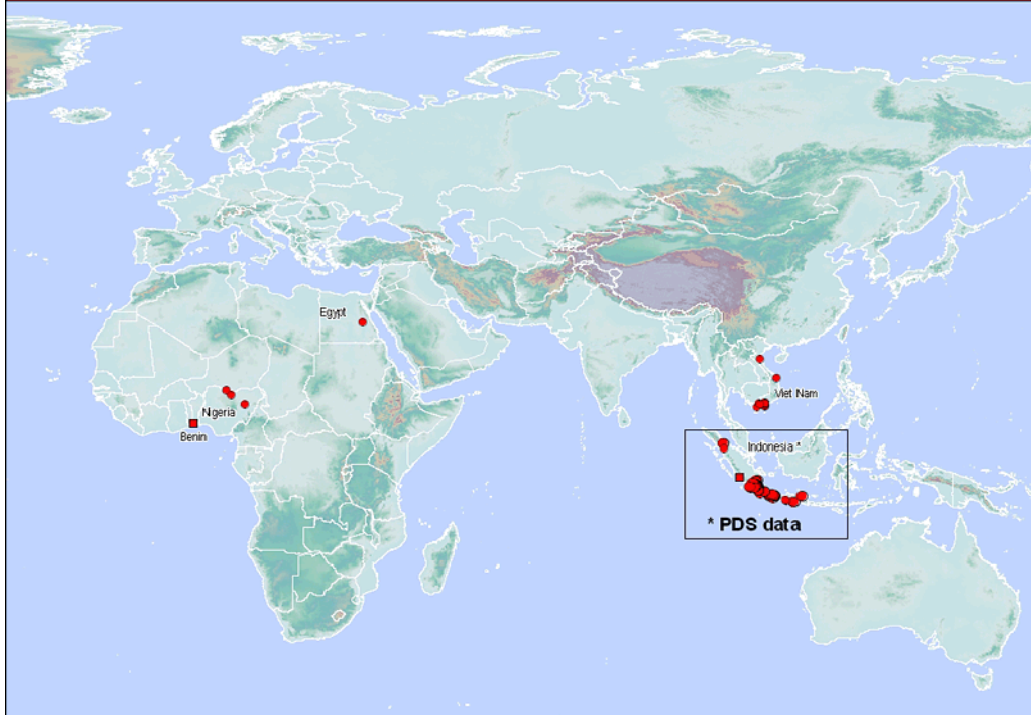


ECTAD HPAI Situation Update

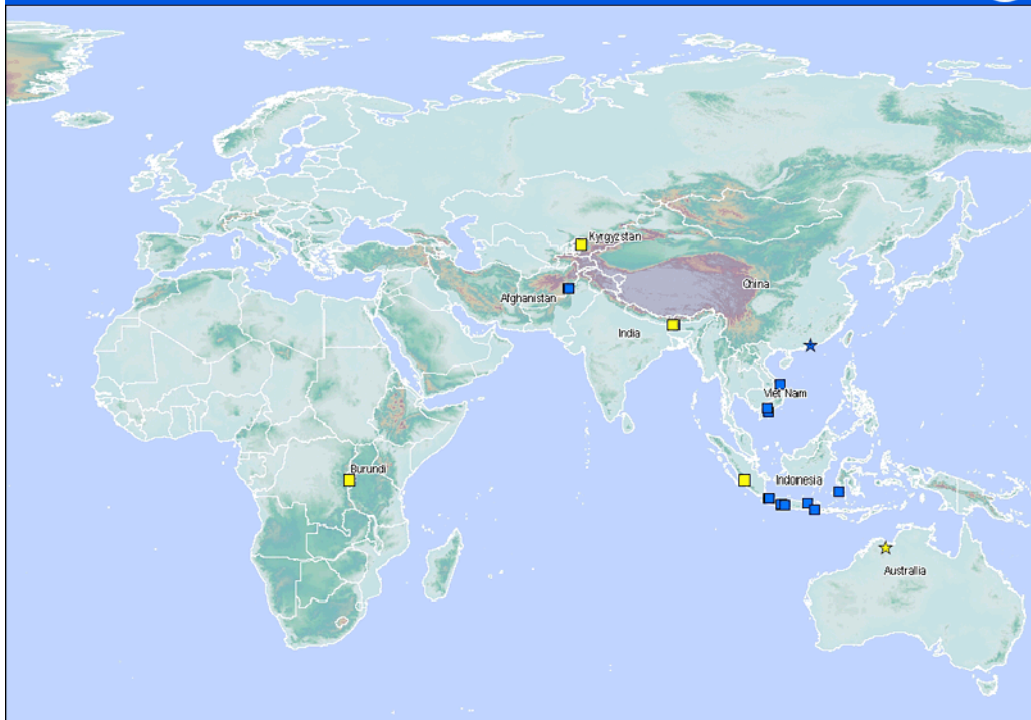
HPAI events: Outbreaks reported in poultry and cases in wild birds
1 July - 29 August 2008



