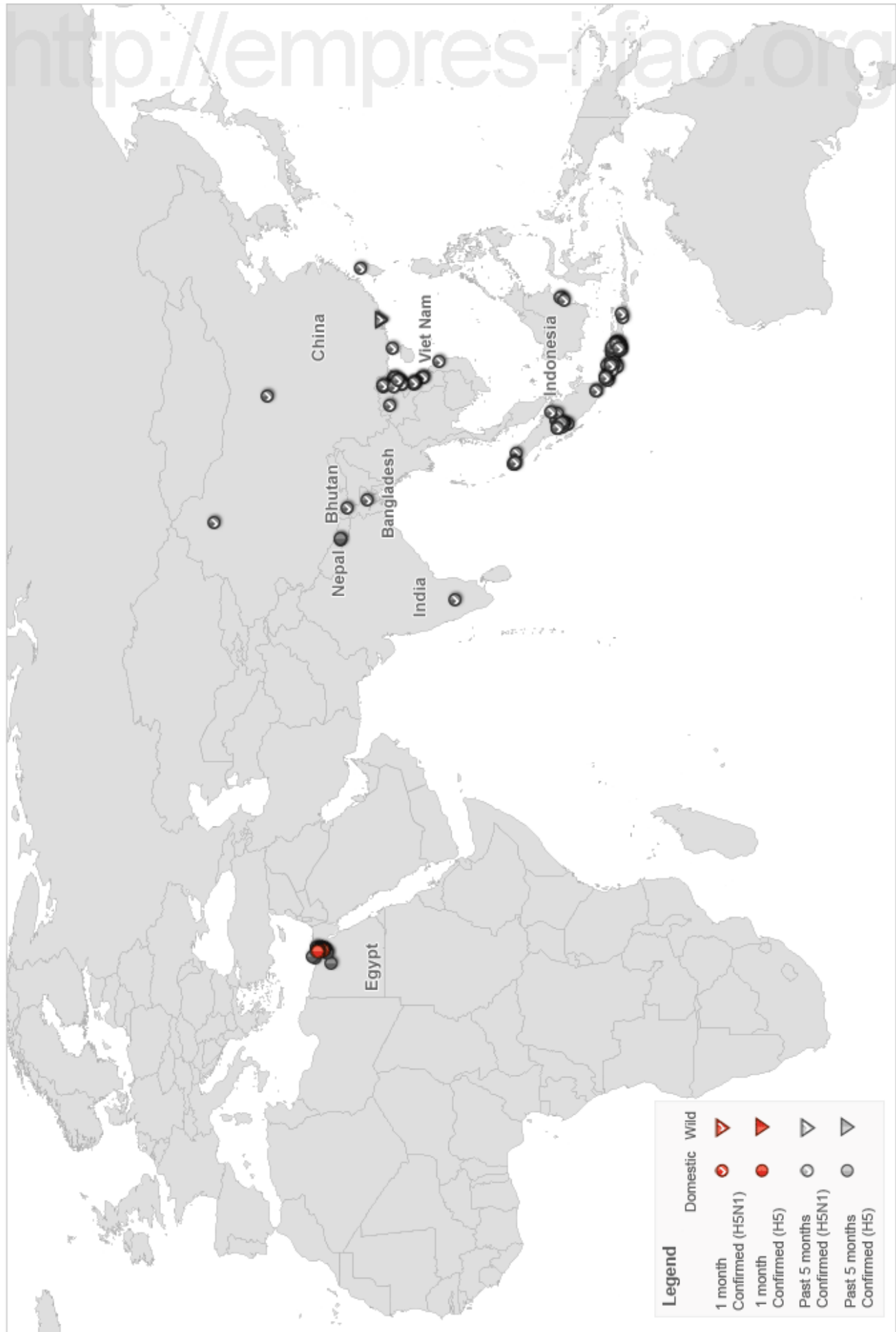
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 23/10/12 Reported: 19/11/12 Dhaka	domestic poultry	6/0
Bhutan	Observed: 18/02/10 Reported: 23/02/10 Chhukha	Observed: 08/10/12 Reported: 17/10/12 Chhukha	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	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: 13/03/11 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 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: 06/10/12 Reported: 02/11/12 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: 16/05/11 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 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 Rhône 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

13 June - 13 December 2012



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

For further information about the FAO HPAI Situation Update please contact the EMPRES/GLEWS team of FAO 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

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 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.