

## Summary

1. There were no new confirmed human cases of H5N1 avian influenza reported by the World Health Organization (WHO) this week.
2. From 2008 to 2012, 32 to 73 confirmed human cases of H5N1 avian influenza were reported to WHO annually. In 2013 (as of March 16), 12 cases were reported by WHO.

## This week's highlights

(as of March 16, 2013) (Source: WHO and OIE)

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

	No. of cases (No. of deaths)	Details
<b>In this reporting period</b>	0(0)	-

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

	Place of occurrence	No. of cases (No. of deaths)	Details
<b>In this reporting period</b>	-	0(0)	-

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

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

	No. of reports of H5N1 in poultry / wild birds	Details
<b>In this reporting period</b>	0	-
<b>Cumulative since 2013</b>	1 <sup>o</sup>	-

<sup>o</sup> For 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	1	<b>Cambodia:</b> Poultry in Siem Reap province died from H5N1 avian influenza infection. ( <i>OIE, March 12, 2013</i> )

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) <sup>§</sup>**

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Overall
<b>Cases</b>	4	46	98	115	88	44	73	48	62	32	12	622
<b>Deaths</b>	4	32	43	79	59	33	32	24	34	20	11	371
<b>Case Fatality Rate</b>	100%	69.6%	43.9%	68.7%	67.0%	75.0%	43.8%	50.0%	54.8%	62.5%	91.7%	59.6%

<sup>§</sup> Further breakdown by countries is available at [WHO website](#)

**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* <sup>#</sup>	N
Bangladesh	05/02/2013	N	Y*	N
Bhutan	08/02/2013	N	Y*	N
Cambodia	12/03/2013	Y	Y*	N
China				
Guangdong	18/09/2012	N	Y*	N
Guizhou	15/02/2013	Y*	N	N
Hong Kong	29/01/2013	N	N	Y* <sup>&amp;</sup>
Taiwan	07/12/2012	N	Y* <sup>+</sup>	N
Denmark	18/01/2013	N	N	Y* <sup>@</sup>
Egypt	15/02/2013	Y*	Endemic	N
India	09/03/2013	N	Y*	N
Indonesia	17/12/2012	Y*	Endemic	N
Mexico	28/02/2013	N	Y* <sup>%</sup>	Y
Nepal	15/02/2013	N	Y*	N
South Africa	04/10/2012	N	Y* <sup>~</sup>	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.

& 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 H5N2 subtype was reported on a poultry farm in Peng Hu county, Taiwan, China.

@ 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**

<b>Country</b>	<b>Cumulative no. of cases (December 2003 to March 2013)</b>	<b>No. of recent cases (December 2012 to March 2013)</b>
Azerbaijan	8	0
Bangladesh	6	0
Cambodia	30	9
China	45	2
Djibouti	1	0
Egypt	170	2
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	622	14

**Table 8. Details of the recent confirmed human cases of H5N1 avian influenza reported to WHO (December 2012 to March 2013) (Source: WHO)**

<b>Date of report by WHO</b>	<b>Country</b>	<b>Province / Region</b>	<b>District</b>	<b>Sex</b>	<b>Age</b>	<b>Outcome at the time of reporting</b>
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 Speu	Kong Pisey	F	17 months old	Fatal
29/01/2013	Cambodia	Kampot	Toeuk Chhou	F	9	Fatal
08/02/2013	Cambodia	Takeo	Prey Kabass	F	5	Fatal
15/02/2013	Cambodia	Kampot	-	F	3	Fatal
15/02/2013	China	Guizhou	-	F	21	Fatal
15/02/2013	China	Guizhou	-	M	31	Fatal
15/02/2013	Egypt	Behera	-	F	36	Fatal
12/03/2013	Cambodia	Kampot	-	M	20 months old	Fatal

<b>Date of report by WHO</b>	<b>Country</b>	<b>Province / Region</b>	<b>District</b>	<b>Sex</b>	<b>Age</b>	<b>Outcome at the time of reporting</b>
12/03/2013	Cambodia	Kampong Cham	Stueng Trang	M	35	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.