- H5 Domestic
- H5 Wild
- H5N1 Domestic
- H5N1 Wild

NOTE: This map represents occurrences of H5 and H5N1 reported from 01 July 2008 to 29 August 2008. H5 cases are represented for countries where N-subtype characterization is not being performed for secondary cases or if laboratory results are still pending. Countries with H5 and H5N1 occurrences only in wild birds are not considered infected according to OIE status. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Disease event investigation: Suspected and denied events in poultry and wild birds
1 July - 29 August 2008



- Domestic
- Domestic denied
- ★ Wild
- ★ Wild denied

NOTE: This map represents suspicions of disease events and their follow-up status, reported from 01 July 2008 to 29 August 2008. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Information on the use of **dates**: The **maps** illustrate information over the past 1-3 months. The **text** items below represent information obtained within the past 10 days indicating the original date of reporting or publishing of the information. The outbreaks presented in the **tables** are referring to the observation date (or the earliest clinical date known) of the first occurrence of an outbreak.

Table of Contents

1. African Region	2
2. Asian Region	2
3. European Region	3
3. Regional tables with confirmed HPAI H5/H5N1 outbreaks	4

AFRICAN REGION

Benin

Information from official sources

OIE (25/08/08): On 29/07/2008, 2 live chickens purchased at the market in Lokossa as part of the routine surveillance tested positive for HPAI H5 at the Veterinary Laboratory of Parakou. There were no mortalities and the origin is unknown.

Burundi

Information from official sources

FAO field officer (21/08/08): After the suspicion of HPAI in Kayanza province reported on 15 July, samples were sent to Padova's reference laboratory for testing. The RT-PCR came back positive for Newcastle disease and negative for influenza A. The virus isolation and sequencing are still pending.

ASIAN REGION

Afghanistan

Information from non-official sources: (FAO compiles information from numerous sources in an effort to provide a complete situation overview. FAO does not guarantee the accuracy of non-official reports)

News (Intelink Avian Influenza Daily Digest; Source: ARGUS; 27/08/08): International news sources report that H5N1 avian influenza has been found in poultry in Khwost province. The Ministry of Public Health in Afghanistan has confirmed the reports. The Director added that as part of a plan to ensure the safety of food products destined for public consumption, 3 specialized groups would be inspecting the area. A public awareness program is being developed.

Cambodia

Information from official sources

FAO field officer (25/08/08): From 15 to 21 August 2008, the animal health hotline at the National Veterinary Research Institute (NaVRI) received 7 calls from Phnom Penh, Prey Veng and Kampong Cham provinces. 2 calls reported about

sick and dying poultry in Prey Veng province and the rest asked about the clinical sign of HPAI and prevention measures of AI. The team of district veterinarians went to the villages in Prey Veng province and found that AI was not the cause of the illness and death after the investigation. FAO trained this week 157 Village Animal Health Workers (VAHW) and 157 Village Chiefs on avian influenza in Kampong Leu, Prey Veng and Kamchay Mear districts of Prey Veng Province on the techniques of surveillance, and the recognition and systematic recording and reporting of suspected HPAI cases. The Wildlife Conservation Society has completed its wild bird surveillance activity for FAO collecting 1,908 samples from 955 wild birds of 7 species in wetlands sites and trade (food, pet and merit). The six-month project which started in February collected tracheal and cloacal samples from 17 sites in Banteay Meanchey, Battambang, Siem Reap, Kampong Thom, SvayRieng, Kampot, Kandal and Phnom Penh. NaVRI conducted the laboratory tests through virus isolation. None of these samples tested were positive for H5N1 AI virus.

