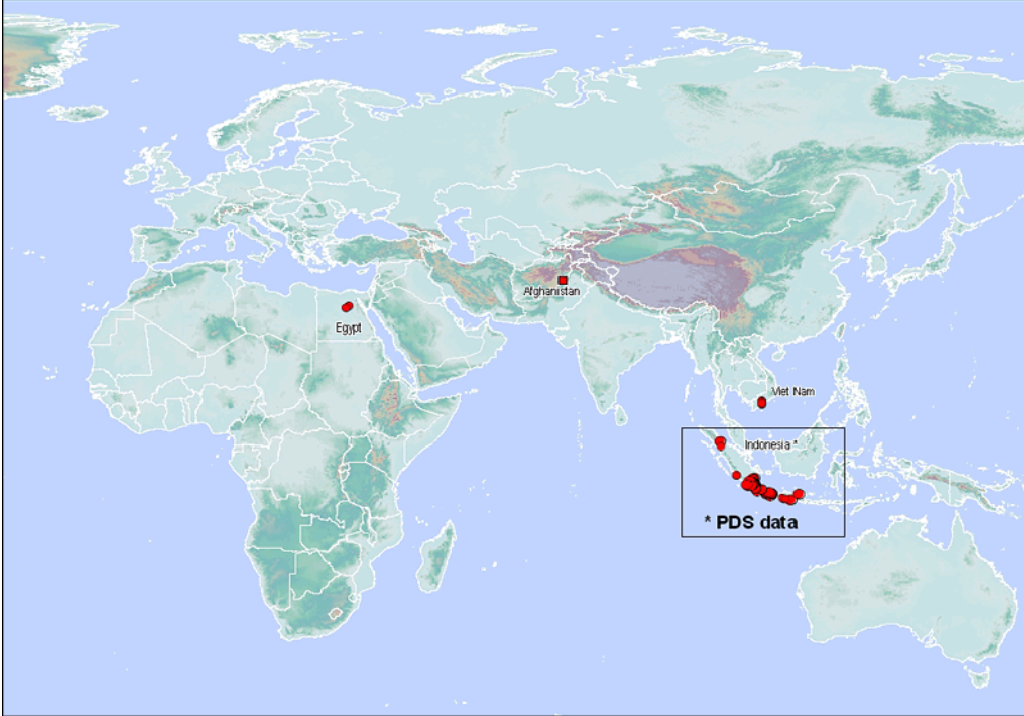




ECTAD HPAI Situation Update

September 10 2008 | Issue No. 345

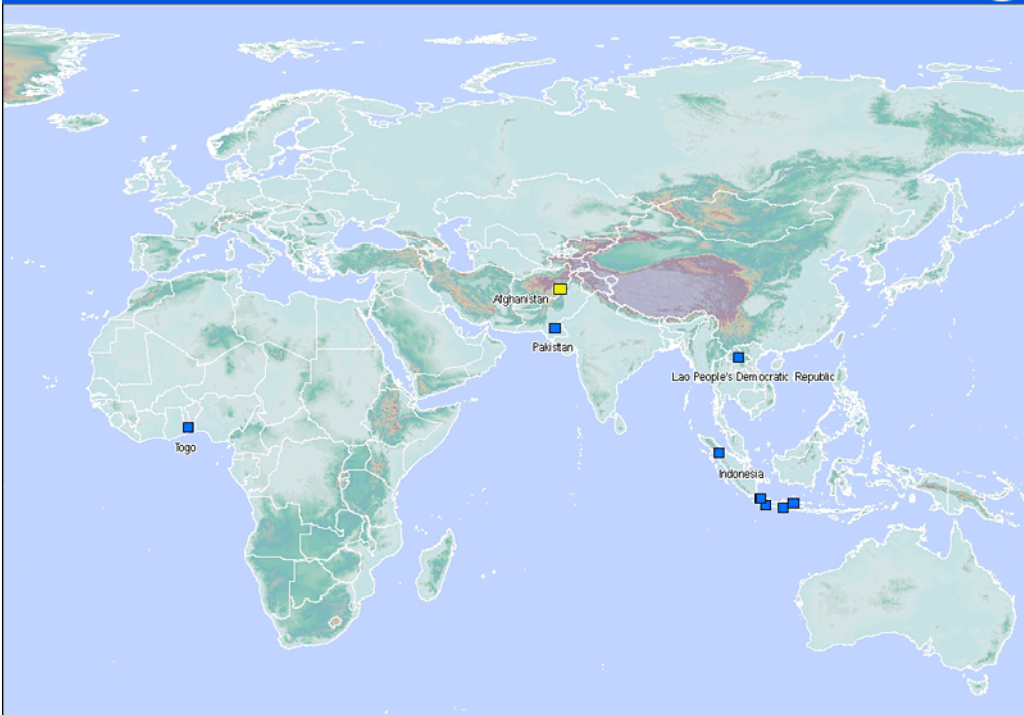
HPAI events: Outbreaks reported in poultry and cases in wild birds
1 August - 10 September 2008



