

Summary

1. Two more human cases of H5N1 avian influenza were reported in Cambodia by the World Health Organization (WHO) (January 29, 2013).ⁱ
2. From 2008 to 2012, 32 to 73 confirmed human cases of H5N1 avian influenza were reported to WHO annually. In 2013 (as of February 2), 5 cases were reported by WHO.

This week's highlights

(as of February 2, 2013) (Source: WHO and OIE)

Table 1. Hong Kong: Confirmed human cases of H5N1 avian influenza

	No. of cases (No. of deaths)	Details
In this reporting period	0(0)	-

Table 2. Outside Hong Kong: Confirmed human cases of H5N1 avian influenza

	Place of occurrence	No. of cases (No. of deaths)	Details
In this reporting period	Cambodia	2(2)	<p>Two cases of avian influenza H5N1 infection were confirmed.</p> <ul style="list-style-type: none"> • The first case is a 17-month-old girl from Kampong Speu province. She passed away. There were recent deaths among poultry in the village and the girl had contact with poultry. • The second case is a 9-year-old female from Kampot province. She passed away. There were recent deaths among poultry in the village. <p>(WPRO, January 29, 2013)</p>

For the cumulative no. of human cases in each place, please refer to [WHO website](#).

ⁱ World Health Organization Western Pacific Region (WPRO)
(<http://www.wpro.who.int/mediacentre/releases/2013/20130129/en/index.html>)

Table 3. Hong Kong: Confirmed reports of H5N1 avian influenza in poultry / wild birds

	No. of reports of H5N1 in poultry / wild birds	Details
In this reporting period	1	<ul style="list-style-type: none"> A black-headed gull found in Tuen Mun was tested positive for H5N1 avian influenza virus. (OIE, January 29, 2013)
Cumulative since 2013	1 ⁰	-

⁰For further information, please visit the website of the Agriculture, Fisheries and Conservation Department (AFCD)

Table 4. Outside Hong Kong: Confirmed H5N1 avian influenza in poultry / wild birds

Place of occurrence	No. of reports of H5N1 in poultry / wild birds	Details
Cambodia	2	Cambodia: Poultry in Takeo and Kampong Speu province died from H5N1 avian influenza infection. (OIE, Jan 27 & 30, 2013)

For cumulative reports of H5N1 avian influenza in poultry / wild birds, please select “Highly path. avian influenza” on the OIE website.

Table 5. Confirmed human cases of H5N1 avian influenza reported to WHO since 2003 (by onset date) [§]

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Overall
Cases	4	46	98	115	88	44	73	48	62	32	5	615
Deaths	4	32	43	79	59	33	32	24	34	20	4	364
Case Fatality Rate	100%	69.6%	43.9%	68.7%	67.0%	75.0%	43.8%	50.0%	54.8%	62.5%	80.0%	59.2%

[§]Further breakdown by countries is available at the government website “Prevention of Avian Influenza”.

Table 6. In the past 6 months, H5N1 avian influenza infections were confirmed in the following countries/areas (Source: WHO, OIE and official websites)

Country/ Area	Date of last report of either human or animal case	Human cases	Poultry cases	Wild bird cases
Australia	15/11/2012	N	Y* [#]	N
Bangladesh	19/11/2012	N	Y*	N
Bhutan	11/01/2013	N	Y*	N
Cambodia	30/01/2013	Y	Y*	N
China				
Taiwan	07/12/2012	N	Y* ⁺	N
Guangdong	18/09/2012	N	Y*	N
Hong Kong	29/01/2013	N	N	Y* ^{&}
Denmark	18/01/2013	N	N	Y* [@]
Egypt	17/12/2012	Y*	Endemic	N
India	26/10/2012	N	Y*	N
Indonesia	17/12/2012	Y*	Endemic	N
Mexico	16/01/2013	N	Y* [%]	Y
Nepal	21/01/2013	N	Y*	N
South Africa	04/10/2012	N	Y* [~]	N
Vietnam	17/09/2012	N	Y*	N

(Remarks: Y: Yes; N: No) Source: WHO and OIE

* Most recent occurrence in that country / area.

[#] Avian influenza of H7N7 subtype was reported on a farm in Australia.

⁺ Avian influenza of H5N2 subtype was reported on a poultry farm in Peng Hu county, Taiwan, China.

[&] The most recent H5N1 avian influenza virus positive wild bird carcass collected in Hong Kong was a black-headed gull in Tuen Mun.

[@] Avian influenza of H7 subtype was reported in Mallards in Denmark.

[%] Avian influenza of H7N3 subtype was reported on poultry farms in Mexico.

[~] Avian influenza of H5N2 subtype was reported on commercial ostrich farms in South Africa.

Table 7. Confirmed human cases of H5N1 avian influenza reported to WHO since 2003

Country	Cumulative no. of cases (December 2003 to February 2013)	No. of recent cases (November 2012 to February 2013)
Azerbaijan	8	0
Bangladesh	6	0
Cambodia	26	5
China	43	0
Djibouti	1	0
Egypt	169	1
Indonesia	192	1
Iraq	3	0
Laos	2	0
Myanmar	1	0
Nigeria	1	0
Pakistan	3	0
Thailand	25	0
Turkey	12	0
Vietnam	123	0
Overall	615	7

Table 8. Details of the recent confirmed human cases of H5N1 avian influenza reported to WHO (November 2012 to February 2013)

Date of report by WHO	Country	Province / Region	District	Sex	Age	Outcome at the time of reporting
17/12/2012	Egypt	Demietta	-	F	2	-
17/12/2012	Indonesia	West Java	-	M	4	Fatal
25/01/2013	Cambodia	Phnom Penh	Khan Por Sen Chey	M	8 months old	Recovered
25/01/2013	Cambodia	Takeo	Prey Kabass	F	15	Fatal
25/01/2013	Cambodia	Kampong Speu	Kong Pisey	M	35	Fatal
29/01/2013	Cambodia	Kampong Spen	Kong Pisey	F	17 months old	Fatal
29/01/2013	Cambodia	Kampot	Toeuk Chhou	F	9	Fatal

Avian Influenza Report is a weekly report produced by the Respiratory Disease Office of the Centre for Health Protection when the alert response level under the Government's Preparedness Plan for Influenza Pandemic in Hong Kong has been activated. This report highlights global avian influenza activity in humans and birds.