Indonesia

Information from official sources

FAO field officer (28/08/08): Two HPAI outbreaks have been reported in kampong chickens on 19 August in Sumber Dem village, Ambyakan sub village, and in Sumber Tempur village, Kalisat sub village (±500 m from Sumber Dem village), both in East Java. The chickens tested positive in the rapid test. The source of infection is believed to be a chicken trader.

FAO field officer (20/08/08): The HPAI outbreak in Suradita village, Cisauk district, Tangerang regency has been confirmed. On the beginning of August 2008, a farmer bought 180 Kampong chickens from Sukabumi for fasting month preparation. After several days the chickens were introduced, the chickens started to die. There were no more chickens left on the farmer's property. On 12 August 2008, 4 out of 5 chickens owned by the neighbor, who lives 10 meters away from the farmer's house, died. The remaining

chicken was culled. The rapid test results were positive. No other test was conducted

Information from non-official sources: (FAO compiles information from numerous sources in an effort to provide a complete situation overview. FAO does not guarantee the accuracy of non-official reports)

News (Intelink Avian Influenza Daily Digest; Source: ARGUS; 21/08/08): A 16-year-old male has been reported to be a suspected case of H5N1 infection in Kebongbang village, Wonosari district, Malang city, East Java province. The victim is currently being treated in RSUP Syaiful Anwar Hospital in Malang (an avian influenza designated hospital). He started to develop high fever and breathing difficulty on 18 August, and was brought to a local community health center on 20 August. Reportedly, he had a direct contact with 3 chickens that died suddenly. Avian influenza has not been confirmed as the cause for the poultry die-off. The hospital has formed a team of doctors to investigate this case. There was no information about laboratory testing. <http://www.korantempo.com/korantempo/koran/2008/02/21/Nusa/krn.20080221.123589.id.html>

Iraq

Information from official sources

FAO field officer (19/08/08): Iraq reported the laboratory results of their surveillance activities for the month of July. These data refer to all governorates except Kurdistan Province, in the north of the country. All samples taken were negative for H5N1 [poultry farms (1,721), backyard poultry (759), game and wild birds (984), and markets and slaughterhouses (813)]. The only avian influenza virus identified was H9 in samples collected from poultry farms in Najaf and Babel governorates.

Viet Nam

Information from official sources

FAO field officer (19/08/08): On 18 August, DAH reported an HPAI suspected case in Ben Tre province, Ba Tri district, Phu Ngai commune, village No 1, where 287 duck died. The whole flock comprises unvaccinated 1,000 birds in a household.

Since 1 August, HPAI has been reported in 5 villages (An Binh Tay, My Chanh, An Hiep, Vinh Hoa and Phu Ngai communes) of Ba Tri district, Ben Tre province, with a total of 3,445 dead ducks, which were appropriately disposed.

On 14 August, DAH reported HPAI in Ba Tri district, Ben Tre province, where 1,960 and 905 birds were sick and dead respectively. The whole flock was been destroyed.

On 5 August, District Veterinary Service detected sick ducks at two raisers in An Loi village, An Binh Tay commune, Ba Tri district, Ben Tre province, with avian influenza clinical signs.

On 6 August, sick and dead ducks were found in Cau Vi hamlet, My Chanh commune, Ben Tre province. The Regional Animal Health Office No VI confirmed specimens tested positive for H5N1 virus.

From 8 to 10 August, ducks died at 3 households with signs of avian influenza infection, in Giong Gach village, An Hiep commune, Ben Tre province.

Currently, 3 provinces - Kien Giang, Quang Ngai and Ben Tre have reported HPAI in poultry in the last 21 days.