■ H5 Domestic
■ H5 Wild
● H5N1 Domestic
● H5N1 Wild

NOTE: This map represents occurrences of H5 and H5N1 reported from 1 August 2008 to 10 September 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 August - 10 September 2008



■ Domestic
■ Domestic denied
★ Wild
★ Wild denied

NOTE: This map represents suspicions of disease events and their follow-up status, reported from 1 August 2008 to 10 September 2008. The original data have been collected and aggregated at the most detailed administrative level and for the units available or 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. Regional tables with confirmed HPAI H5/H5N1 outbreaks	5

AFRICAN REGION

Burundi

Information from official sources

FAO officer (01/09/08): Since the 21 August 2008 a final report has been released from the Padova's Reference Laboratory on 29 August 2008. Four over six samples were positives for Newcastle Disease using isolation and sequencing tests and all of them were negative for influenza A.

Egypt

Information from official sources

FAO field officer (02/09/08): HPAI outbreaks occurred in ducks and unknown species in Al Minya Governorate in Egypt with 4 confirmed outbreaks reported between 26 July 2008 to 2 September 2008. Under active surveillance program, 84 samples were taken from 10 households in 4 different villages in this governorate.

Sudan

Information from official sources

FAO field officer (03/09/08): The suspicion of HPAI outbreak in South Sudan reported by newspapers has been denied. There is no ban put in place, and there is no evidence of HPAI in South Sudan. It is believed that this news report is an old report reflecting the last case on South Sudan, back in August 2006. (*Note: This case can not be visualized on the maps because the area South of Sudan is mentioned but not precise locality in this area*).

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: All Africa; 02/09/08): The government of Kenya has banned the transportation of live birds and chicken by long distance trucks entering the country through Malaba and Busia as a caution to HPAI which it said had reached Southern Sudan. (*Note: This case can not be visualized on the*

maps because the area South of Sudan is mentioned but not a precise locality in this area).

Togo

Information from official sources

FAO field officer (09/09/08): Three HPAI outbreaks were reported in chickens on a farm in Agbata, a suburb of Lome, in Togo. Out of a flock of 5,000 chickens, 3,500 died in two days and 1,500 were slaughtered. The chickens were tested positive in the rapid test. Samples were sent to Ghana and were also prepared to be sent to Padova, FAO/OIE reference laboratory in Italy for further testing. Culling of chickens will take place in a radius of 3 kms for a total of 20 000 chickens.

ASIAN REGION

Afghanistan

Information from official sources

FAO field officer (31/08/08): The HPAI H5N1 outbreak reported in Khwost province has been denied. Only H5 was positive, not N1. Samples will be sent to Padova, FAO/OIE reference laboratory in Italy for further testing.

Cambodia

Information from official sources

FAO field officer (05/09/08): From 28 August to 5 September 2008, the animal health hotline at the National Veterinary Research Institute (NaVRI) received 8 calls from Phnom Penh, Prey Veng, Preah Vihear, Kampot and Kampong Thom provinces. 1 caller reported about sick and dying poultry in Prey Veng province and the rest asked about the clinical signs of HPAI and prevention measures of avian influenza and other poultry diseases. District veterinarians went to the village in Prey Veng province; they decided after the investigation that HPAI was not the cause of the illness and death. During the week, NaVRI received 9 samples of different types of sparrows collected by the Wildlife Conservation Society from the Riverside and Wat Phnom resort in

Phnom Penh. The laboratory tests are negative for HPAI virus through egg inoculation.

FAO field officer (29/08/08): From 21 to 28 August 2008, the animal health hotline at the National Veterinary Research Institute (NaVRI) received 11 calls from Phnom Penh, Prey Veng, Kampong Thom and Kampong Chhnang provinces asking information about avian influenza. During the week, NaVRI received 8 samples of different types of sparrows collected by the Wildlife Conservation Society from the Riverside and Wat Phnom resort in Phnom Penh. The laboratory tests are negative for HPAI virus through egg inoculation.