Information from non-official sources: (FAO compiles information from numerous sources in an effort to provide a complete situation overview. FAO does not guarantee the accuracy of non-official reports)

News (Source: Vietnamnews; 27/08/08): A strain of the H5N1 virus (named 7) that poses a high risk of infecting humans and caused an HPAI epidemic in China, has appeared in smuggled poultry in Viet Nam according to the Ministry of Agricultural and Rural Development's Animal Health Dep. <http://vietnamnews.vnagency.com.vn/showarticle.php?num=01HEA270808>

EUROPEAN REGION

Denmark

Information from official sources

OIE (24/08/08): There have been no new outbreaks of avian influenza in Denmark since the outbreak of low pathogenic avian influenza detected on 28 April 2008. According to the requirements in article 2.7.12.3 of the OIE Terrestrial Animal Health Code, Denmark declares having regained its status as a notifiable avian influenza free country on 24 August 2008.

Summary of confirmed H5N1 HPAI outbreaks in the African Region				
Country	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	07/11/2007: Adjara	29/07/2008: Lokossa	dom. poultry	no
Burkina Faso	01/03/06: Gampéla	20/05/06: Bobo-Dioulasso and Ouagadougou	dom. poultry, wild birds	no
Cameroon	21/02/06: Doualaré à Maroua	28/03/06: Malape	dom. poultry, wild birds	no
Côte d'Ivoire	31/03/06: Anoumabo	09/11/06: Abatta	dom. poultry, wild birds	no
Djibouti	06/04/06: Boulaos	06/04/06: Boulaos	domestic poultry	1/0
Egypt	17/02/06: 5 districts in Upper Egypt	22/7/2008 Luxor Governorate	dom. poultry, wild birds.	50/22
Ghana	14/04/07: Kakasunanka	13/06/07: Aflao	domestic poultry	no
Niger	06/02/06: Magaria	01/06/06: Boko Maigao	domestic poultry	no
Nigeria	16/01/06: Igabi, Kaduna State	22/07/2008: Katsina and Kano States	dom. poultry, wild birds	1/1
Sudan	25/03/06: El Gazira	04/08/06: South Sudan (Juba)	domestic poultry	no
Togo	06/06/07: Sigbehoue	20/07/07: Plateau	domestic poultry	no

Summary of confirmed H5N1 HPAI outbreaks in the Asian Region				
Country	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	02/03/06: Jalalabad	12/09/07: Kandahar	dom. poultry, wild birds	no
Bangladesh	05/02/07: Savar	19/05/08: Tangail	domestic poultry	1/0
Cambodia	12/01/04: Pong Peay	06/04/07: Kampong Cham	dom. poultry, wild birds	7/7
China	20/01/04: Longan, Guangxi	13/06/08: Guangdong Province	domestic poultry, wild birds	30/20
China (Hong Kong SAR)	19/01/04: Kowloon	11/06/08: Fanling and Tuen Mun	wild birds, domestic poultry	no
India	27/01/06: Gujarat, Maharashtra	11/05/2008 Darjeeling, West Bengal	domestic poultry	no
Indonesia	02/02/04: Banten	19/08/2008 Malang, East Java	dom. poultry,	135/110
Iran	02/02/06: Espand	10/12/07: Mazandaran	dom. poultry, wild birds	no
Iraq (H5)	18/01/06: Sarkapkan	01/02/06: Sahat Al-aradate	domestic poultry, wild birds	3/2
Israel	16/03/06: En Hashelosh, Ha Darom	01/01/08: Haifa	domestic poultry	no
Japan	28/12/03: Ibaraki	08/05/08: Aomori	domestic poultry, wild birds	no
Jordan	23/03/06: Ajloun governate	23/03/06: Ajloun governate	domestic poultry	no
Kazakhstan	22/07/05: Aktau	10/03/06: Vinogradovka	dom. poultry, wild birds	no
Korea Rep. of	10/12/03: Asan	12/05/08: Kyongsang-Namdo and Kyongsang-Budko	dom. poultry, wild birds	no
Kuwait	09/11/05: Private property, close to the beach	20/04/07: Wafra Wafra	wild birds, domestic poultry, zoo birds	no
Lao PDR	15/01/04: Ban Nonsavang	16/03/08: Luang Namtha province	domestic poultry	2/2
Malaysia	19/08/04	02/06/07: Selangor	dom. poultry, wild birds	no
Mongolia	10/08/05	05/06/06 Bulgan	wild birds	no
Myanmar	08/03/06: Mandalay	23/12/07: Shan State	domestic poultry	1/0
Pakistan	23/02/06: Abottabad	21/06/2008: NWFP	domestic poultry, wild birds	3/1
Saudi Arabia	12/03/07: Al-Gamma	29/01/08: Ar Riyadh	domestic poultry	no
Thailand	23/01/04: Song-Peenong	18/01/08: Nakhon Sawan	dom. poultry, wild birds, tigers, leopards	25/17
Viet Nam	09/01/04: Ca Mau	18/08/08: Ben Tre	domestic poultry,	106/52
West Bank and Gaza Strip	21/03/06: Ghazzah	02/04/06: Rafa	domestic poultry	no

NOTE: FAO compiles information from numerous sources (FAO representatives or country missions, FAO reports, OIE, official government sources, EC, Reference laboratories and others) 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). Send messages to GLEWS@fao.org.

Summary of confirmed H5N1 HPAI outbreaks in the European Region				
Country	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Albania	16/02/06: Alikon	09/03/06: Peze-Helmes, Tirane	dom. poultry	no
Austria	10/02/06: Bregenz	22/03/06: Schaerding	wild birds, cats	no
Azerbaijan	02/02/06: Baku, Qaradag	18/03/06: Banovshalar, Agdam (H5)	wild birds, dom. poultry	8/5
Bosnia-Herzegovina	16/02/06: Jajce, Bosnia	16/02/06: Jajce, Bosnia	wild birds	no
Bulgaria	31/01/06: Widin	09/02/06: Lake Shabla	wild birds	no
Croatia	21/10/05: Zdenci-Orahovica, Stanica	24/03/06: Zagreb	wild birds	no
Czech Republic	27/03/06: Hluboka nad Vltavou	11/07/07: Pardubicky region	wild birds, dom. poultry	no
Denmark	12/03/06: Svino Strand	26/05/06: Keterminde, Funen	wild birds, dom. poultry	no
France	17/02/06: Joyeux	09/08/07: Diane-Capelle	wild birds, dom. poultry	no
Georgia	23/02/06: Adlia, Adjaria	23/02/06: Adlia, Adjaria	wild birds	no
Germany	08/02/06: Wiek, Island of Ruegen	25/12/07: Brandenburg	wild birds, dom. poultry, cats, stone marten	no
Greece	30/01/06: Katerini	27/03/06: Thessaloniki, Central Macedonia	wild birds	no
Hungary	04/02/06: Csatalja	23/01/07: Ordongos	wild birds, dom. poultry	no
Italy	01/02/06: Pizzo, Calabria	19/02/06: Bruzzano, Calabria	wild birds	no
Poland	02/03/06: Torun	22/12/07: Mazowieckie	wild birds, dom. poultry	no
Romania	07/10/05: Ceamurlia	07/12/07: Tulcea (H5 in a cat)	wild birds, dom. poultry, cat	no
Russian Federation	15/07/05: Shatrovo	08/04/2008: Primorskiy Kray	dom. poultry, wild birds	no
Serbia	28/02/06: Backi Monostor	16/03/06: Bajina Basta	wild birds, dom. poultry	no
Slovakia	17/02/06: Bratislava	18/02/06: Dunajska	wild birds	no
Slovenia	09/02/06: Dolgose (H5)	25/03/06: Zrkovci	wild birds	no
Spain	07/07/06: Álava Province	07/07/06: Álava Province	wild bird	no
Sweden	28/02/06: Oskarshamn	26/04/06: Stockholm	wild birds, game birds, mink	no
Switzerland	26/02/06: Geneva	22/02/08: Oberkirch (wild bird)	wild birds	no
Turkey	01/10/05: Kiziksa (revised)	09/03/08: Edirne Province	dom. poultry, wild birds	12/4
Ukraine	02/12/05: Dzhankoyskiy, Crimea	11/02/08: Crimea (wild birds)	wild birds, dom. poultry, zoo birds	no
United Kingdom	30/03/06: Anstruther, Scotland	29/02/08: Dorset, England (wild birds)	dom. poultry, wild birds	no

NOTE: FAO compiles information from numerous sources (FAO representatives or country missions, FAO reports, OIE, official government sources, EC, Reference laboratories and others) 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). Send messages to GLEWS@fao.org.