Indonesia

Information from official sources

WHO (10/09/08): The Ministry of Health of Indonesia has retrospectively announced two confirmed cases of human infection with the H5N1 avian influenza virus. The first case, a 38 year old male from Tangerang Municipality, Banten Province developed symptoms on 4 July 2008, was hospitalized on 9 July and died on 10 July. There were free roaming poultry throughout his neighbourhood, including a commercial poultry pen owned by a neighbour. The second case, a 20 year old male from Tangerang District, Banten Province developed symptoms on 20 July, was hospitalized on 29 July, and died on 31 July. Reports indicate that chickens from the case's household had died in the week preceding the onset of his symptoms and that he had slaughtered and consumed some of his stock during this period. Of the 137 cases confirmed to date in Indonesia, 112 have been fatal.

FAO field officer (01/09/08): Outbreaks of HPAI H5N1 were reported in five villages: Air Bening, Bermani Ulu Raya sub district, Curup, Curup Utara sub district, Karang Jaya, Selupu Rejang sub district, Mojorejo, Sindang Kelingi sub district, Bengkulu province and Pokoh Kidul village in Wonogiri district, Central Java province. The chickens in the villages were tested positive in the rapid test. The traditional market for Ramadhan (month preparation) is the source of infection. For the first four villages, Rejang Lebong is the port of entrance of poultry movement from South Sumatra, West Sumatra and North Sumatra.

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; 10/09/08): 100 chickens died suddenly in two villages (Sidangsari and

Paneureusan) in Tarogong Kaler district, Garut regency, West Java province between 28 August and 7 September. Test results [for cause of death] are currently pending. Reportedly, some residents did not report incidents of bird die-offs to local authorities and many carcasses are dumped to sewers

News (Intelink Avian Influenza Daily Digest; Source: Argus; 10/09/08): A local source reported that rapid testing confirmed HPAI in all 365 chickens affected during 16 incidences of bird die-offs that occurred between March and August 2008 in Bangkalan regency, Madura Island. According to the local livestock agency, the virus has spread from five districts in previous years to seven districts this year [2008], which included Bangkalan, Burneh, Kamal, Socah, Tanah Merah, Arosbaya, and Geger district. Reportedly, starting this year, the central livestock agency has determined not to cull the rest of the chickens in areas affected by HPAI. Instead of culling, local authorities are encouraged to disinfect, vaccinate, and cage chickens.

News (Intelink Avian Influenza Daily Digest; Source: Argus; 10/09/08): A local source reported bird die-offs of 87 chickens in Purworejo village (Wonogiri district, Wonogiri regency, Central Java province) within the past week. Rapid testing confirmed the presence of HPAI. Reportedly, residents waited 5 days before reporting these die-offs. Local authorities have sprayed disinfectant in the area.

News (Intelink Avian Influenza Daily Digest; Source: Tempo; 02/09/08): A 54-year-old woman from Bululawang Sub-district, Malang District, East Java, has tested positive for avian influenza. She is currently undergoing treatment at the isolation ward at the Dr Sjaiful Anwar Regional Hospital in Malang Municipality.

News (GPHIN ID: 4117341 Source: BBC Monitoring Asia Pacific; 01/09/2008): Five suspected cases of H5N1 infection were detected, and one of them was confirmed positively infected with the type-A avian influenza virus, in Malang district, East Java, in the January-August period in 2008, a local health official said. The infected patient was identified by the initials as SI (47), a resident of Bululawang, Malang Health Service Chief, Wahyu Agus Arifin said here on Saturday.

Lao People's Democratic Republic

Information from official sources

FAO field officer (04/09/08): A unconfirmed outbreak of HPAI was reported in ducks in Luang Prabang province in Lao PDR. The farm is in a district centre about 100 km north of Luang Prabang. The disease has occurred in a mixed age

group of Pekin ducks (1-4 months) being raised for meat. The ducks were purchased from a Chinese duck farmer from the next province also bordering China. The confirmatory PCR tests are awaiting and eggs have been inoculated.

Pakistan

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: Asia Pulse; 10/09/08): Panic gripped the citizens of Shahdadpur and its adjoining areas after the news of presence of HPAI in Sanghar. People have halted buying chicken and poultry products in Shahdadpur and adjoining areas. Meanwhile, poultry farm owners have claimed that there was no HPAI outbreak in Shahdadpur and its adjoining areas.

Viet Nam

Information from official sources

FAO field officer (08/09/08): On 6 September 2008, DAH reported HPAI in duck flock at a raiser Nguyen Van Tim, An Loi village, Binh Tay commune, Ba Tri district, Ben Tre province. Out of a flock of 300, 6 died and 294 found sick. The whole flock have been culled and preventive measures have been conducted.

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	25/8/2008 Al Minya 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	01/09/08 Bengkulu province Central Java province	dom. poultry,	137/112
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 Hasheloshah, 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	06/09/08: 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.